

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006313.D
 Acq On : 06 Dec 2018 12:58
 Operator : JC/MD
 Sample : VX1206WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 11:19:09 AM

Quant Time: Dec 07 05:02:17 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	679334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1015101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	911270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	454258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	342724	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	5.50	113	326943	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.71	98	1173572	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.13	95	436762	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	129202	19.424	ug/l	100
3) Chloromethane	1.33	50	123737	18.102	ug/l	97
4) Vinyl Chloride	1.41	62	136138	18.505	ug/l	98
5) Bromomethane	1.64	94	97121	19.049	ug/l	97
6) Chloroethane	1.73	64	87431	19.383	ug/l	97
7) Trichlorofluoromethane	1.93	101	209716	18.571	ug/l	99
8) Diethyl Ether	2.19	74	80890	18.927	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	120348	18.742	ug/l	98
10) Methyl Iodide	2.51	142	158481	16.377	ug/l	99
11) Tert butyl alcohol	3.07	59	170383	89.839	ug/l	98
12) 1,1-Dichloroethene	2.38	96	113395	18.447	ug/l	95
13) Acrolein	2.29	56	92388	89.128	ug/l	100
14) Allyl chloride	2.73	41	214890	17.697	ug/l	98
15) Acrylonitrile	3.15	53	363693	91.897	ug/l	100
16) Acetone	2.45	43	295517	90.802	ug/l	100
17) Carbon Disulfide	2.57	76	308619	16.293	ug/l	99
18) Methyl Acetate	2.78	43	205855	18.914	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	409587	18.678	ug/l	99
20) Methylene Chloride	2.86	84	129827	18.744	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	117180	17.888	ug/l	99
22) Diisopropyl ether	3.87	45	364925	19.240	ug/l	94
23) Vinyl Acetate	3.82	43	1515100	93.658	ug/l	100
24) 1,1-Dichloroethane	3.70	63	207105	19.104	ug/l	98
25) 2-Butanone	4.70	43	437054	94.117	ug/l	97
26) 2,2-Dichloropropane	4.59	77	190515	19.042	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	143523	19.642	ug/l	99
28) Bromochloromethane	5.02	49	100598	21.245	ug/l	99
29) Tetrahydrofuran	5.15	42	298506	92.492	ug/l	97
30) Chloroform	5.21	83	225497	19.794	ug/l	97
31) Cyclohexane	5.58	56	180818	18.048	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	210110	19.384	ug/l	99
36) 1,1-Dichloropropene	5.80	75	158984	18.599	ug/l	100
37) Ethyl Acetate	4.85	43	170773	17.839	ug/l	98
38) Carbon Tetrachloride	5.78	117	188600	18.755	ug/l	94

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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	204210	18.404	ug/l	99
40) Benzene	6.14	78	496836	19.406	ug/l	100
41) Methacrylonitrile	5.06	41	95944	18.214	ug/l	99
42) 1,2-Dichloroethane	6.20	62	165266	19.723	ug/l	99
43) Isopropyl Acetate	6.46	43	283620	17.770	ug/l	98
44) Trichloroethene	7.21	130	147713	19.045	ug/l	99
45) 1,2-Dichloropropane	7.51	63	124093	19.071	ug/l	100
46) Dibromomethane	7.66	93	89652	19.077	ug/l	98
47) Bromodichloromethane	7.90	83	170060	18.687	ug/l	99
48) Methyl methacrylate	7.77	41	139755	17.999	ug/l	98
49) 1,4-Dioxane	7.75	88	72515	378.921	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	863386	92.923	ug/l	98
52) Toluene	8.79	92	322408	19.141	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	188968	17.755	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	201969	18.275	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	135688	19.829	ug/l	99
56) Ethyl methacrylate	9.18	69	200043	18.700	ug/l	97
57) 1,3-Dichloropropane	9.37	76	210887	19.489	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	504634	92.959	ug/l	98
59) 2-Hexanone	9.49	43	659535	92.910	ug/l	99
60) Dibromochloromethane	9.59	129	155241	18.398	ug/l	99
61) 1,2-Dibromoethane	9.67	107	142934	18.681	ug/l	99
64) Tetrachloroethene	9.34	164	136337	19.866	ug/l	96
65) Chlorobenzene	10.14	112	372727	19.268	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	140745	18.726	ug/l	99
67) Ethyl Benzene	10.25	91	609930	18.958	ug/l	98
68) m/p-Xylenes	10.36	106	488111	37.874	ug/l	100
69) o-Xylene	10.70	106	238492	18.735	ug/l	99
70) Styrene	10.71	104	384963	18.698	ug/l	98
71) Bromoform	10.86	173	120025	16.917	ug/l	99
73) Isopropylbenzene	11.02	105	634330	20.221	ug/l	99
74) N-amyl acetate	10.90	43	251350	18.606	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	200956	20.023	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	191513m	21.842	ug/l	
77) Bromobenzene	11.26	156	174349	20.027	ug/l	99
78) n-propylbenzene	11.36	91	689417	19.770	ug/l	100
79) 2-Chlorotoluene	11.42	91	413714	19.961	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	522527	20.019	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	67174	17.979	ug/l	94
82) 4-Chlorotoluene	11.51	91	473253	19.639	ug/l	100
83) tert-Butylbenzene	11.77	119	566165	20.330	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	539684	20.024	ug/l	99
85) sec-Butylbenzene	11.94	105	640256	20.209	ug/l	100
86) p-Isopropyltoluene	12.07	119	566312	19.851	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	301844	19.485	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	304114	19.342	ug/l	98
89) n-Butylbenzene	12.39	91	463480	19.040	ug/l	99
90) Hexachloroethane	12.60	117	107320	18.458	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	306664	19.947	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46641	18.129	ug/l	95

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX1206WBS01

Manual Integrations
APPROVED

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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	212752	18.968	ug/l	99
94) Hexachlorobutadiene	13.78	225	99250	20.009	ug/l	100
95) Naphthalene	13.83	128	685689	19.653	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	212766	19.152	ug/l	99

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

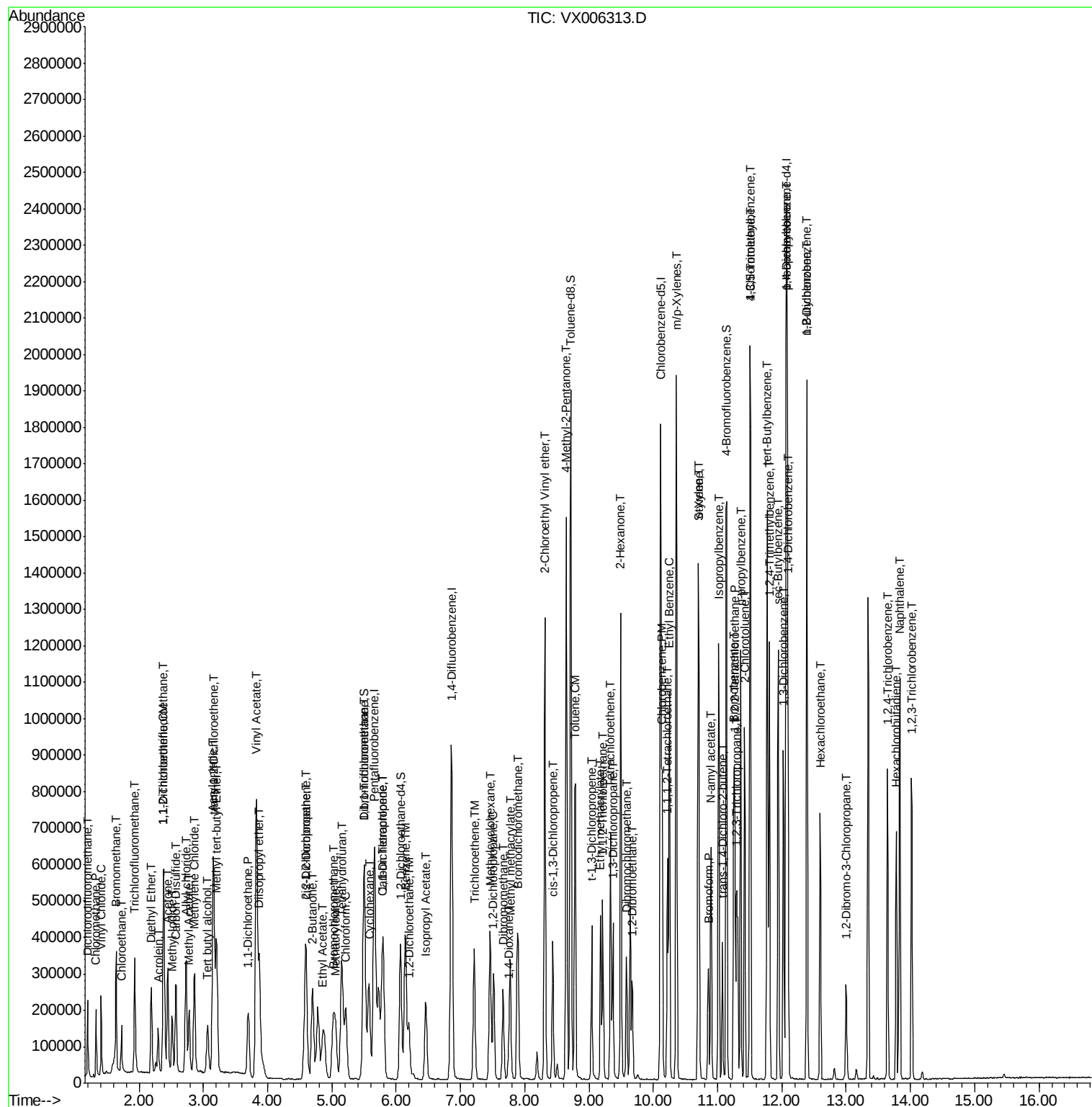
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Data File : VX006313.D
Acq On : 06 Dec 2018 12:58
Operator : JC/MD
Sample : VX1206WBS01
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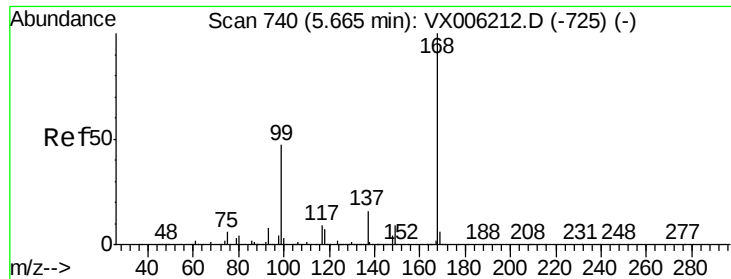
Instrument :
MSVOA_X
Client Sampled :
VX1206WBS01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

ClientSampled :

VX1206WBS01

Tot Ion:168 Resp: 679334

Ion Ratio Lower Upper

168 100

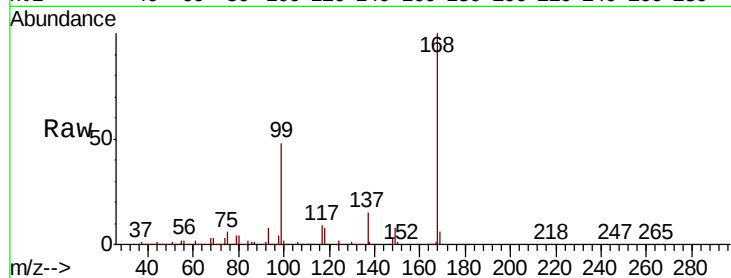
99 48.3 37.8 56.8

Manual Integrations

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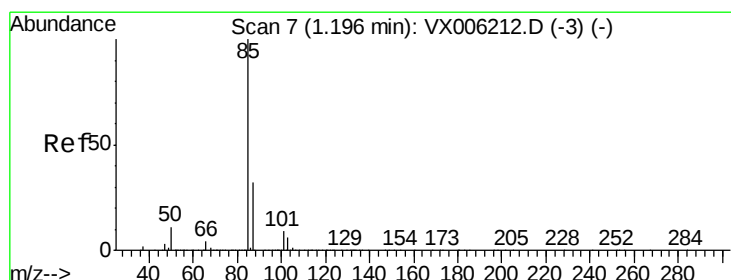
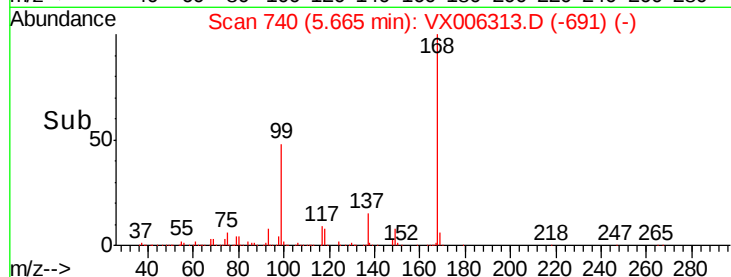
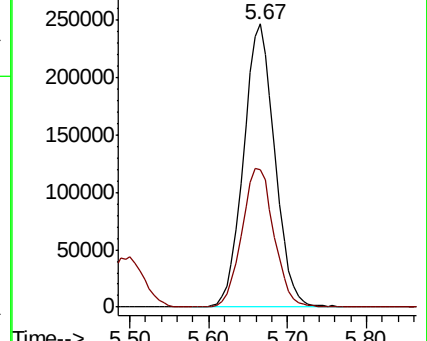
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.424 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006313.D

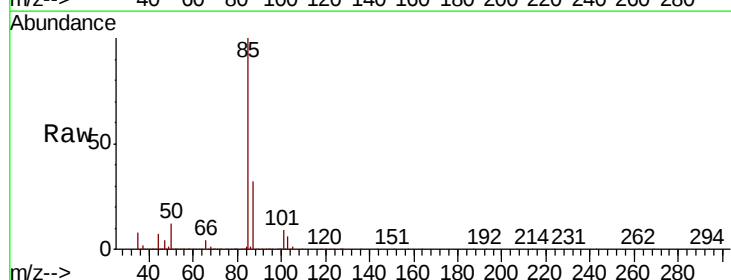
Acq: 06 Dec 2018 12:58

Tgt Ion: 85 Resp: 129202

Ion Ratio Lower Upper

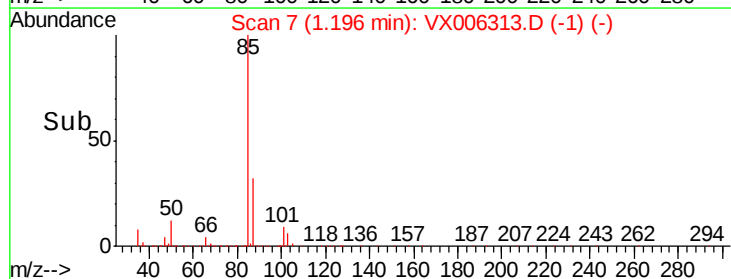
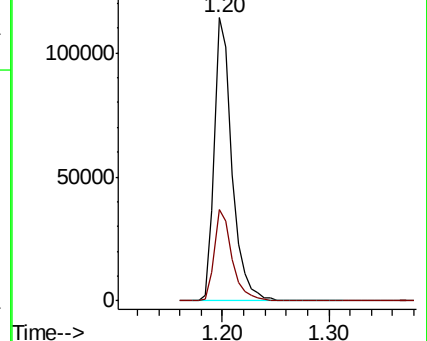
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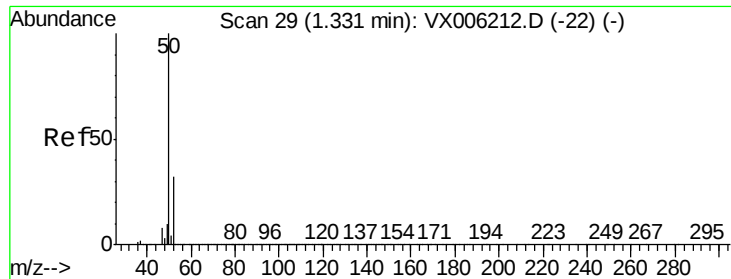
87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





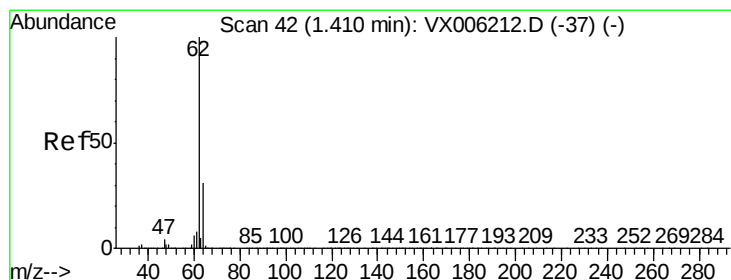
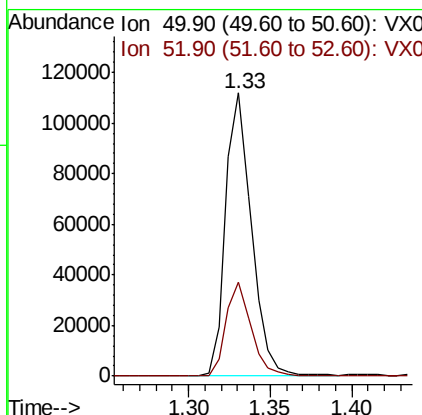
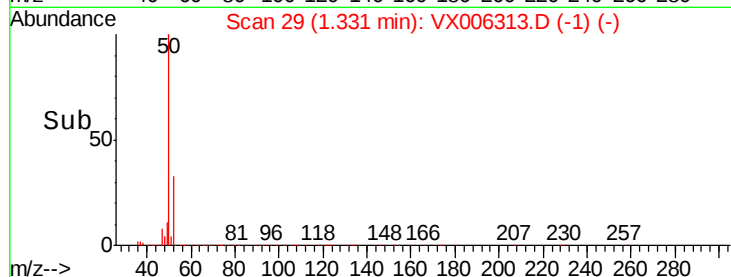
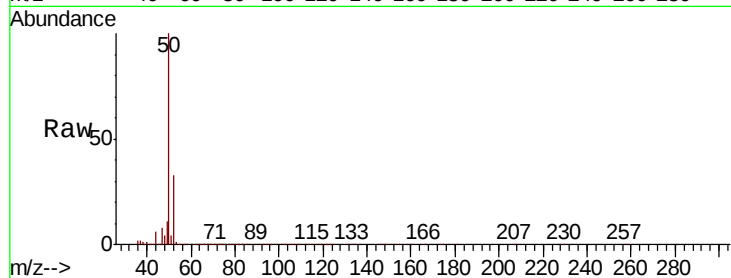
#3
Chloromethane
Concen: 18.102 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.1	25.2	37.8

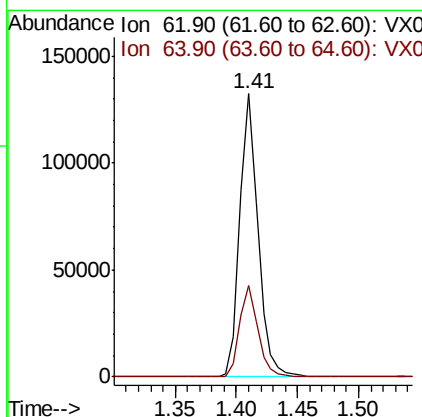
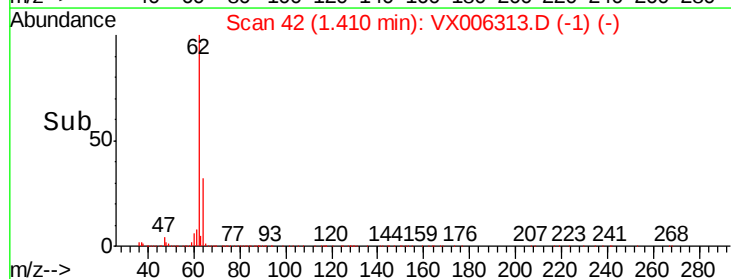
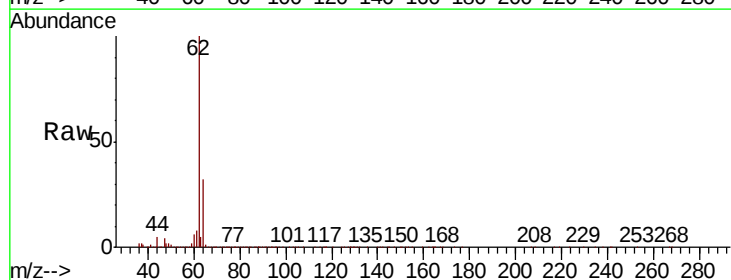
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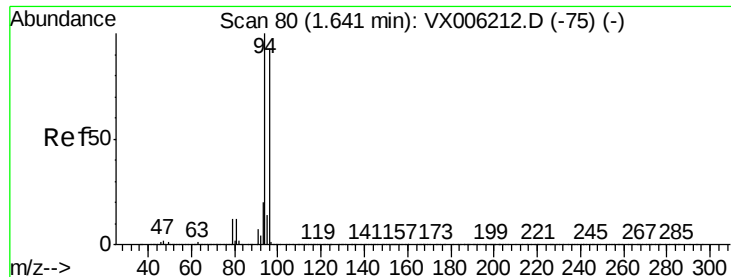
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#4
Vinyl Chloride
Concen: 18.505 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.2	24.9	37.3





#5

Bromomethane

Concen: 19.049 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

Tot Ion: 94 Resp: 97121

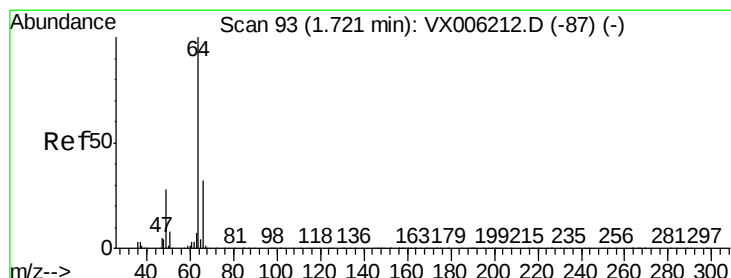
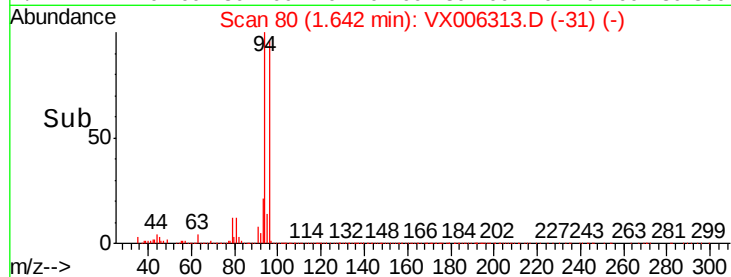
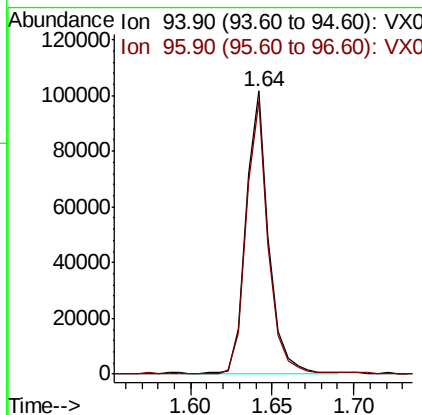
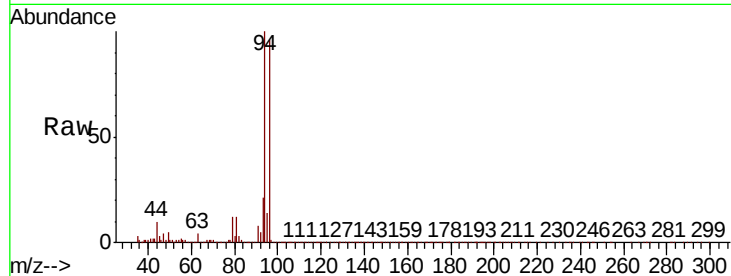
Ion Ratio Lower Upper

94 100

96 96.2 74.5 111.7

Manual Integrations
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#6

Chloroethane

Concen: 19.383 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006313.D

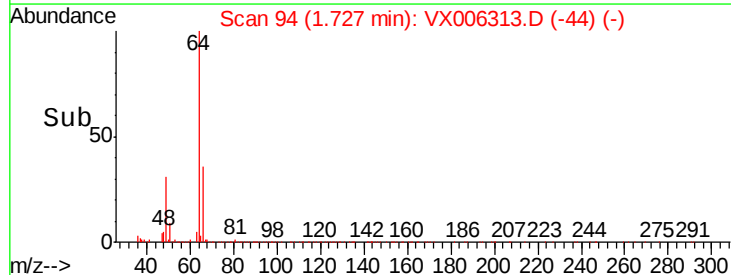
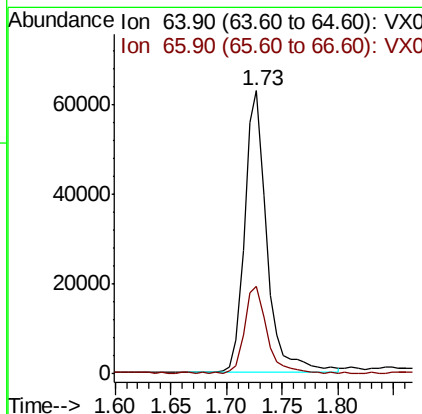
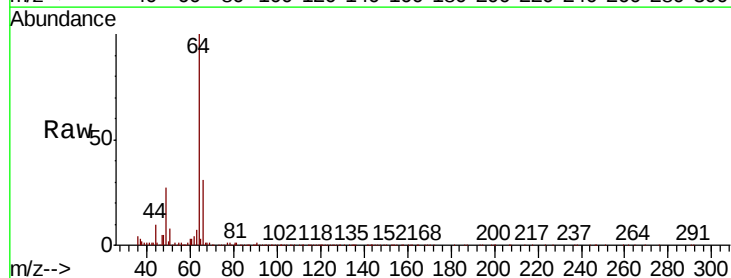
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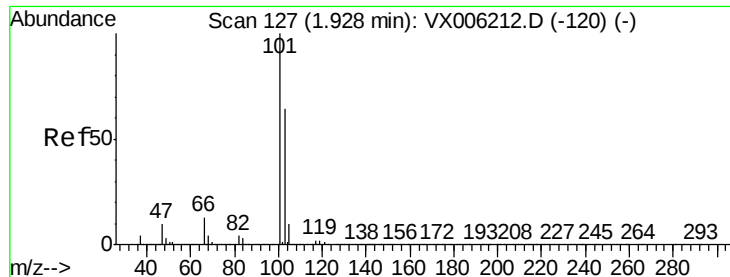
Tgt Ion: 64 Resp: 87431

Ion Ratio Lower Upper

64 100

66 30.8 25.9 38.9





#7

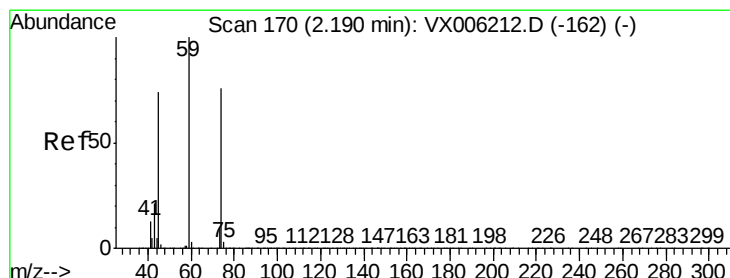
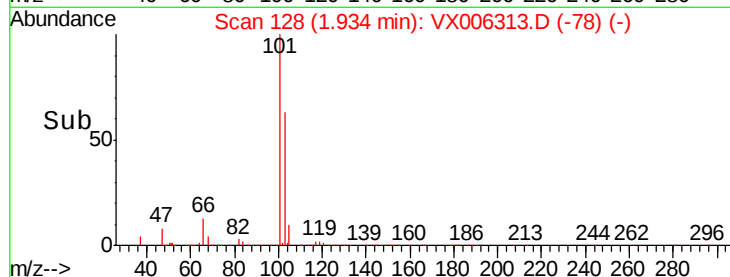
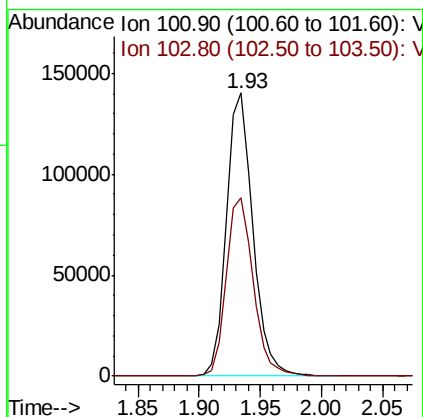
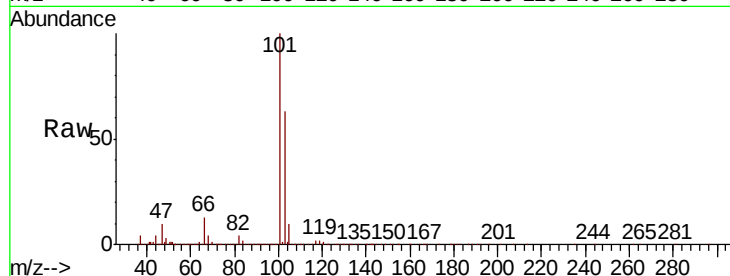
Trichlorofluoromethane
Concen: 18.571 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.0	76.4

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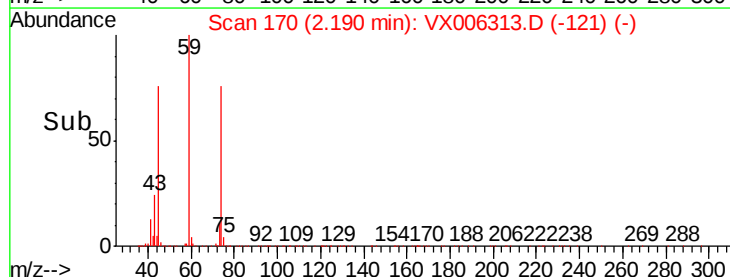
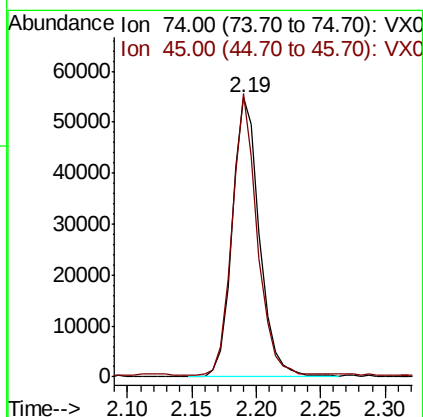
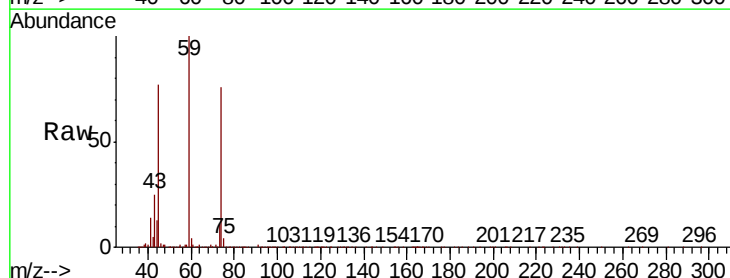
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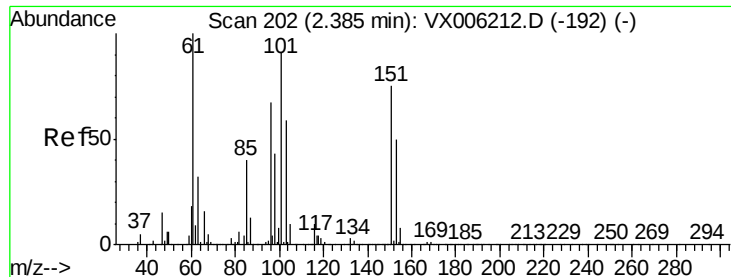


#8

Diethyl Ether
Concen: 18.927 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.1	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.742 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

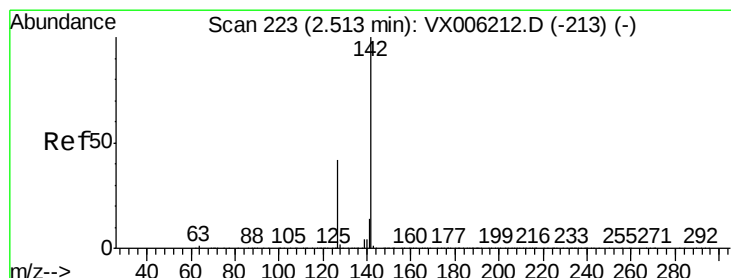
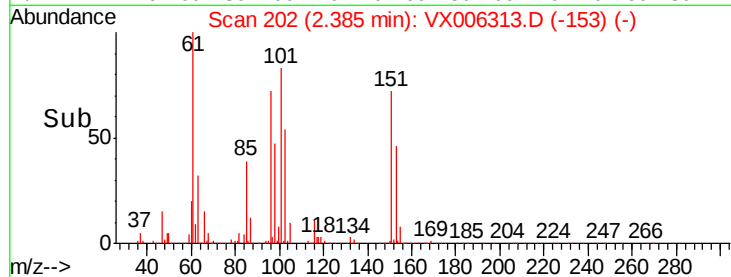
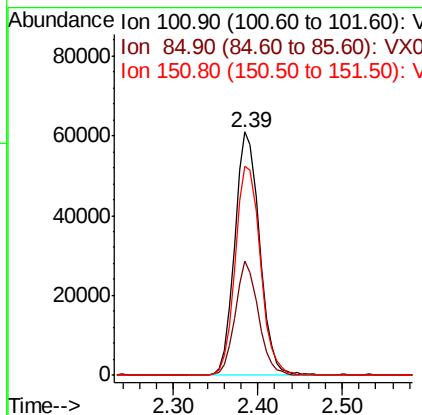
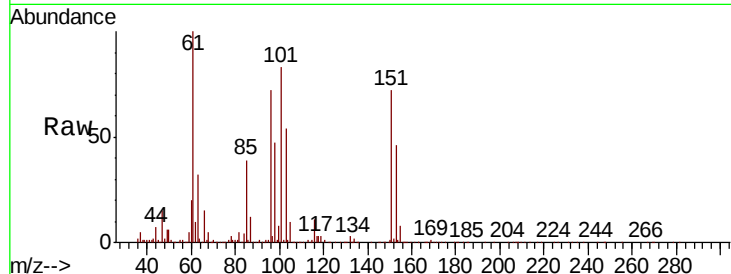
ClientSampleId :

VX1206WBS01

Tot Ion:	101	Resp:	120348
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.5	53.3
151	87.4	68.6	103.0

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#10

Methyl Iodide

Concen: 16.377 ug/l

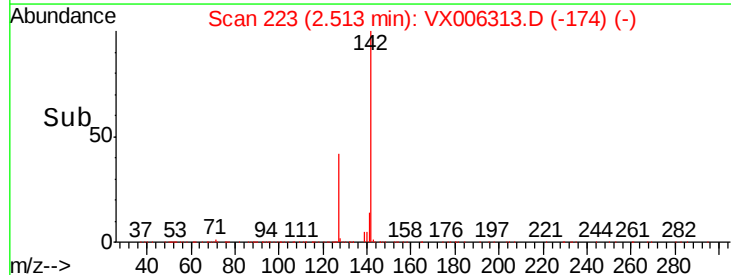
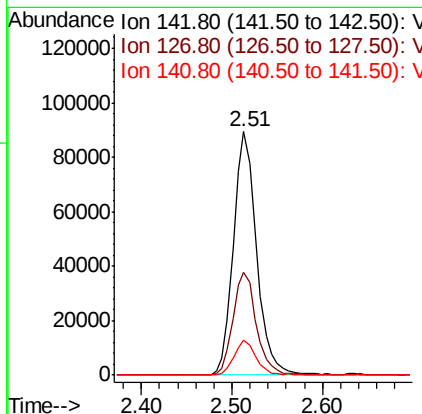
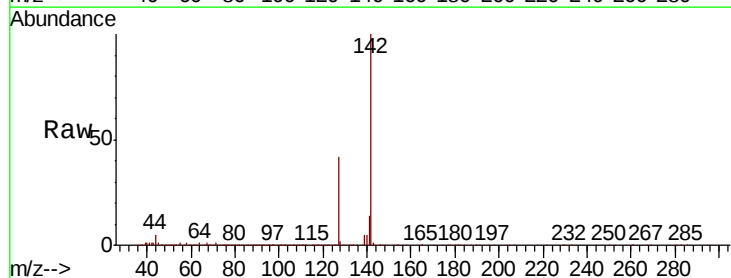
RT: 2.51 min Scan# 223

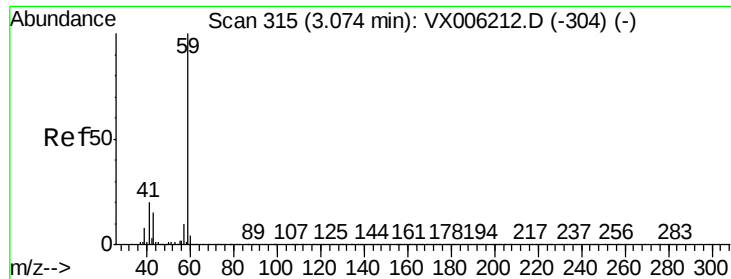
Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Tgt Ion:	142	Resp:	158481
Ion Ratio	Lower	Upper	
142	100		
127	42.6	34.8	52.2
141	13.8	11.4	17.2





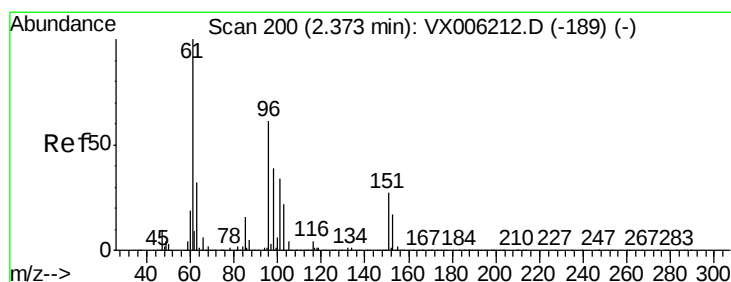
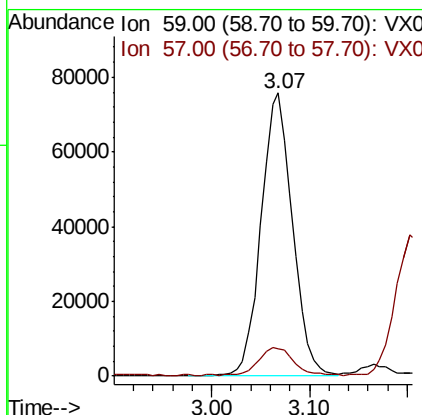
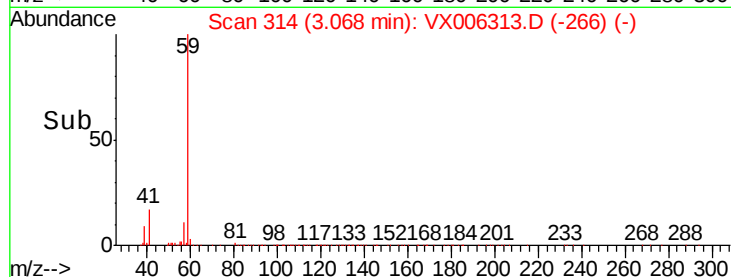
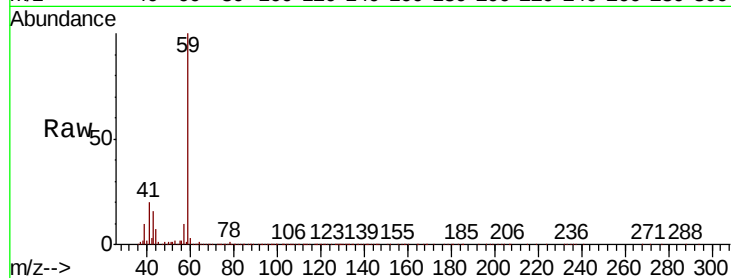
#11
Tert butyl alcohol
Concen: 89.839 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion: 59 Resp: 170383
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2

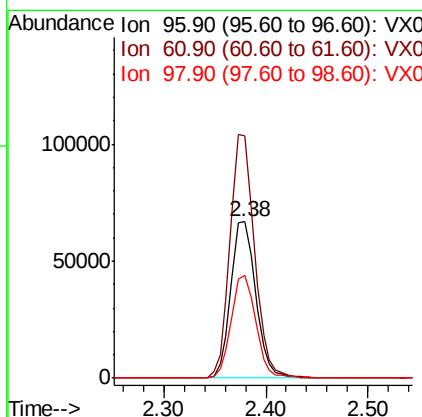
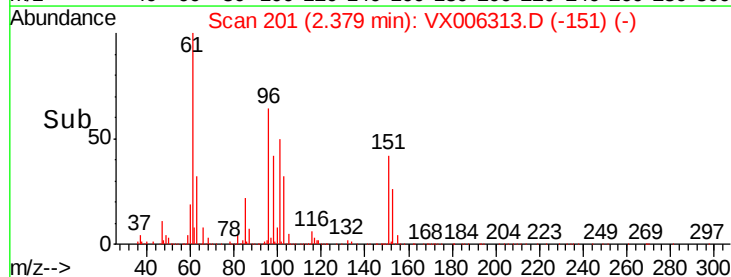
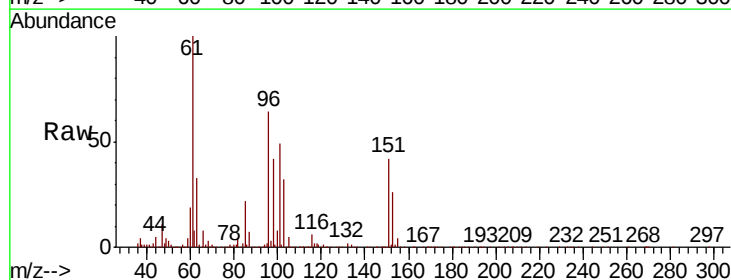
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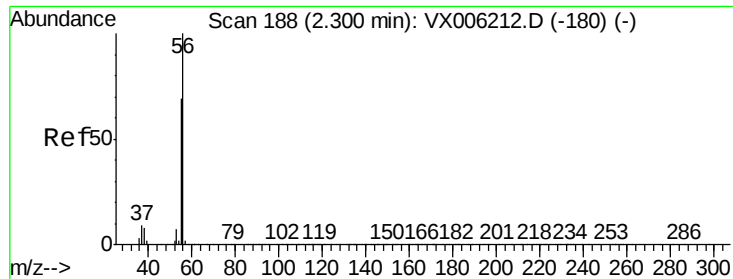
MMDadoda
12/7/2018 11:19:09 AM



#12
1,1-Dichloroethene
Concen: 18.447 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tgt Ion: 96 Resp: 113395
Ion Ratio Lower Upper
96 100
61 155.5 131.7 197.5
98 66.0 51.8 77.6





#13

Acrolein

Concen: 89.128 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

Tot Ion: 56 Resp: 92388

Ion Ratio Lower Upper

56 100

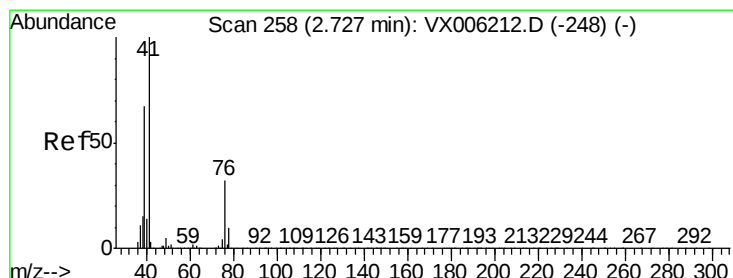
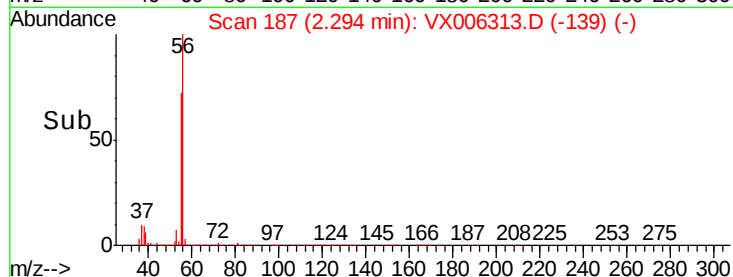
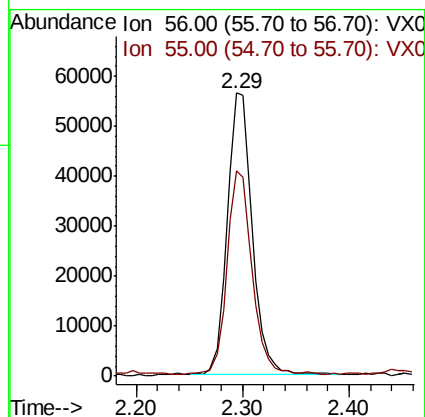
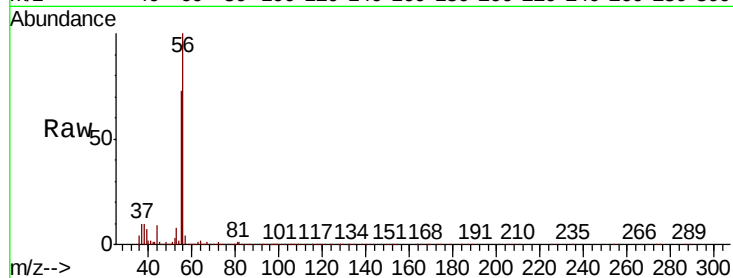
55 72.2 57.8 86.6

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#14

Allyl chloride

Concen: 17.697 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

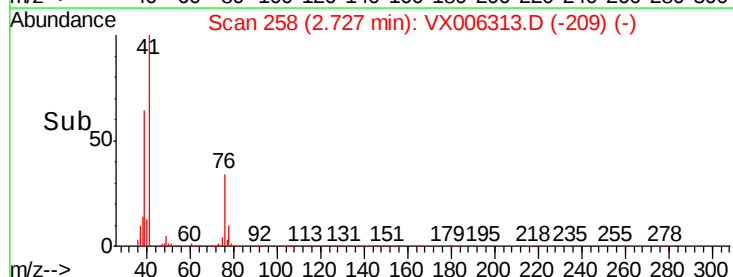
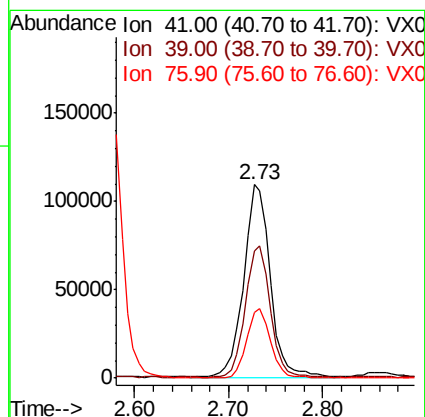
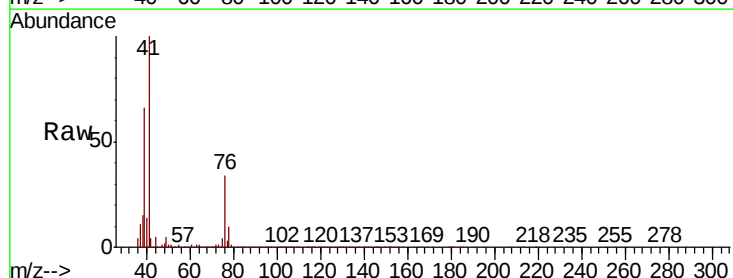
Tgt Ion: 41 Resp: 214890

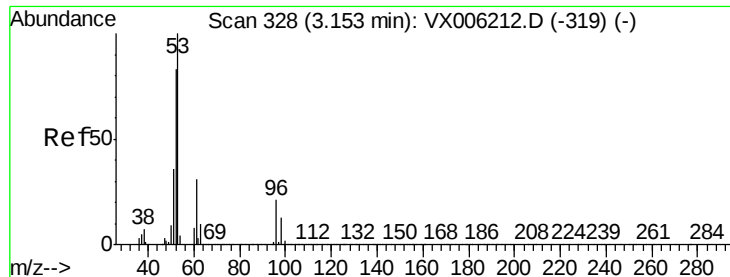
Ion Ratio Lower Upper

41 100

39 64.1 52.4 78.6

76 32.4 25.4 38.0





#15

Acrylonitrile

Concen: 91.897 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

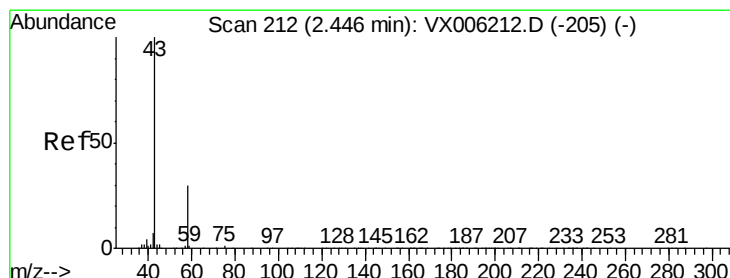
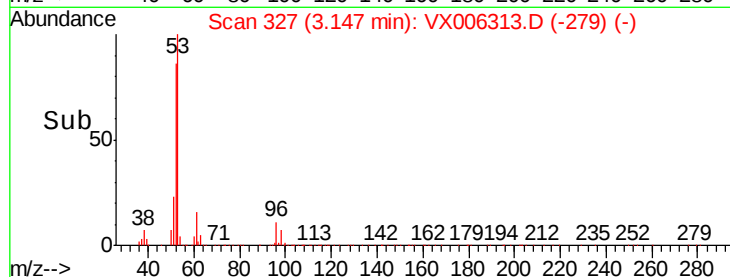
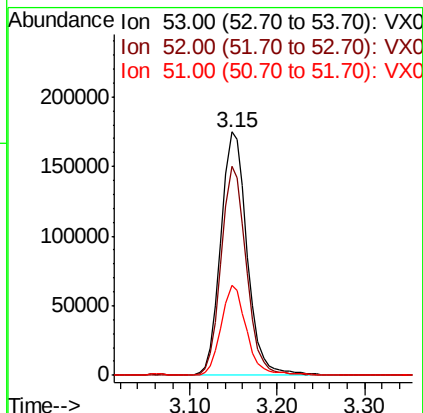
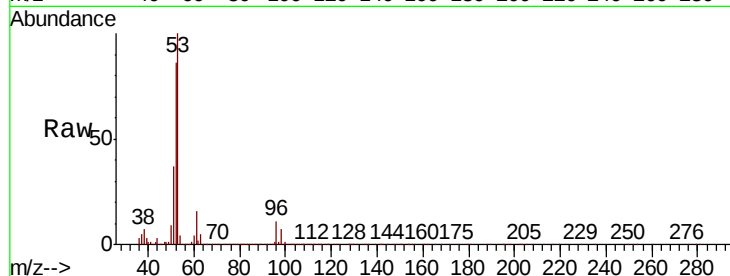
ClientSampleId :

VX1206WBS01

Tot Ion:	53	Resp:	363693
Ion Ratio		Lower	Upper
53	100		
52	82.4	66.2	99.4
51	35.8	28.7	43.1

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#16

Acetone

Concen: 90.802 ug/l

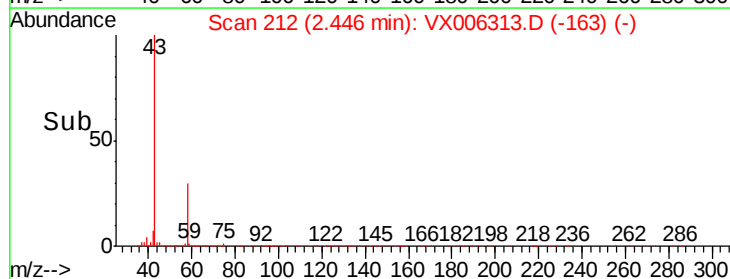
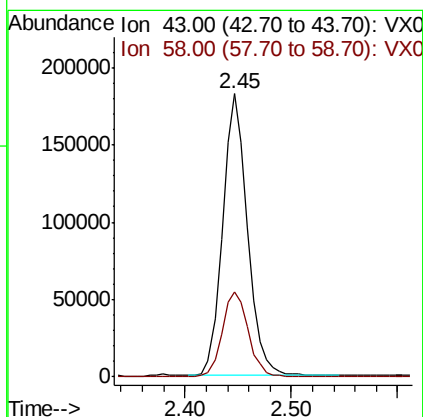
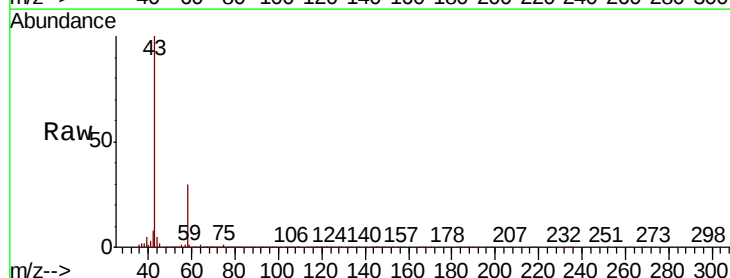
RT: 2.45 min Scan# 212

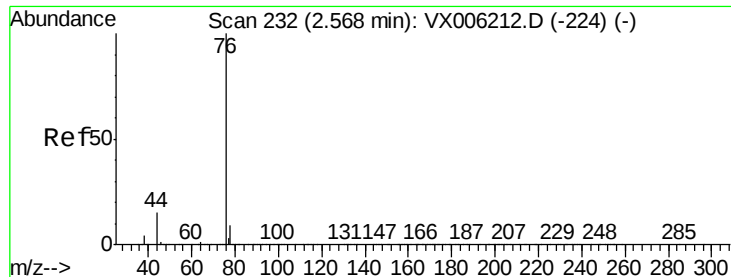
Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Tgt Ion:	43	Resp:	295517
Ion Ratio		Lower	Upper
43	100		
58	30.2	24.0	36.0





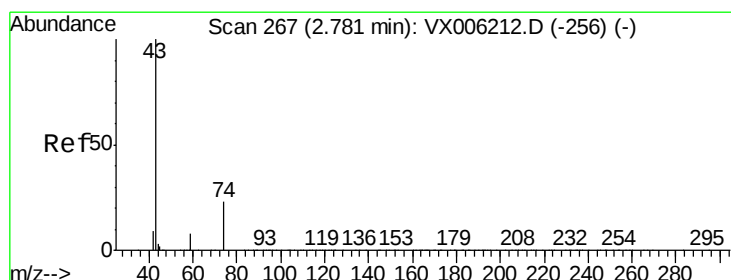
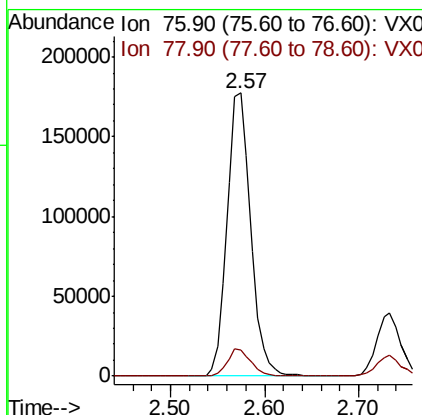
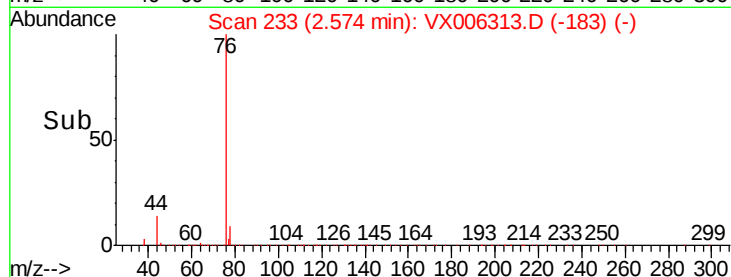
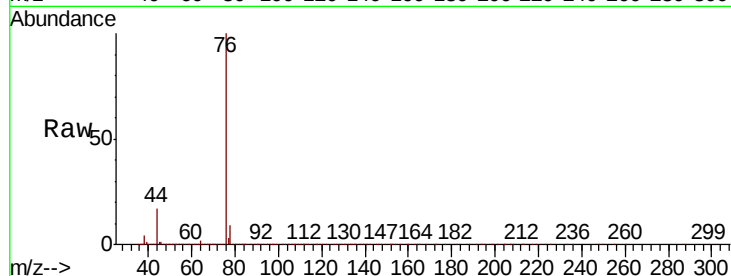
#17
Carbon Disulfide
Concen: 16.293 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

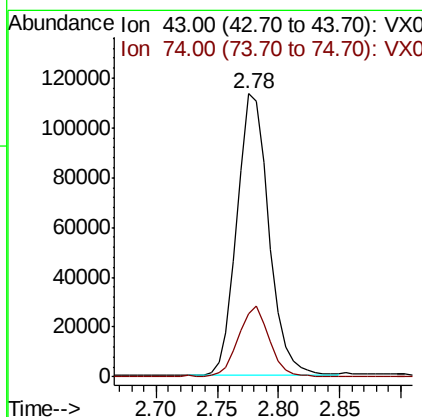
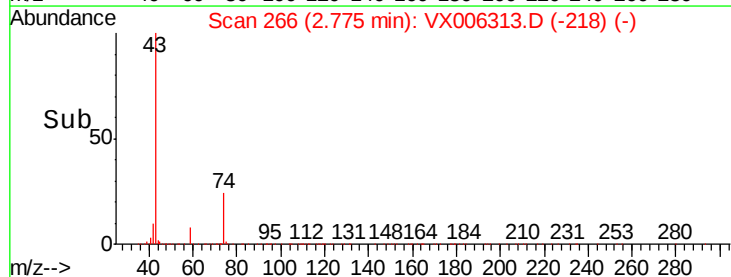
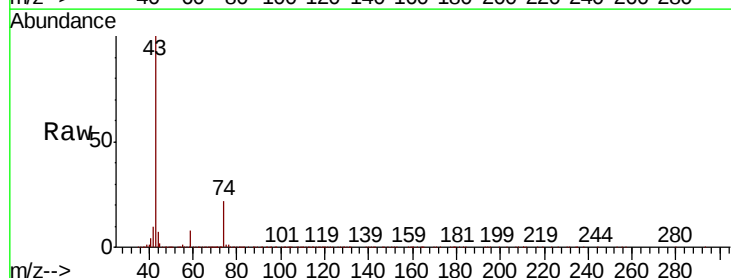
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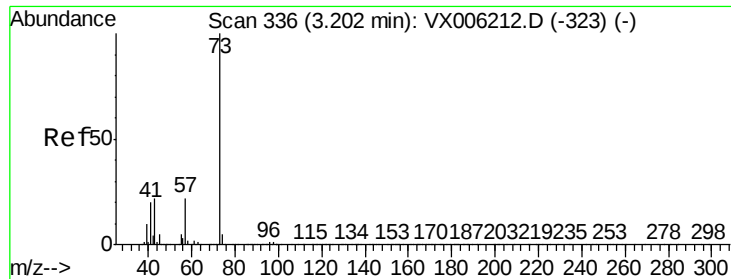
MMDadoda
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#18
Methyl Acetate
Concen: 18.914 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	17.9	26.9





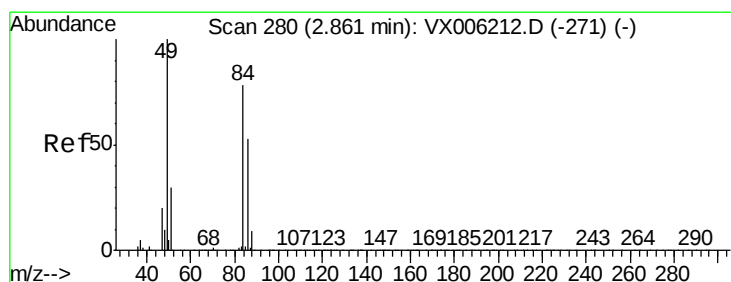
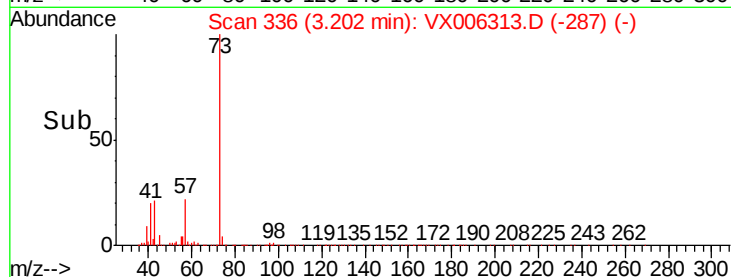
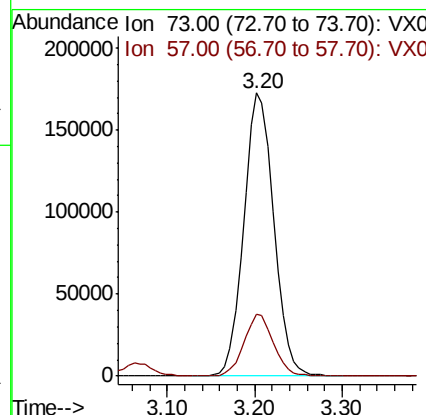
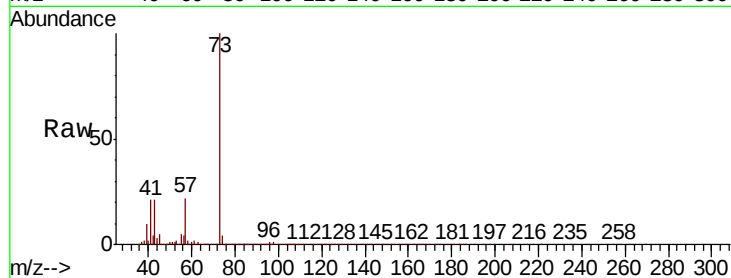
#19
Methvl tert-butvl Ether
Concen: 18.678 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.5	26.3

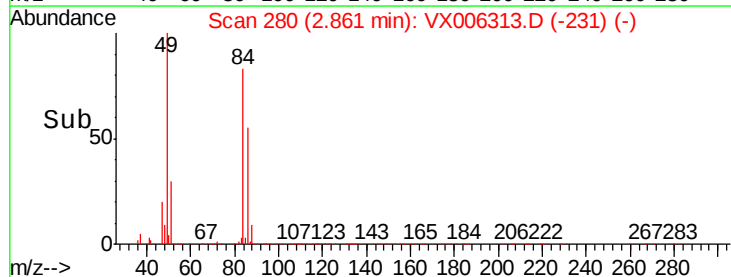
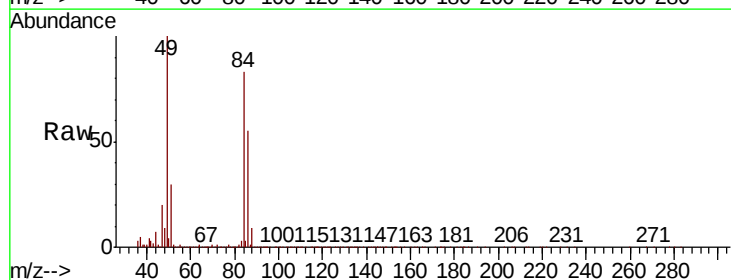
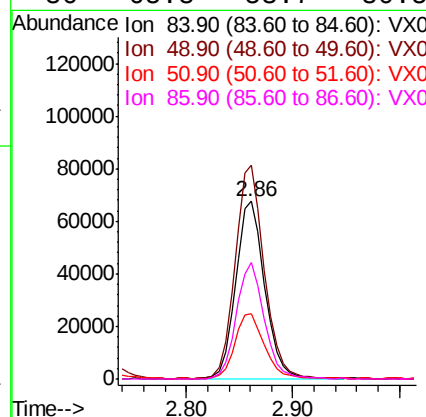
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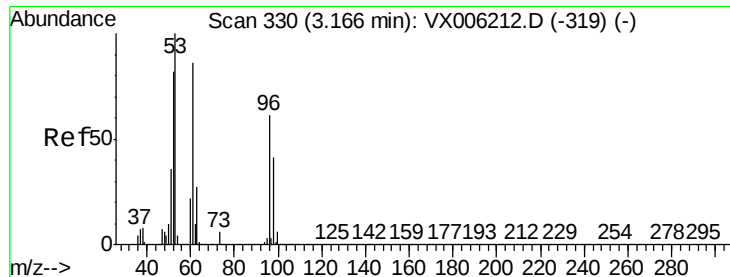
MMDadoda
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#20
Methylene Chloride
Concen: 18.744 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.2	102.2	153.4
51	36.2	31.1	46.7
86	65.8	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 17.888 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

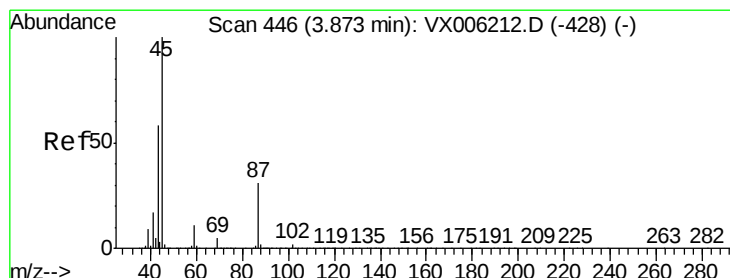
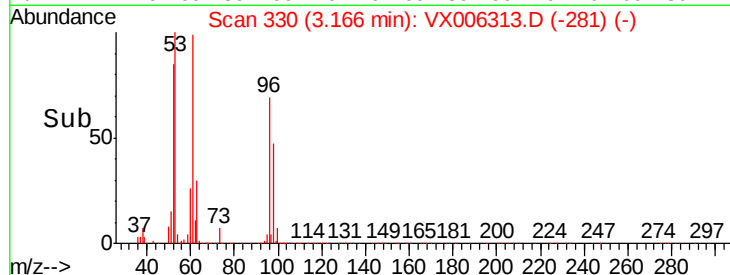
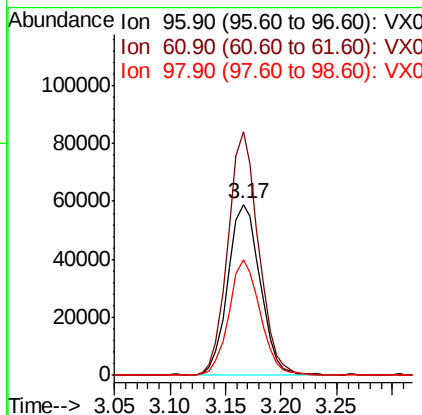
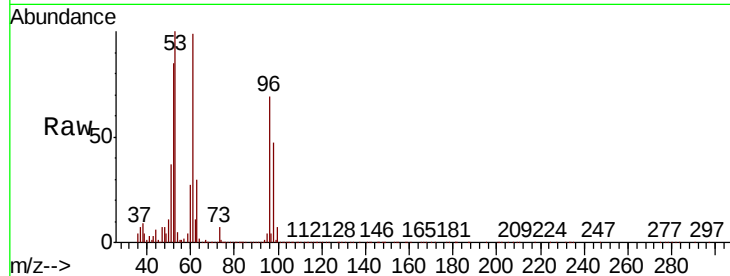
ClientSampleId :

VX1206WBS01

Tot Ion:	96	Resp:	117180
Ion	Ratio	Lower	Upper
96	100		
61	142.4	113.3	169.9
98	67.2	53.2	79.8

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#22

Diisopropyl ether

Concen: 19.240 ug/l

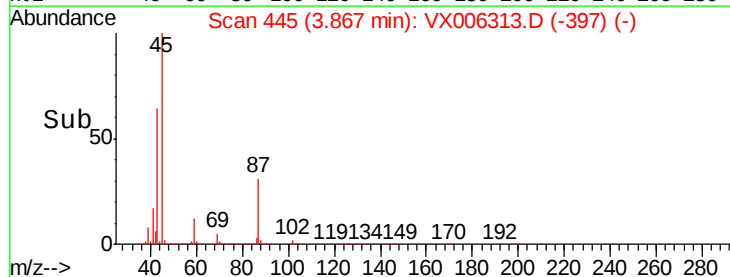
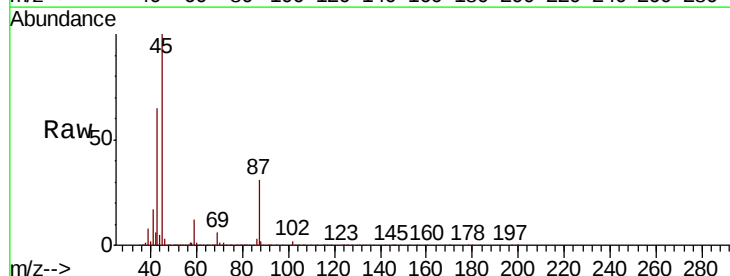
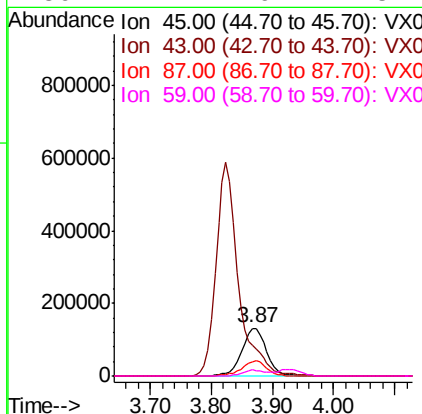
RT: 3.87 min Scan# 445

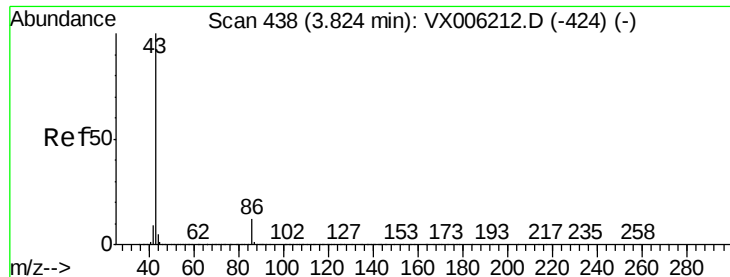
Delta R.T. -0.01 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Tgt Ion:	45	Resp:	364925
Ion	Ratio	Lower	Upper
45	100		
43	64.6	46.2	69.2
87	30.8	24.9	37.3
59	12.2	9.1	13.7





#23

Vinyl Acetate

Concen: 93.658 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

Tot Ion: 43 Resp: 1515100

Ion Ratio Lower Upper

43 100

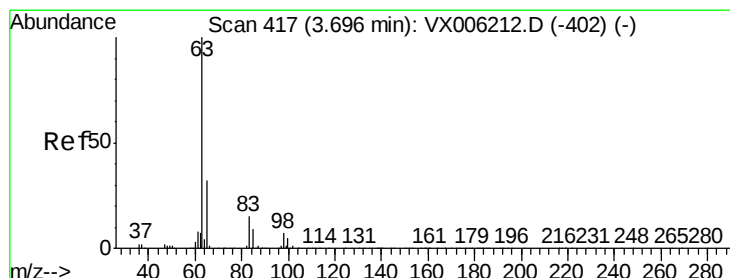
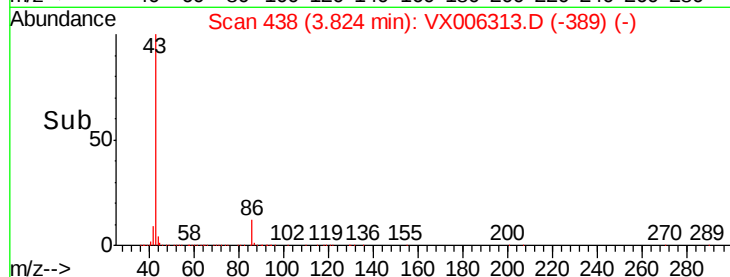
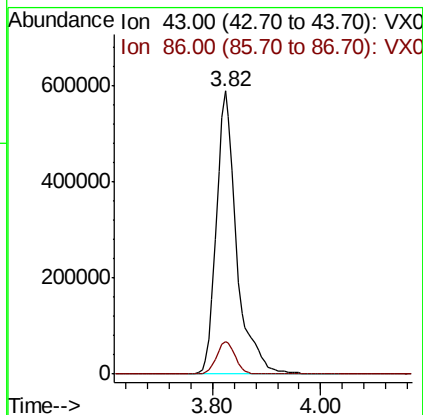
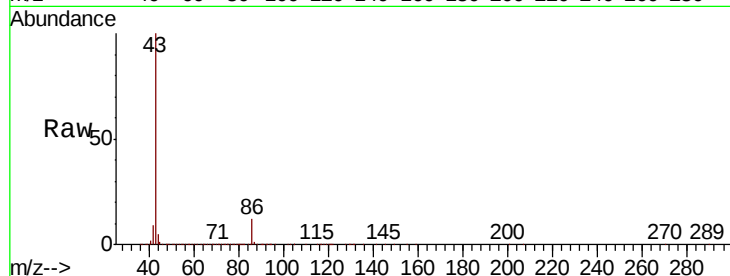
86 11.7 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 19.104 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

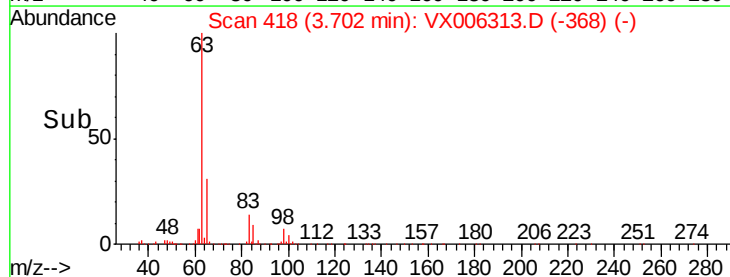
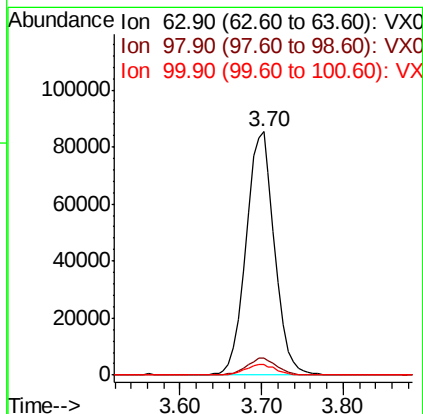
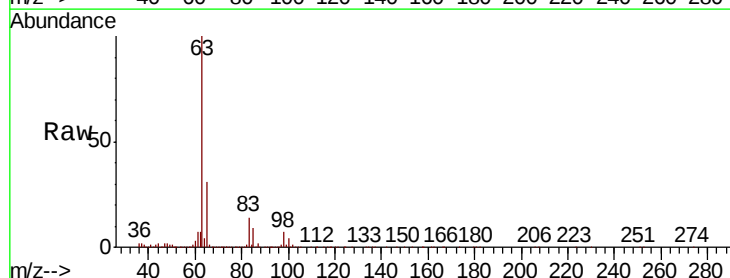
Tgt Ion: 63 Resp: 207105

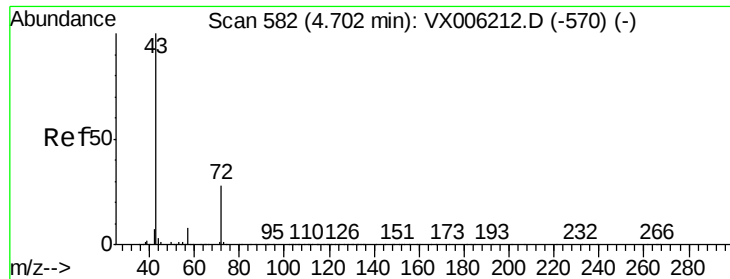
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 94.117 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

Tot Ion: 43 Resp: 437054

Ion Ratio Lower Upper

43 100

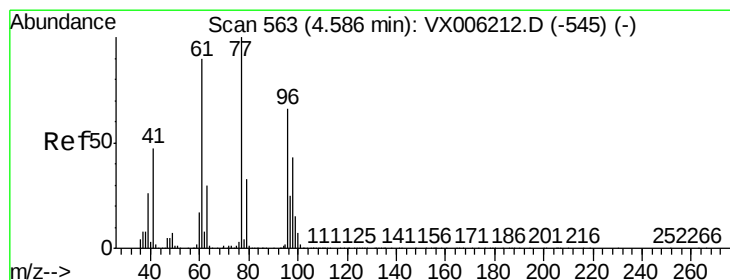
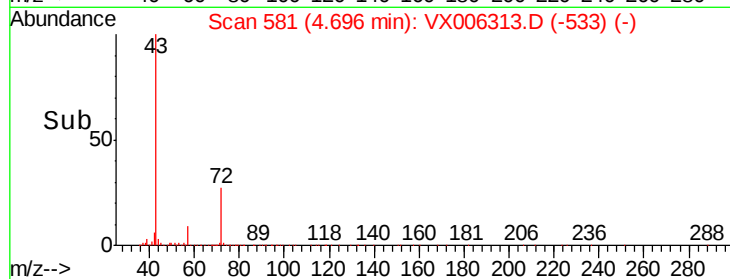
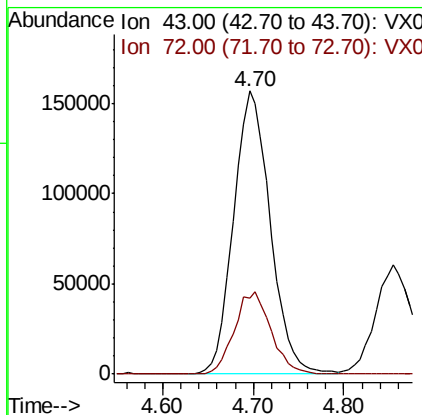
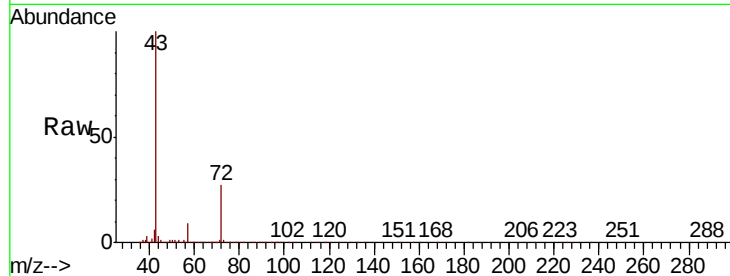
72 26.8 22.6 33.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.042 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006313.D

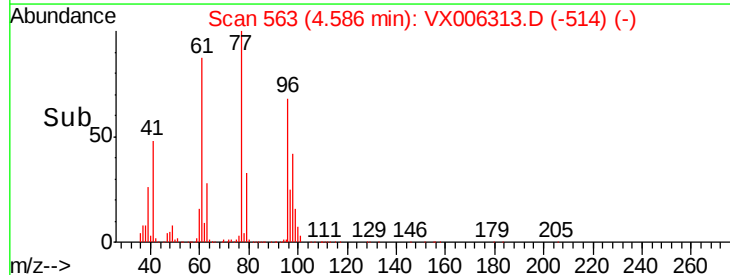
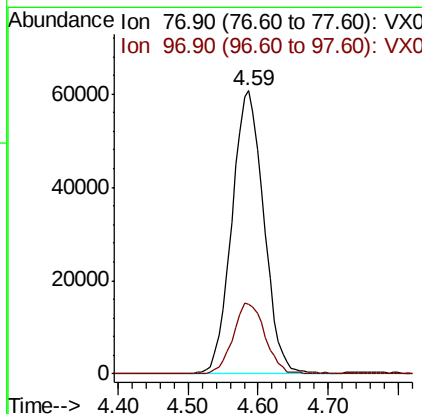
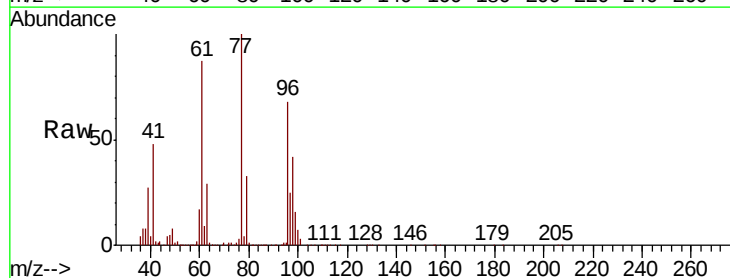
Acq: 06 Dec 2018 12:58

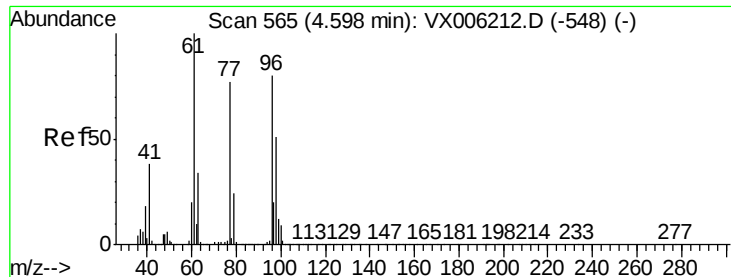
Tgt Ion: 77 Resp: 190515

Ion Ratio Lower Upper

77 100

97 25.2 12.3 36.8





#27

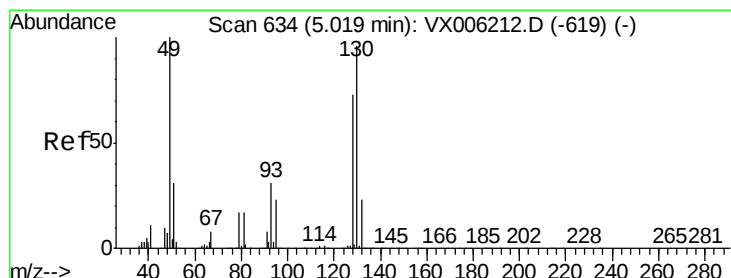
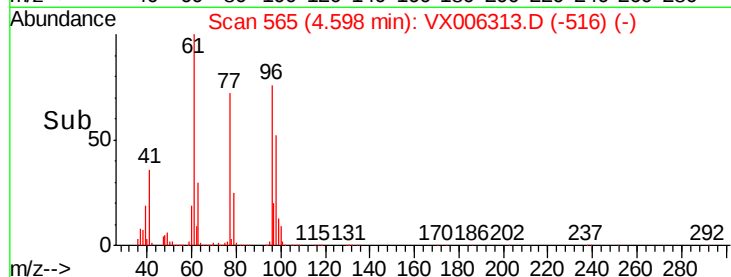
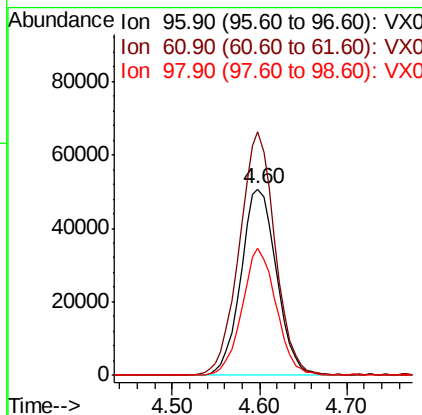
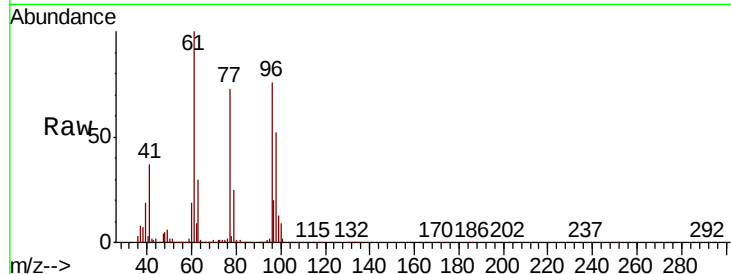
cis-1,2-Dichloroethene
Concen: 19.642 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.0	0.0	265.0
98	65.1	0.0	130.2

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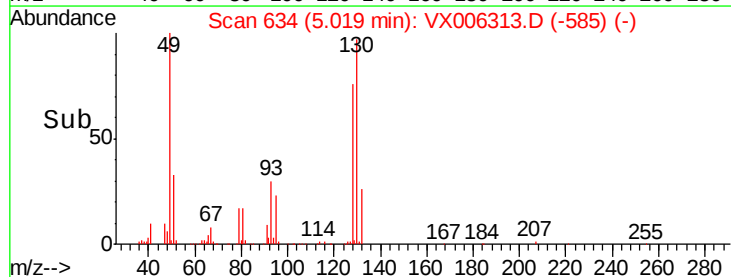
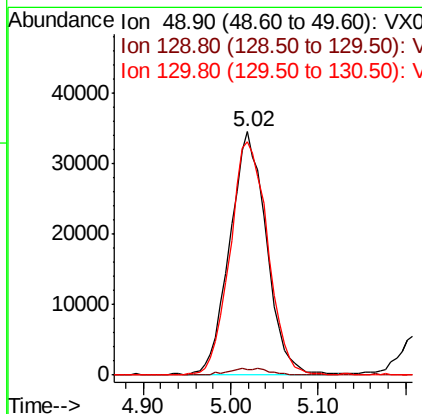
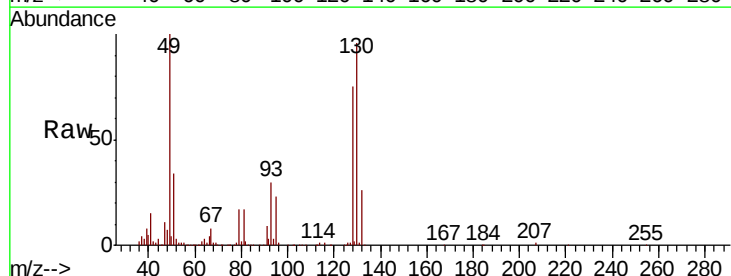
MMDadoda
12/7/2018 11:19:09 AM

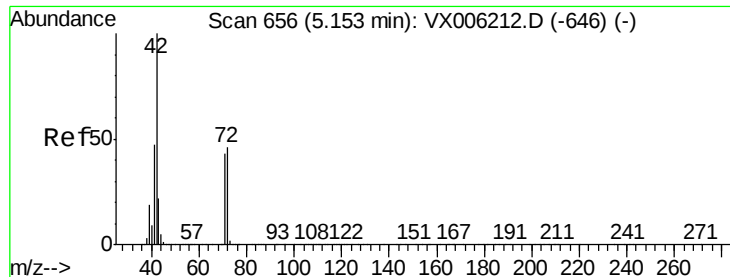


#28

Bromochloromethane
Concen: 21.245 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	98.7	78.3	117.5





#29

Tetrahydrofuran

Concen: 92.492 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

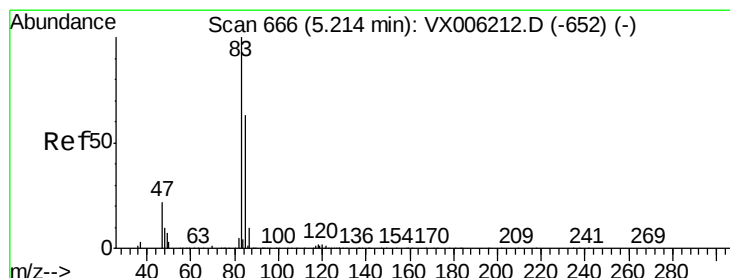
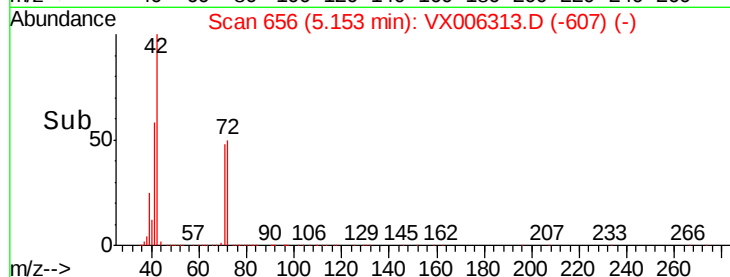
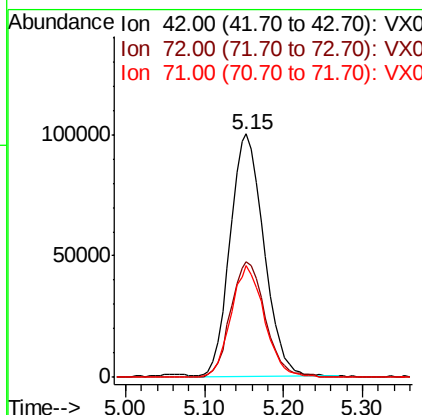
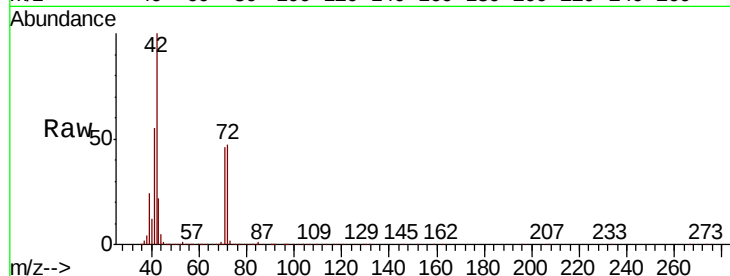
ClientSampleId :

VX1206WBS01

Tot Ion:	42	Resp:	298506
Ion Ratio		Lower	Upper
42	100		
72	48.9	37.8	56.8
71	45.7	35.2	52.8

Manual Integrations
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#30

Chloroform

Concen: 19.794 ug/l

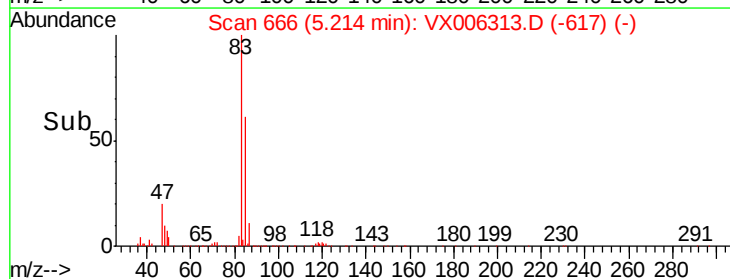
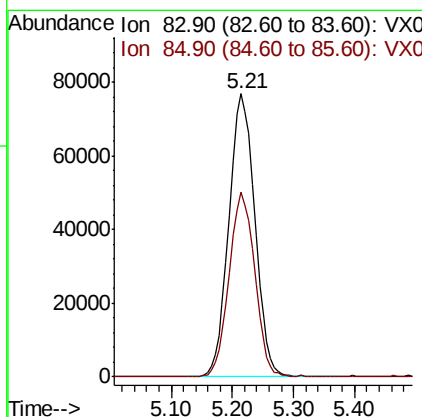
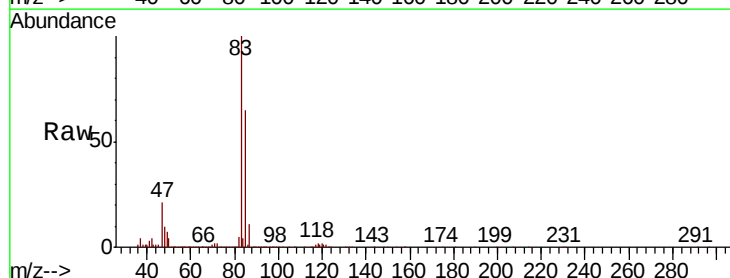
RT: 5.21 min Scan# 666

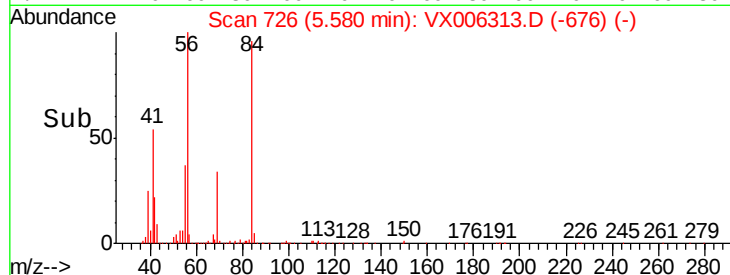
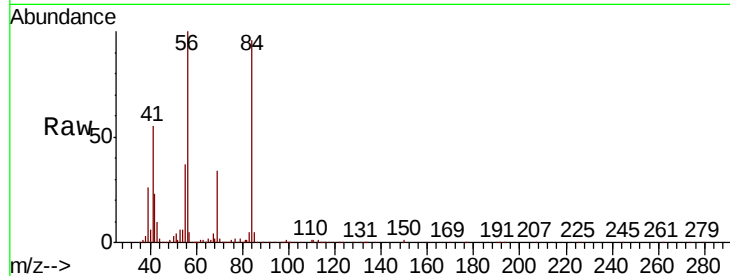
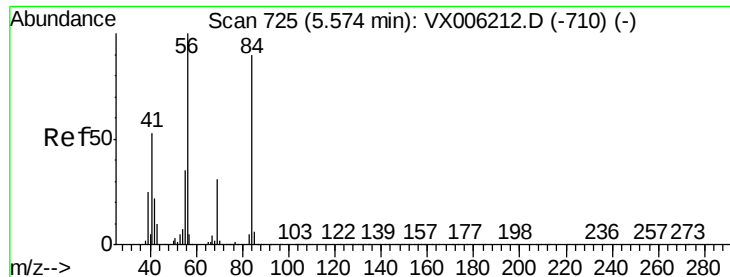
Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Tgt Ion:	83	Resp:	225497
Ion Ratio		Lower	Upper
83	100		
85	65.4	50.3	75.5





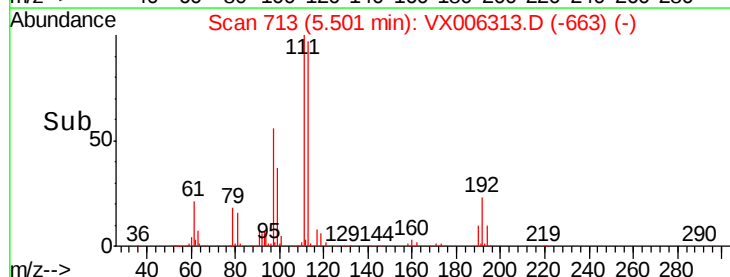
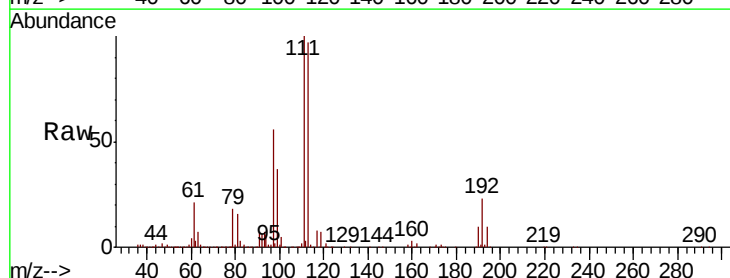
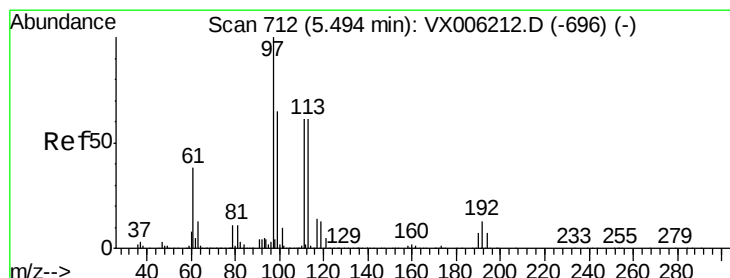
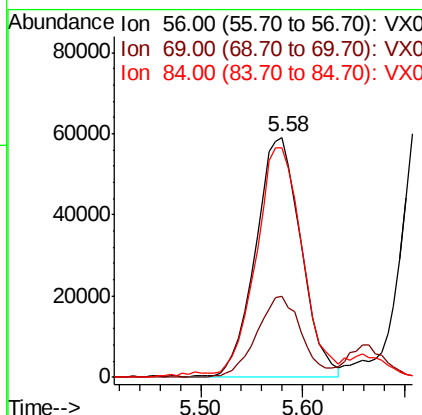
#31
Cyclohexane
Concen: 18.048 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.5	24.5	36.7
84	94.7	71.8	107.6

Instrument :
MSVOA_X
ClientSampled :
VX1206WBS01

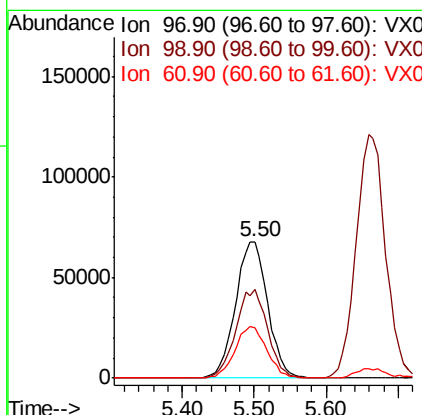
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 19.384 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	37.9	30.6	46.0





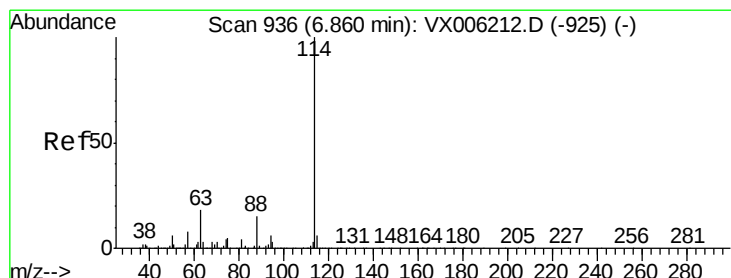
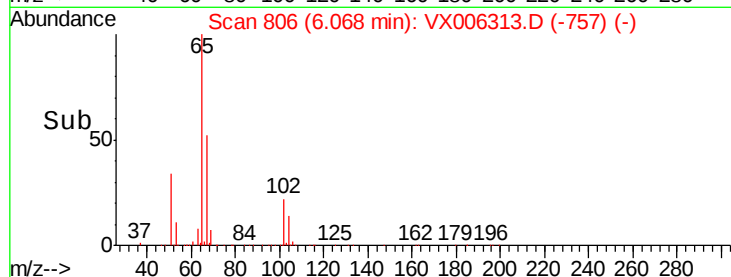
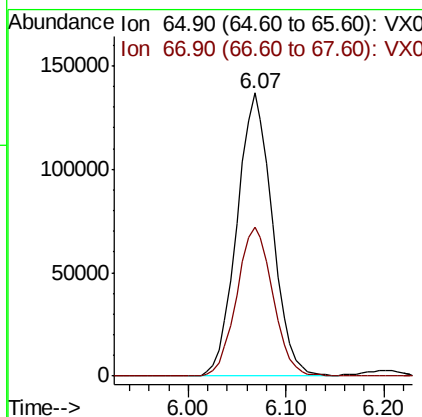
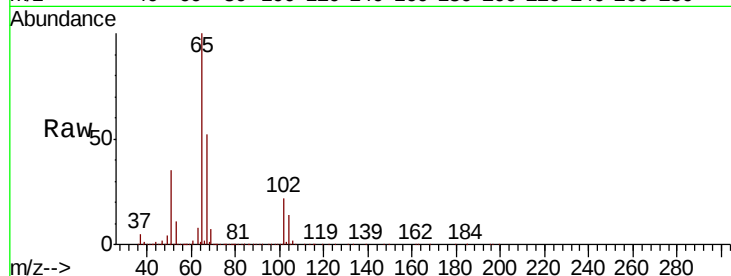
#33
 1,2-Dichloroethane-d4
 Concen: 49.420 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006313.D
 Acq: 06 Dec 2018 12:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	107.2

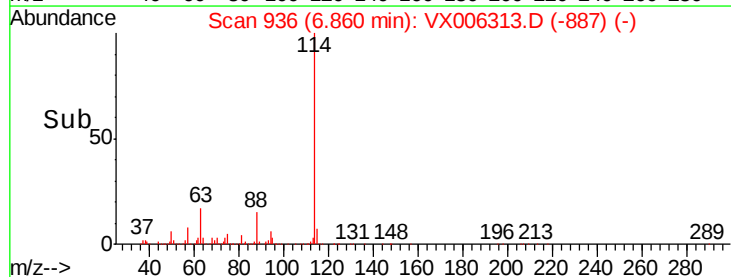
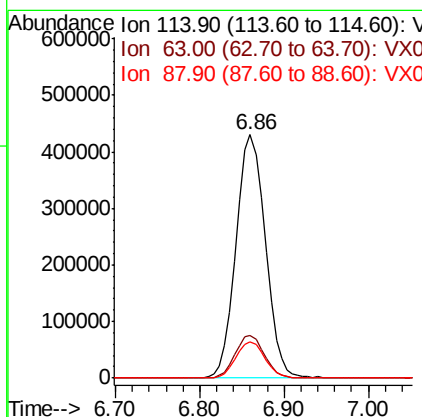
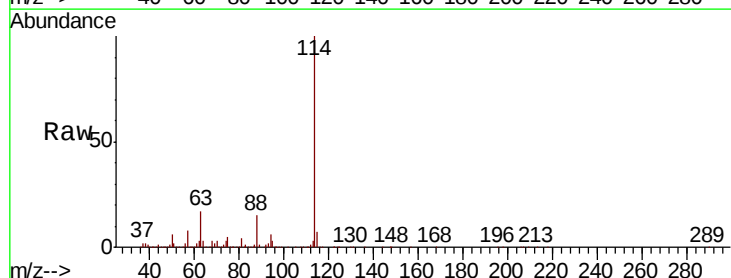
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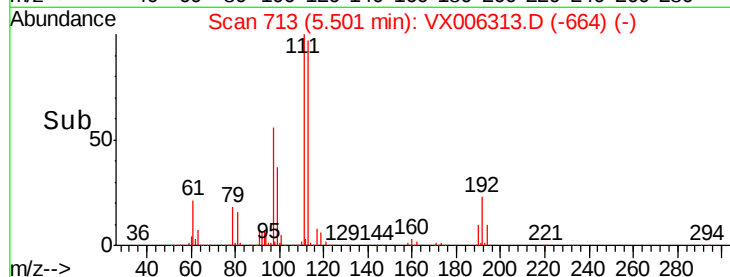
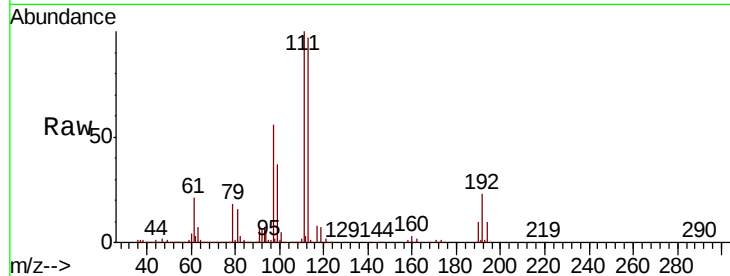
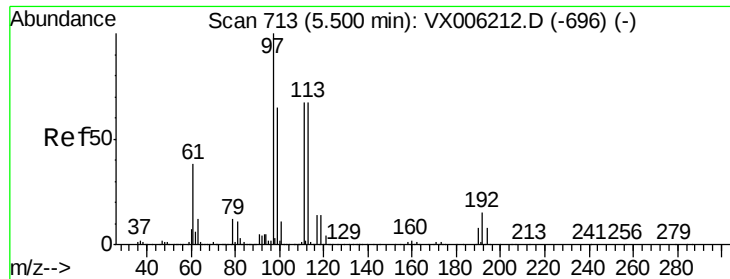
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 12/7/2018 11:19:09 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006313.D
 Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	36.6
88	15.0	0.0	29.0





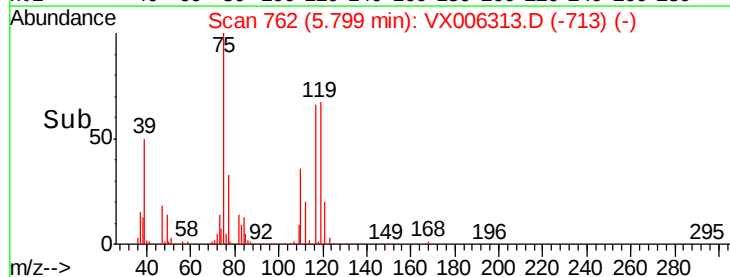
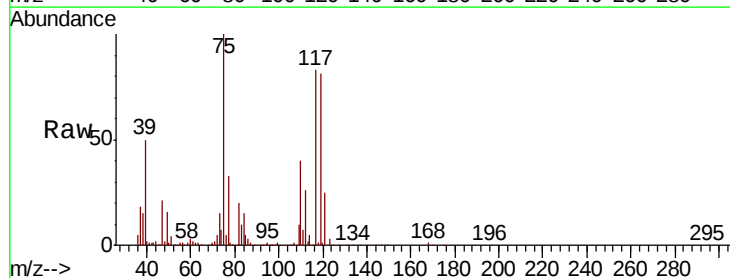
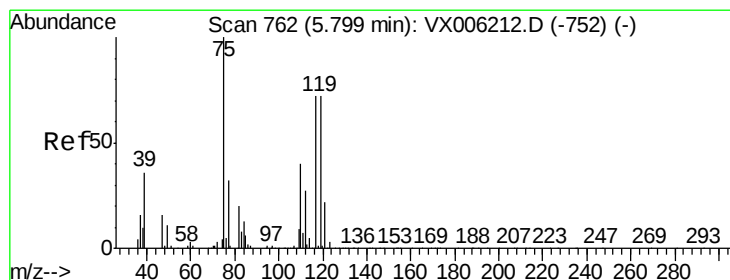
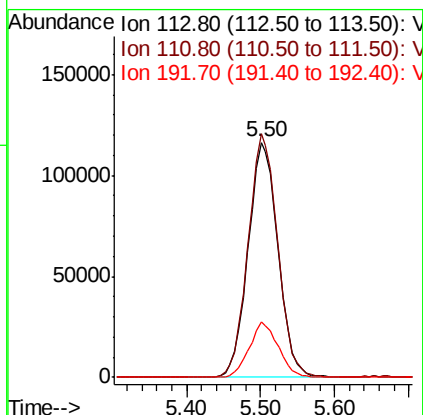
#35
Dibromofluoromethane
Concen: 49.745 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.1	121.7
192	22.9	18.2	27.2

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

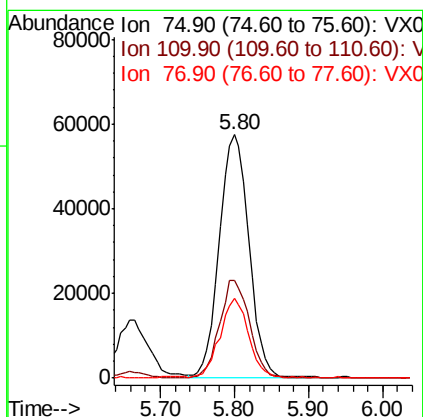
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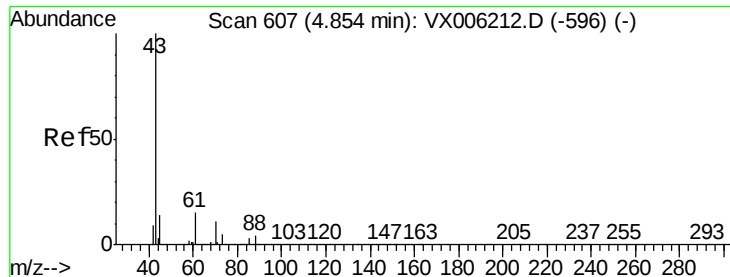
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#36
1,1-Dichloropropene
Concen: 18.599 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.8	20.4	61.3
77	30.9	24.9	37.3





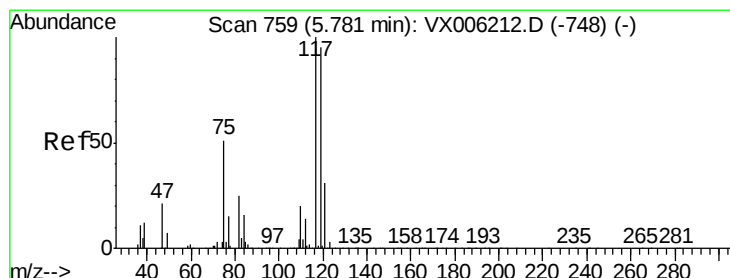
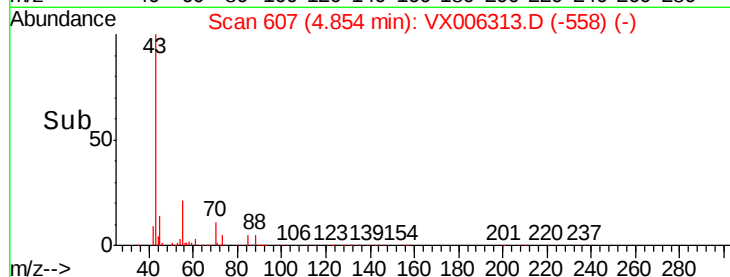
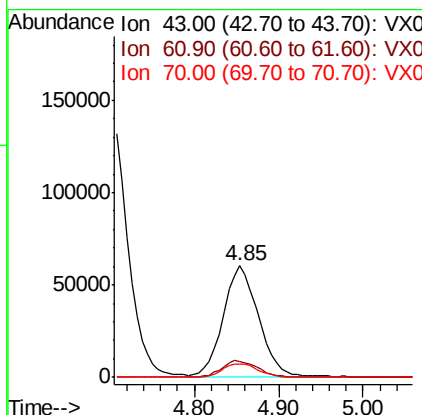
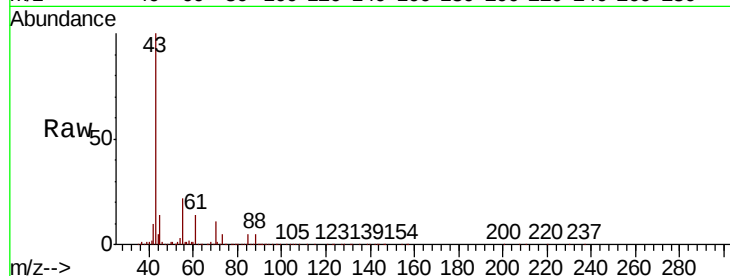
#37
Ethyl Acetate
Concen: 17.839 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	12.6	9.0	13.6

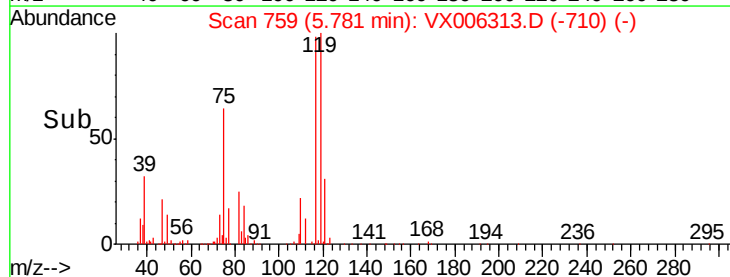
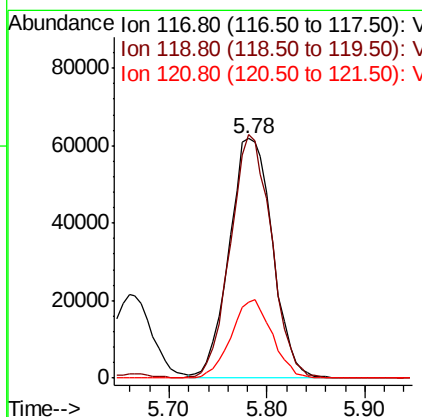
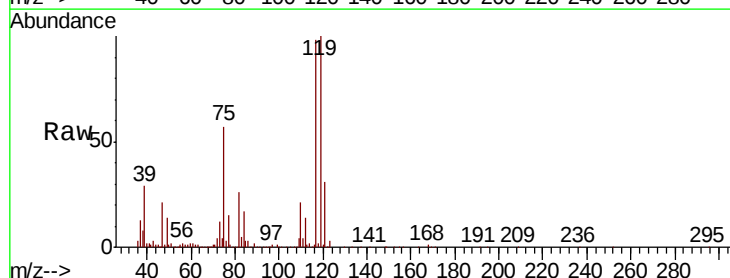
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#38
Carbon Tetrachloride
Concen: 18.755 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.6	75.8	113.8
121	31.6	24.6	37.0





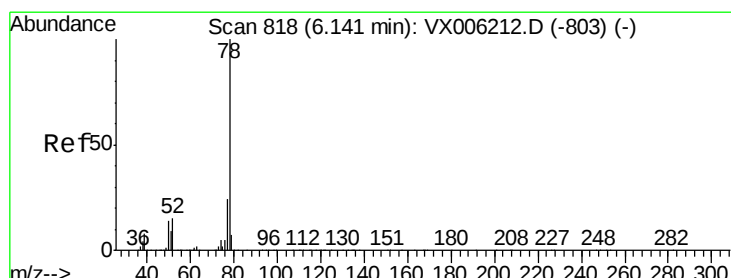
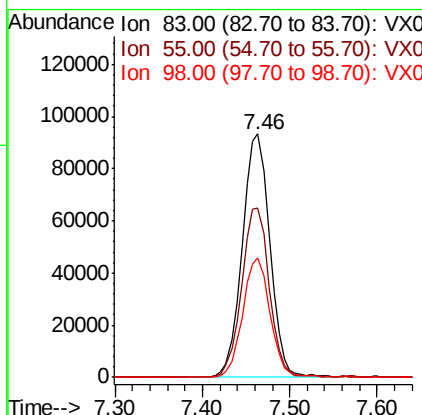
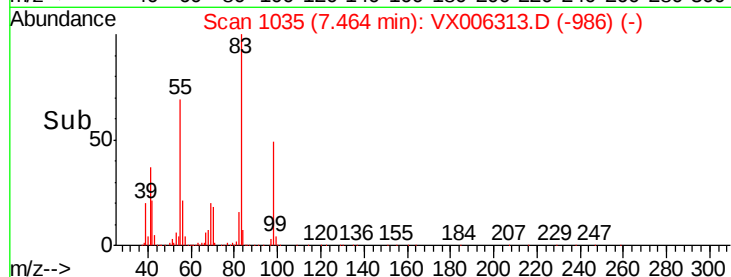
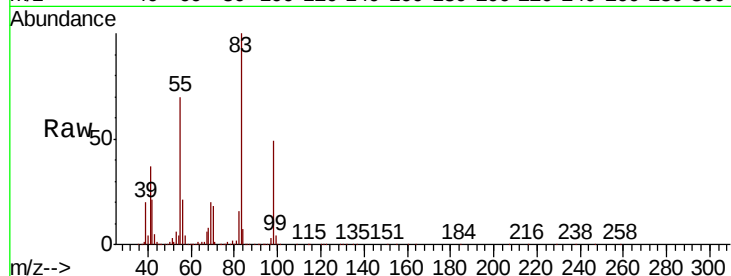
#39
Methvlcvclohexane
Concen: 18.404 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.4	56.4	84.6
98	48.9	39.0	58.6

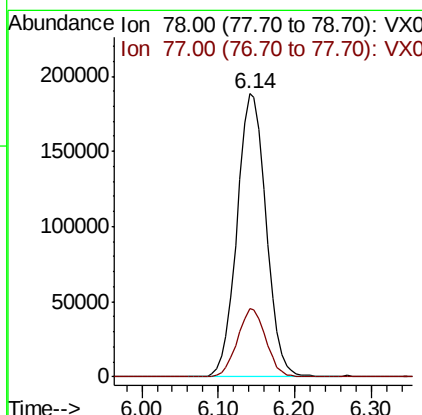
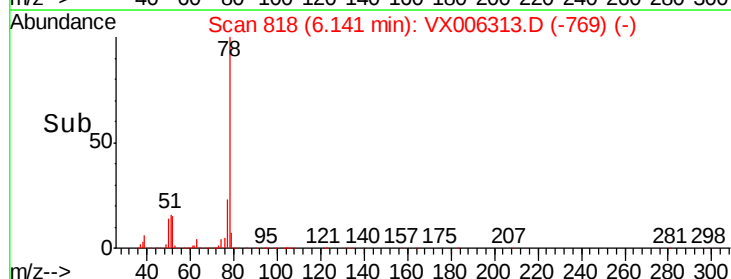
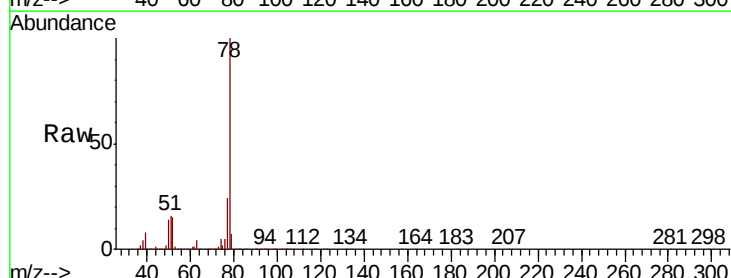
Manual Integrations
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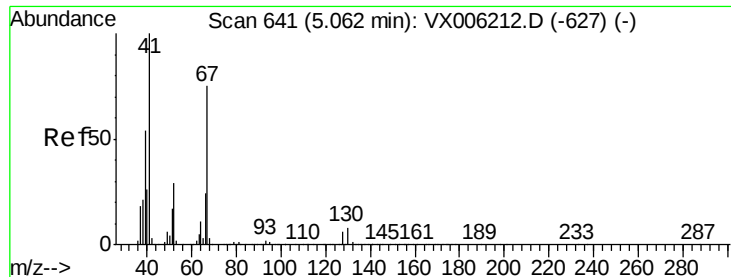
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#40
Benzene
Concen: 19.406 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8





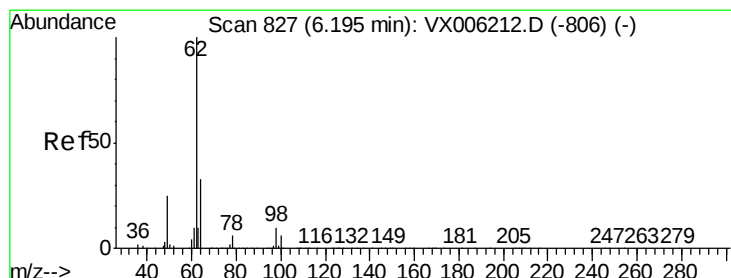
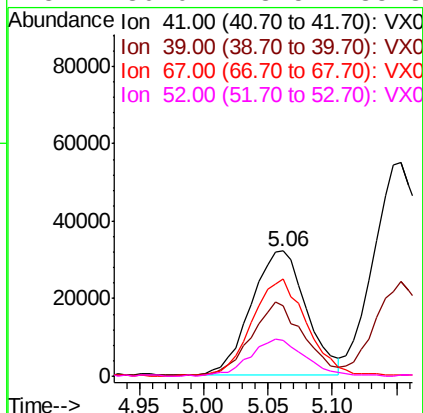
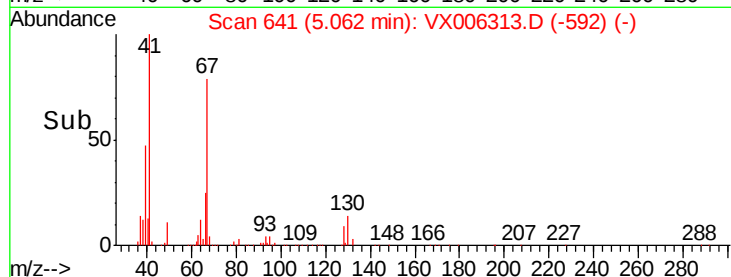
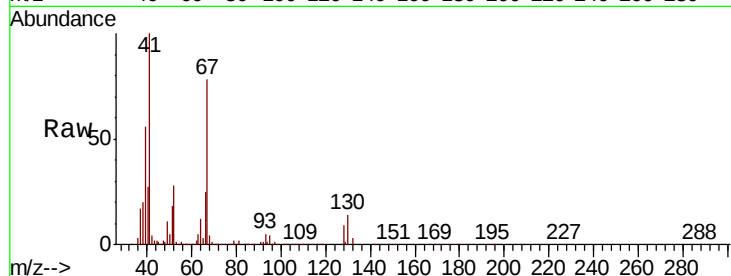
#41
Methacrylonitrile
Concen: 18.214 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.0	44.0	66.0	
67	78.4	61.4	92.0	
52	30.0	23.5	35.3	

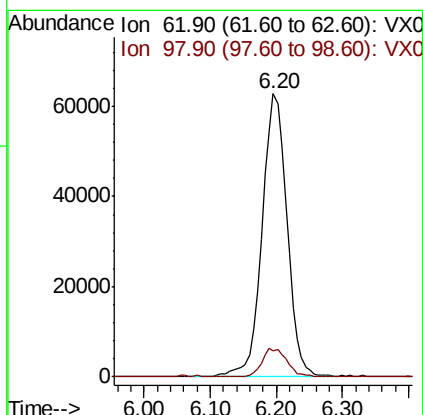
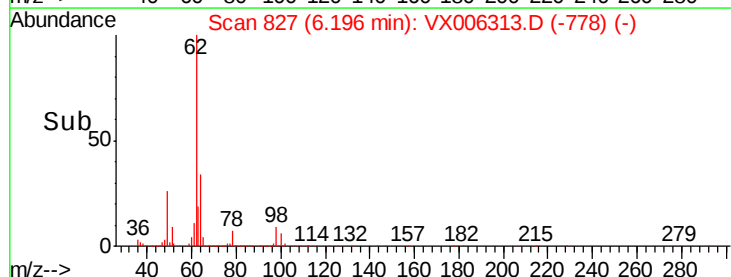
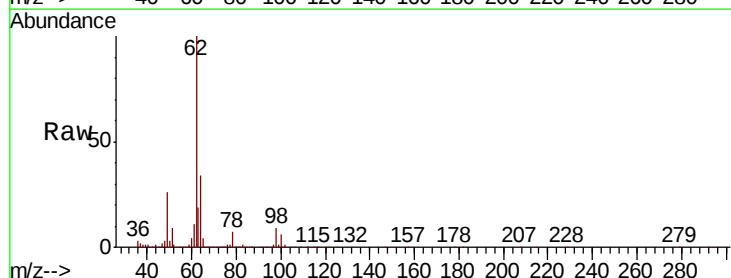
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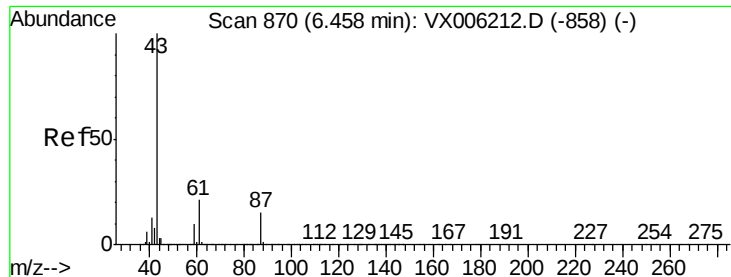
MMDadoda
12/7/2018 11:19:09 AM



#42
1,2-Dichloroethane
Concen: 19.723 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	20.2	





#43

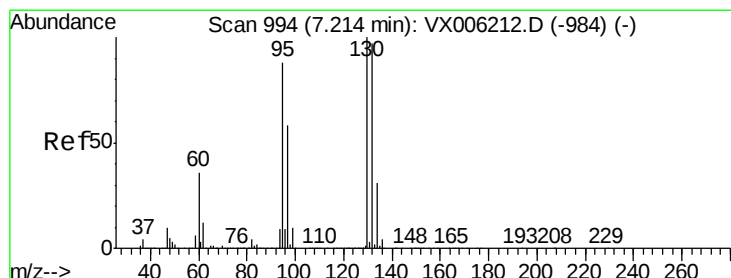
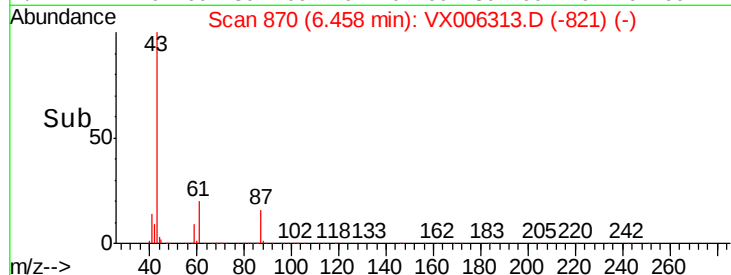
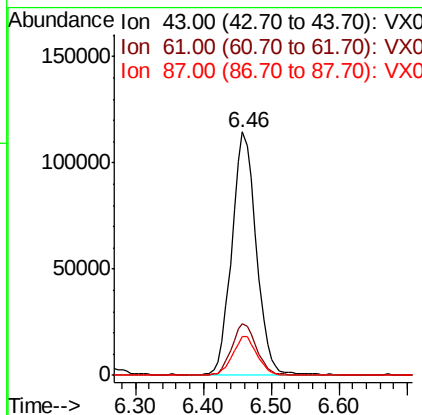
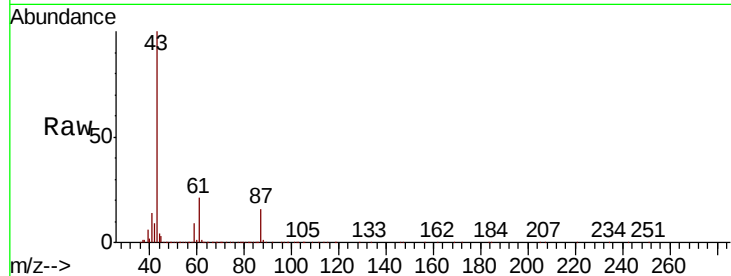
Isopropyl Acetate
 Concen: 17.770 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006313.D
 Acq: 06 Dec 2018 12:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.6	16.8	25.2
87	16.1	11.9	17.9

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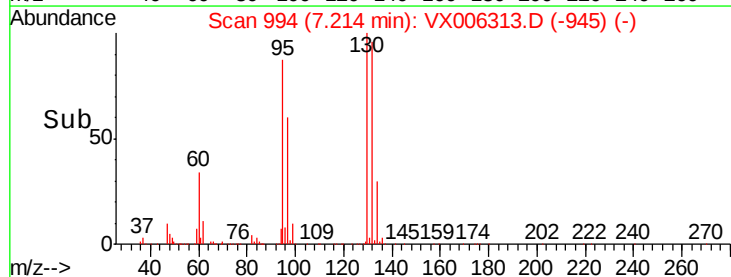
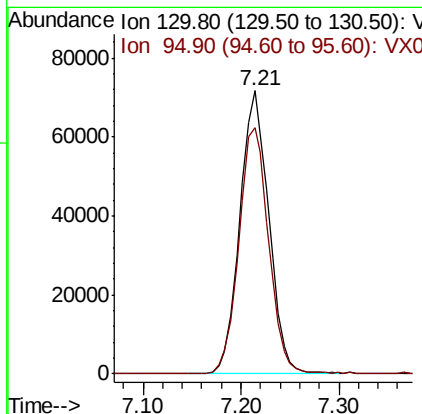
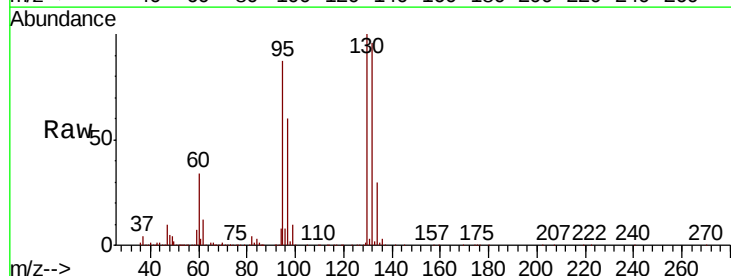
MMDadoda
 12/7/2018 11:19:09 AM



#44

Trichloroethene
 Concen: 19.045 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006313.D
 Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.9	0.0	175.8





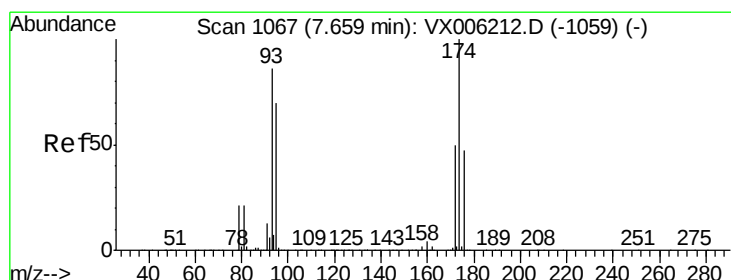
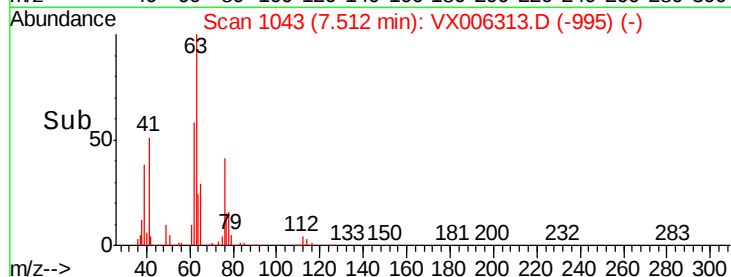
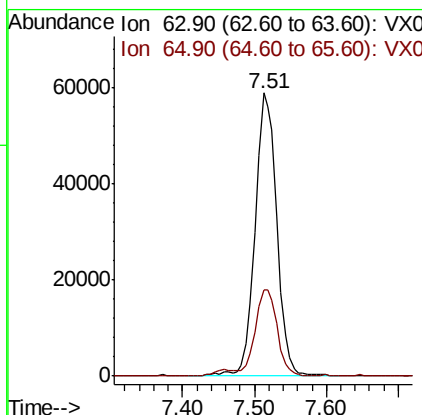
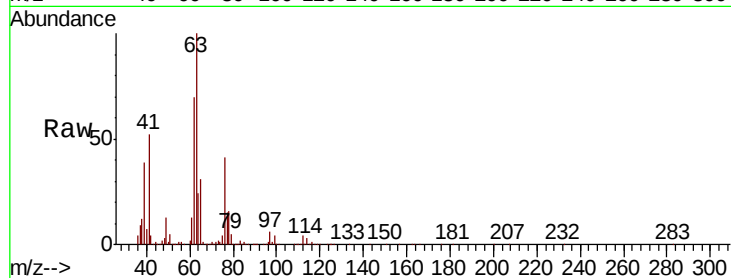
#45
 1,2-Dichloropropane
 Concen: 19.071 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX006313.D
 Acq: 06 Dec 2018 12:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.3	36.5

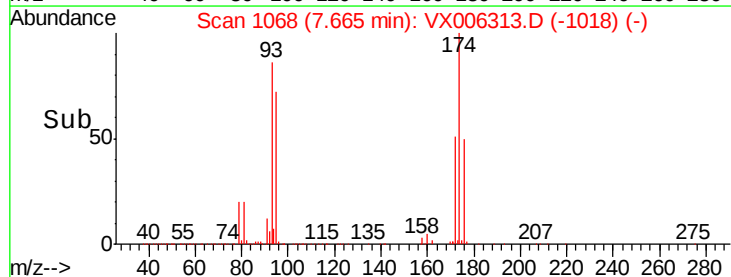
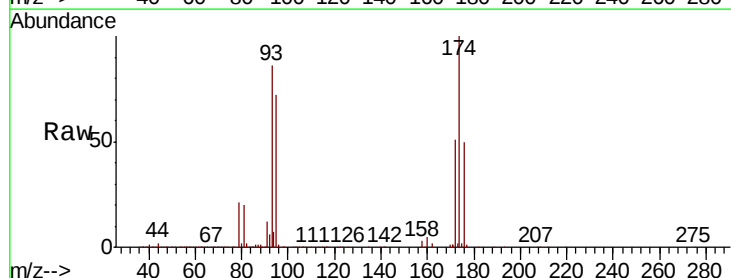
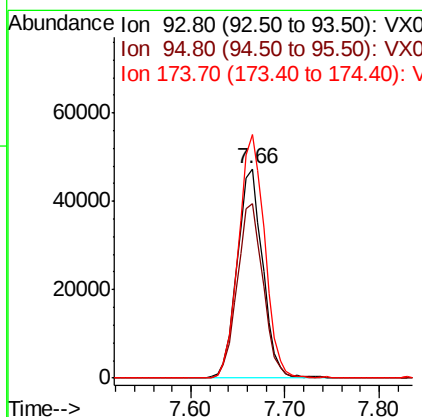
Manual Integrations
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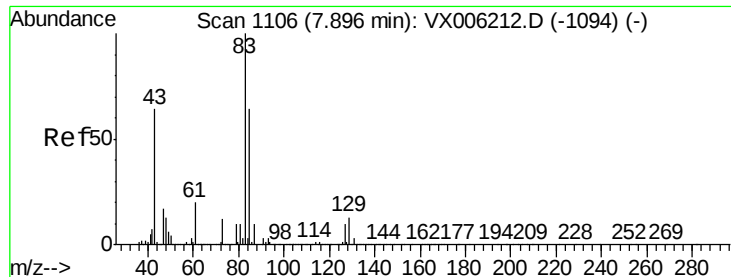
MMDadoda
 12/7/2018 11:19:09 AM



#46
 Dibromomethane
 Concen: 19.077 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006313.D
 Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.8	66.2	99.4
174	119.2	97.2	145.8





#47

Bromodichloromethane

Concen: 18.687 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

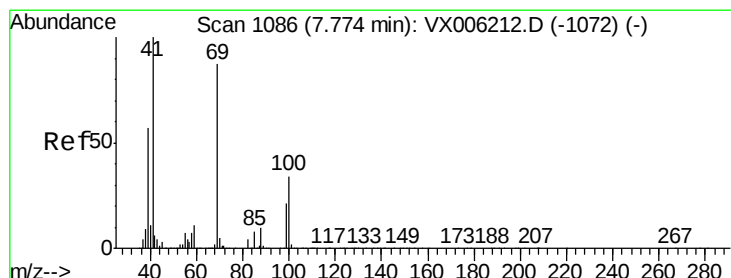
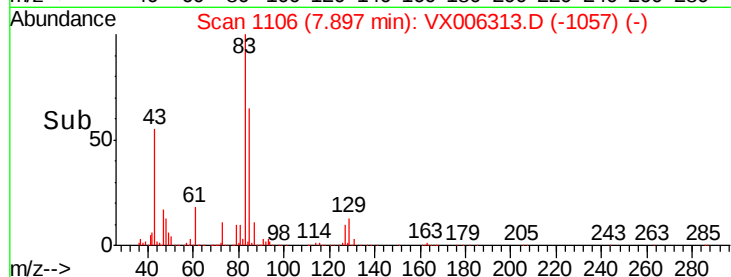
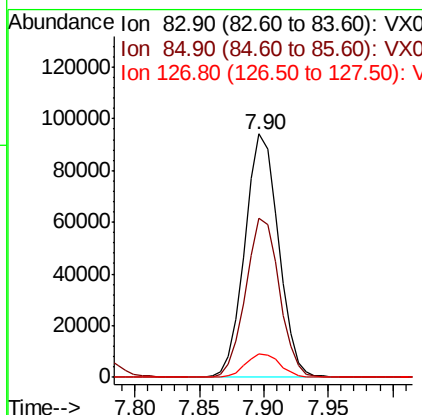
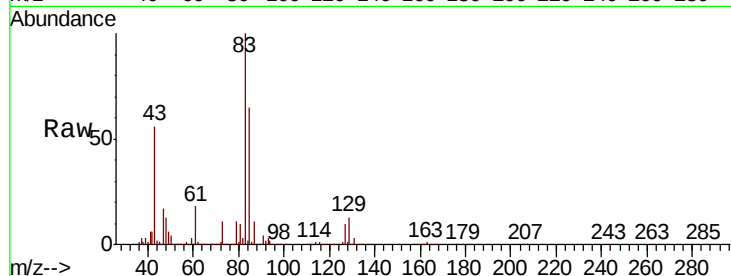
ClientSampleId :

VX1206WBS01

Tot Ion:	83	Resp:	170060
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.4	77.0
127	9.8	7.9	11.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.999 ug/l

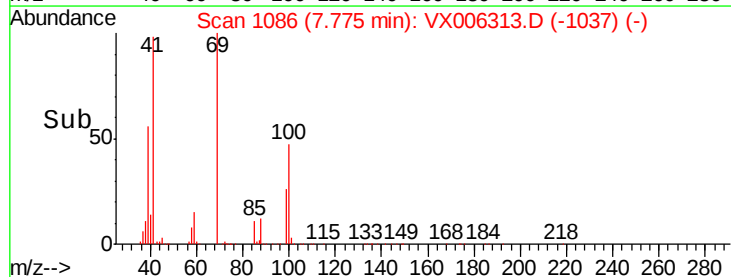
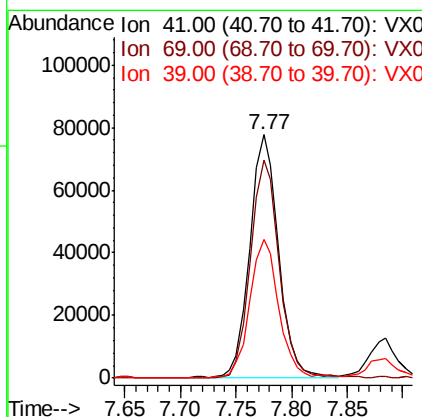
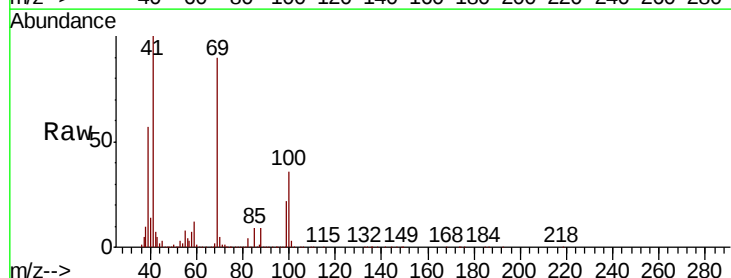
RT: 7.77 min Scan# 1086

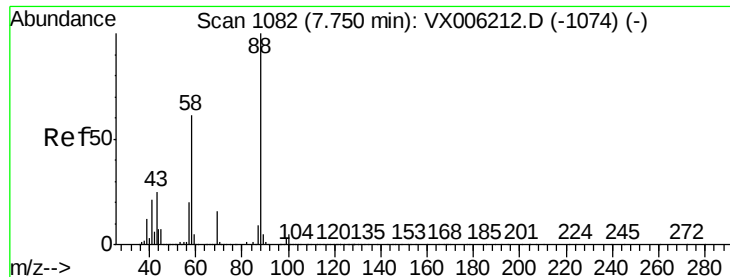
Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Tgt Ion:	41	Resp:	139755
Ion	Ratio	Lower	Upper
41	100		
69	90.0	70.3	105.5
39	57.0	45.3	67.9





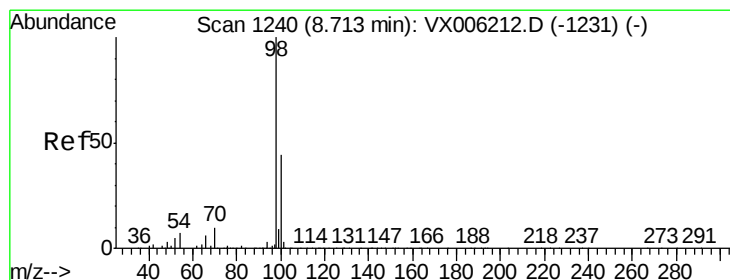
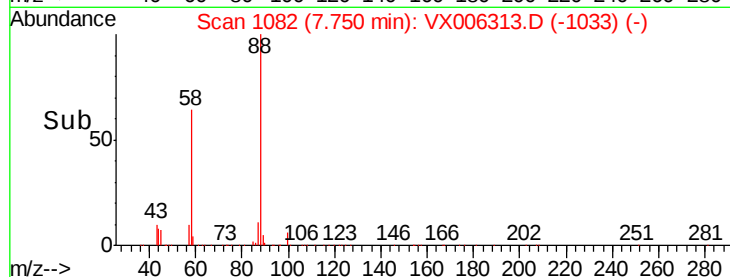
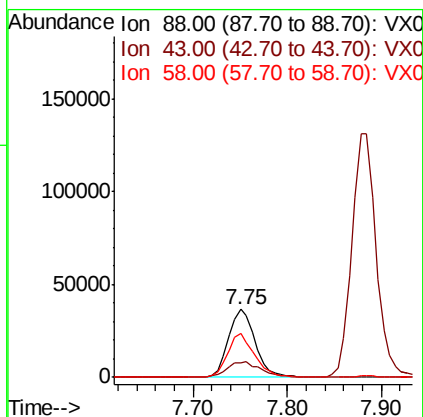
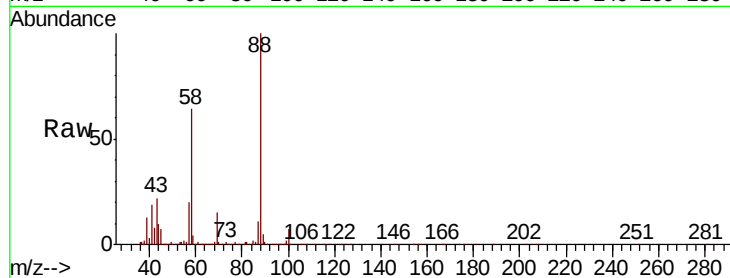
#49
1,4-Dioxane
Concen: 378.921 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.8	23.2	34.8
58	65.1	51.4	77.0

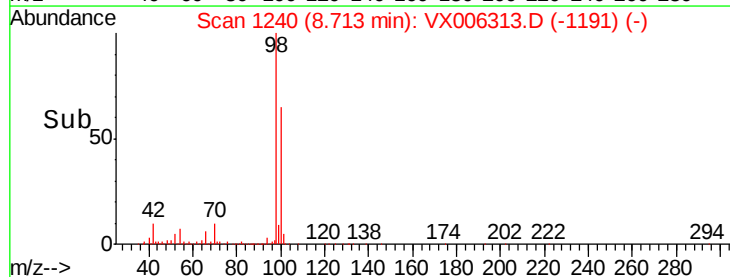
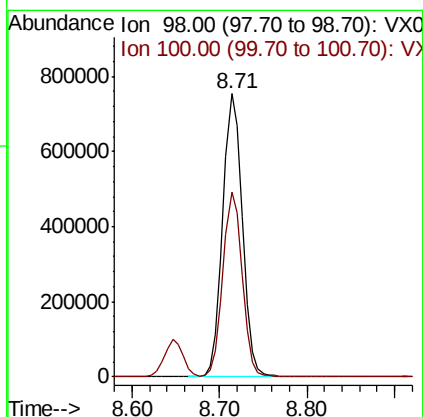
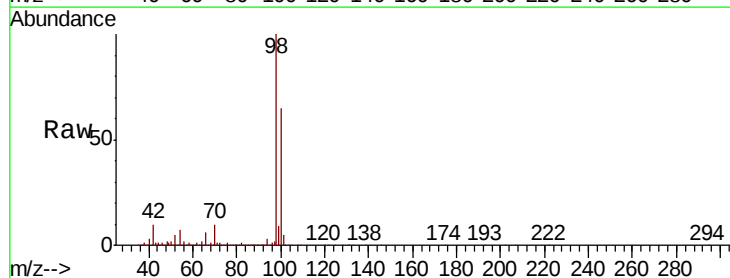
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#50
Toluene-d8
Concen: 49.090 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 92.923 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

Tot Ion: 43 Resp: 863386

Ion Ratio Lower Upper

43 100

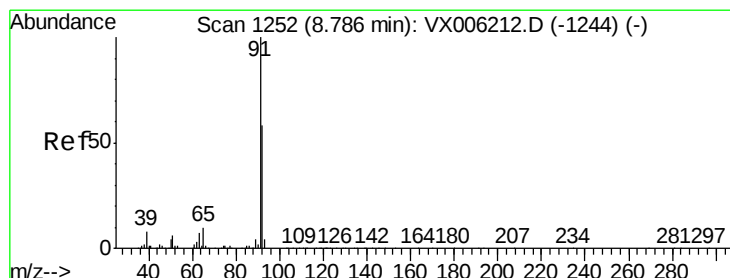
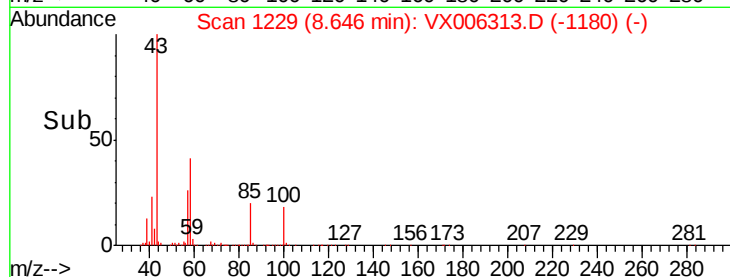
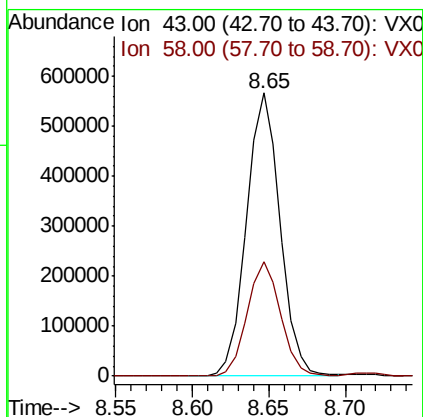
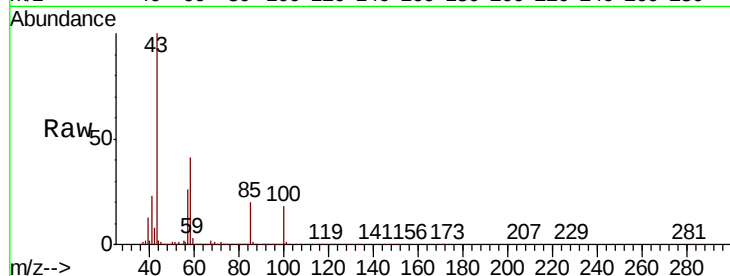
58 40.2 31.3 46.9

Manual Integrations

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#52

Toluene

Concen: 19.141 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006313.D

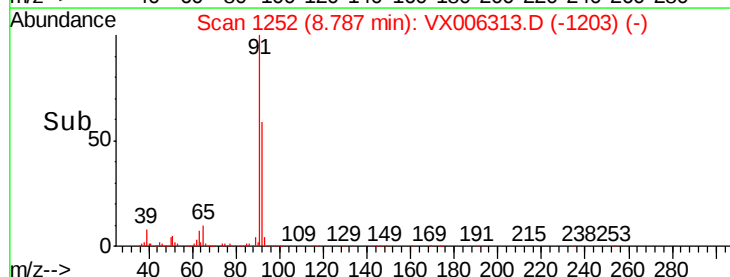
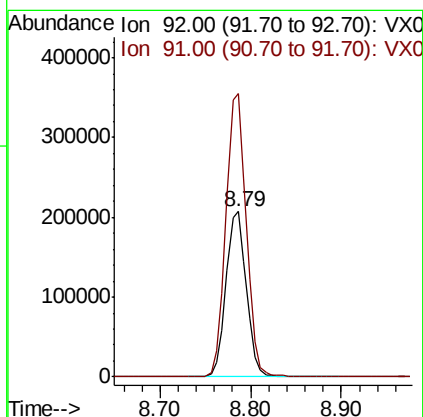
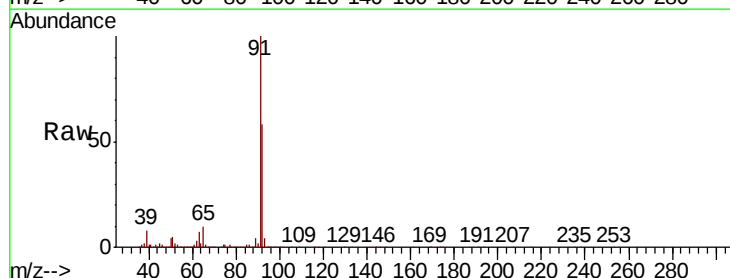
Acq: 06 Dec 2018 12:58

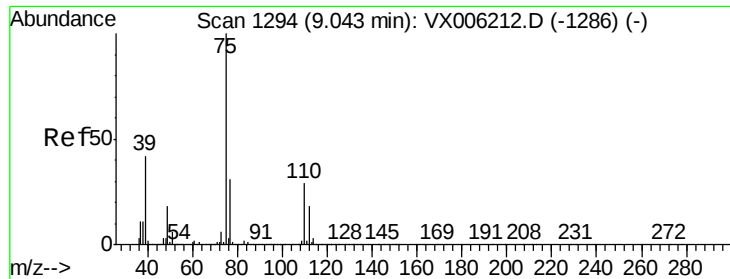
Tgt Ion: 92 Resp: 322408

Ion Ratio Lower Upper

92 100

91 172.3 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 17.755 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

Tot Ion: 75 Resp: 188968

Ion Ratio Lower Upper

75 100

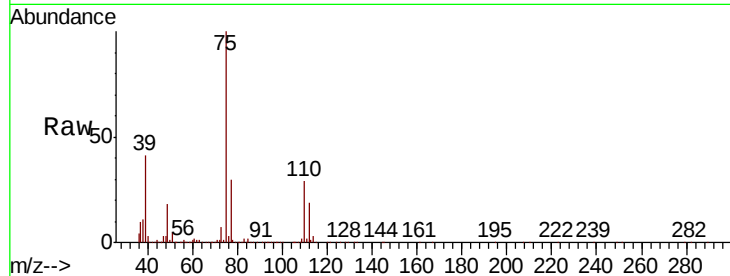
77 30.2 25.0 37.4

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

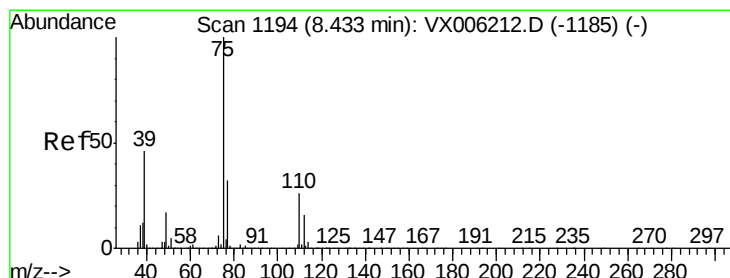
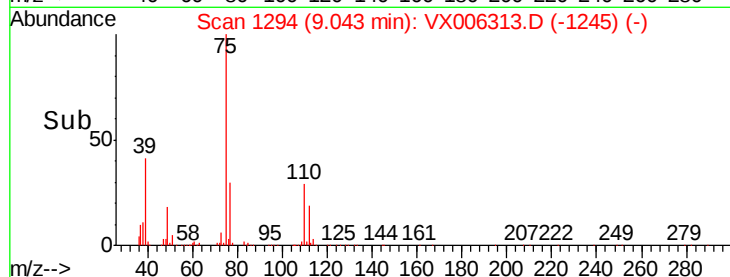
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.275 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

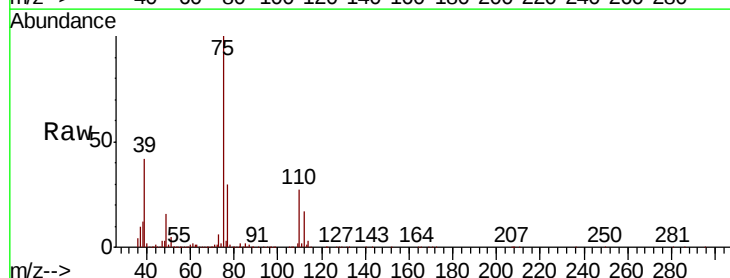
Tgt Ion: 75 Resp: 201969

Ion Ratio Lower Upper

75 100

77 30.3 25.6 38.4

39 42.2 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.44

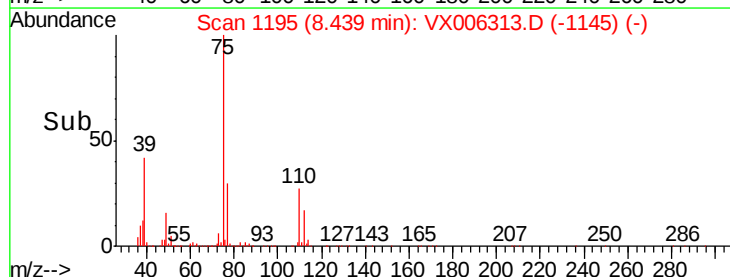
150000

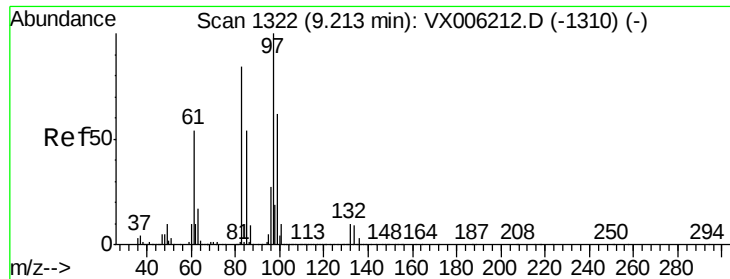
100000

50000

0

Time-->





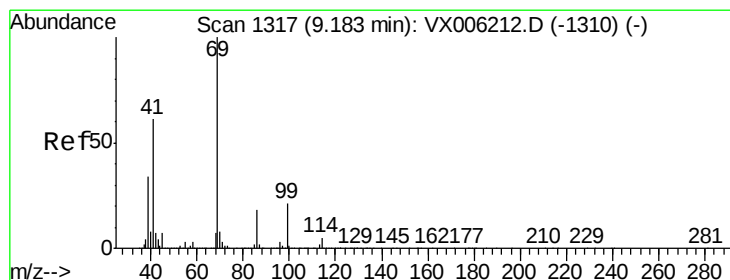
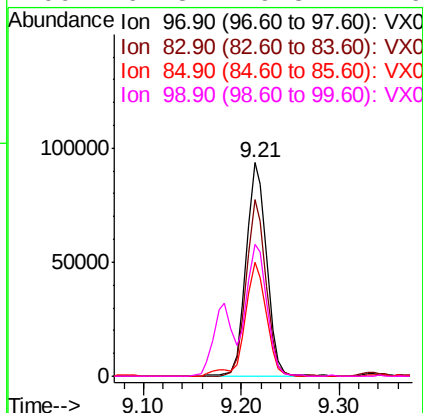
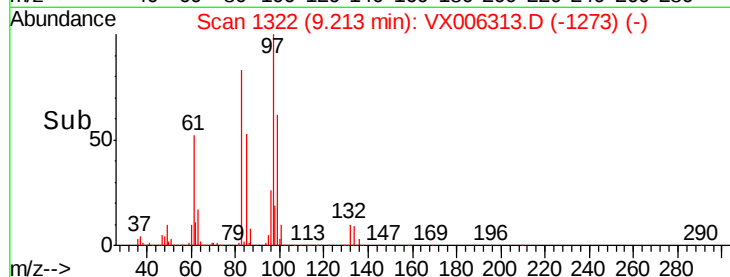
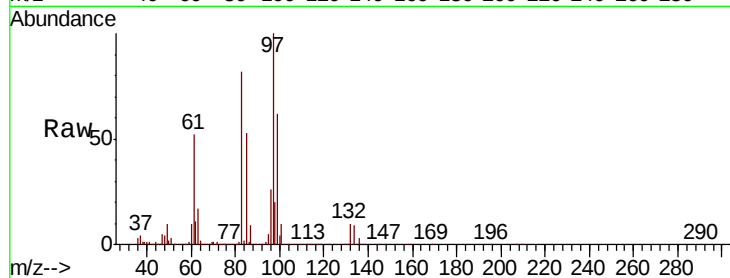
#55
 1,1,2-Trichloroethane
 Concen: 19.829 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006313.D
 Acq: 06 Dec 2018 12:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.1	100.7
85	53.0	43.2	64.8
99	61.8	49.8	74.6

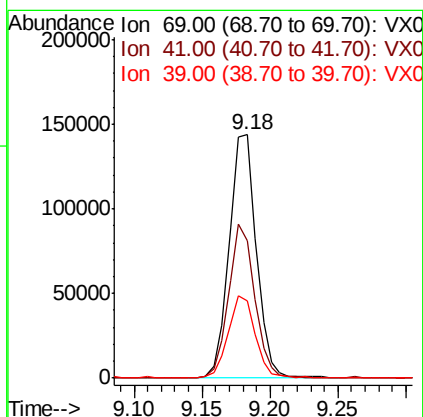
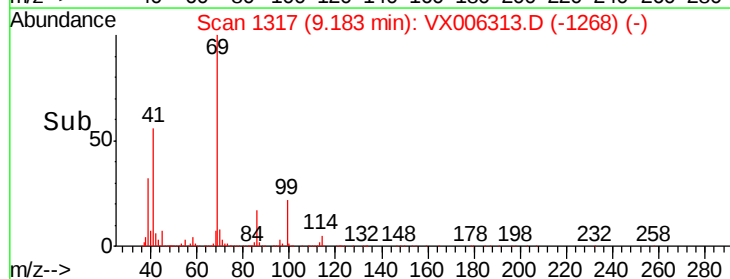
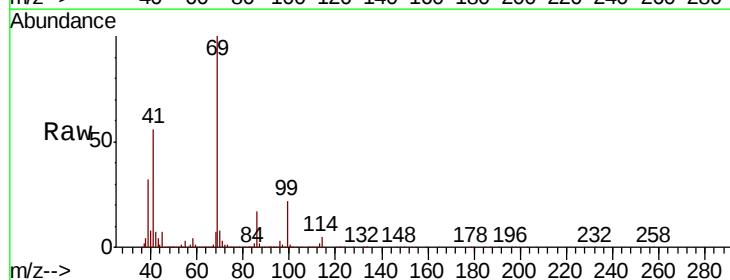
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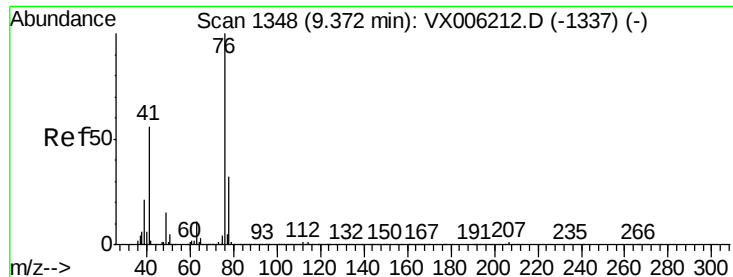
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 12/7/2018 11:19:09 AM



#56
 Ethyl methacrylate
 Concen: 18.700 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006313.D
 Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.4	50.6	76.0
39	33.1	27.6	41.4





#57

1,3-Dichloropropane

Concen: 19.489 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

Tot Ion: 76 Resp: 210887

Ion Ratio Lower Upper

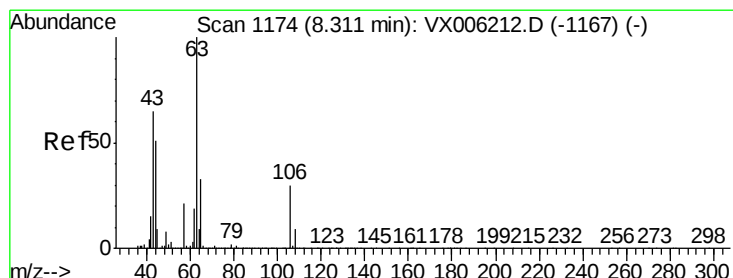
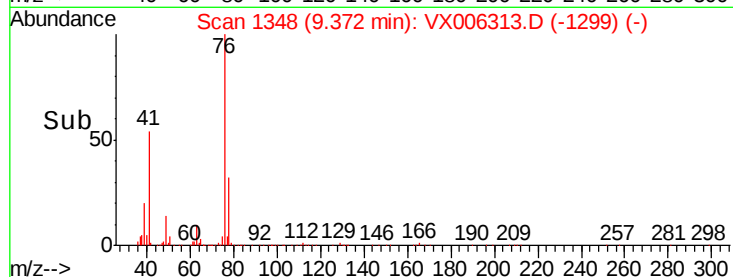
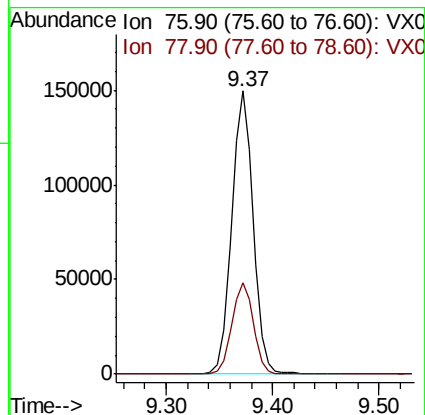
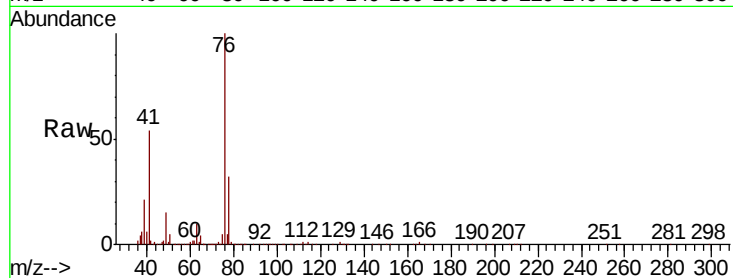
76 100

78 32.5 26.1 39.1

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 92.959 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006313.D

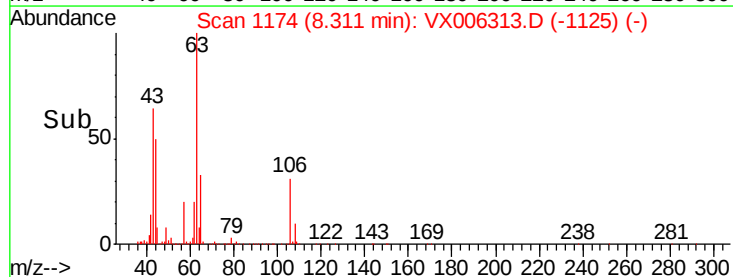
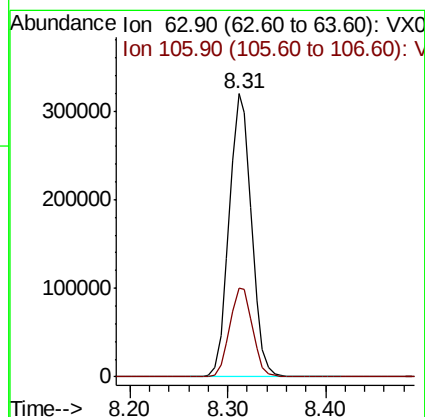
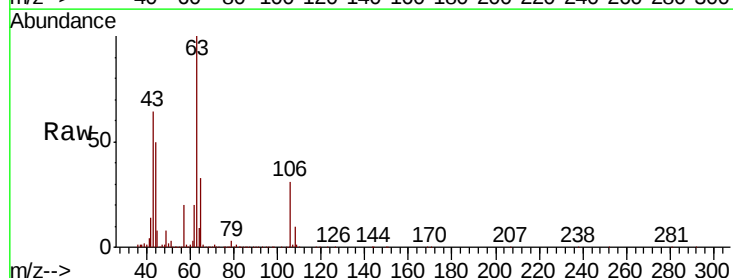
Acq: 06 Dec 2018 12:58

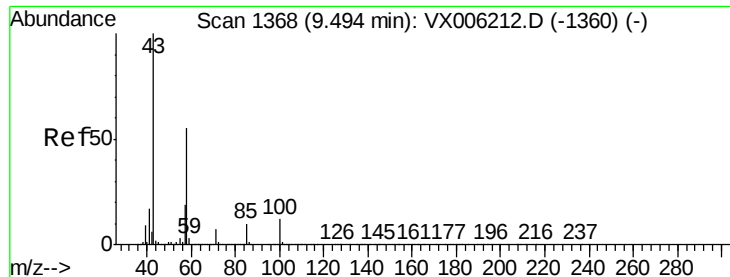
Tgt Ion: 63 Resp: 504634

Ion Ratio Lower Upper

63 100

106 32.2 24.9 37.3





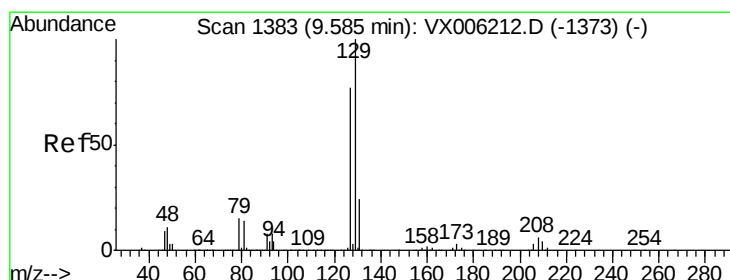
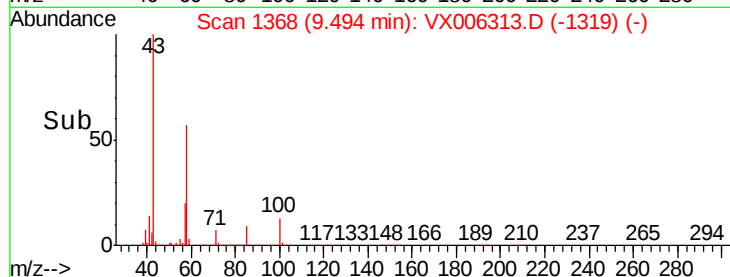
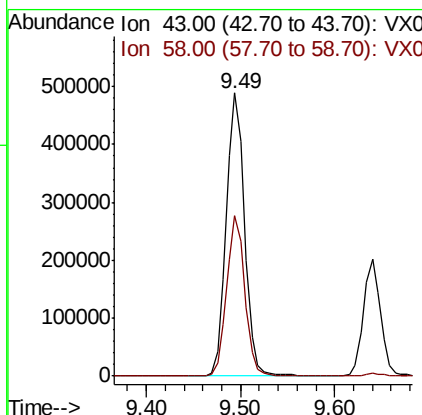
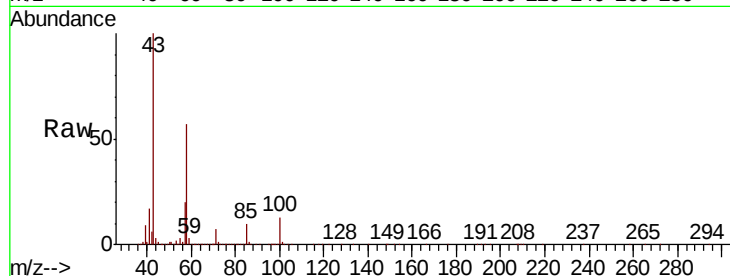
#59
2-Hexanone
Concen: 92.910 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Instrument :
MSVOA_X
ClientSampled :
VX1206WBS01

Tot Ion: 43 Resp: 659535
Ion Ratio Lower Upper
43 100
58 56.2 27.7 83.1

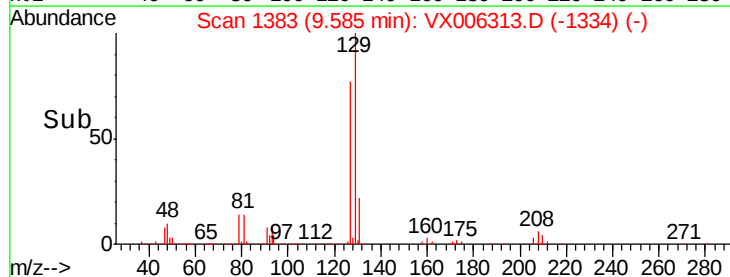
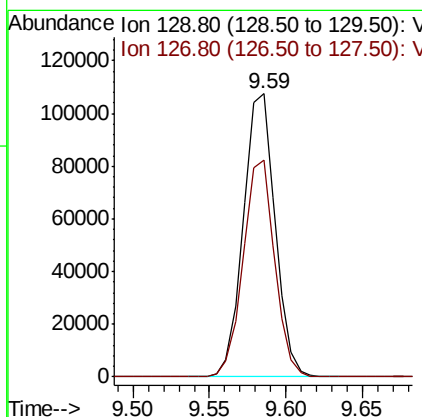
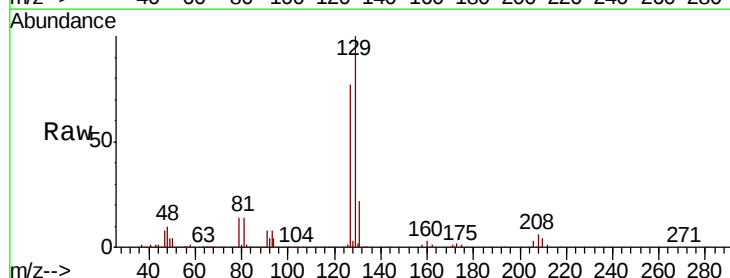
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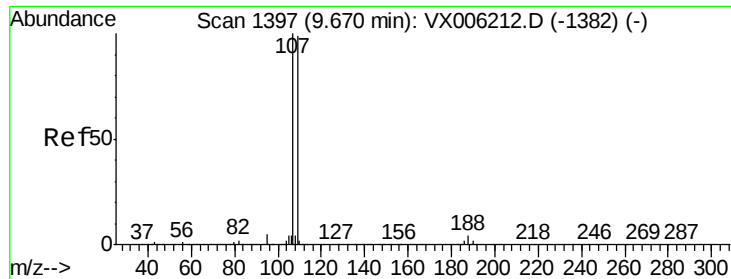
MMDadoda
12/7/2018 11:19:09 AM



#60
Dibromochloromethane
Concen: 18.398 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tgt Ion: 129 Resp: 155241
Ion Ratio Lower Upper
129 100
127 75.9 38.6 115.8





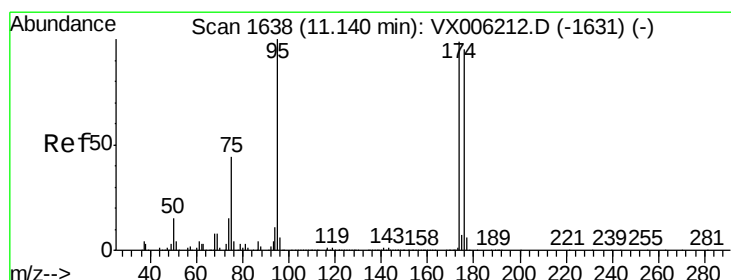
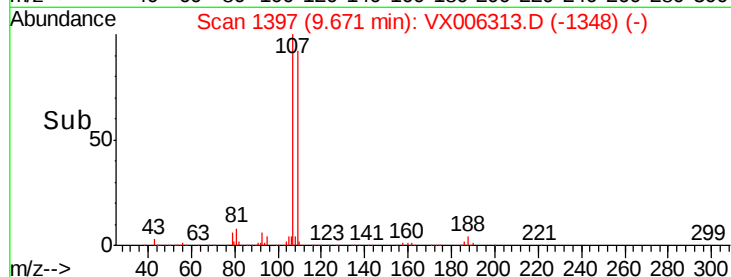
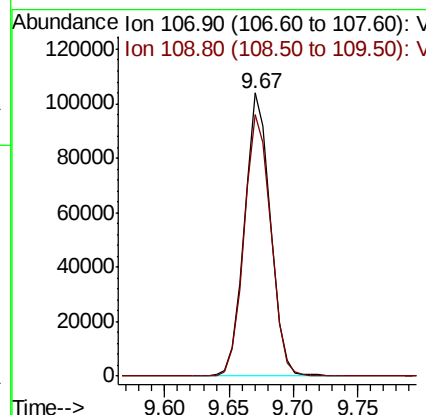
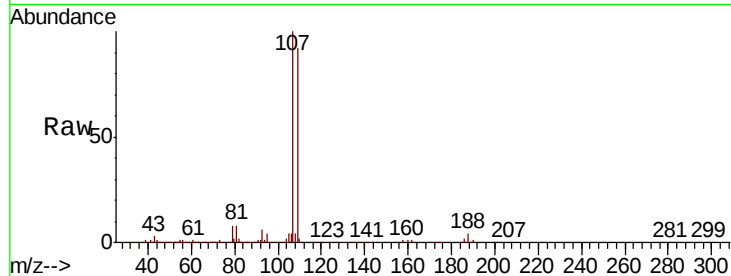
#61
 1,2-Dibromoethane
 Concen: 18.681 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006313.D
 Acq: 06 Dec 2018 12:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.1	76.3	114.5

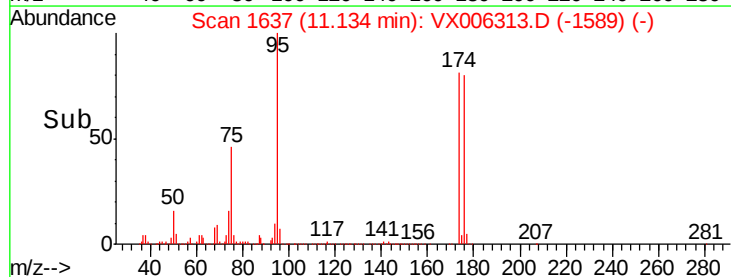
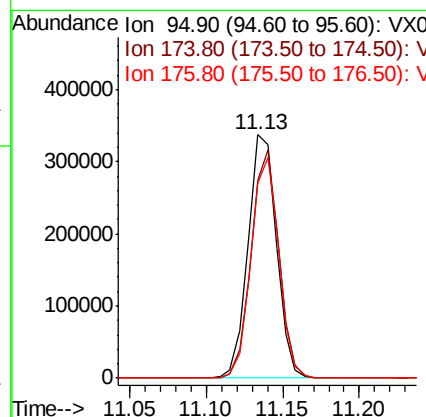
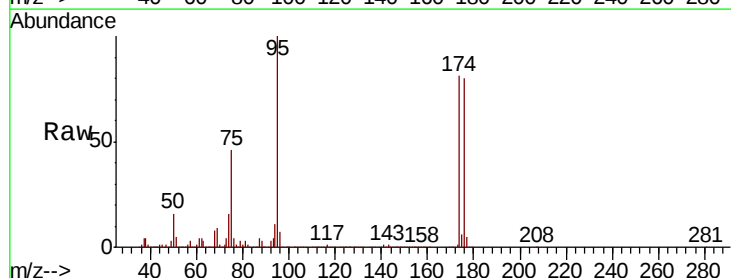
Manual Integrations
 APPROVED

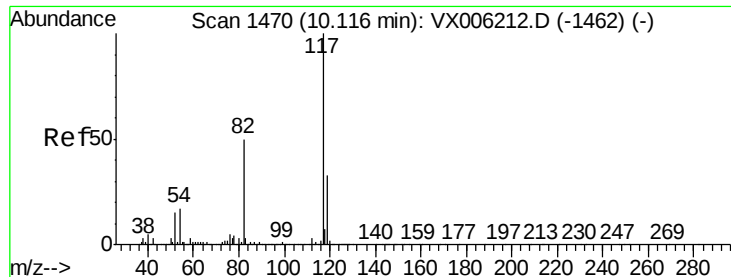
MMDadoda
 12/7/2018 11:19:09 AM



#62
 4-Bromofluorobenzene
 Concen: 48.482 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006313.D
 Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	187.0
176	88.4	0.0	181.8





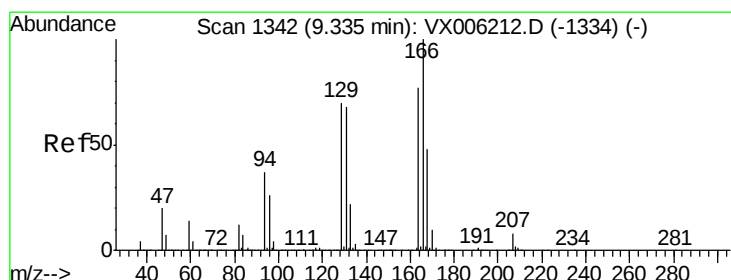
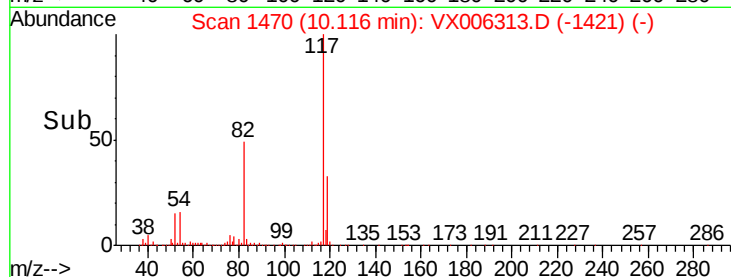
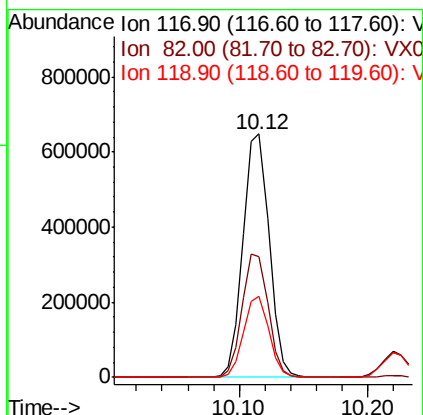
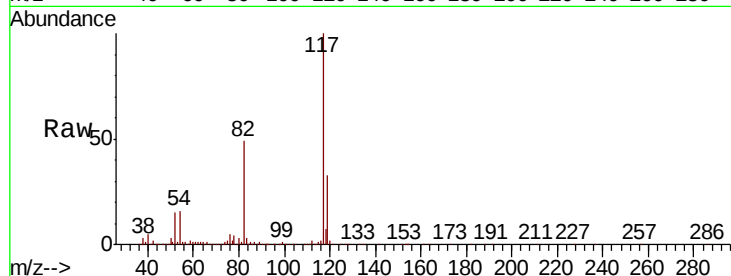
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	39.6	59.4
119	33.0	26.3	39.5

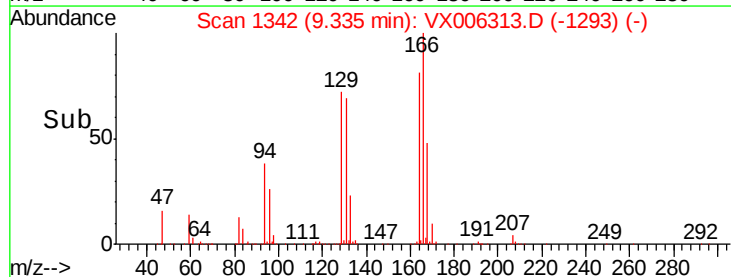
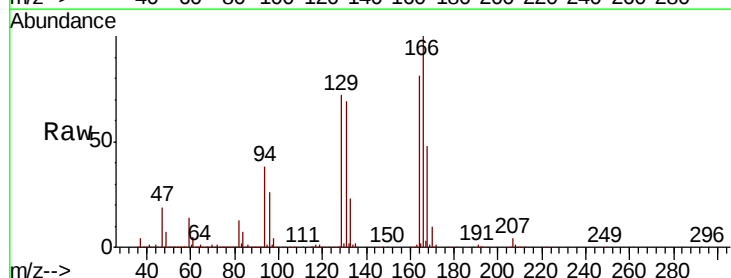
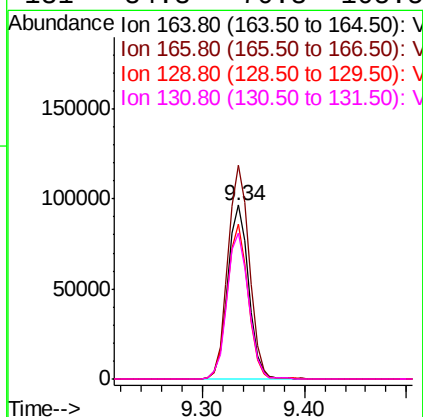
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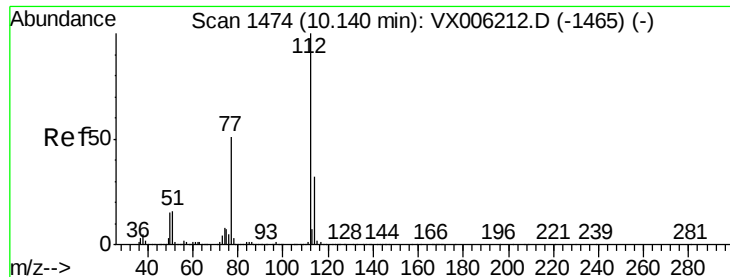
MMDadoda
12/7/2018 11:19:09 AM



#64
Tetrachloroethene
Concen: 19.866 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.8	104.2	156.2
129	89.0	72.6	108.8
131	84.3	70.3	105.5





#65

Chlorobenzene

Concen: 19.268 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

Tot Ion:112 Resp: 372727

Ion Ratio Lower Upper

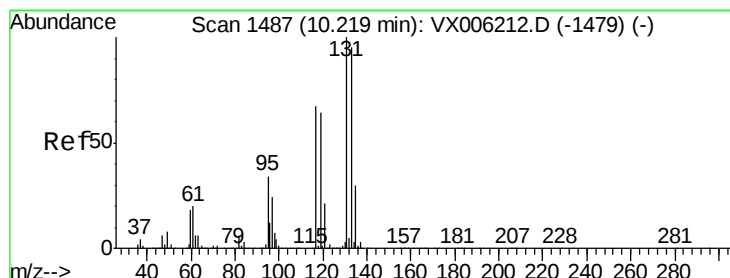
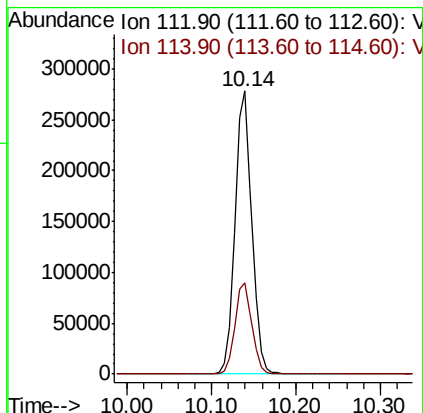
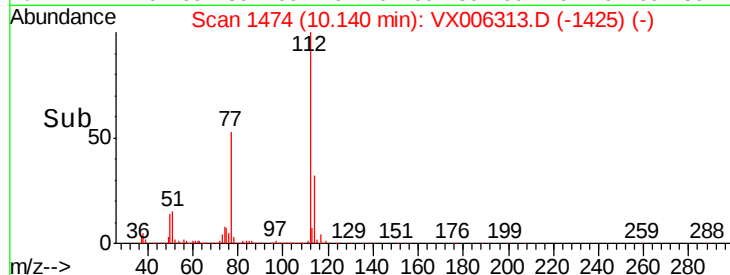
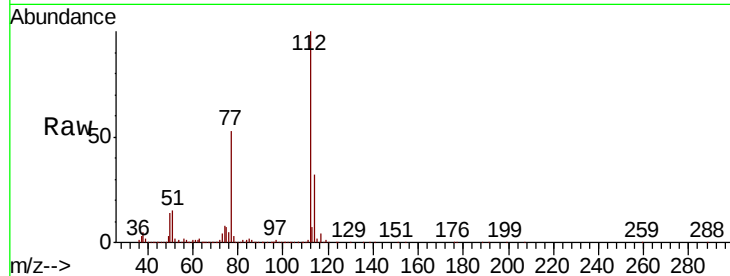
112 100

114 32.3 25.4 38.2

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#66

1,1,1,2-Tetrachloroethane

Concen: 18.726 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

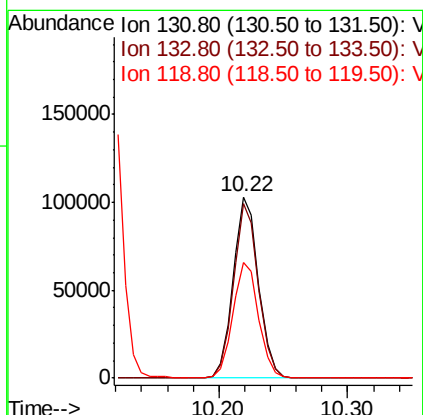
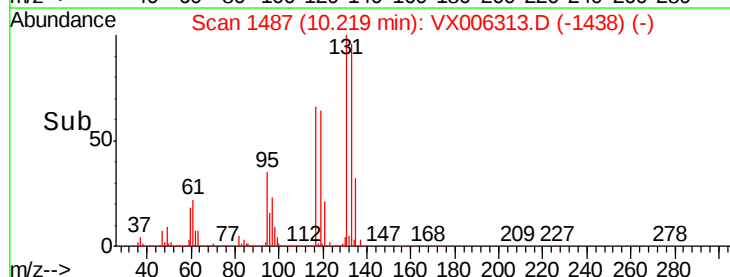
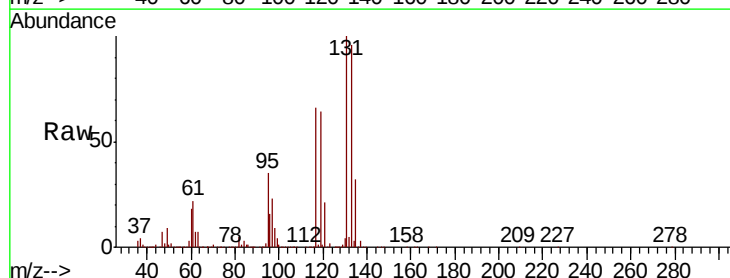
Tgt Ion:131 Resp: 140745

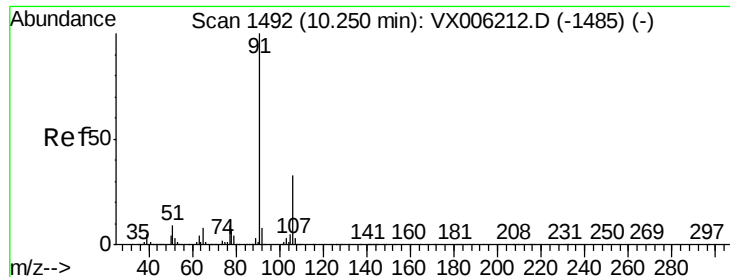
Ion Ratio Lower Upper

131 100

133 94.8 48.1 144.4

119 64.7 32.1 96.3





#67

Ethyl Benzene

Concen: 18.958 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

Tot Ion: 91 Resp: 609930

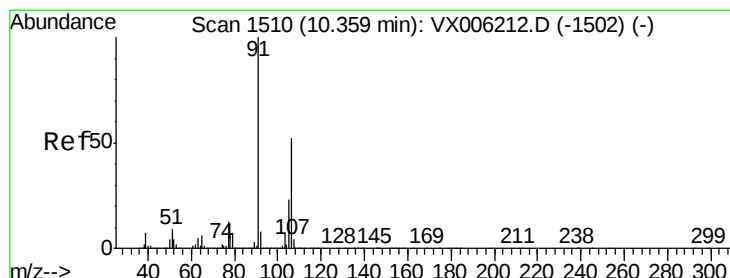
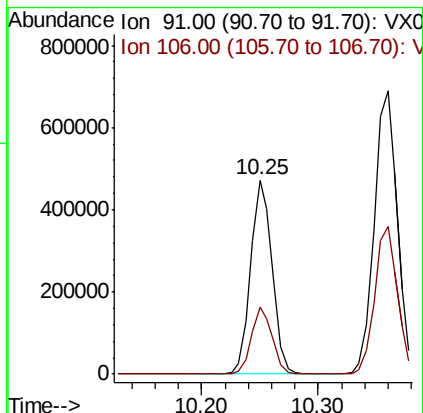
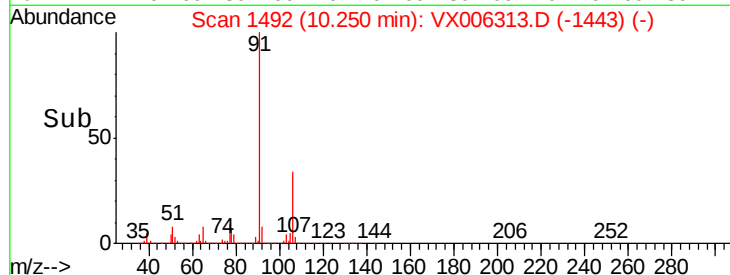
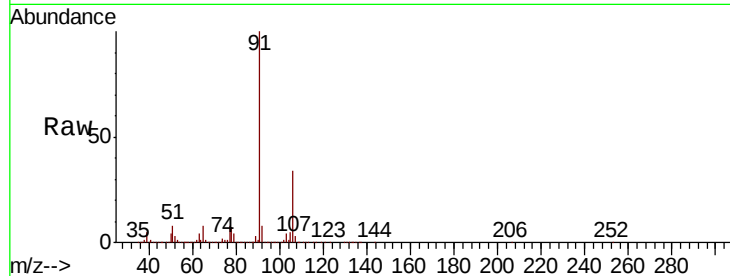
Ion Ratio Lower Upper

91 100

106 34.3 26.5 39.7

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#68

m/p-Xylenes

Concen: 37.874 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006313.D

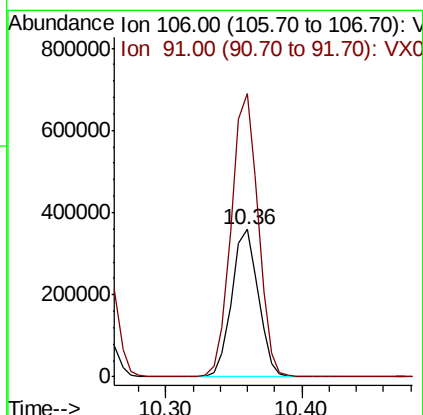
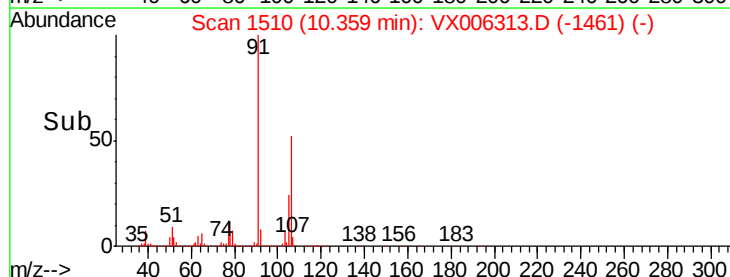
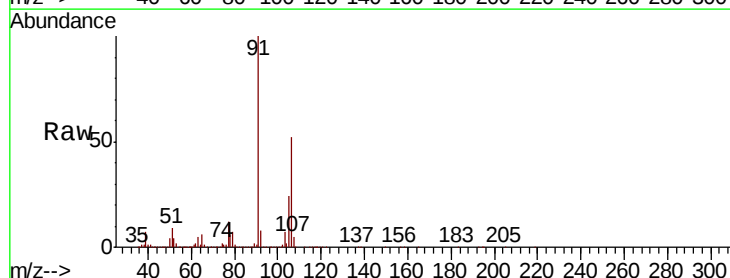
Acq: 06 Dec 2018 12:58

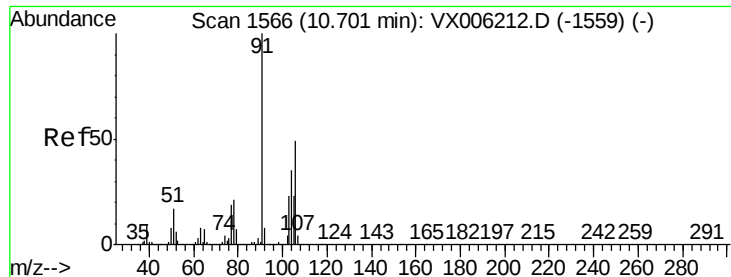
Tgt Ion: 106 Resp: 488111

Ion Ratio Lower Upper

106 100

91 193.9 155.2 232.8





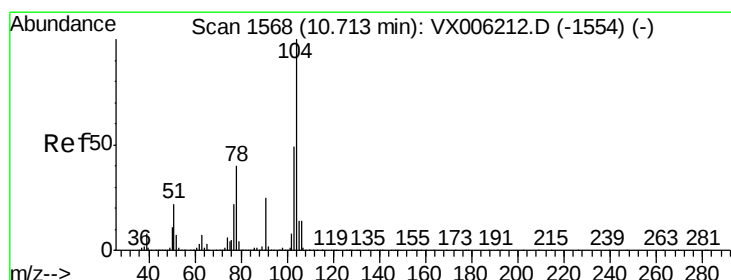
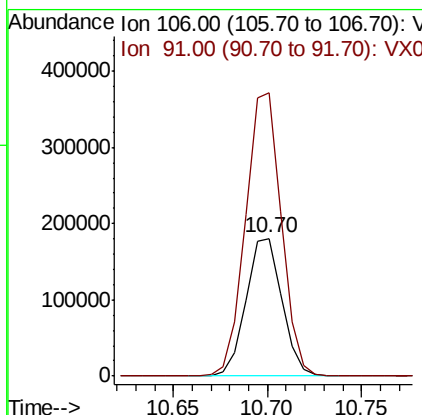
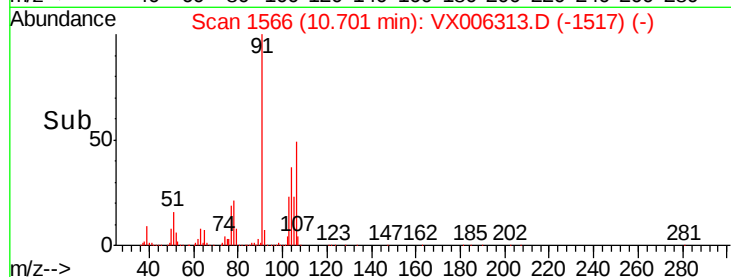
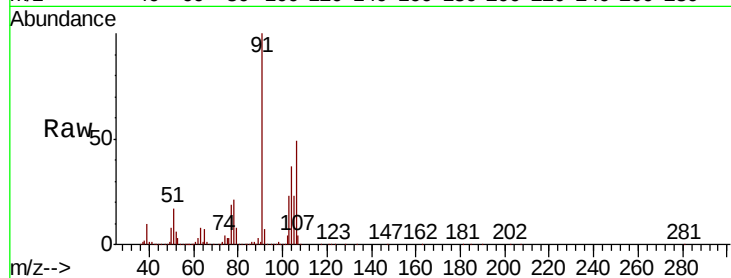
#69
o-Xylene
Concen: 18.735 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.6	101.8	305.6

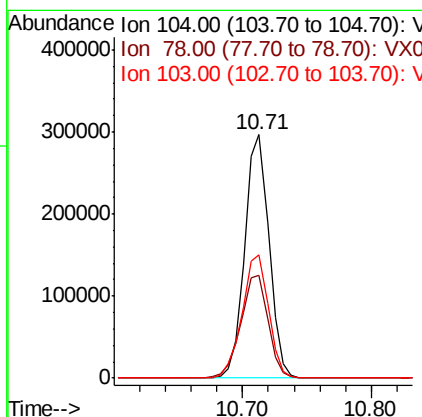
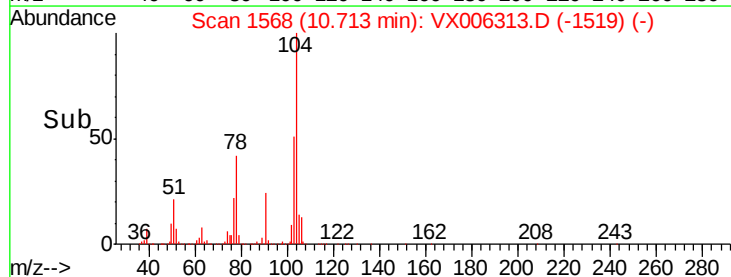
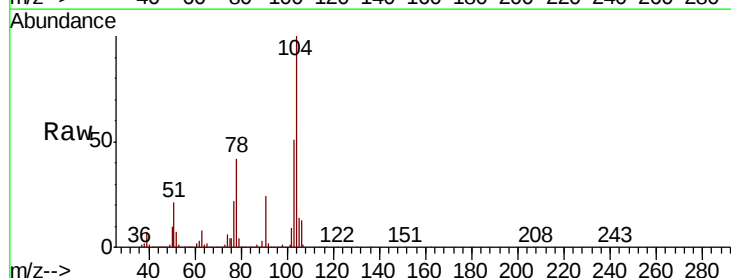
Manual Integrations
APPROVED

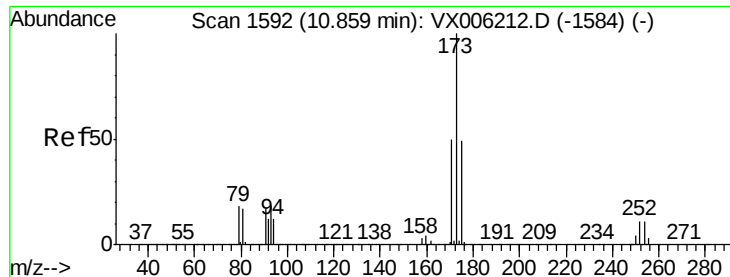
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#70
Styrene
Concen: 18.698 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.7	37.2	55.8
103	55.6	43.5	65.3





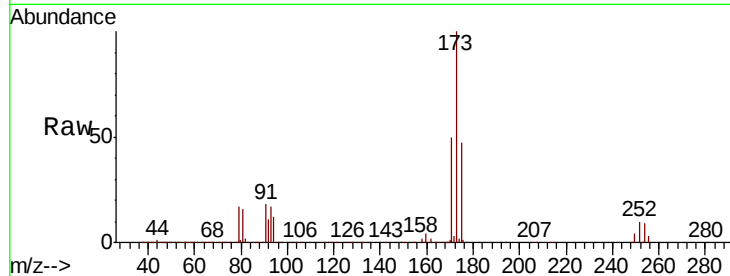
#71
Bromoform
Concen: 16.917 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.6	73.8
254	0.2	0.2	0.2

Manual Integrations
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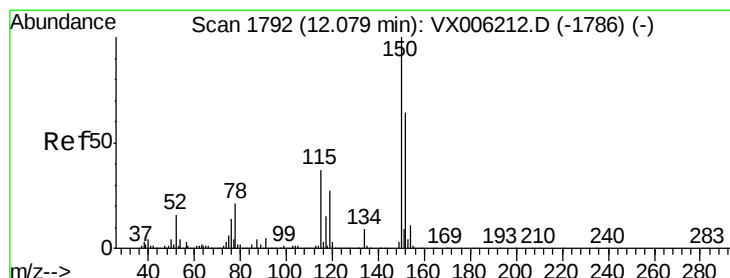
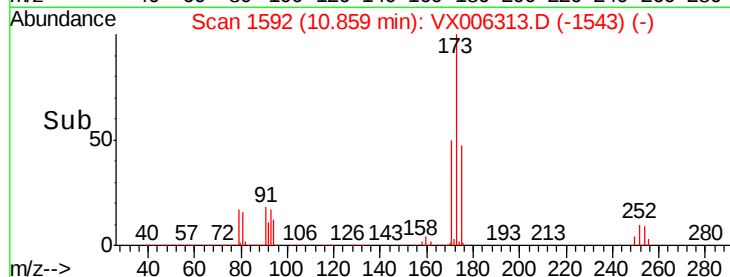
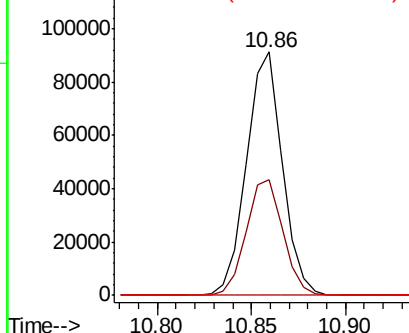


Abundance

Ion 172.70 (172.40 to 173.40): V

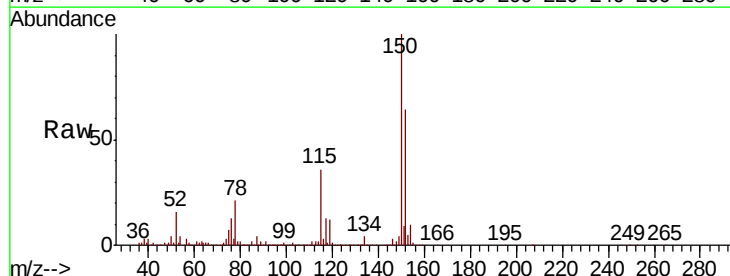
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.7	39.0	116.9
150	164.3	0.0	345.8

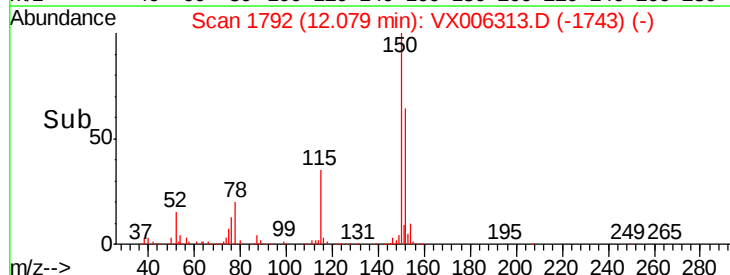
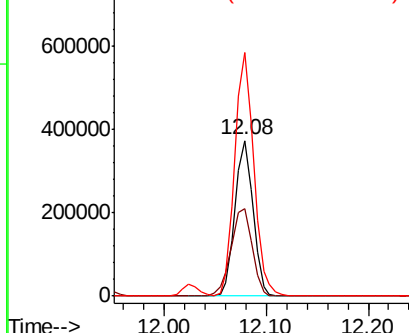


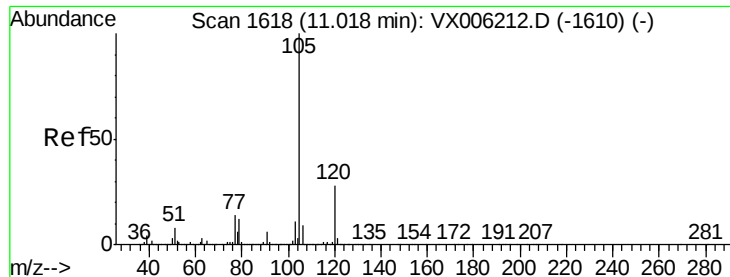
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.221 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

Tot Ion: 105 Resp: 634330

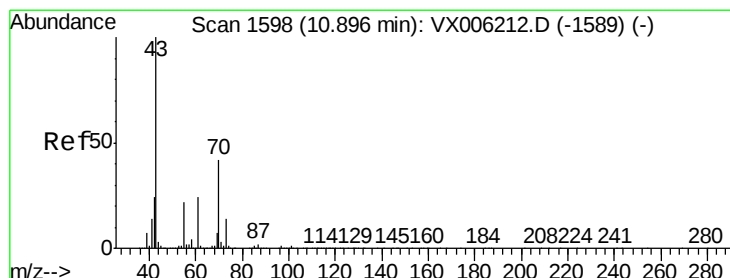
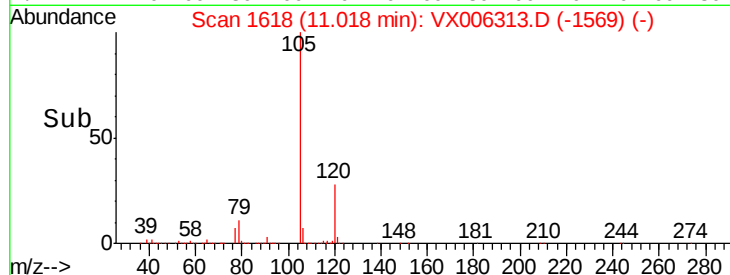
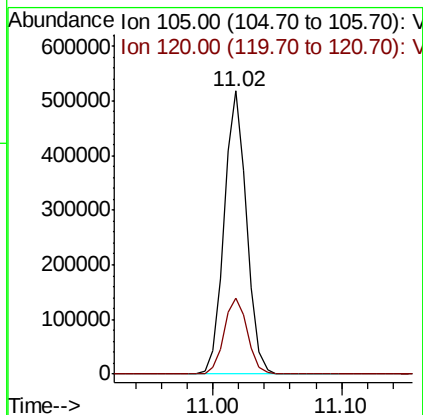
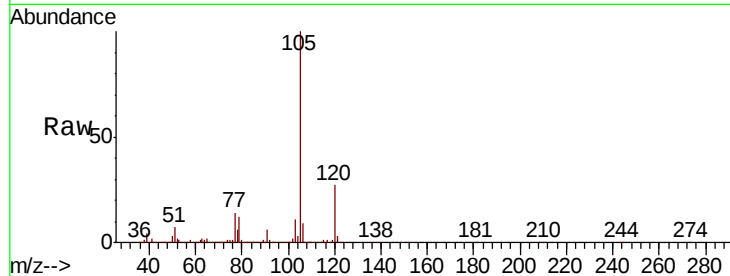
Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.3

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#74

N-ethyl acetate

Concen: 18.606 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Tgt Ion: 43 Resp: 251350

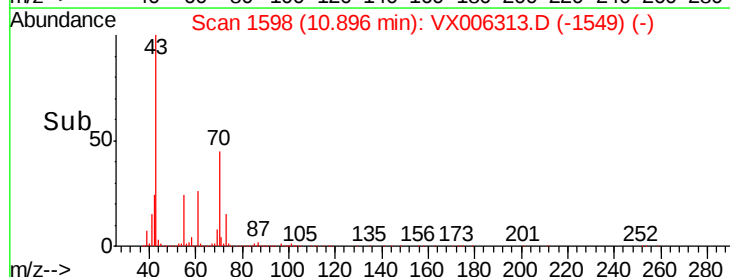
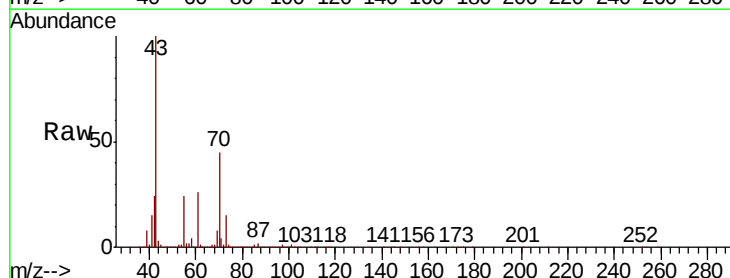
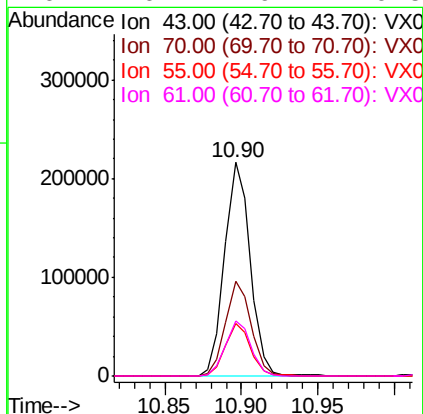
Ion Ratio Lower Upper

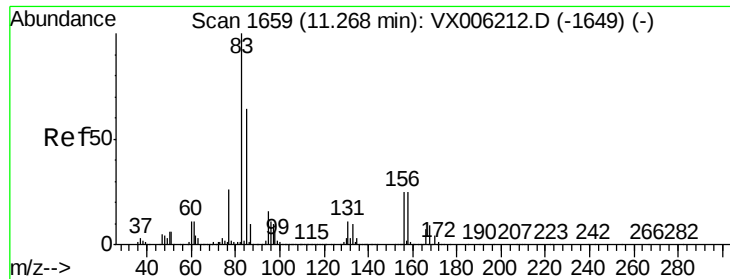
43 100

70 45.0 34.1 51.1

55 24.1 17.8 26.8

61 26.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.023 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

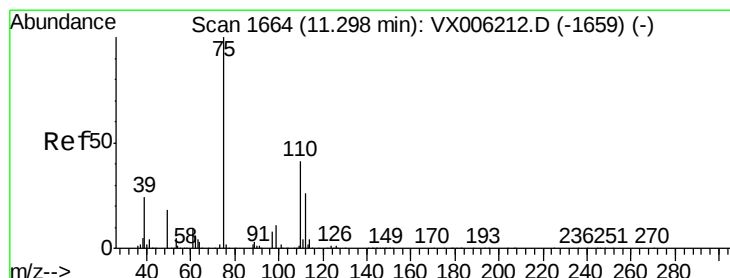
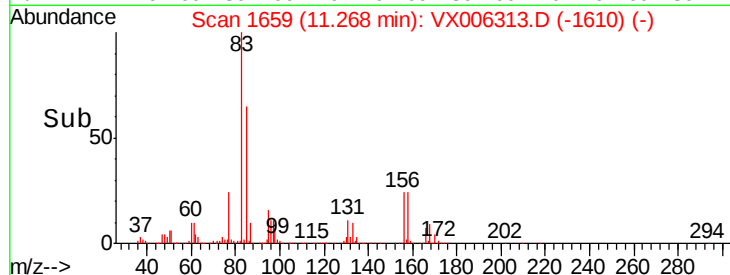
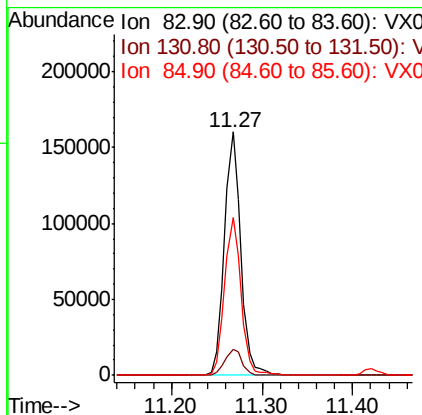
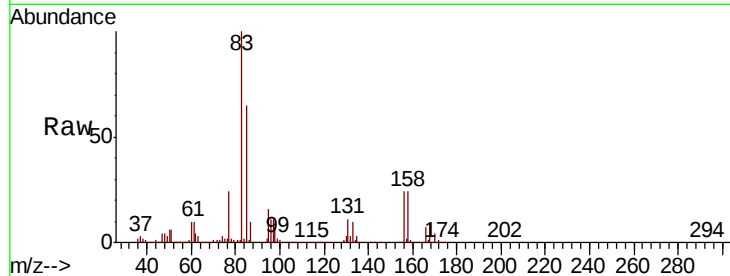
ClientSampleId :

VX1206WBS01

Tot Ion:	83	Resp:	200956
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.7	17.1
85	65.8	32.1	96.5

Manual Integrations
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12/7/2018 11:19:09 AM



#76

1,2,3-Trichloropropane

Concen: 21.842 ug/l m

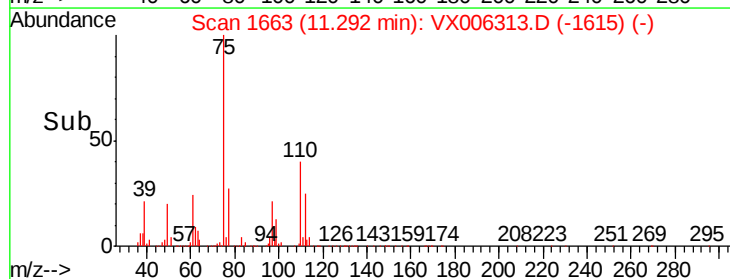
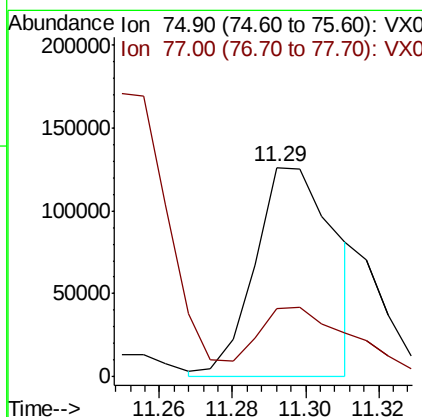
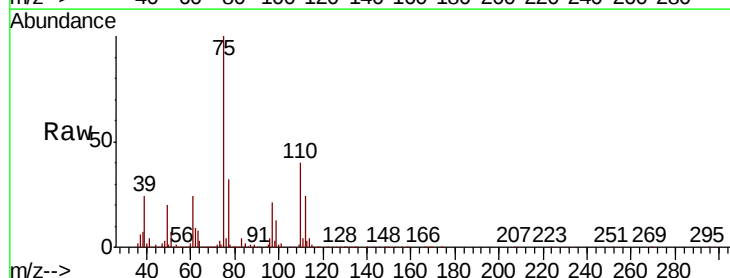
RT: 11.29 min Scan# 1663

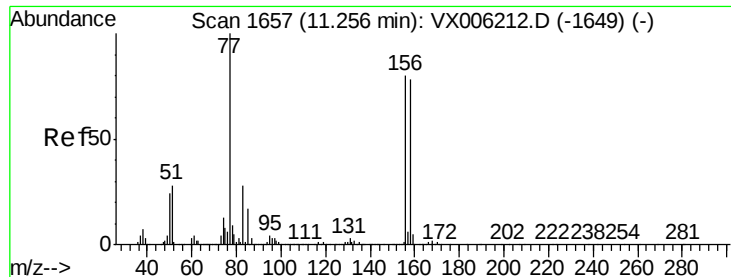
Delta R.T. -0.01 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Tgt Ion:	75	Resp:	191513
Ion Ratio	Lower	Upper	
75	100		
77	39.0	19.9	59.7





#77

Bromobenzene

Concen: 20.027 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

Tot Ion:156 Resp: 174349

Ion Ratio Lower Upper

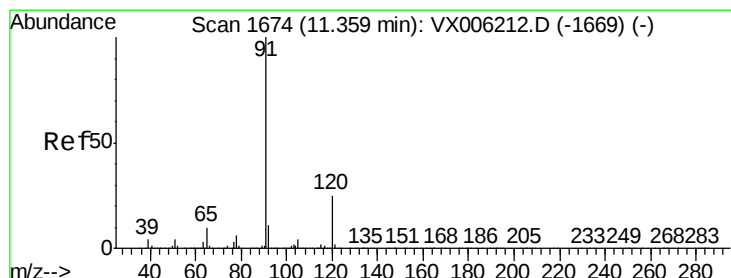
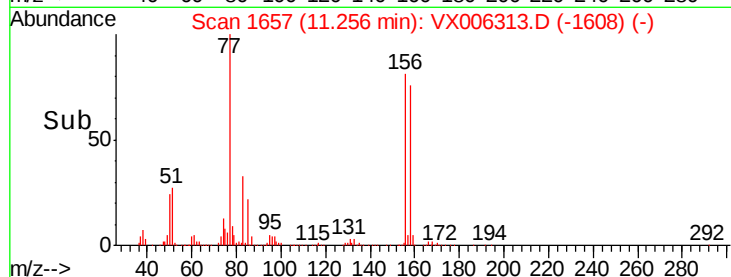
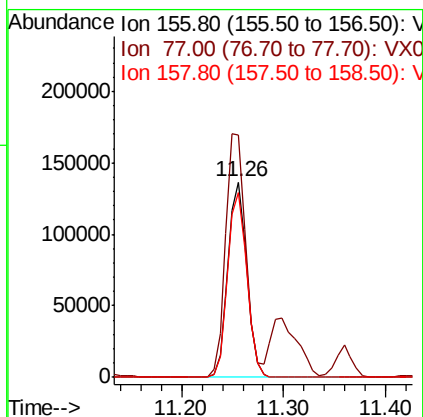
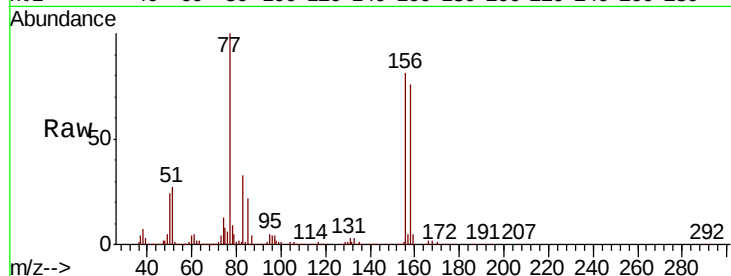
156 100

77 133.5 66.2 198.6

158 96.0 48.8 146.4

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#78

n-propylbenzene

Concen: 19.770 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006313.D

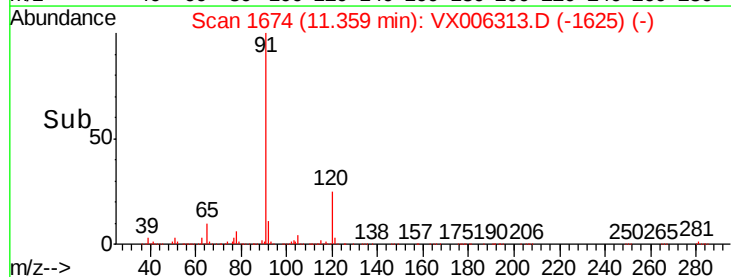
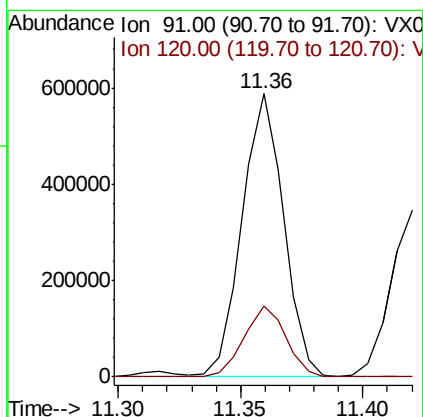
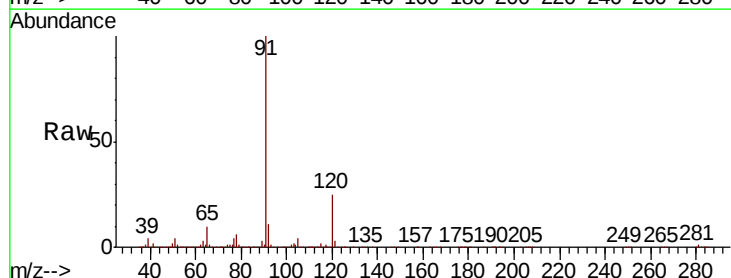
Acq: 06 Dec 2018 12:58

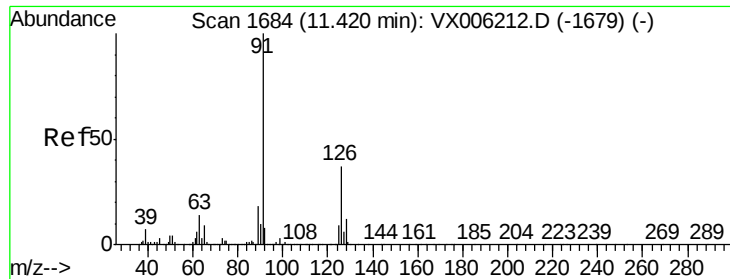
Tgt Ion: 91 Resp: 689417

Ion Ratio Lower Upper

91 100

120 25.4 12.7 38.0





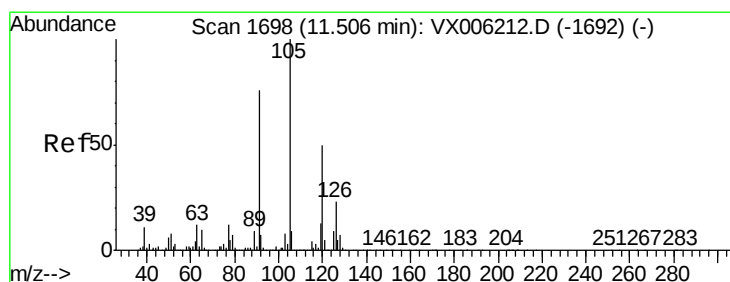
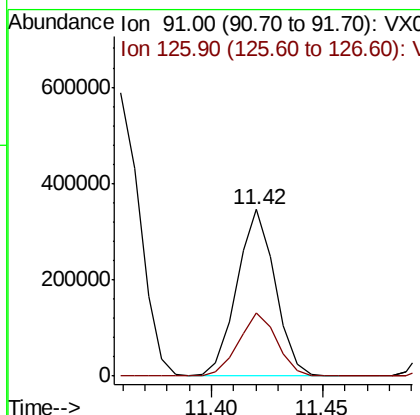
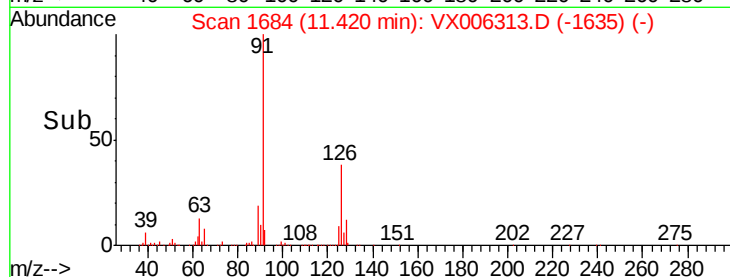
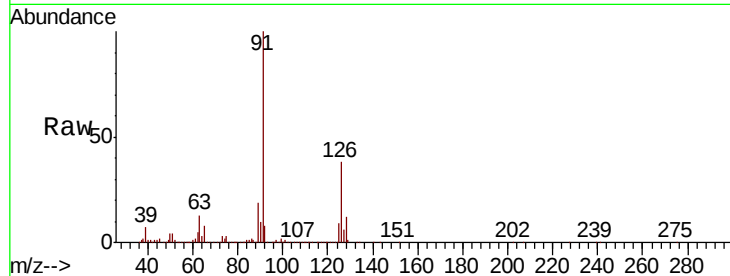
#79
 2-Chlorotoluene
 Concen: 19.961 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX006313.D
 Acq: 06 Dec 2018 12:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

Tot Ion: 91 Resp: 413714
 Ion Ratio Lower Upper
 91 100
 126 38.2 18.6 56.0

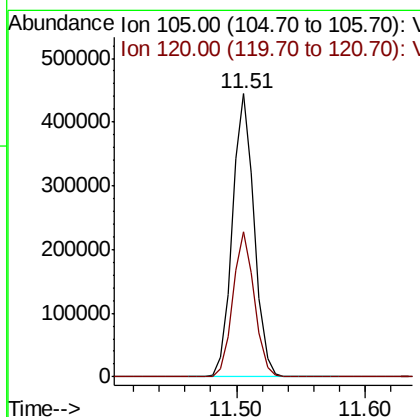
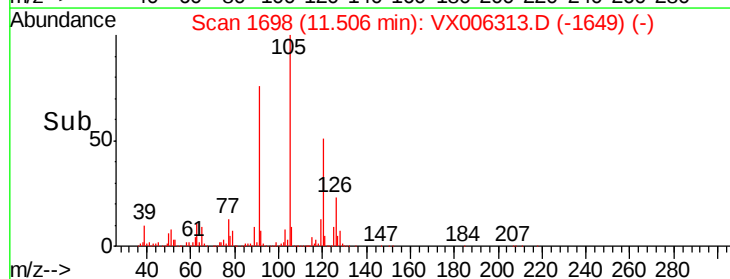
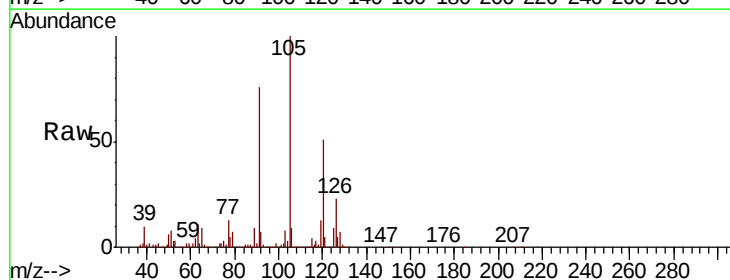
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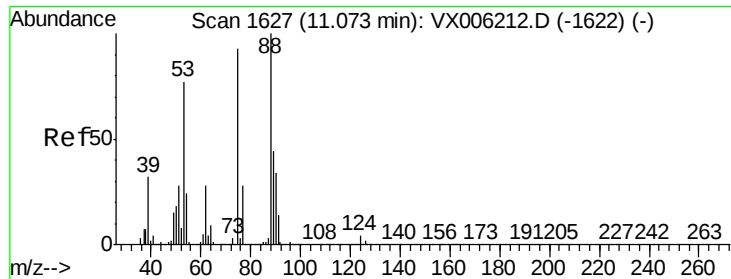
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.019 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006313.D
 Acq: 06 Dec 2018 12:58

Tgt Ion: 105 Resp: 522527
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.979 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

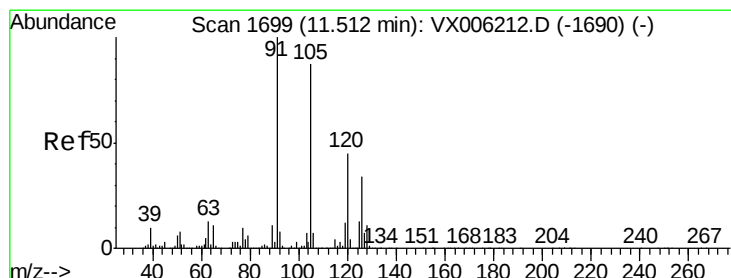
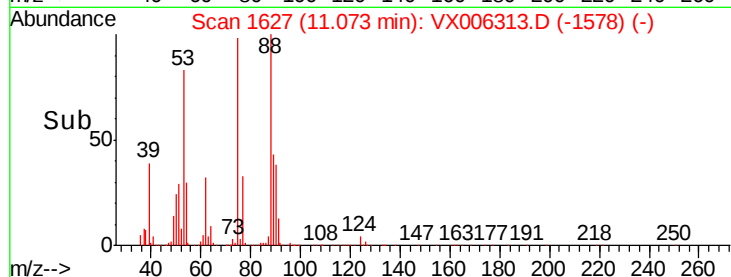
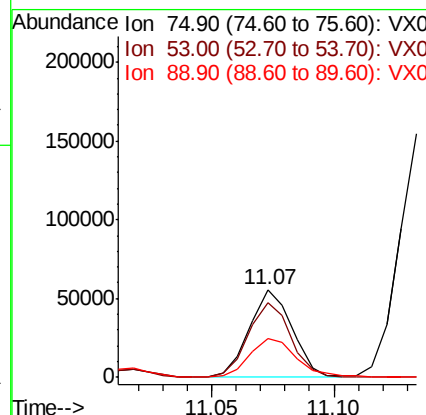
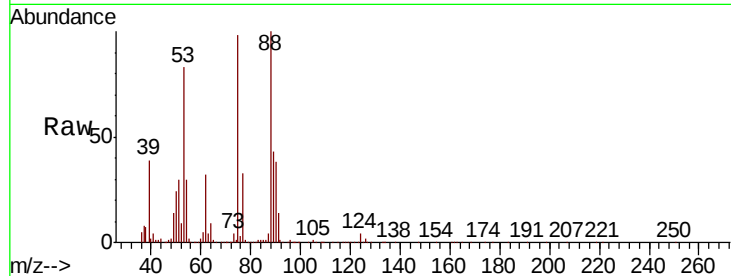
ClientSampleId :

VX1206WBS01

Tot Ion:	75	Resp:	67174
Ion	Ratio	Lower	Upper
75	100		
53	84.8	64.4	96.6
89	49.8	44.2	66.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.639 ug/l

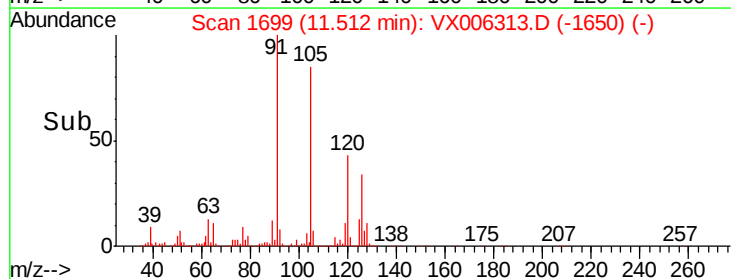
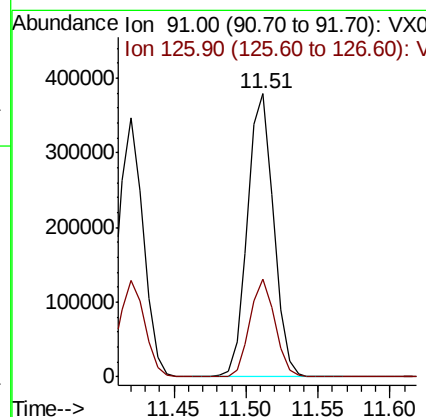
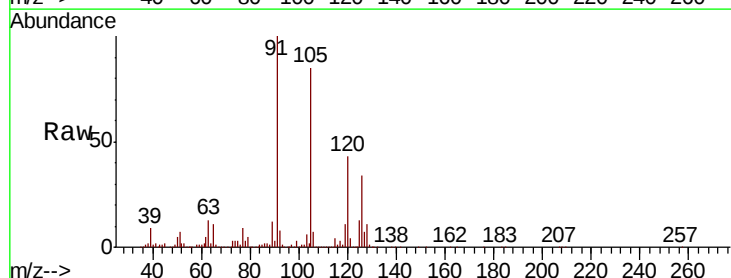
RT: 11.51 min Scan# 1699

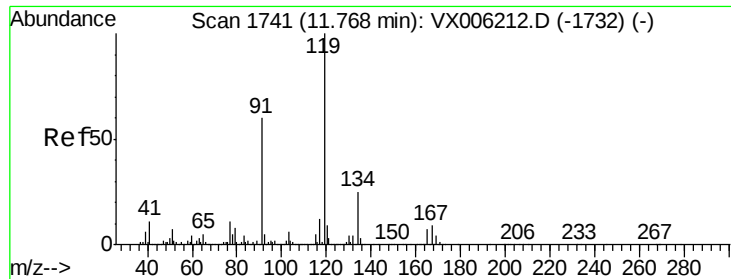
Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Tgt Ion:	91	Resp:	473253
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.4





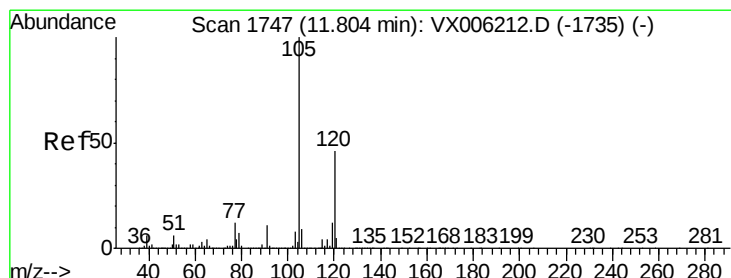
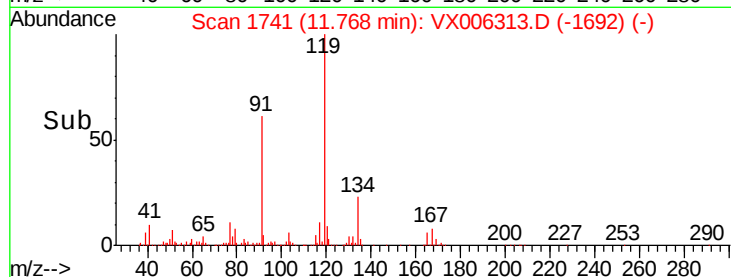
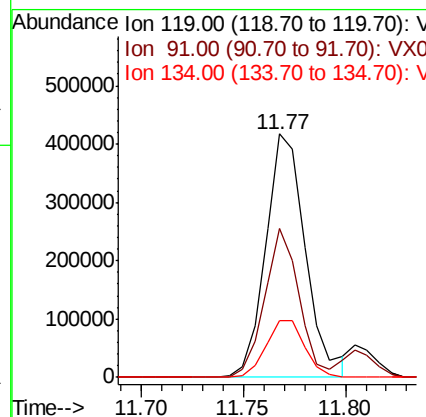
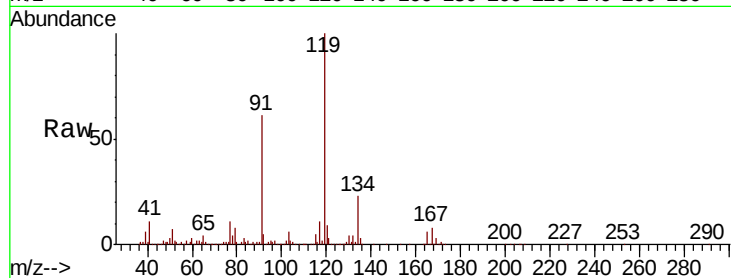
#83
 tert-Butylbenzene
 Concen: 20.330 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006313.D
 Acq: 06 Dec 2018 12:58

Instrument :
 MSVOA_X
 ClientSampled :
 VX1206WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	53.1	26.4	79.2
134	23.1	11.6	34.7

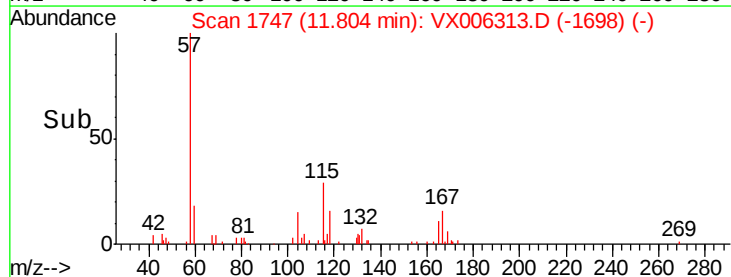
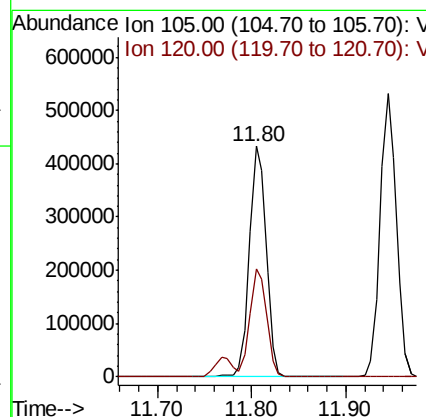
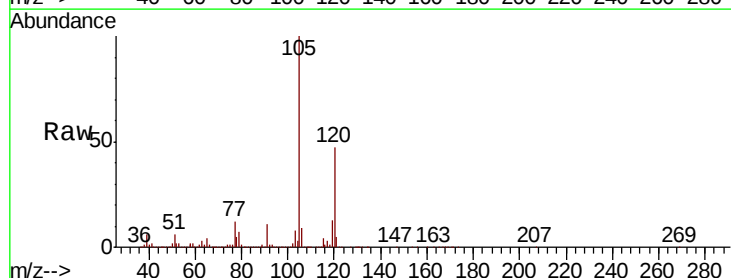
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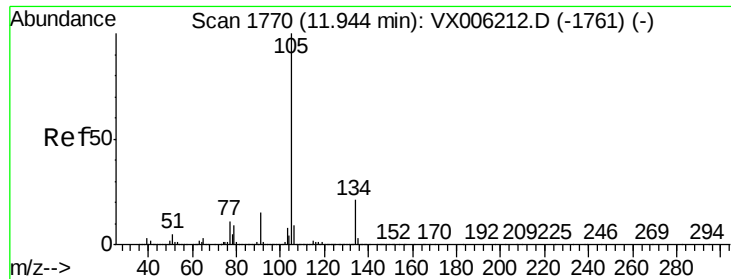
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.024 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006313.D
 Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.4	70.0





#85

sec-Butylbenzene

Concen: 20.209 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS01

Tot Ion:105 Resp: 640256

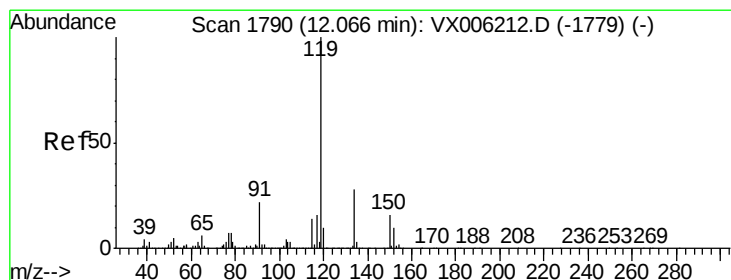
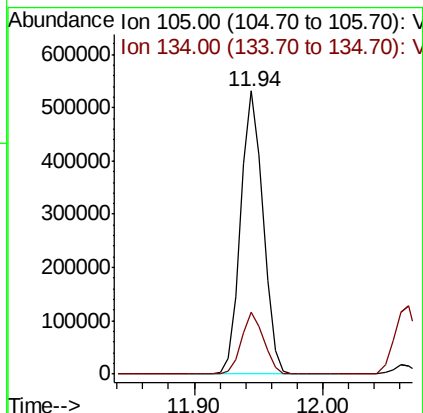
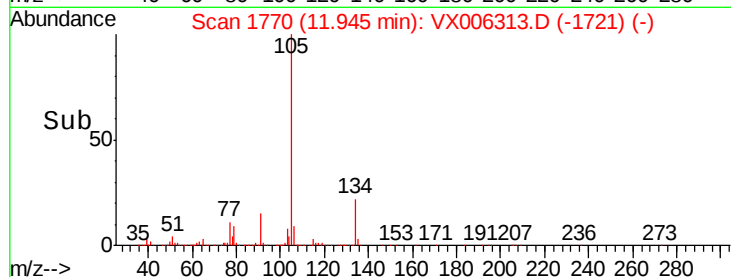
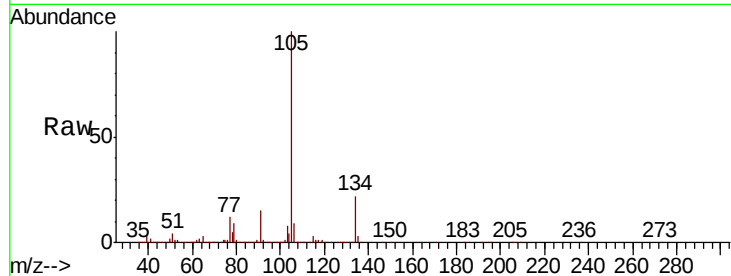
Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 19.851 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

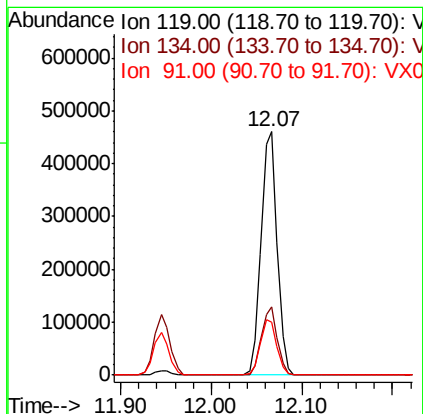
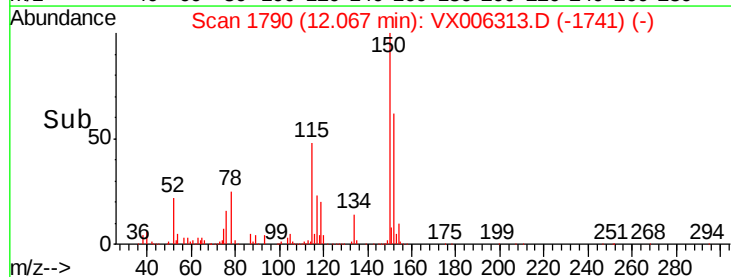
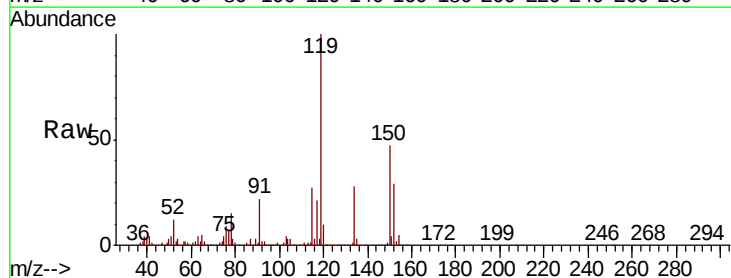
Tgt Ion:119 Resp: 566312

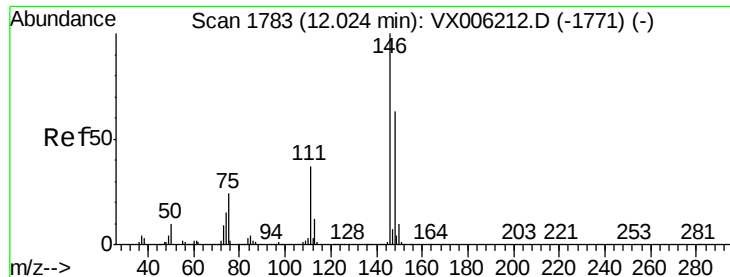
Ion Ratio Lower Upper

119 100

134 27.4 13.9 41.6

91 23.1 11.3 33.8





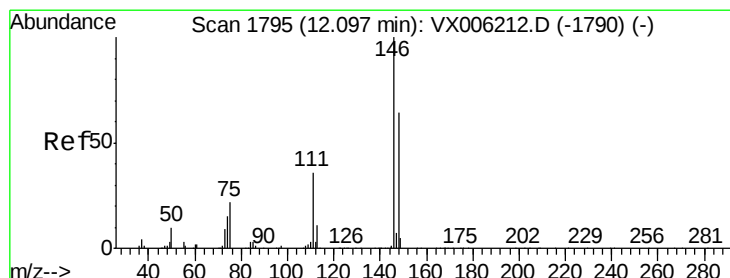
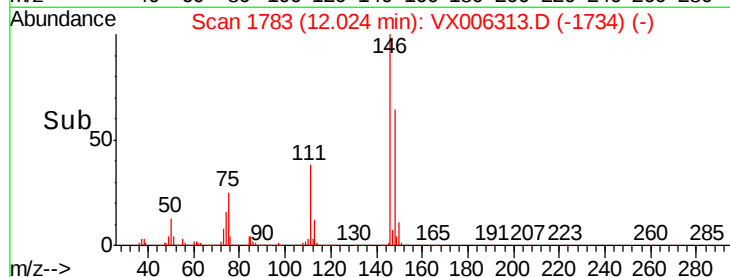
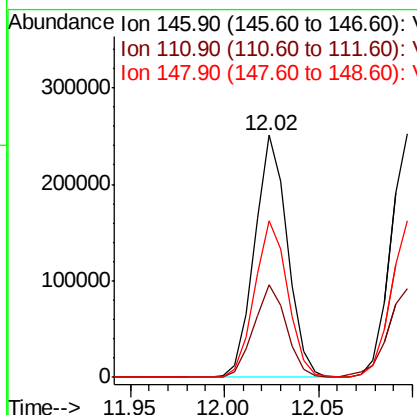
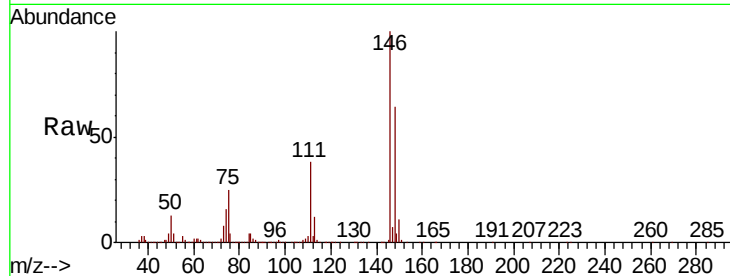
#87
 1,3-Dichlorobenzene
 Concen: 19.485 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006313.D
 Acq: 06 Dec 2018 12:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.2
148	65.2	32.0	96.0

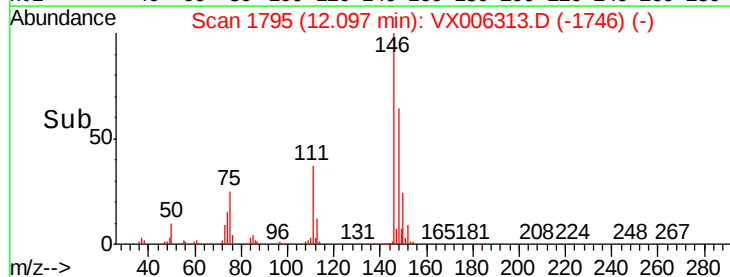
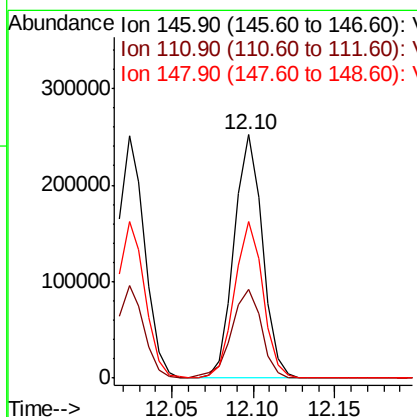
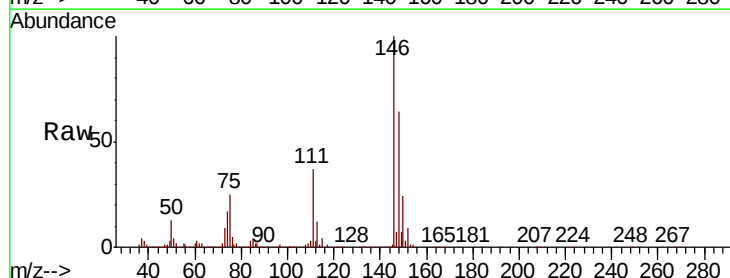
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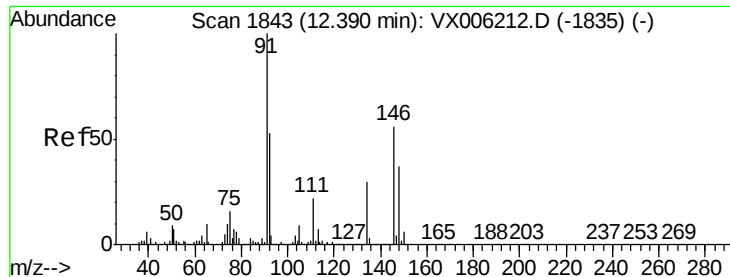
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#88
 1,4-Dichlorobenzene
 Concen: 19.342 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006313.D
 Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.3	54.8
148	64.6	31.9	95.9





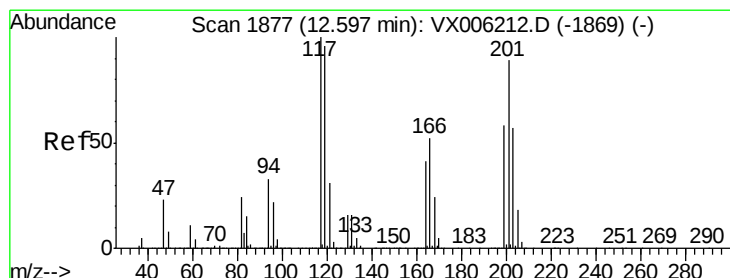
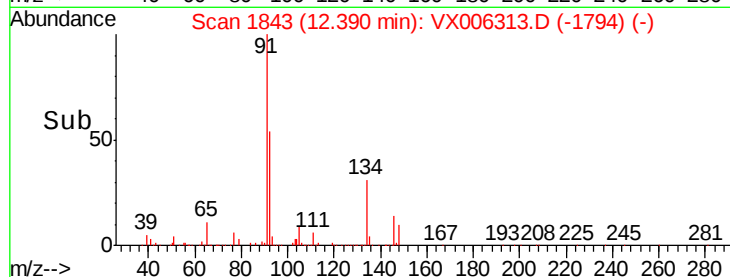
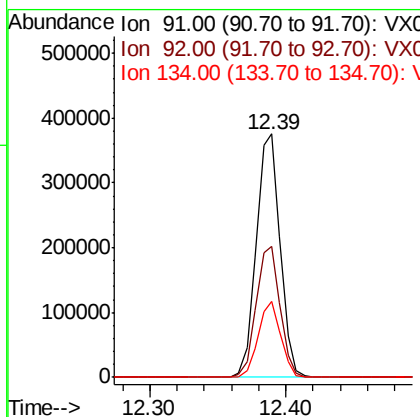
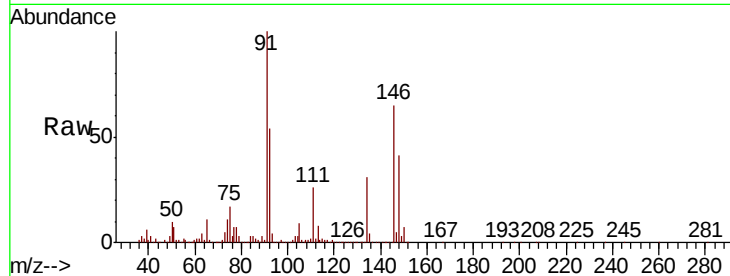
#89
n-Butylbenzene
Concen: 19.040 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.6	79.8
134	29.8	14.8	44.3

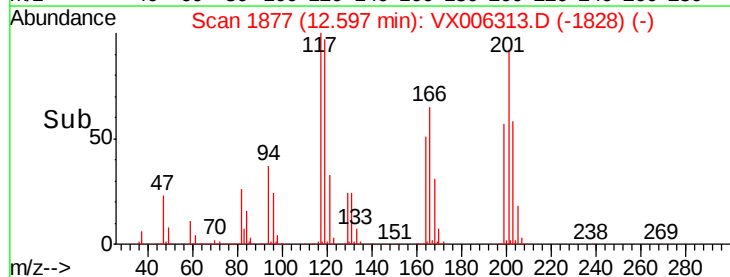
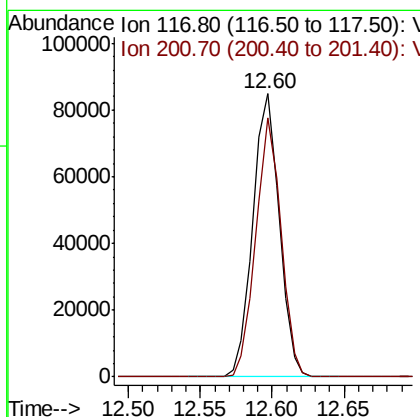
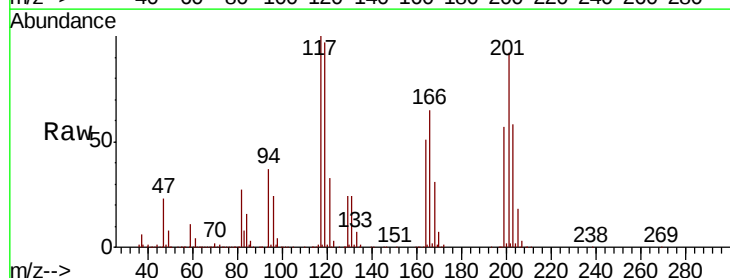
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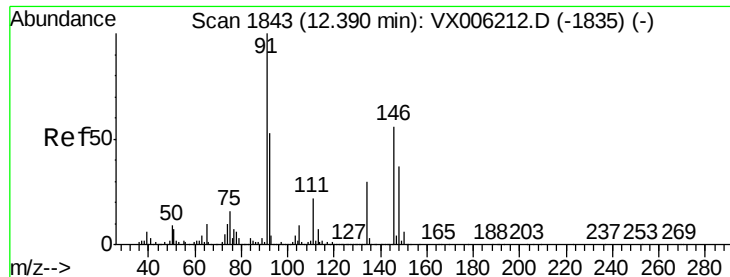
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#90
Hexachloroethane
Concen: 18.458 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.4	44.7	134.1





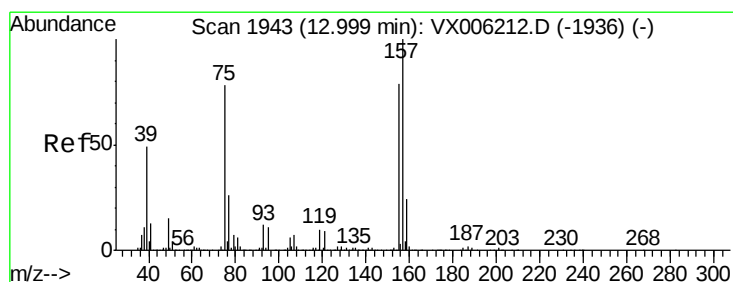
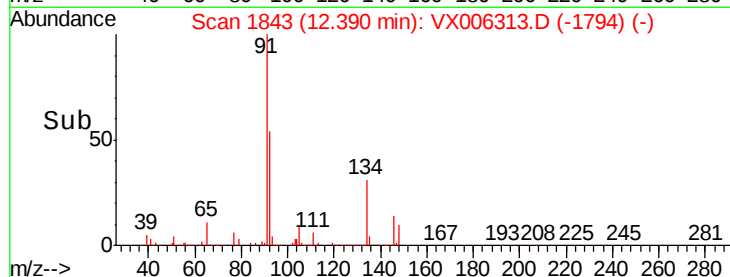
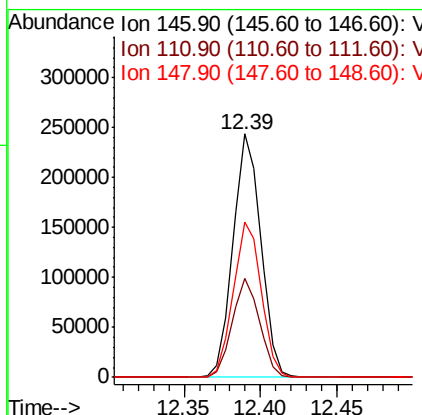
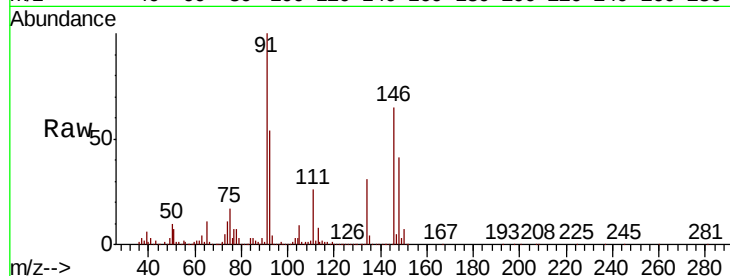
#91
 1,2-Dichlorobenzene
 Concen: 19.947 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006313.D
 Acq: 06 Dec 2018 12:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.1	57.3
148	64.2	32.1	96.3

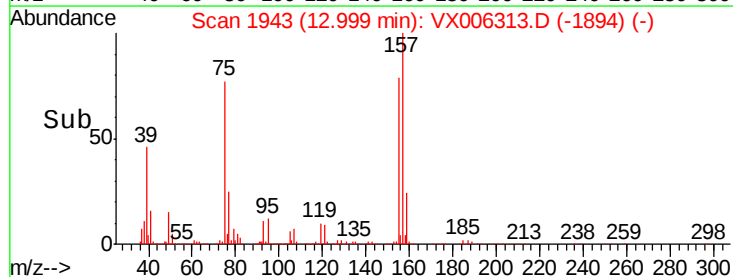
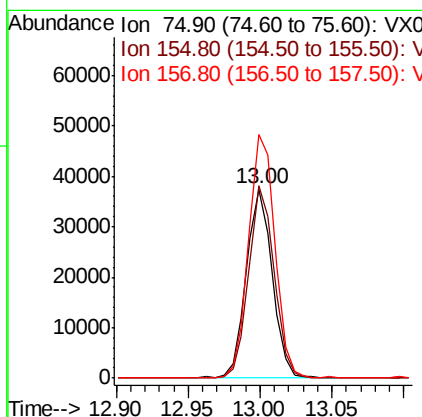
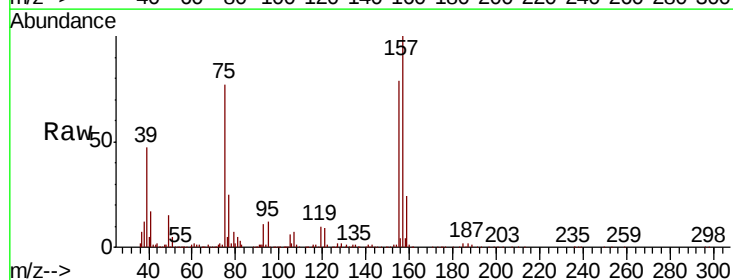
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.129 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006313.D
 Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.7	53.4	160.3
157	130.9	68.0	203.8





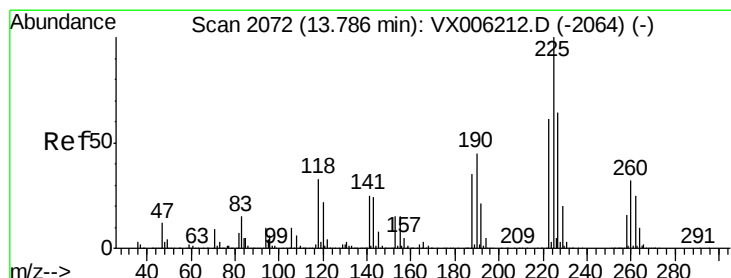
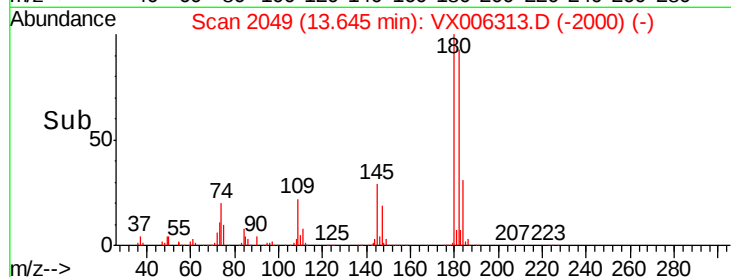
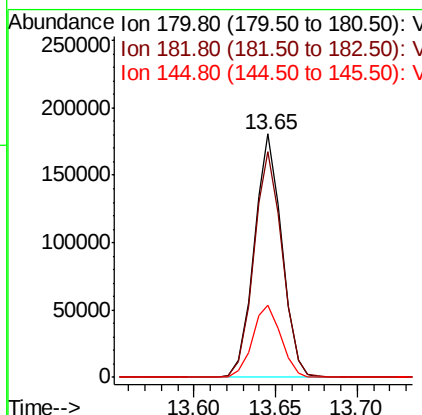
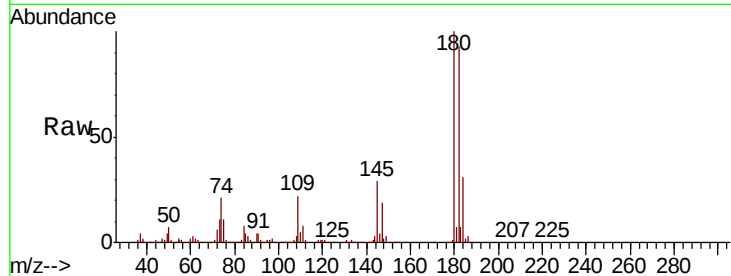
#93
1,2,4-Trichlorobenzene
Concen: 18.968 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.9
145	30.6	14.6	43.8

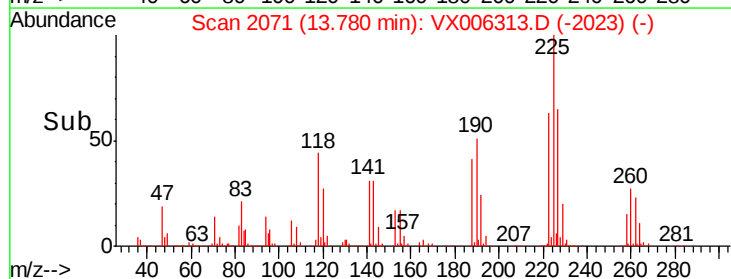
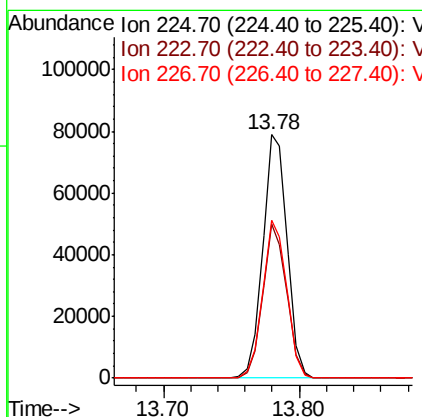
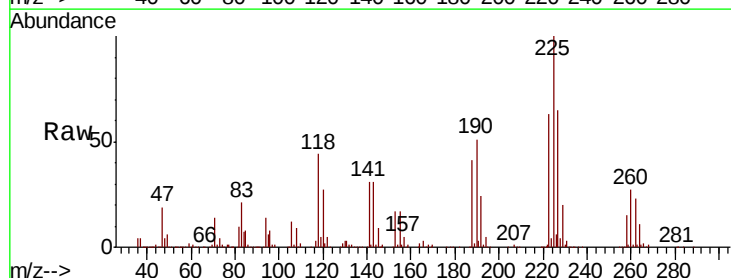
Manual Integrations
APPROVED

MMDadoda
12/7/2018 11:19:09 AM



#94
Hexachlorobutadiene
Concen: 20.009 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX006313.D
Acq: 06 Dec 2018 12:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.2	93.6
227	64.2	31.9	95.5





#95

Naphthalene

Concen: 19.653 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Instrument :

MSVOA_X

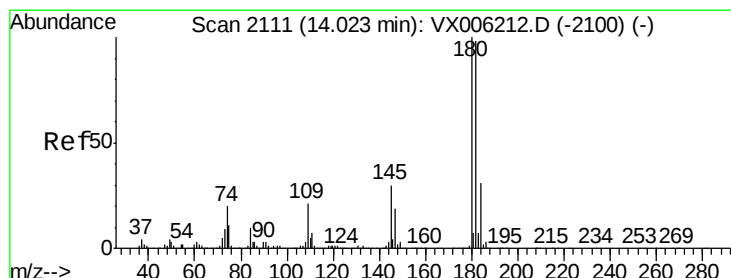
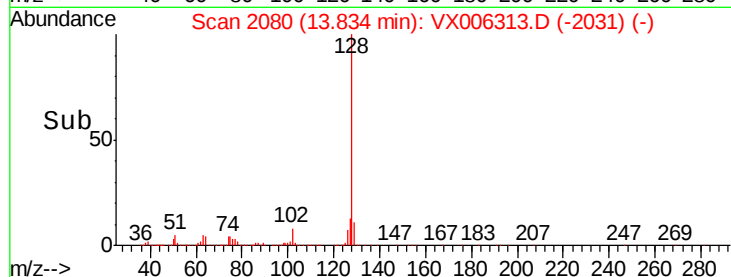
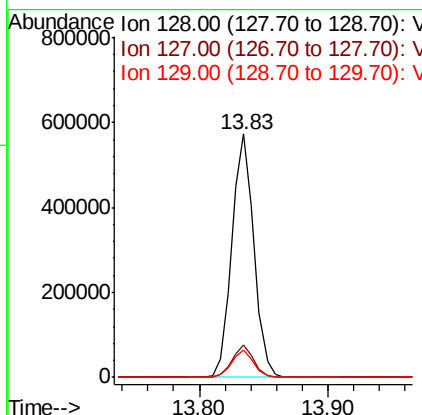
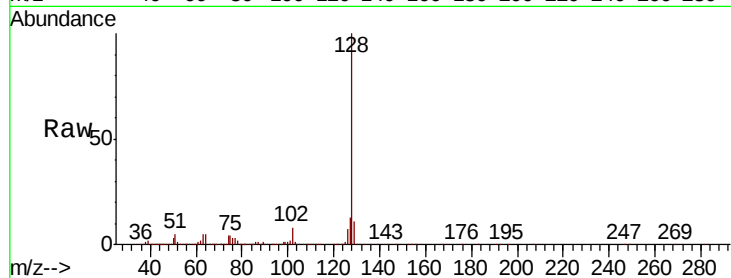
ClientSampleId :

VX1206WBS01

Tot Ion:	128	Resp:	685689
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/7/2018 11:19:09 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.152 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006313.D

Acq: 06 Dec 2018 12:58

Tgt Ion:	180	Resp:	212766
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.4	145.2
145	32.5	15.6	46.8

