

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006512.D
 Acq On : 14 Dec 2018 12:32
 Operator : JC/MD
 Sample : VX1214WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/17/2018 12:12:14 PM

Quant Time: Dec 15 04:47:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	600536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	916472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	839342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	448094	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	310293	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
35) Dibromofluoromethane	5.51	113	288083	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.71	98	1055488	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.13	95	413685	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	123721	21.041	ug/l	97
3) Chloromethane	1.33	50	124646	20.628	ug/l	95
4) Vinyl Chloride	1.41	62	132812	20.422	ug/l	100
5) Bromomethane	1.64	94	129535	28.741	ug/l	97
6) Chloroethane	1.71	64	82435	20.674	ug/l	99
7) Trichlorofluoromethane	1.93	101	214638	21.501	ug/l	99
8) Diethyl Ether	2.19	74	79887	21.145	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	128759	22.683	ug/l	98
10) Methyl Iodide	2.51	142	182360	21.317	ug/l	99
11) Tert butyl alcohol	3.07	59	160010	95.440	ug/l	97
12) 1,1-Dichloroethene	2.37	96	113504	20.888	ug/l	95
13) Acrolein	2.29	56	85511	93.318	ug/l	99
14) Allyl chloride	2.73	41	196209	18.279	ug/l	98
15) Acrylonitrile	3.15	53	344752	98.541	ug/l	99
16) Acetone	2.45	43	283990	98.710	ug/l	97
17) Carbon Disulfide	2.57	76	293348	17.519	ug/l	100
18) Methyl Acetate	2.78	43	193769	20.140	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	400224	20.646	ug/l	99
20) Methylene Chloride	2.85	84	129578	21.163	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	124101	21.430	ug/l	95
22) Diisopropyl ether	3.87	45	357468	21.320	ug/l	94
23) Vinyl Acetate	3.82	43	1464607	102.416	ug/l	100
24) 1,1-Dichloroethane	3.70	63	205793	21.474	ug/l	100
25) 2-Butanone	4.70	43	421899	102.775	ug/l	94
26) 2,2-Dichloropropane	4.58	77	175148	19.803	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	143391	22.199	ug/l	97
28) Bromochloromethane	5.02	49	83840	20.029	ug/l	98
29) Tetrahydrofuran	5.15	42	291968	102.336	ug/l	98
30) Chloroform	5.21	83	222848	22.128	ug/l	98
31) Cyclohexane	5.57	56	197080	22.252	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	197847	20.647	ug/l	99
36) 1,1-Dichloropropene	5.80	75	167784	21.740	ug/l	98
37) Ethyl Acetate	4.85	43	168820	19.533	ug/l	99
38) Carbon Tetrachloride	5.78	117	168163	18.522	ug/l	96

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Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	223308	22.291	ug/l	98
40) Benzene	6.14	78	505640	21.875	ug/l	97
41) Methacrylonitrile	5.06	41	91466	19.233	ug/l	97
42) 1,2-Dichloroethane	6.20	62	166631	22.026	ug/l	100
43) Isopropyl Acetate	6.46	43	268946	18.664	ug/l	99
44) Trichloroethene	7.21	130	148737	21.240	ug/l	95
45) 1,2-Dichloropropane	7.52	63	121813	20.735	ug/l	99
46) Dibromomethane	7.66	93	88535	20.867	ug/l	95
47) Bromodichloromethane	7.90	83	153138	18.638	ug/l	99
48) Methyl methacrylate	7.77	41	134166	19.139	ug/l	96
49) 1,4-Dioxane	7.75	88	72975	422.362	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	845418	100.781	ug/l	98
52) Toluene	8.79	92	336237	22.110	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	169941	17.685	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	190780	19.120	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	136449	22.086	ug/l	97
56) Ethyl methacrylate	9.18	69	197381	20.436	ug/l	96
57) 1,3-Dichloropropane	9.37	76	211820	21.682	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	461266	94.115	ug/l	99
59) 2-Hexanone	9.49	43	644264	100.526	ug/l	98
60) Dibromochloromethane	9.59	129	133180	17.482	ug/l	98
61) 1,2-Dibromoethane	9.67	107	143981	20.843	ug/l	100
64) Tetrachloroethene	9.34	164	143142	22.645	ug/l	97
65) Chlorobenzene	10.14	112	384154	21.561	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	132882	19.195	ug/l	99
67) Ethyl Benzene	10.25	91	642468	21.680	ug/l	100
68) m/p-Xylenes	10.36	106	519747	43.785	ug/l	100
69) o-Xylene	10.70	106	253098	21.586	ug/l	98
70) Styrene	10.71	104	406949	21.459	ug/l	99
71) Bromoform	10.86	173	98178	15.024	ug/l #	97
73) Isopropylbenzene	11.02	105	680893	22.003	ug/l	99
74) N-amyl acetate	10.90	43	244422	18.342	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	199831	20.185	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	186196m	21.528	ug/l	
77) Bromobenzene	11.26	156	179630	20.917	ug/l	98
78) n-propylbenzene	11.36	91	747735	21.738	ug/l	100
79) 2-Chlorotoluene	11.42	91	443646	21.700	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	559560	21.733	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	53915	14.629	ug/l	88
82) 4-Chlorotoluene	11.51	91	518783	21.825	ug/l	100
83) tert-Butylbenzene	11.77	119	583534	21.242	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	580456	21.833	ug/l	99
85) sec-Butylbenzene	11.94	105	688160	22.020	ug/l	100
86) p-Isopropyltoluene	12.06	119	622615	22.124	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	328272	21.483	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	328039	21.151	ug/l	98
89) n-Butylbenzene	12.39	91	514632	21.433	ug/l	99
90) Hexachloroethane	12.60	117	92221	16.079	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	323087	21.304	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40185	15.835	ug/l	96

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

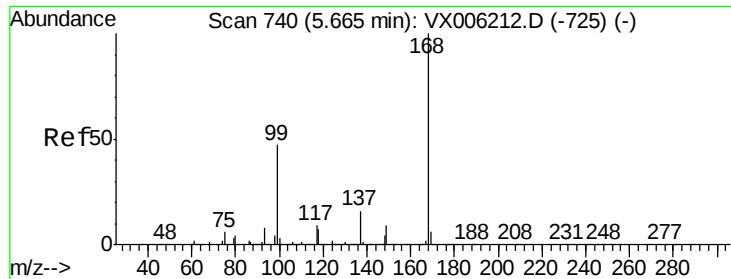
Manual Integrations
APPROVED

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12/17/2018 12:12:14 PM

Quant Time: Dec 15 04:47:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	225986	20.425	ug/l	99
94) Hexachlorobutadiene	13.78	225	105233	21.507	ug/l	100
95) Naphthalene	13.83	128	704303	20.464	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	227914	20.797	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

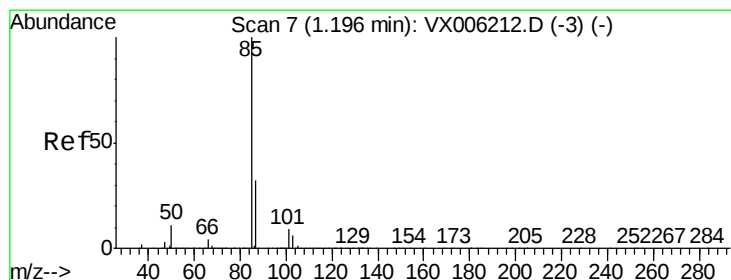
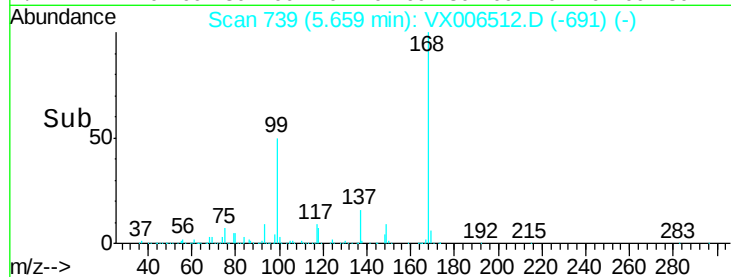
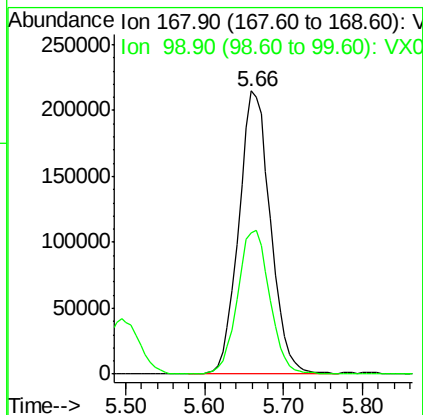
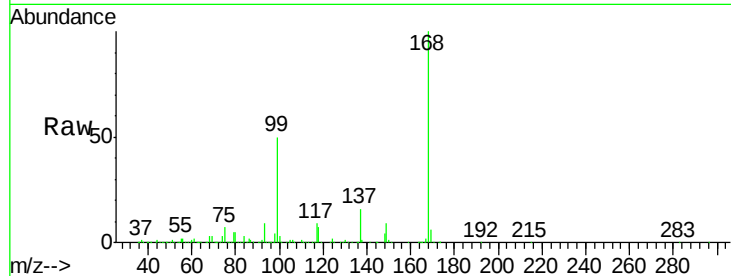
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX006512.D
 Acq: 14 Dec 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01

Tgt Ion	Ratio	Lower	Upper
168	100		
99	50.0	37.8	56.8

Manual Integrations
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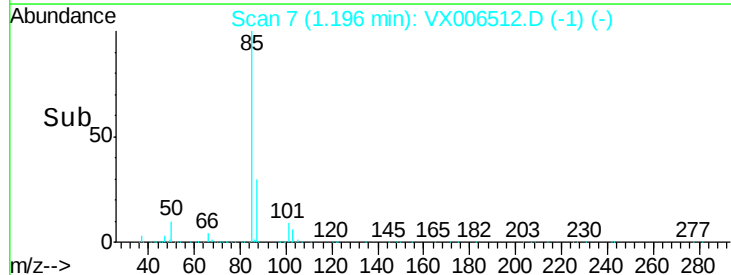
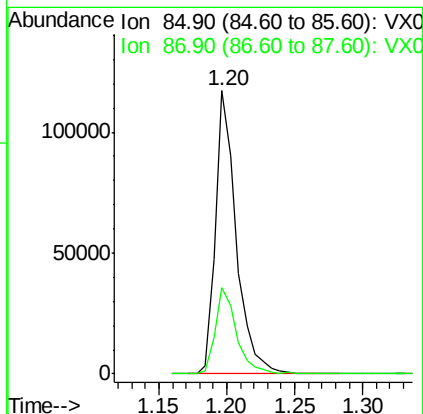
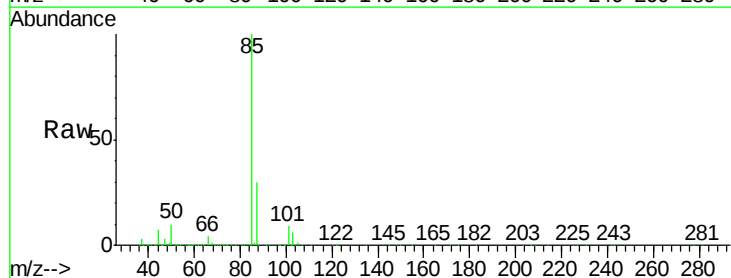
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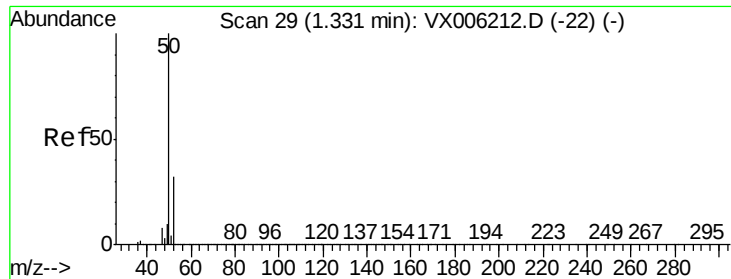


#2

Dichlorodifluoromethane
 Concen: 21.041 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX006512.D
 Acq: 14 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.4	16.1	48.2





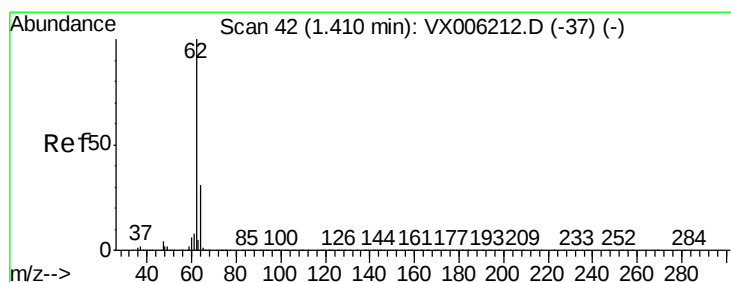
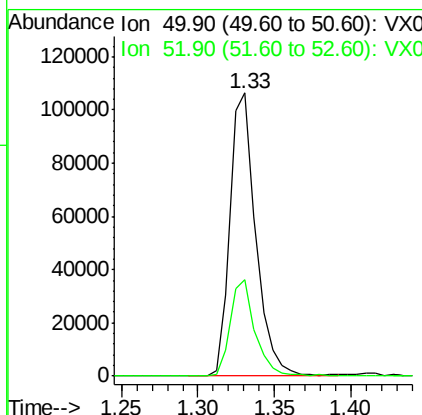
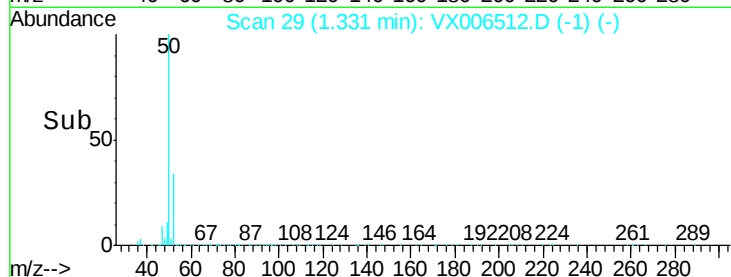
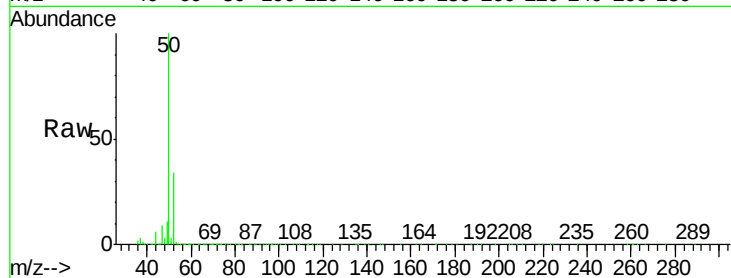
#3
Chloromethane
Concen: 20.628 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 50 Resp: 124646
Ion Ratio Lower Upper
50 100
52 34.0 25.2 37.8

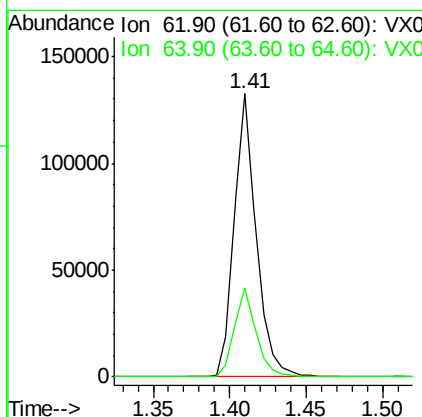
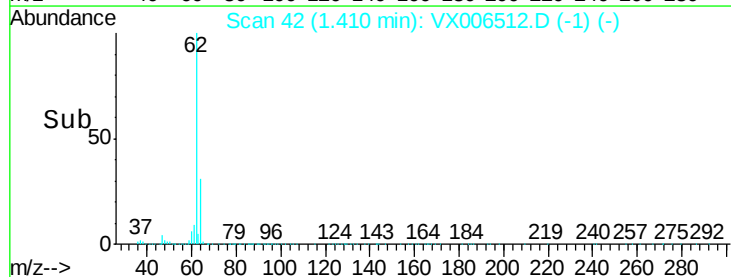
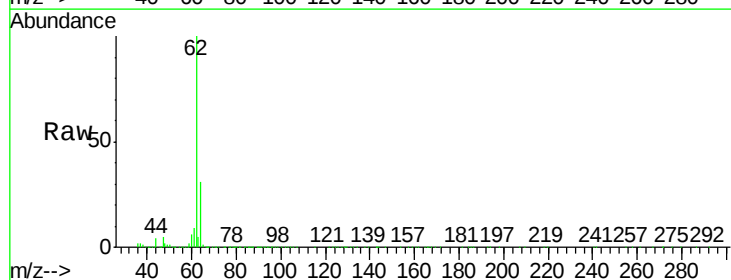
Manual Integrations
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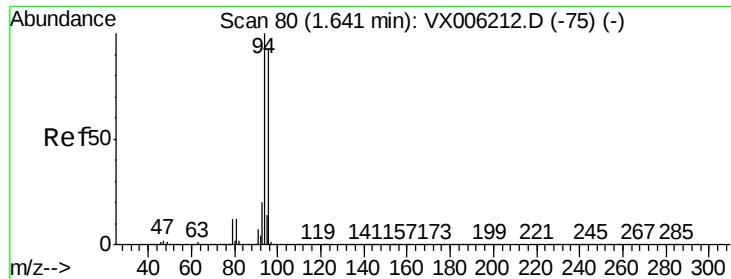
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#4
Vinyl Chloride
Concen: 20.422 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion: 62 Resp: 132812
Ion Ratio Lower Upper
62 100
64 31.3 24.9 37.3





#5

Bromomethane

Concen: 28.741 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 94 Resp: 129535

Ion Ratio Lower Upper

94 100

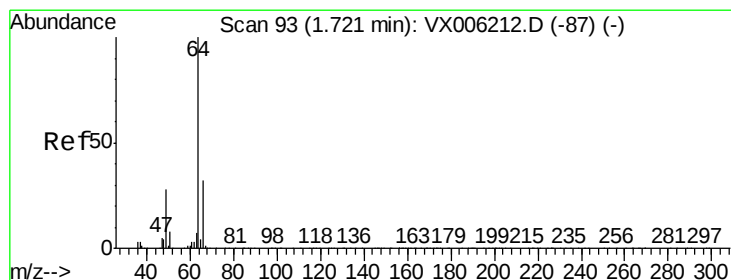
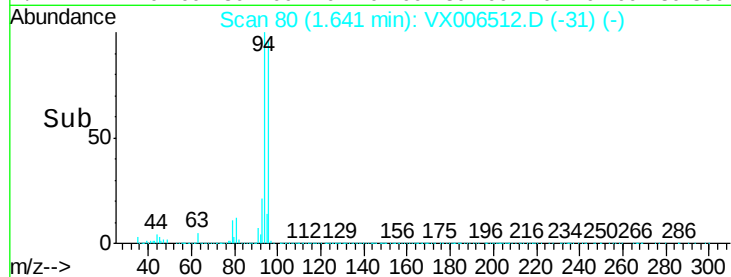
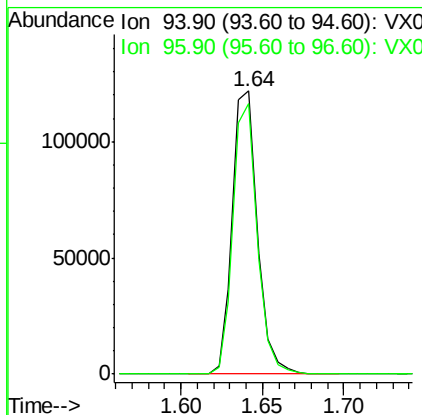
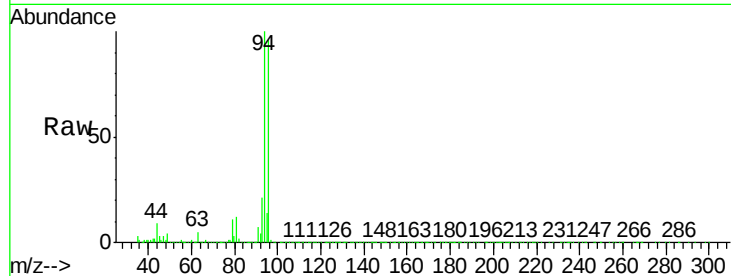
96 95.7 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 20.674 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006512.D

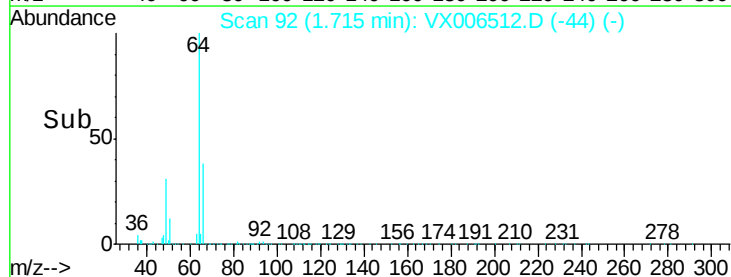
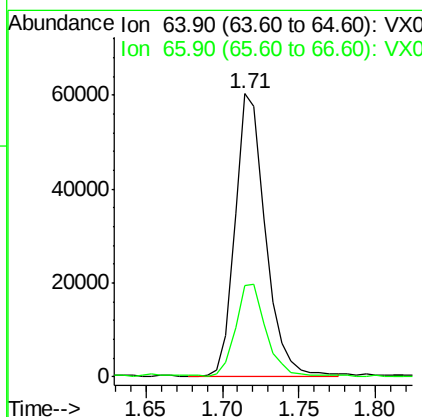
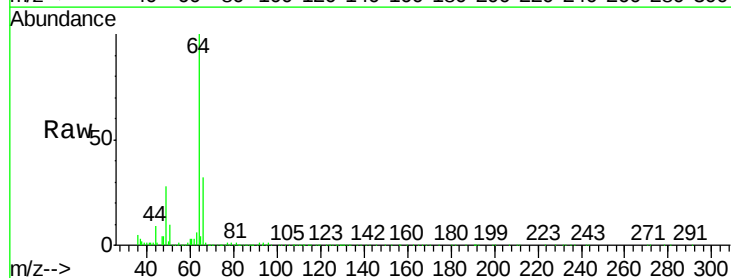
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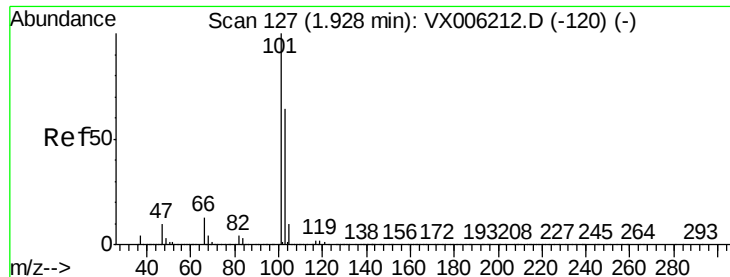
Tgt Ion: 64 Resp: 82435

Ion Ratio Lower Upper

64 100

66 32.0 25.9 38.9





#7

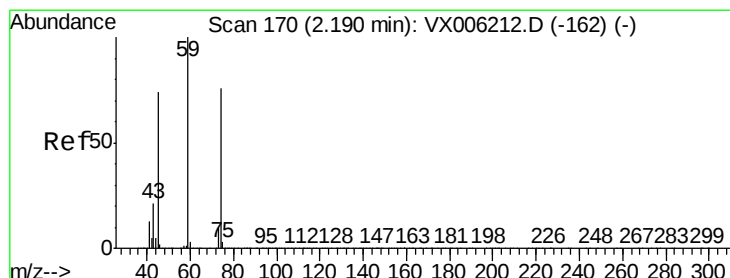
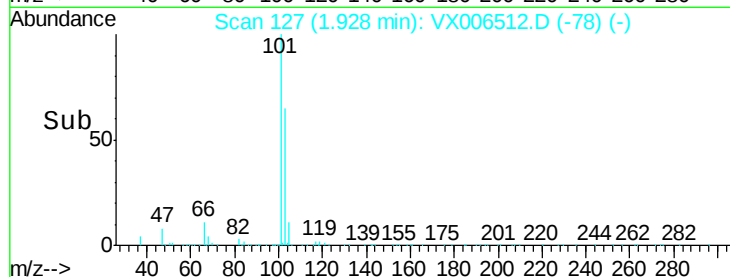
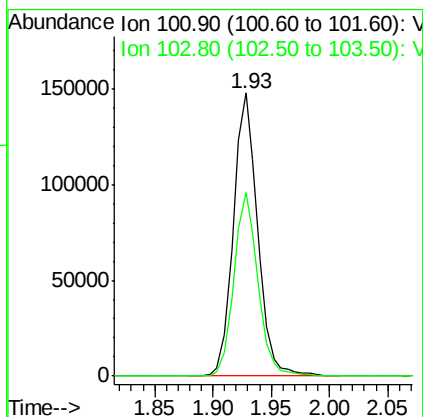
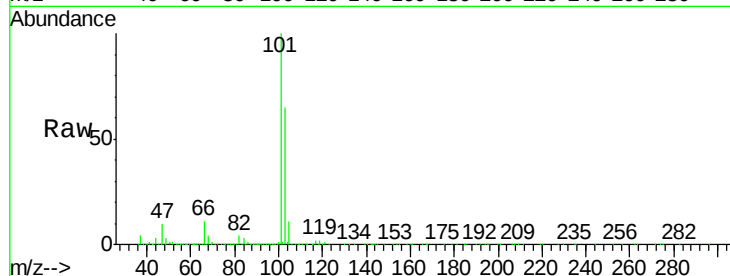
Trichlorofluoromethane
Concen: 21.501 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.0	76.4

Manual Integrations
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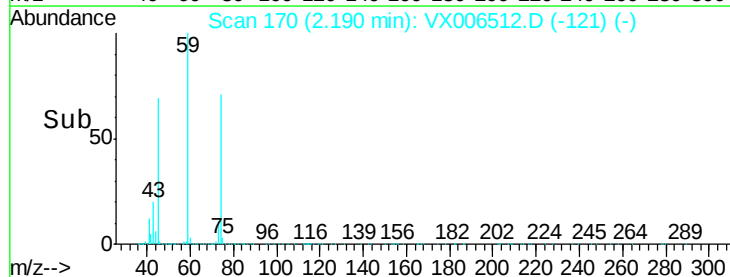
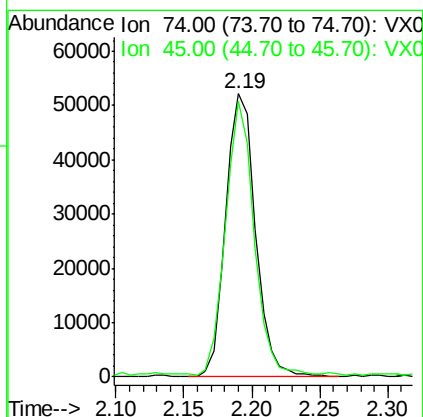
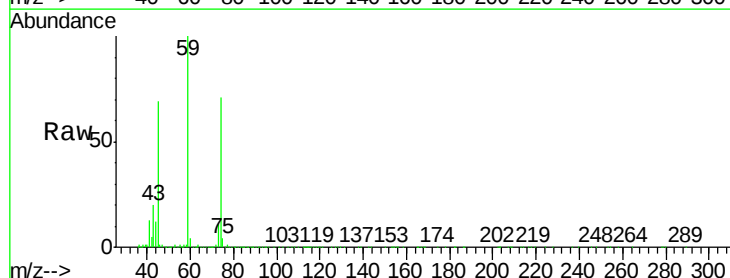
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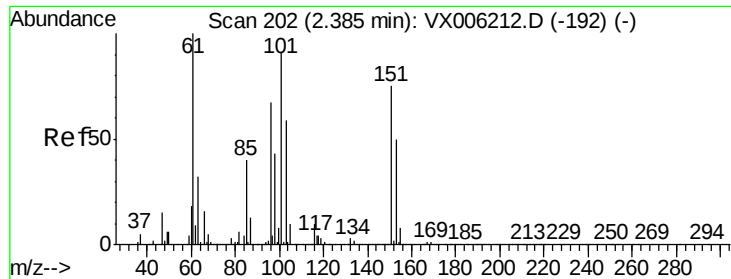


#8

Diethyl Ether
Concen: 21.145 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.2	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.683 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

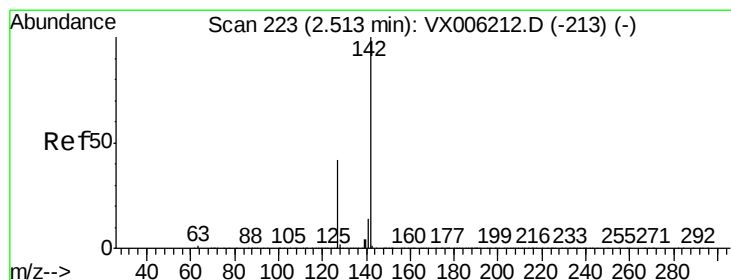
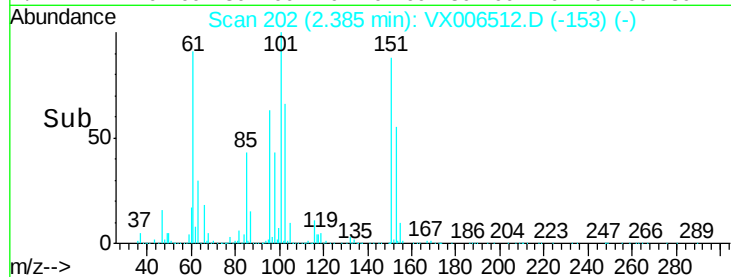
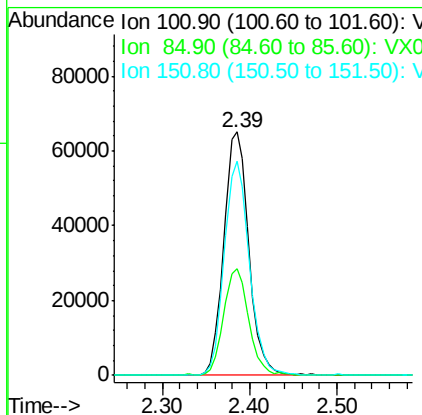
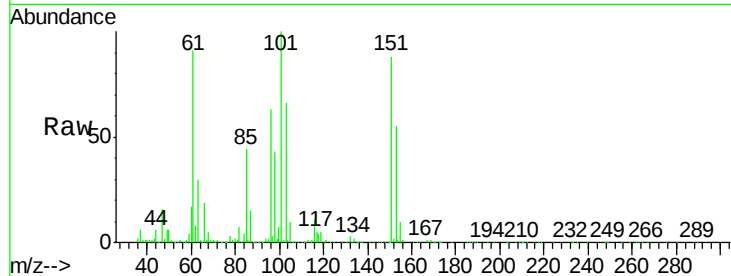
ClientSampleId :

VX1214WBS01

Tgt Ion:	101	Resp:	128759
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.5	53.3
151	88.6	68.6	103.0

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#10

Methyl Iodide

Concen: 21.317 ug/l

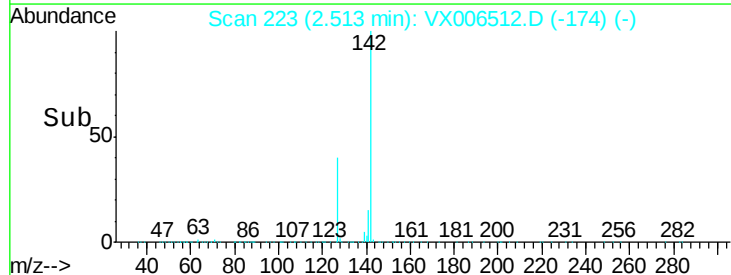
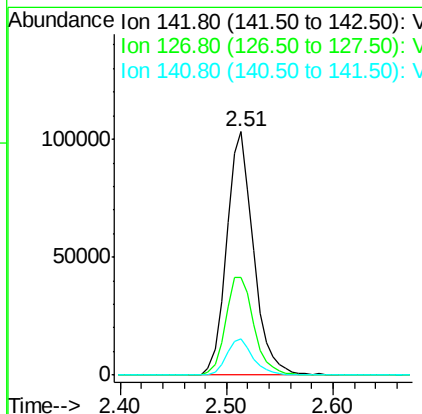
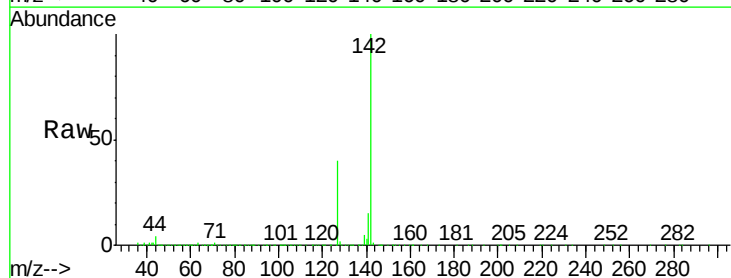
RT: 2.51 min Scan# 223

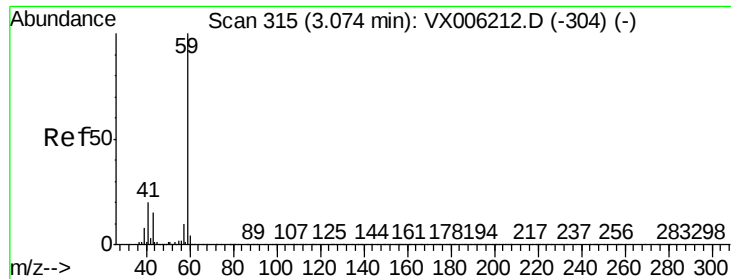
Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Tgt Ion:	142	Resp:	182360
Ion Ratio	Lower	Upper	
142	100		
127	42.8	34.8	52.2
141	14.6	11.4	17.2





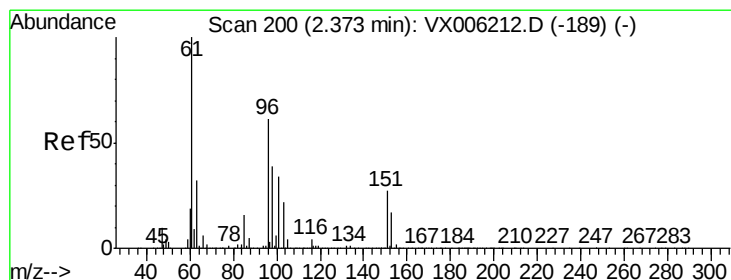
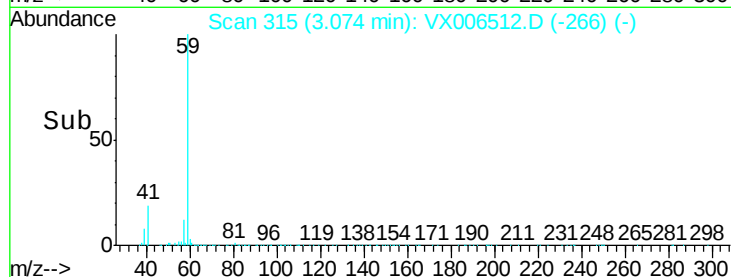
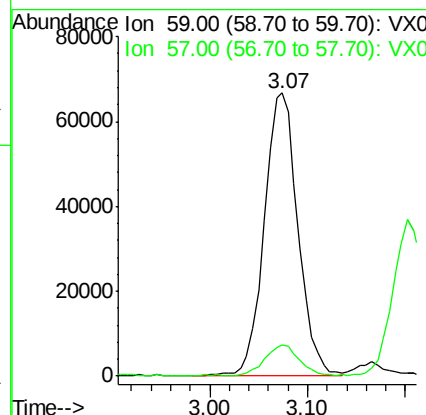
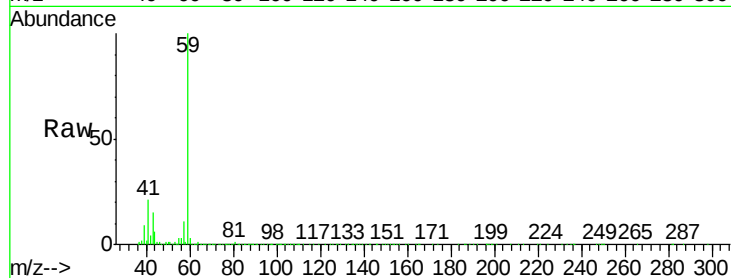
#11
Tert butyl alcohol
Concen: 95.440 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 59 Resp: 160010
Ion Ratio Lower Upper
59 100
57 11.5 8.2 12.2

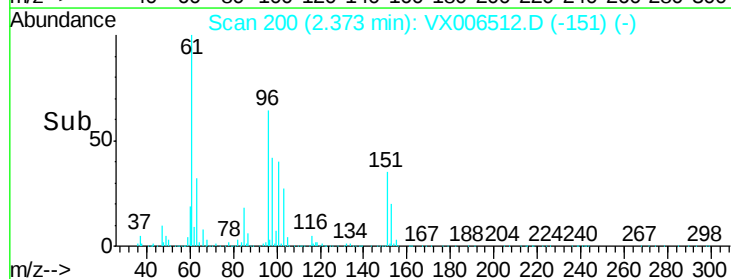
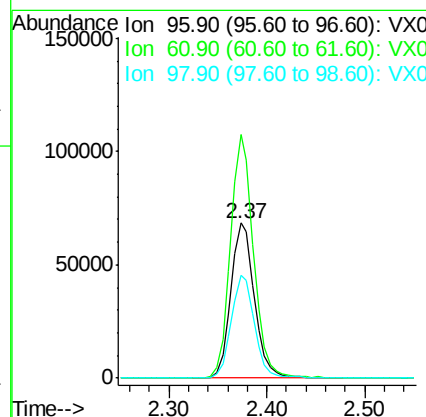
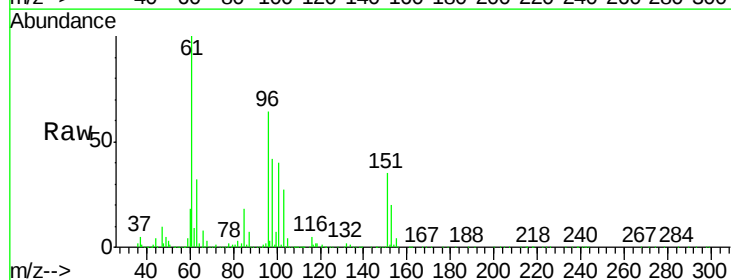
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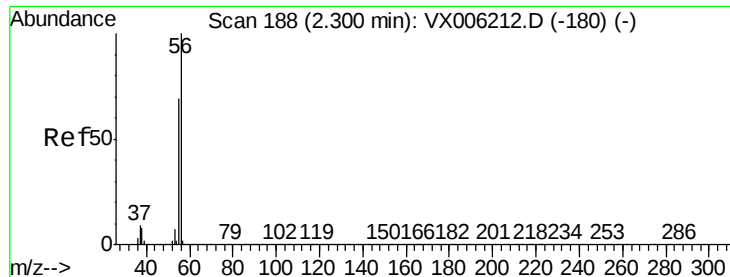
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.888 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion: 96 Resp: 113504
Ion Ratio Lower Upper
96 100
61 157.2 131.7 197.5
98 66.5 51.8 77.6





#13

Acrolein

Concen: 93.318 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 56 Resp: 85511

Ion Ratio Lower Upper

56 100

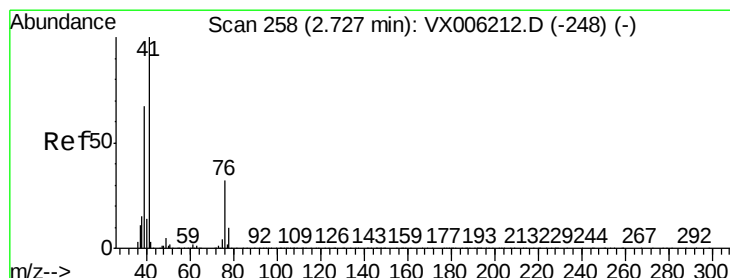
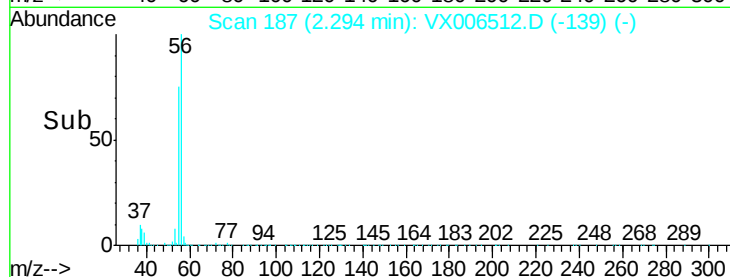
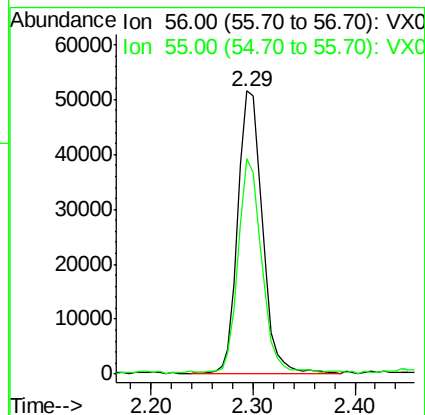
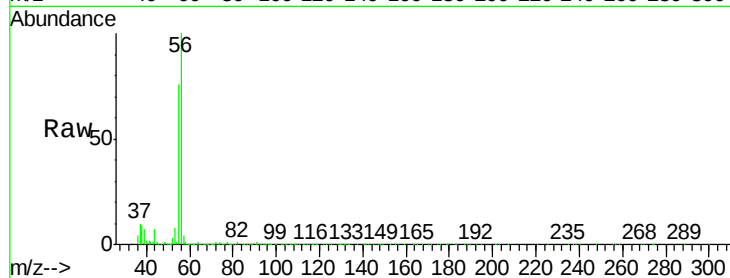
55 71.6 57.8 86.6

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#14

Allyl chloride

Concen: 18.279 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

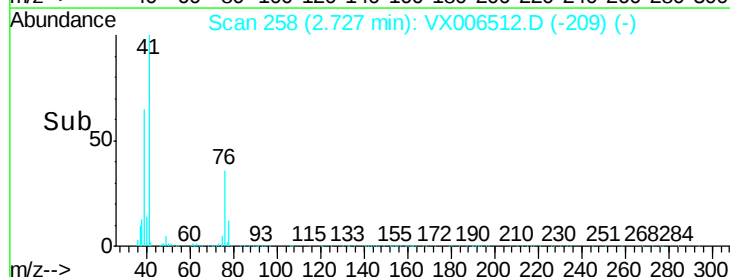
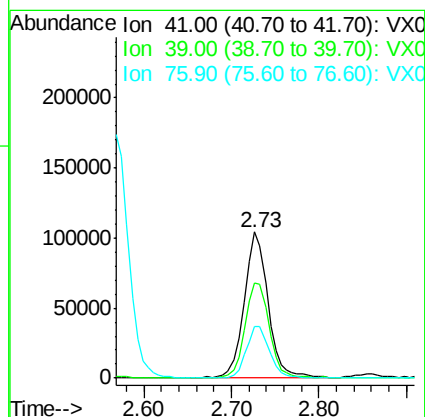
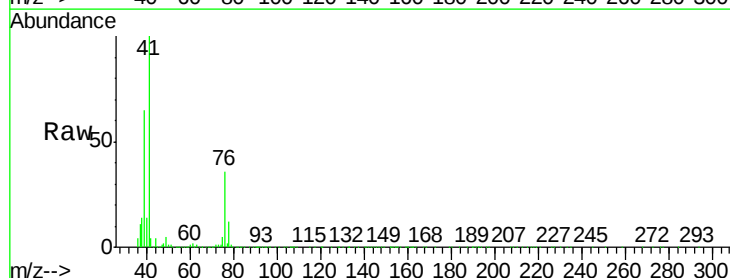
Tgt Ion: 41 Resp: 196209

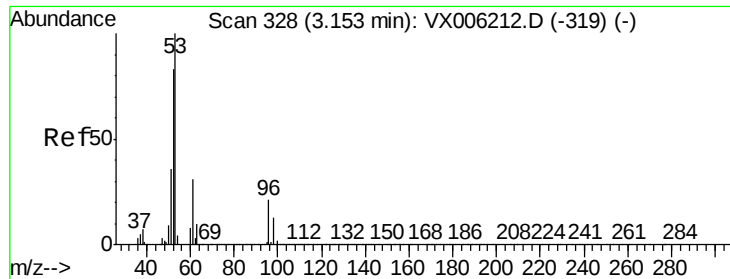
Ion Ratio Lower Upper

41 100

39 65.9 52.4 78.6

76 34.1 25.4 38.0





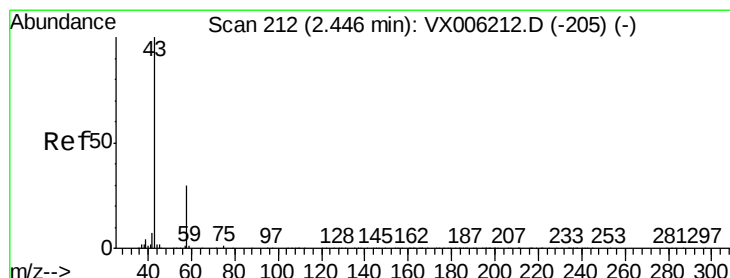
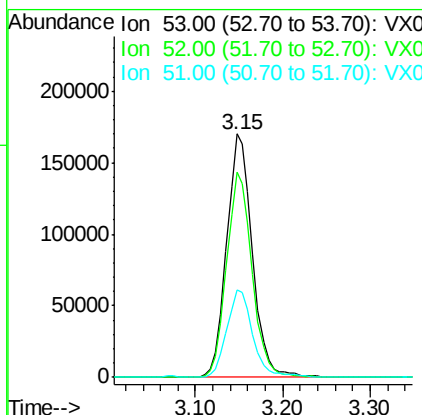
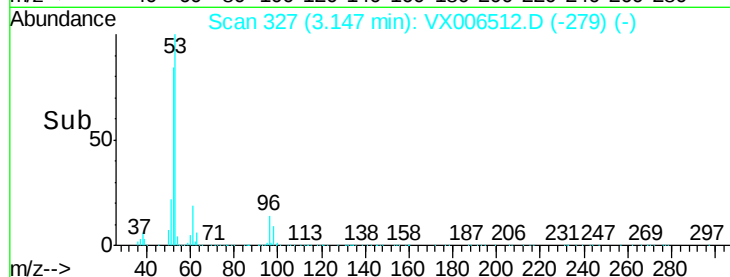
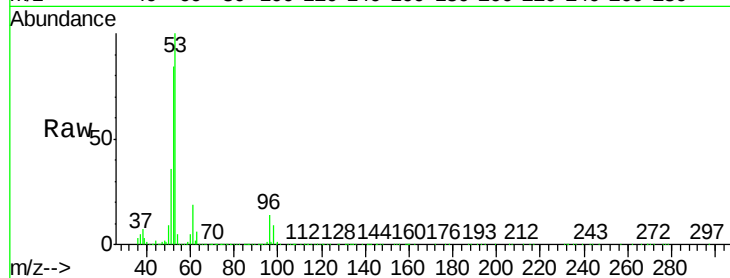
#15
Acrylonitrile
Concen: 98.541 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.2	99.4
51	35.9	28.7	43.1

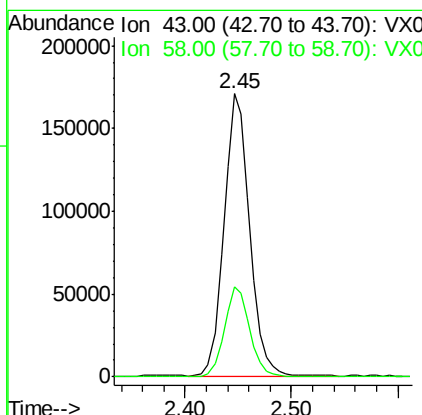
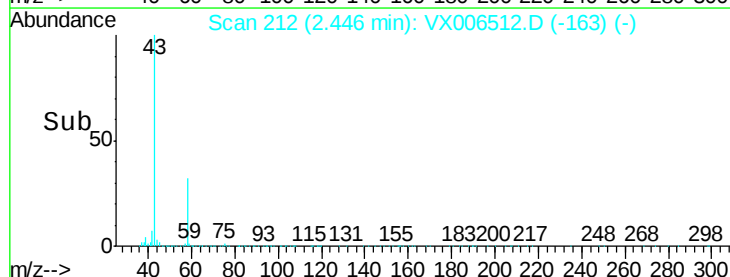
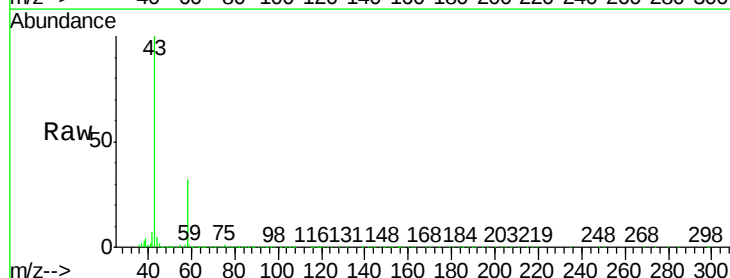
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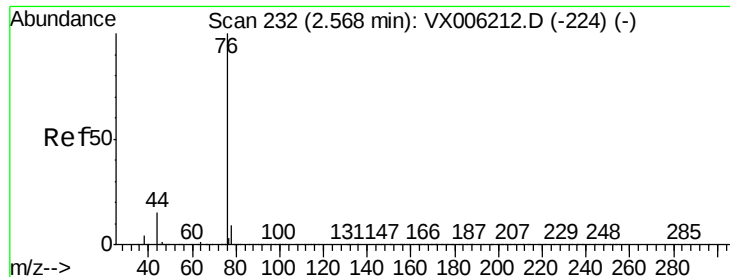
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#16
Acetone
Concen: 98.710 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.8	24.0	36.0





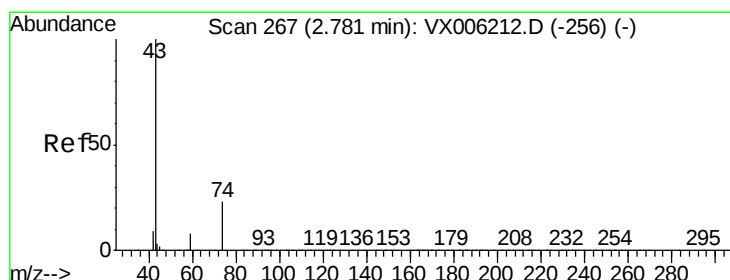
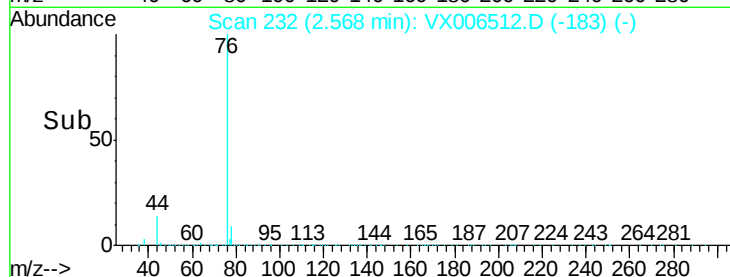
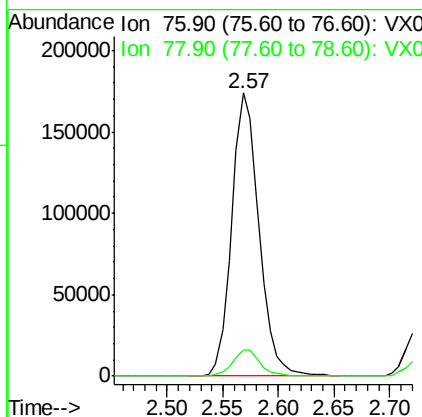
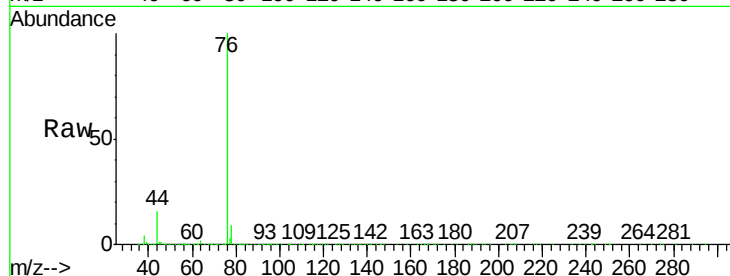
#17
Carbon Disulfide
Concen: 17.519 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

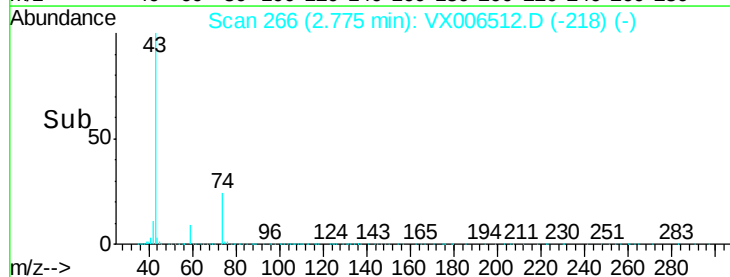
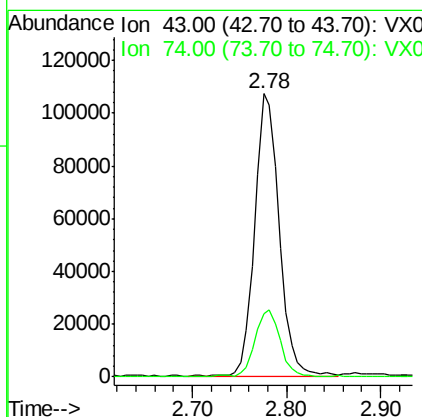
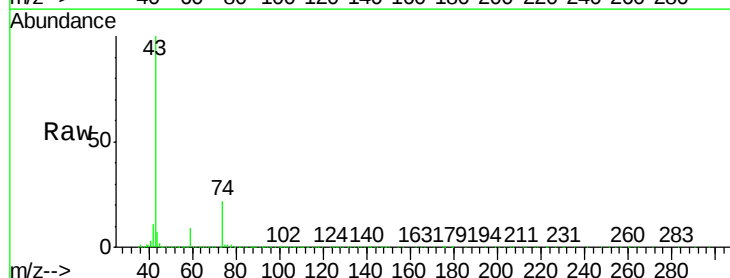
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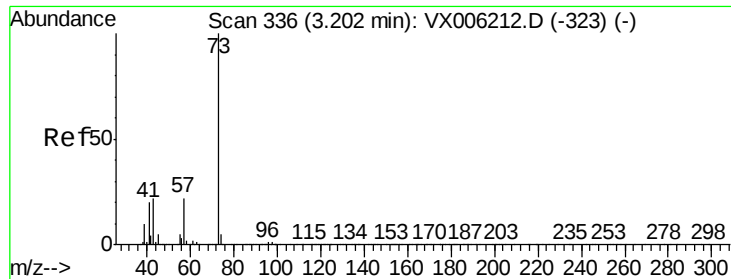
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#18
Methyl Acetate
Concen: 20.140 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	17.9	26.9





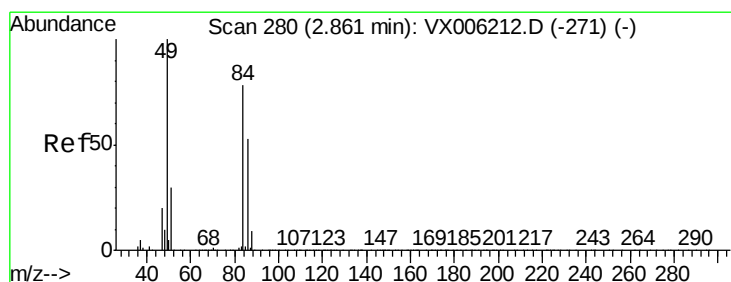
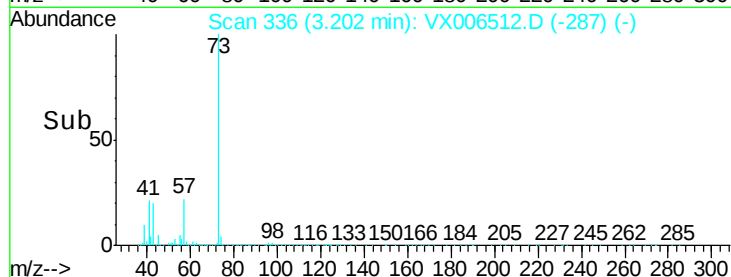
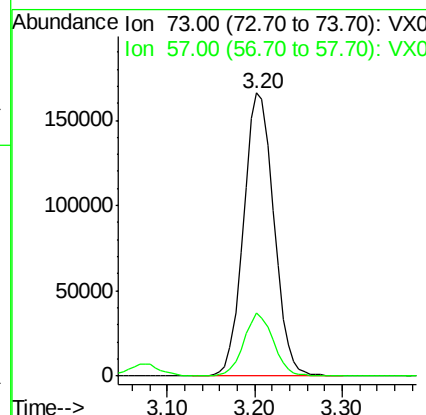
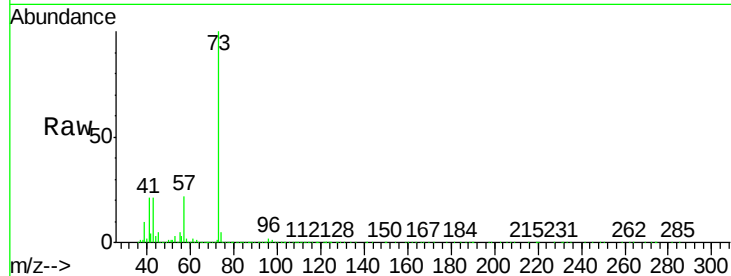
#19
Methyl tert-butyl Ether
Concen: 20.646 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 73 Resp: 400224
Ion Ratio Lower Upper
73 100
57 22.2 17.5 26.3

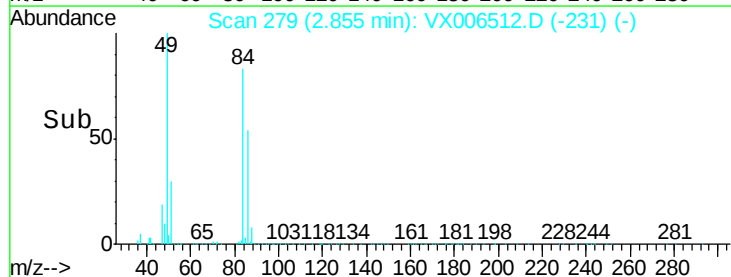
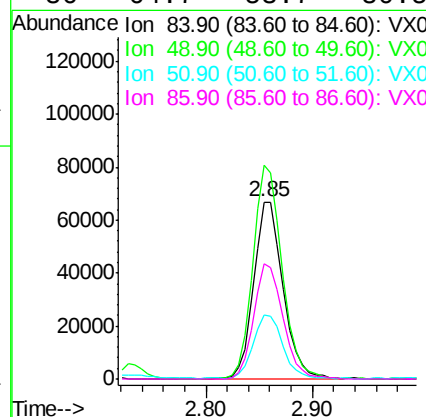
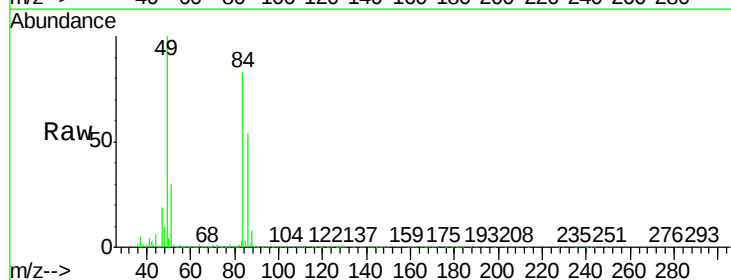
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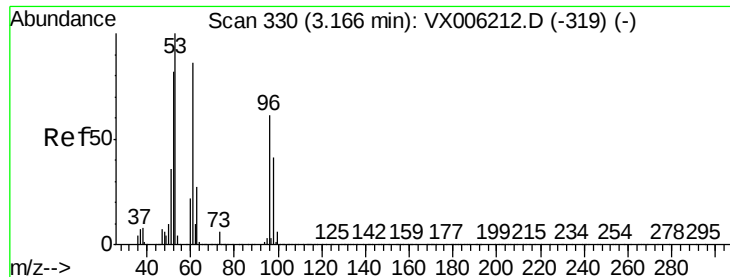
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#20
Methylene Chloride
Concen: 21.163 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion: 84 Resp: 129578
Ion Ratio Lower Upper
84 100
49 120.6 102.2 153.4
51 35.9 31.1 46.7
86 64.7 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 21.430 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

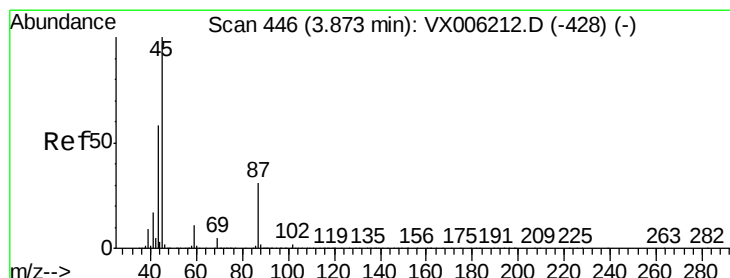
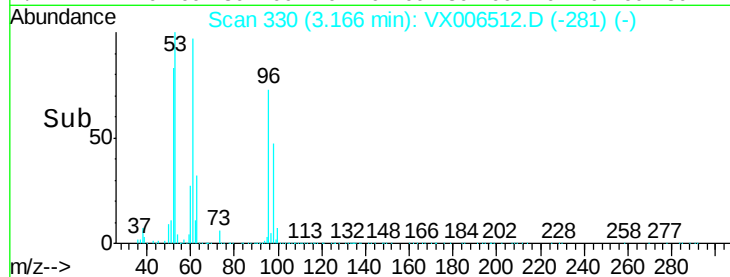
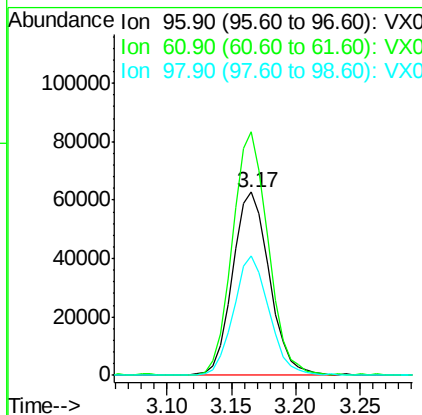
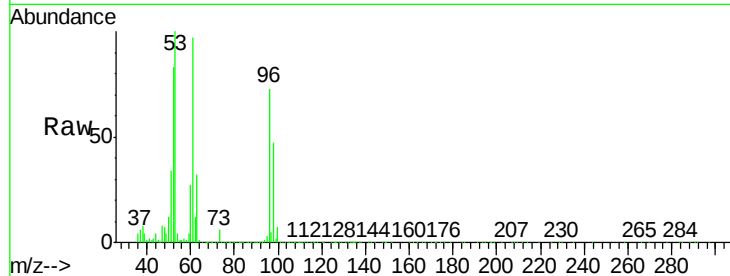
ClientSampleId :

VX1214WBS01

Tgt Ion:	96	Resp:	124101
Ion Ratio	Lower	Upper	
96	100		
61	132.9	113.3	169.9
98	65.1	53.2	79.8

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#22

Diisopropyl ether

Concen: 21.320 ug/l

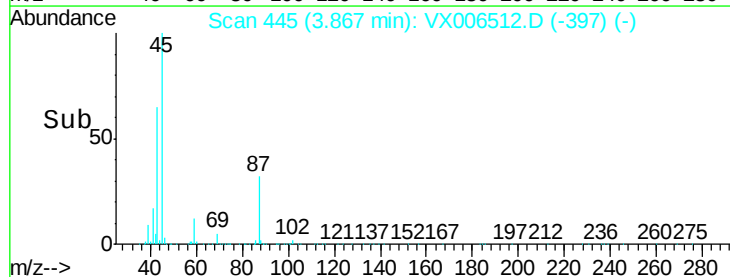
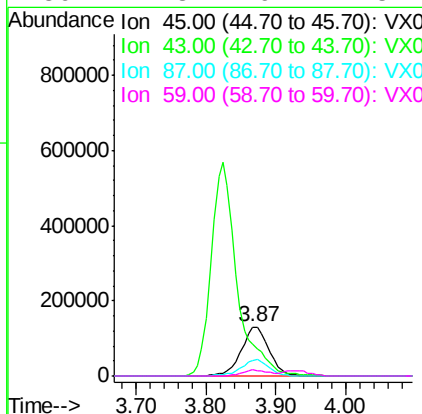
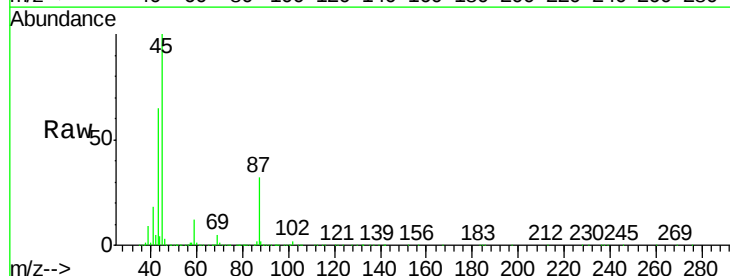
RT: 3.87 min Scan# 445

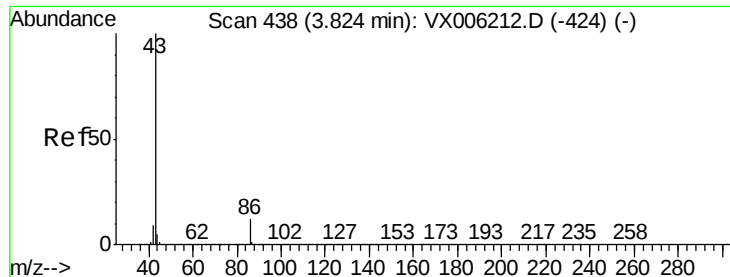
Delta R.T. -0.01 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Tgt Ion:	45	Resp:	357468
Ion Ratio	Lower	Upper	
45	100		
43	64.8	46.2	69.2
87	31.9	24.9	37.3
59	12.3	9.1	13.7





#23

Vinyl Acetate

Concen: 102.416 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 43 Resp: 1464607

Ion Ratio Lower Upper

43 100

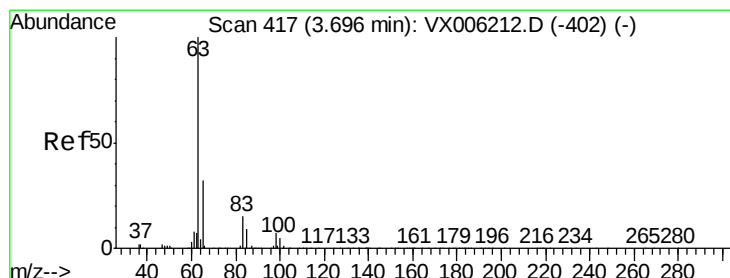
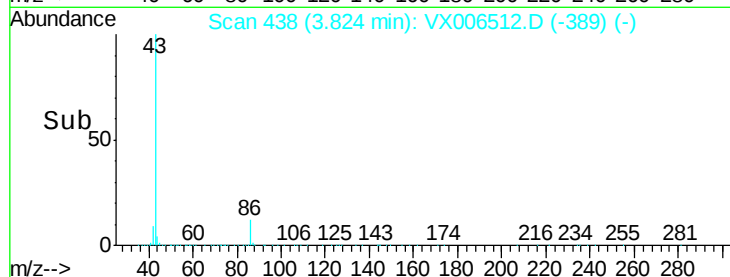
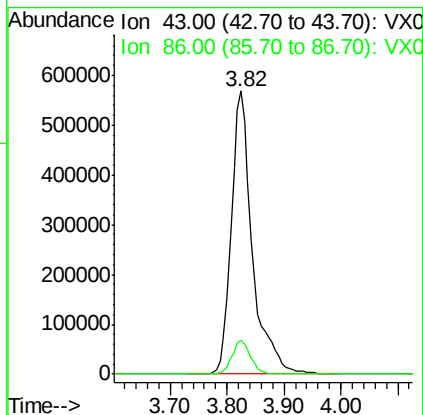
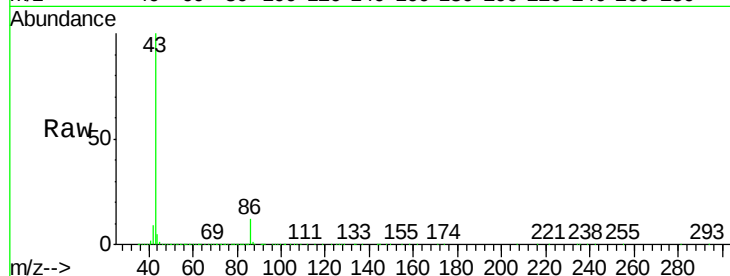
86 11.7 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 21.474 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

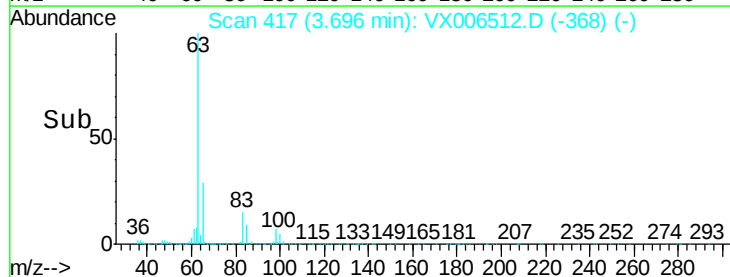
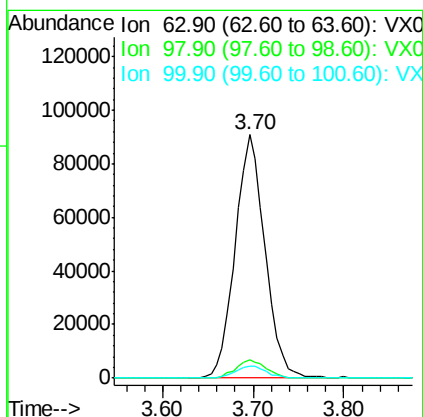
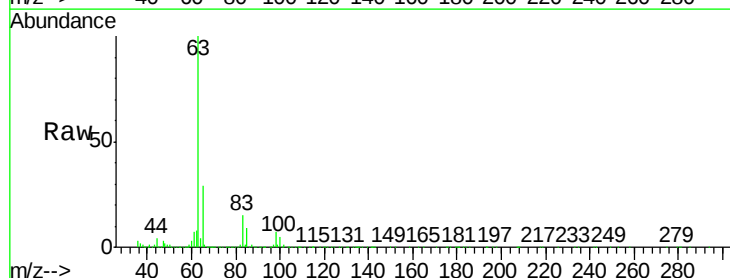
Tgt Ion: 63 Resp: 205793

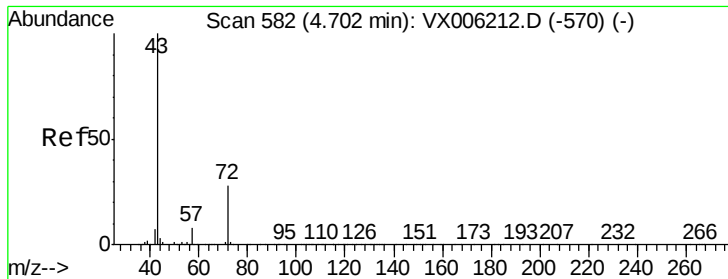
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 102.775 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 43 Resp: 421899

Ion Ratio Lower Upper

43 100

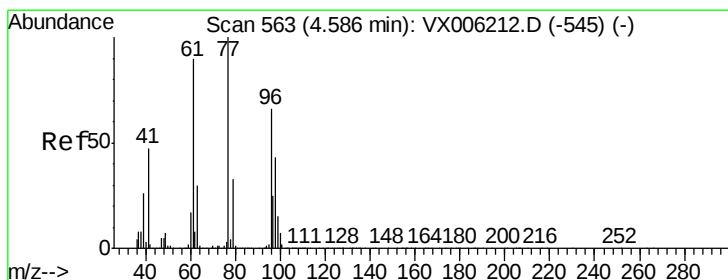
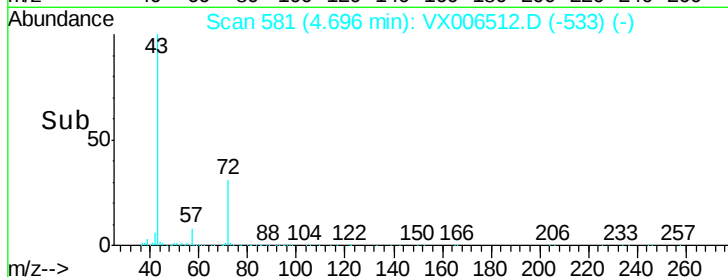
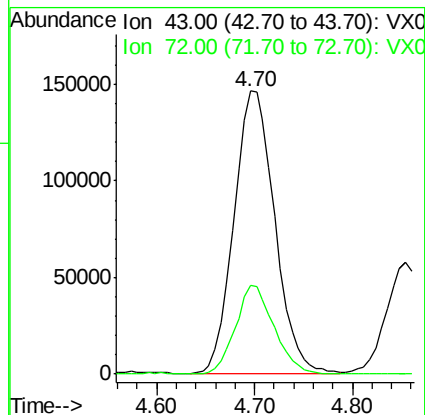
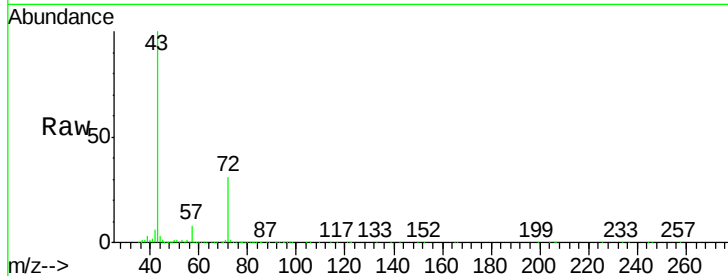
72 31.1 22.6 33.8

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#26

2,2-Dichloropropane

Concen: 19.803 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006512.D

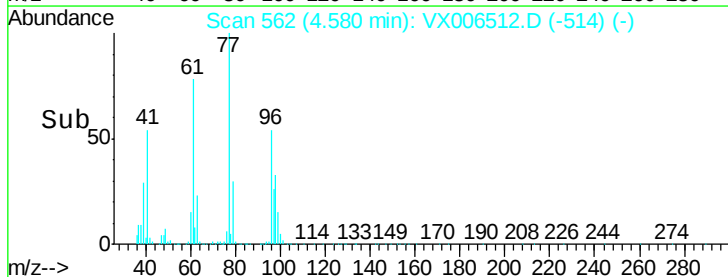
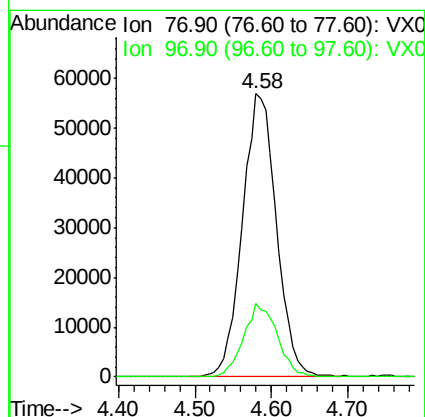
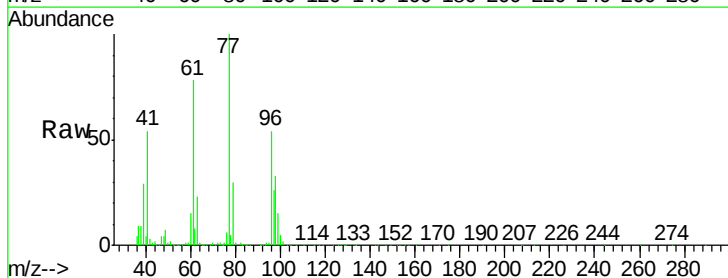
Acq: 14 Dec 2018 12:32

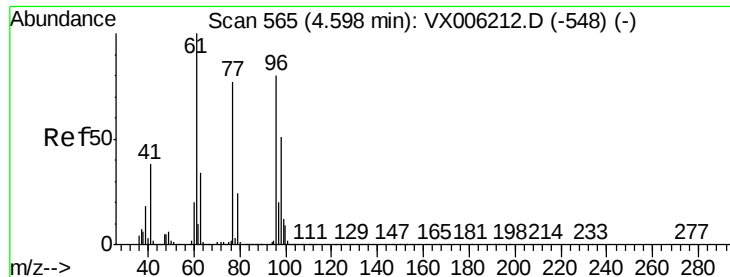
Tgt Ion: 77 Resp: 175148

Ion Ratio Lower Upper

77 100

97 25.8 12.3 36.8





#27

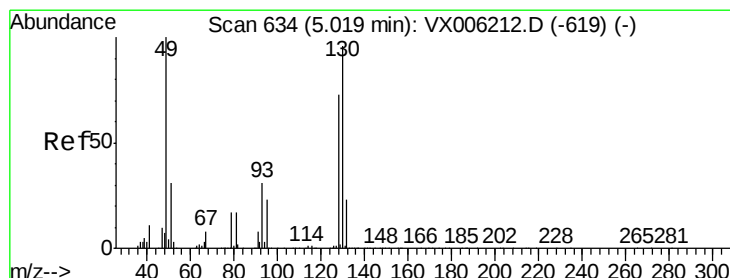
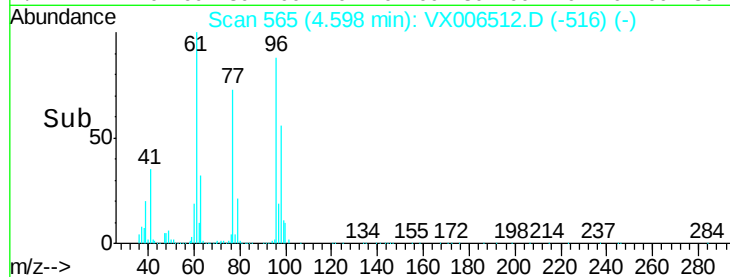
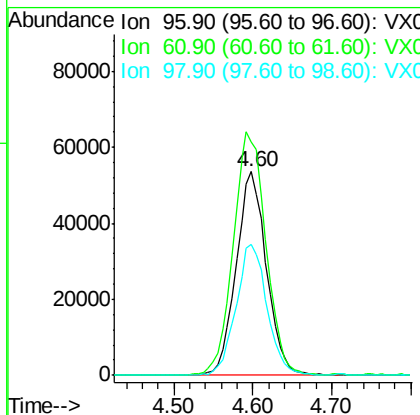
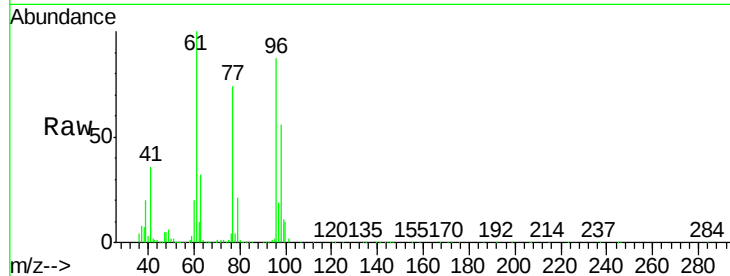
cis-1,2-Dichloroethene
Concen: 22.199 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	143391		
61	127.7	0.0	265.0	
98	65.9	0.0	130.2	

Manual Integrations
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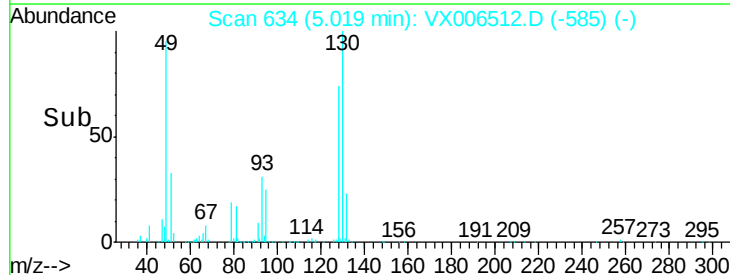
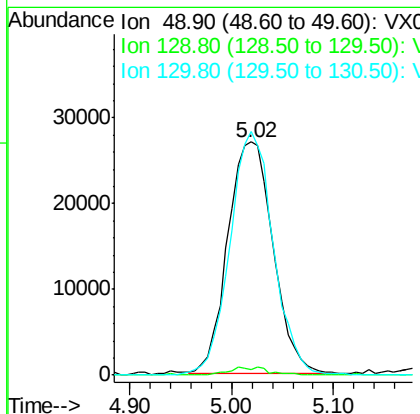
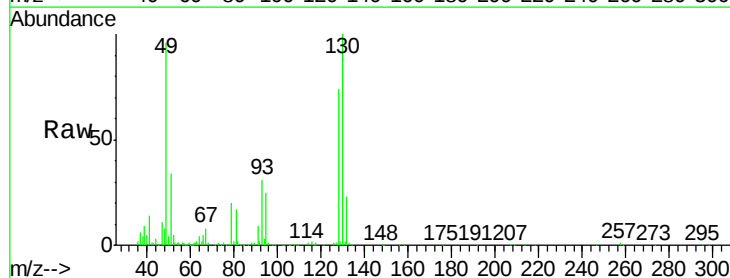
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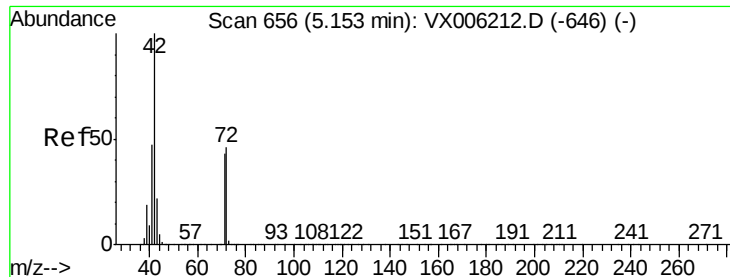


#28

Bromochloromethane
Concen: 20.029 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	83840		
129	2.9	0.0	5.0	
130	100.2	78.3	117.5	





#29

Tetrahydrofuran

Concen: 102.336 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

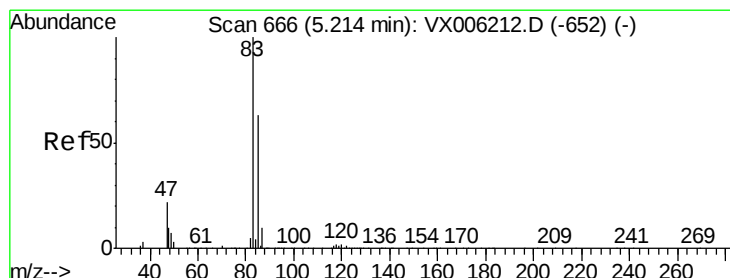
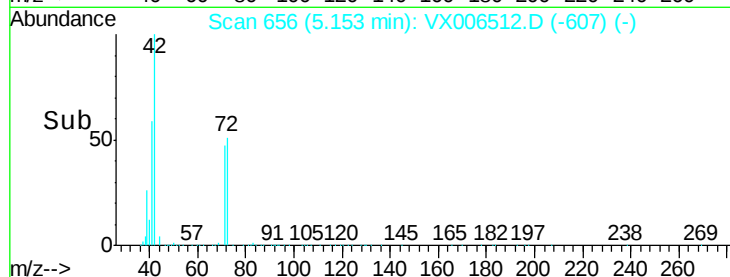
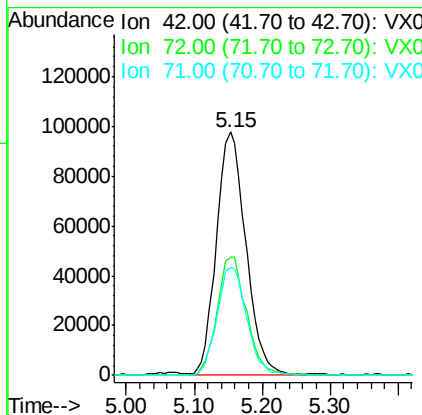
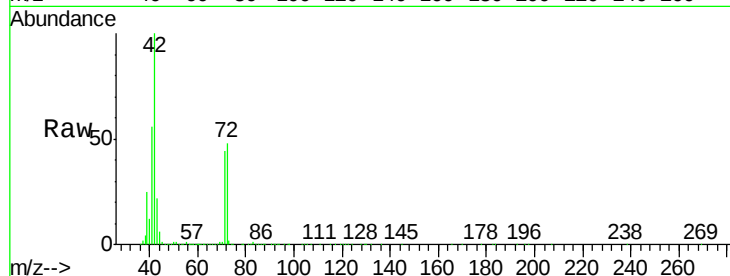
ClientSampleId :

VX1214WBS01

Tgt Ion:	42	Resp:	291968
Ion Ratio		Lower	Upper
42	100		
72	49.2	37.8	56.8
71	45.2	35.2	52.8

Manual Integrations
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#30

Chloroform

Concen: 22.128 ug/l

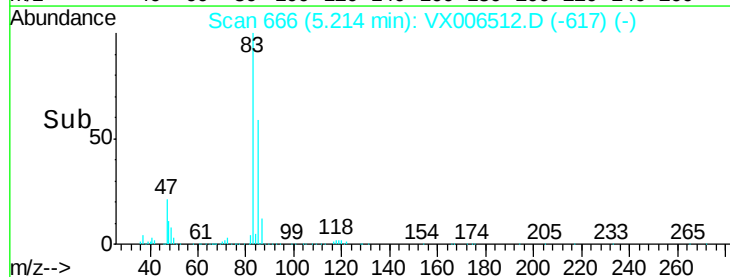
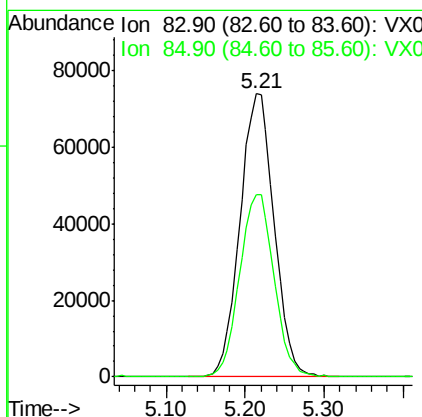
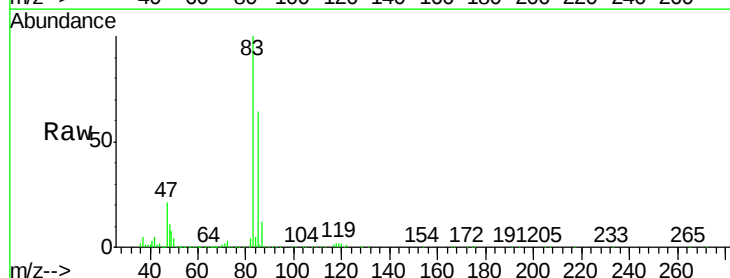
RT: 5.21 min Scan# 666

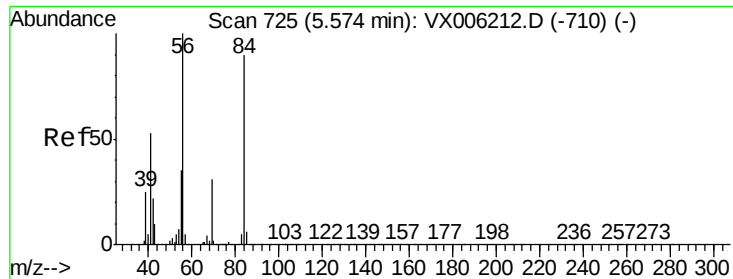
Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Tgt Ion:	83	Resp:	222848
Ion Ratio		Lower	Upper
83	100		
85	64.3	50.3	75.5





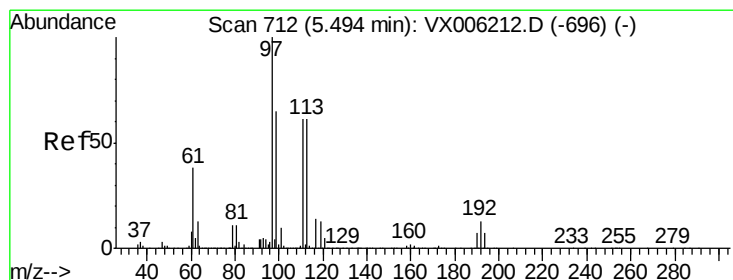
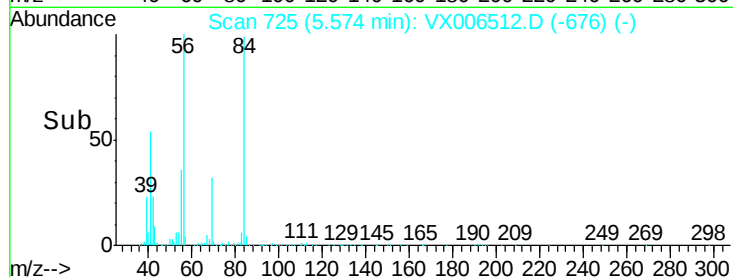
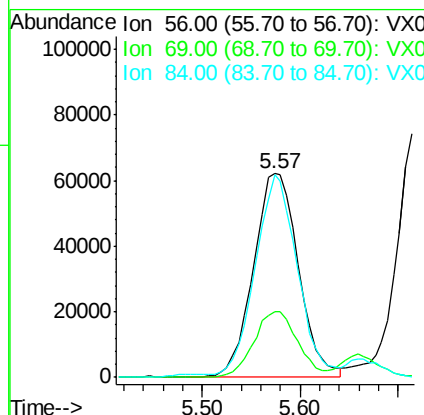
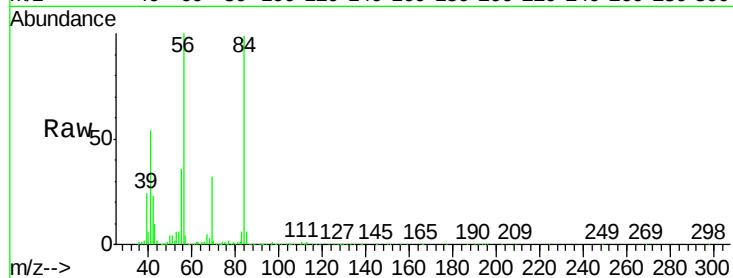
#31
Cyclohexane
Concen: 22.252 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.4	24.5	36.7
84	98.0	71.8	107.6

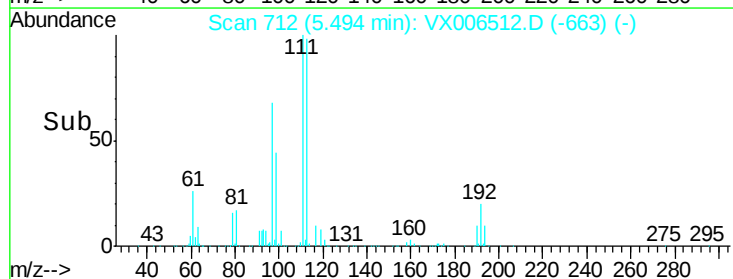
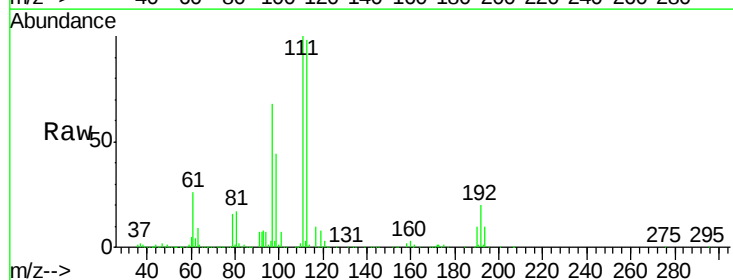
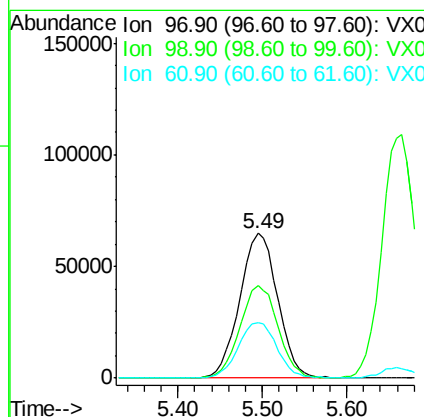
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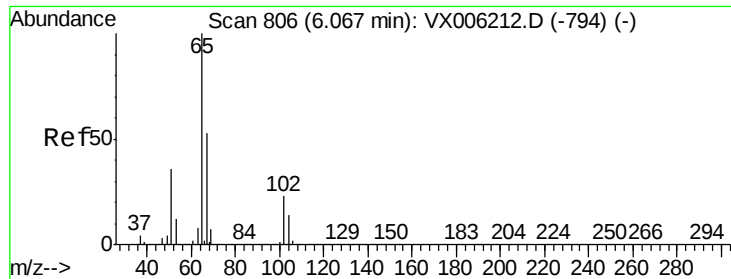
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#32
1,1,1-Trichloroethane
Concen: 20.647 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	38.9	30.6	46.0





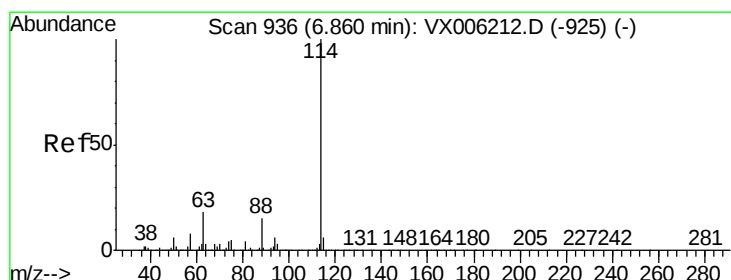
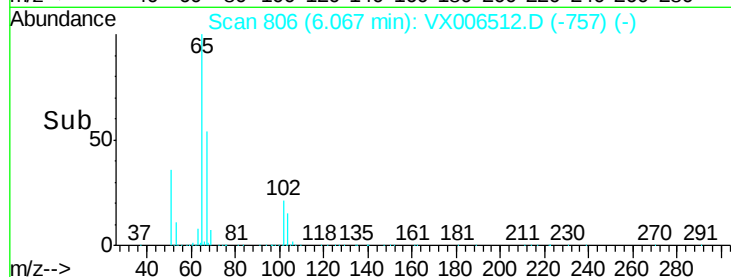
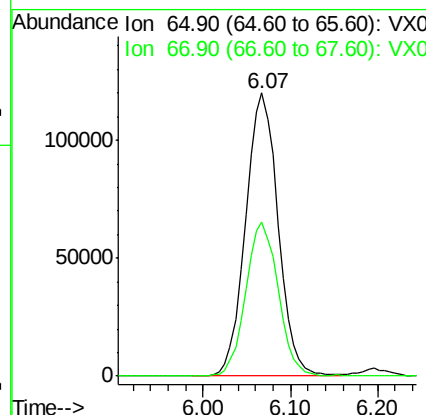
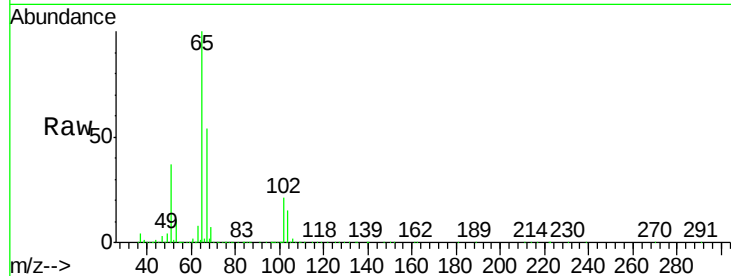
#33
 1,2-Dichloroethane-d4
 Concen: 50.615 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006512.D
 Acq: 14 Dec 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	310293		
67	54.5	0.0	107.2	

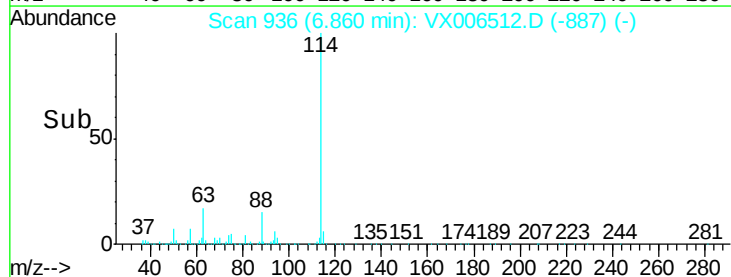
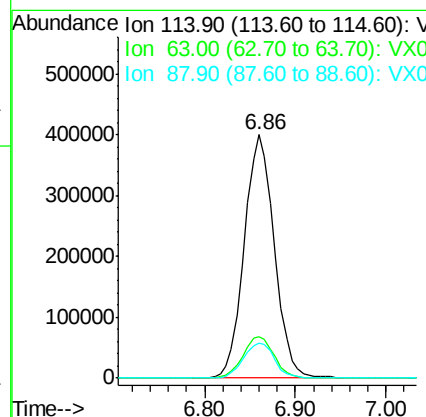
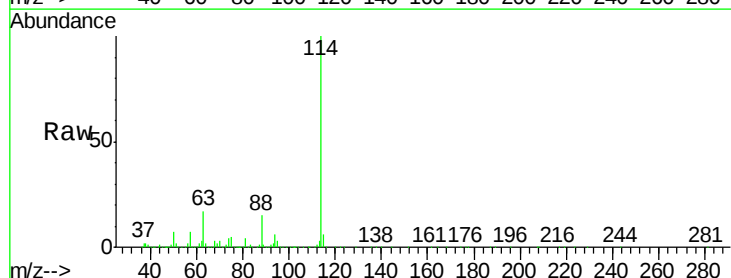
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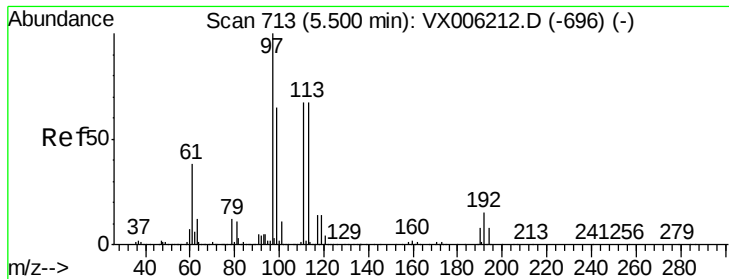
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006512.D
 Acq: 14 Dec 2018 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	916472		
63	17.2	0.0	36.6	
88	14.5	0.0	29.0	





#35

Dibromofluoromethane

Concen: 48.550 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006512.D

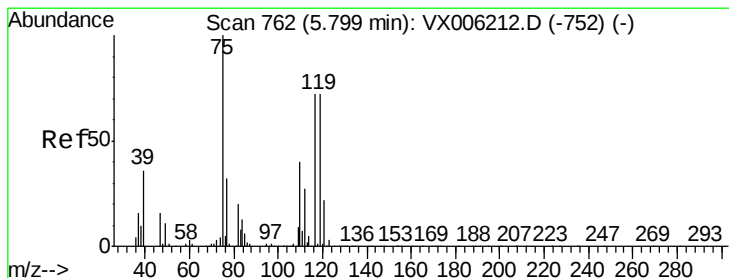
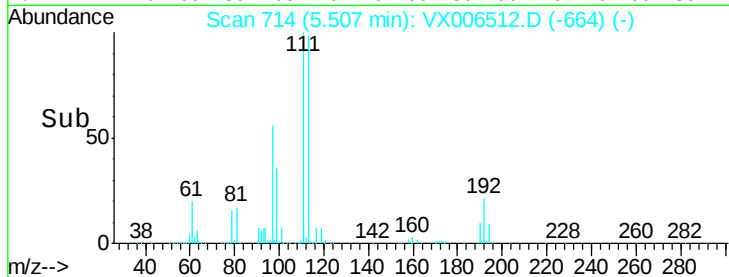
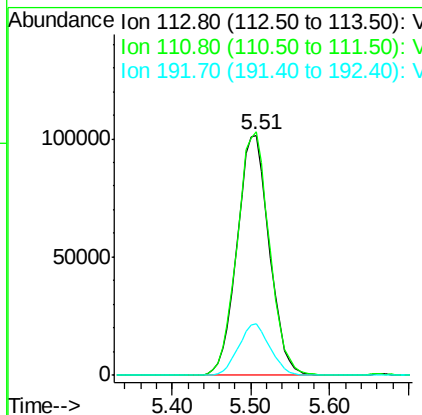
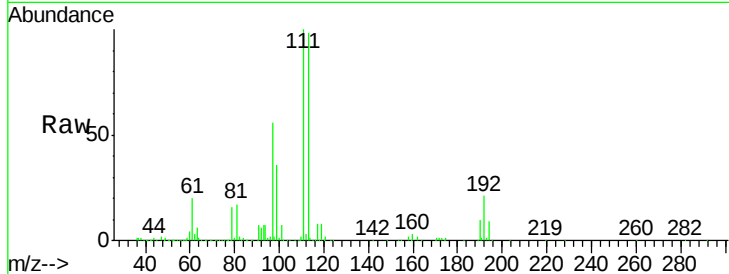
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion:	113	Resp:	288083
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.1	121.7
192	21.0	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 21.740 ug/l

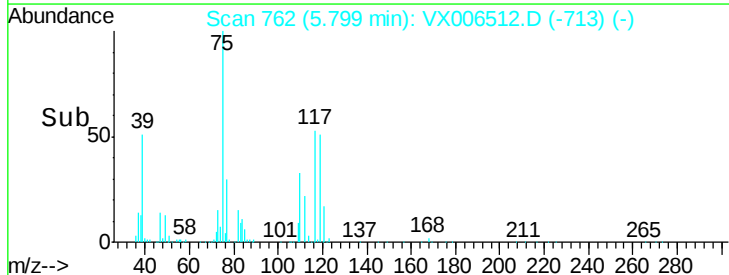
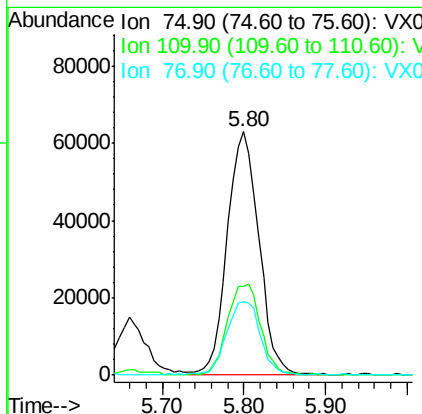
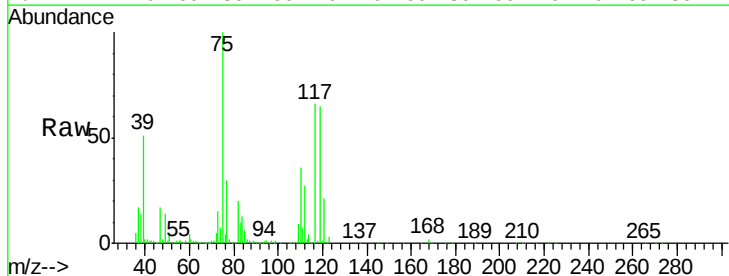
RT: 5.80 min Scan# 762

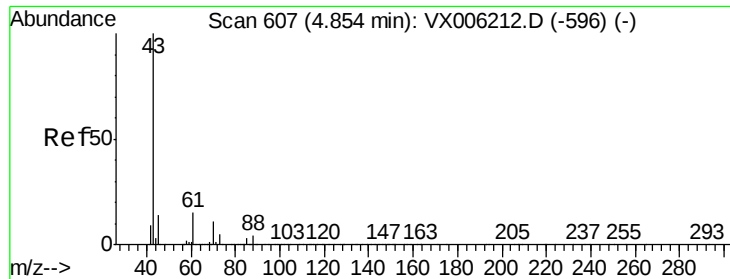
Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Tgt Ion:	75	Resp:	167784
Ion Ratio	Lower	Upper	
75	100		
110	39.3	20.4	61.3
77	31.5	24.9	37.3





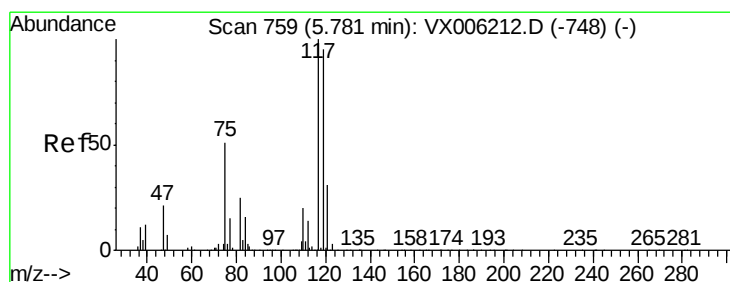
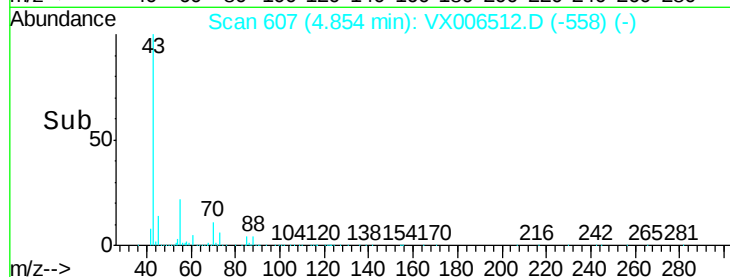
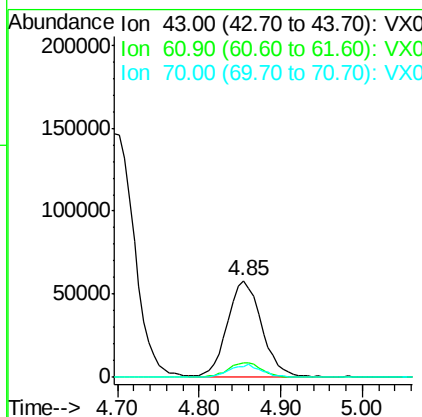
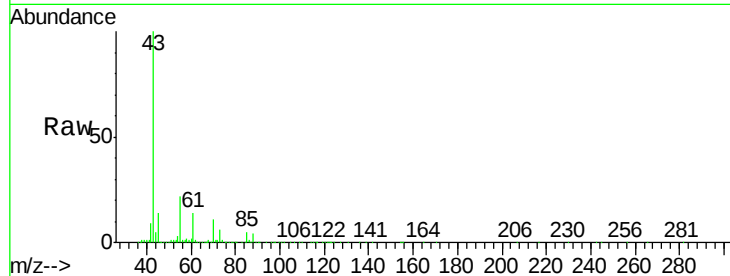
#37
Ethyl Acetate
Concen: 19.533 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	12.5	9.0	13.6

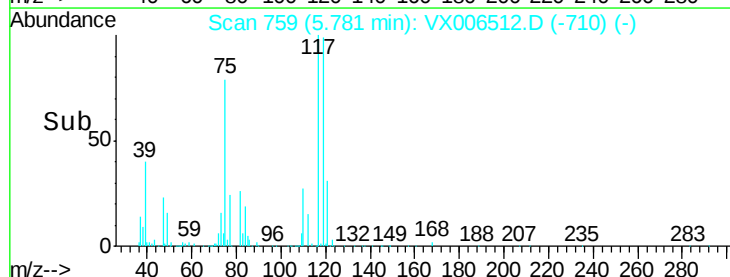
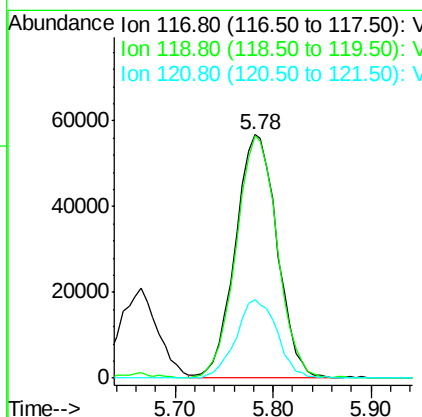
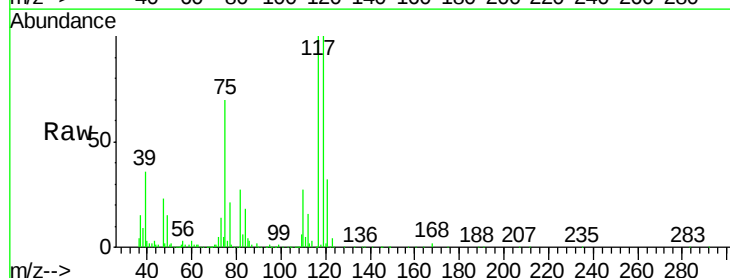
Manual Integrations
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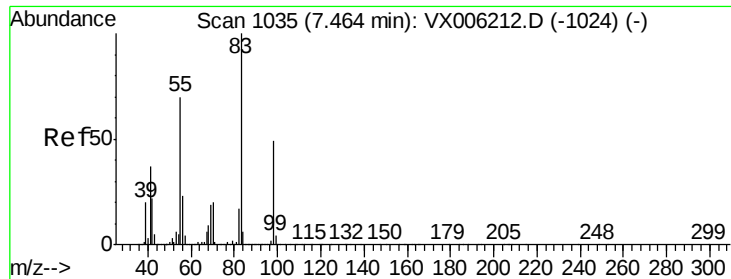
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#38
Carbon Tetrachloride
Concen: 18.522 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.7	75.8	113.8
121	32.0	24.6	37.0





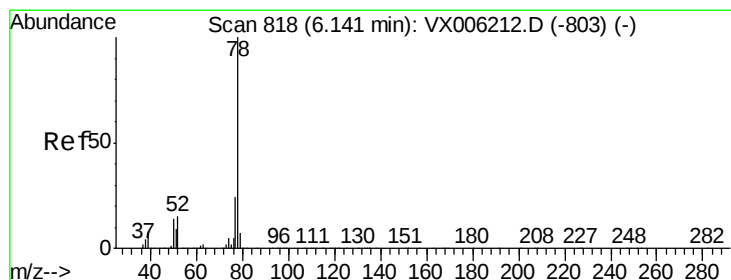
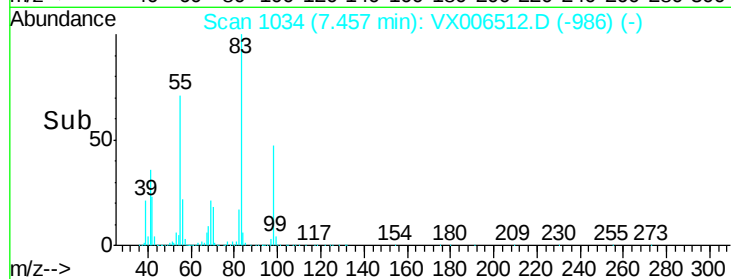
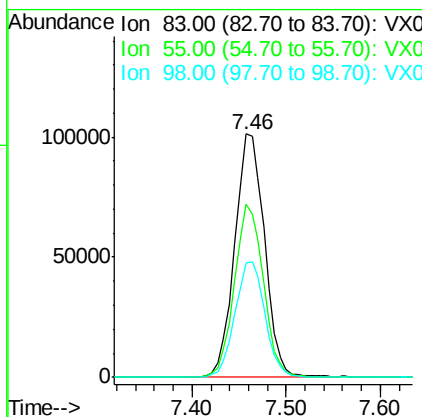
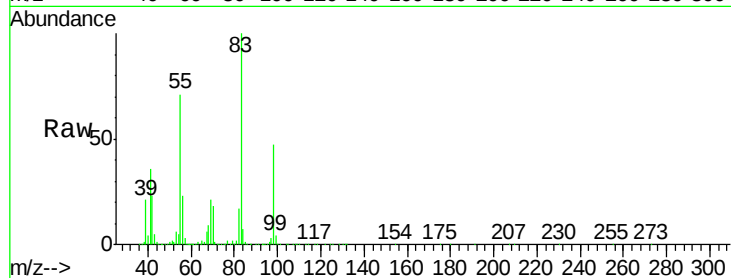
#39
Methylcyclohexane
Concen: 22.291 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
55	71.3	56.4	84.6
98	46.9	39.0	58.6

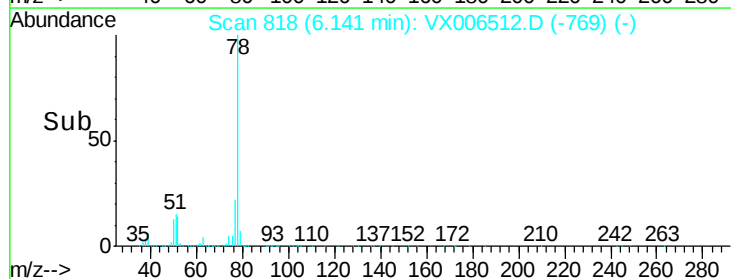
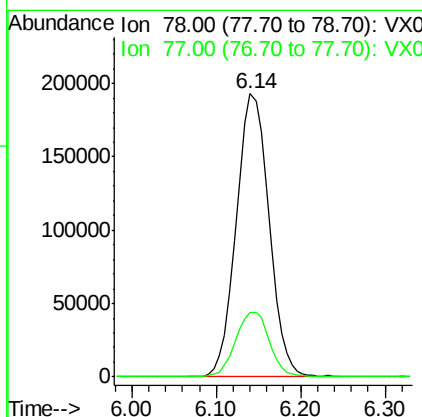
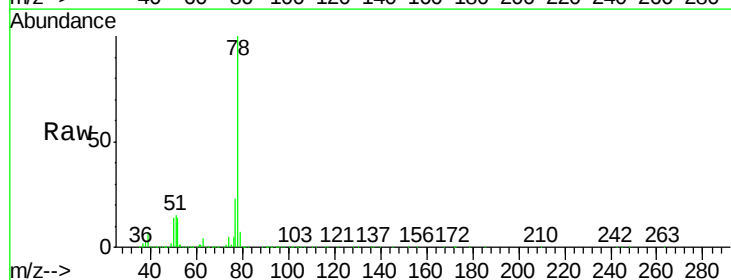
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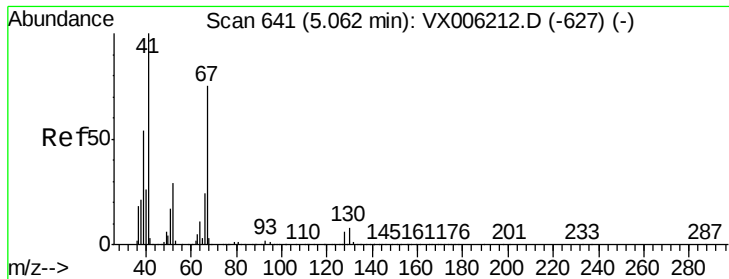
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#40
Benzene
Concen: 21.875 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
78	100		
77	22.7	19.2	28.8





#41

Methacrylonitrile

Concen: 19.233 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

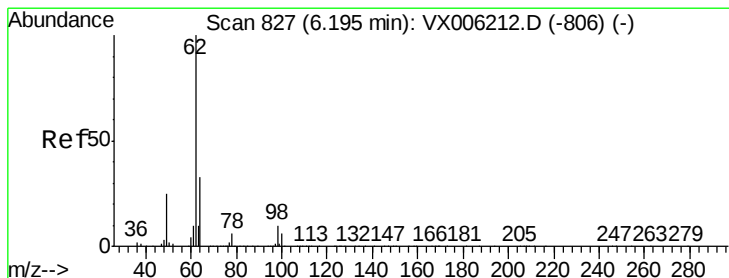
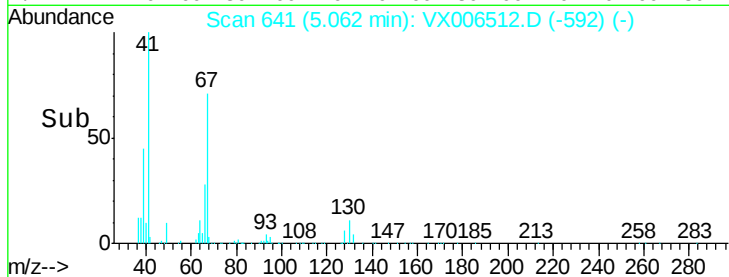
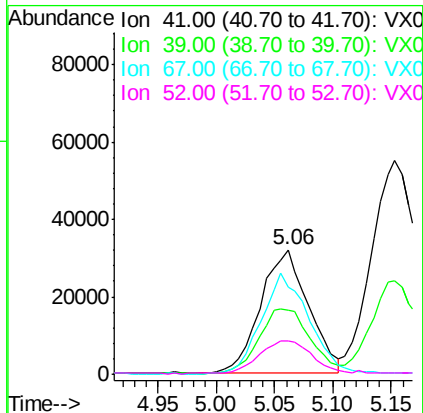
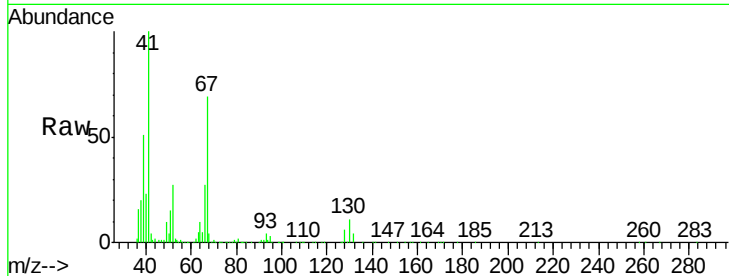
ClientSampleId :

VX1214WBS01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.1	44.0	66.0	
67	80.9	61.4	92.0	
52	29.6	23.5	35.3	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 22.026 ug/l

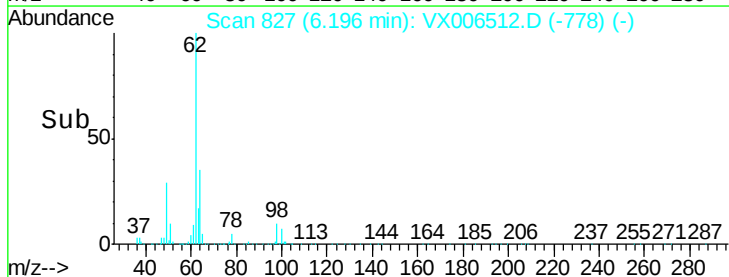
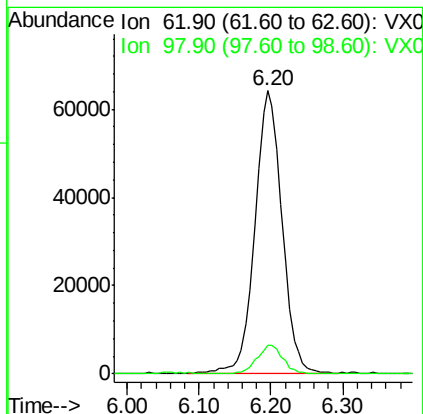
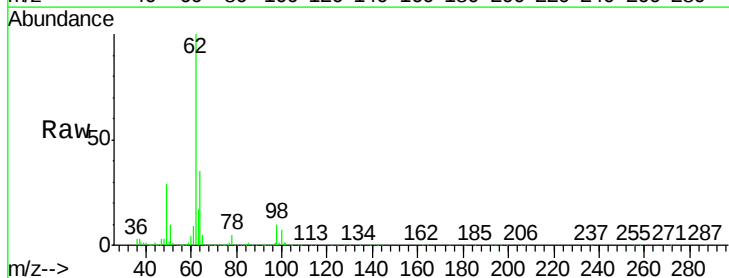
RT: 6.20 min Scan# 827

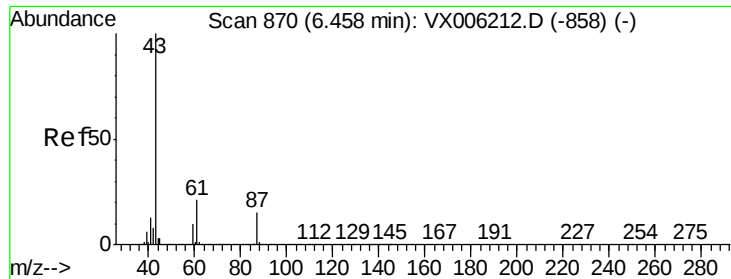
Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.2	





#43

Isopropyl Acetate

Concen: 18.664 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

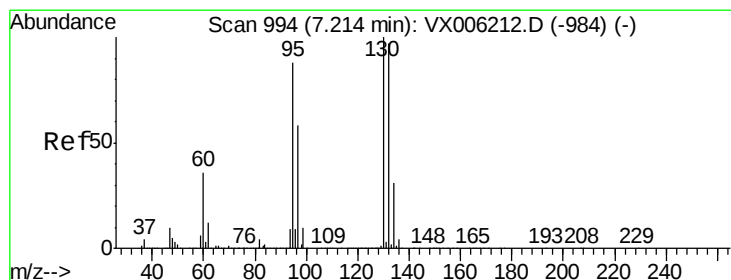
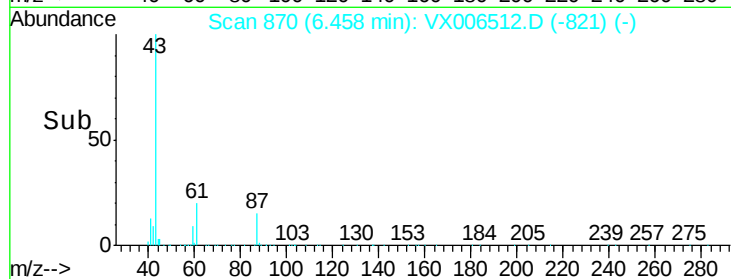
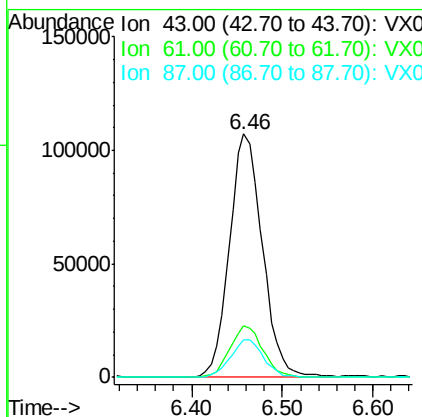
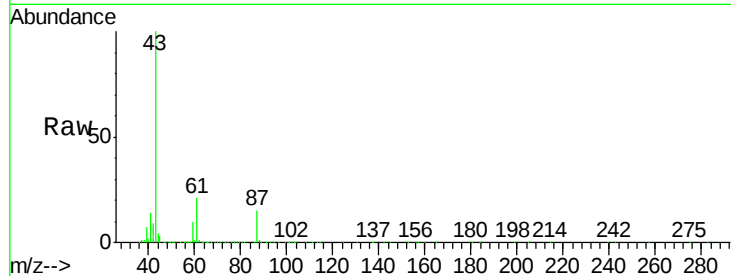
ClientSampleId :

VX1214WBS01

Tgt Ion:	43	Resp:	268946
Ion Ratio		Lower	Upper
43	100		
61	21.3	16.8	25.2
87	15.3	11.9	17.9

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#44

Trichloroethene

Concen: 21.240 ug/l

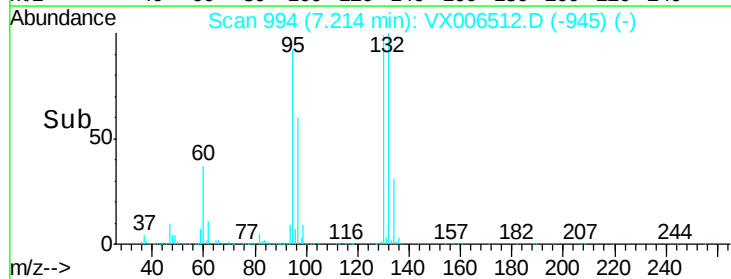
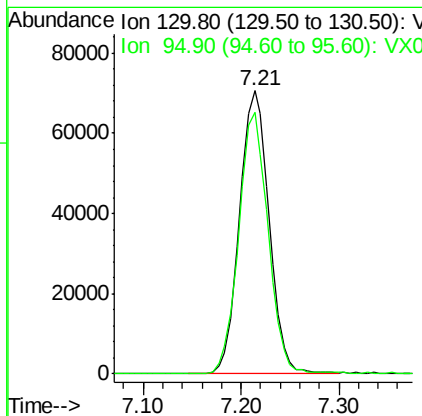
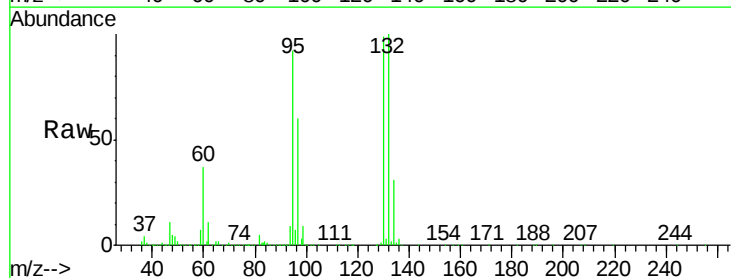
RT: 7.21 min Scan# 994

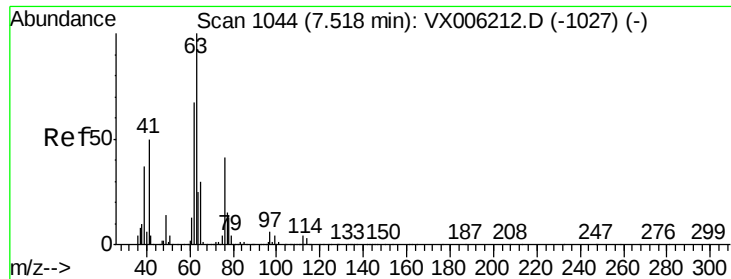
Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Tgt Ion:	130	Resp:	148737
Ion Ratio		Lower	Upper
130	100		
95	92.3	0.0	175.8





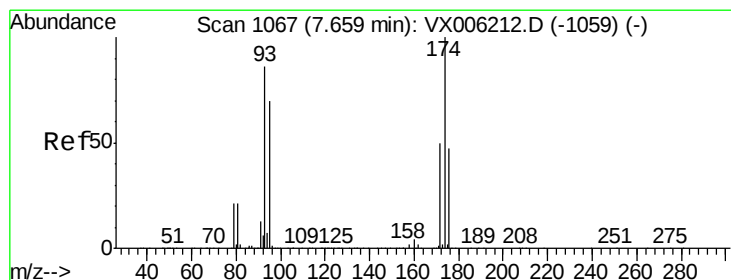
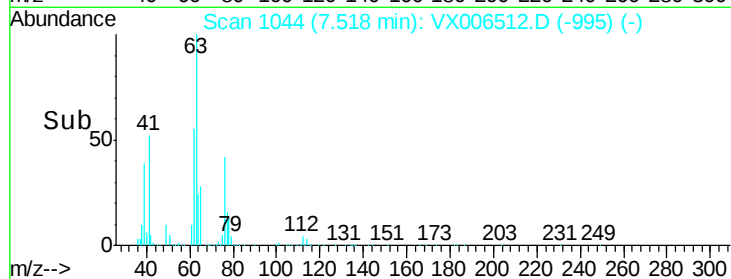
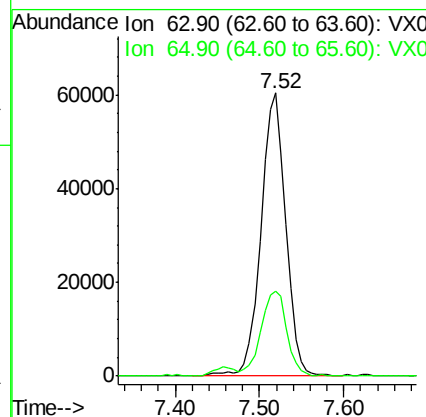
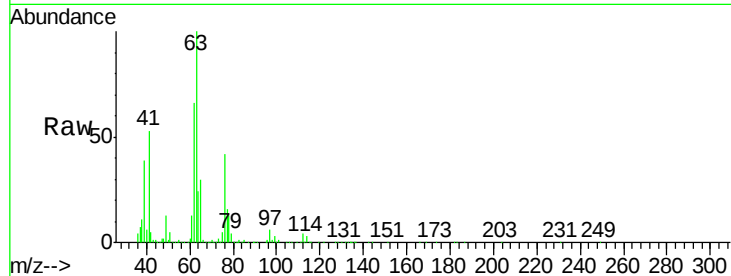
#45
 1,2-Dichloropropane
 Concen: 20.735 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006512.D
 Acq: 14 Dec 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	29.7	24.3	36.5

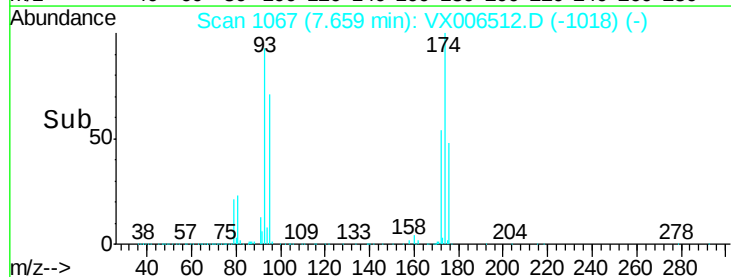
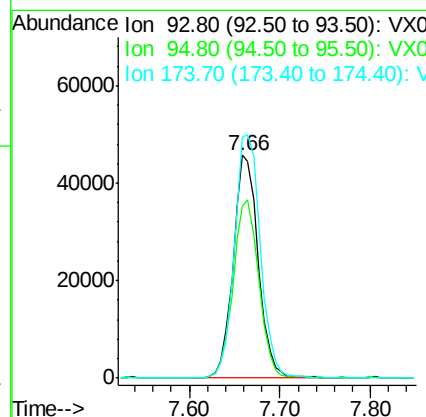
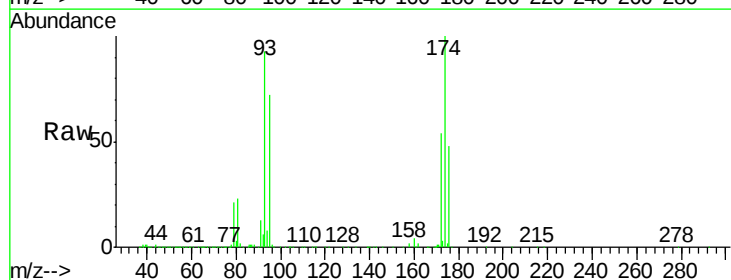
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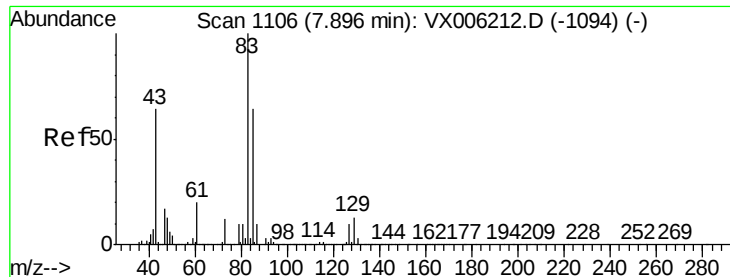
MMDadoda
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#46
 Dibromomethane
 Concen: 20.867 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX006512.D
 Acq: 14 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	66.2	99.4
174	113.1	97.2	145.8





#47

Bromodichloromethane

Concen: 18.638 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

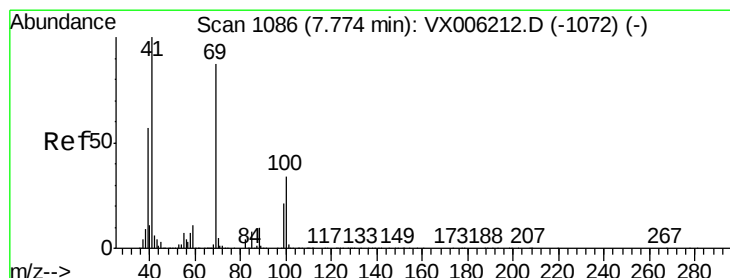
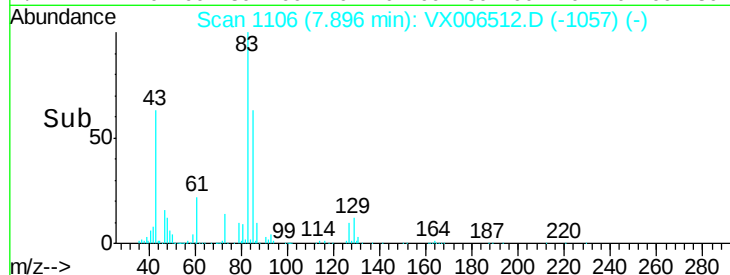
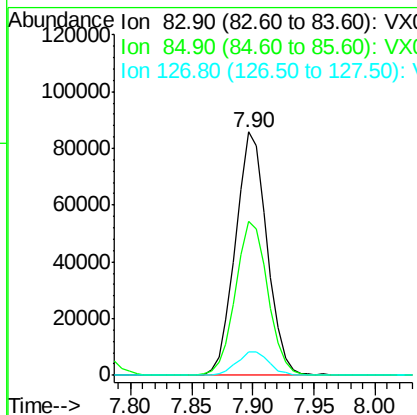
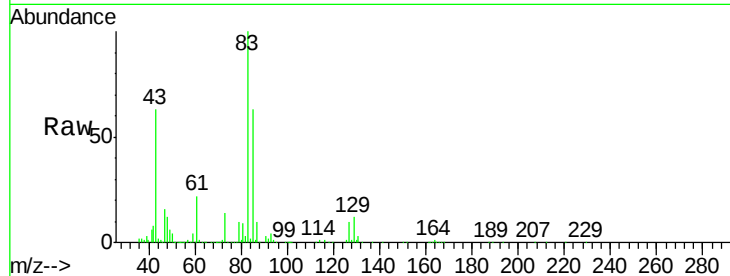
ClientSampleId :

VX1214WBS01

Tgt Ion:	83	Resp:	153138
Ion Ratio	Lower	Upper	
83	100		
85	63.3	51.4	77.0
127	9.6	7.9	11.9

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#48

Methyl methacrylate

Concen: 19.139 ug/l

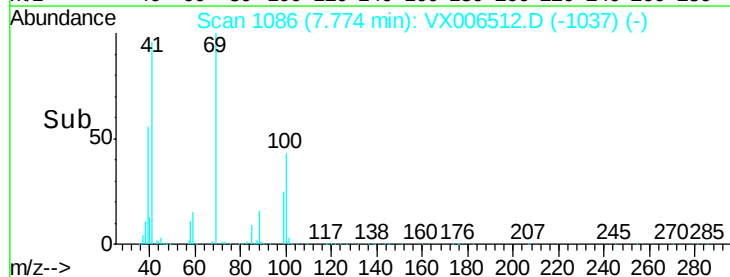
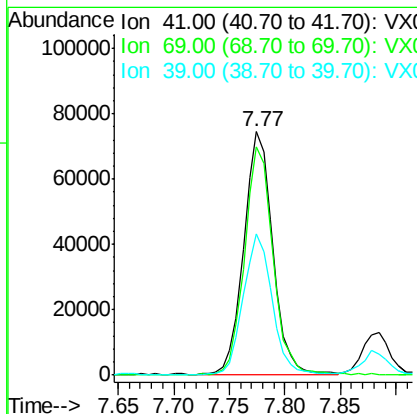
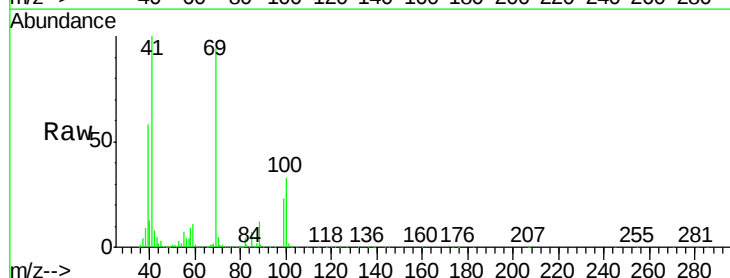
RT: 7.77 min Scan# 1086

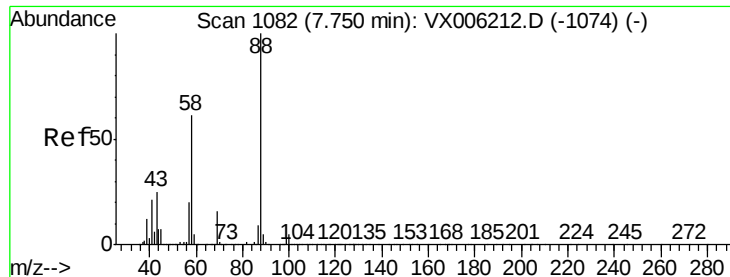
Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Tgt Ion:	41	Resp:	134166
Ion Ratio	Lower	Upper	
41	100		
69	93.8	70.3	105.5
39	57.7	45.3	67.9





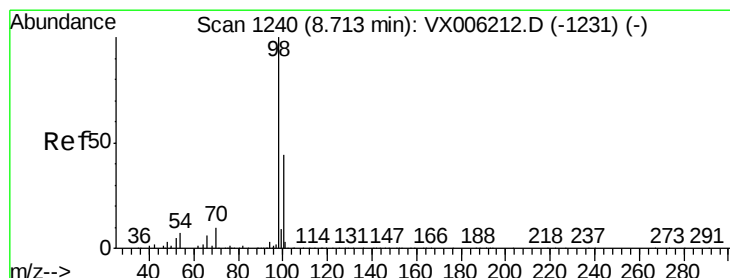
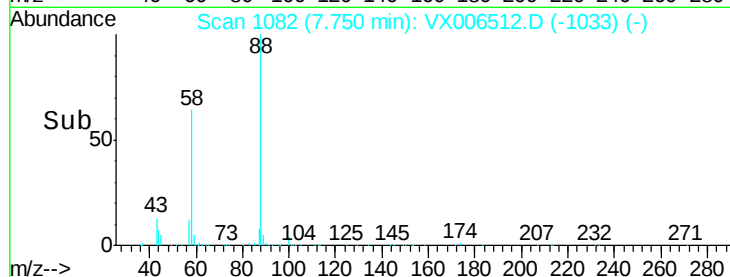
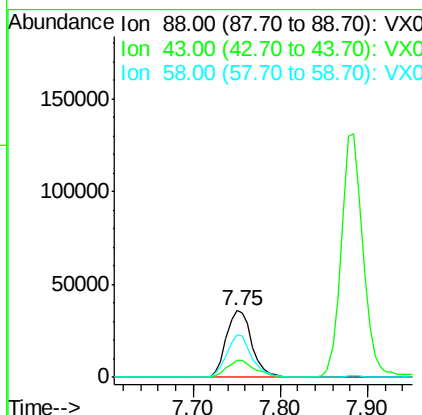
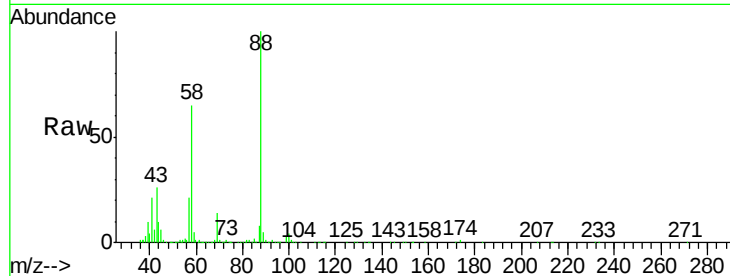
#49
1,4-Dioxane
Concen: 422.362 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.0	23.2	34.8
58	62.3	51.4	77.0

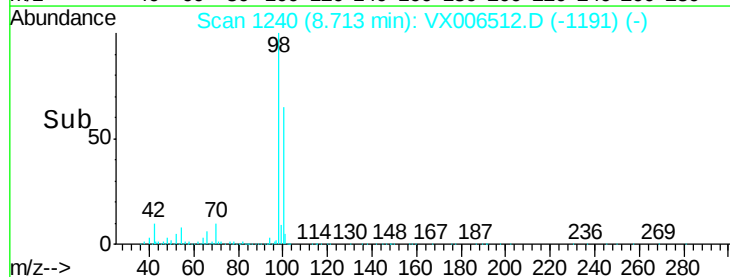
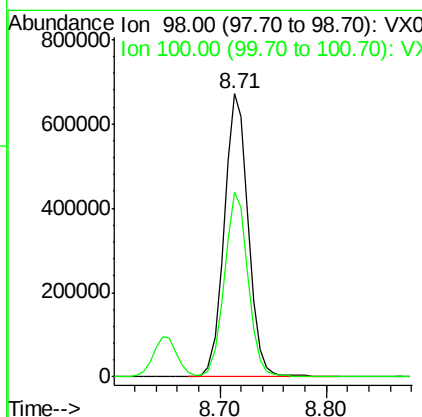
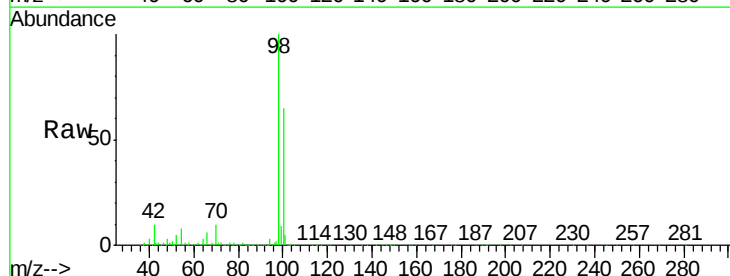
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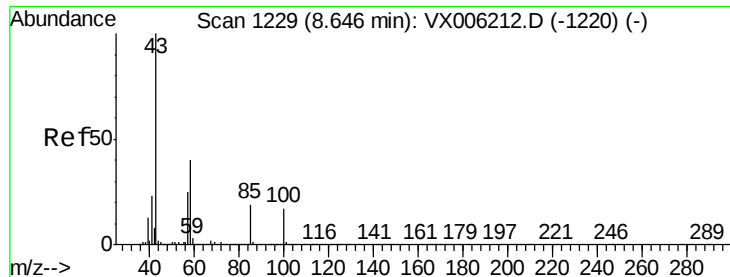
MMDadoda
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#50
Toluene-d8
Concen: 48.902 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2





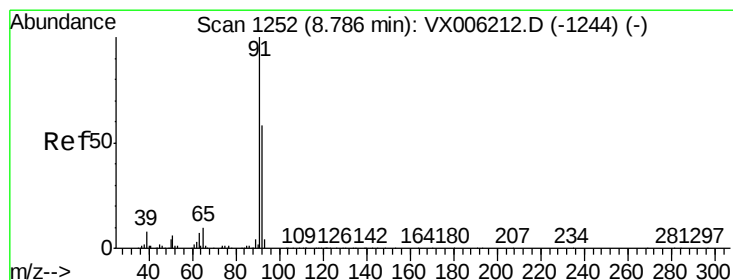
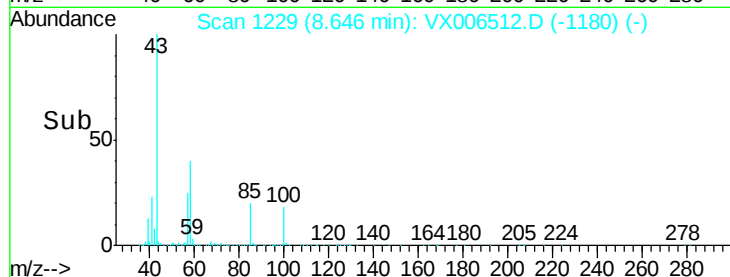
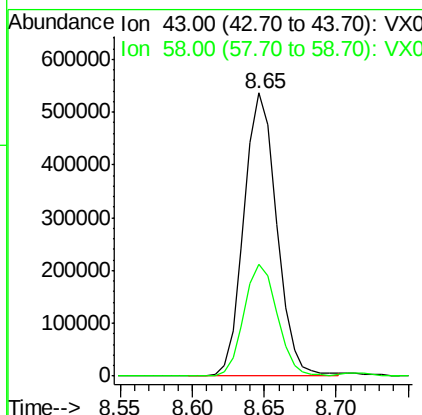
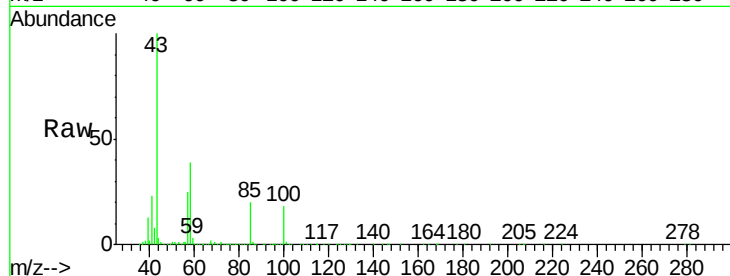
#51
4-Methyl-2-Pentanone
Concen: 100.781 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 43 Resp: 845418
Ion Ratio Lower Upper
43 100
58 40.3 31.3 46.9

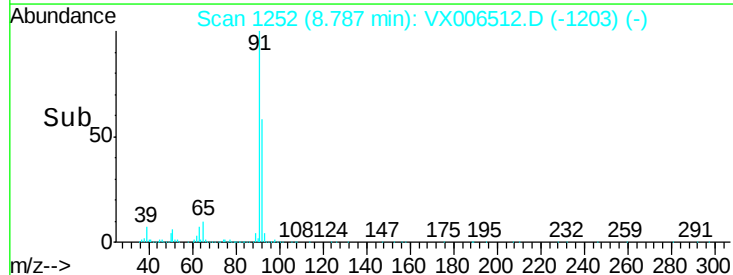
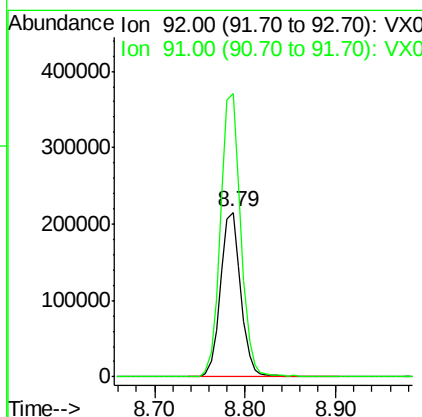
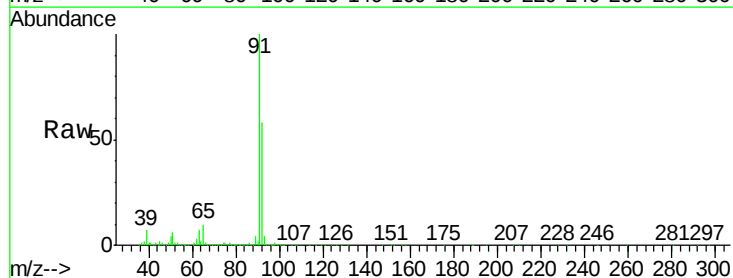
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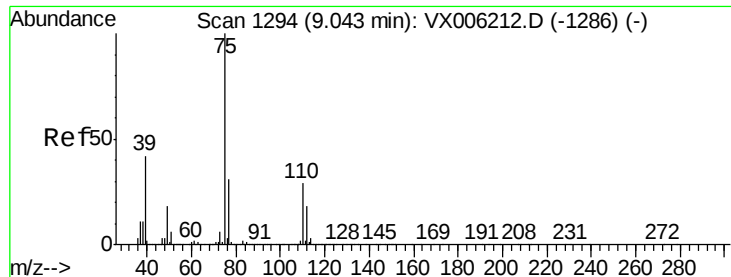
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#52
Toluene
Concen: 22.110 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion: 92 Resp: 336237
Ion Ratio Lower Upper
92 100
91 172.3 139.2 208.8





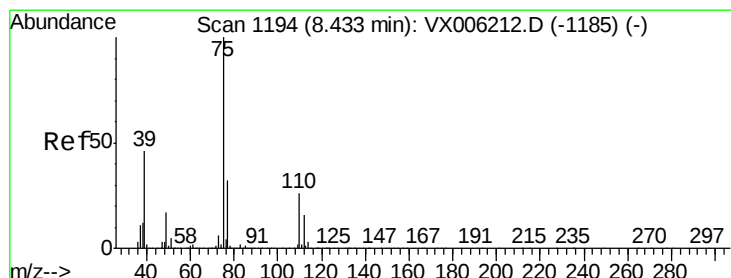
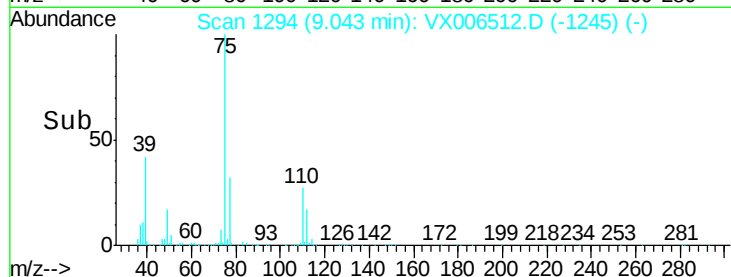
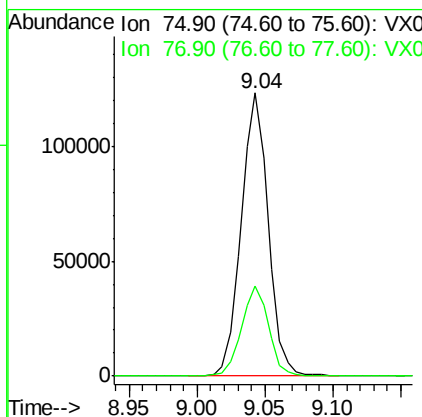
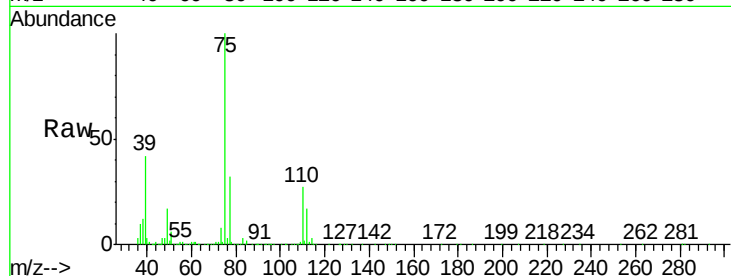
#53
t-1,3-Dichloropropene
Concen: 17.685 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 75 Resp: 169941
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4

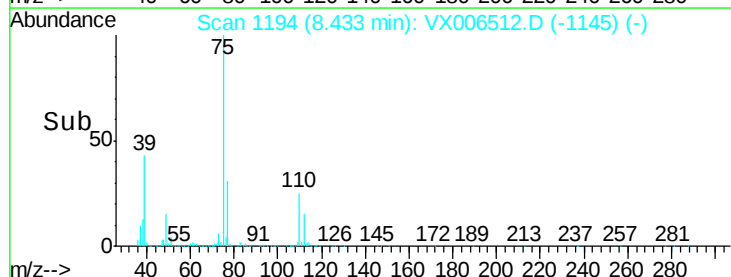
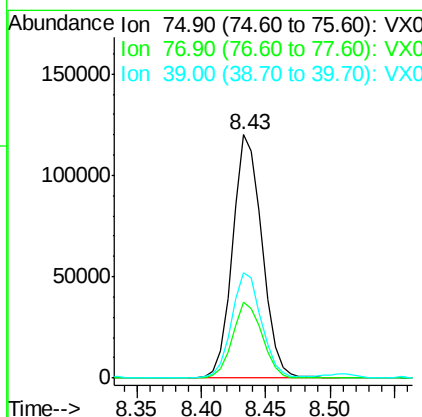
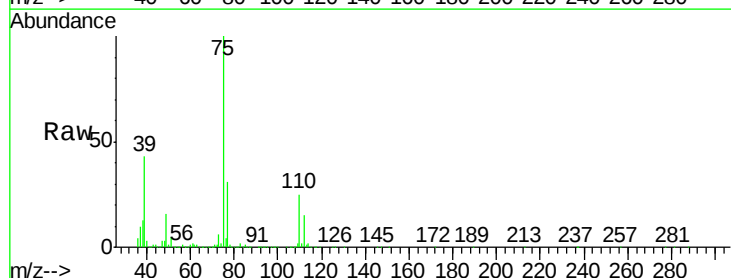
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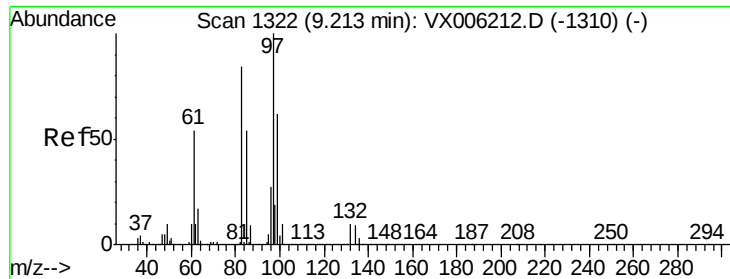
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#54
cis-1,3-Dichloropropene
Concen: 19.120 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion: 75 Resp: 190780
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4
39 43.0 36.5 54.7





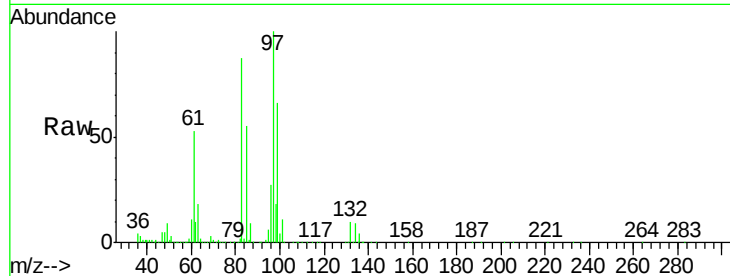
#55
 1,1,2-Trichloroethane
 Concen: 22.086 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006512.D
 Acq: 14 Dec 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01

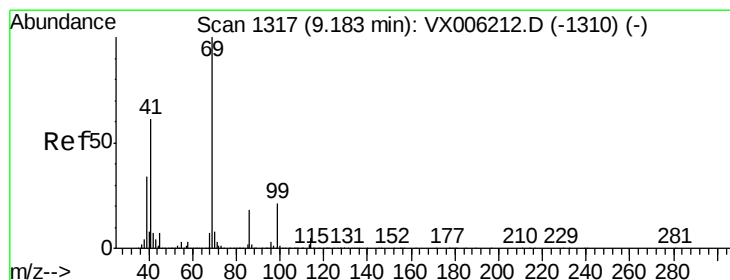
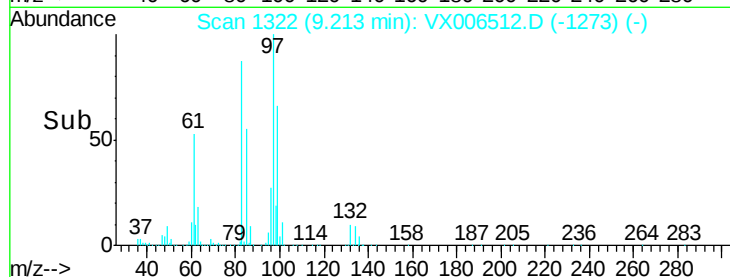
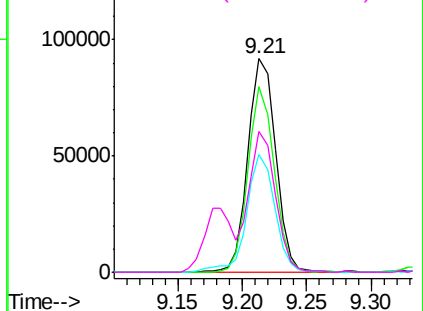
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.1	67.1	100.7
85	55.1	43.2	64.8
99	65.6	49.8	74.6

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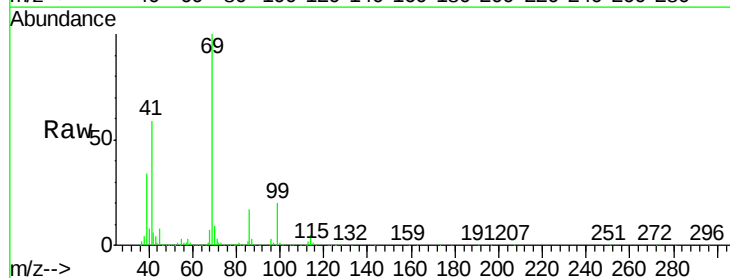


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

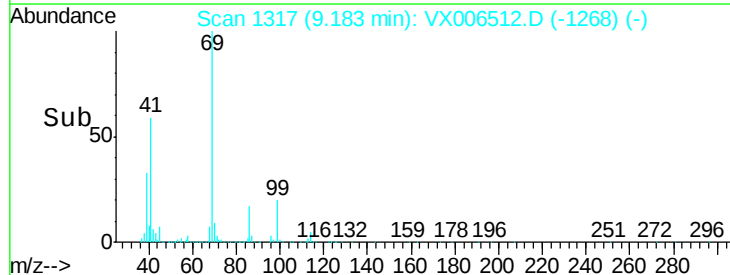
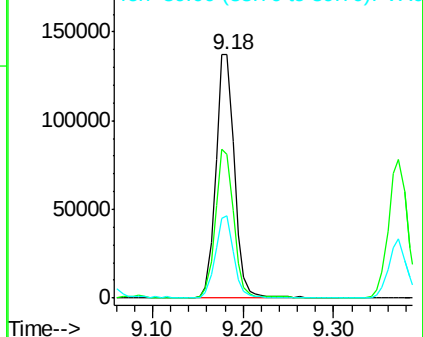


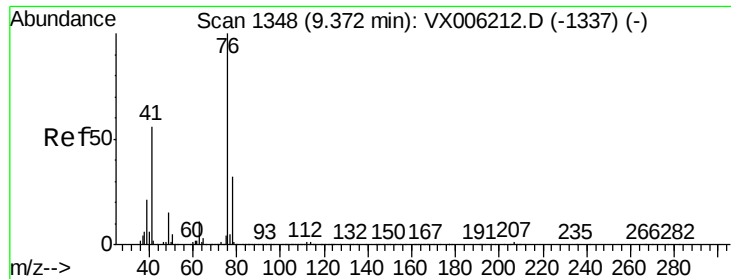
#56
 Ethyl methacrylate
 Concen: 20.436 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006512.D
 Acq: 14 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.0	50.6	76.0
39	32.9	27.6	41.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





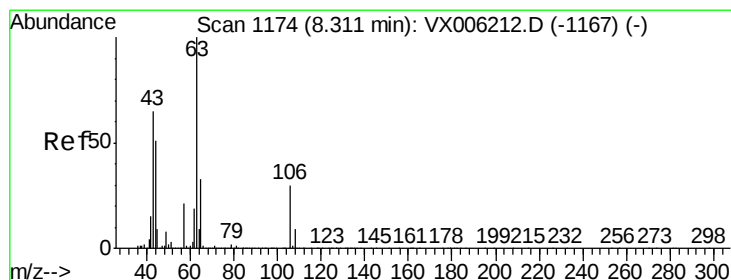
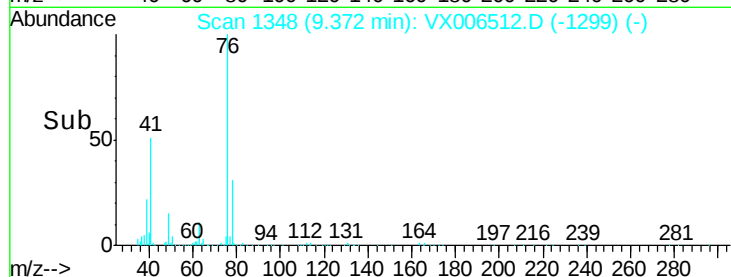
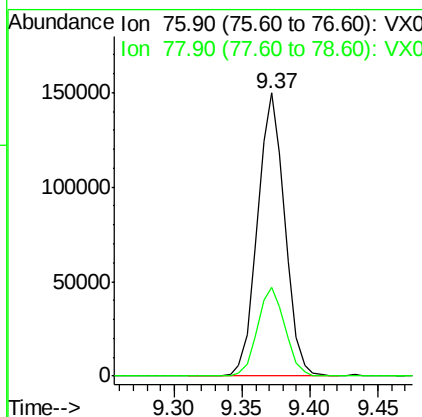
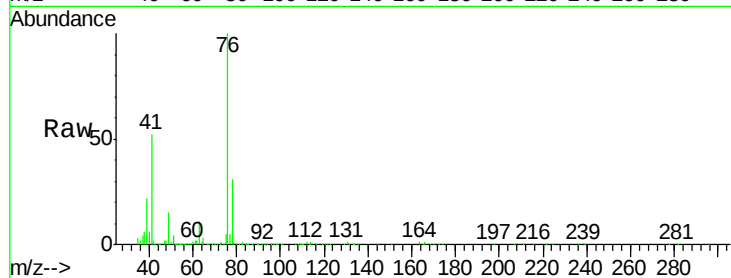
#57
 1,3-Dichloropropane
 Concen: 21.682 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006512.D
 Acq: 14 Dec 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01

Tgt Ion: 76 Resp: 211820
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.1 39.1

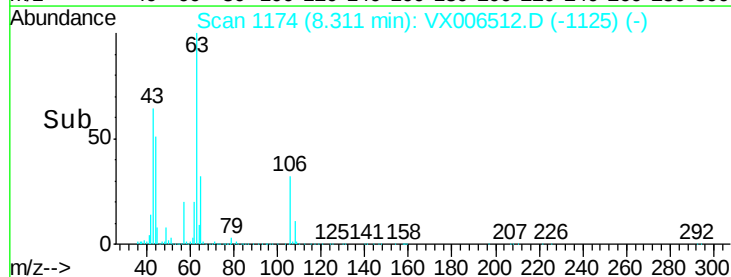
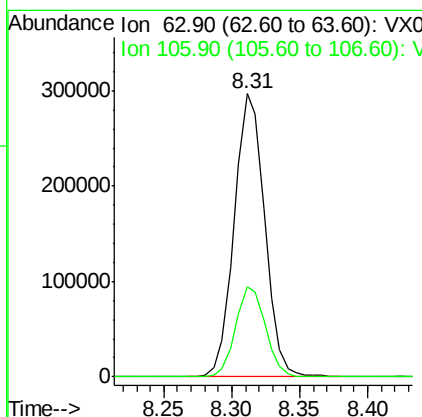
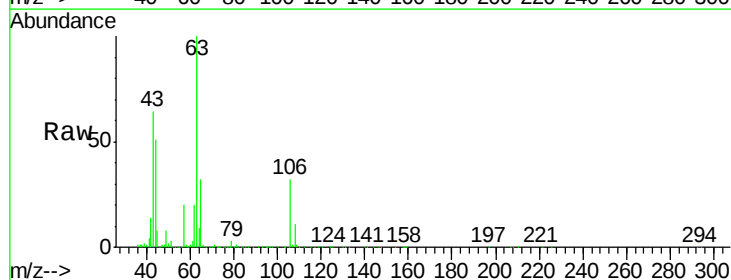
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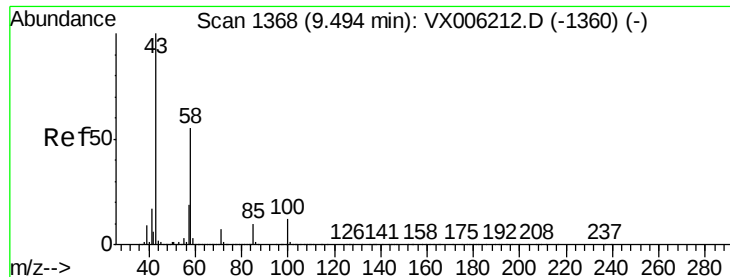
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 94.115 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006512.D
 Acq: 14 Dec 2018 12:32

Tgt Ion: 63 Resp: 461266
 Ion Ratio Lower Upper
 63 100
 106 31.6 24.9 37.3





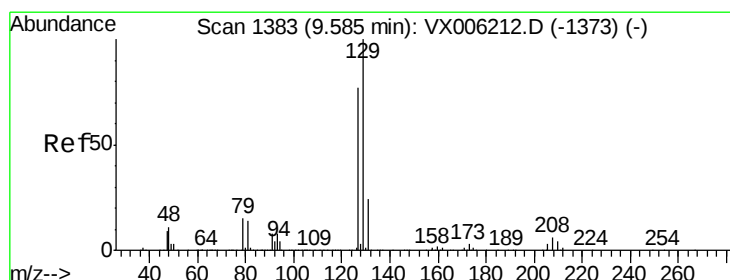
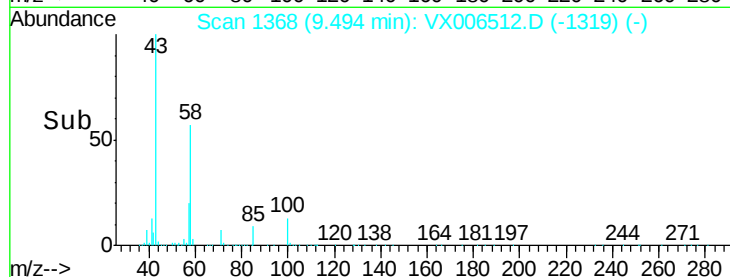
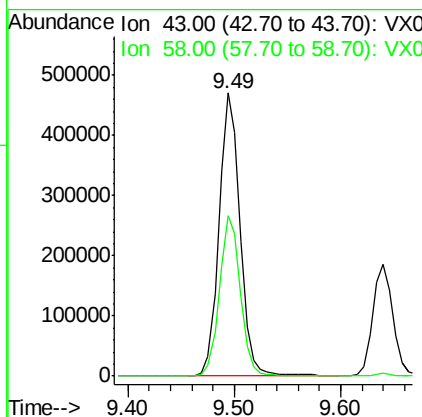
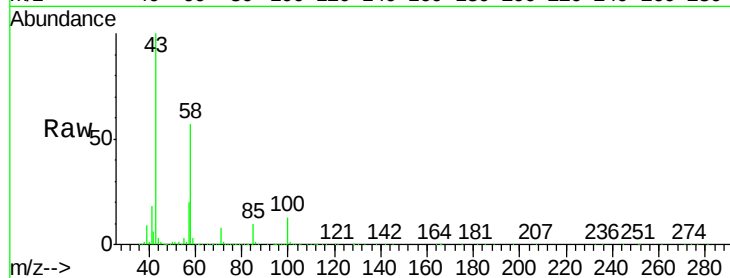
#59
2-Hexanone
Concen: 100.526 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 43 Resp: 644264
Ion Ratio Lower Upper
43 100
58 56.7 27.7 83.1

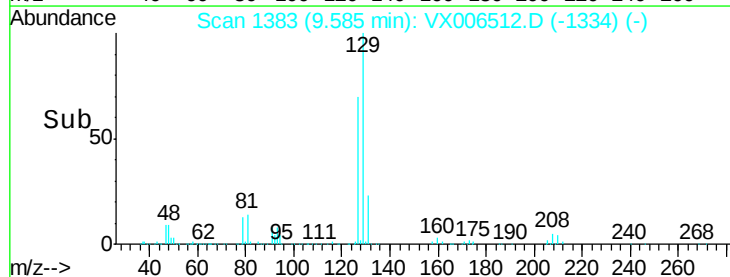
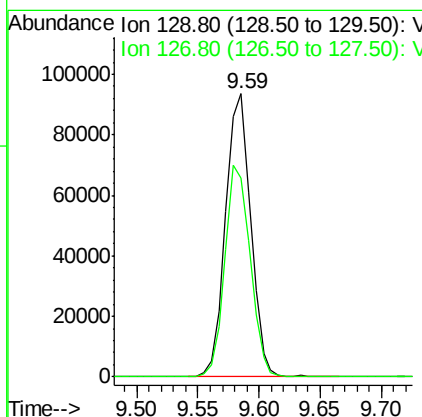
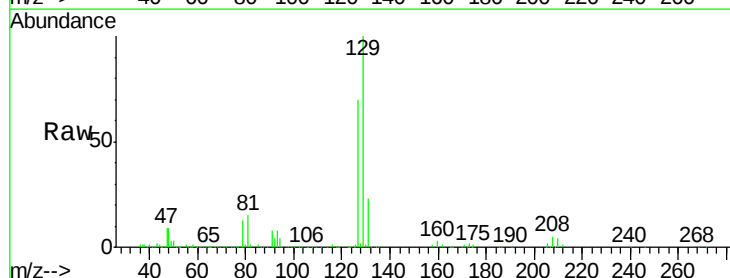
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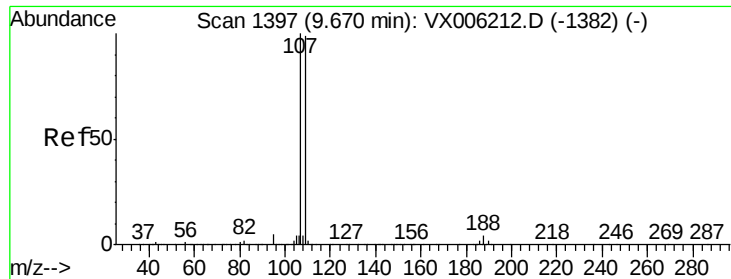
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#60
Dibromochloromethane
Concen: 17.482 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion: 129 Resp: 133180
Ion Ratio Lower Upper
129 100
127 75.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.843 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 107 Resp: 143981

Ion Ratio Lower Upper

107 100

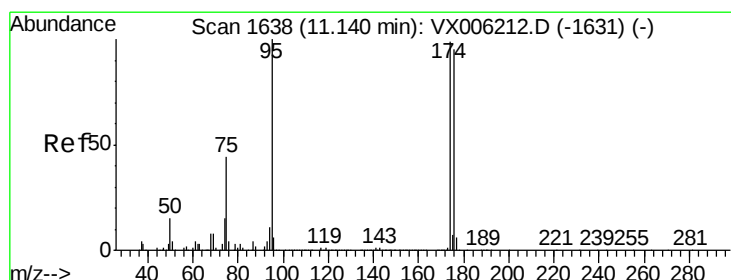
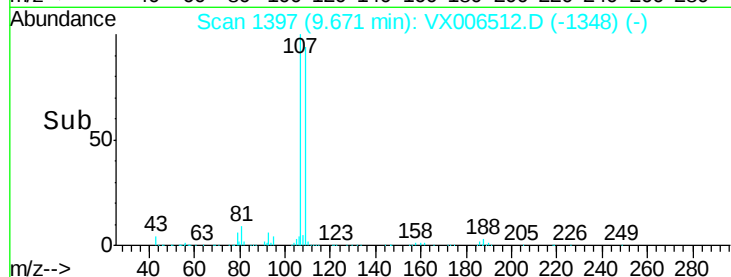
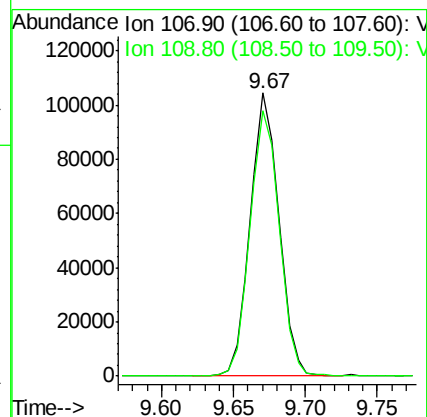
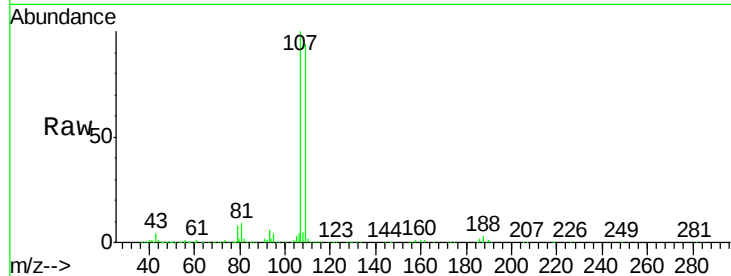
109 95.8 76.3 114.5

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#62

4-Bromofluorobenzene

Concen: 50.863 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

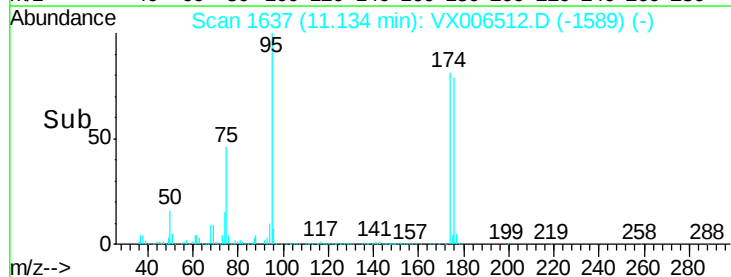
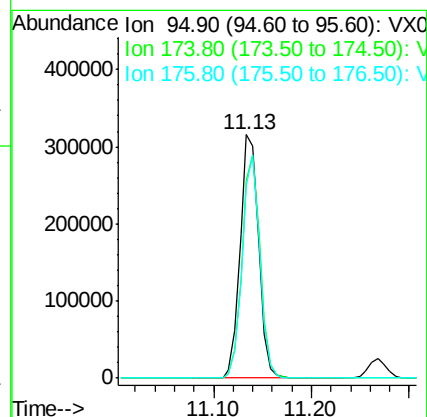
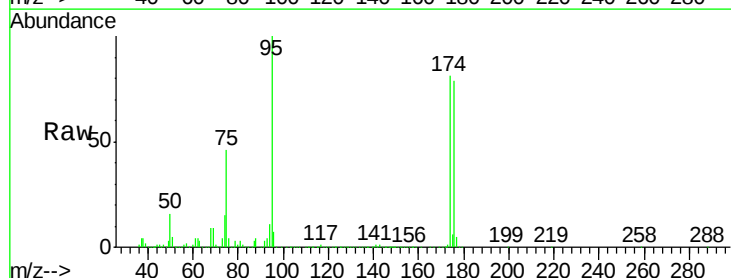
Tgt Ion: 95 Resp: 413685

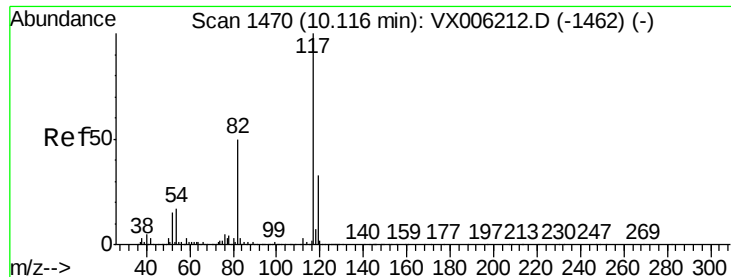
Ion Ratio Lower Upper

95 100

174 89.2 0.0 187.0

176 86.9 0.0 181.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

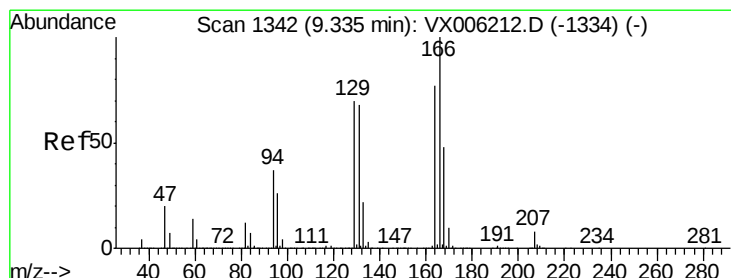
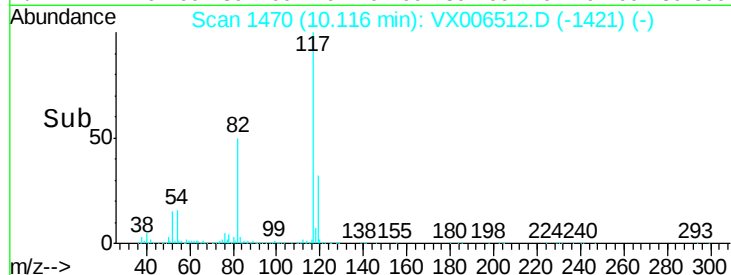
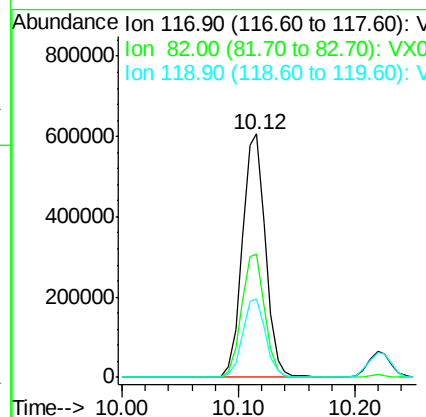
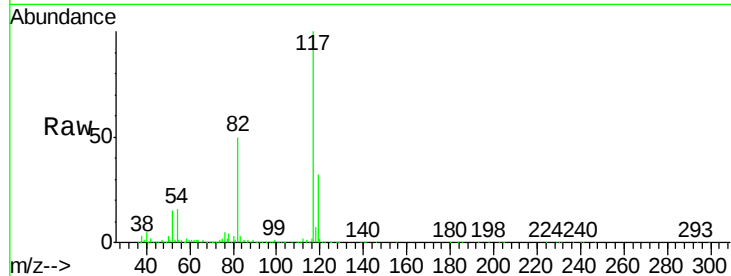
ClientSampleId :

VX1214WBS01

Tgt Ion:	117	Resp:	839342
Ion Ratio	Lower	Upper	
117	100		
82	50.4	39.6	59.4
119	32.3	26.3	39.5

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#64

Tetrachloroethene

Concen: 22.645 ug/l

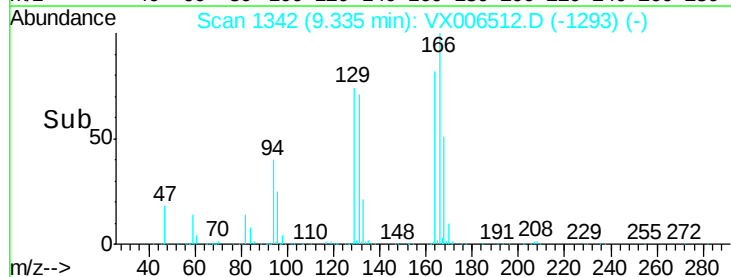
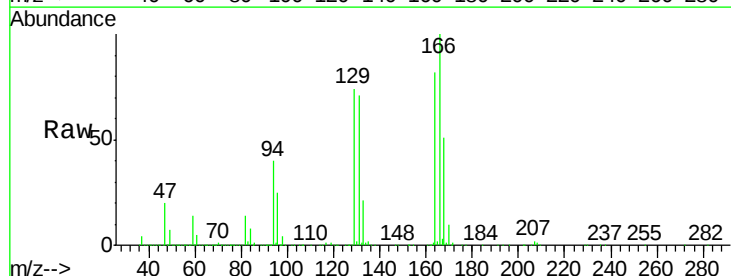
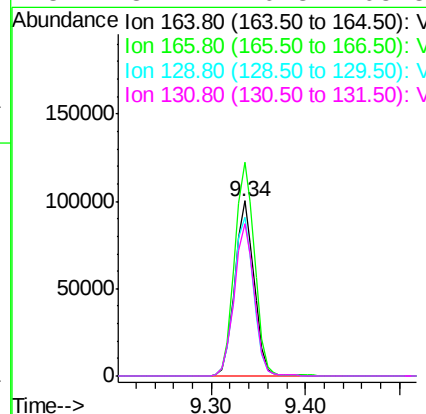
RT: 9.34 min Scan# 1342

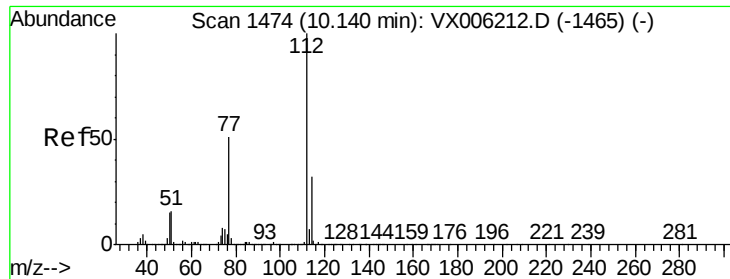
Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Tgt Ion:	164	Resp:	143142
Ion Ratio	Lower	Upper	
164	100		
166	122.1	104.2	156.2
129	90.9	72.6	108.8
131	87.2	70.3	105.5





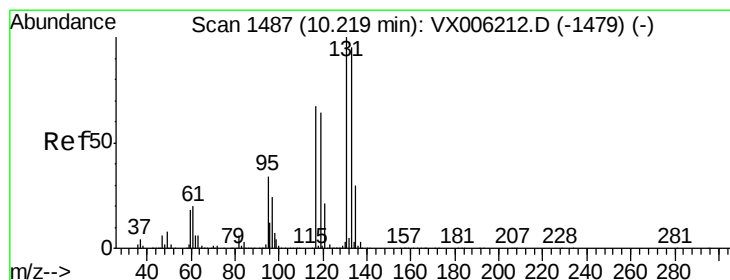
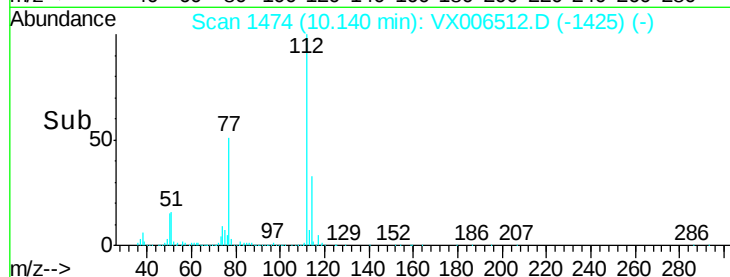
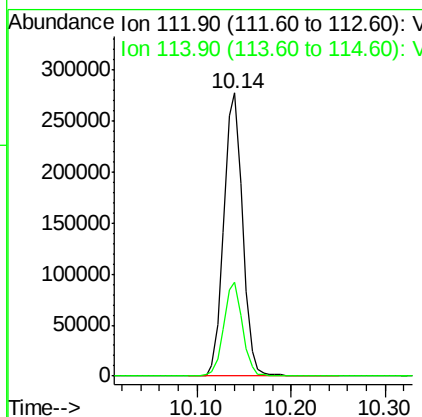
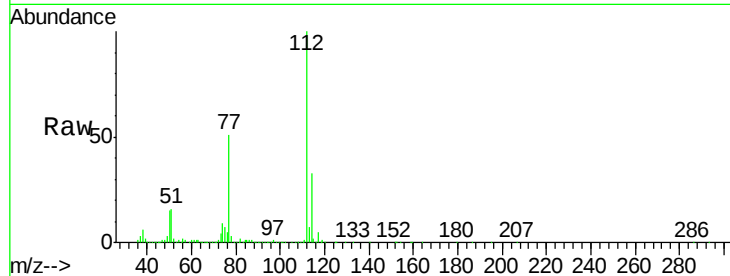
#65
Chlorobenzene
Concen: 21.561 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion:112 Resp: 384154
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.2

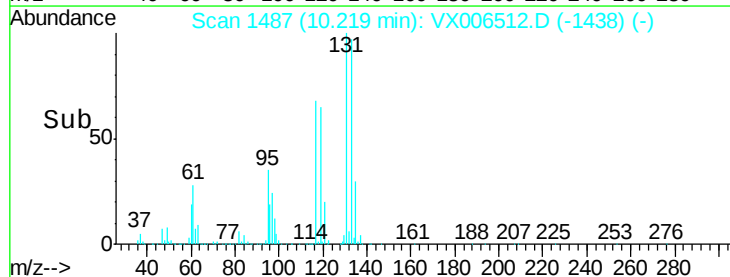
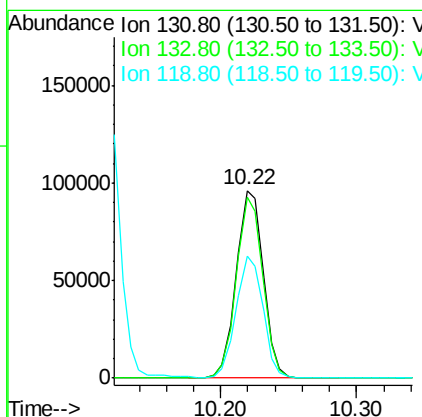
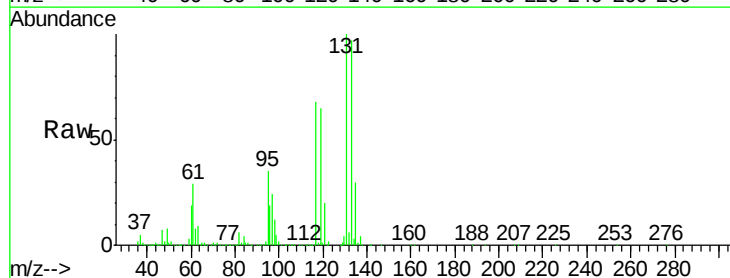
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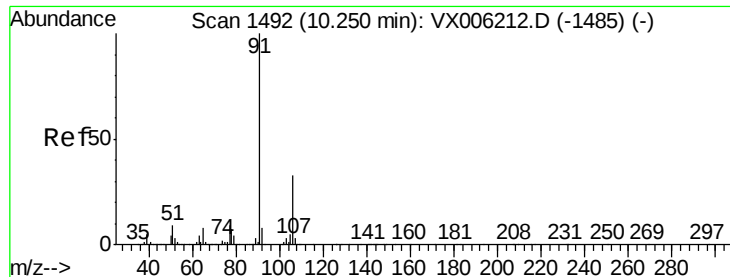
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.195 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion:131 Resp: 132882
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.4
119 64.8 32.1 96.3





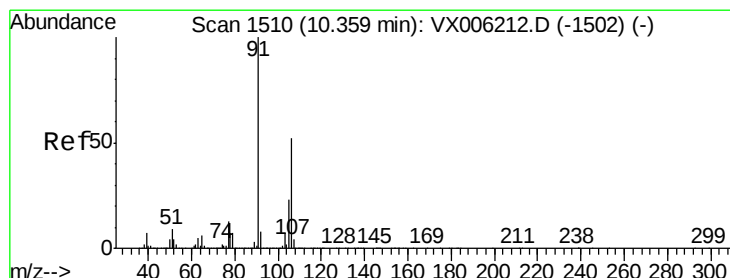
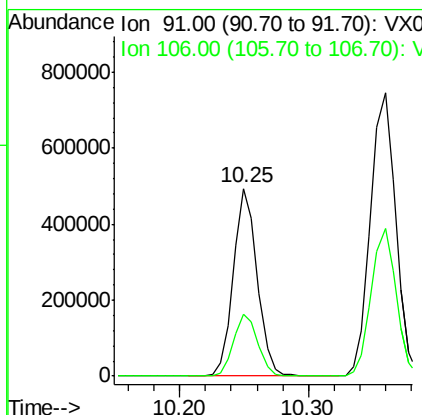
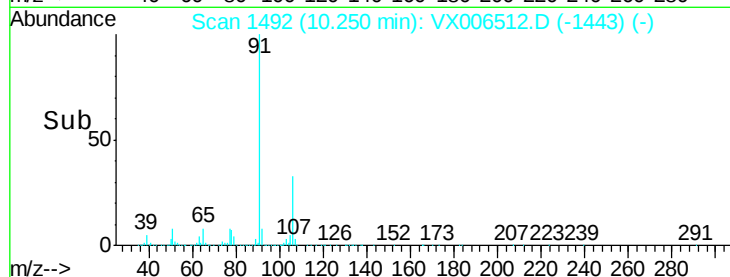
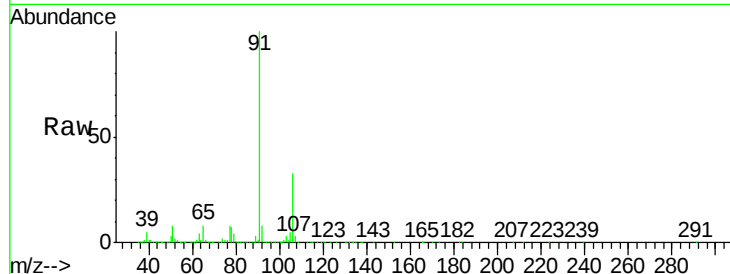
#67
Ethyl Benzene
Concen: 21.680 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 91 Resp: 642468
Ion Ratio Lower Upper
91 100
106 33.2 26.5 39.7

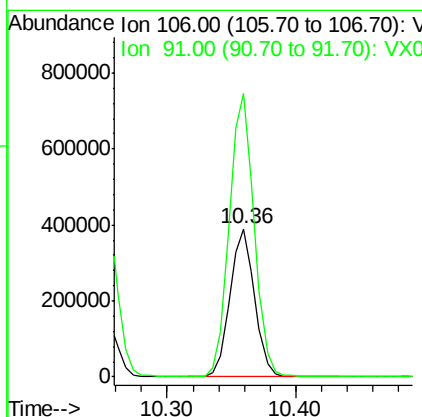
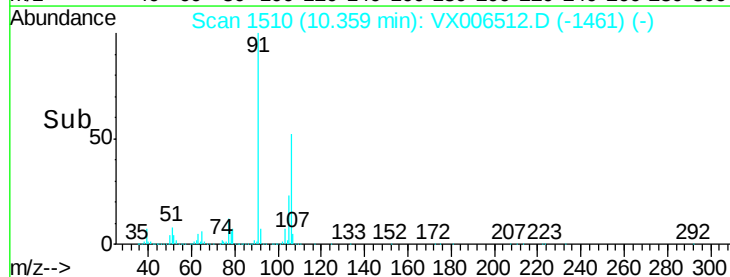
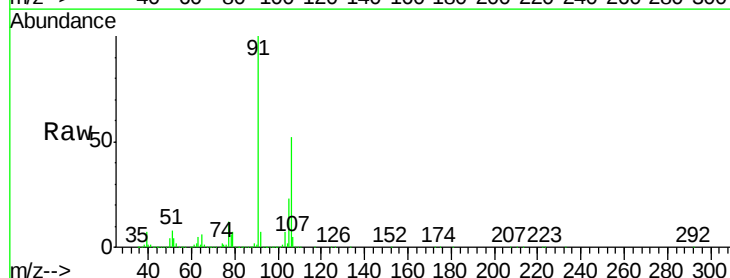
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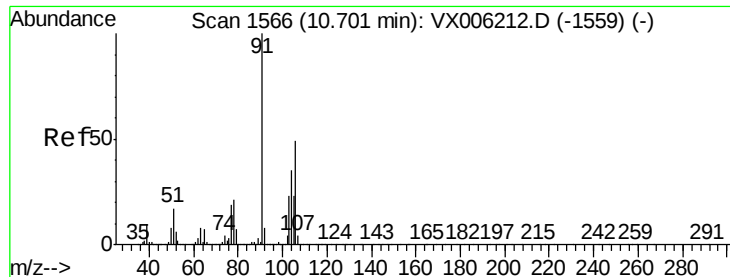
MMDadoda
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#68
m/p-Xylenes
Concen: 43.785 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion: 106 Resp: 519747
Ion Ratio Lower Upper
106 100
91 194.2 155.2 232.8





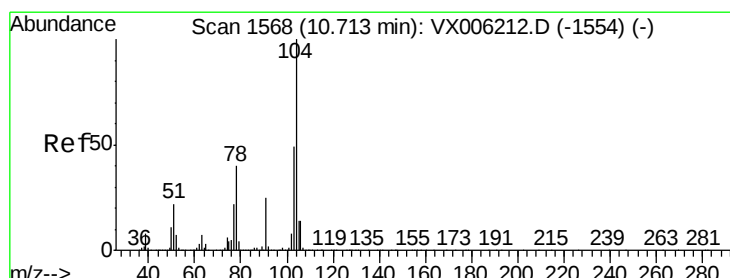
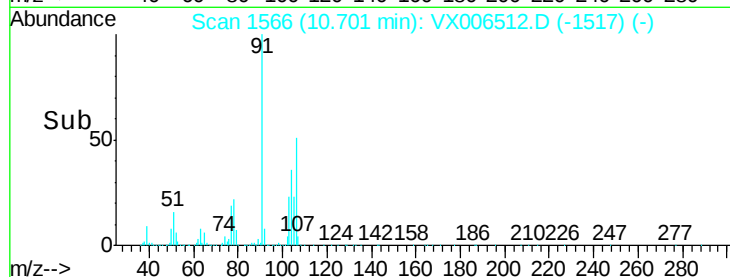
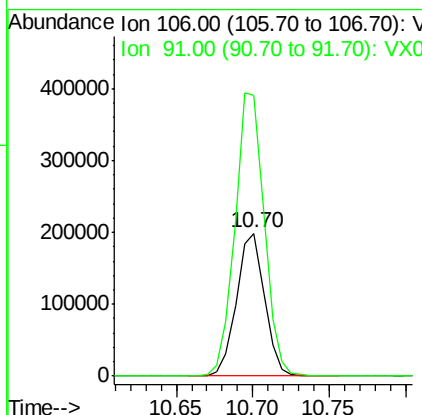
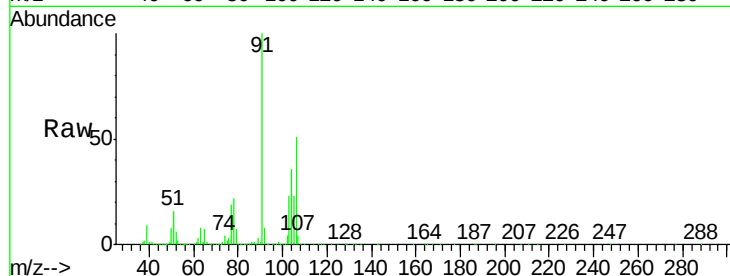
#69
o-Xylene
Concen: 21.586 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion:106 Resp: 253098
Ion Ratio Lower Upper
106 100
91 206.3 101.8 305.6

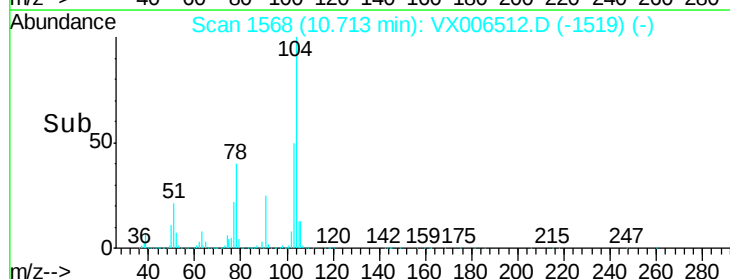
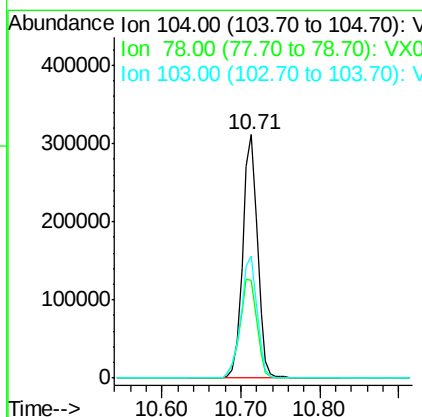
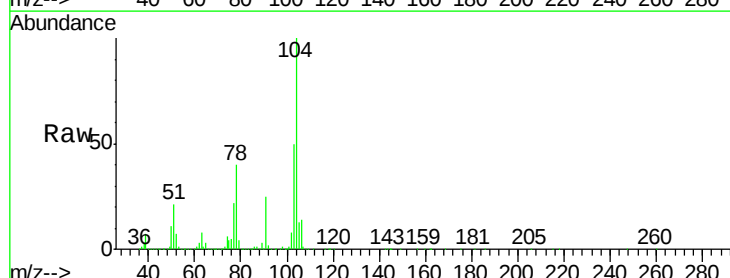
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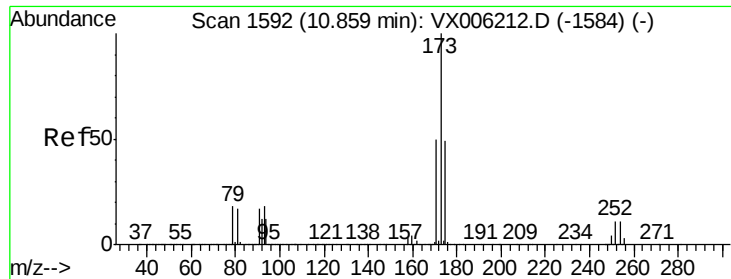
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#70
Styrene
Concen: 21.459 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion:104 Resp: 406949
Ion Ratio Lower Upper
104 100
78 47.2 37.2 55.8
103 54.9 43.5 65.3





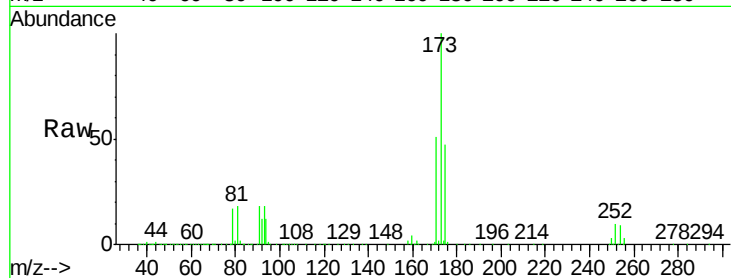
#71
Bromoform
Concen: 15.024 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

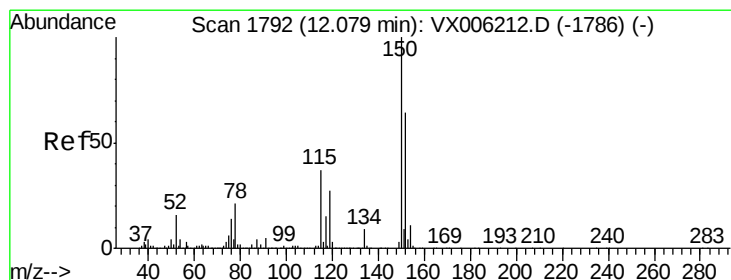
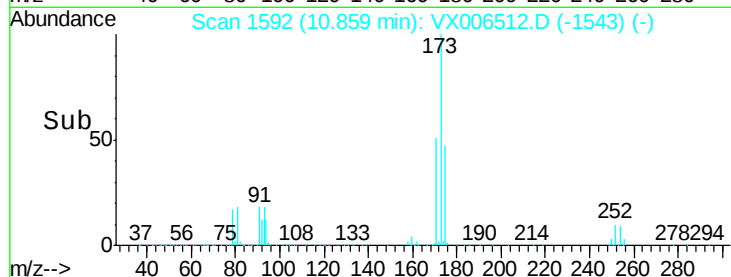
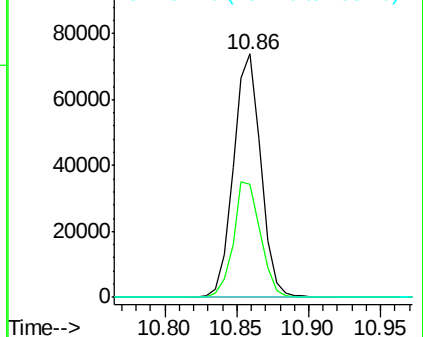
Tgt Ion	Ratio	Resp	Lower	Upper
173	100	98178		
175	47.2	24.6	73.8	
254	0.1	0.2	0.2	

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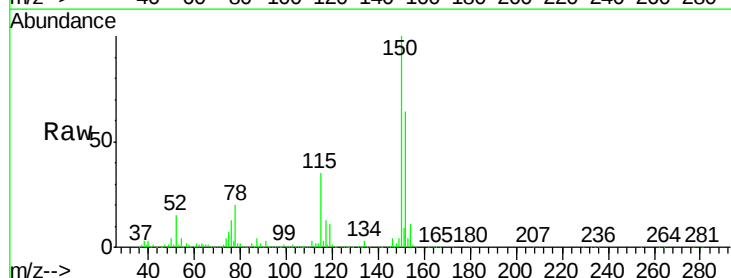


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

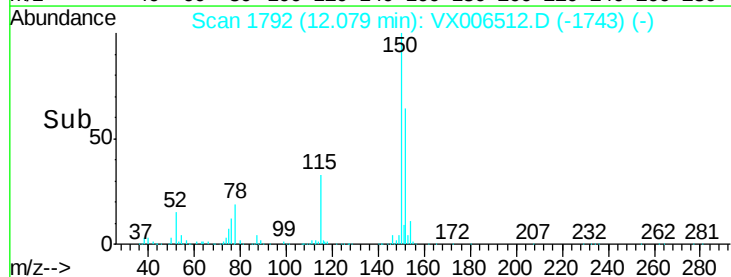
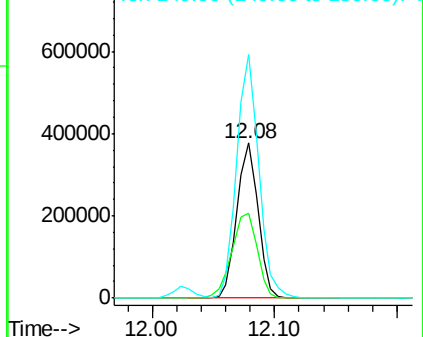


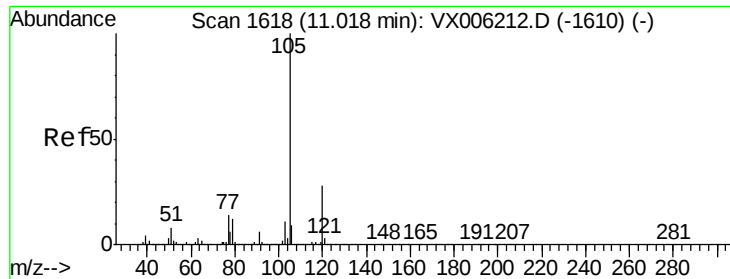
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	448094		
115	66.1	39.0	116.9	
150	163.9	0.0	345.8	



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.003 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 105 Resp: 680893

Ion Ratio Lower Upper

105 100

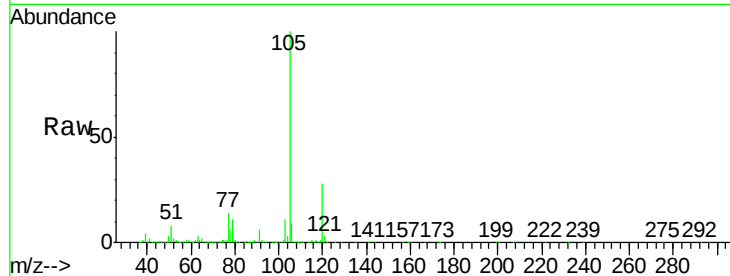
120 27.9 14.1 42.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

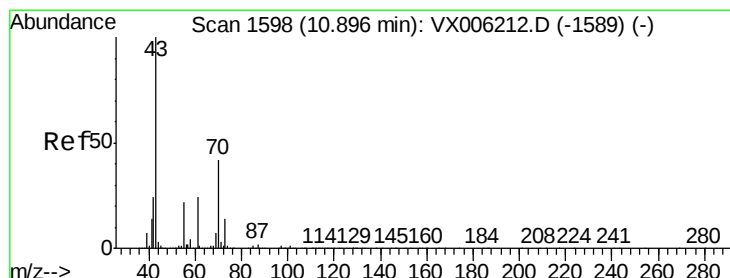
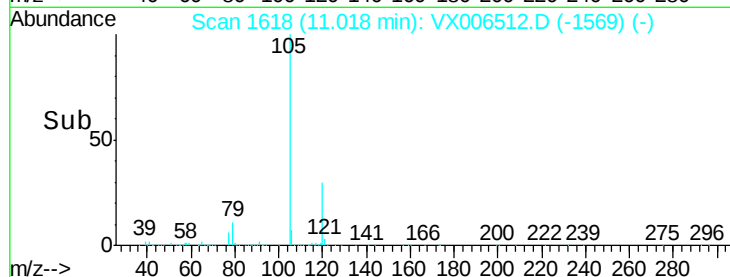
0

11.02

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 18.342 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Tgt Ion: 43 Resp: 244422

Ion Ratio Lower Upper

43 100

70 45.6 34.1 51.1

55 24.4 17.8 26.8

61 24.8 19.7 29.5

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

250000

200000

150000

100000

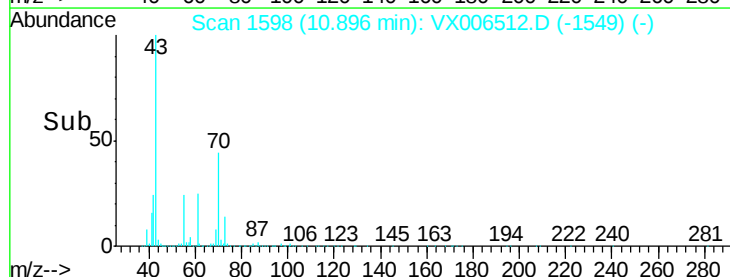
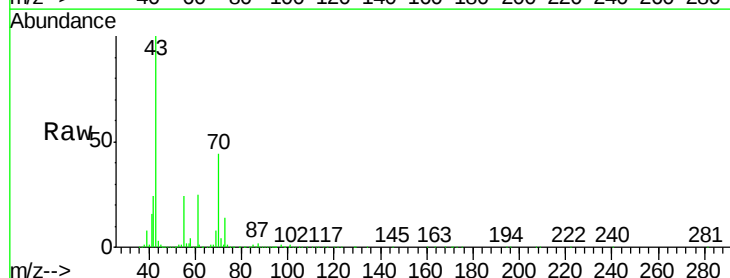
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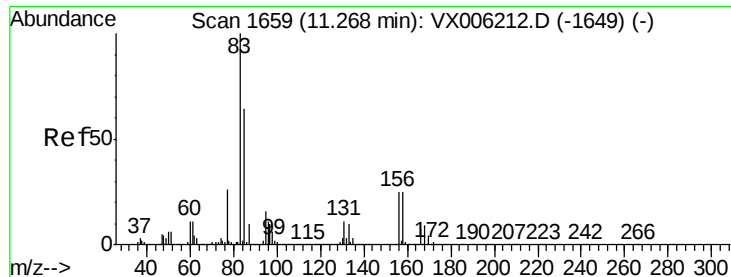
0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.185 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 83 Resp: 199831
Ion Ratio Lower Upper

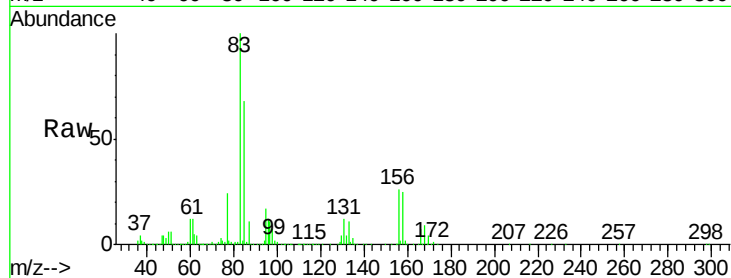
83 100

131 11.9 5.7 17.1

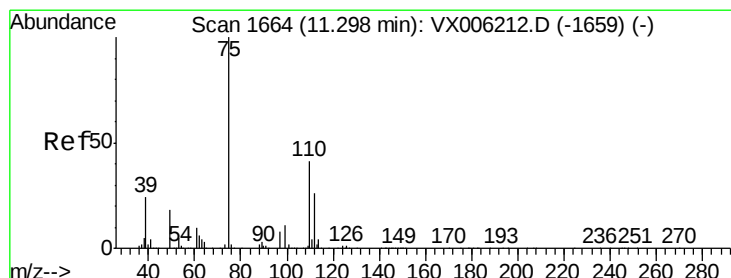
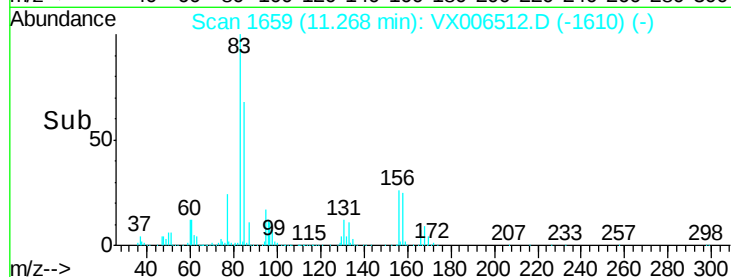
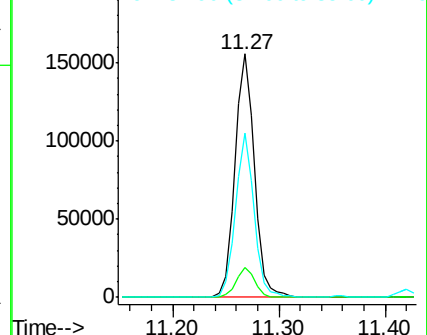
85 65.0 32.1 96.5

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.528 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

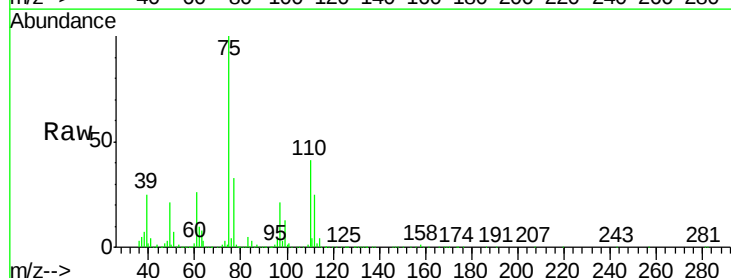
Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

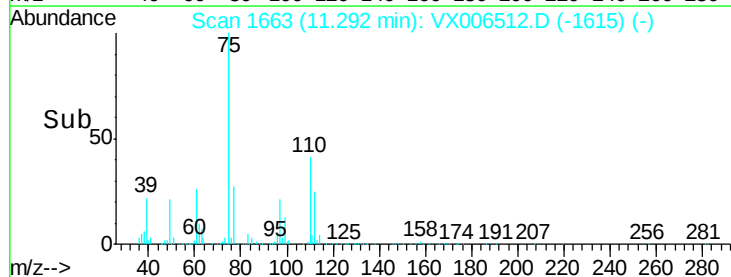
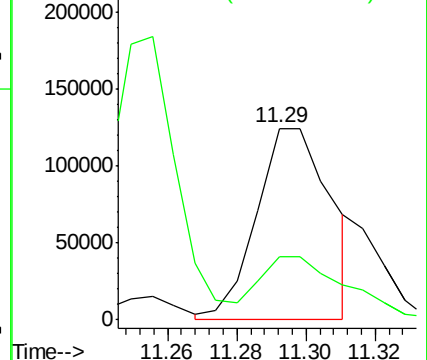
Tgt Ion: 75 Resp: 186196
Ion Ratio Lower Upper

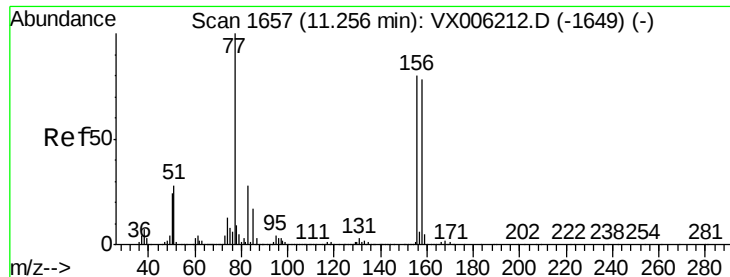
75 100

77 38.5 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.917 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

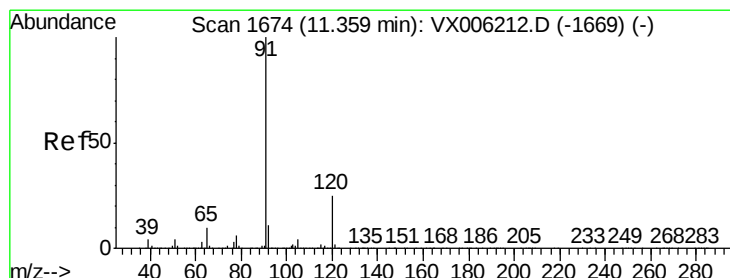
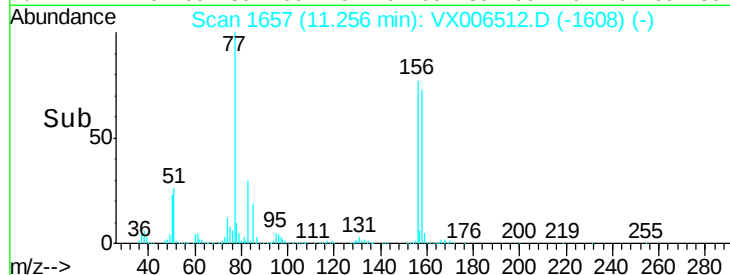
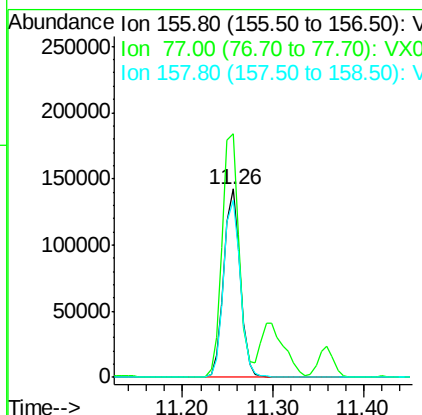
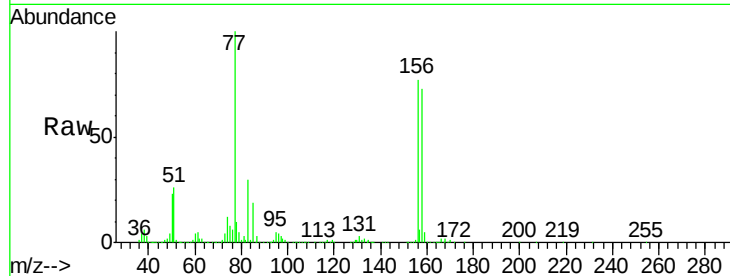
ClientSampleId :

VX1214WBS01

Tgt Ion:	156	Resp:	179630
Ion Ratio	Lower	Upper	
156	100		
77	135.5	66.2	198.6
158	96.6	48.8	146.4

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#78

n-propylbenzene

Concen: 21.738 ug/l

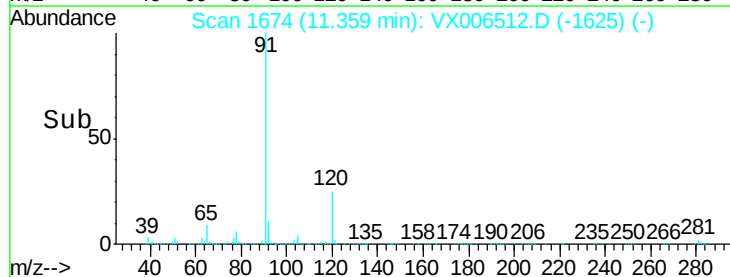
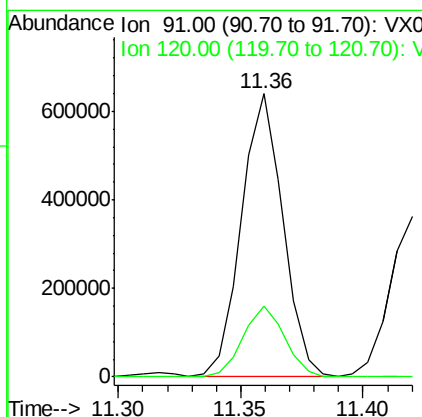
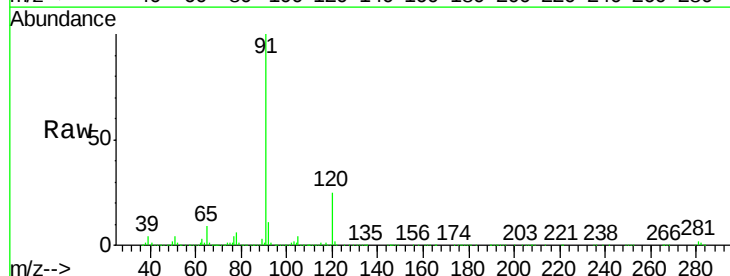
RT: 11.36 min Scan# 1674

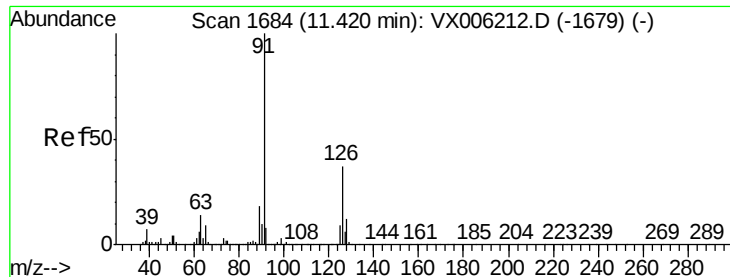
Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Tgt Ion:	91	Resp:	747735
Ion Ratio	Lower	Upper	
91	100		
120	25.3	12.7	38.0





#79

2-Chlorotoluene

Concen: 21.700 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 91 Resp: 443646

Ion Ratio Lower Upper

91 100

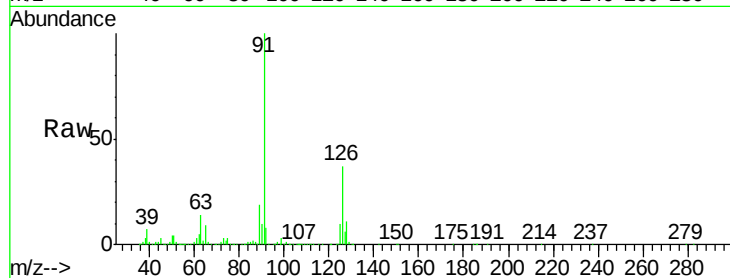
126 37.2 18.6 56.0

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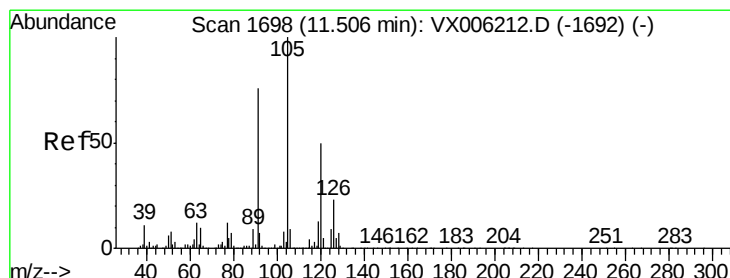
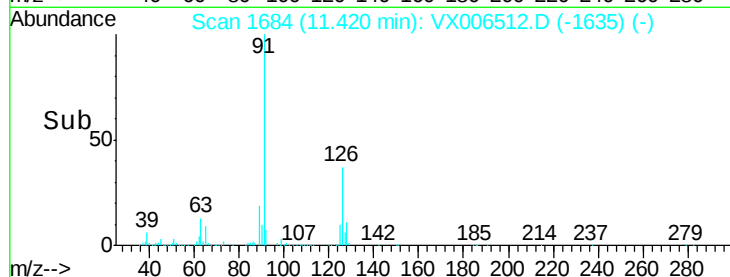
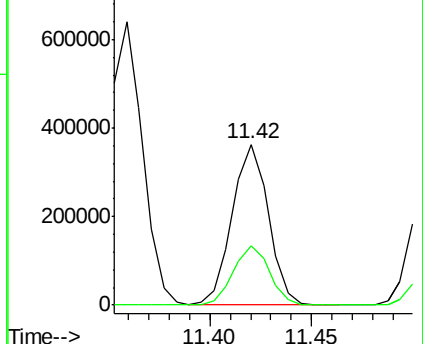
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Abundance Ion 91.00 (90.70 to 91.70): VX006512.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006512.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.733 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006512.D

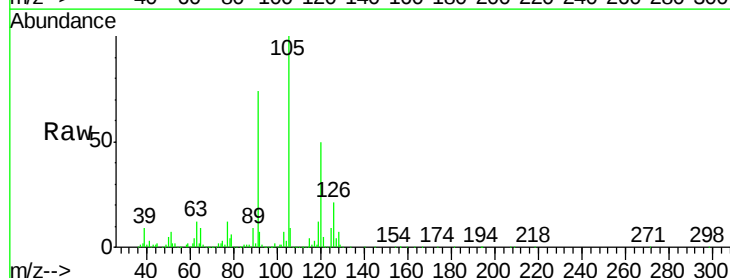
Acq: 14 Dec 2018 12:32

Tgt Ion: 105 Resp: 559560

Ion Ratio Lower Upper

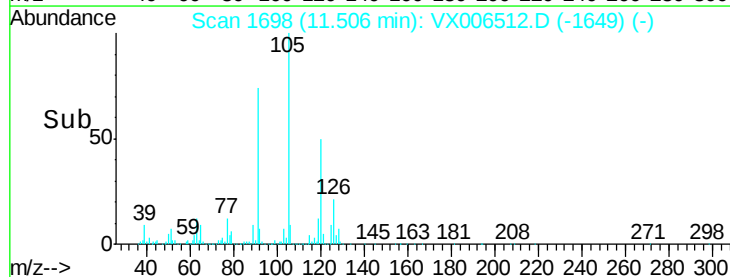
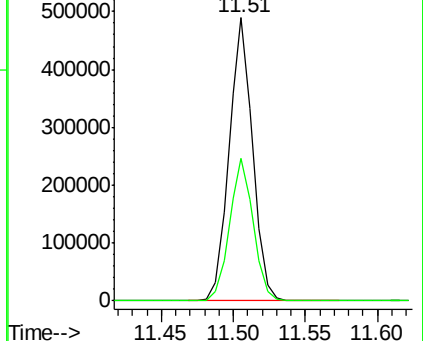
105 100

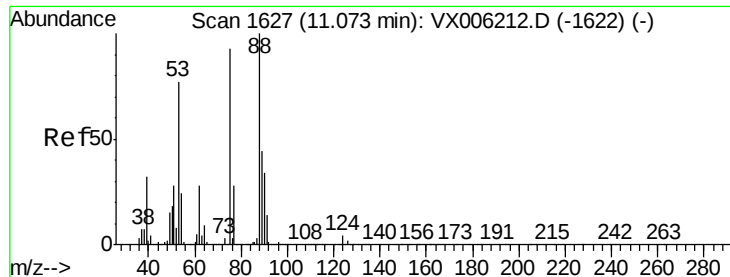
120 50.9 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VX006512.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006512.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 14.629 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

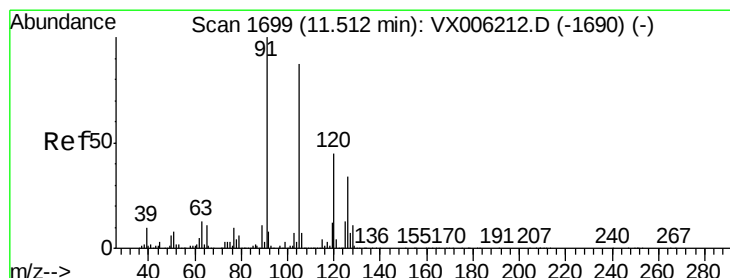
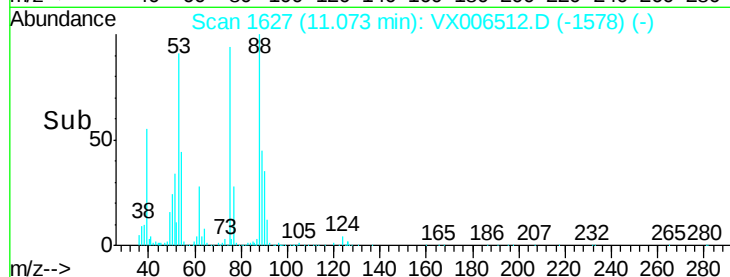
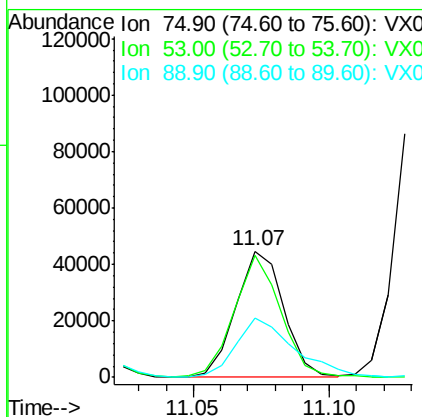
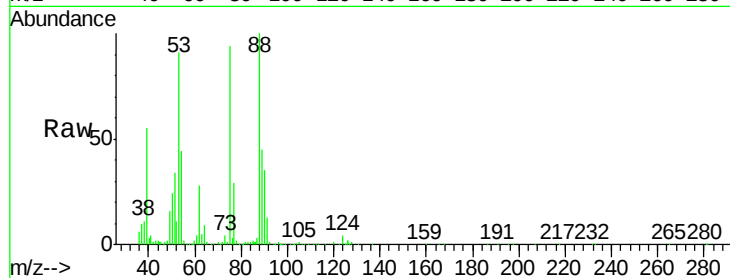
ClientSampleId :

VX1214WBS01

Tgt Ion:	75	Resp:	53915
Ion Ratio	Lower	Upper	
75	100		
53	94.7	64.4	96.6
89	59.0	44.2	66.4

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#82

4-Chlorotoluene

Concen: 21.825 ug/l

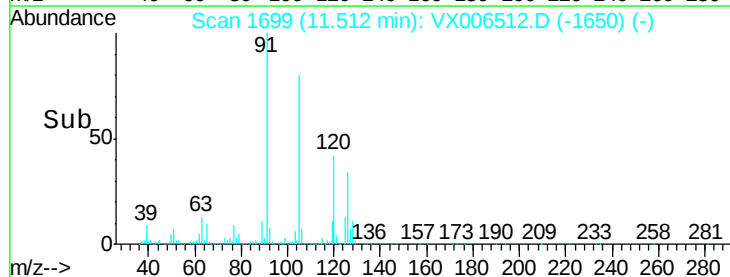
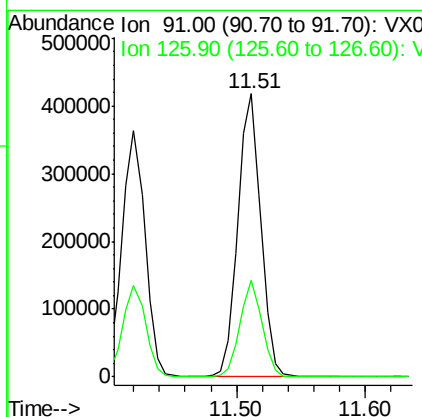
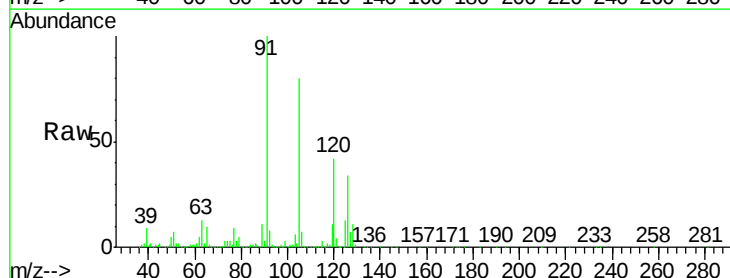
RT: 11.51 min Scan# 1699

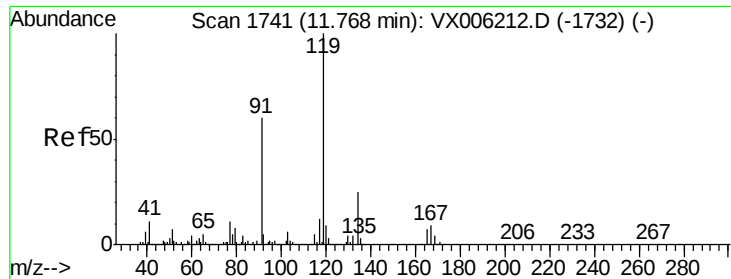
Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Tgt Ion:	91	Resp:	518783
Ion Ratio	Lower	Upper	
91	100		
126	32.8	16.4	49.4





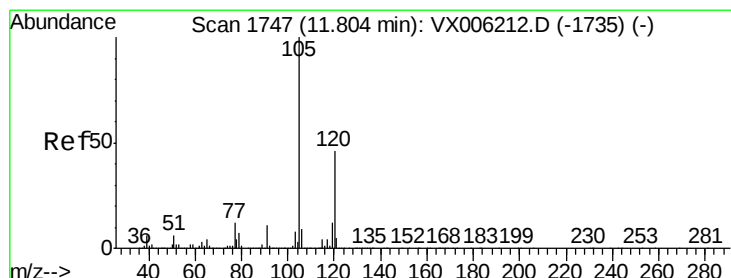
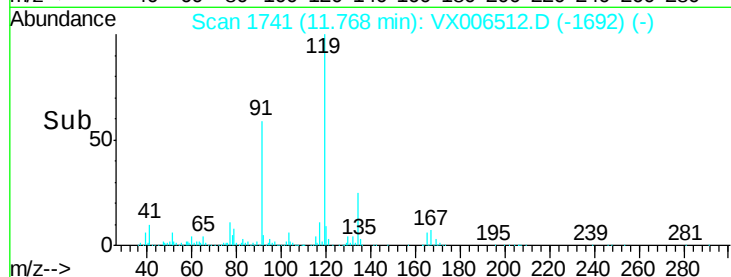
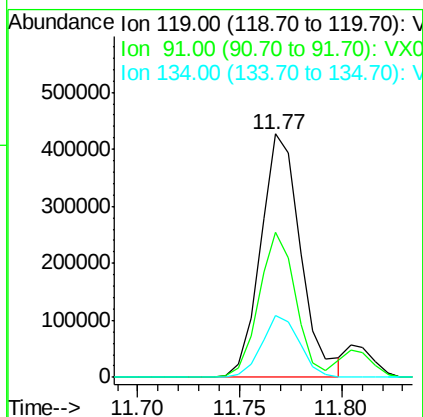
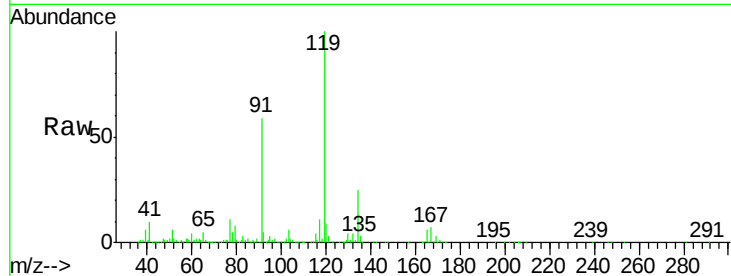
#83
tert-Butylbenzene
Concen: 21.242 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	54.5	26.4	79.2
134	24.0	11.6	34.7

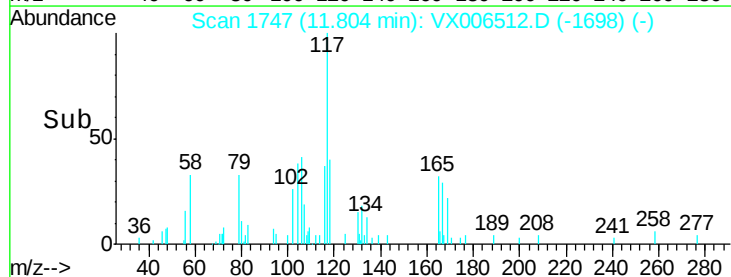
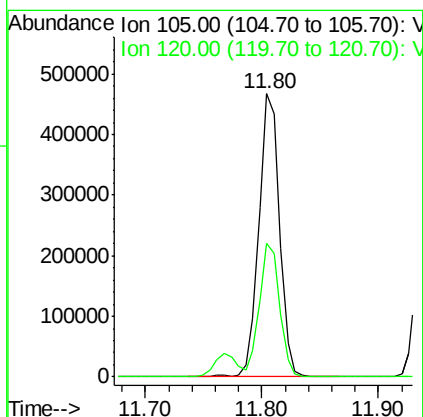
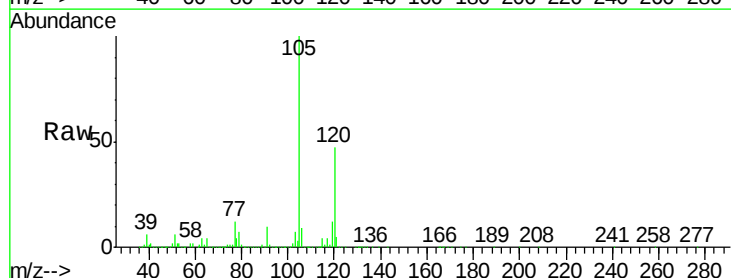
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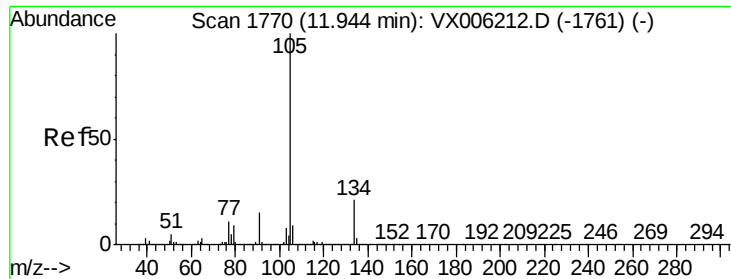
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#84
1,2,4-Trimethylbenzene
Concen: 21.833 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.4	70.0





#85

sec-Butylbenzene

Concen: 22.020 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

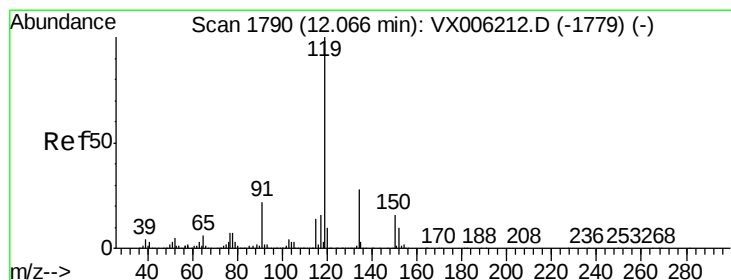
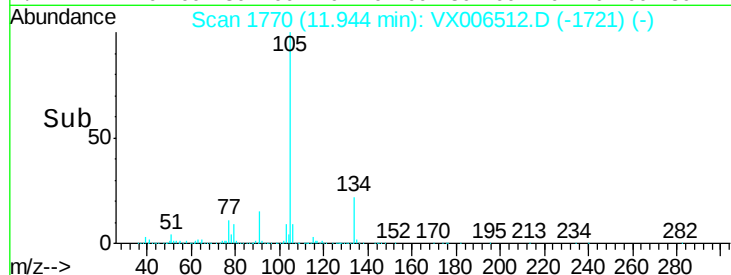
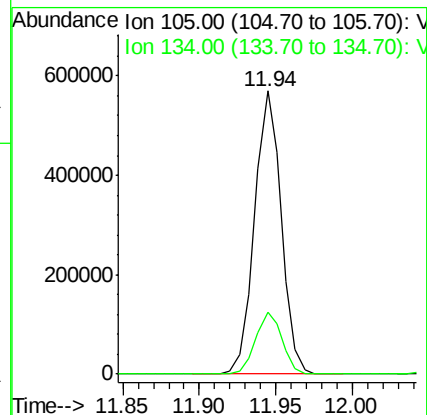
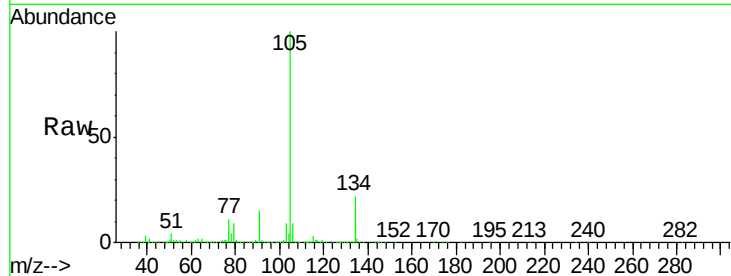
Tgt Ion:105 Resp: 688160
Ion Ratio Lower Upper

105 100

134 21.8 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 22.124 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006512.D

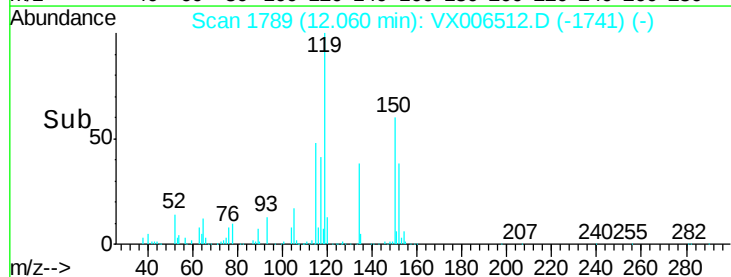
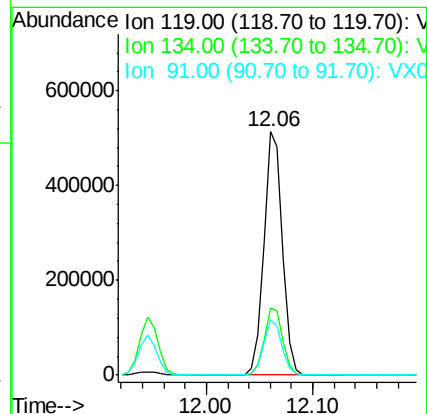
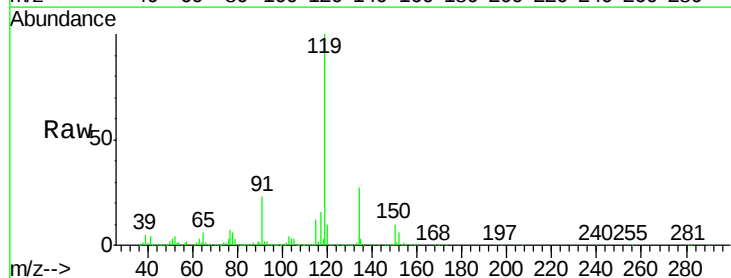
Acq: 14 Dec 2018 12:32

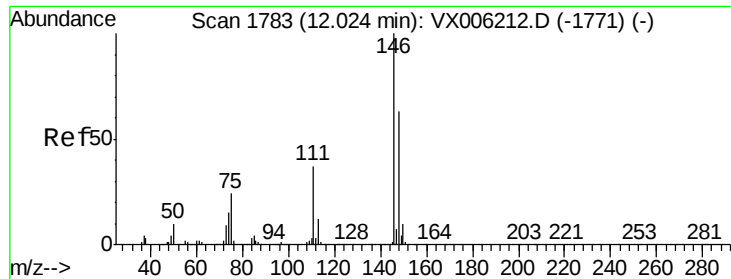
Tgt Ion:119 Resp: 622615
Ion Ratio Lower Upper

119 100

134 27.6 13.9 41.6

91 22.5 11.3 33.8





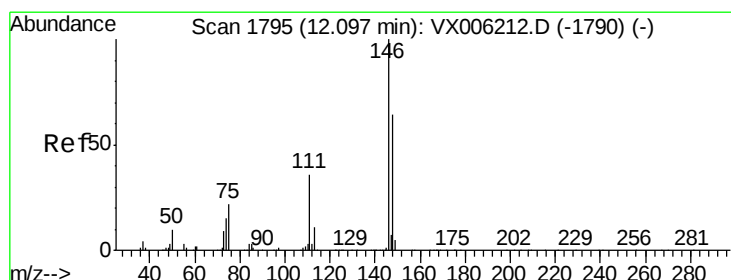
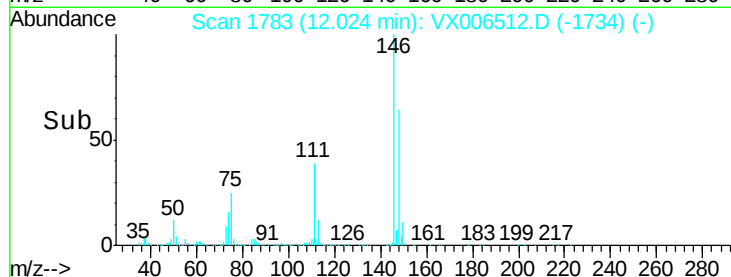
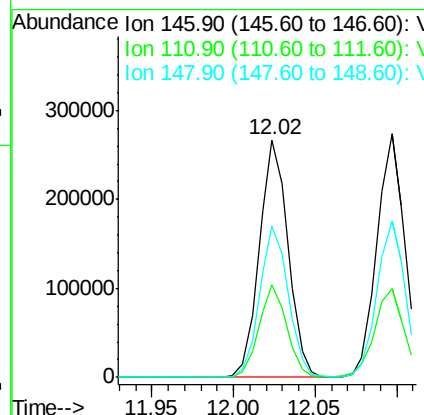
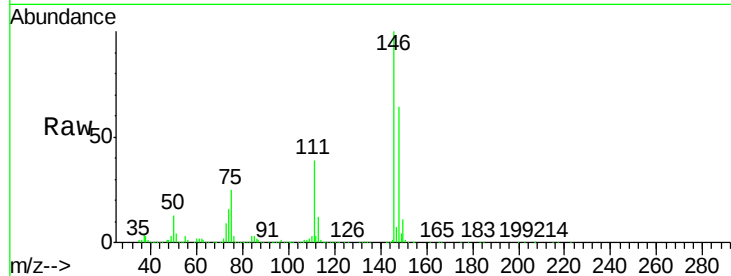
#87
 1,3-Dichlorobenzene
 Concen: 21.483 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006512.D
 Acq: 14 Dec 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.4	55.2
148	63.5	32.0	96.0

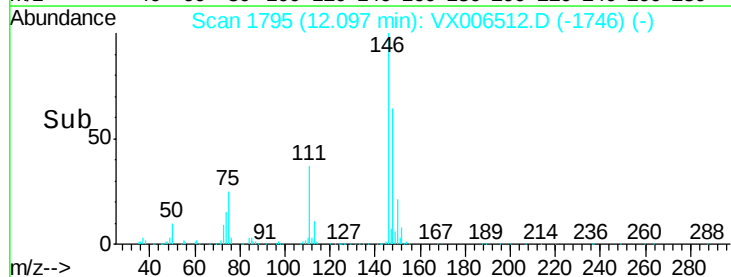
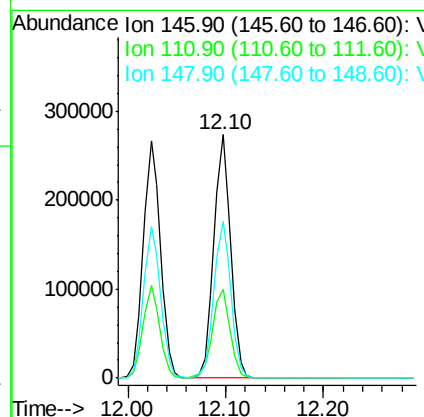
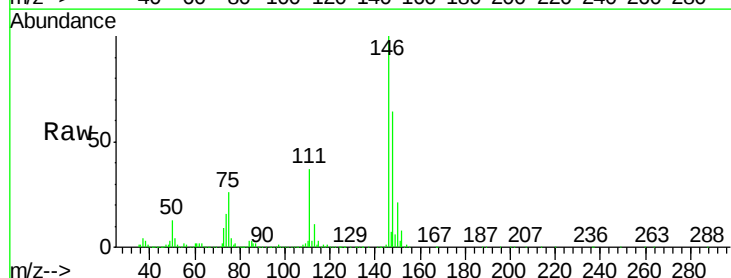
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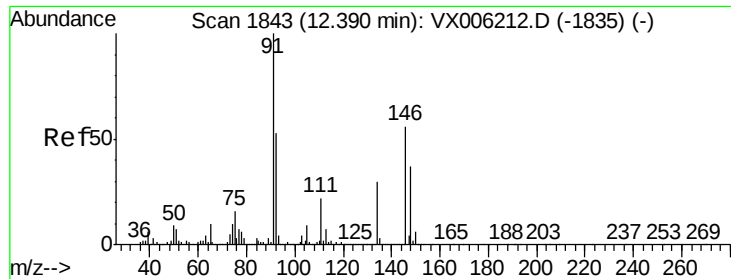
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#88
 1,4-Dichlorobenzene
 Concen: 21.151 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006512.D
 Acq: 14 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.3	54.8
148	64.9	31.9	95.9





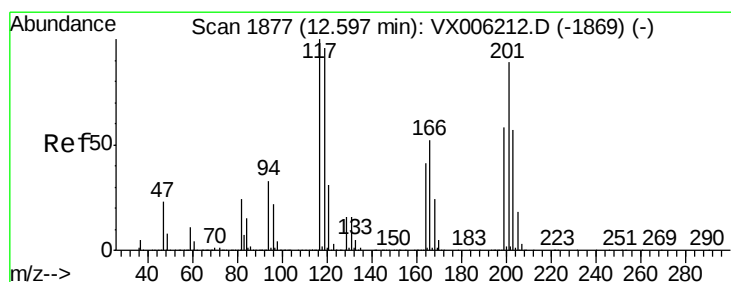
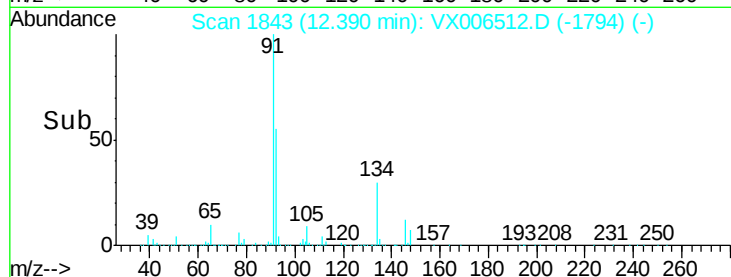
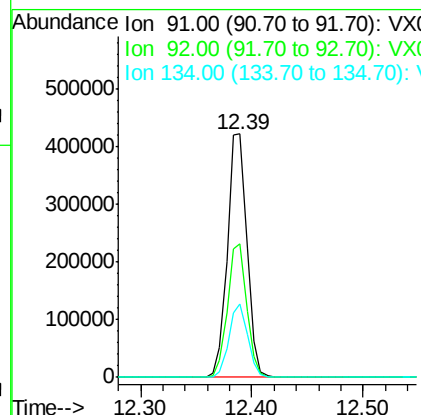
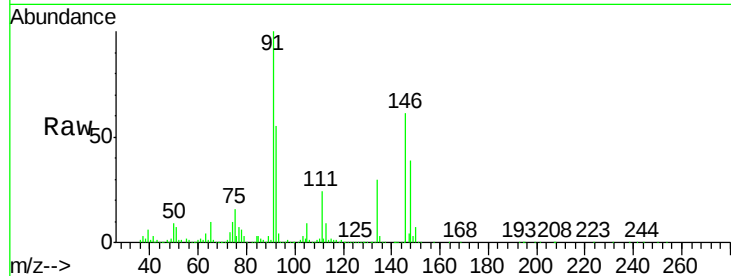
#89
n-Butylbenzene
Concen: 21.433 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.6	79.8
134	28.8	14.8	44.3

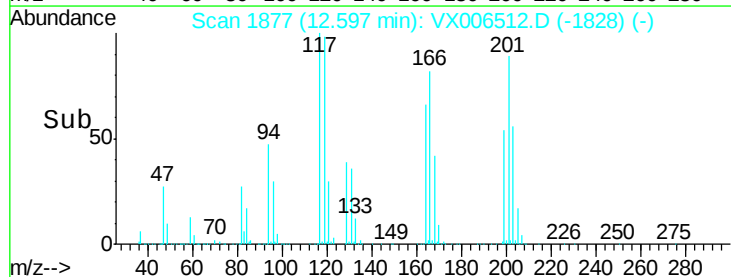
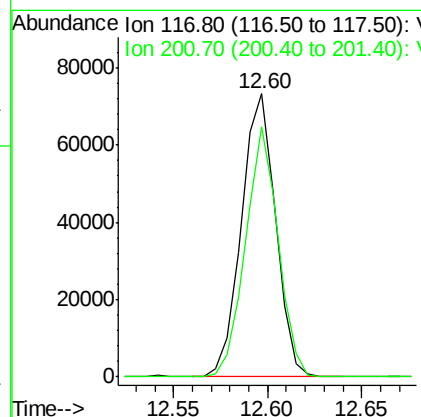
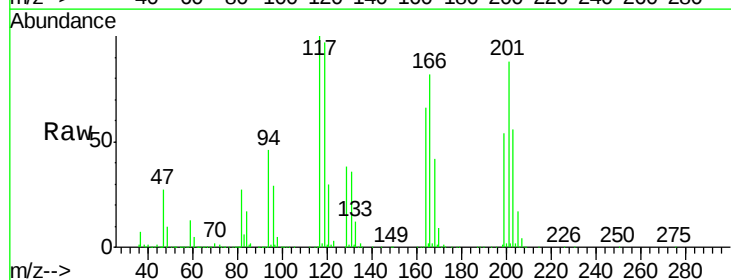
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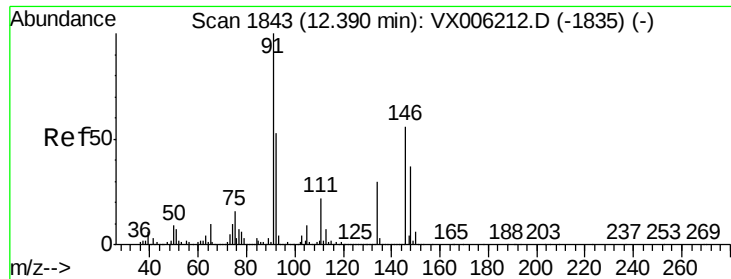
MMDadoda
12/17/2018 12:12:14 PM



#90
Hexachloroethane
Concen: 16.079 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.2	44.7	134.1





#91

1,2-Dichlorobenzene

Concen: 21.304 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_X

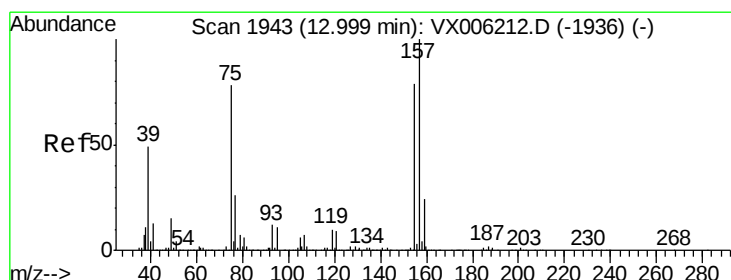
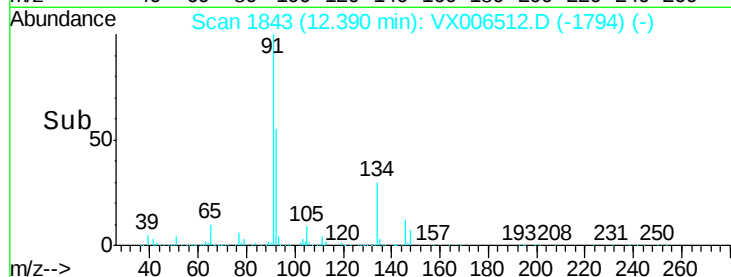
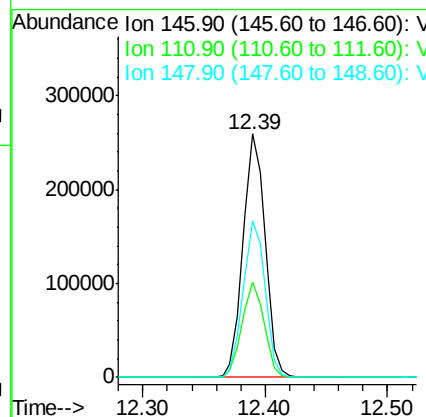
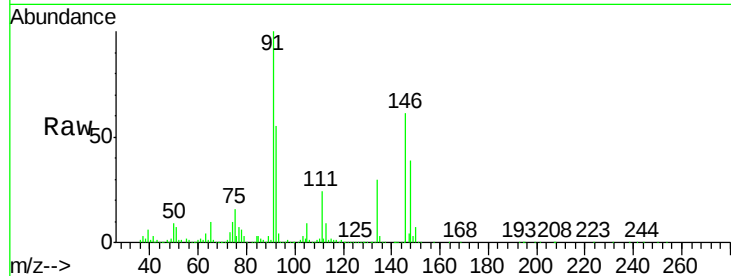
ClientSampleId :

VX1214WBS01

Tgt Ion:	146	Resp:	323087
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.1	57.3
148	63.6	32.1	96.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 15.835 ug/l

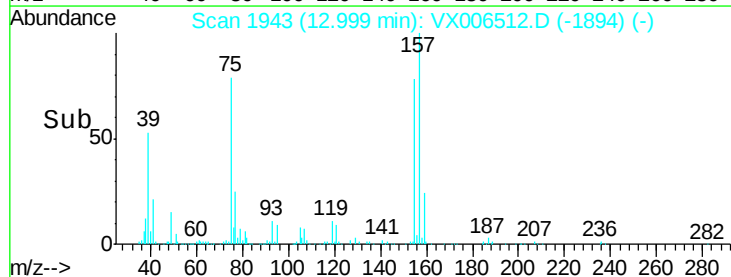
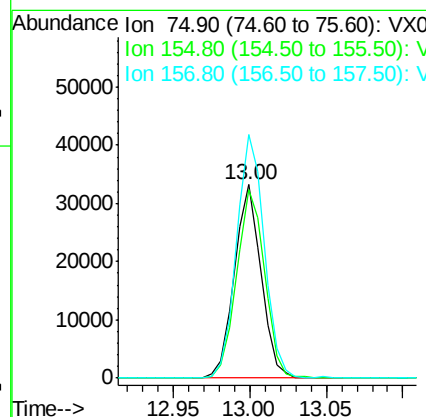
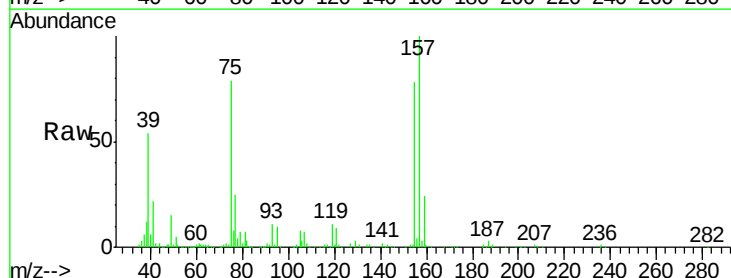
RT: 13.00 min Scan# 1943

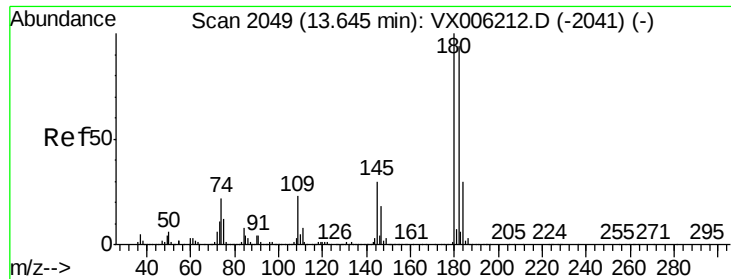
Delta R.T. 0.00 min

Lab File: VX006512.D

Acq: 14 Dec 2018 12:32

Tgt Ion:	75	Resp:	40185
Ion Ratio	Lower	Upper	
75	100		
155	102.4	53.4	160.3
157	130.6	68.0	203.8





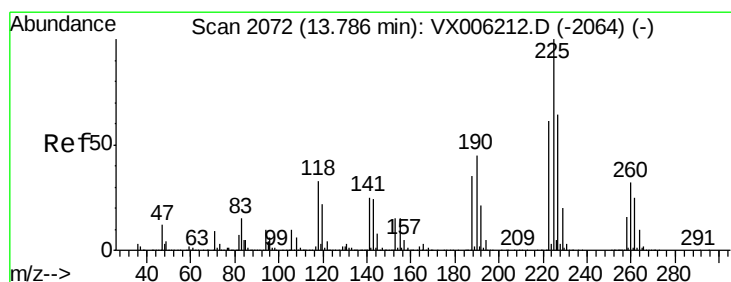
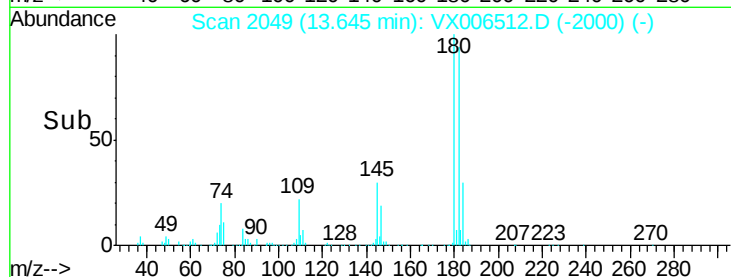
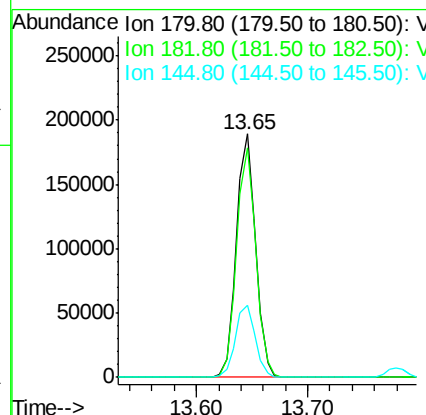
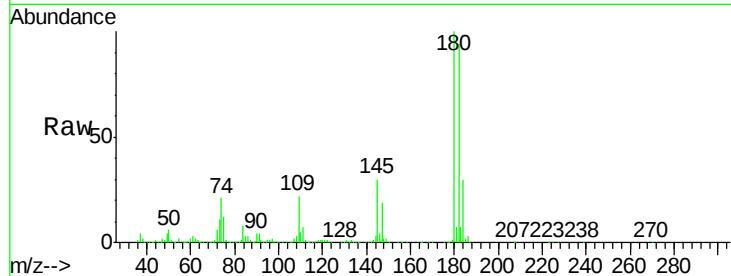
#93
 1,2,4-Trichlorobenzene
 Concen: 20.425 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006512.D
 Acq: 14 Dec 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	225986		
182	95.1	47.3	141.9	
145	30.6	14.6	43.8	

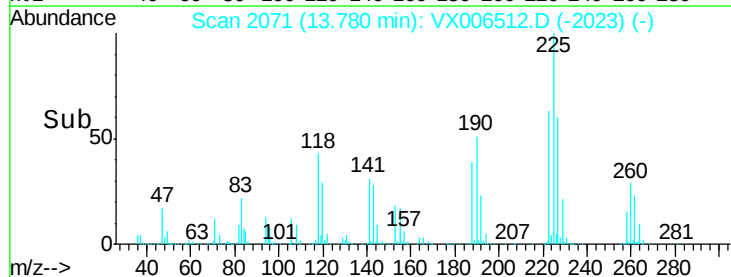
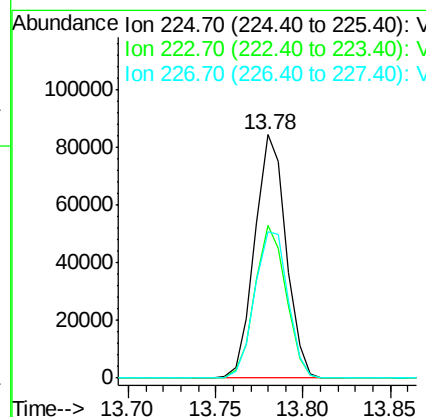
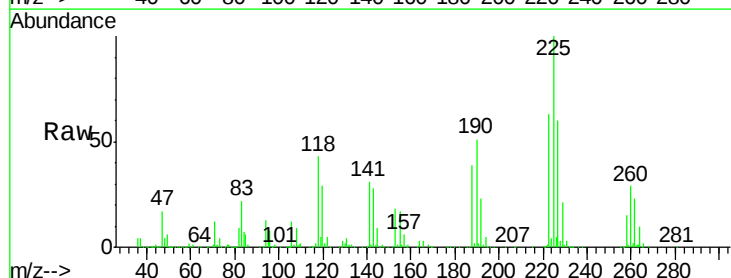
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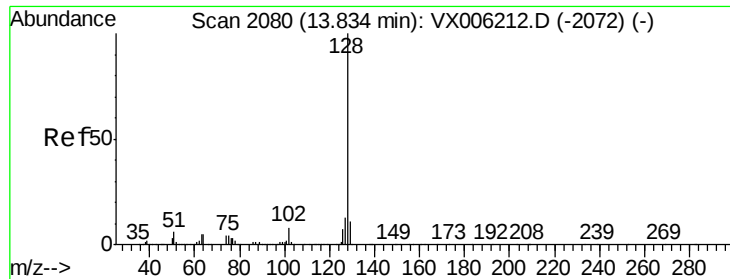
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#94
 Hexachlorobutadiene
 Concen: 21.507 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006512.D
 Acq: 14 Dec 2018 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	105233		
223	62.4	31.2	93.6	
227	63.8	31.9	95.5	





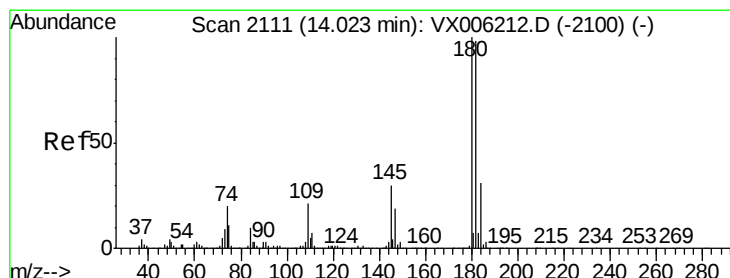
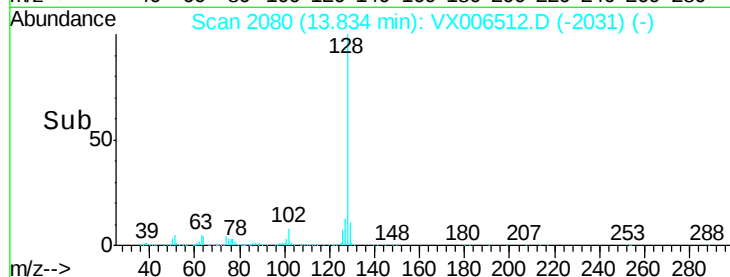
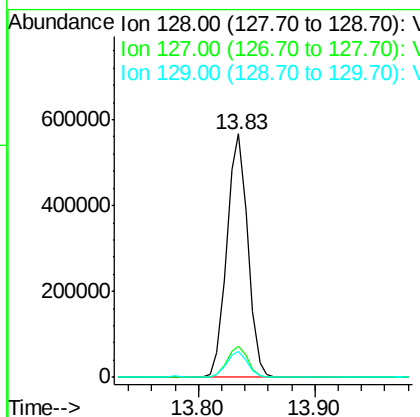
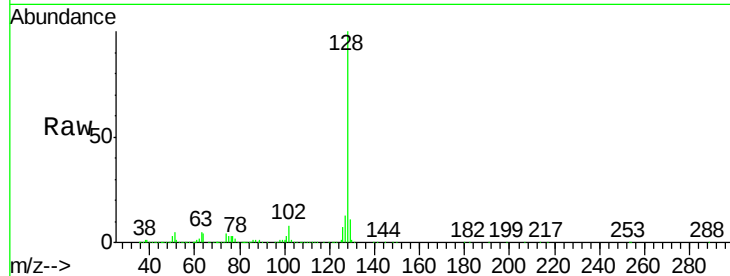
#95
Naphthalene
Concen: 20.464 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.7	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.797 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006512.D
Acq: 14 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.4	145.2
145	32.1	15.6	46.8

