

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006538.D
 Acq On : 15 Dec 2018 02:34
 Operator : JC/MD
 Sample : VX1214WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS02

Manual Integrations
 APPROVED

MMDadoda
 12/17/2018 12:12:35 PM

Quant Time: Dec 15 05:45:11 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	5.67	168	516815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	835121	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	760232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	401092	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	292743	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
35) Dibromofluoromethane	5.51	113	263775	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
50) Toluene-d8	8.71	98	976969	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.13	95	377914	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	105600	20.868	ug/l	98
3) Chloromethane	1.33	50	112475	21.629	ug/l	98
4) Vinyl Chloride	1.41	62	126259	22.559	ug/l	97
5) Bromomethane	1.64	94	126156	32.525	ug/l	99
6) Chloroethane	1.72	64	80575	23.481	ug/l	98
7) Trichlorofluoromethane	1.93	101	194053	22.588	ug/l	100
8) Diethyl Ether	2.19	74	75963	23.363	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	111082	22.739	ug/l	98
10) Methyl Iodide	2.51	142	170783	23.198	ug/l	98
11) Tert butyl alcohol	3.07	59	169069	117.179	ug/l	99
12) 1,1-Dichloroethene	2.37	96	107118	22.906	ug/l	91
13) Acrolein	2.29	56	48722	61.783	ug/l	97
14) Allyl chloride	2.73	41	178257	19.296	ug/l	99
15) Acrylonitrile	3.15	53	342054	113.608	ug/l	99
16) Acetone	2.45	43	281234	113.588	ug/l	97
17) Carbon Disulfide	2.57	76	254810	17.683	ug/l	99
18) Methyl Acetate	2.78	43	191358	23.111	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	379860	22.770	ug/l	98
20) Methylene Chloride	2.86	84	123347	23.408	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	116702	23.417	ug/l	90
22) Diisopropyl ether	3.87	45	331787	22.994	ug/l	99
23) Vinyl Acetate	3.82	43	1329050	107.993	ug/l	100
24) 1,1-Dichloroethane	3.70	63	193577	23.471	ug/l	98
25) 2-Butanone	4.70	43	416752	117.967	ug/l	100
26) 2,2-Dichloropropane	4.58	77	117912	15.492	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	131535	23.662	ug/l	98
28) Bromochloromethane	5.01	49	79943	22.192	ug/l	99
29) Tetrahydrofuran	5.15	42	279541	113.853	ug/l	96
30) Chloroform	5.21	83	209456	24.167	ug/l	99
31) Cyclohexane	5.57	56	172711	22.660	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	177424	21.516	ug/l	99
36) 1,1-Dichloropropene	5.80	75	154049	21.905	ug/l	98
37) Ethyl Acetate	4.85	43	160524	20.383	ug/l	99
38) Carbon Tetrachloride	5.78	117	153060	18.501	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190507	20.869	ug/l	99
40) Benzene	6.14	78	472629	22.439	ug/l	97
41) Methacrylonitrile	5.06	41	90206	20.816	ug/l	98
42) 1,2-Dichloroethane	6.20	62	159173	23.090	ug/l	100
43) Isopropyl Acetate	6.46	43	251344	19.141	ug/l	99
44) Trichloroethene	7.21	130	139270	21.826	ug/l	89
45) 1,2-Dichloropropane	7.51	63	115842	21.639	ug/l	99
46) Dibromomethane	7.66	93	82998	21.467	ug/l	95
47) Bromodichloromethane	7.90	83	136291	18.203	ug/l	98
48) Methyl methacrylate	7.77	41	128115	20.056	ug/l	96
49) 1,4-Dioxane	7.75	88	72333	459.427	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	824780	107.898	ug/l	98
52) Toluene	8.79	92	312869	22.578	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	143028	16.335	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	163800	18.015	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	131532	23.364	ug/l	98
56) Ethyl methacrylate	9.18	69	187247	21.276	ug/l	97
57) 1,3-Dichloropropane	9.37	76	203865	22.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	412825	92.436	ug/l	98
59) 2-Hexanone	9.49	43	628056	107.543	ug/l	99
60) Dibromochloromethane	9.59	129	116798	16.825	ug/l	98
61) 1,2-Dibromoethane	9.67	107	138046	21.930	ug/l	100
64) Tetrachloroethene	9.34	164	136056	23.764	ug/l	99
65) Chlorobenzene	10.14	112	368589	22.840	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	121608	19.395	ug/l	98
67) Ethyl Benzene	10.25	91	600192	22.361	ug/l	98
68) m/p-Xylenes	10.36	106	485337	45.141	ug/l	98
69) o-Xylene	10.70	106	239435	22.546	ug/l	98
70) Styrene	10.71	104	383307	22.316	ug/l	99
71) Bromoform	10.86	173	82701	13.972	ug/l #	99
73) Isopropylbenzene	11.02	105	621844	22.450	ug/l	100
74) N-amyl acetate	10.90	43	230087	19.290	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	192458	21.718	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	176600m	22.811	ug/l	
77) Bromobenzene	11.26	156	166899	21.712	ug/l	96
78) n-propylbenzene	11.36	91	681471	22.133	ug/l	100
79) 2-Chlorotoluene	11.42	91	412733	22.553	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	519784	22.554	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40480	12.271	ug/l #	79
82) 4-Chlorotoluene	11.51	91	475685	22.357	ug/l	100
83) tert-Butylbenzene	11.77	119	518110	21.070	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	534931	22.479	ug/l	99
85) sec-Butylbenzene	11.94	105	627634	22.436	ug/l	100
86) p-Isopropyltoluene	12.06	119	555257	22.043	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	301153	22.018	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	299573	21.579	ug/l	98
89) n-Butylbenzene	12.38	91	452320	21.045	ug/l	99
90) Hexachloroethane	12.60	117	79257	15.438	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	304949	22.464	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38305	16.863	ug/l	91

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Instrument :
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ClientSampleId :
VX1214WBS02

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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	201736	20.370	ug/l	99
94) Hexachlorobutadiene	13.78	225	89608	20.459	ug/l	99
95) Naphthalene	13.83	128	671690	21.803	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	208985	21.305	ug/l	99

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

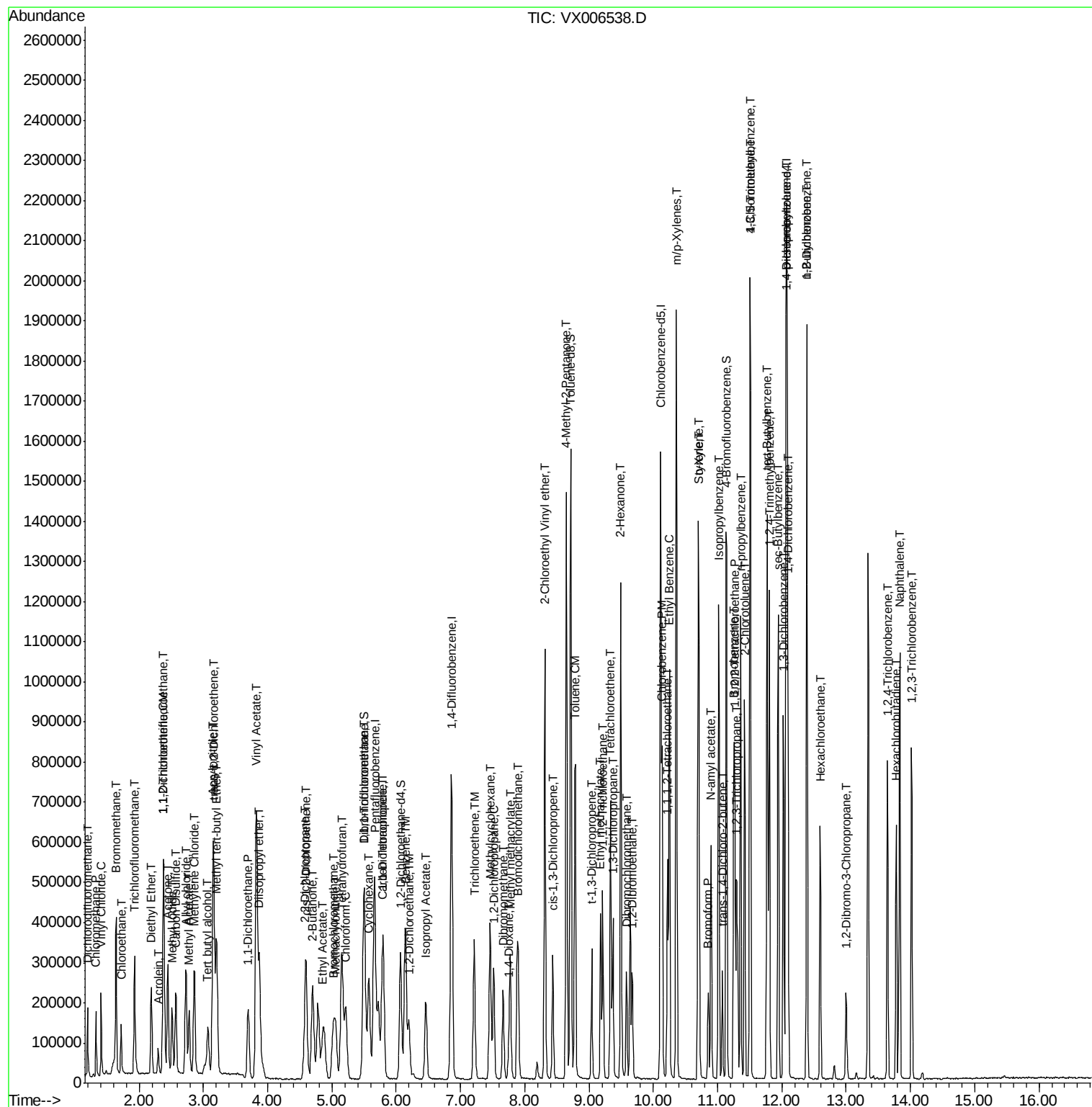
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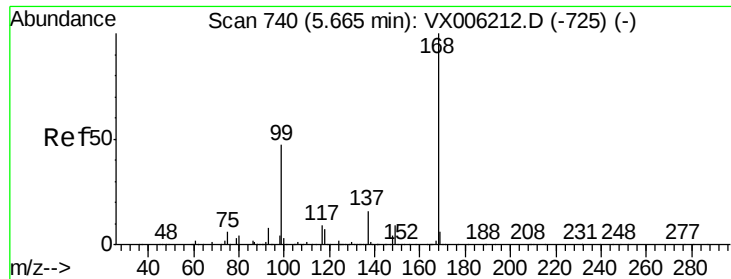
Instrument :
 MSVOA_X
 Client Sample ID :
 VX1214WBS02

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 168 Resp: 516815

Ion Ratio Lower Upper

168 100

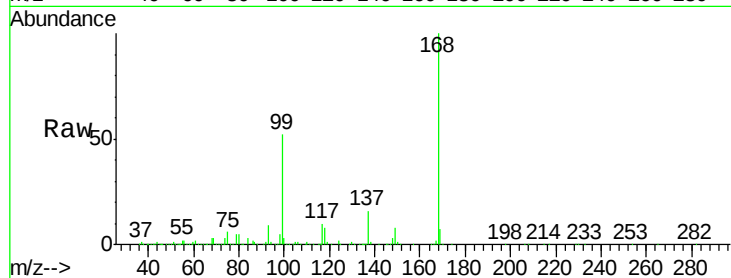
99 52.1 37.8 56.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

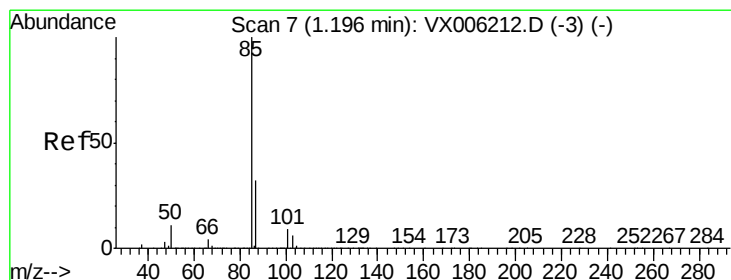
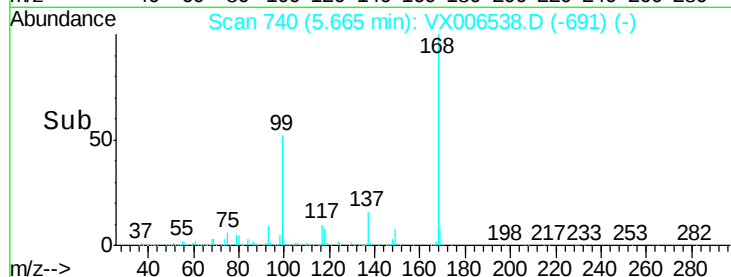
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.868 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006538.D

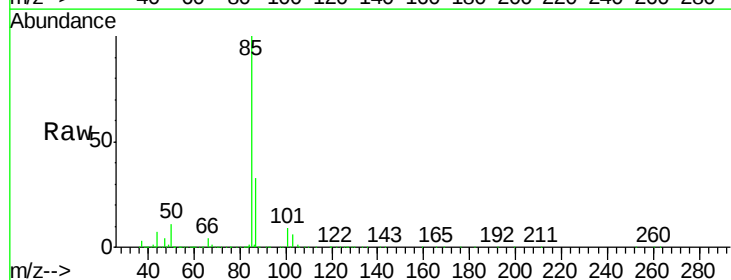
Acq: 15 Dec 2018 02:34

Tgt Ion: 85 Resp: 105600

Ion Ratio Lower Upper

85 100

87 33.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

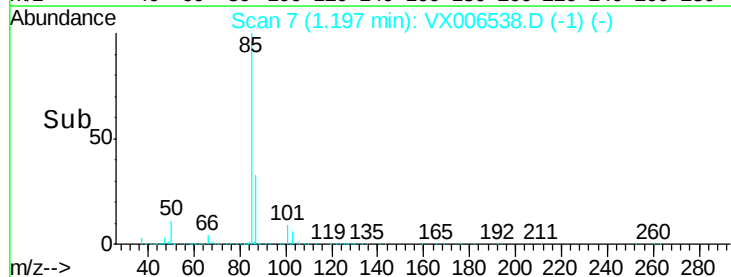
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Time-->





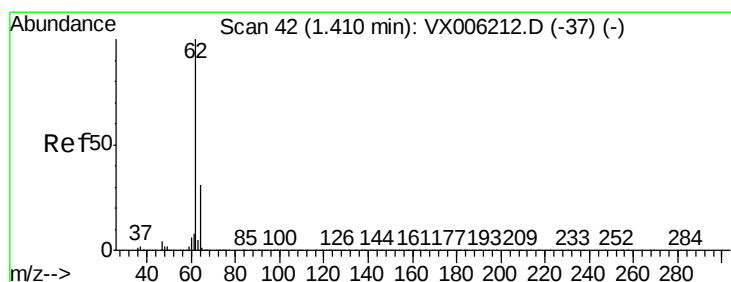
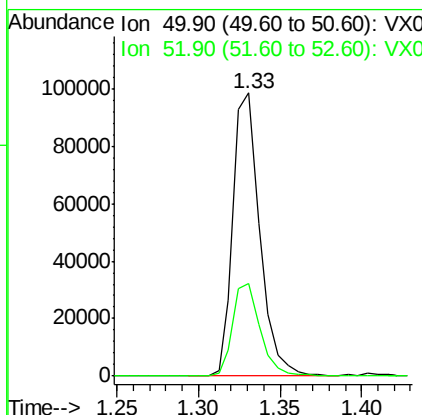
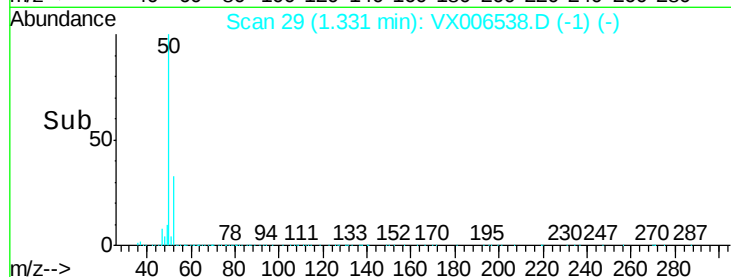
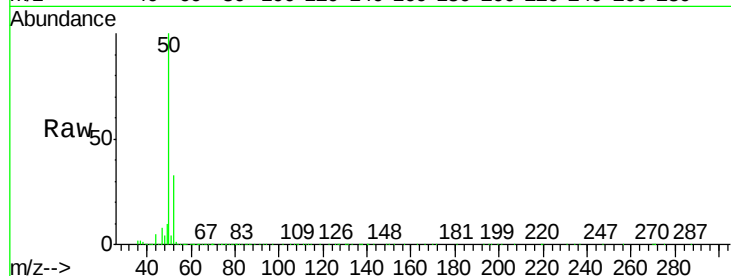
#3
Chloromethane
Concen: 21.629 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion: 50 Resp: 112475
Ion Ratio Lower Upper
50 100
52 32.8 25.2 37.8

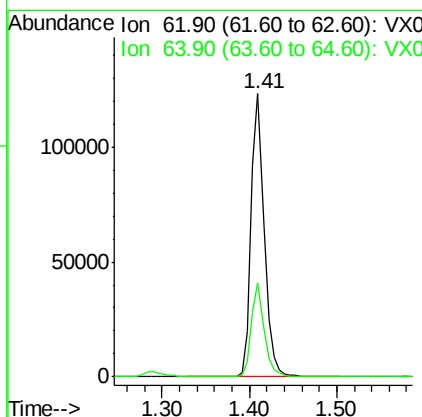
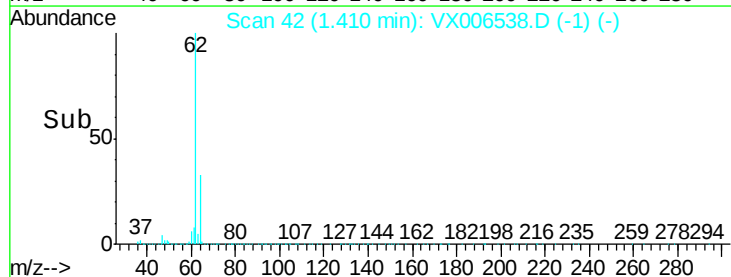
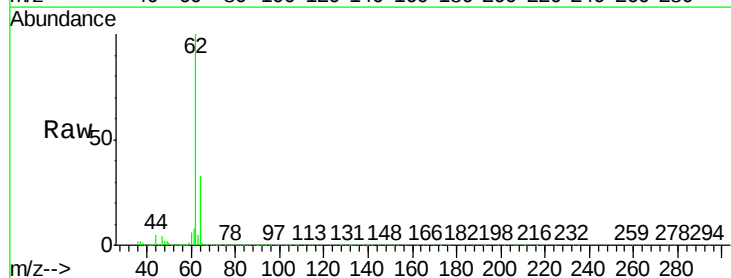
Manual Integrations
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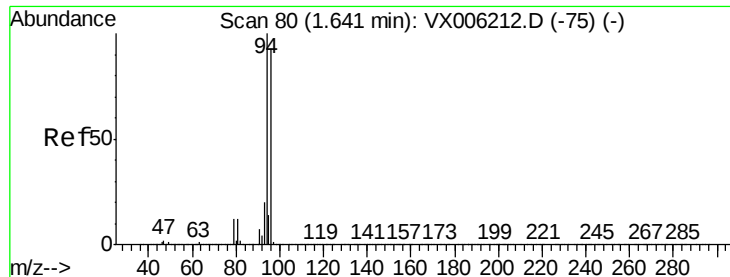
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#4
Vinyl Chloride
Concen: 22.559 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion: 62 Resp: 126259
Ion Ratio Lower Upper
62 100
64 32.8 24.9 37.3





#5

Bromomethane

Concen: 32.525 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 94 Resp: 126156

Ion Ratio Lower Upper

94 100

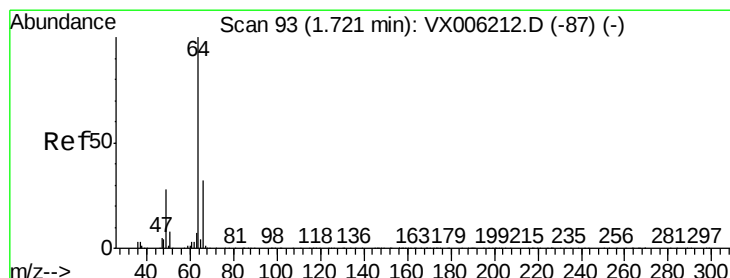
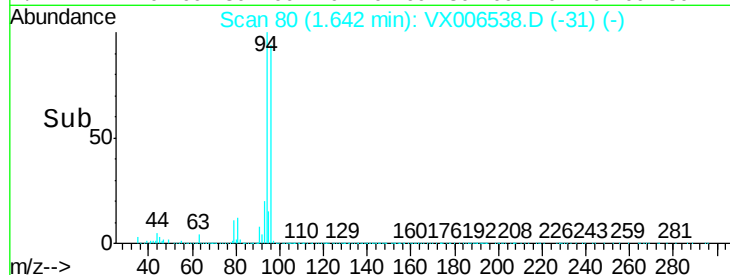
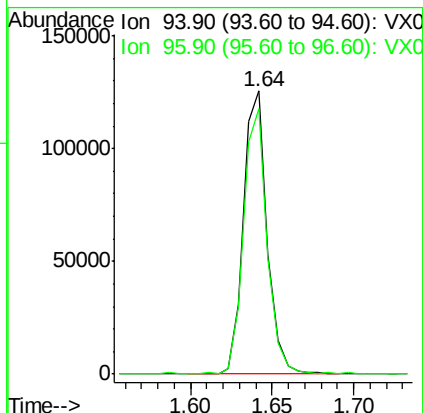
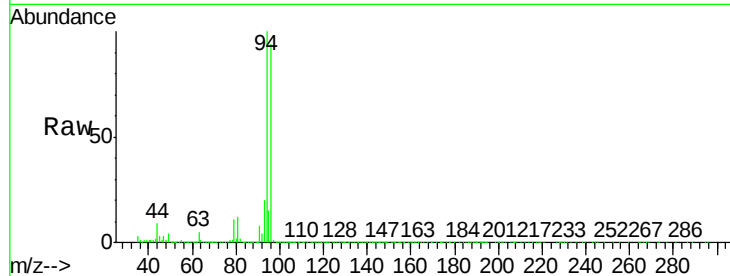
96 93.6 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 23.481 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006538.D

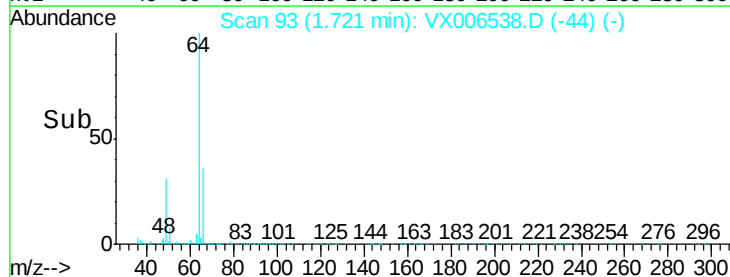
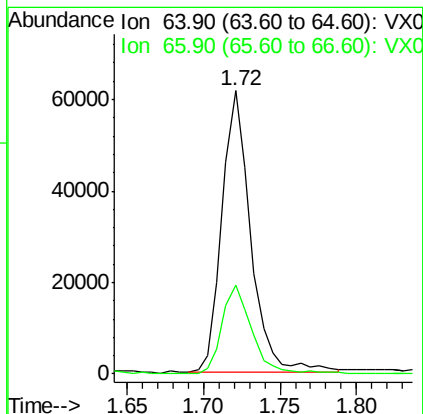
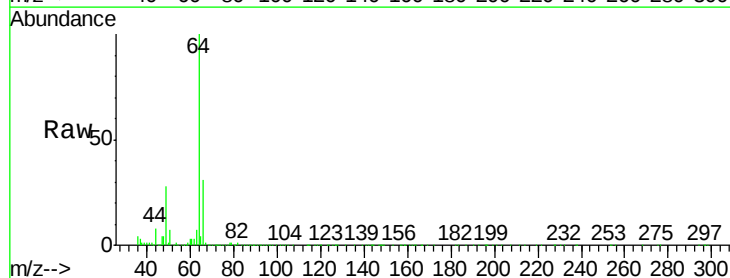
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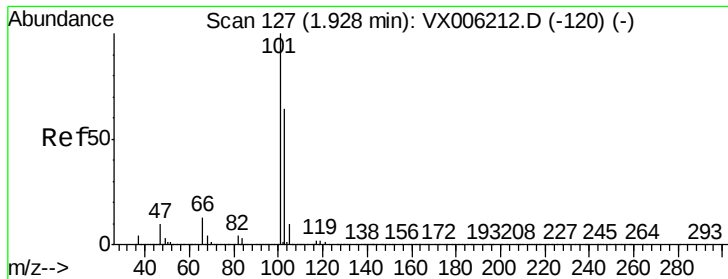
Tgt Ion: 64 Resp: 80575

Ion Ratio Lower Upper

64 100

66 31.2 25.9 38.9





#7

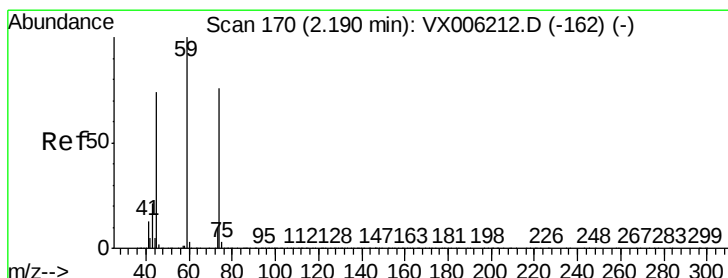
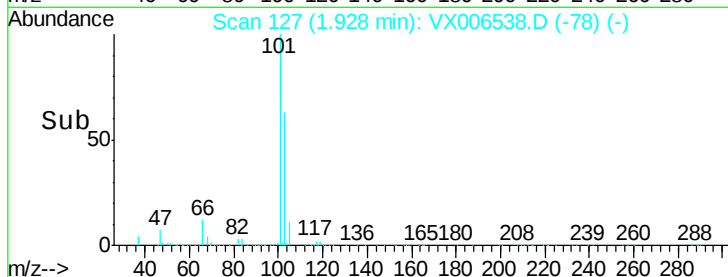
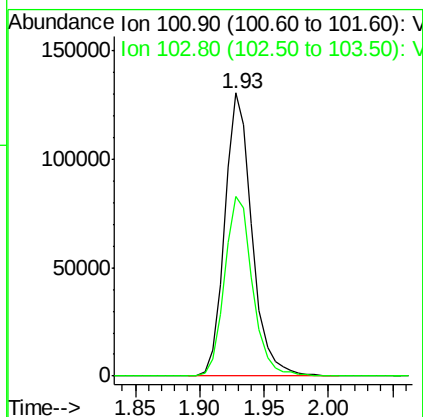
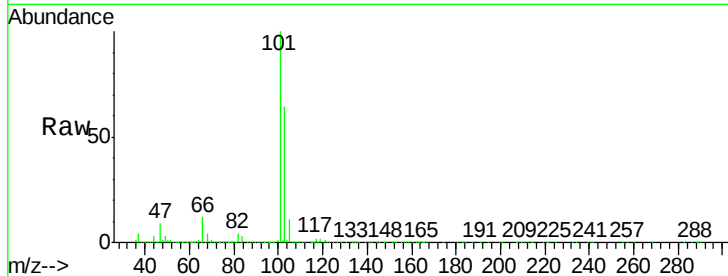
Trichlorofluoromethane
Concen: 22.588 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
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ClientSampleId :
VX1214WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	194053		
103	63.6	51.0	76.4	

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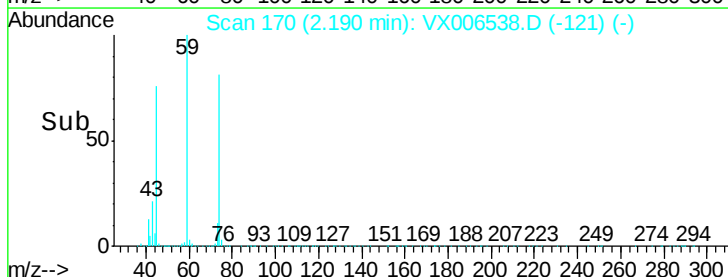
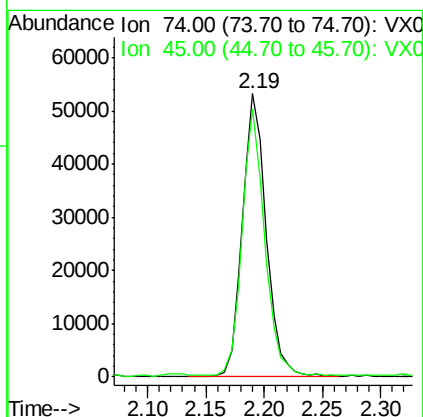
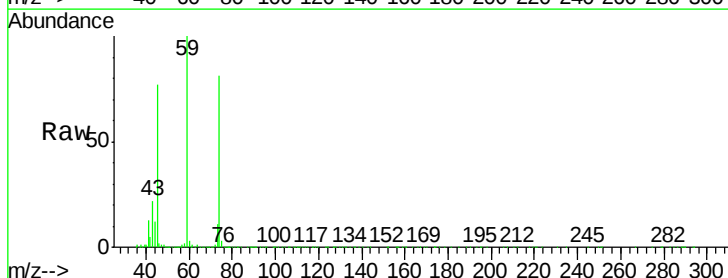
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12/17/2018 12:12:35 PM

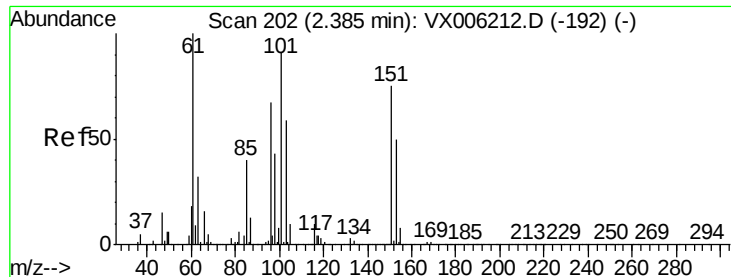


#8

Diethyl Ether
Concen: 23.363 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	75963		
45	89.7	49.5	148.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.739 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

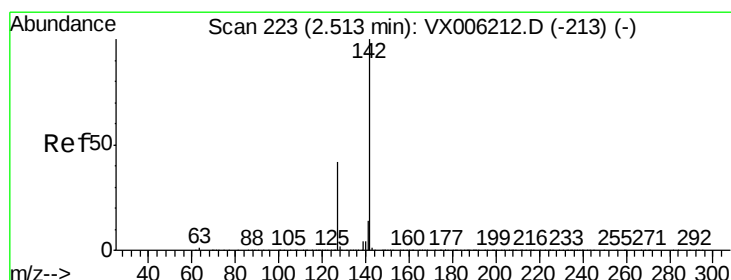
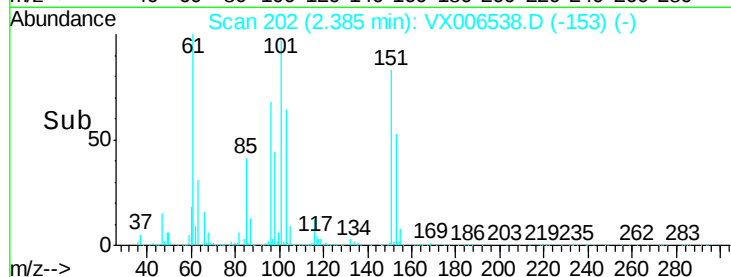
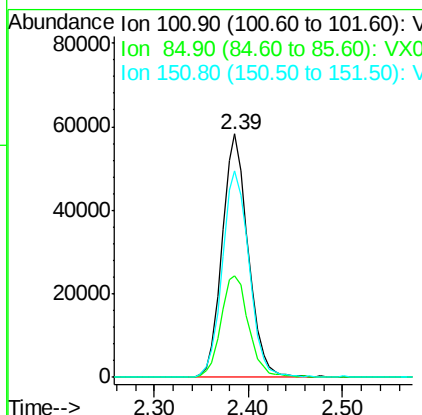
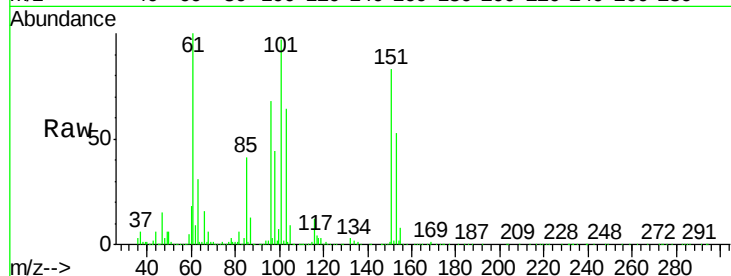
ClientSampleId :

VX1214WBS02

Tgt Ion:	101	Resp:	111082
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.5	53.3
151	87.7	68.6	103.0

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#10

Methyl Iodide

Concen: 23.198 ug/l

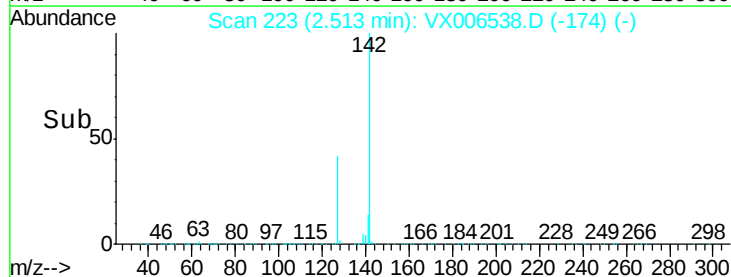
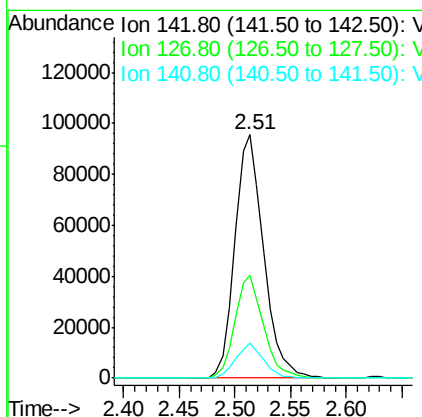
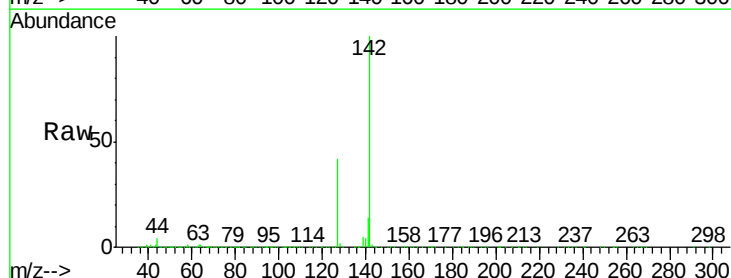
RT: 2.51 min Scan# 223

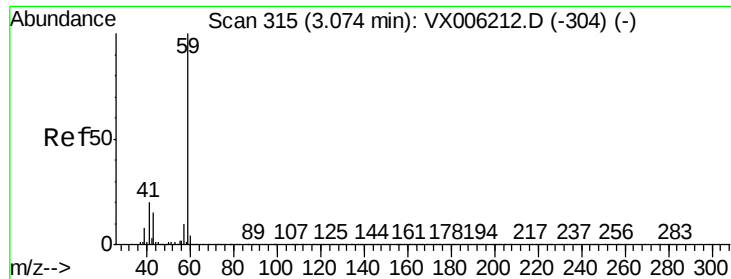
Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Tgt Ion:	142	Resp:	170783
Ion Ratio	Lower	Upper	
142	100		
127	41.7	34.8	52.2
141	14.0	11.4	17.2





#11

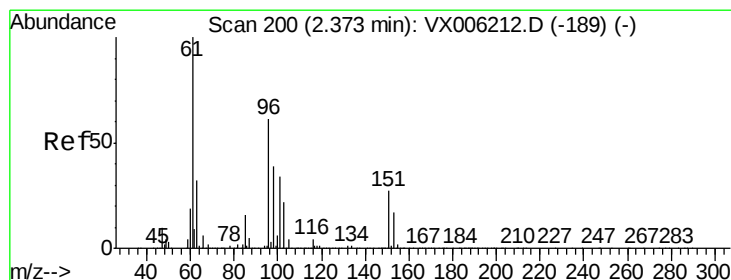
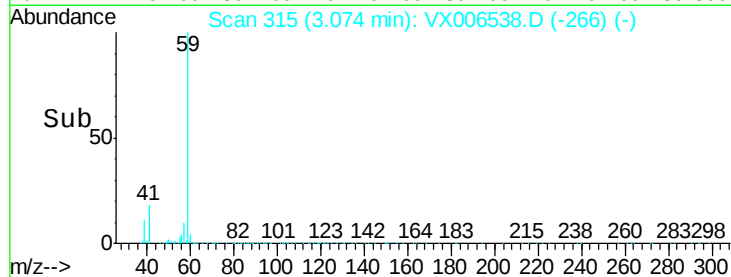
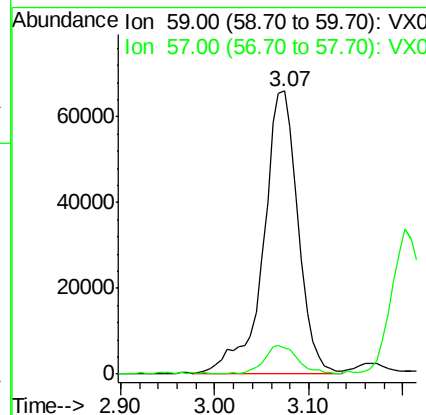
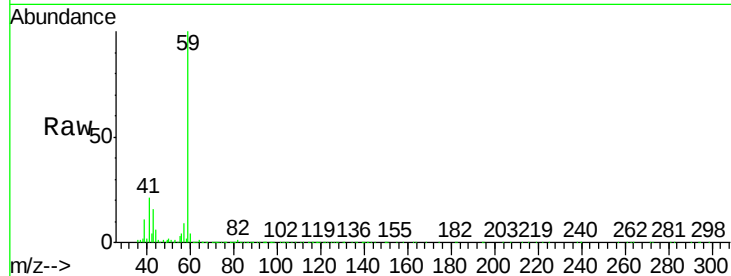
Tert butyl alcohol
Concen: 117.179 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.2	12.2

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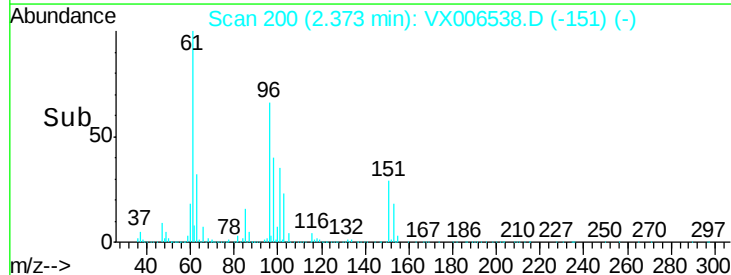
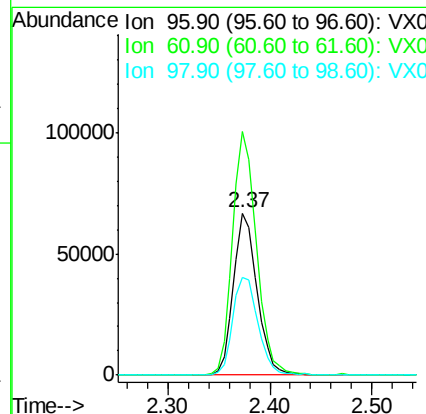
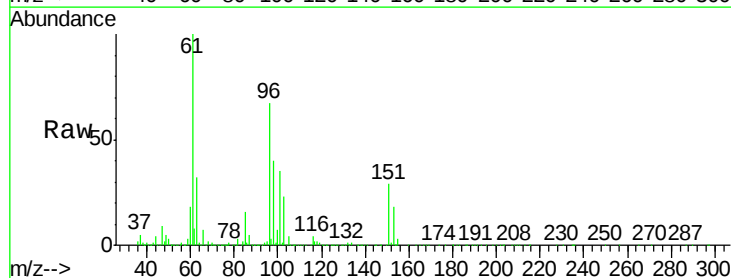
MMDadoda
12/17/2018 12:12:35 PM

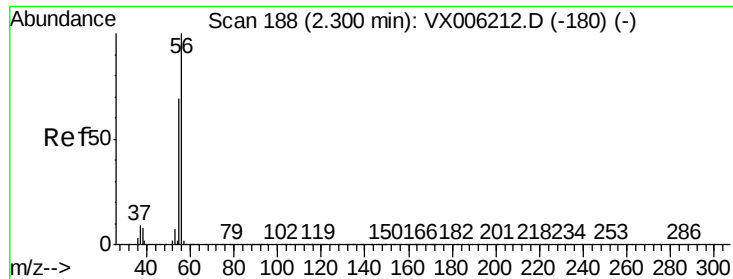


#12

1,1-Dichloroethene
Concen: 22.906 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.2	131.7	197.5
98	60.3	51.8	77.6





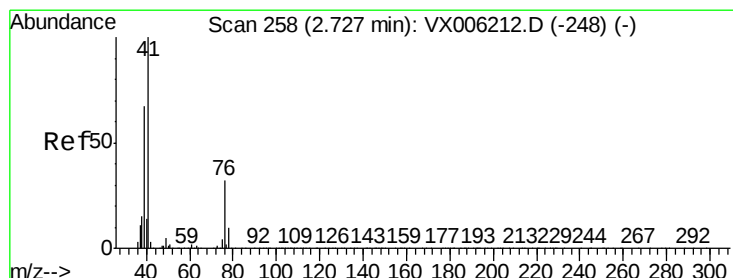
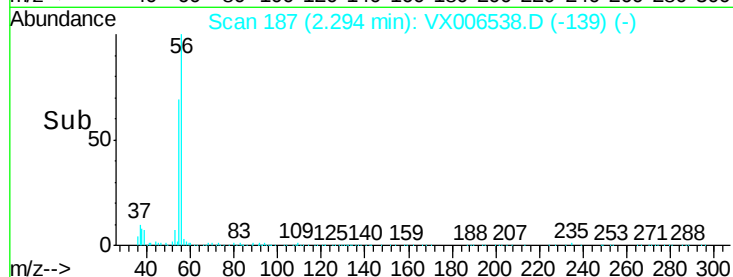
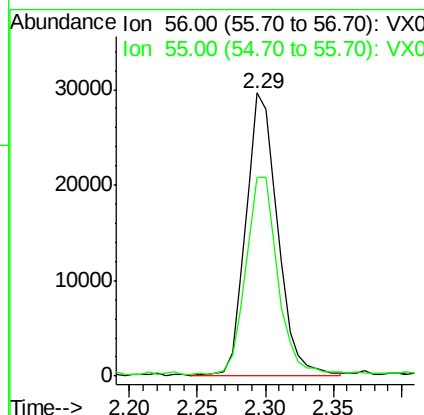
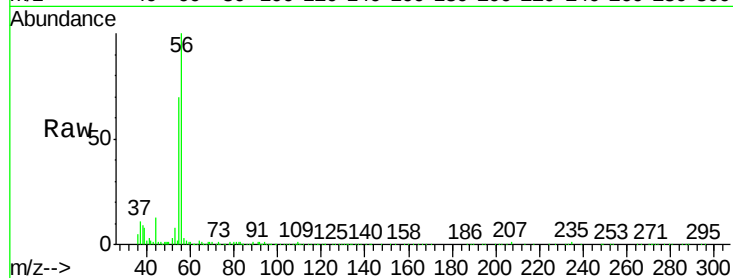
#13
Acrolein
Concen: 61.783 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion: 56 Resp: 48722
Ion Ratio Lower Upper
56 100
55 69.7 57.8 86.6

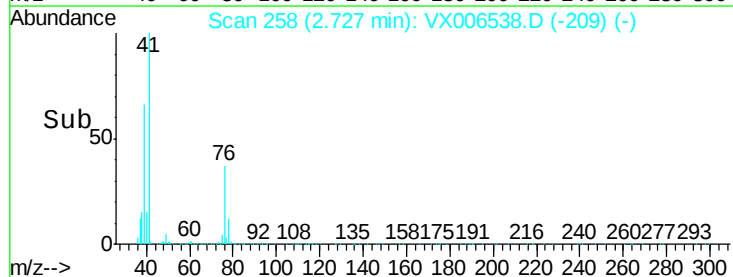
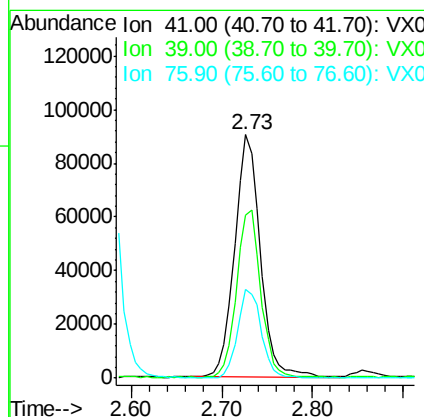
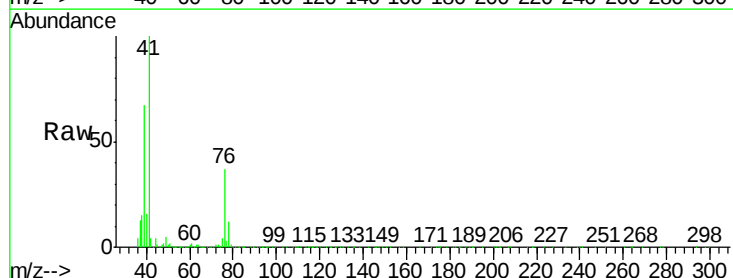
Manual Integrations
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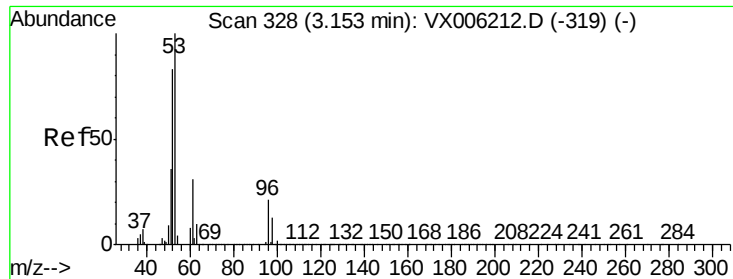
MMDadoda
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#14
Allyl chloride
Concen: 19.296 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion: 41 Resp: 178257
Ion Ratio Lower Upper
41 100
39 65.0 52.4 78.6
76 33.4 25.4 38.0





#15

Acrylonitrile

Concen: 113.608 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

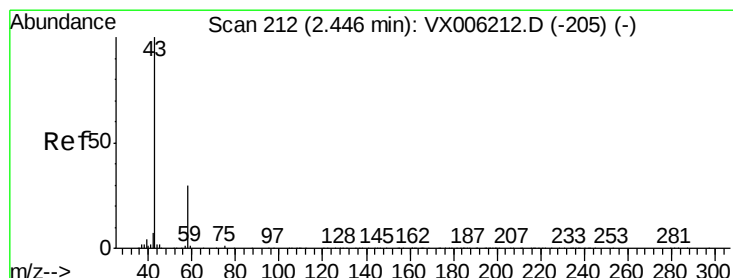
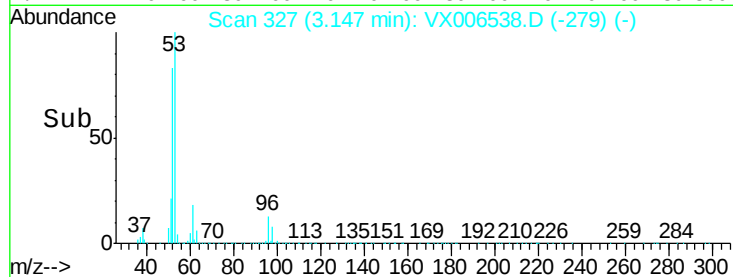
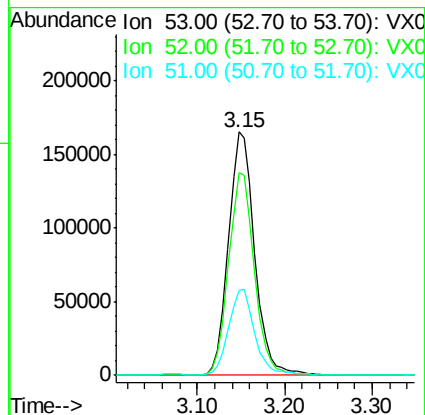
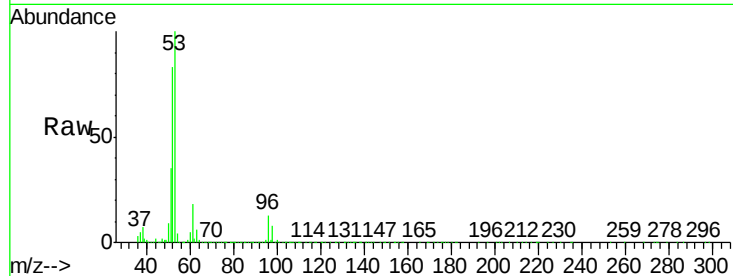
ClientSampleId :

VX1214WBS02

Tgt Ion:	53	Resp:	342054
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.2	99.4
51	35.1	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 113.588 ug/l

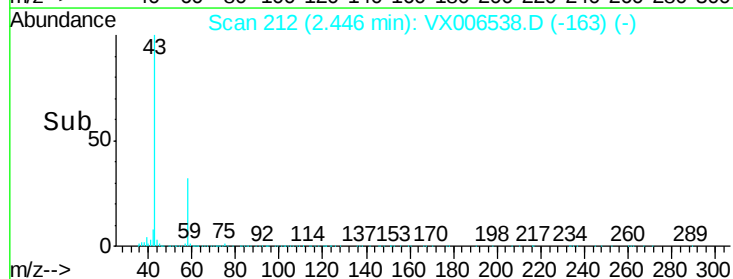
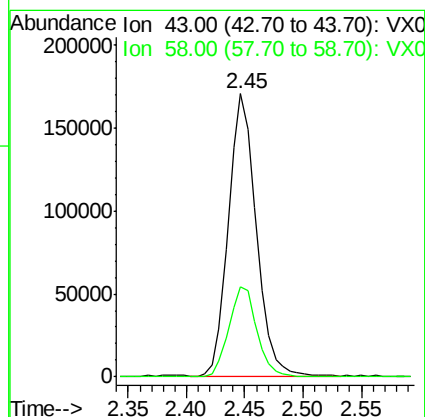
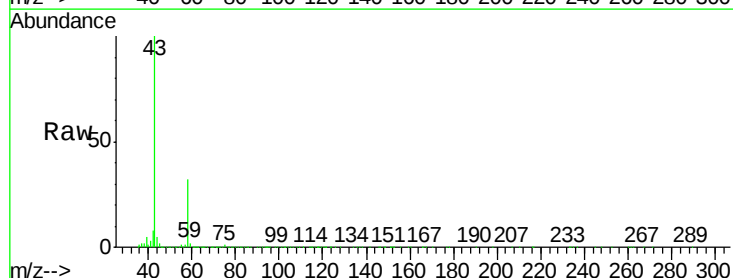
RT: 2.45 min Scan# 212

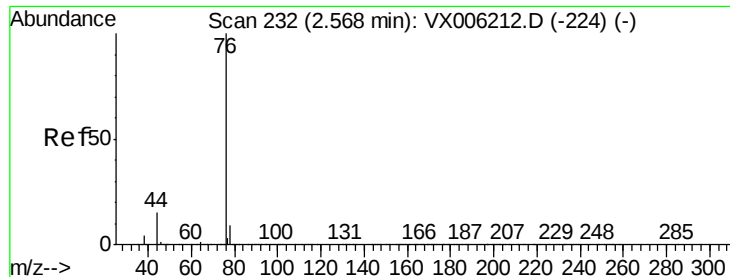
Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Tgt Ion:	43	Resp:	281234
Ion Ratio	Lower	Upper	
43	100		
58	31.8	24.0	36.0





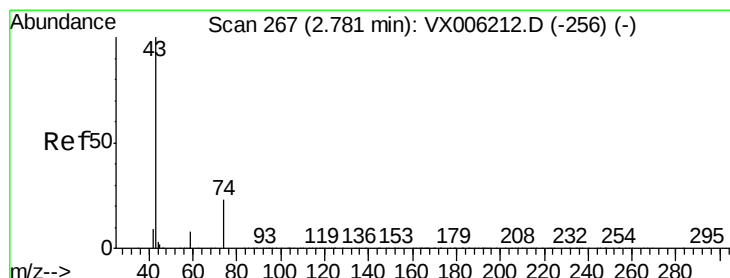
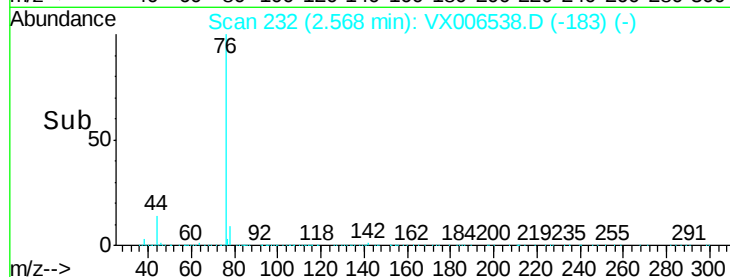
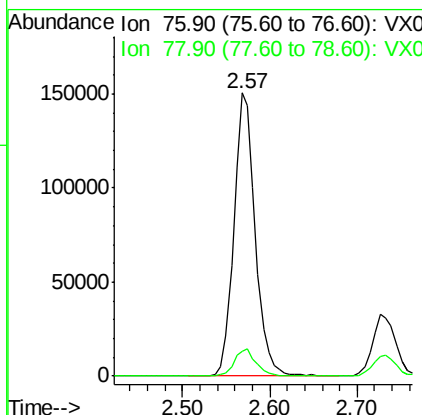
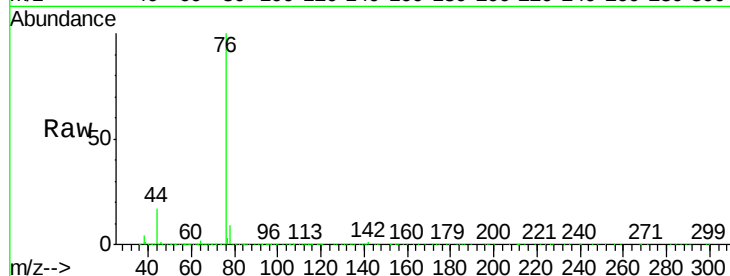
#17
Carbon Disulfide
Concen: 17.683 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.1	10.7

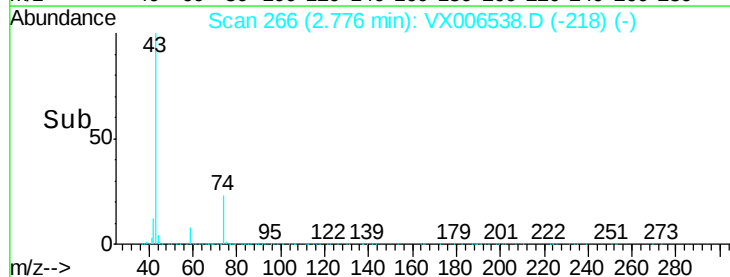
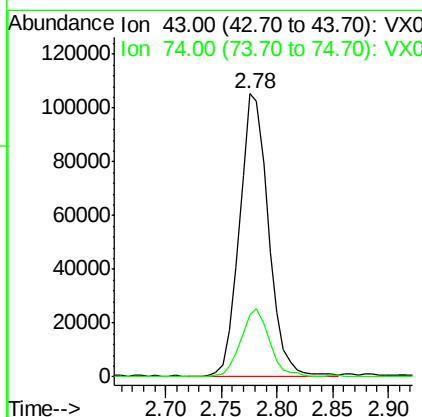
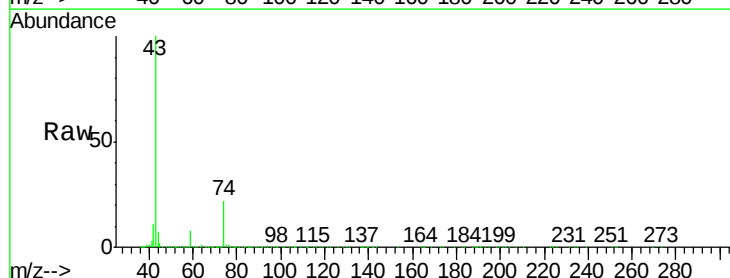
Manual Integrations
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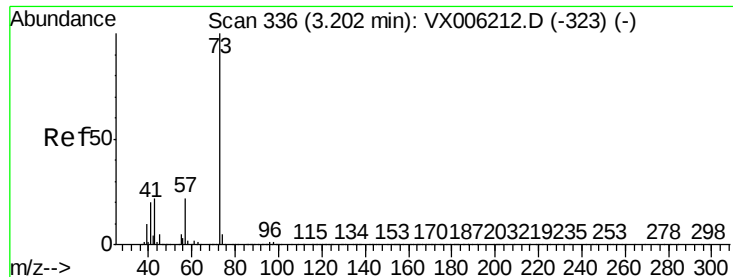
MMDadoda
12/17/2018 12:12:35 PM



#18
Methyl Acetate
Concen: 23.111 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	17.9	26.9





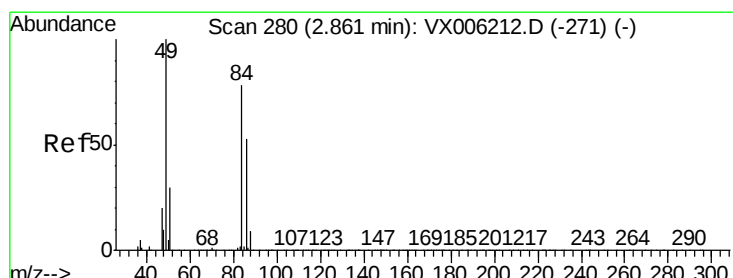
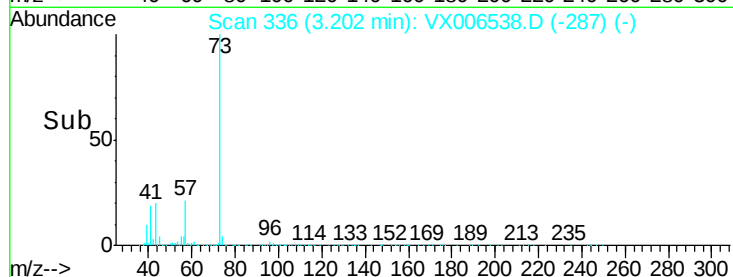
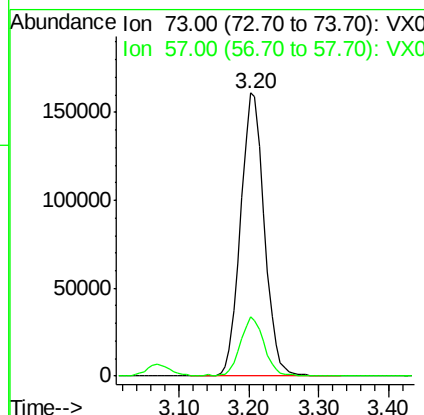
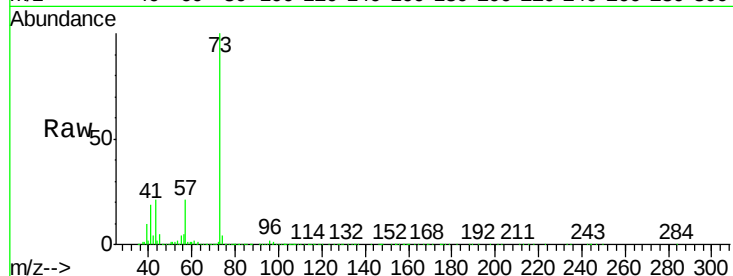
#19
Methyl tert-butyl Ether
Concen: 22.770 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.5	26.3

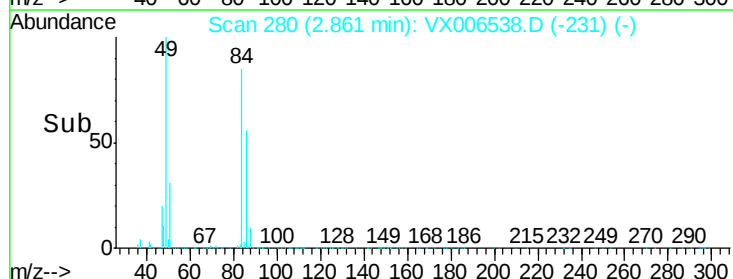
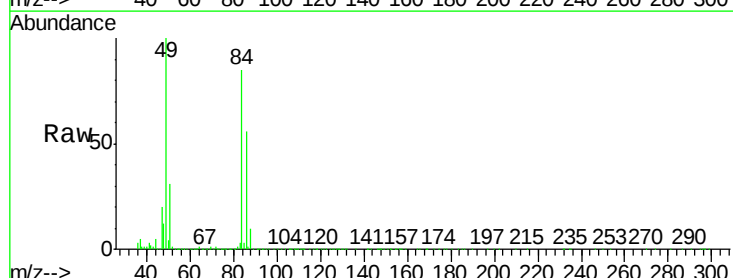
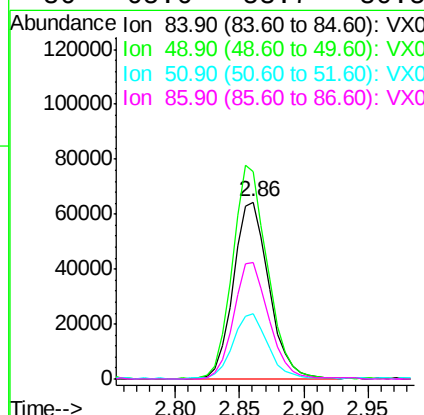
Manual Integrations
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#20
Methylene Chloride
Concen: 23.408 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.1	102.2	153.4
51	36.5	31.1	46.7
86	65.6	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 23.417 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

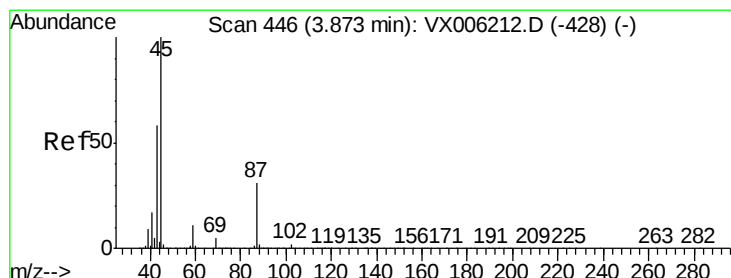
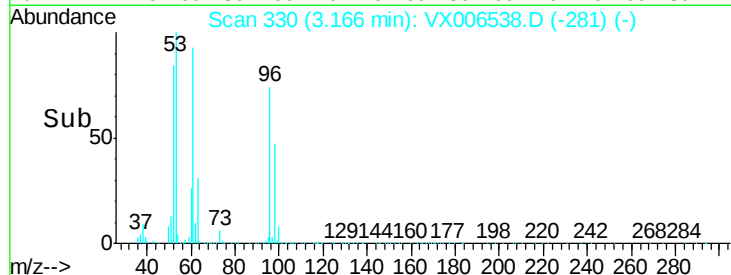
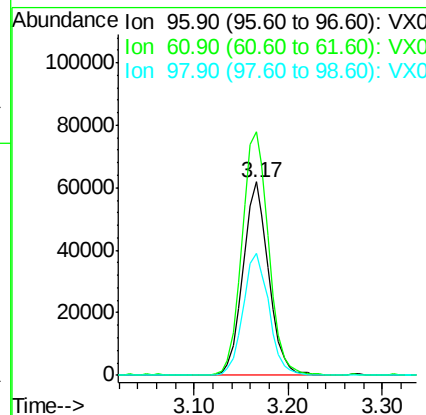
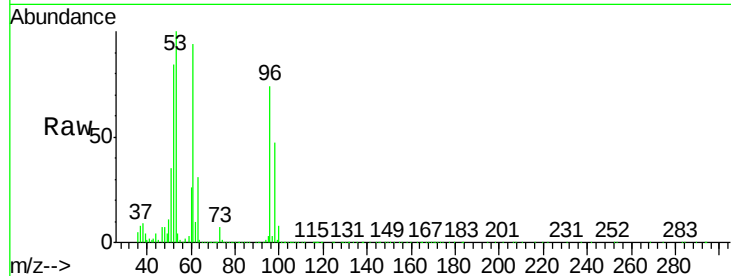
ClientSampleId :

VX1214WBS02

Tgt Ion:	96	Resp:	116702
Ion Ratio	Lower	Upper	
96	100		
61	125.8	113.3	169.9
98	62.7	53.2	79.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.994 ug/l

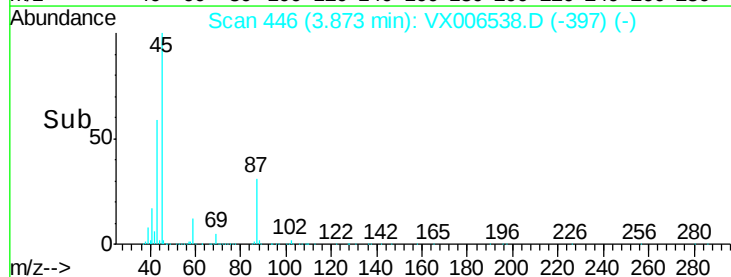
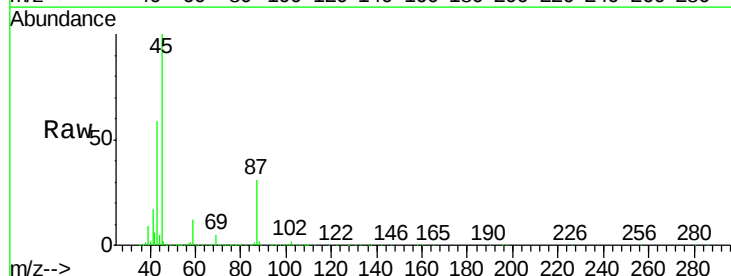
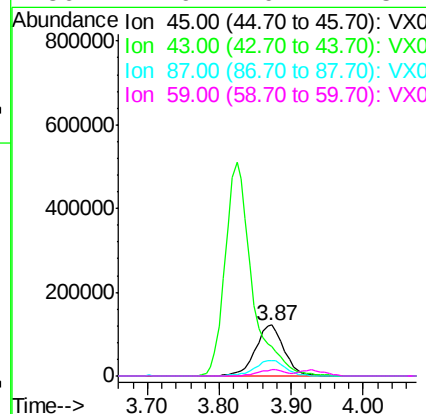
RT: 3.87 min Scan# 446

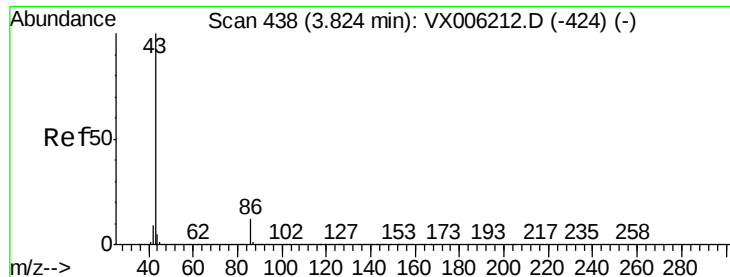
Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Tgt Ion:	45	Resp:	331787
Ion Ratio	Lower	Upper	
45	100		
43	58.6	46.2	69.2
87	31.2	24.9	37.3
59	11.9	9.1	13.7





#23

Vinyl Acetate

Concen: 107.993 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 43 Resp: 1329050

Ion Ratio Lower Upper

43 100

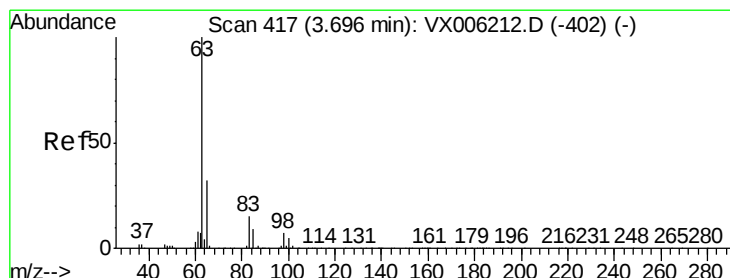
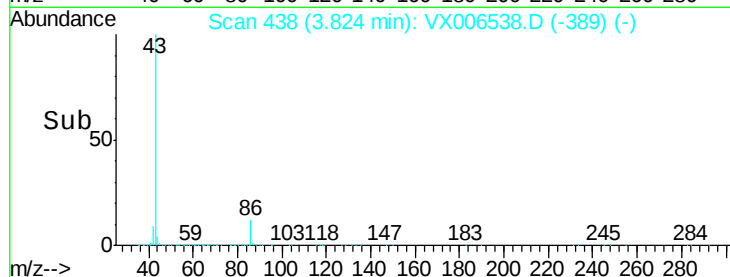
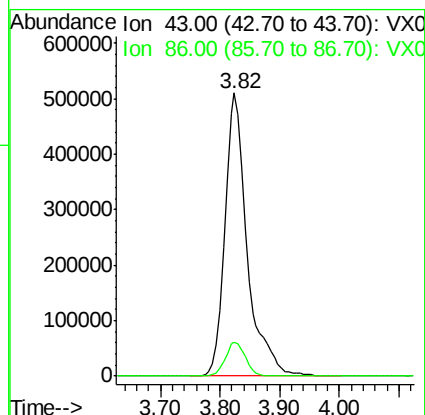
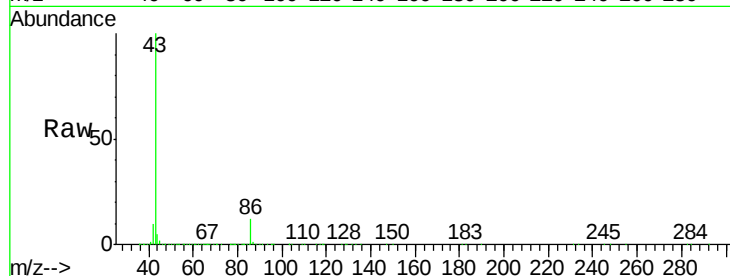
86 11.8 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 23.471 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

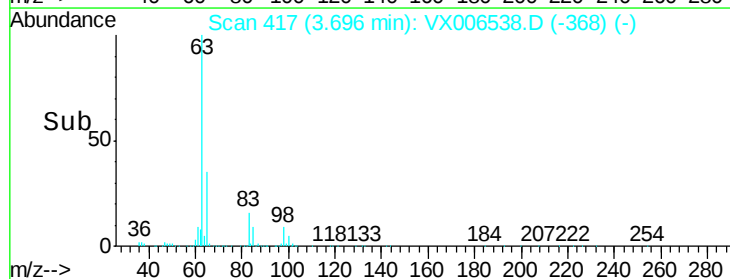
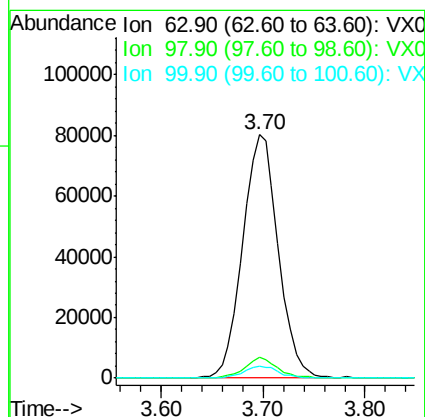
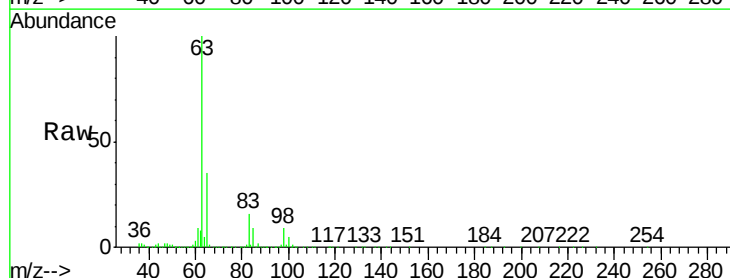
Tgt Ion: 63 Resp: 193577

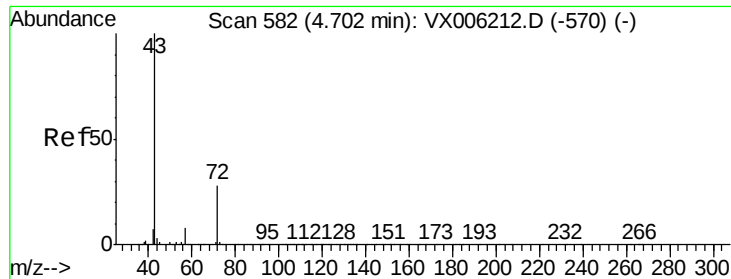
Ion Ratio Lower Upper

63 100

98 8.7 3.8 11.4

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 117.967 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 43 Resp: 416752

Ion Ratio Lower Upper

43 100

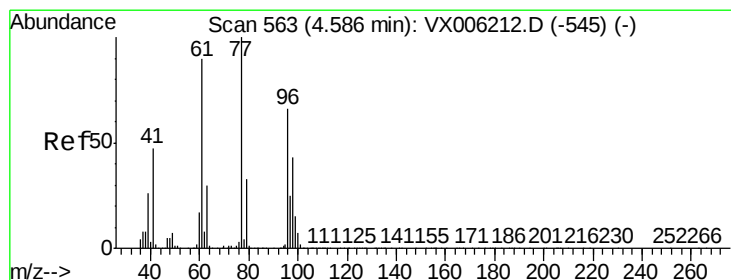
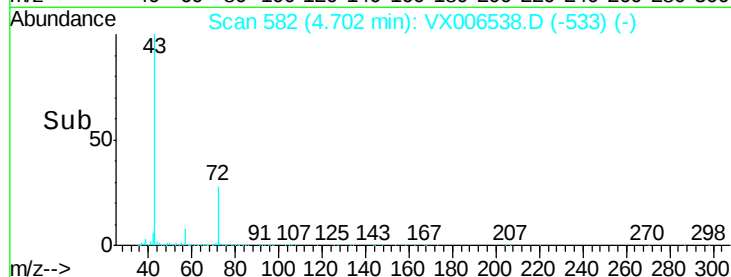
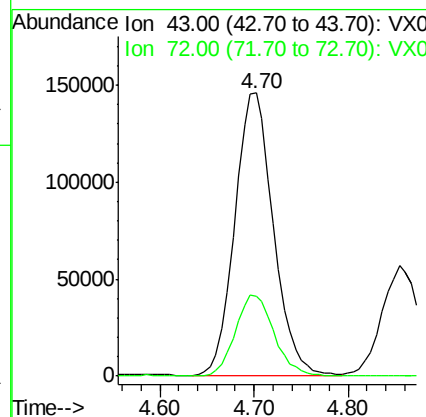
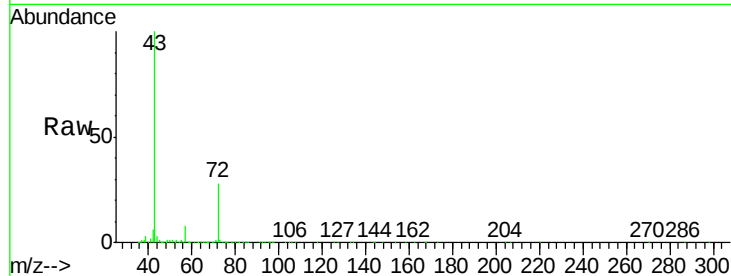
72 28.1 22.6 33.8

Manual Integrations

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MMDadoda

12/17/2018 12:12:35 PM



#26

2,2-Dichloropropane

Concen: 15.492 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006538.D

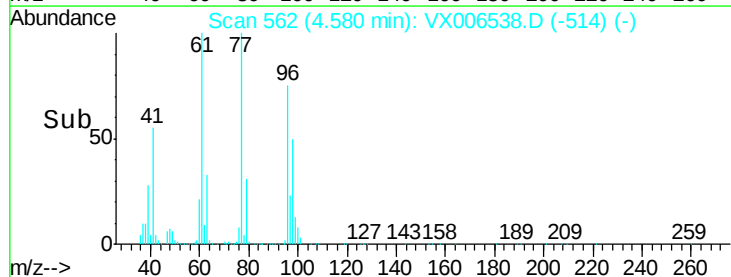
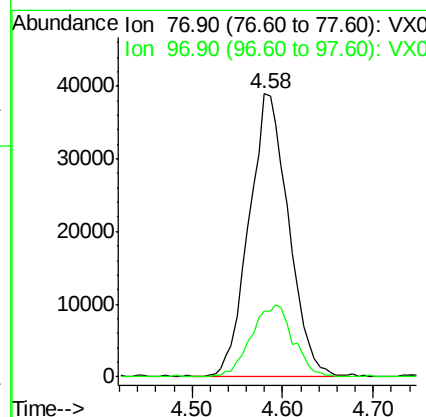
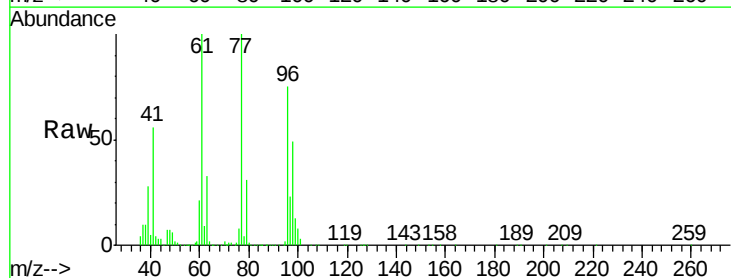
Acq: 15 Dec 2018 02:34

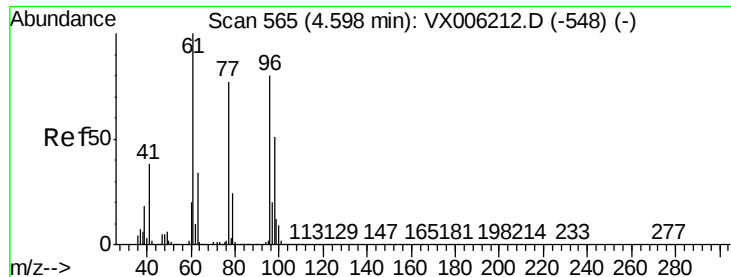
Tgt Ion: 77 Resp: 117912

Ion Ratio Lower Upper

77 100

97 27.0 12.3 36.8





#27

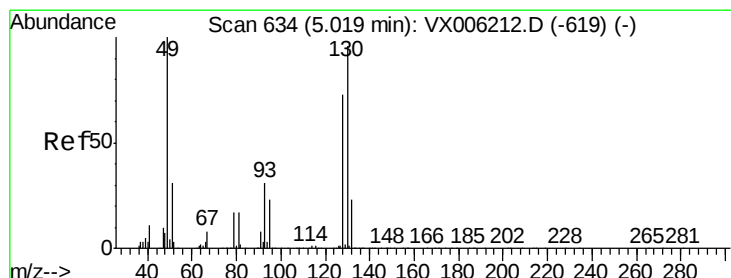
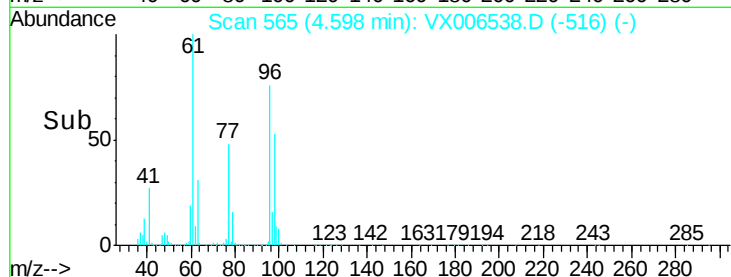
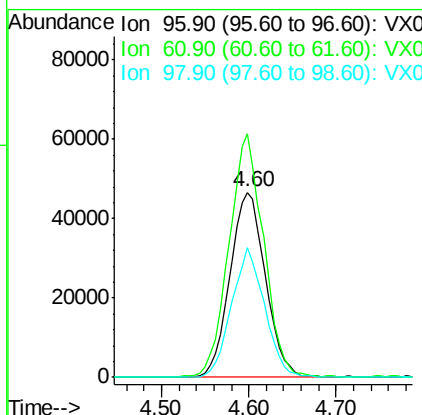
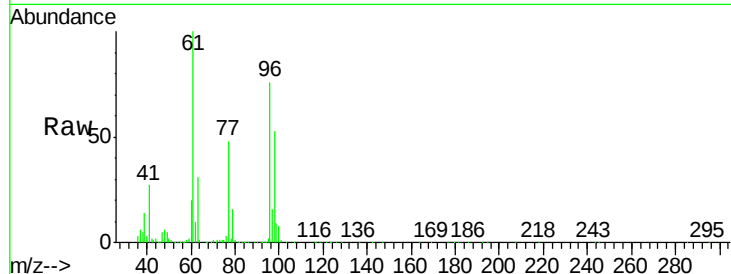
cis-1,2-Dichloroethene
Concen: 23.662 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.8	0.0	265.0
98	65.8	0.0	130.2

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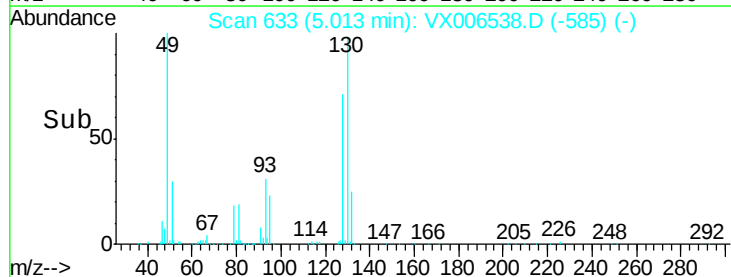
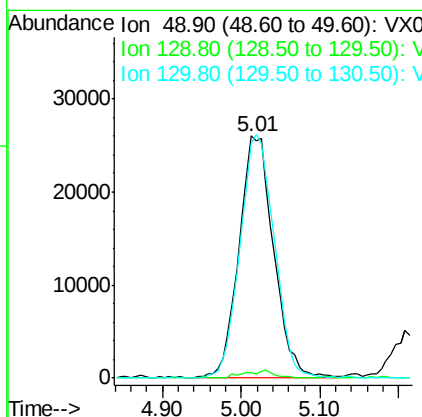
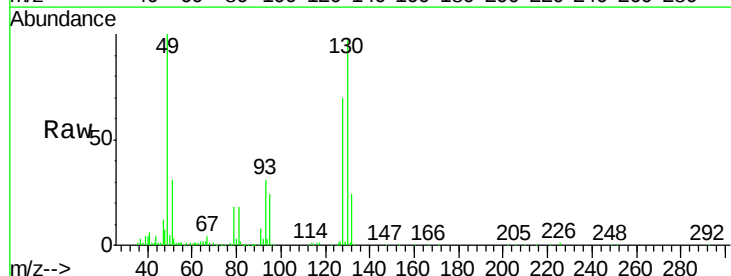
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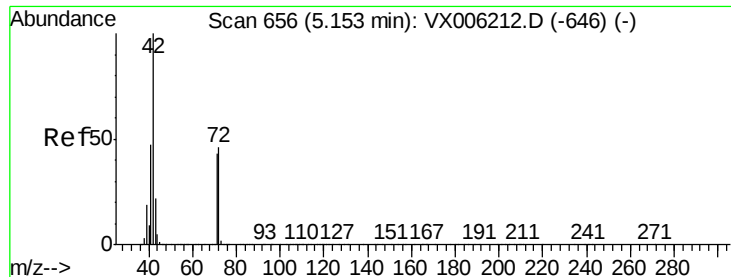


#28

Bromochloromethane
Concen: 22.192 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.0
130	99.2	78.3	117.5





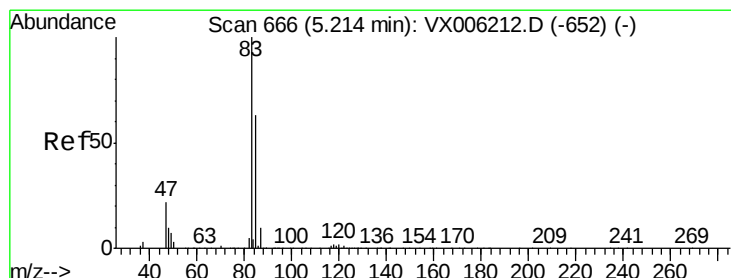
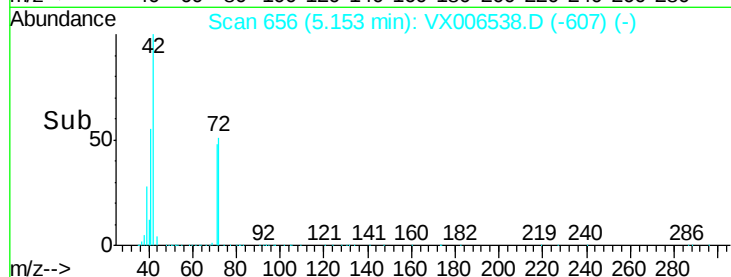
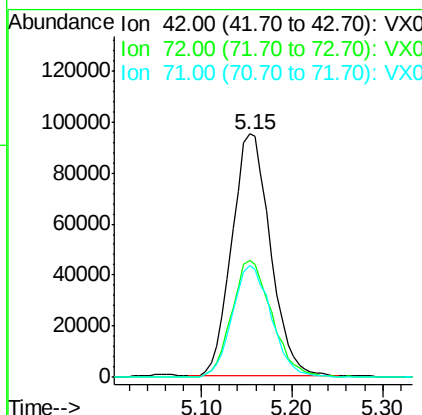
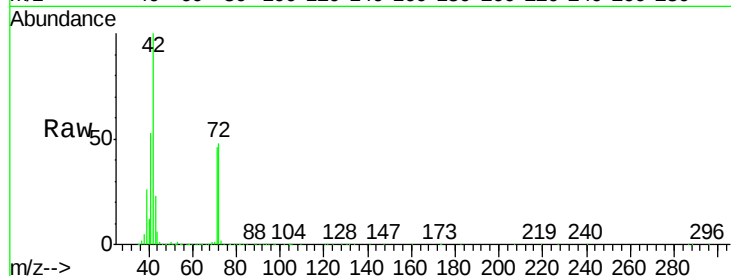
#29
Tetrahydrofuran
Concen: 113.853 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.8	37.8	56.8
71	46.5	35.2	52.8

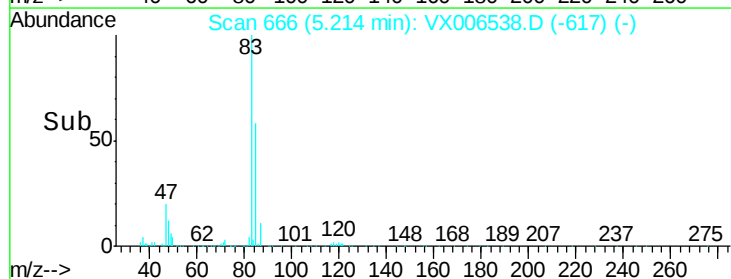
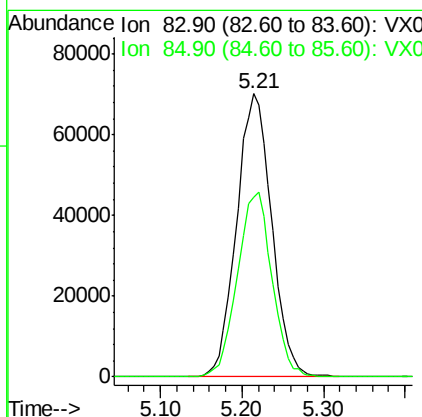
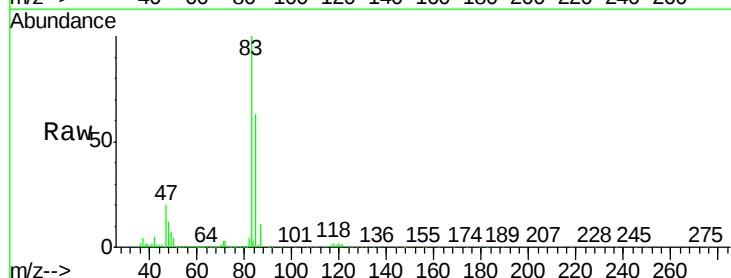
Manual Integrations
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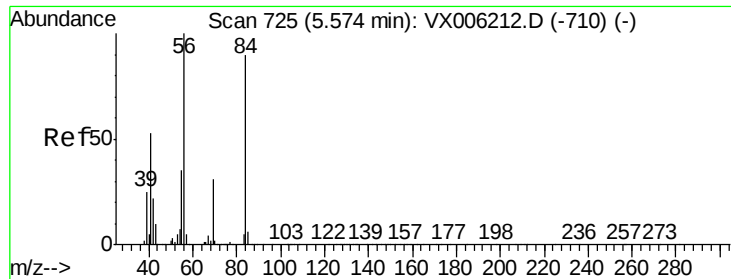
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#30
Chloroform
Concen: 24.167 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.3	75.5





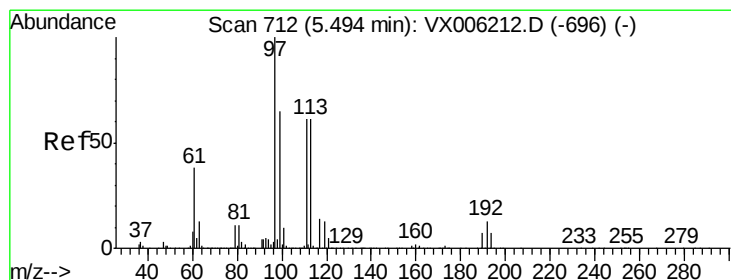
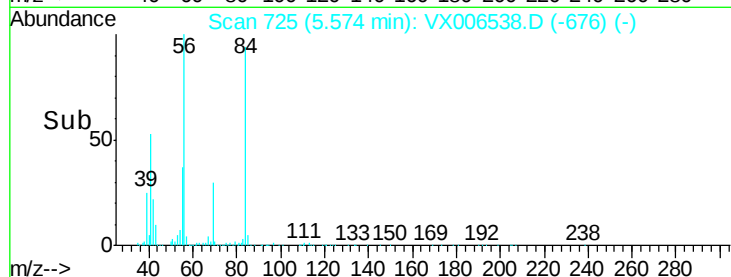
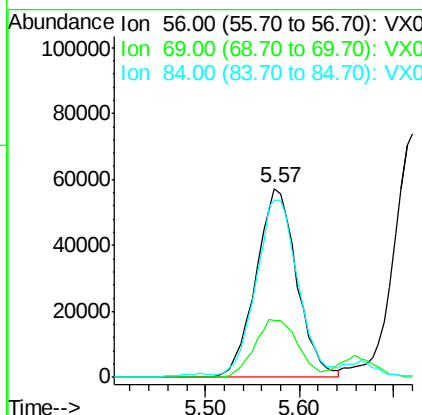
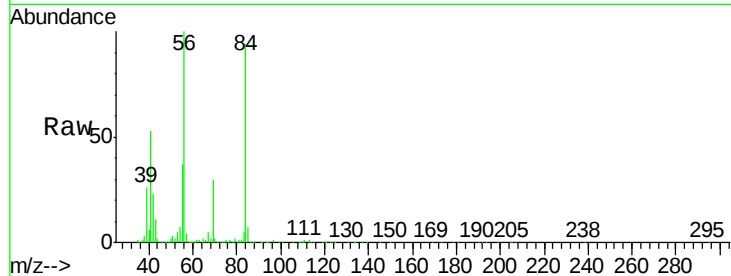
#31
Cyclohexane
Concen: 22.660 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.5	36.7
84	92.1	71.8	107.6

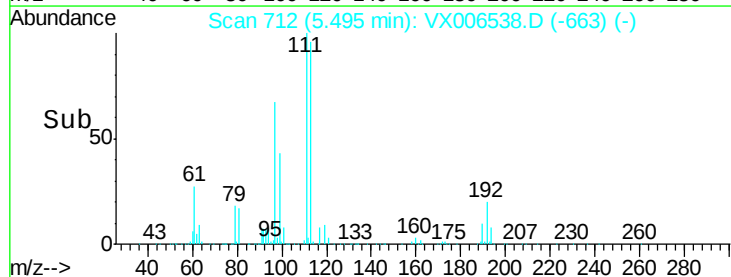
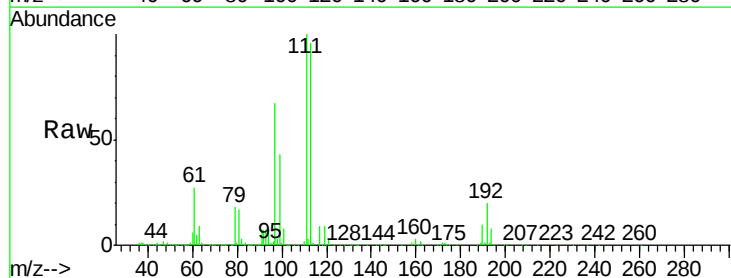
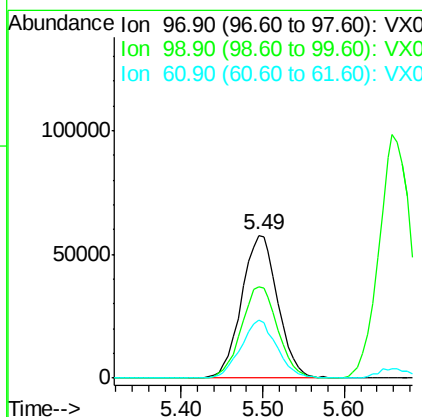
Manual Integrations
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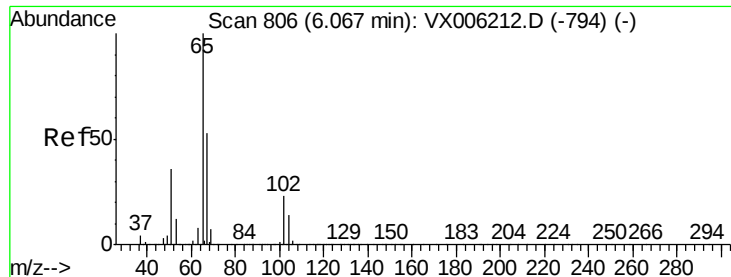
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#32
1,1,1-Trichloroethane
Concen: 21.516 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.6	77.4
61	39.5	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 55.487 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 65 Resp: 292743

Ion Ratio Lower Upper

65 100

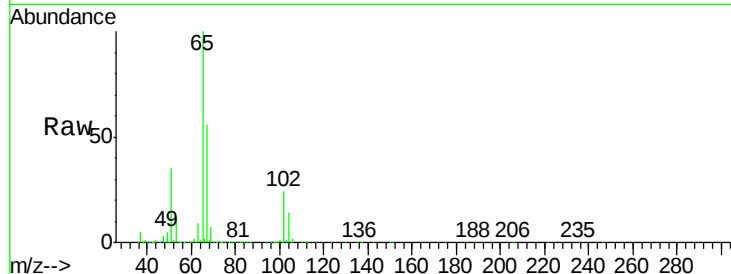
67 53.5 0.0 107.2

Manual Integrations

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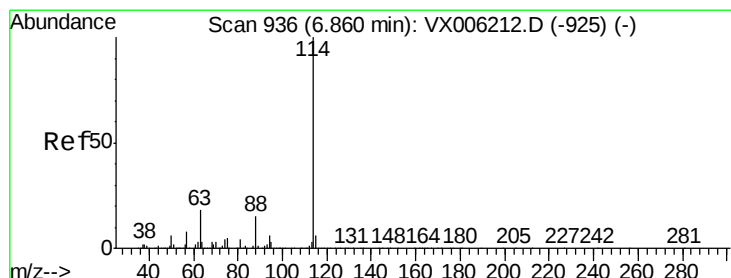
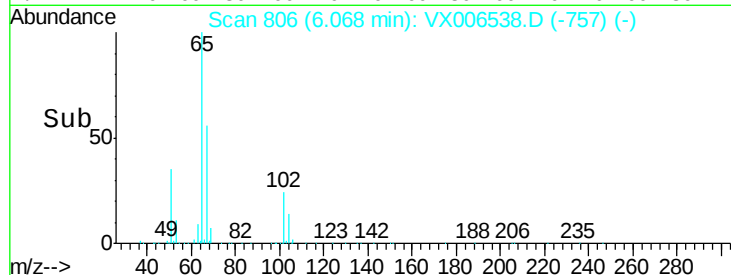
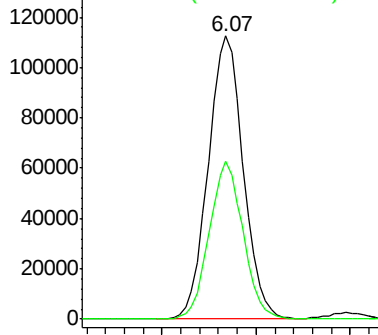
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

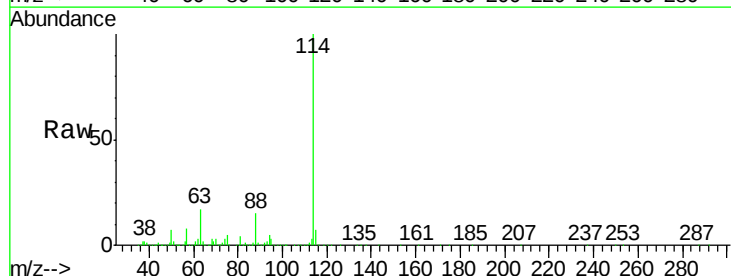
Tgt Ion: 114 Resp: 835121

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.6

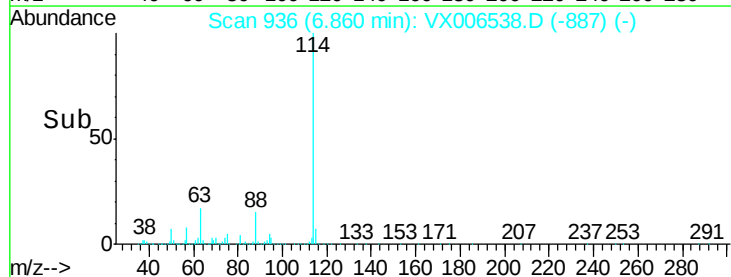
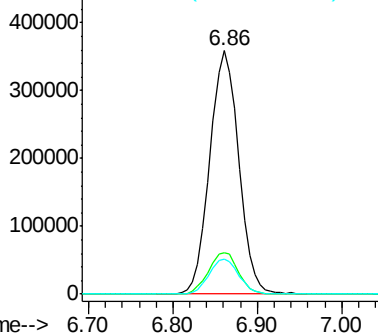
88 14.6 0.0 29.0

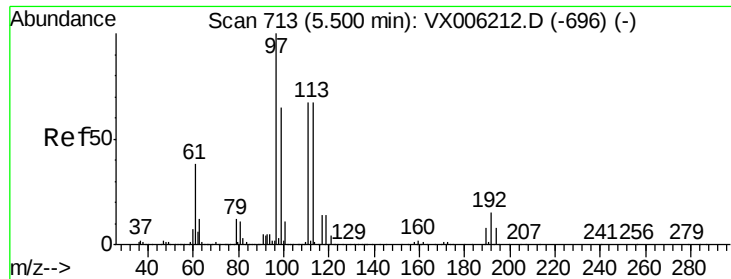


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.783 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

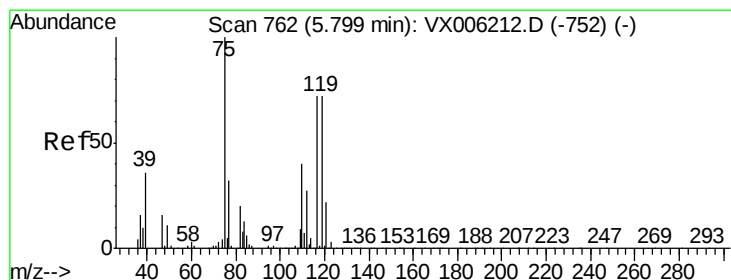
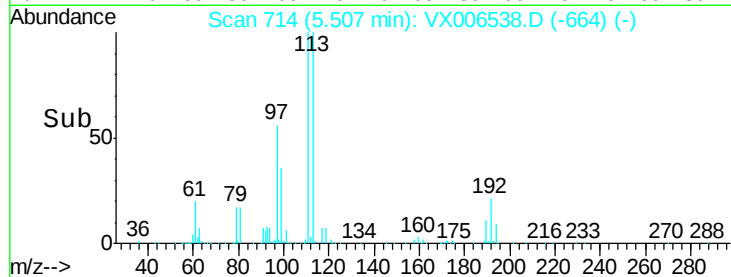
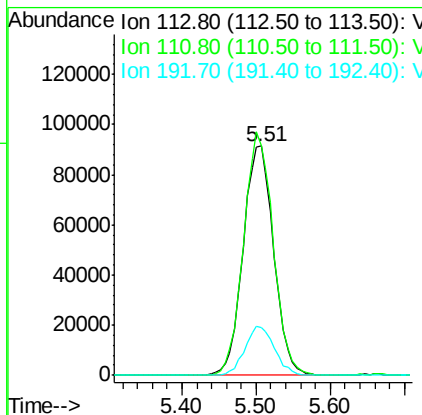
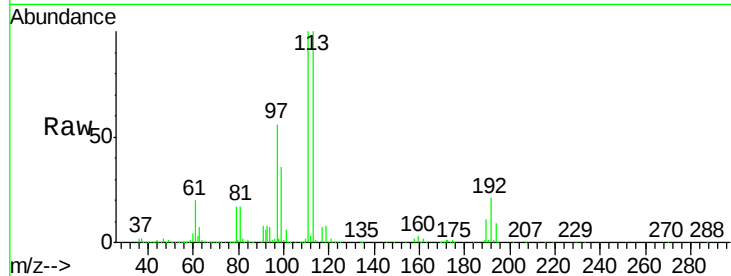
ClientSampleId :

VX1214WBS02

Tgt Ion:	113	Resp:	263775
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.1	121.7
192	20.8	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 21.905 ug/l

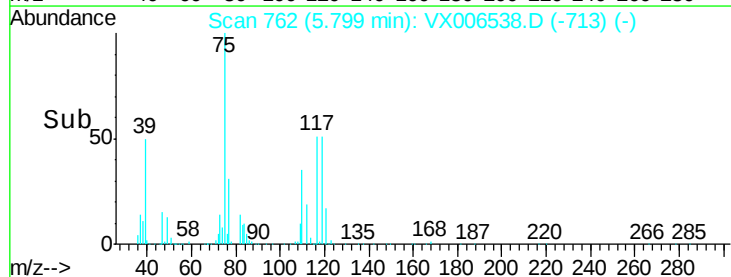
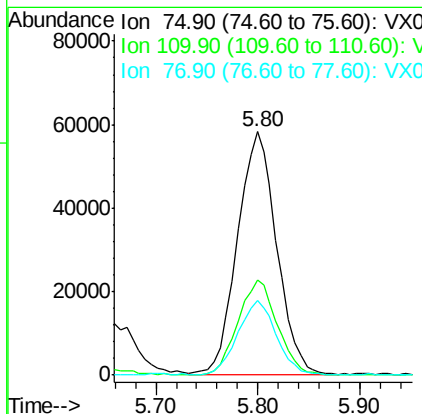
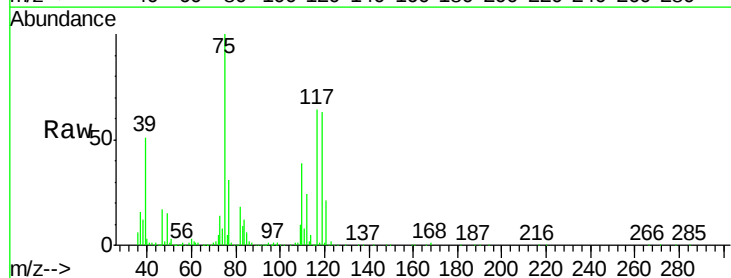
RT: 5.80 min Scan# 762

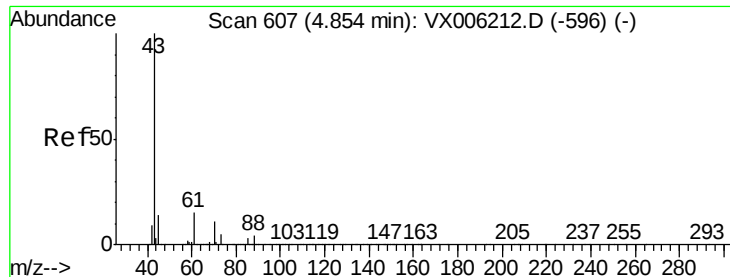
Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Tgt Ion:	75	Resp:	154049
Ion Ratio	Lower	Upper	
75	100		
110	39.7	20.4	61.3
77	30.5	24.9	37.3





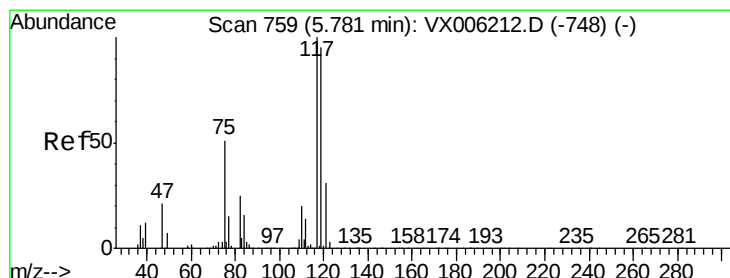
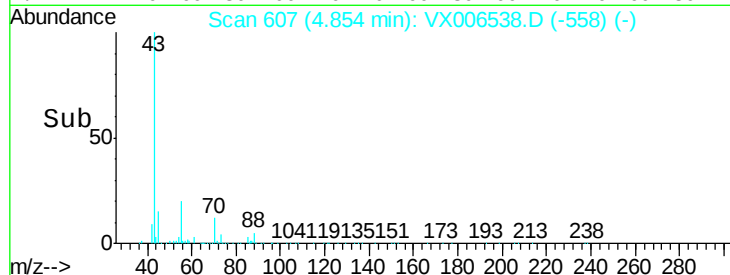
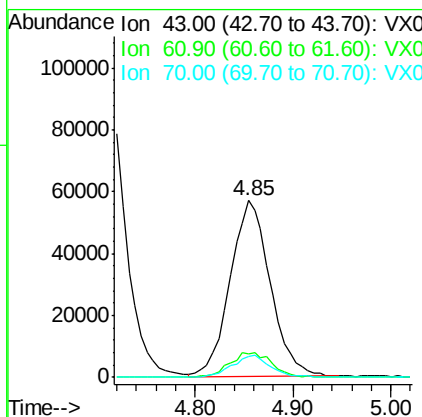
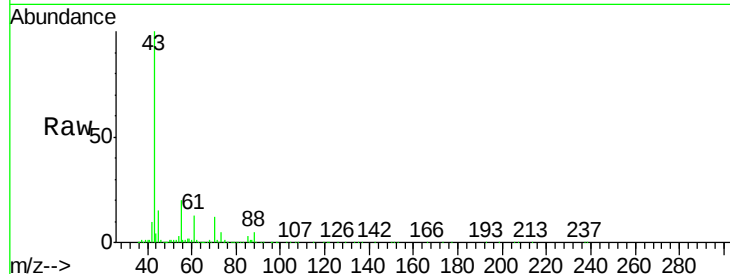
#37
Ethyl Acetate
Concen: 20.383 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion:	43	Resp:	160524
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	12.1	9.0	13.6

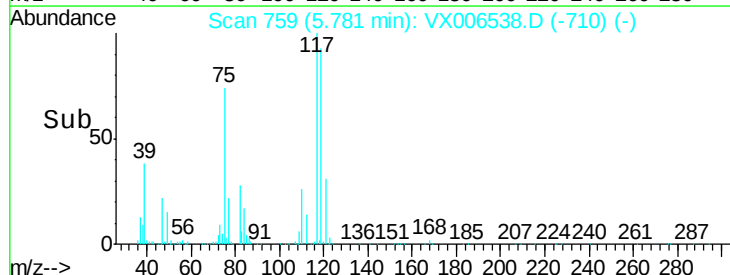
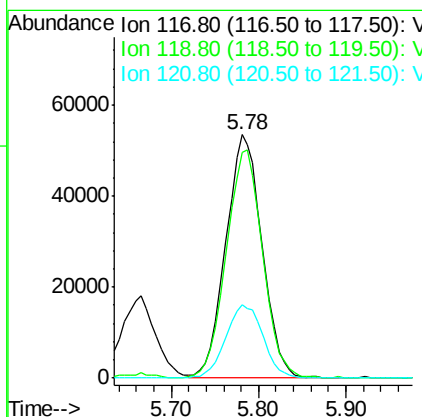
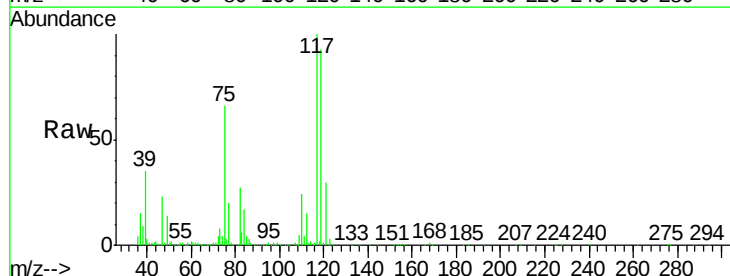
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#38
Carbon Tetrachloride
Concen: 18.501 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion:	117	Resp:	153060
Ion	Ratio	Lower	Upper
117	100		
119	92.1	75.8	113.8
121	30.3	24.6	37.0





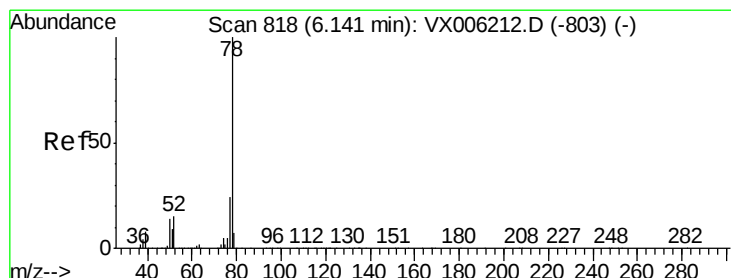
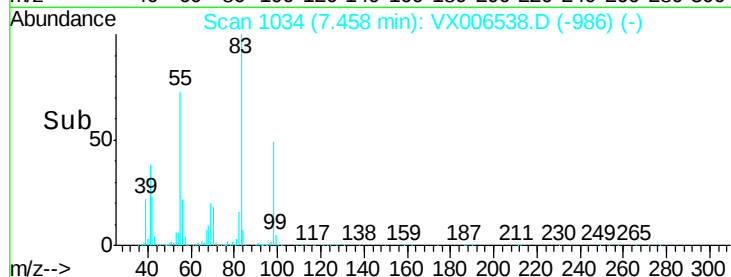
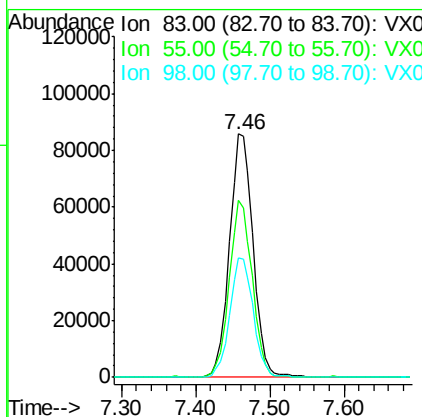
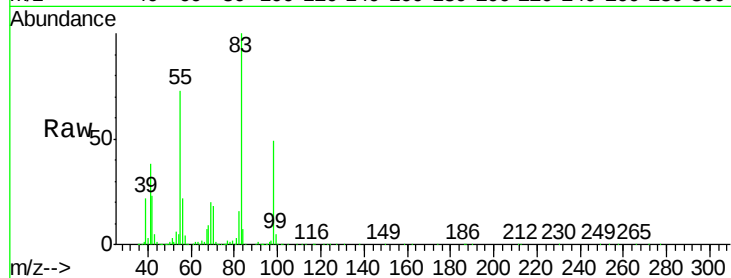
#39
Methylcyclohexane
Concen: 20.869 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	190507		
55	72.5	56.4	84.6	
98	48.8	39.0	58.6	

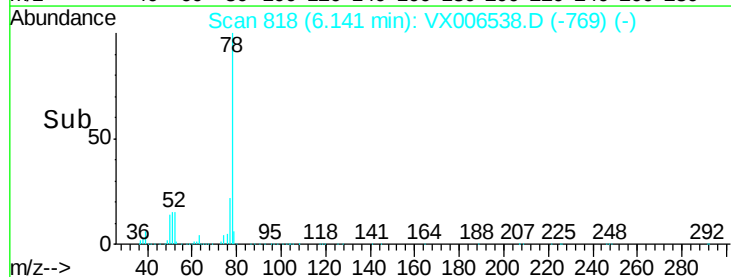
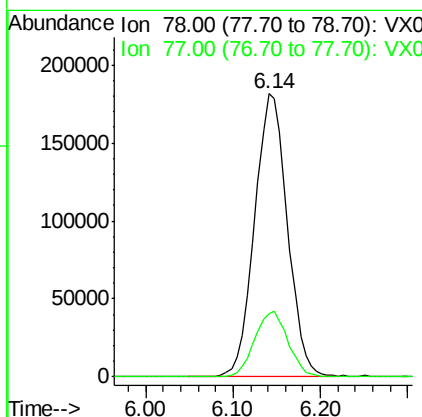
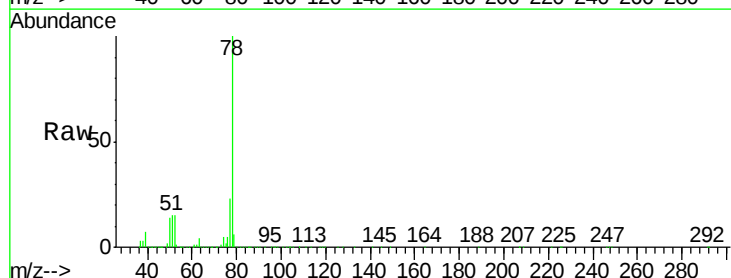
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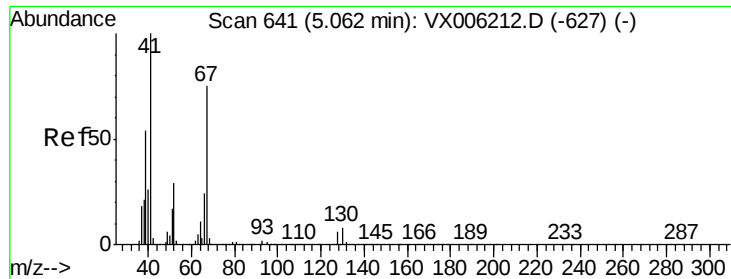
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#40
Benzene
Concen: 22.439 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	472629		
77	22.6	19.2	28.8	





#41

Methacrylonitrile

Concen: 20.816 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

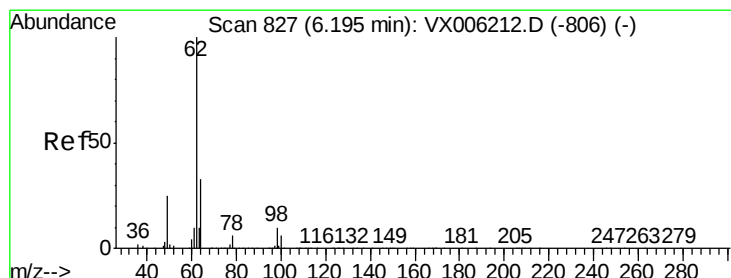
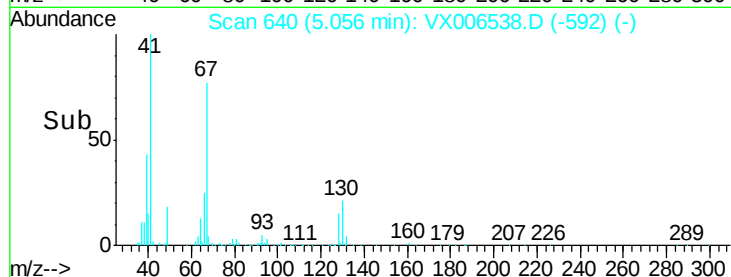
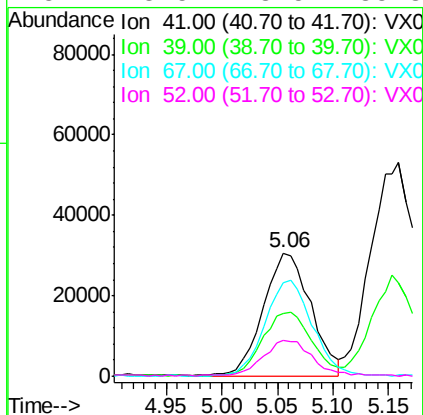
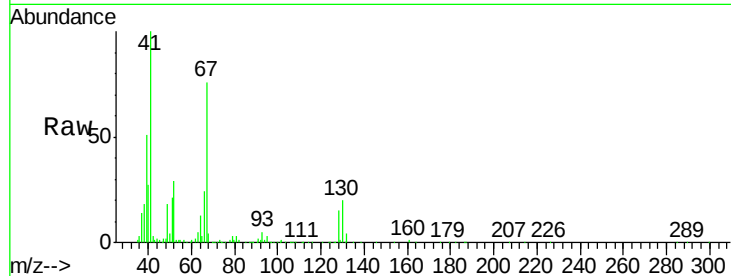
ClientSampleId :

VX1214WBS02

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.0	66.0
67	79.5	61.4	92.0
52	28.5	23.5	35.3

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 23.090 ug/l

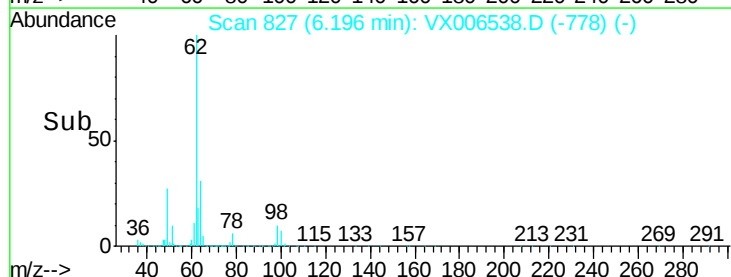
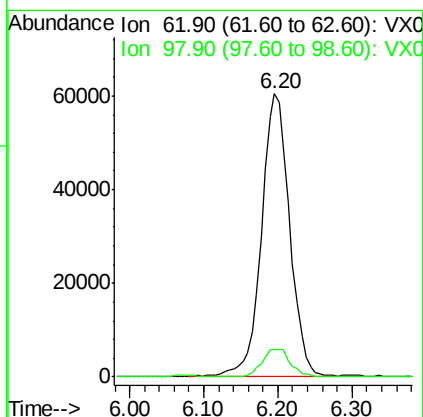
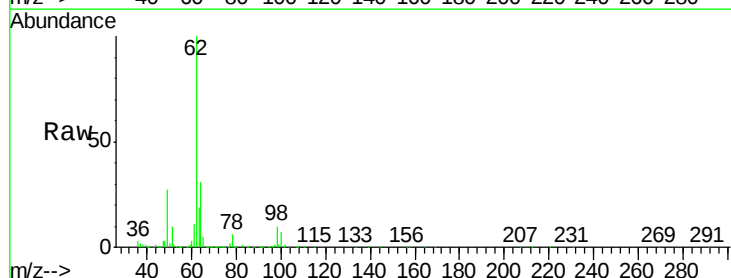
RT: 6.20 min Scan# 827

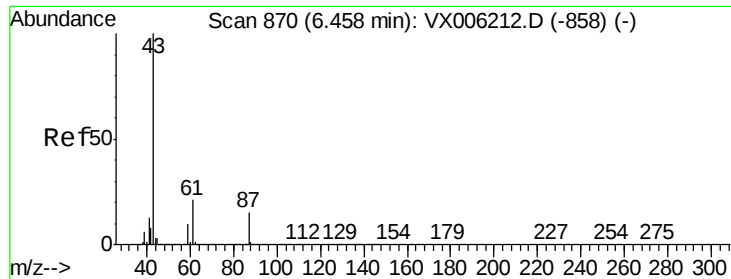
Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2





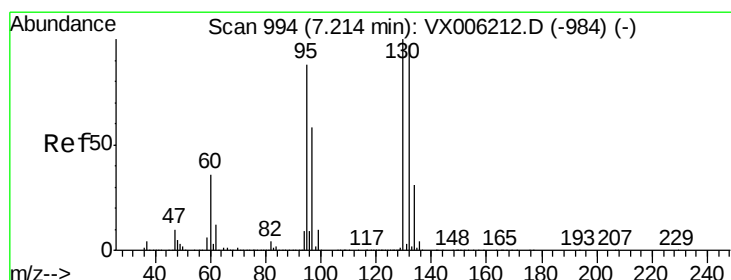
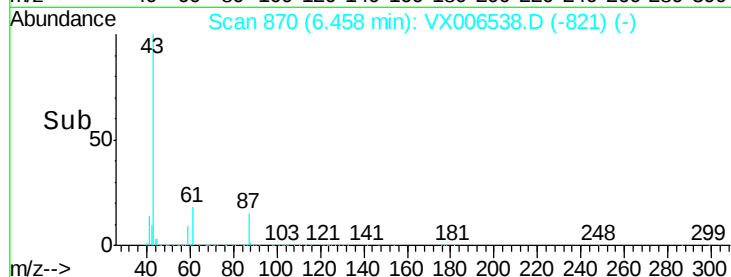
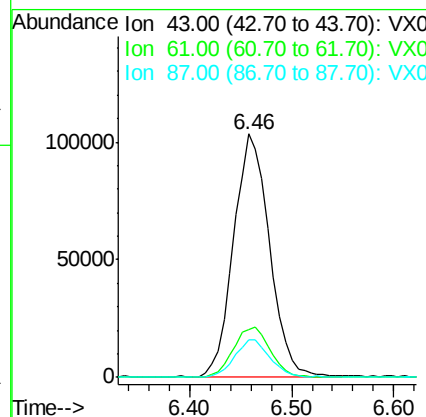
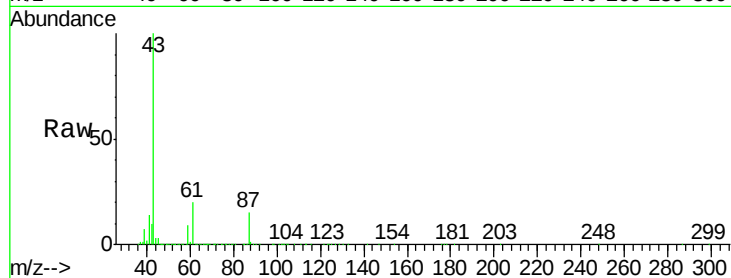
#43
Isopropyl Acetate
Concen: 19.141 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.8	25.2
87	15.3	11.9	17.9

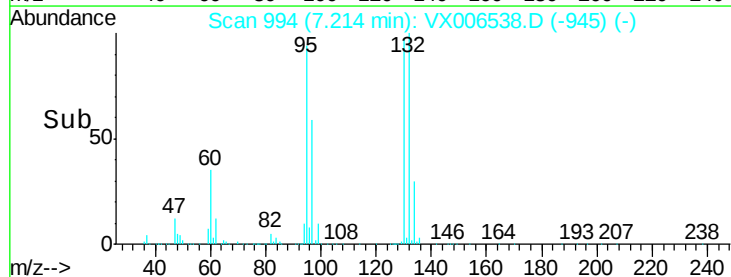
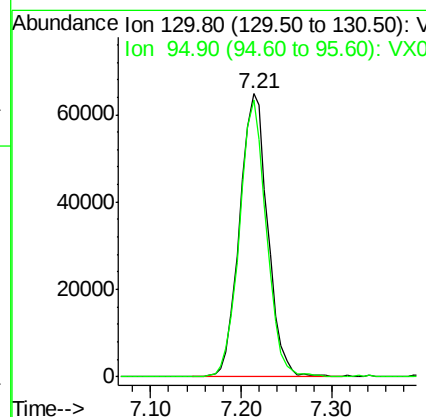
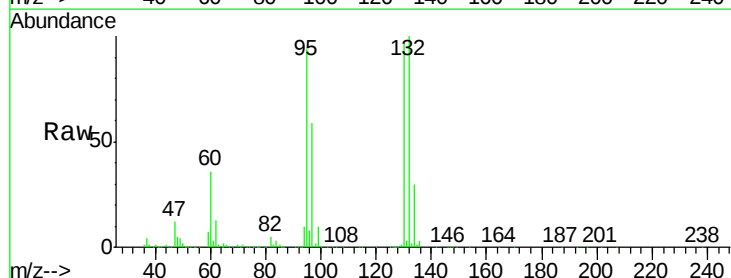
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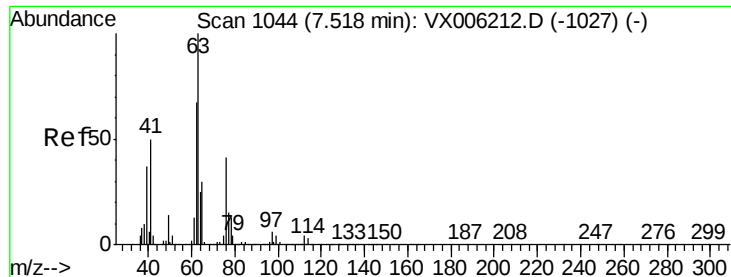
MMDadoda
12/17/2018 12:12:35 PM



#44
Trichloroethene
Concen: 21.826 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	175.8





#45

1,2-Dichloropropane

Concen: 21.639 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 63 Resp: 115842

Ion Ratio Lower Upper

63 100

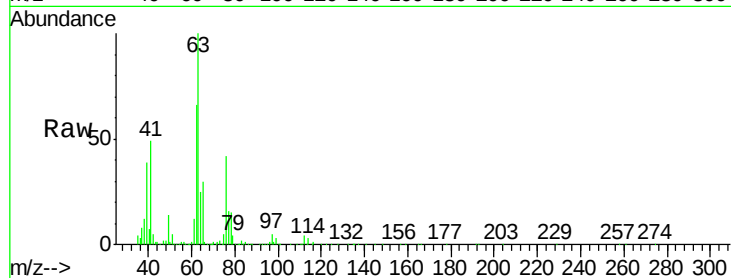
65 30.0 24.3 36.5

Manual Integrations

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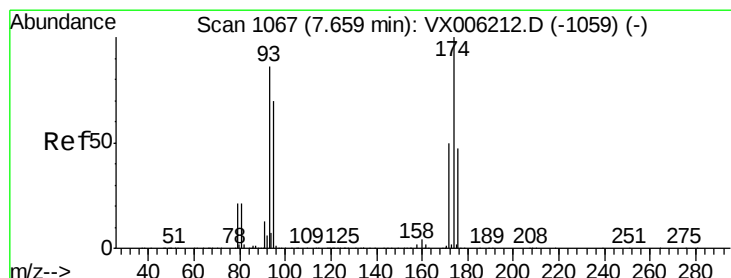
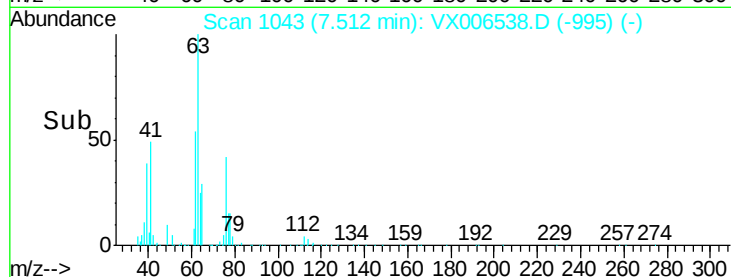
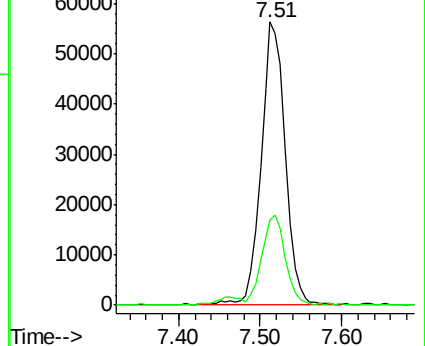
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.467 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

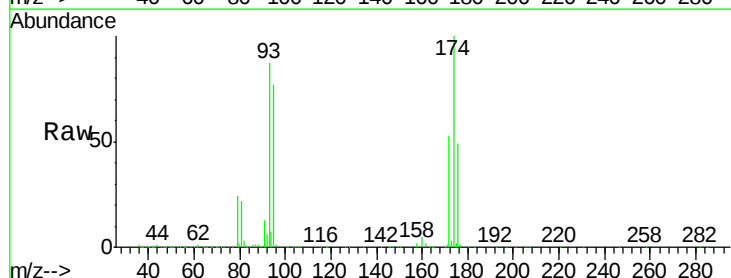
Tgt Ion: 93 Resp: 82998

Ion Ratio Lower Upper

93 100

95 84.8 66.2 99.4

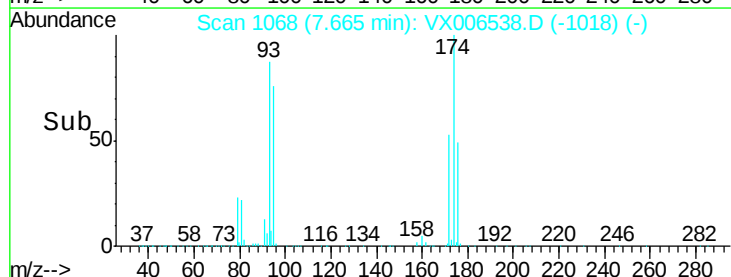
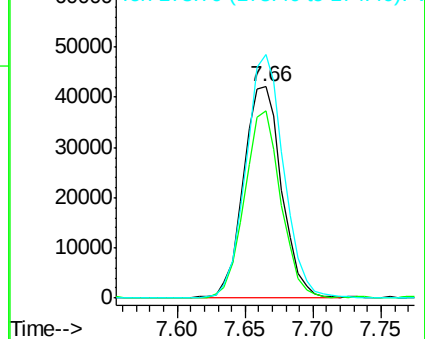
174 114.2 97.2 145.8

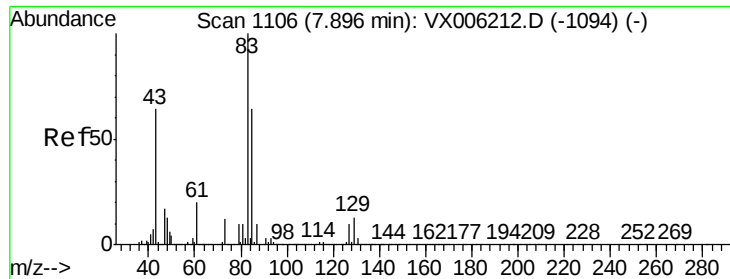


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.203 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

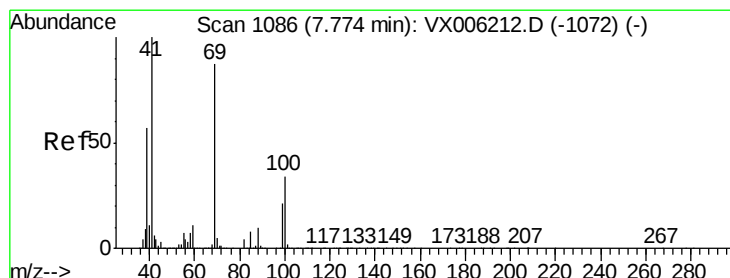
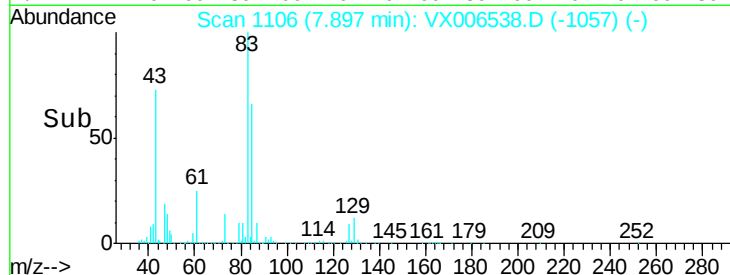
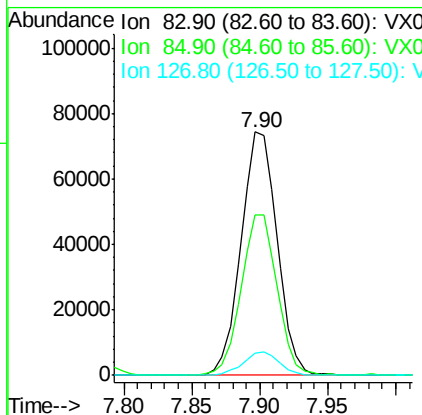
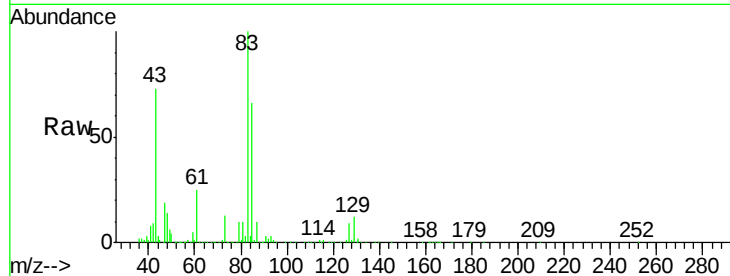
ClientSampleId :

VX1214WBS02

Tgt Ion:	83	Resp:	136291
Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.4	77.0
127	9.4	7.9	11.9

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#48

Methyl methacrylate

Concen: 20.056 ug/l

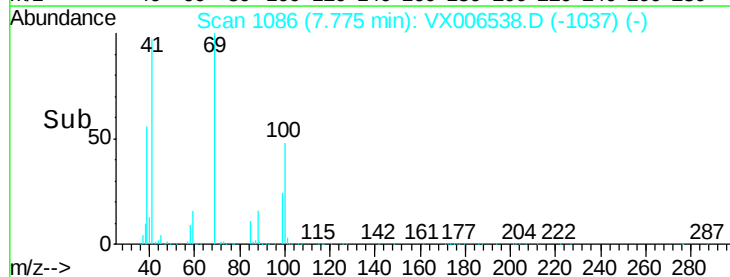
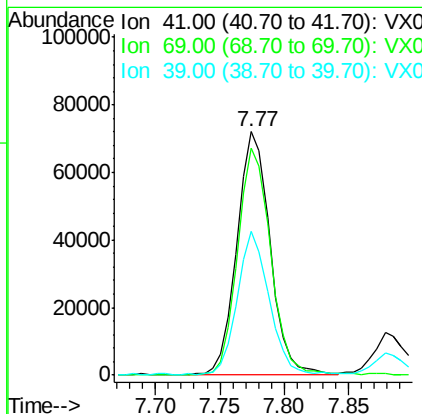
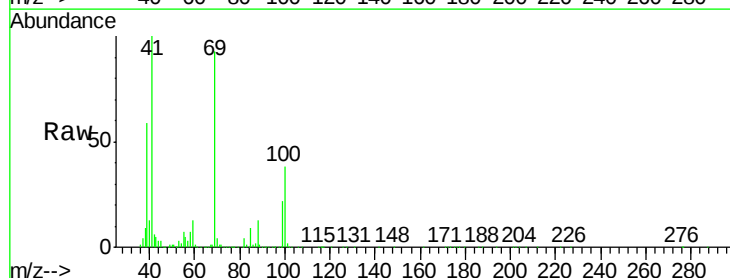
RT: 7.77 min Scan# 1086

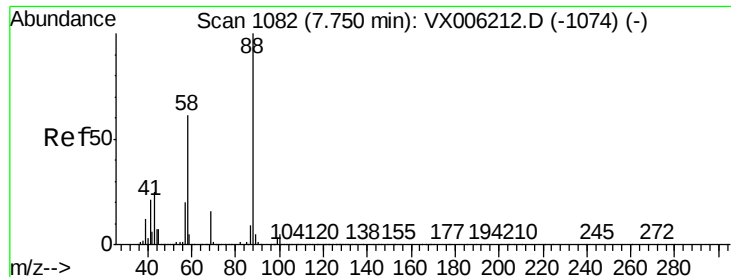
Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Tgt Ion:	41	Resp:	128115
Ion	Ratio	Lower	Upper
41	100		
69	93.7	70.3	105.5
39	55.9	45.3	67.9





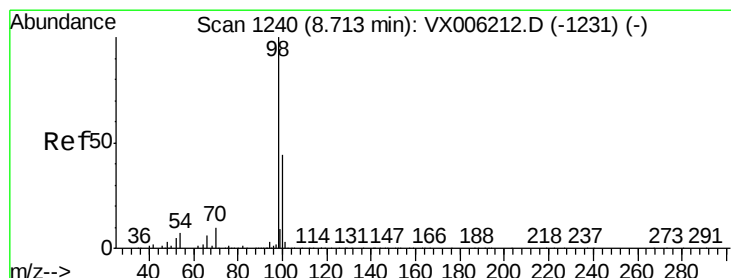
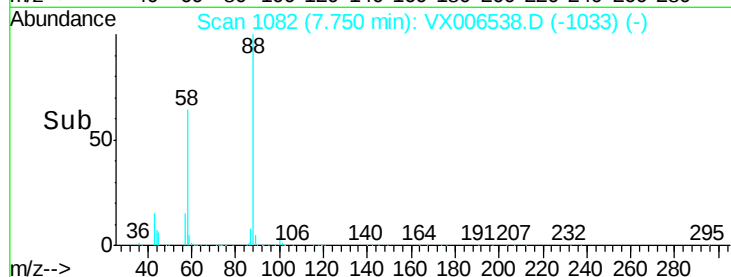
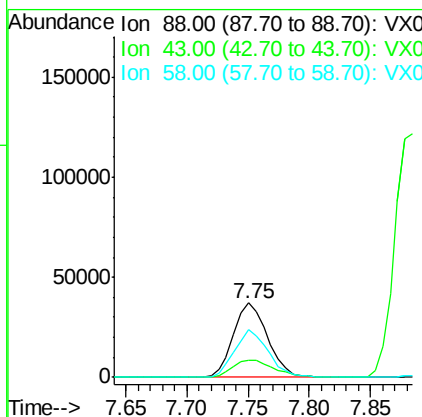
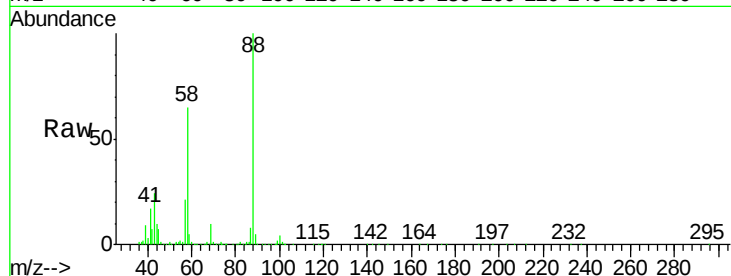
#49
1,4-Dioxane
Concen: 459.427 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.4	23.2	34.8
58	63.6	51.4	77.0

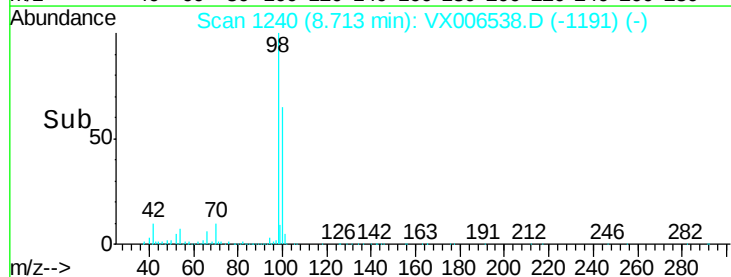
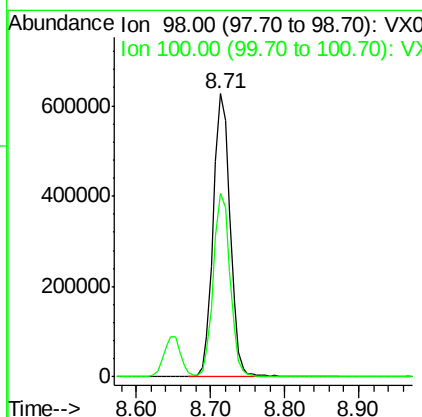
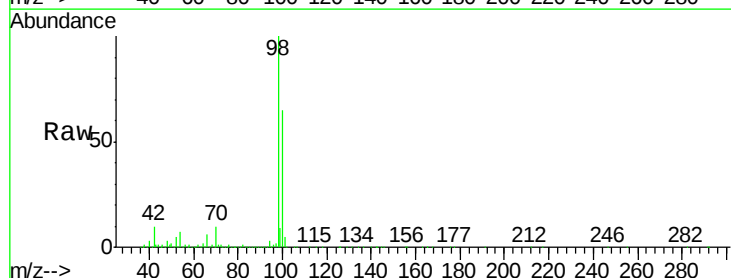
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#50
Toluene-d8
Concen: 49.673 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2





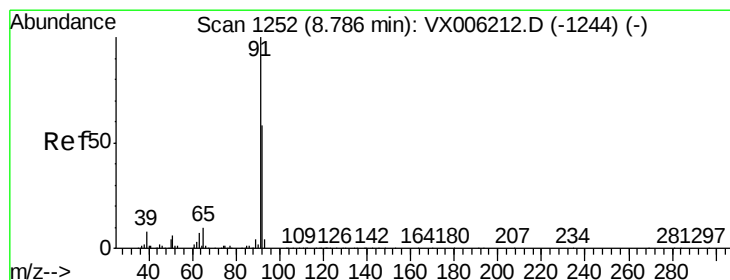
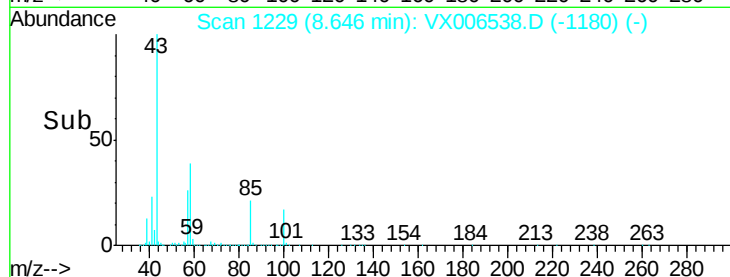
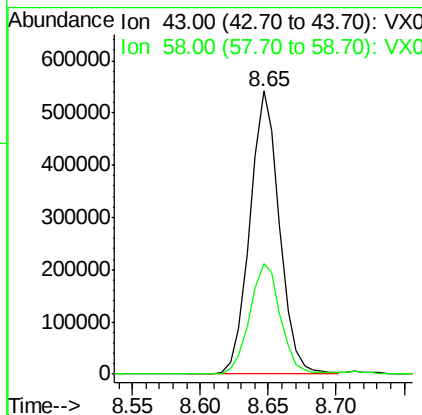
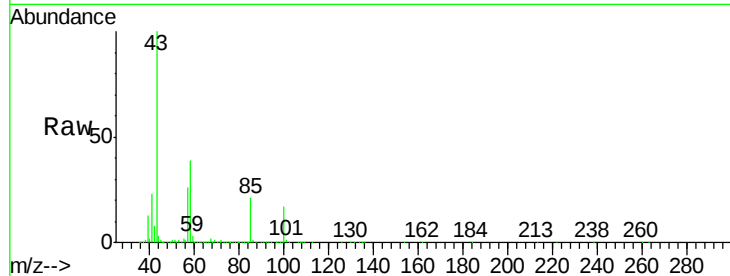
#51
4-Methyl-2-Pentanone
Concen: 107.898 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion: 43 Resp: 824780
Ion Ratio Lower Upper
43 100
58 40.5 31.3 46.9

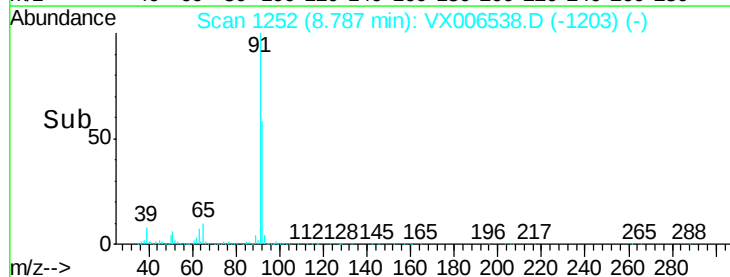
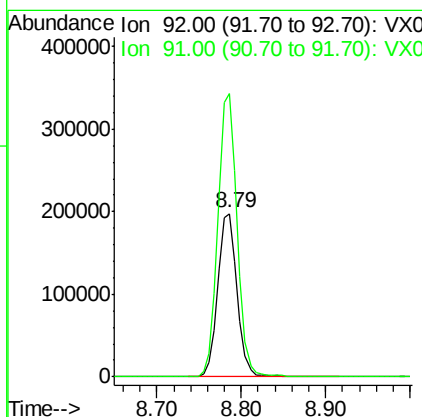
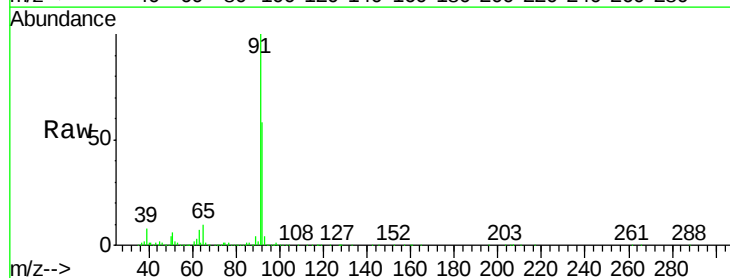
Manual Integrations
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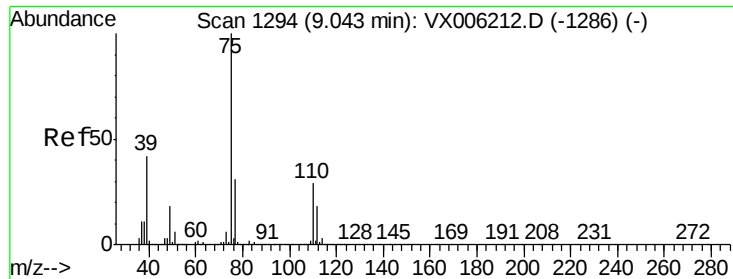
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#52
Toluene
Concen: 22.578 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion: 92 Resp: 312869
Ion Ratio Lower Upper
92 100
91 172.8 139.2 208.8





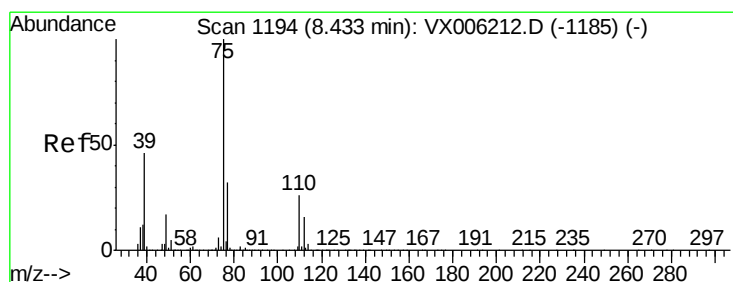
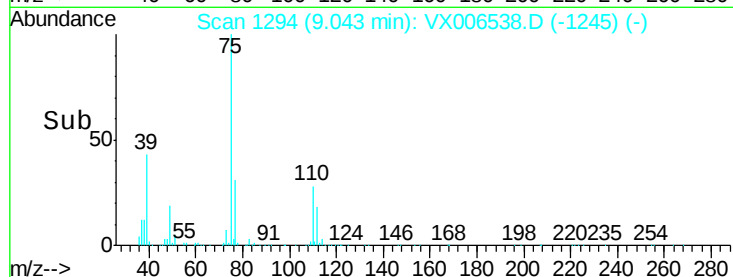
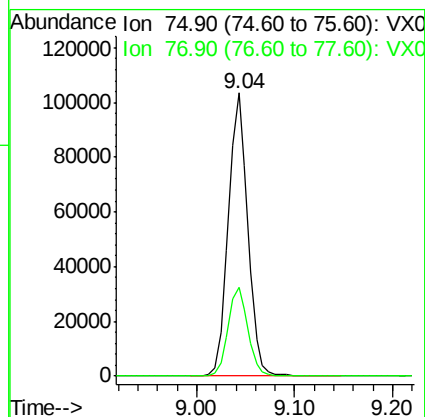
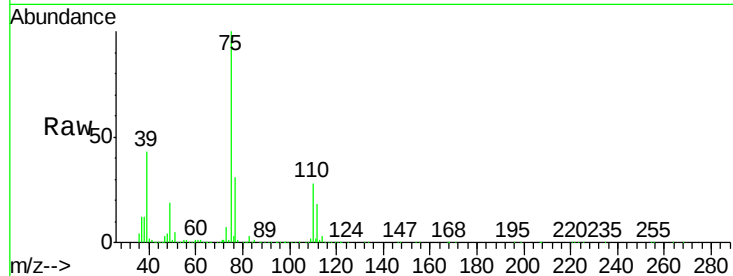
#53
t-1,3-Dichloropropene
Concen: 16.335 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion: 75 Resp: 143028
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4

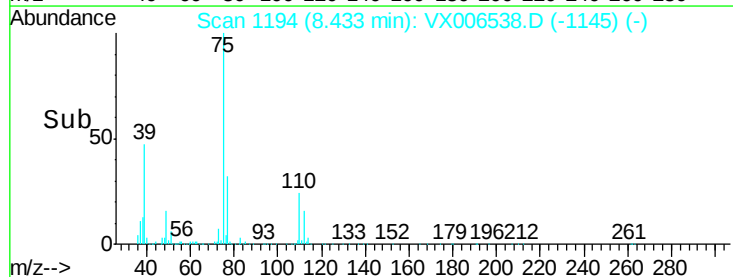
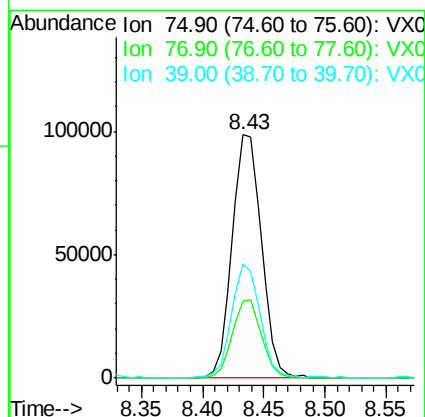
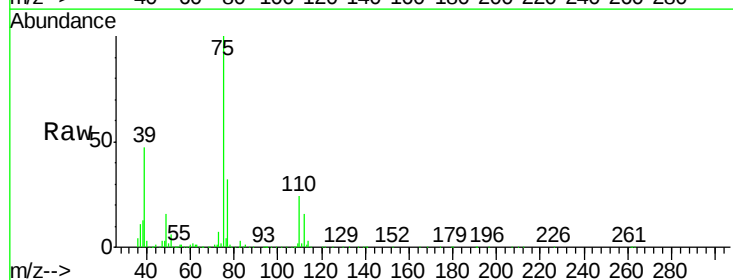
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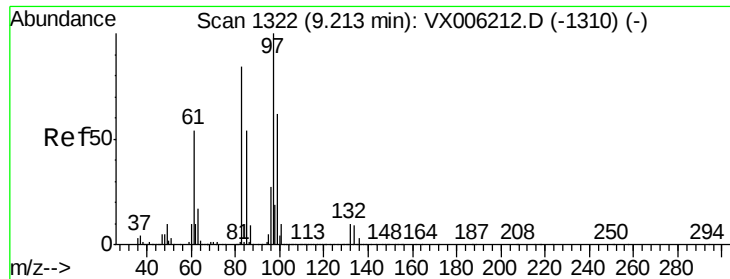
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#54
cis-1,3-Dichloropropene
Concen: 18.015 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion: 75 Resp: 163800
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4
39 46.9 36.5 54.7





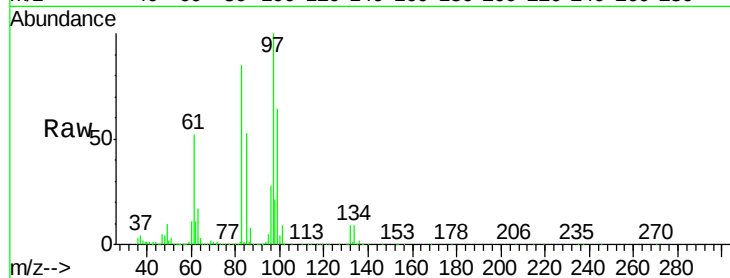
#55
 1,1,2-Trichloroethane
 Concen: 23.364 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006538.D
 Acq: 15 Dec 2018 02:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS02

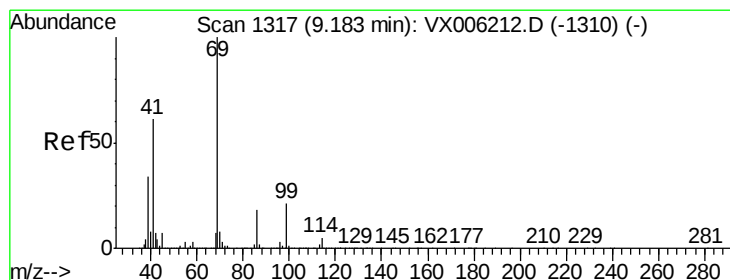
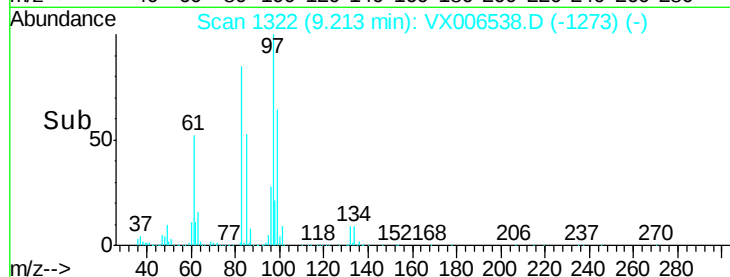
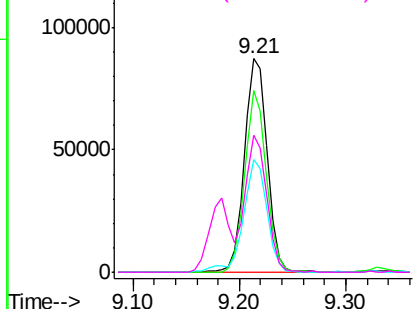
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.1	100.7
85	52.8	43.2	64.8
99	63.7	49.8	74.6

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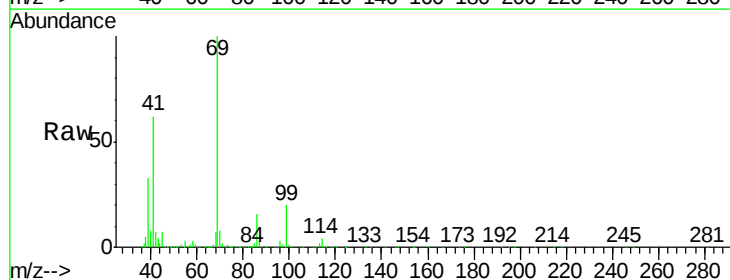


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

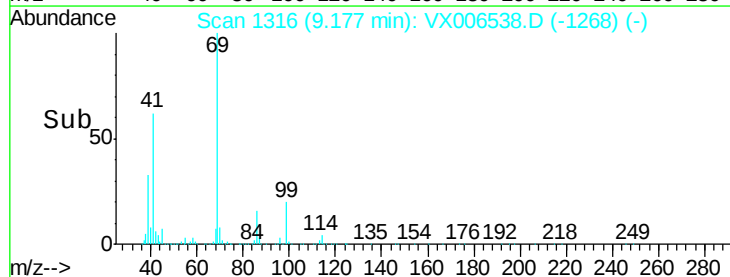
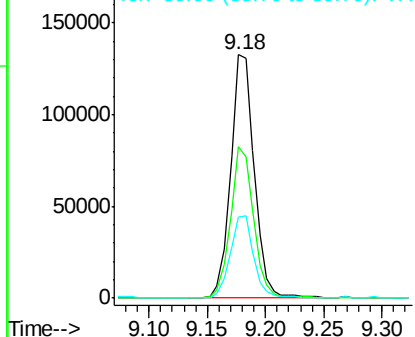


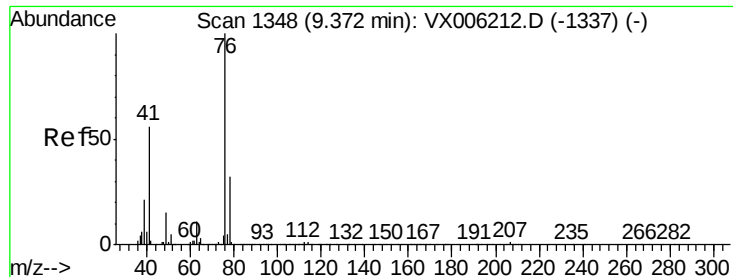
#56
 Ethyl methacrylate
 Concen: 21.276 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006538.D
 Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.0	50.6	76.0
39	33.4	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: 22.901 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 76 Resp: 203865

Ion Ratio Lower Upper

76 100

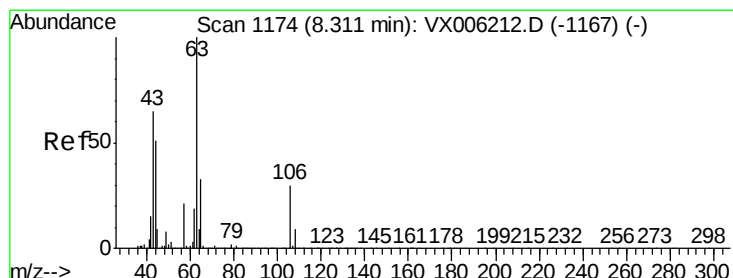
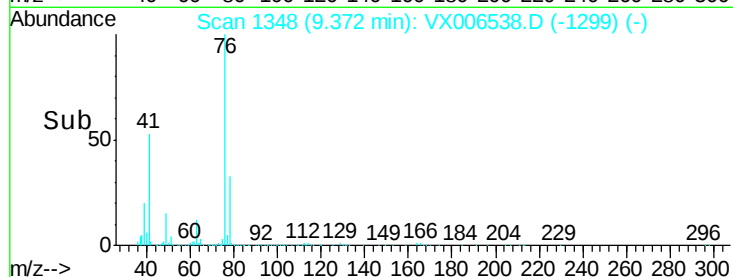
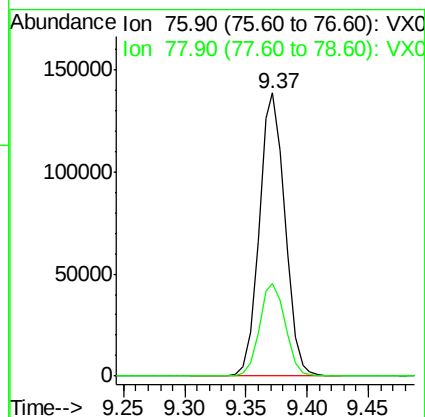
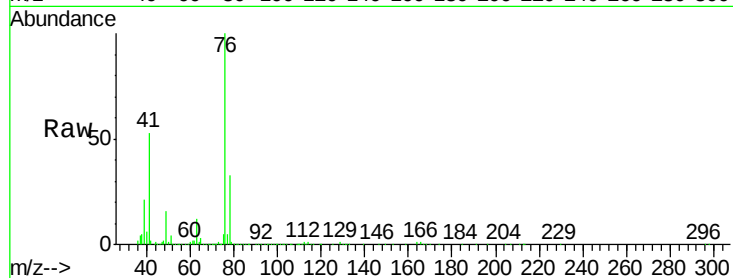
78 33.0 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 92.436 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006538.D

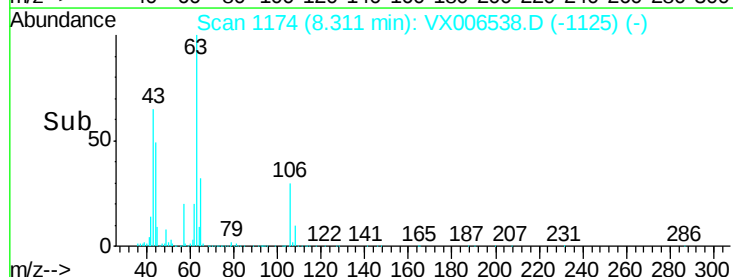
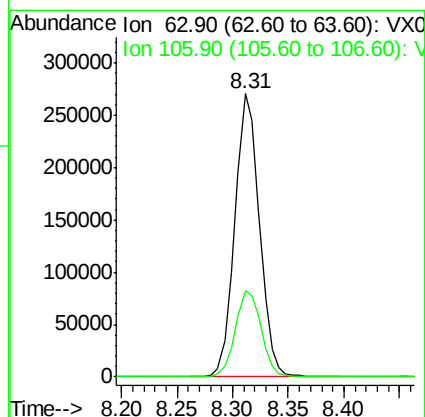
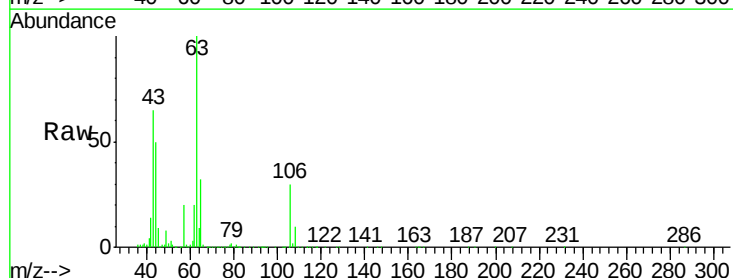
Acq: 15 Dec 2018 02:34

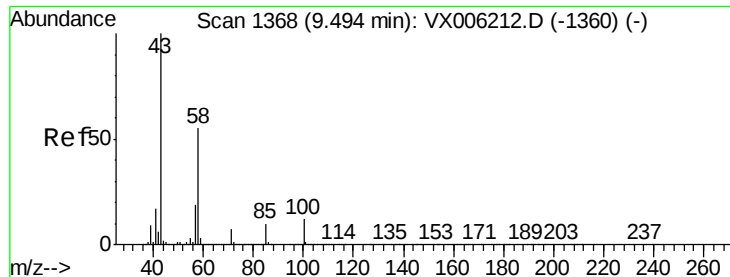
Tgt Ion: 63 Resp: 412825

Ion Ratio Lower Upper

63 100

106 32.0 24.9 37.3





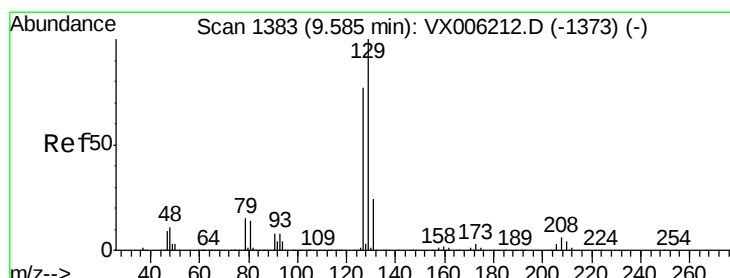
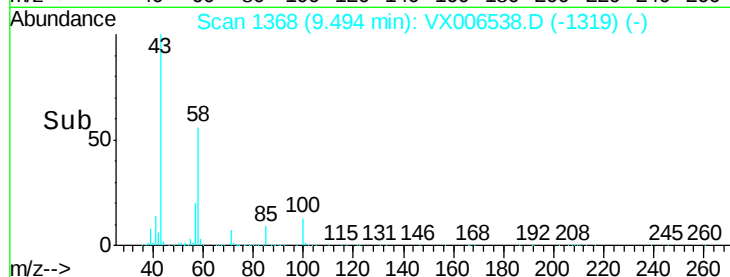
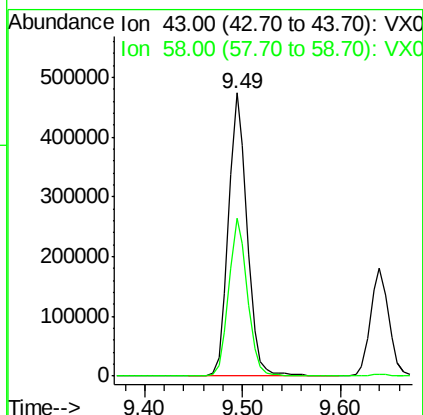
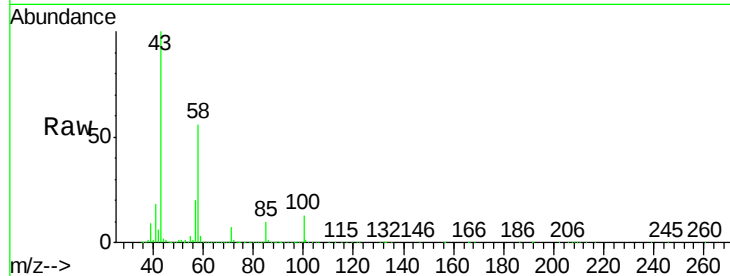
#59
2-Hexanone
Concen: 107.543 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion: 43 Resp: 628056
Ion Ratio Lower Upper
43 100
58 55.9 27.7 83.1

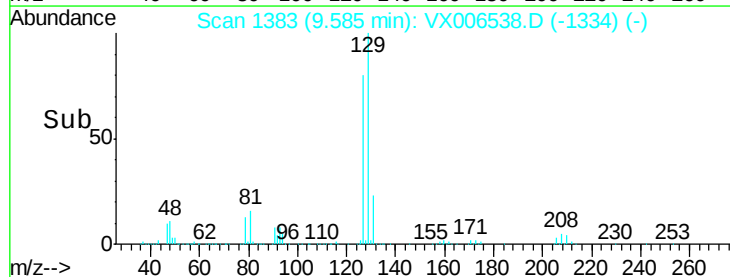
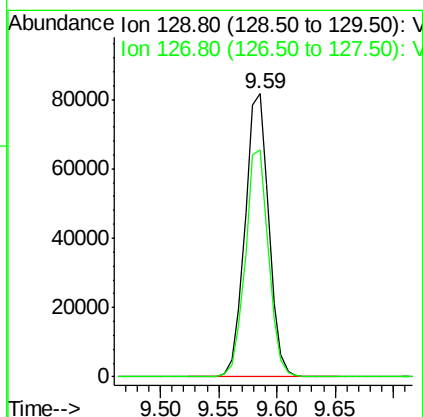
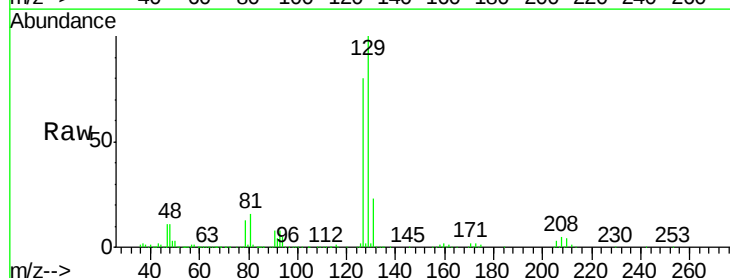
Manual Integrations
APPROVED

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#60
Dibromochloromethane
Concen: 16.825 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion: 129 Resp: 116798
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.930 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 107 Resp: 138046

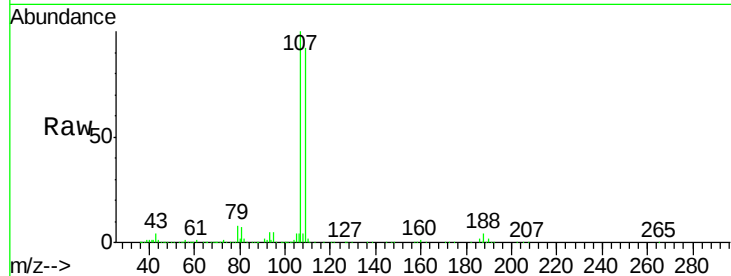
Ion Ratio Lower Upper

107 100

109 95.3 76.3 114.5

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

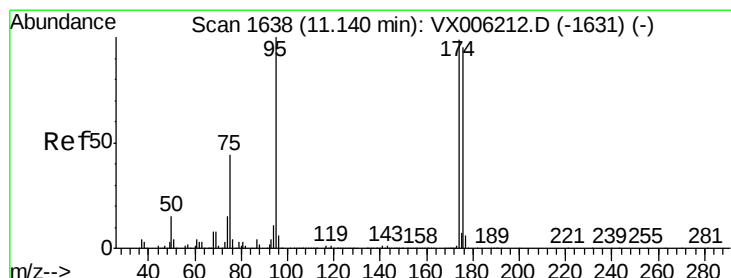
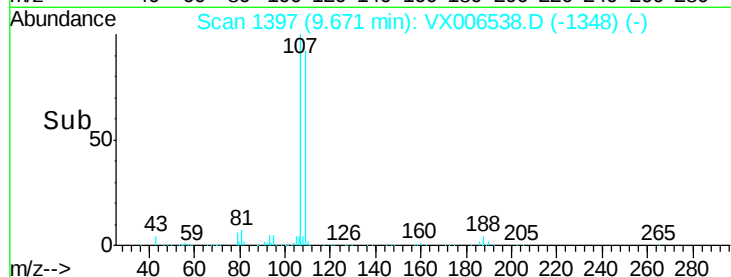
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.991 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

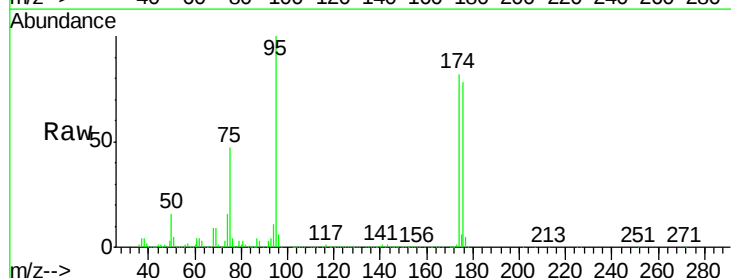
Tgt Ion: 95 Resp: 377914

Ion Ratio Lower Upper

95 100

174 88.3 0.0 187.0

176 85.6 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

400000

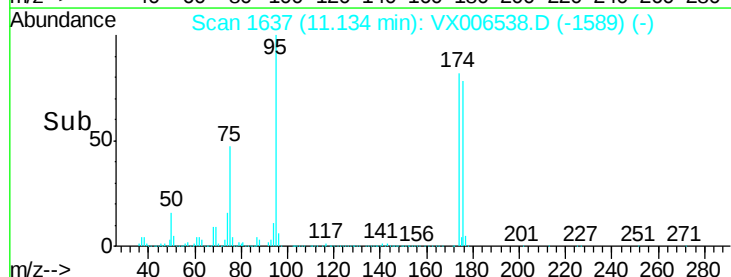
300000

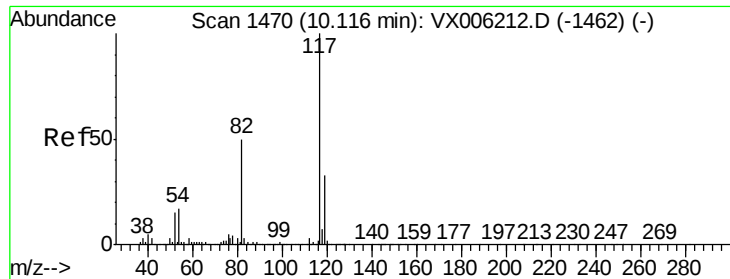
200000

100000

0

Time-->





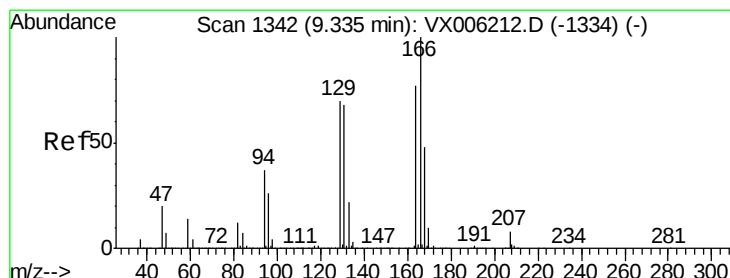
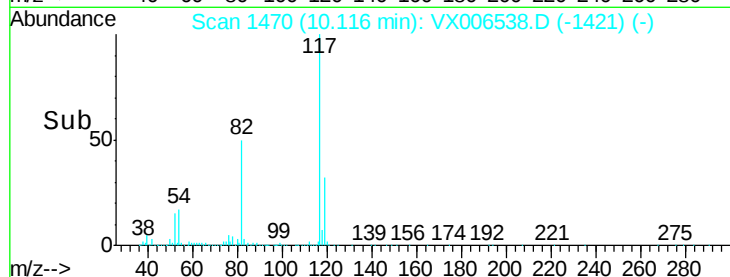
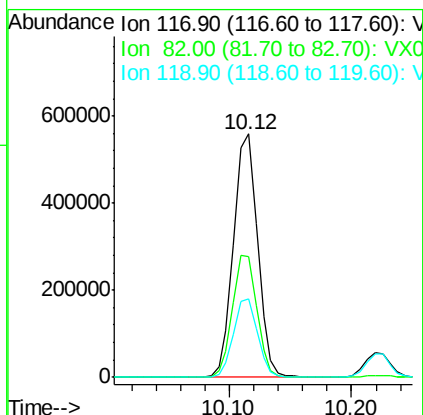
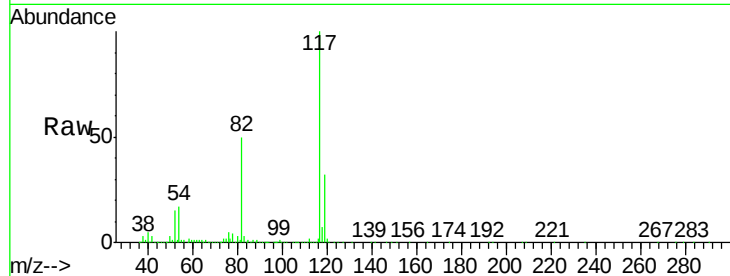
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	760232		
82	49.7	39.6	59.4	
119	32.2	26.3	39.5	

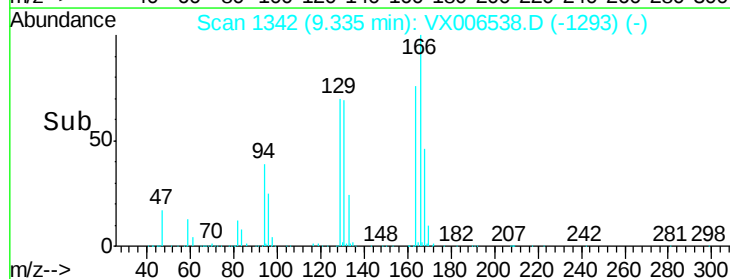
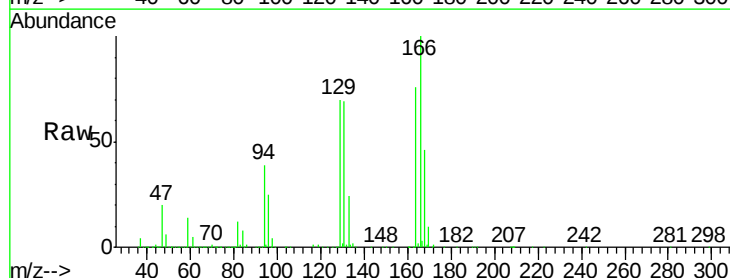
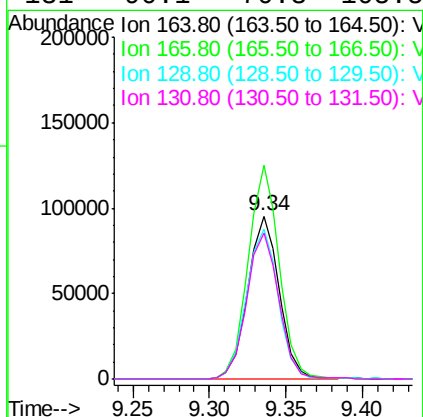
Manual Integrations
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#64
Tetrachloroethene
Concen: 23.764 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	136056		
166	131.2	104.2	156.2	
129	92.3	72.6	108.8	
131	90.1	70.3	105.5	





#65

Chlorobenzene

Concen: 22.840 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion:112 Resp: 368589

Ion Ratio Lower Upper

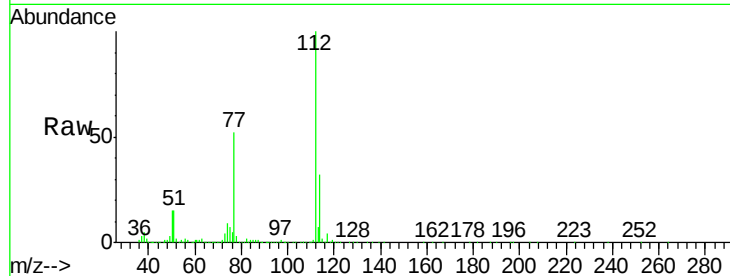
112 100

114 32.3 25.4 38.2

Manual Integrations
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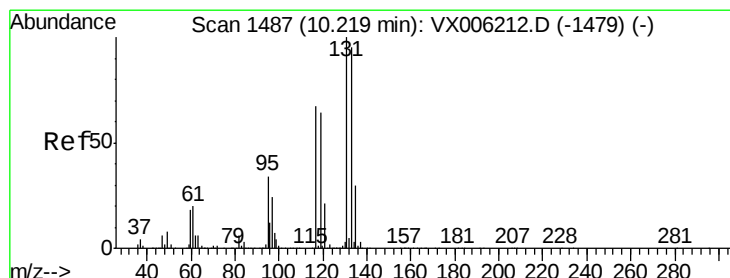
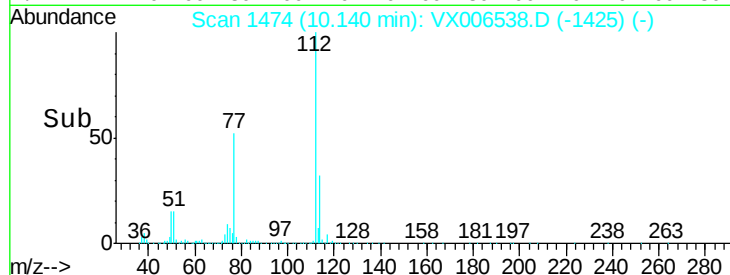
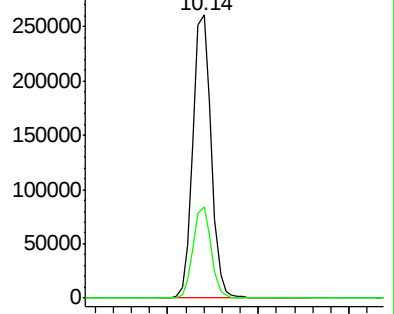
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.395 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

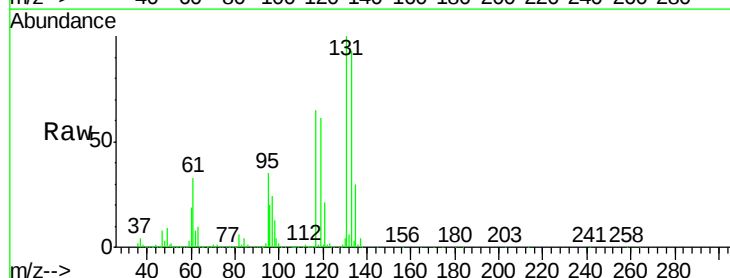
Tgt Ion:131 Resp: 121608

Ion Ratio Lower Upper

131 100

133 94.6 48.1 144.4

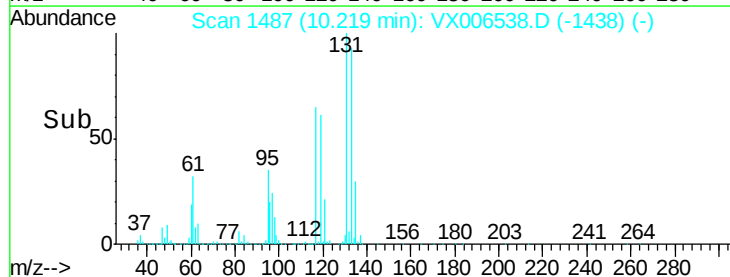
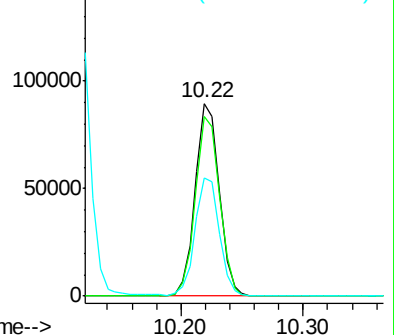
119 62.4 32.1 96.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 22.361 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 91 Resp: 600192

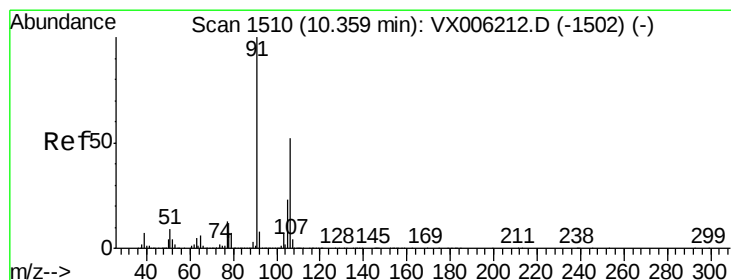
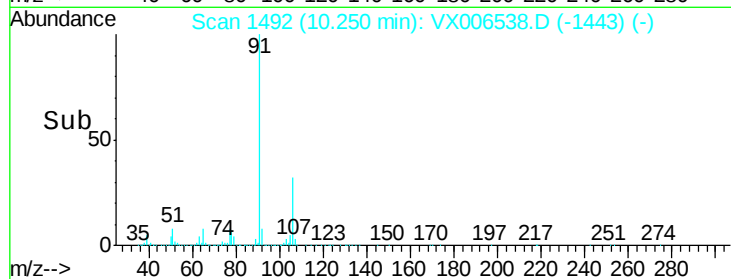
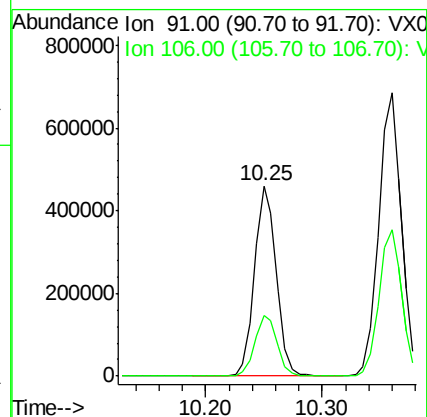
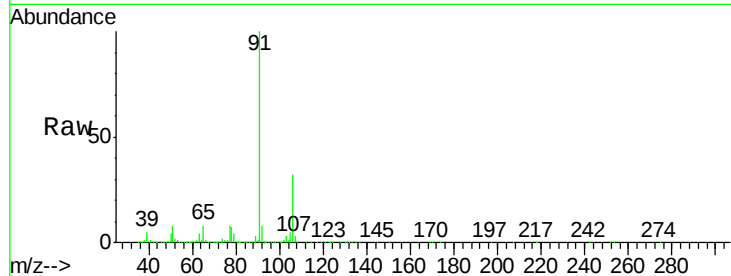
Ion Ratio Lower Upper

91 100

106 32.0 26.5 39.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 45.141 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006538.D

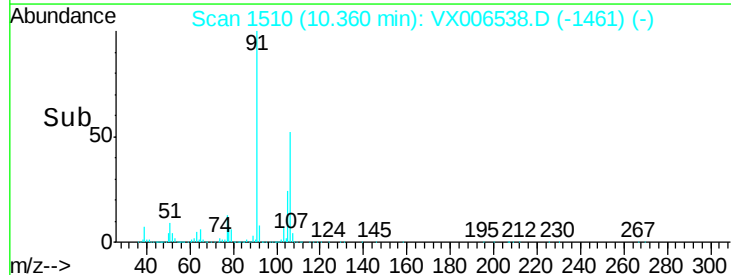
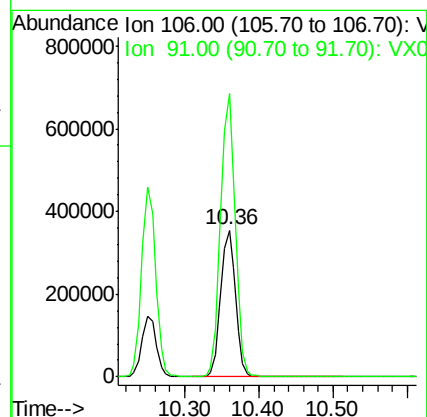
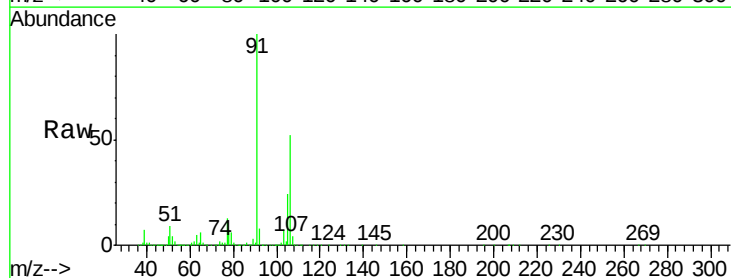
Acq: 15 Dec 2018 02:34

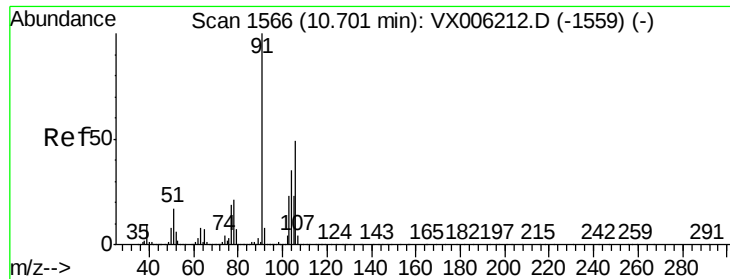
Tgt Ion: 106 Resp: 485337

Ion Ratio Lower Upper

106 100

91 191.2 155.2 232.8





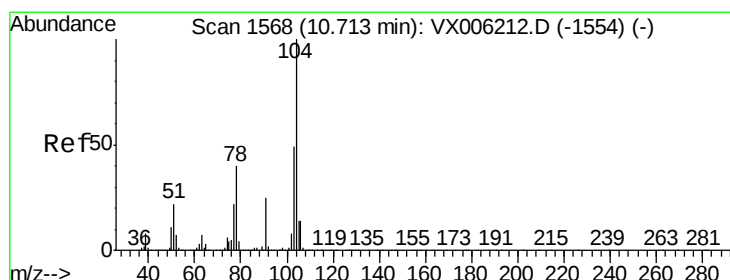
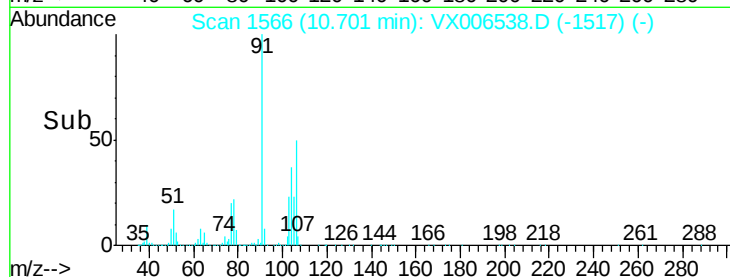
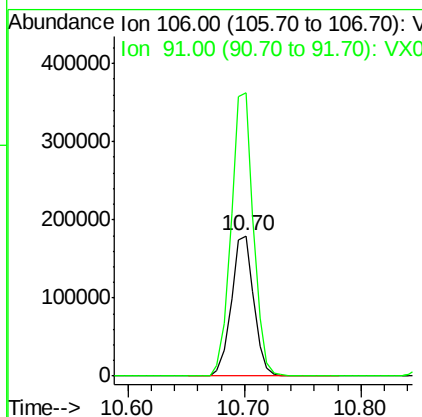
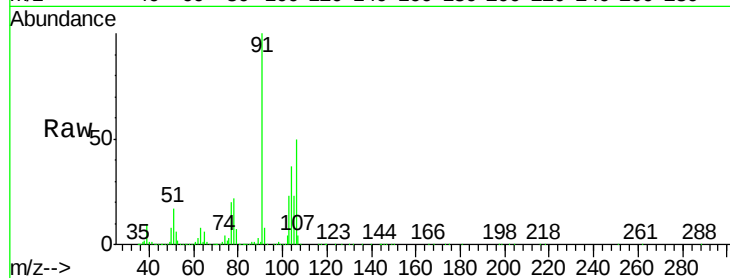
#69
o-Xylene
Concen: 22.546 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion:106 Resp: 239435
Ion Ratio Lower Upper
106 100
91 201.4 101.8 305.6

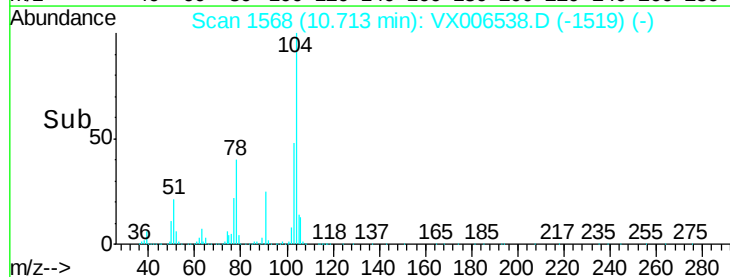
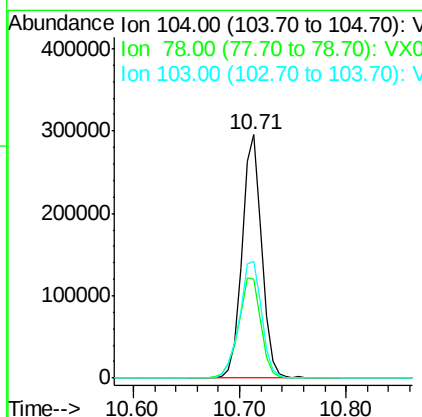
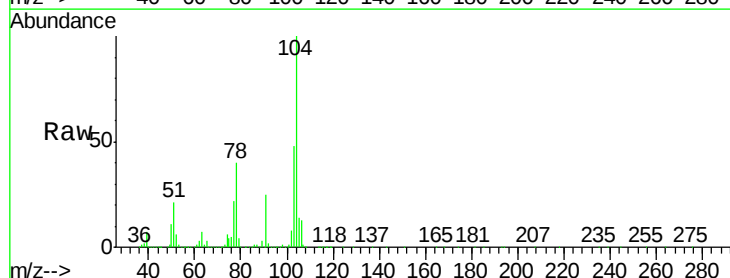
Manual Integrations
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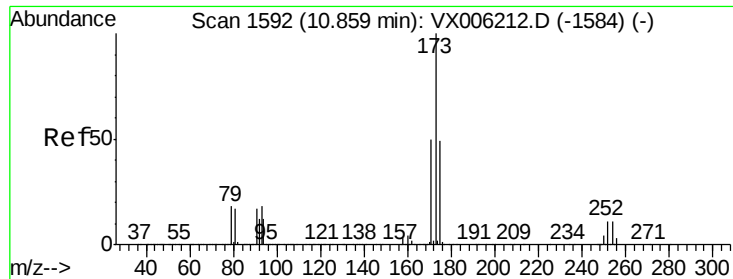
MMDadoda
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#70
Styrene
Concen: 22.316 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion:104 Resp: 383307
Ion Ratio Lower Upper
104 100
78 47.3 37.2 55.8
103 54.7 43.5 65.3





#71

Bromoform

Concen: 13.972 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006538.D

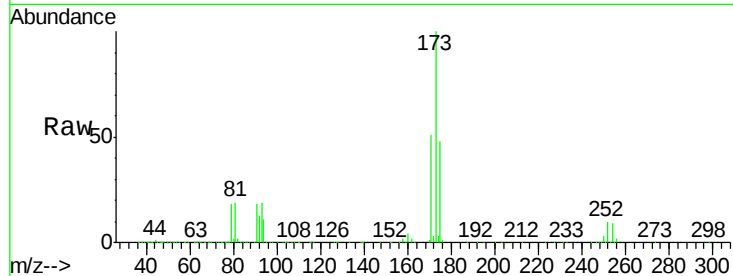
Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02



Tgt Ion:173 Resp: 82701

Ion Ratio Lower Upper

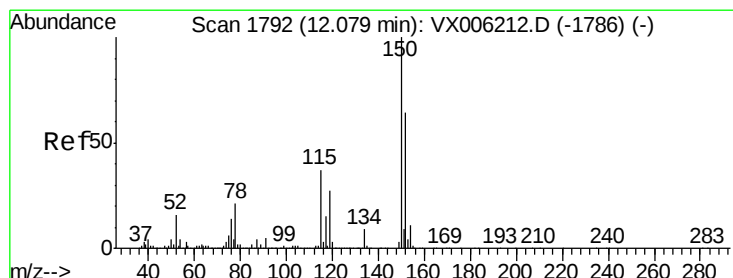
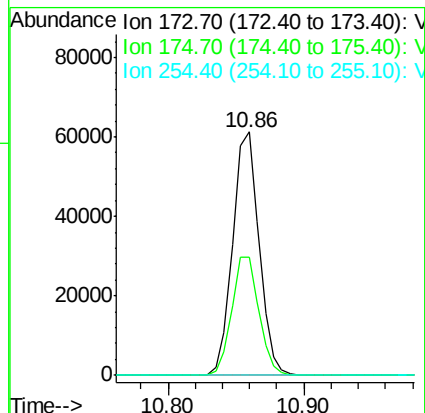
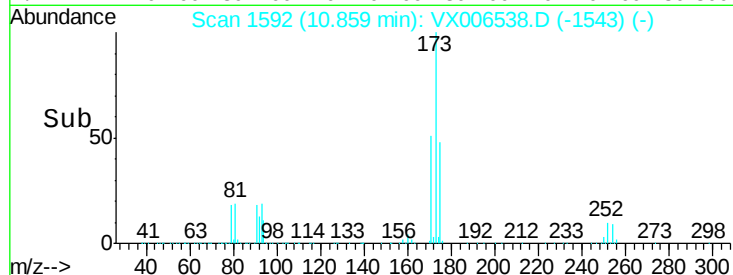
173 100

175 50.2 24.6 73.8

254 0.2 0.2 0.2#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

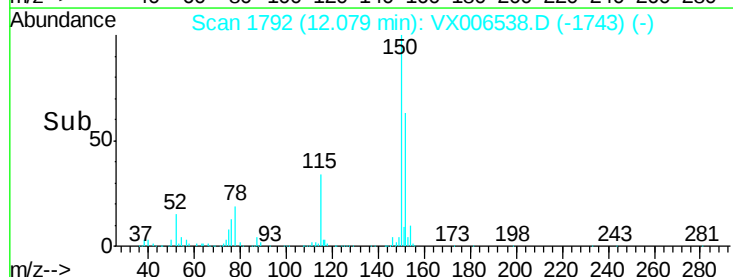
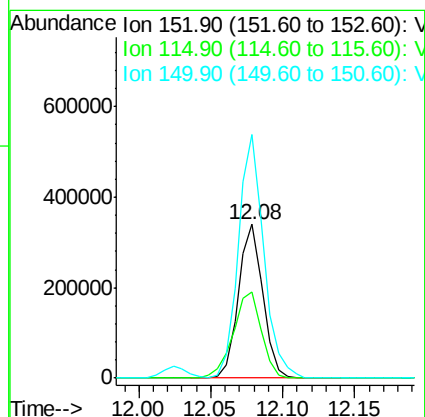
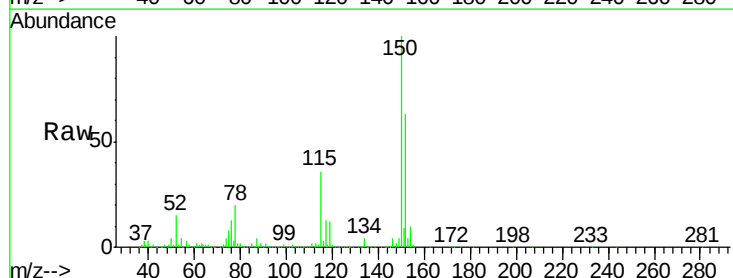
Tgt Ion:152 Resp: 401092

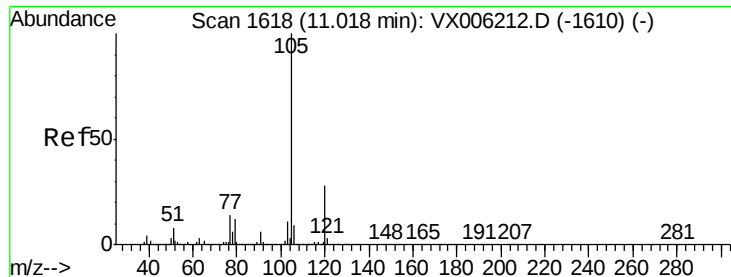
Ion Ratio Lower Upper

152 100

115 65.9 39.0 116.9

150 165.3 0.0 345.8





#73

Isopropylbenzene

Concen: 22.450 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 105 Resp: 621844

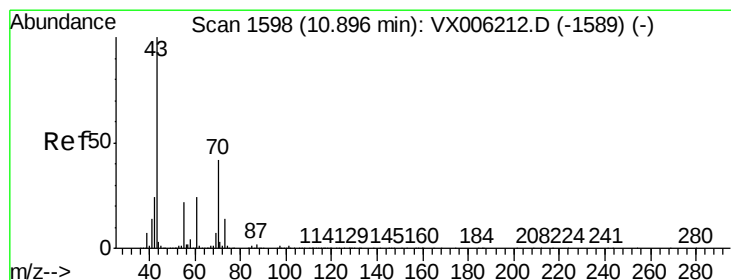
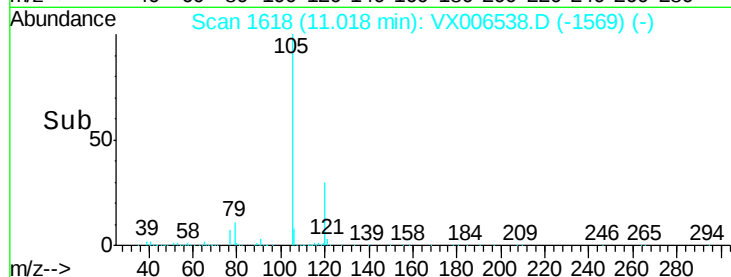
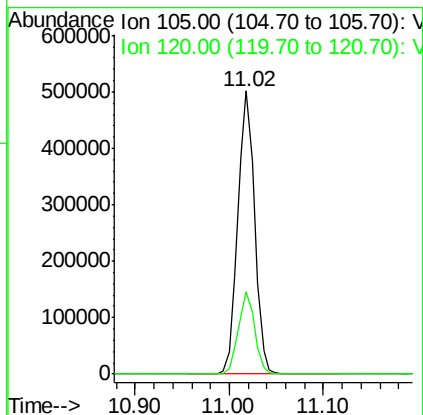
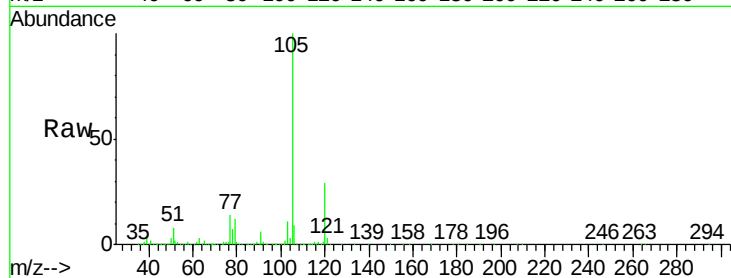
Ion Ratio Lower Upper

105 100

120 28.4 14.1 42.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.290 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Tgt Ion: 43 Resp: 230087

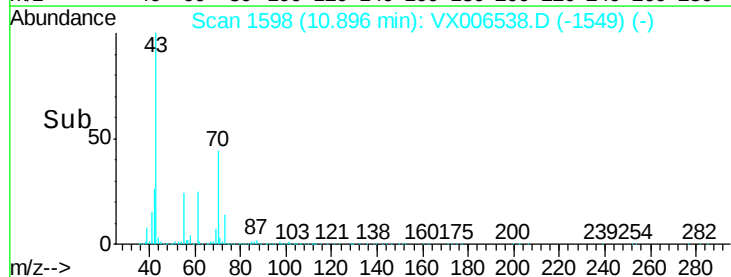
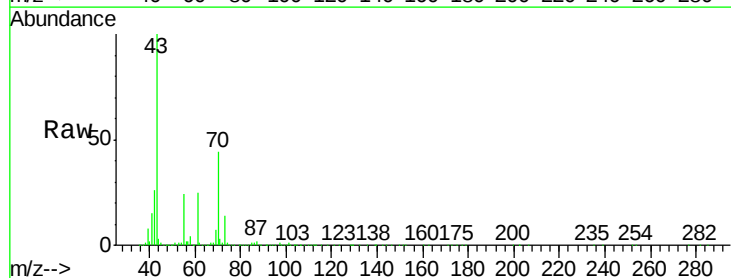
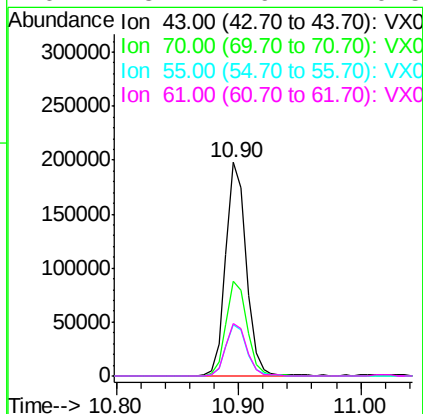
Ion Ratio Lower Upper

43 100

70 45.8 34.1 51.1

55 24.6 17.8 26.8

61 25.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.718 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS02

Tgt Ion: 83 Resp: 192458

Ion Ratio Lower Upper

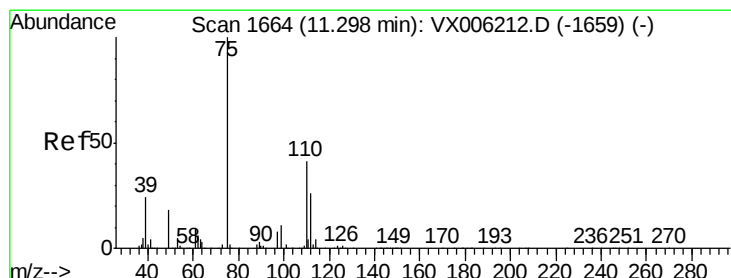
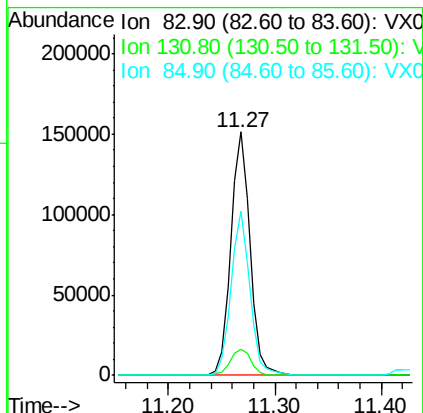
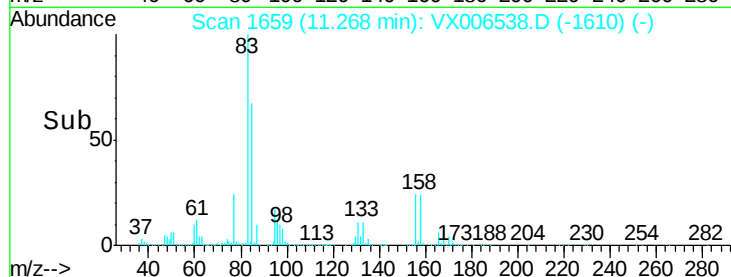
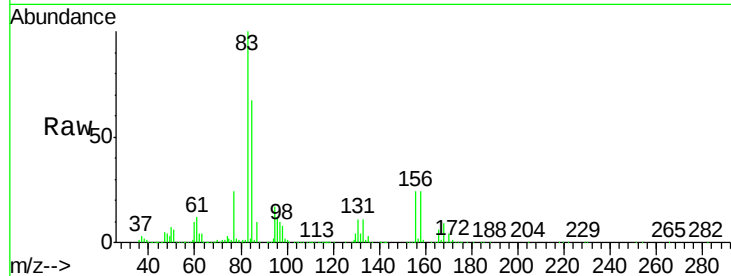
83 100

131 11.6 5.7 17.1

85 66.6 32.1 96.5

Manual Integrations
APPROVED

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12/17/2018 12:12:35 PM



#76

1,2,3-Trichloropropane

Concen: 22.811 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006538.D

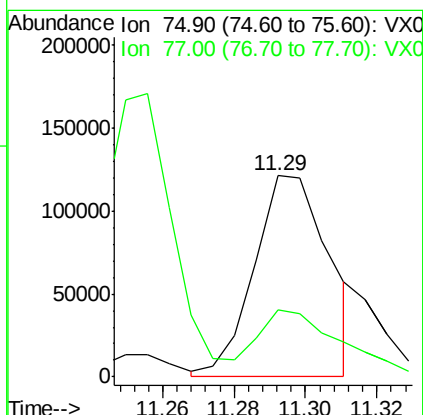
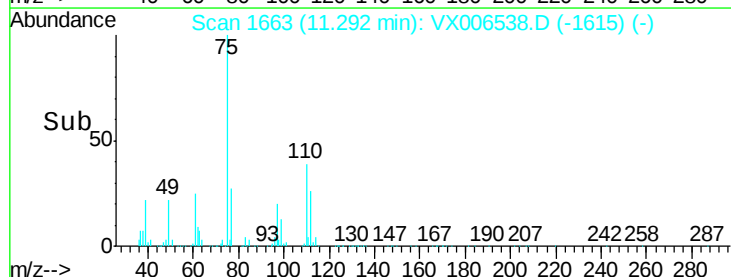
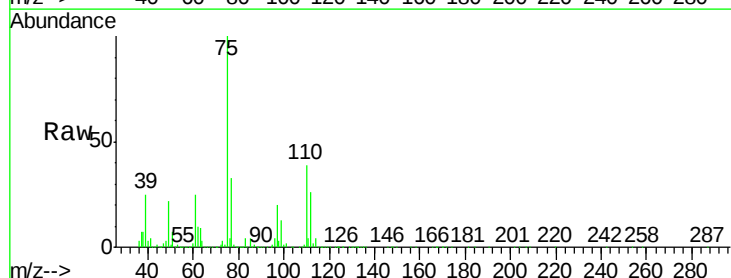
Acq: 15 Dec 2018 02:34

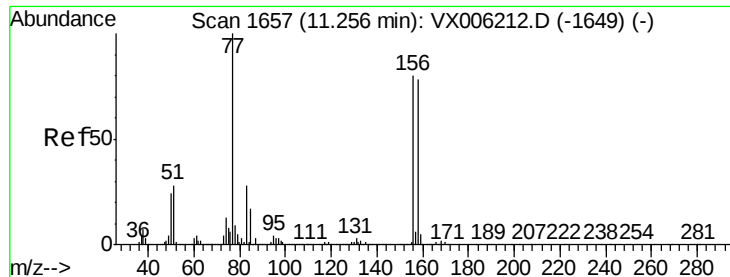
Tgt Ion: 75 Resp: 176600

Ion Ratio Lower Upper

75 100

77 36.6 19.9 59.7





#77

Bromobenzene

Concen: 21.712 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Instrument :

MSVOA_X

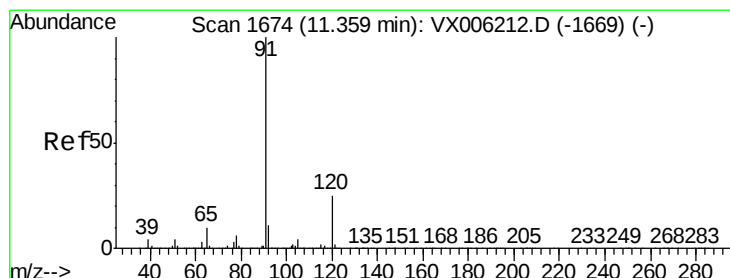
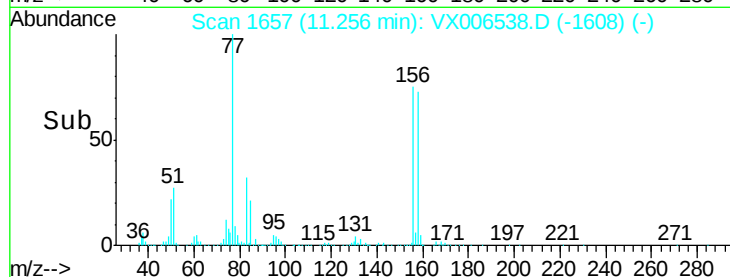
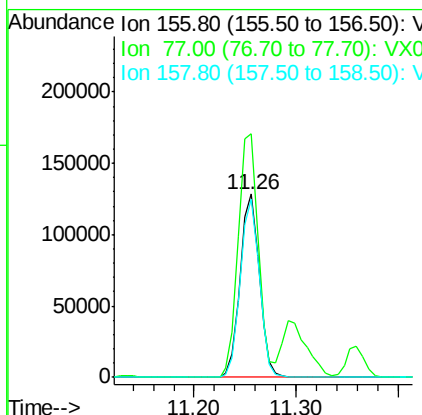
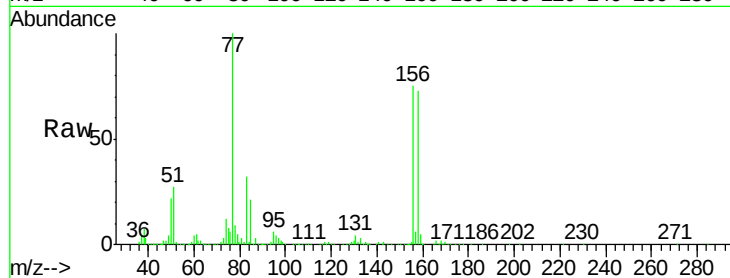
ClientSampleId :

VX1214WBS02

Tgt Ion:	156	Resp:	166899
Ion Ratio	Lower	Upper	
156	100		
77	139.5	66.2	198.6
158	95.9	48.8	146.4

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#78

n-propylbenzene

Concen: 22.133 ug/l

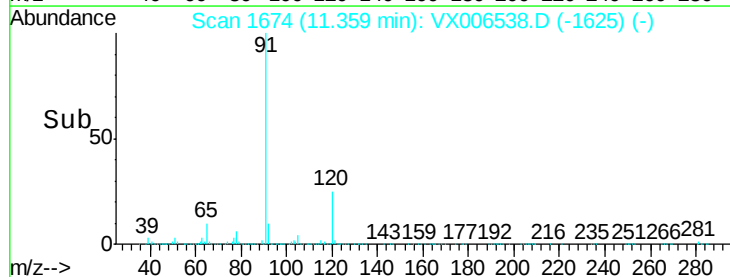
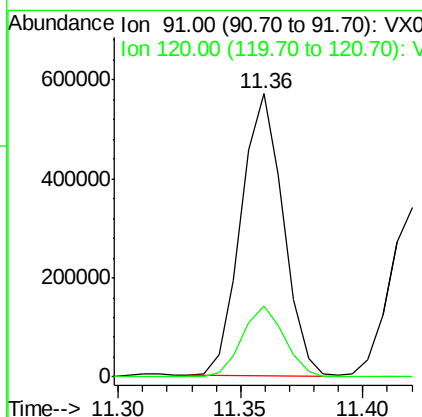
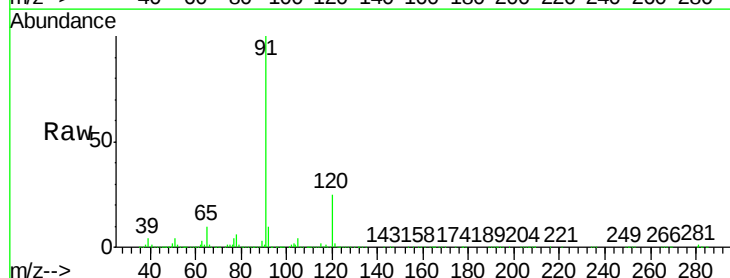
RT: 11.36 min Scan# 1674

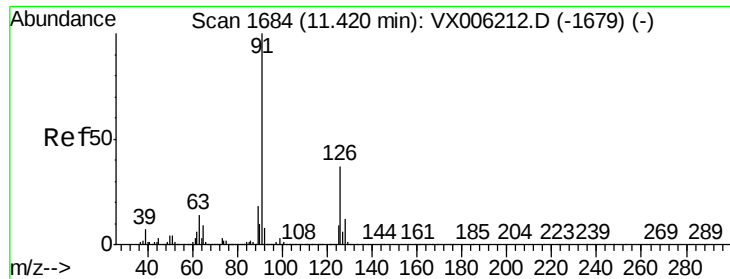
Delta R.T. 0.00 min

Lab File: VX006538.D

Acq: 15 Dec 2018 02:34

Tgt Ion:	91	Resp:	681471
Ion Ratio	Lower	Upper	
91	100		
120	25.4	12.7	38.0





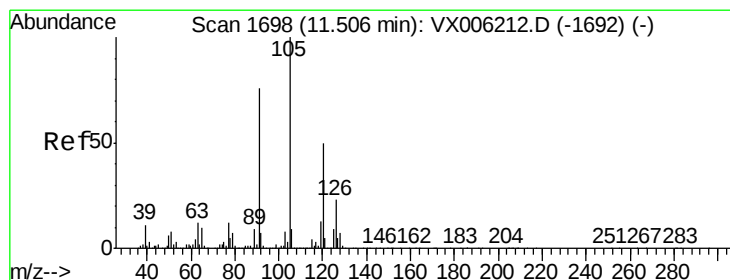
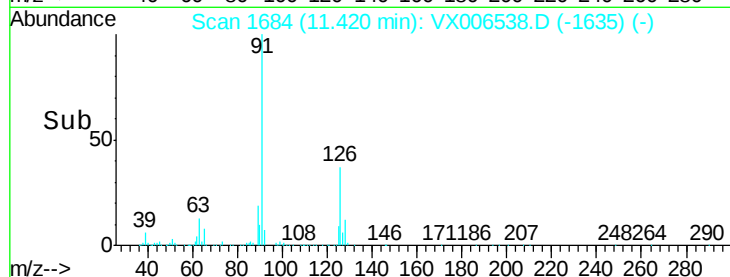
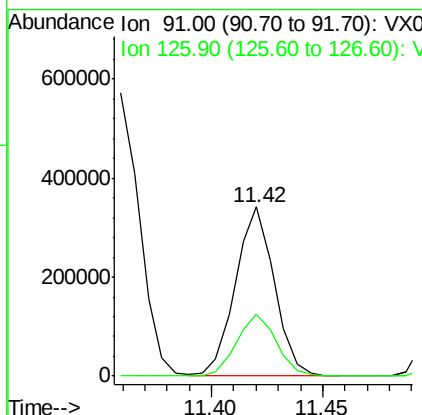
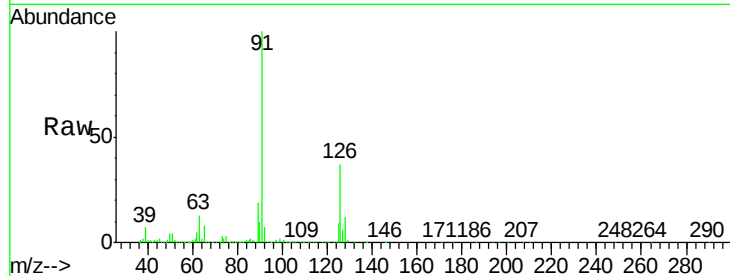
#79
 2-Chlorotoluene
 Concen: 22.553 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX006538.D
 Acq: 15 Dec 2018 02:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS02

Tgt Ion: 91 Resp: 412733
 Ion Ratio Lower Upper
 91 100
 126 37.6 18.6 56.0

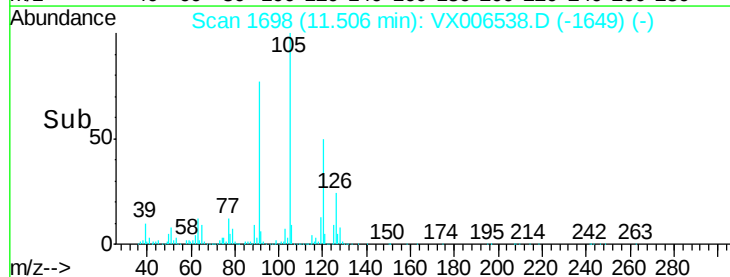
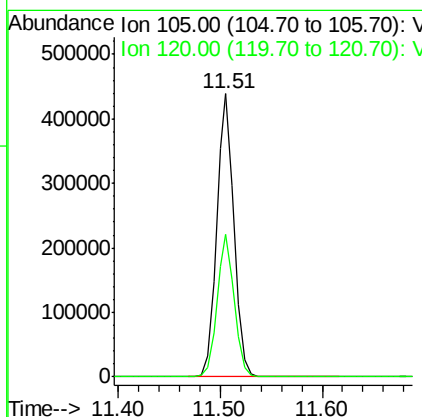
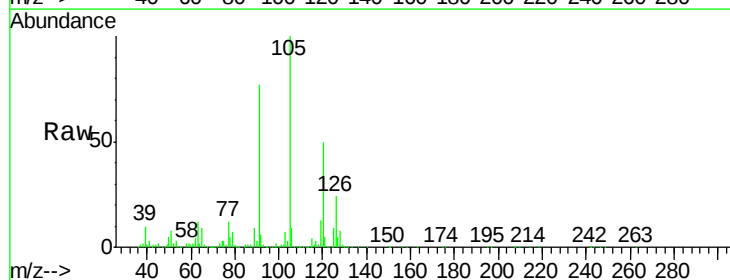
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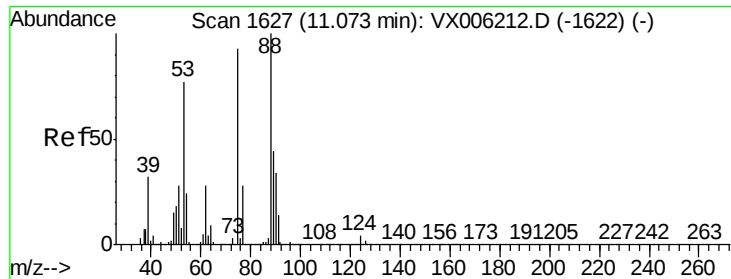
MMDadoda
 12/17/2018 12:12:35 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 22.554 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006538.D
 Acq: 15 Dec 2018 02:34

Tgt Ion: 105 Resp: 519784
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.4 76.0





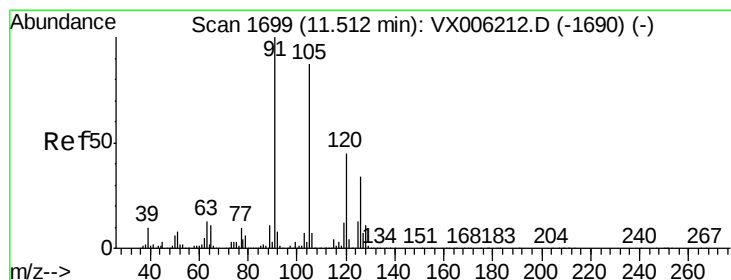
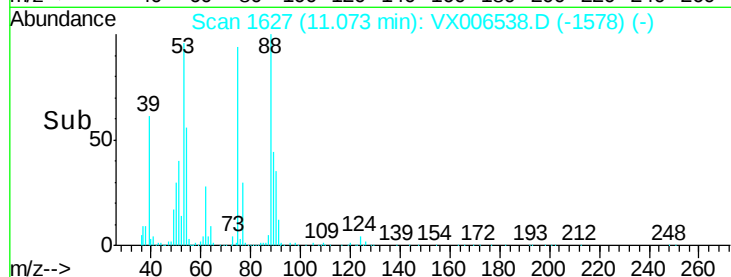
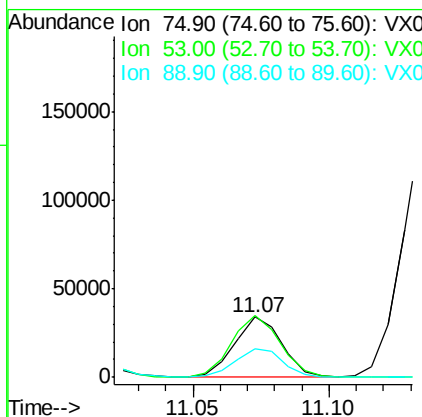
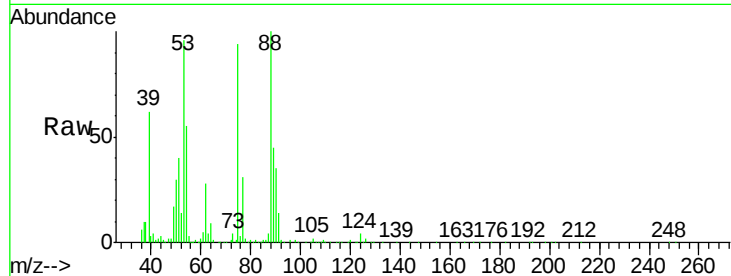
#81
trans-1,4-Dichloro-2-butene
Concen: 12.271 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	105.6	64.4	96.6#
89	47.6	44.2	66.4

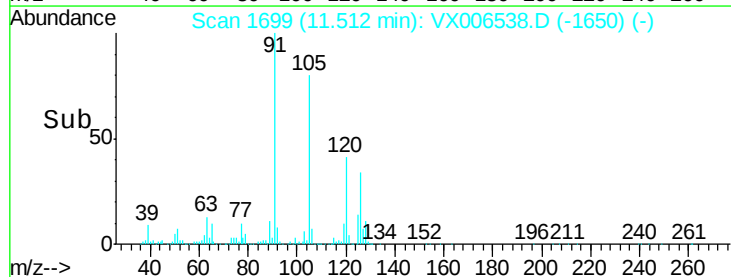
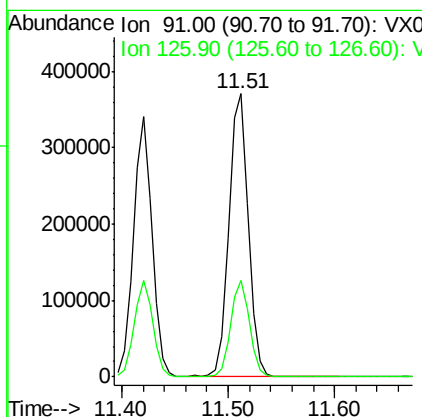
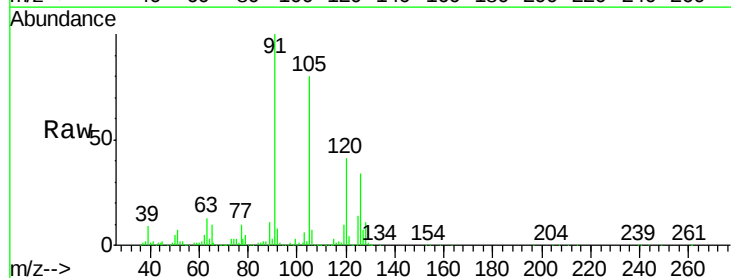
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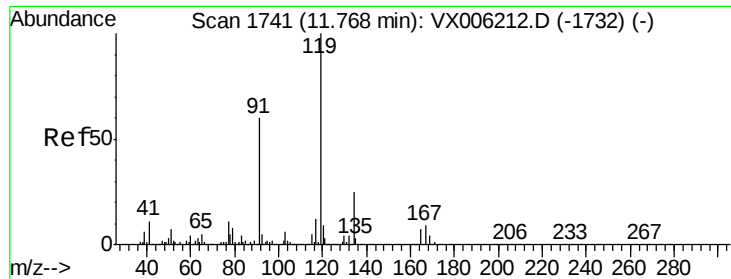
MMDadoda
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#82
4-Chlorotoluene
Concen: 22.357 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4





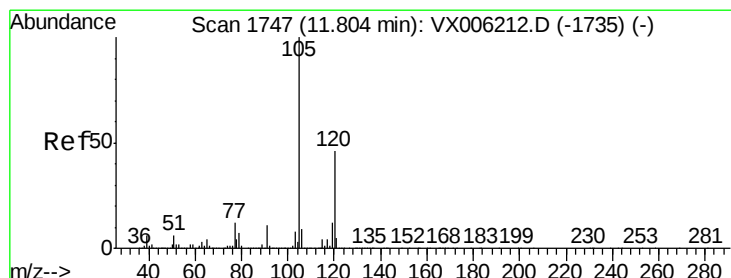
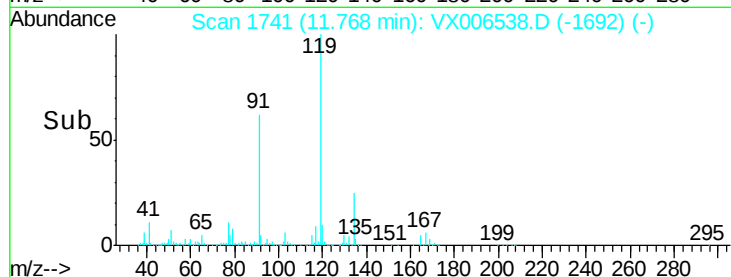
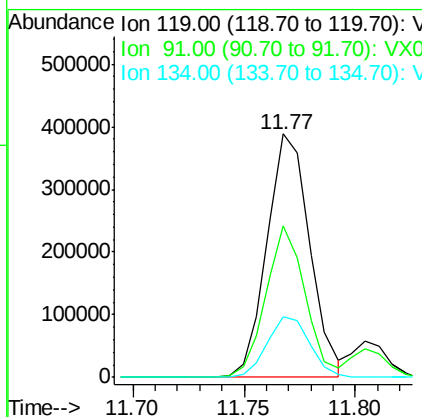
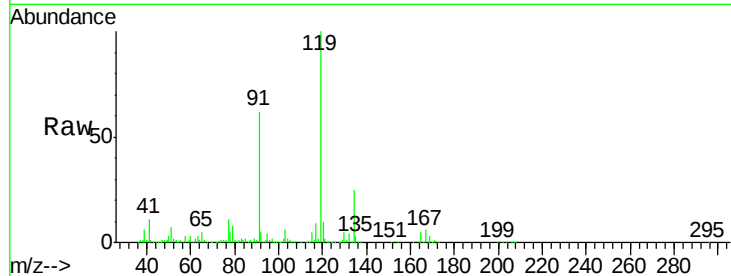
#83
tert-Butylbenzene
Concen: 21.070 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.0	26.4	79.2
134	24.9	11.6	34.7

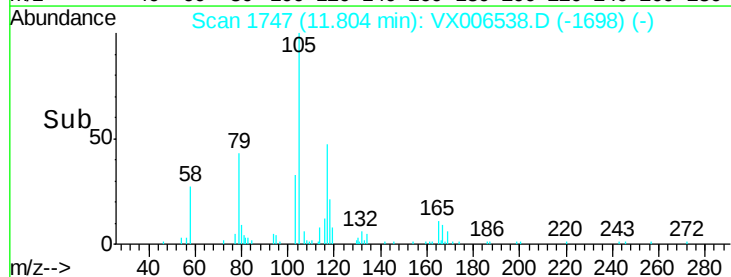
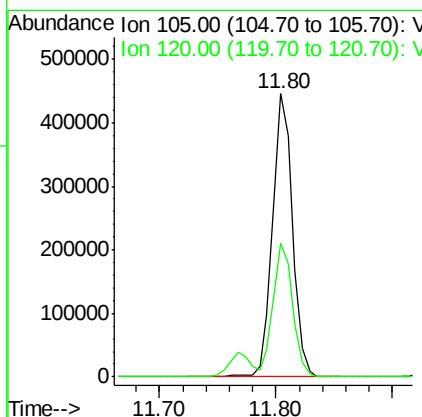
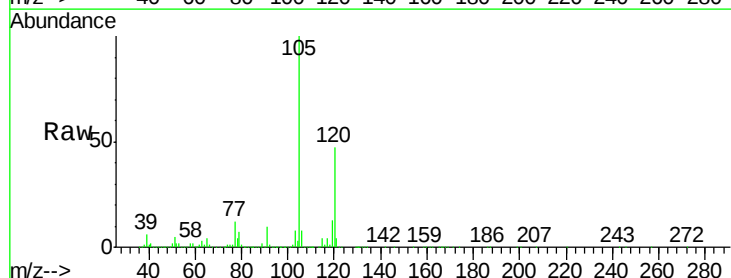
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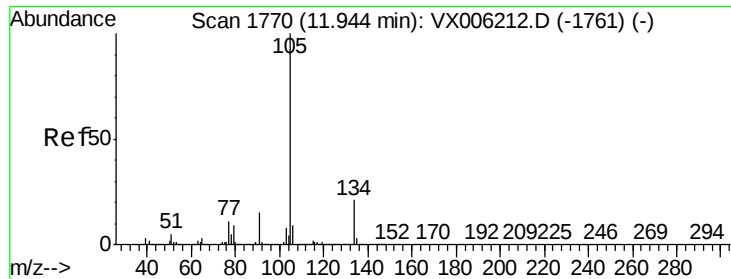
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 22.479 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.4	70.0





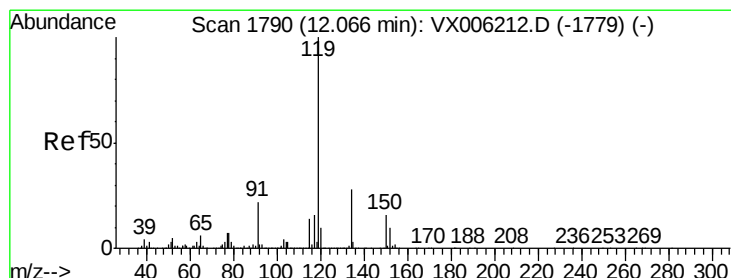
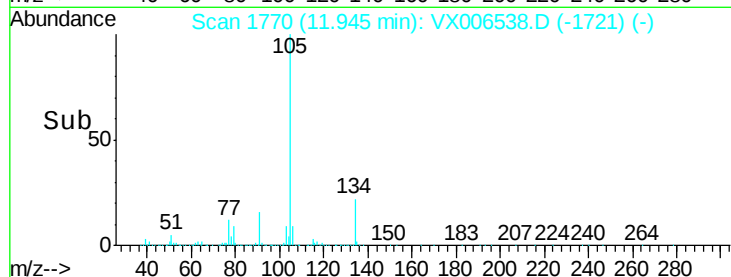
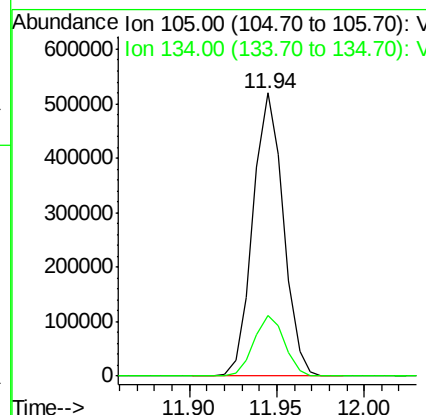
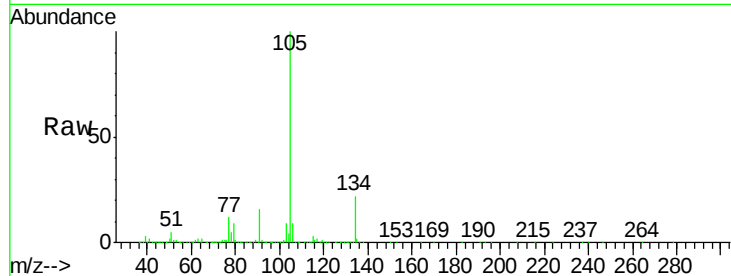
#85
 sec-Butylbenzene
 Concen: 22.436 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006538.D
 Acq: 15 Dec 2018 02:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS02

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.7	10.8	32.4

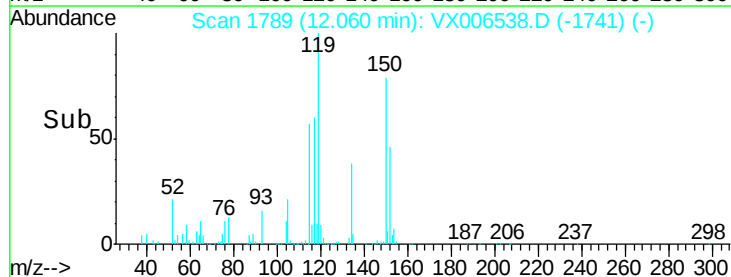
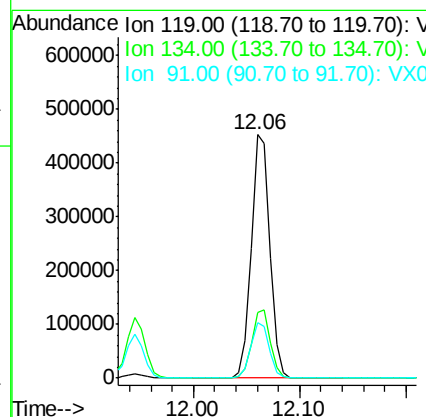
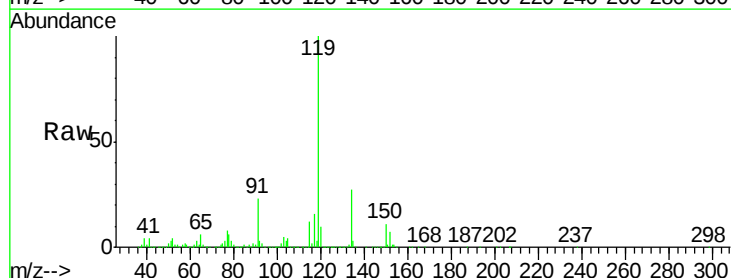
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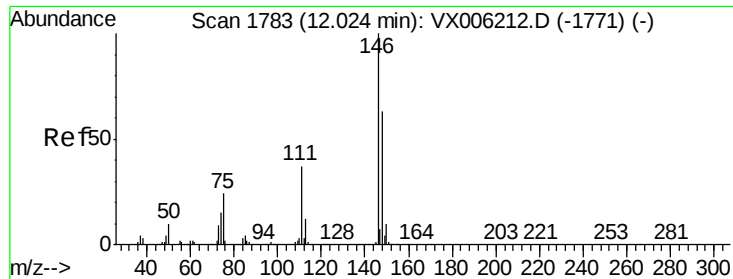
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#86
 p-Isopropyltoluene
 Concen: 22.043 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: VX006538.D
 Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.9	41.6
91	22.7	11.3	33.8





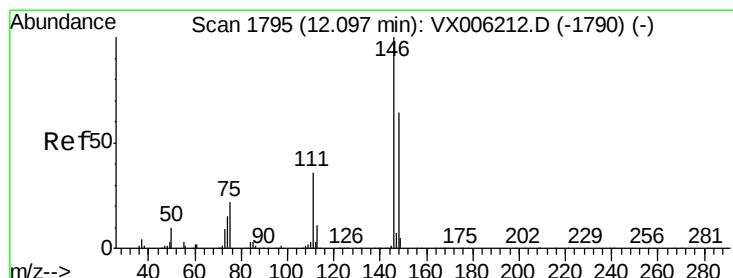
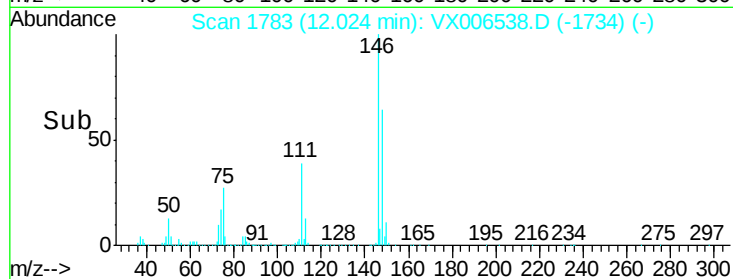
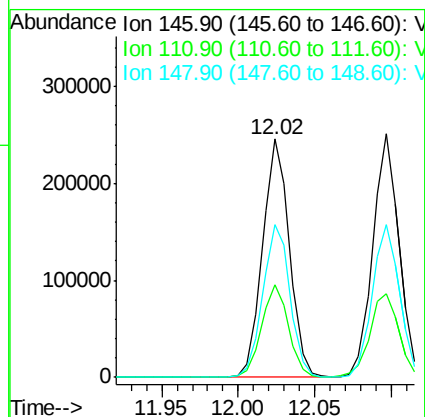
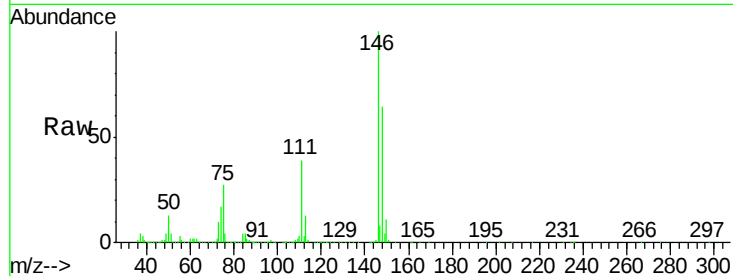
#87
 1,3-Dichlorobenzene
 Concen: 22.018 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006538.D
 Acq: 15 Dec 2018 02:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.4	55.2
148	64.9	32.0	96.0

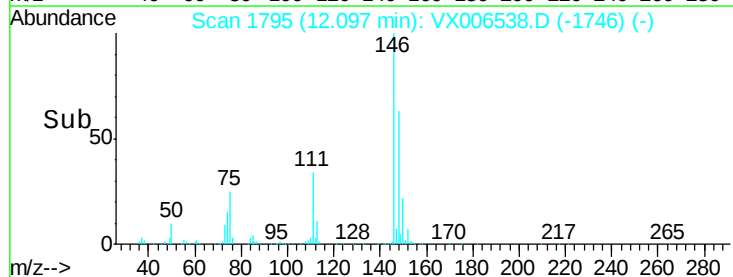
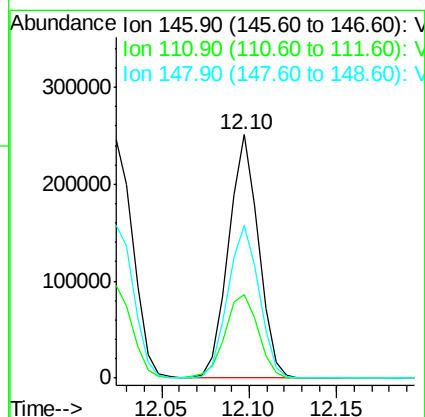
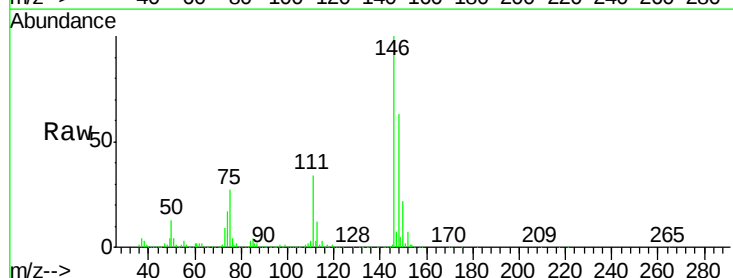
Manual Integrations
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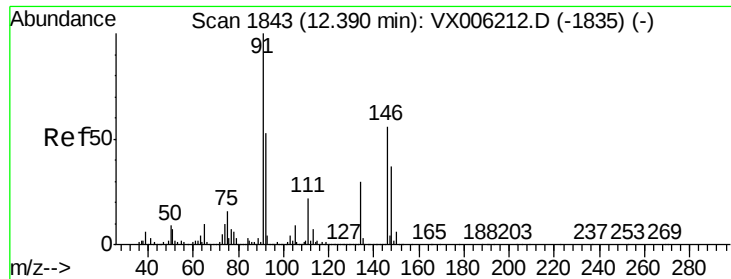
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#88
 1,4-Dichlorobenzene
 Concen: 21.579 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006538.D
 Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.3	54.8
148	65.4	31.9	95.9





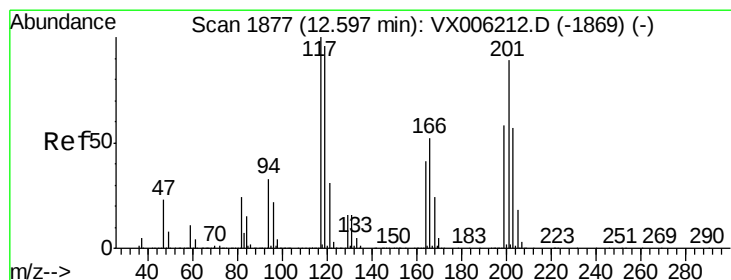
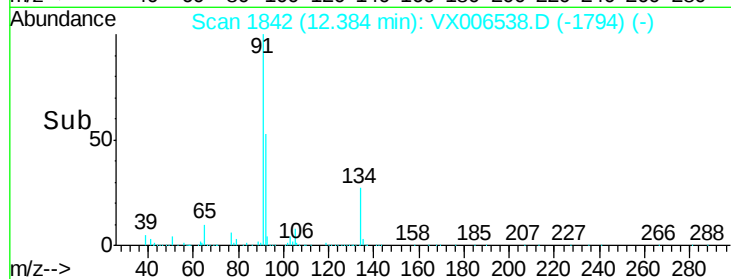
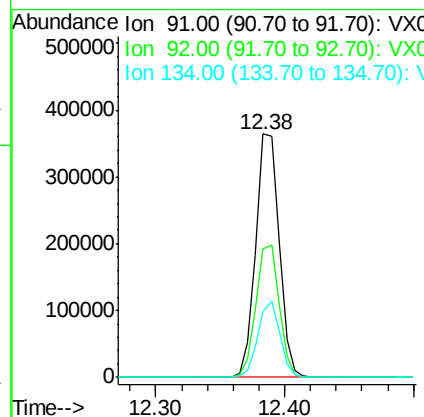
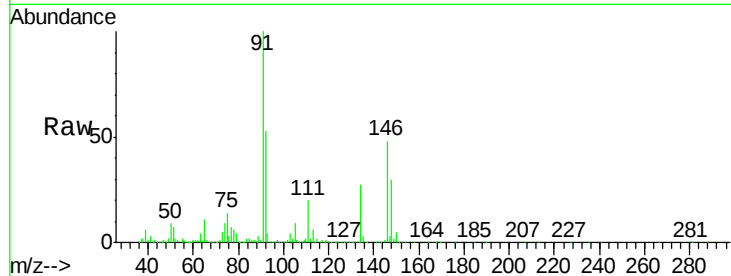
#89
n-Butylbenzene
Concen: 21.045 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.6	79.8
134	29.4	14.8	44.3

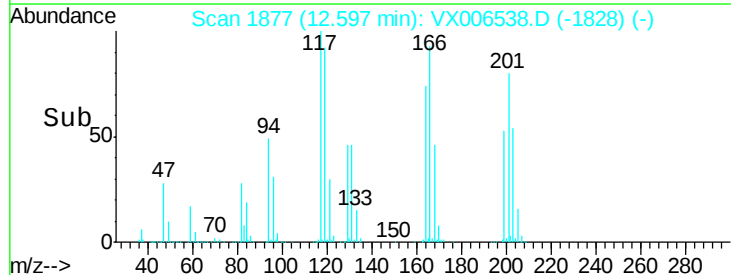
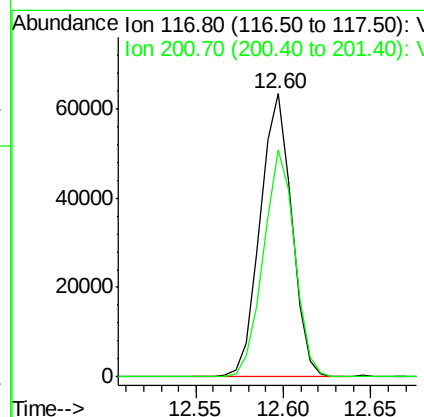
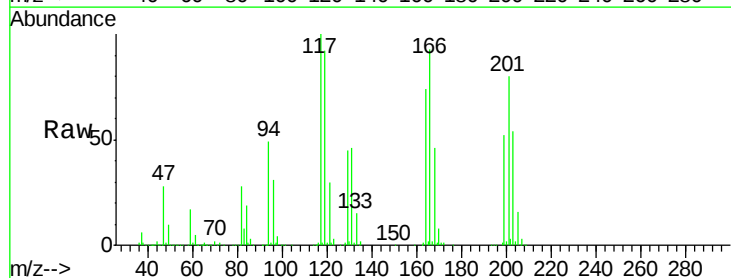
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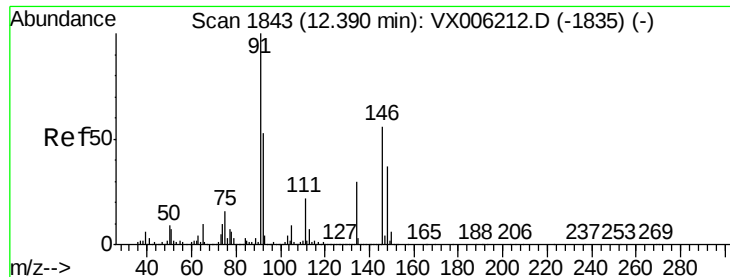
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#90
Hexachloroethane
Concen: 15.438 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.6	44.7	134.1





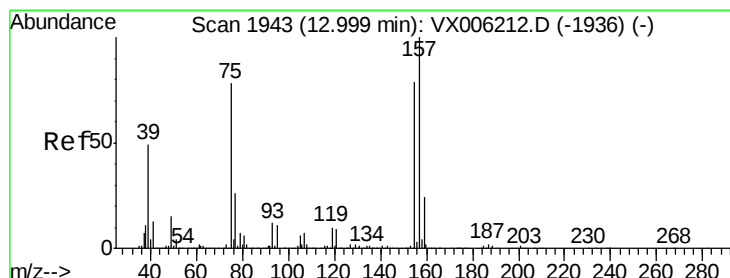
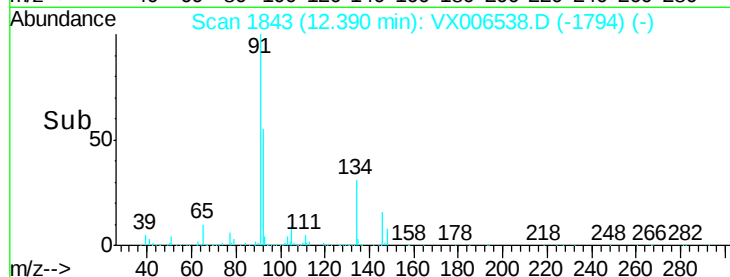
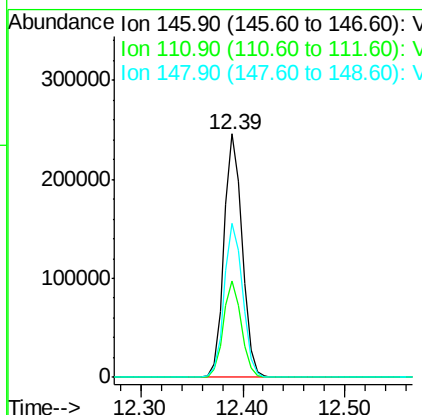
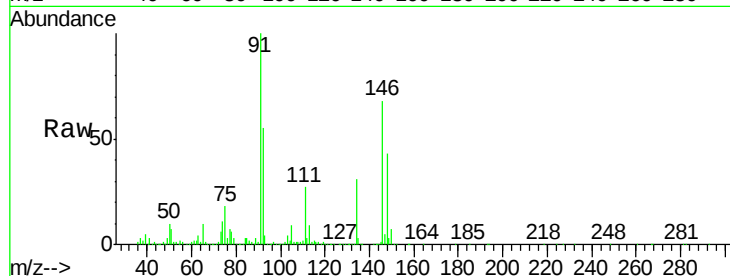
#91
 1,2-Dichlorobenzene
 Concen: 22.464 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006538.D
 Acq: 15 Dec 2018 02:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	304949		
111	39.1	19.1	57.3	
148	63.9	32.1	96.3	

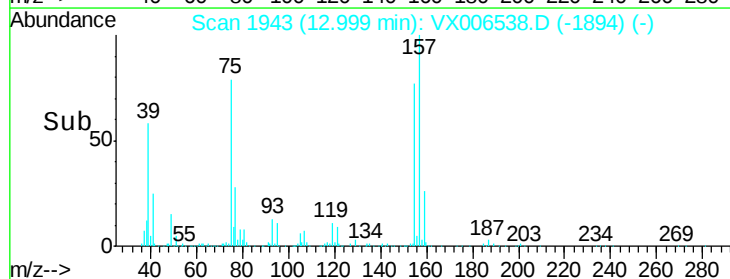
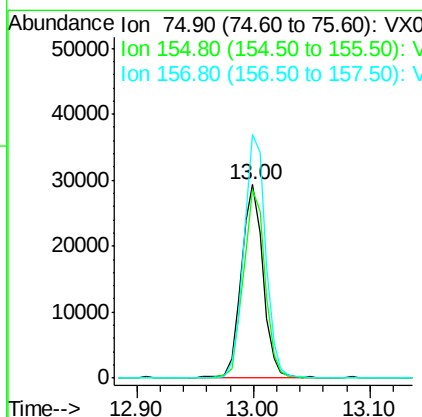
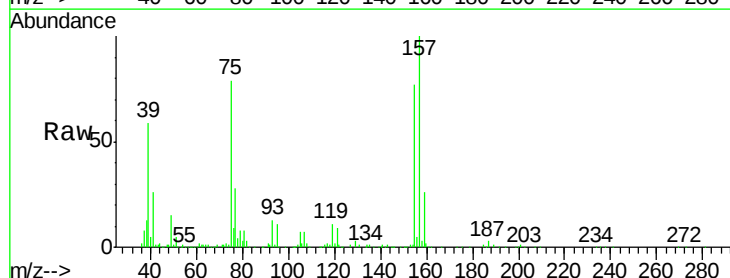
Manual Integrations
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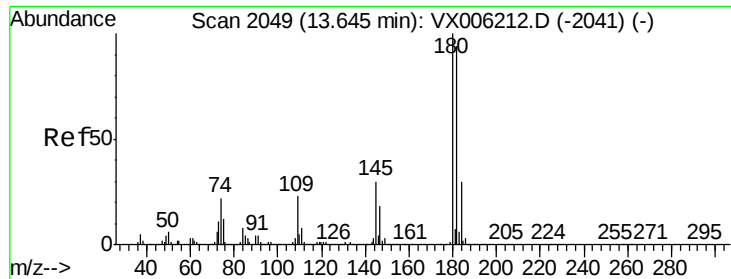
MMDadoda
 12/17/2018 12:12:35 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.863 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006538.D
 Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	38305		
155	97.1	53.4	160.3	
157	126.2	68.0	203.8	





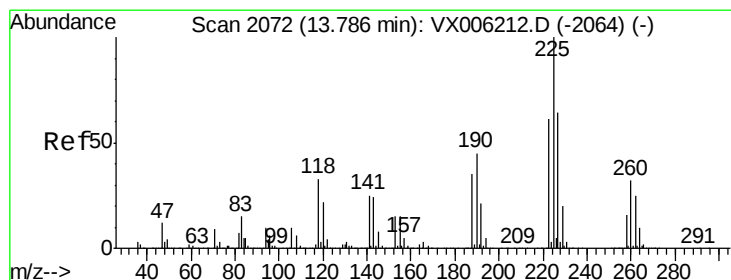
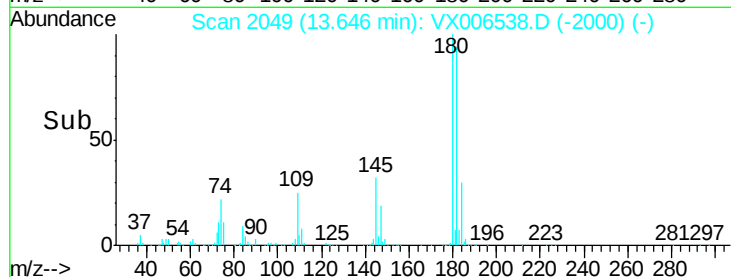
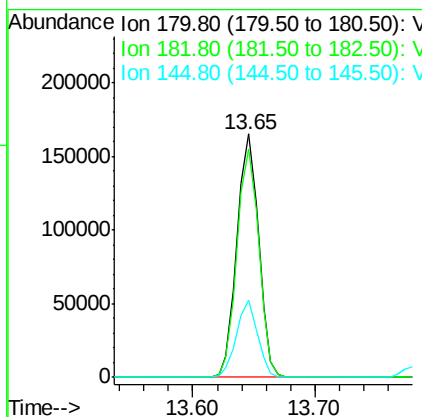
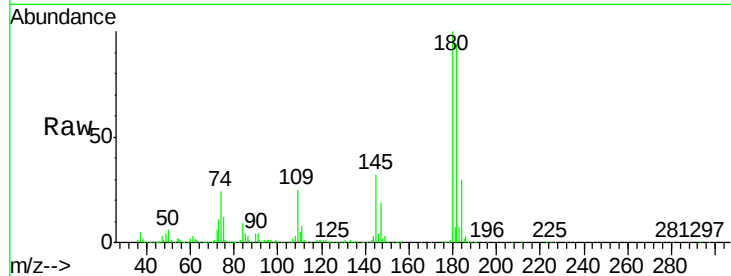
#93
1,2,4-Trichlorobenzene
Concen: 20.370 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	201736		
182	94.5	47.3	141.9	
145	30.8	14.6	43.8	

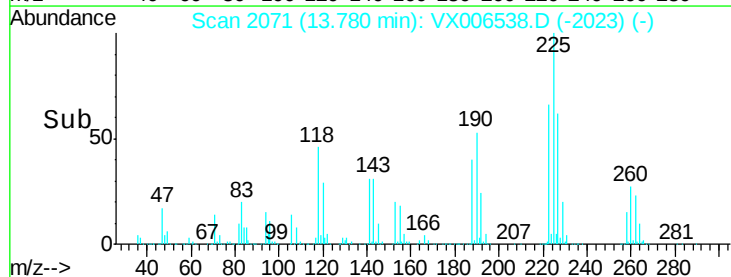
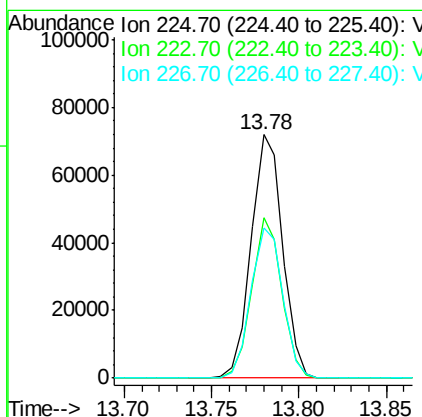
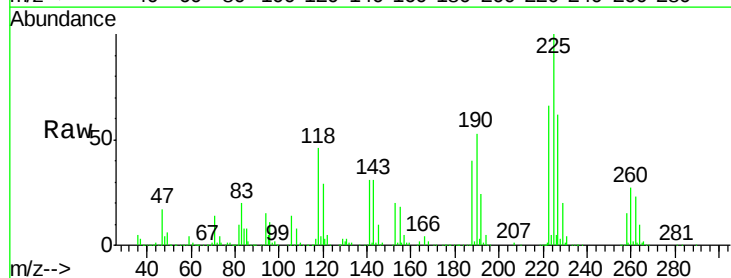
Manual Integrations
APPROVED

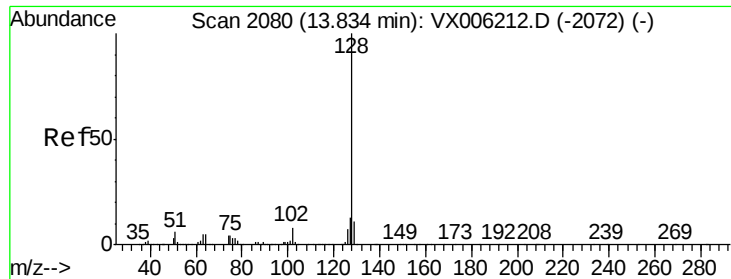
MMDadoda
12/17/2018 12:12:35 PM



#94
Hexachlorobutadiene
Concen: 20.459 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89608		
223	63.0	31.2	93.6	
227	63.0	31.9	95.5	





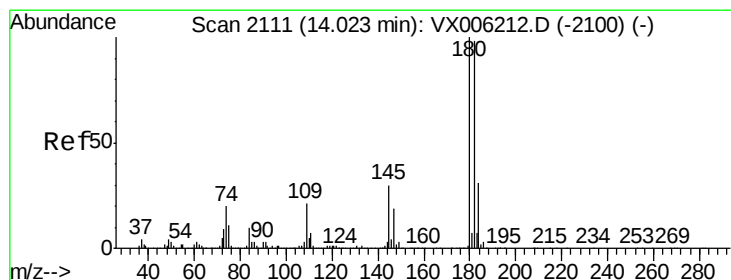
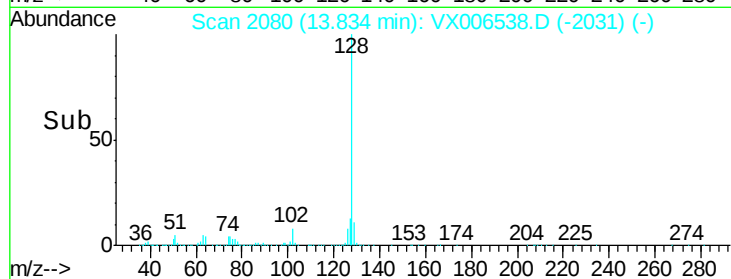
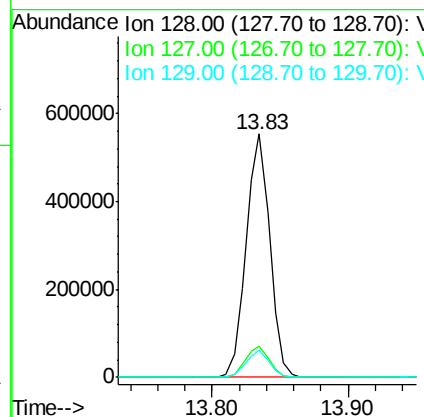
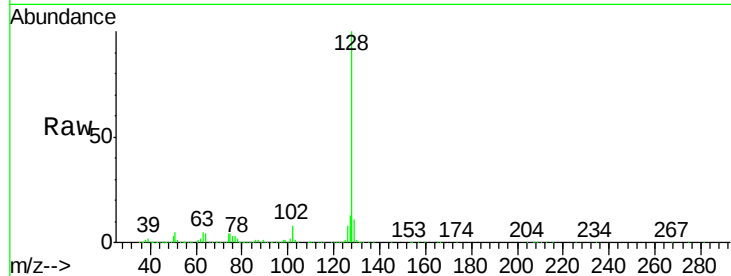
#95
Naphthalene
Concen: 21.803 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	671690		
127	13.1	10.2	15.4	
129	10.8	8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
12/17/2018 12:12:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.305 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006538.D
Acq: 15 Dec 2018 02:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	208985		
182	95.1	48.4	145.2	
145	31.3	15.6	46.8	

