

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006459.D
 Acq On : 12 Dec 2018 21:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 12/13/2018 11:05:21 AM

Quant Time: Dec 13 07:13:38 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	572314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	871510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	791931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	408506	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	302588	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
35) Dibromofluoromethane	5.51	113	288749	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	8.71	98	1034233	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.13	95	389401	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	289769	51.710	ug/l	100
3) Chloromethane	1.33	50	294458	51.134	ug/l	98
4) Vinyl Chloride	1.41	62	326330	52.653	ug/l	97
5) Bromomethane	1.64	94	310288	72.240	ug/l	98
6) Chloroethane	1.71	64	210980	55.520	ug/l	100
7) Trichlorofluoromethane	1.93	101	513452	53.970	ug/l	98
8) Diethyl Ether	2.19	74	199429	55.388	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	294230	54.390	ug/l	99
10) Methyl Iodide	2.51	142	476747	58.478	ug/l	98
11) Tert butyl alcohol	3.08	59	387296	242.398	ug/l	100
12) 1,1-Dichloroethene	2.37	96	283330	54.711	ug/l	91
13) Acrolein	2.30	56	193271	221.316	ug/l	99
14) Allyl chloride	2.73	41	488926	47.794	ug/l	97
15) Acrylonitrile	3.15	53	875877	262.699	ug/l	99
16) Acetone	2.45	43	711526	259.510	ug/l	100
17) Carbon Disulfide	2.57	76	788327	49.401	ug/l	98
18) Methyl Acetate	2.78	43	468809	51.129	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	980736	53.087	ug/l	97
20) Methylene Chloride	2.86	84	313418	53.711	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	302657	54.842	ug/l	95
22) Diisopropyl ether	3.87	45	887383	55.535	ug/l	99
23) Vinyl Acetate	3.82	43	3659351	268.508	ug/l	100
24) 1,1-Dichloroethane	3.70	63	507942	55.616	ug/l	100
25) 2-Butanone	4.70	43	1052422	269.013	ug/l	98
26) 2,2-Dichloropropane	4.59	77	381042	45.207	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	350307	56.907	ug/l	97
28) Bromochloromethane	5.02	49	202463	50.752	ug/l	97
29) Tetrahydrofuran	5.15	42	716582	263.551	ug/l	97
30) Chloroform	5.22	83	541801	56.451	ug/l	96
31) Cyclohexane	5.57	56	460656	54.578	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	495488	54.259	ug/l	100
36) 1,1-Dichloropropene	5.80	75	398423	54.288	ug/l	100
37) Ethyl Acetate	4.85	43	421277	51.258	ug/l	98
38) Carbon Tetrachloride	5.78	117	440066	50.970	ug/l	99

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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	515884	54.154	ug/l	98
40) Benzene	6.14	78	1234452	56.160	ug/l	99
41) Methacrylonitrile	5.06	41	227919	50.398	ug/l	98
42) 1,2-Dichloroethane	6.20	62	406142	56.456	ug/l	100
43) Isopropyl Acetate	6.46	43	686764	50.118	ug/l	99
44) Trichloroethene	7.21	130	371868	55.845	ug/l	95
45) 1,2-Dichloropropane	7.52	63	304284	54.467	ug/l	99
46) Dibromomethane	7.66	93	220426	54.633	ug/l	98
47) Bromodichloromethane	7.90	83	402196	51.476	ug/l	100
48) Methyl methacrylate	7.77	41	340977	51.149	ug/l	96
49) 1,4-Dioxane	7.76	88	166239	1011.790	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2066058	258.998	ug/l	98
52) Toluene	8.79	92	813029	56.221	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	448058	49.034	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	483651	50.973	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	333231	56.720	ug/l	99
56) Ethyl methacrylate	9.18	69	492568	53.631	ug/l	97
57) 1,3-Dichloropropane	9.37	76	524889	56.500	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1111095	238.399	ug/l	99
59) 2-Hexanone	9.49	43	1541791	252.979	ug/l	98
60) Dibromochloromethane	9.59	129	366545	50.597	ug/l	100
61) 1,2-Dibromoethane	9.67	107	370903	56.462	ug/l	97
64) Tetrachloroethene	9.34	164	338354	56.733	ug/l	98
65) Chlorobenzene	10.14	112	949798	56.499	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	349757	53.548	ug/l	98
67) Ethyl Benzene	10.25	91	1555241	55.624	ug/l	100
68) m/p-Xylenes	10.36	106	1247153	111.353	ug/l	99
69) o-Xylene	10.70	106	610252	55.162	ug/l	100
70) Styrene	10.71	104	980742	54.812	ug/l	99
71) Bromoform	10.86	173	281081	45.587	ug/l	99
73) Isopropylbenzene	11.02	105	1611453	57.121	ug/l	100
74) N-amyl acetate	10.90	43	603706	49.695	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	480957	53.290	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	448709m	56.908	ug/l	
77) Bromobenzene	11.26	156	441227	56.358	ug/l	99
78) n-propylbenzene	11.36	91	1768706	56.402	ug/l	100
79) 2-Chlorotoluene	11.42	91	1039481	55.770	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1320416	56.254	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	143492	42.707	ug/l	88
82) 4-Chlorotoluene	11.51	91	1191706	54.992	ug/l	100
83) tert-Butylbenzene	11.77	119	1384027	55.264	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1366746	56.390	ug/l	100
85) sec-Butylbenzene	11.94	105	1611659	56.567	ug/l	100
86) p-Isopropyltoluene	12.07	119	1434849	55.928	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	778169	55.860	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	774200	54.755	ug/l	99
89) n-Butylbenzene	12.39	91	1214481	55.481	ug/l	100
90) Hexachloroethane	12.60	117	250645	47.935	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	760287	54.991	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	107487	46.460	ug/l	98

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

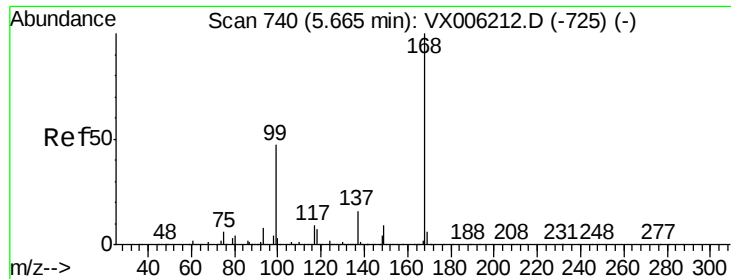
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	546380	54.168	ug/l	99
94) Hexachlorobutadiene	13.78	225	240304	53.871	ug/l	98
95) Naphthalene	13.83	128	1727268	55.051	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	549761	55.028	ug/l	99

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



#1

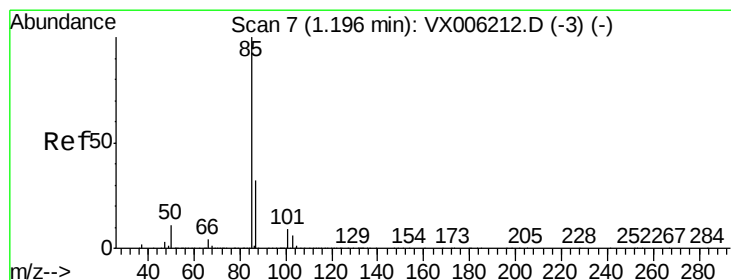
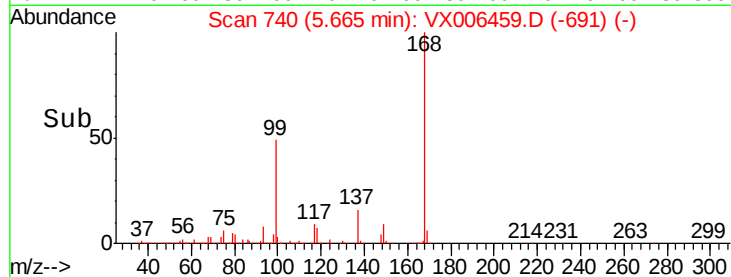
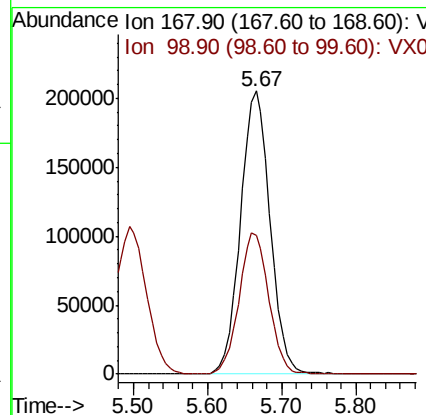
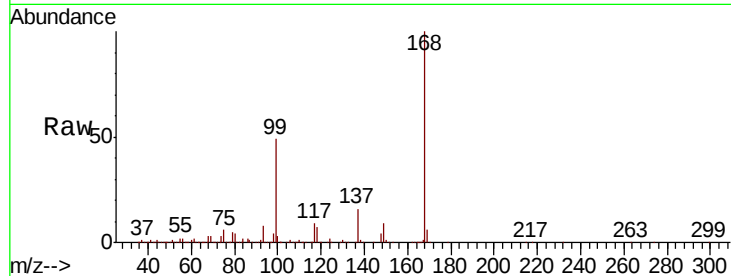
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX006459.D
 Acq: 12 Dec 2018 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.1	37.8	56.8

Manual Integrations
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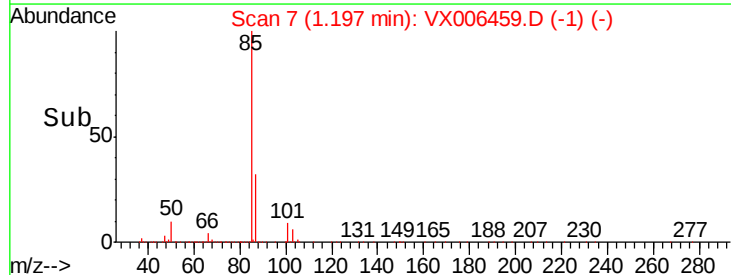
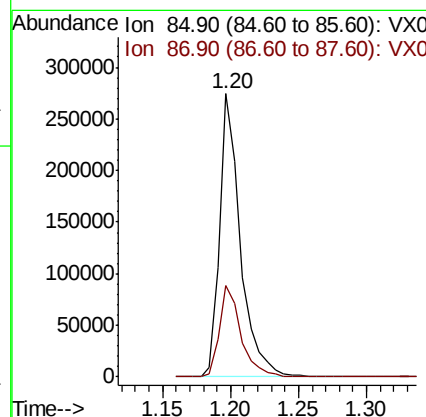
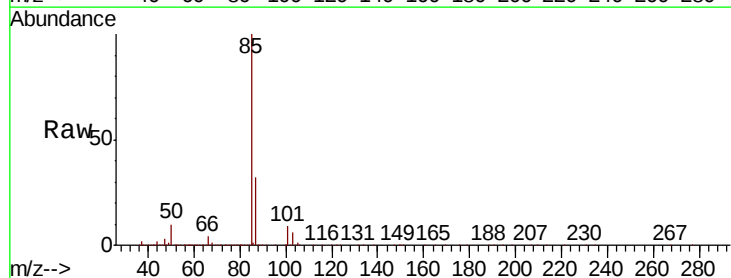
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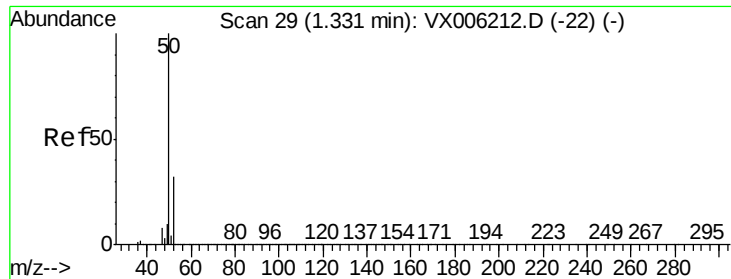


#2

Dichlorodifluoromethane
 Concen: 51.710 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX006459.D
 Acq: 12 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.1	48.2





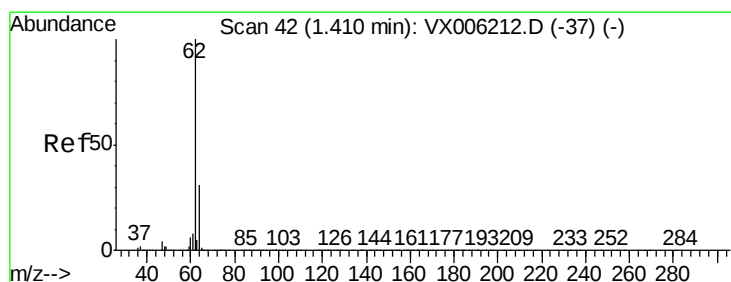
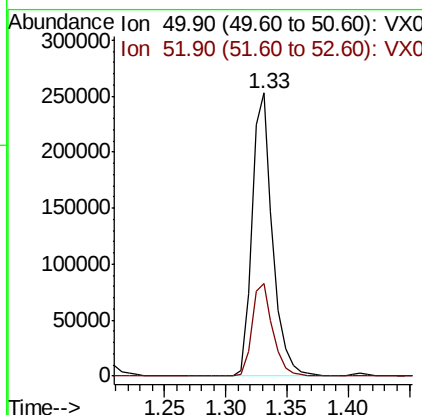
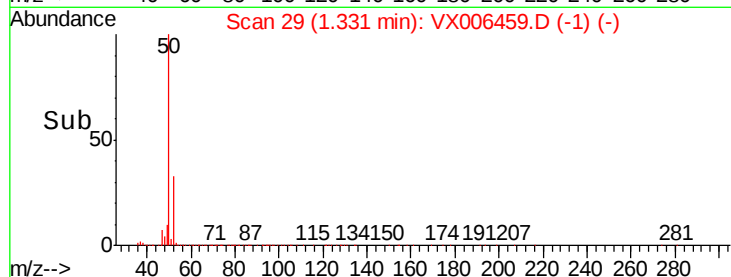
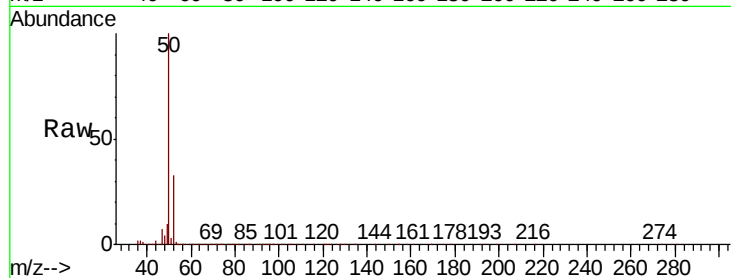
#3
Chloromethane
Concen: 51.134 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.8	25.2	37.8

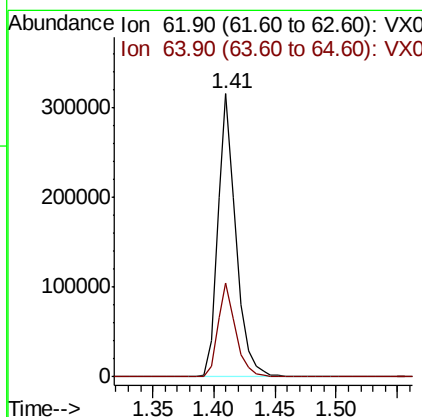
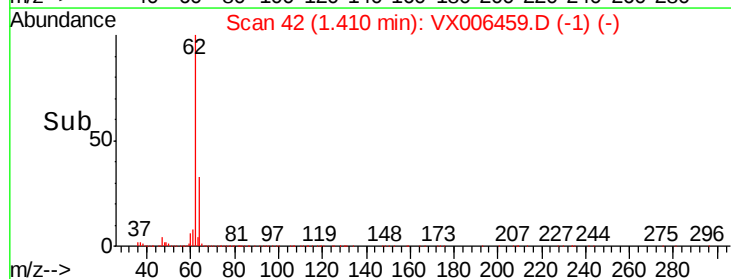
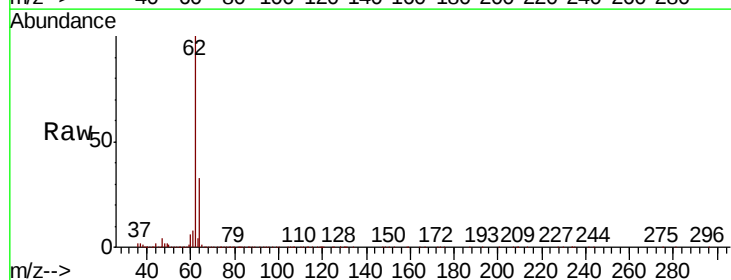
Manual Integrations
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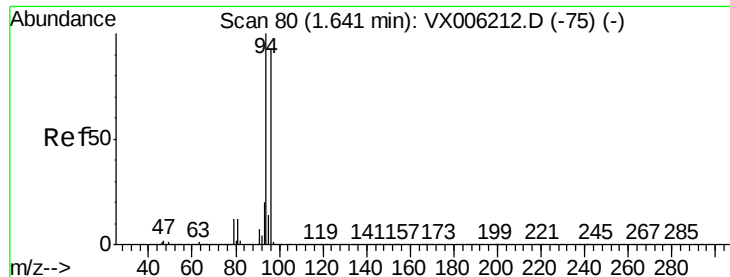
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#4
Vinyl Chloride
Concen: 52.653 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.9	24.9	37.3





#5

Bromomethane

Concen: 72.240 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 310288

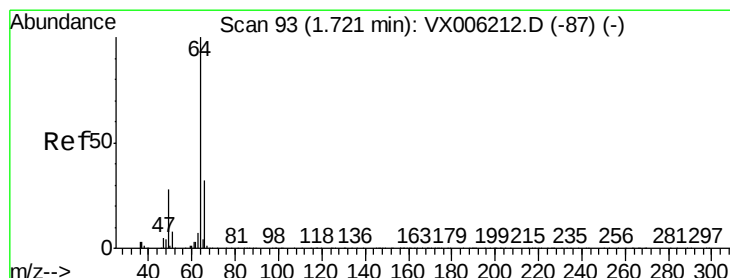
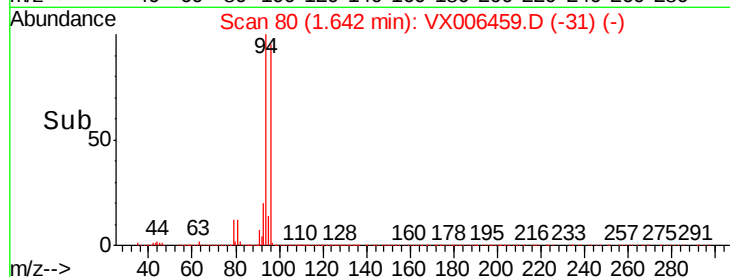
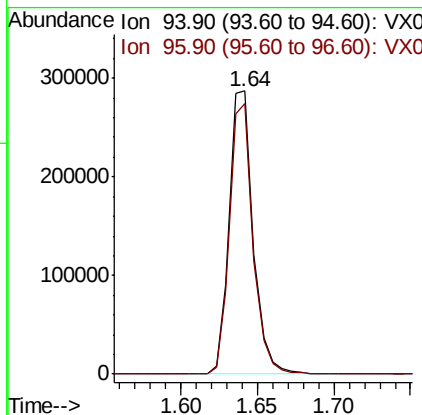
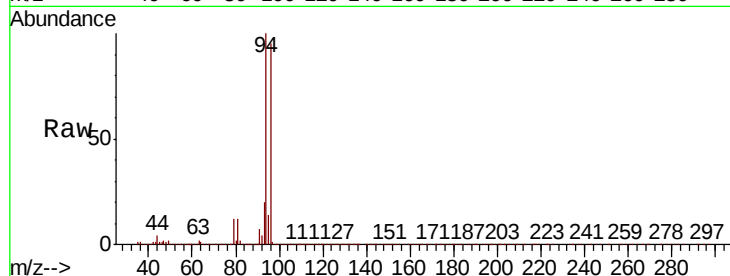
Ion Ratio Lower Upper

94 100

96 95.4 74.5 111.7

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#6

Chloroethane

Concen: 55.520 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006459.D

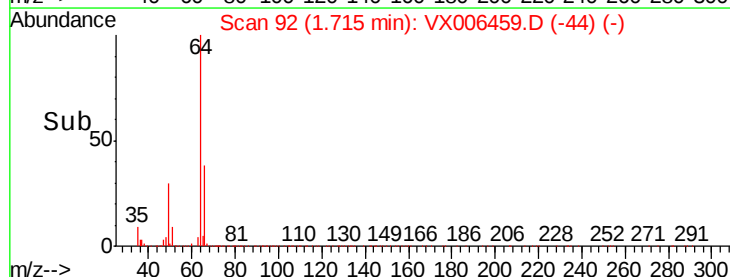
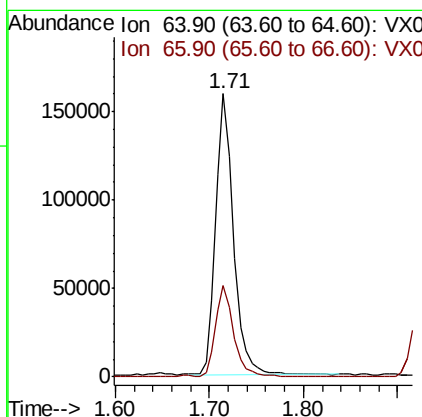
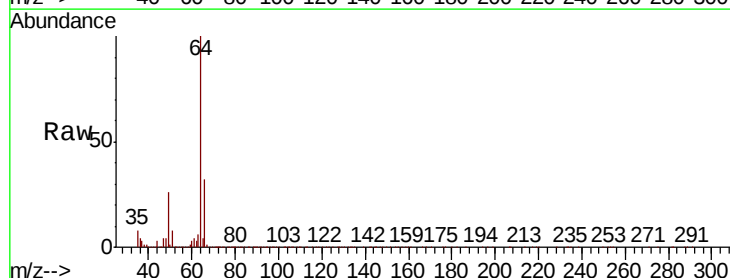
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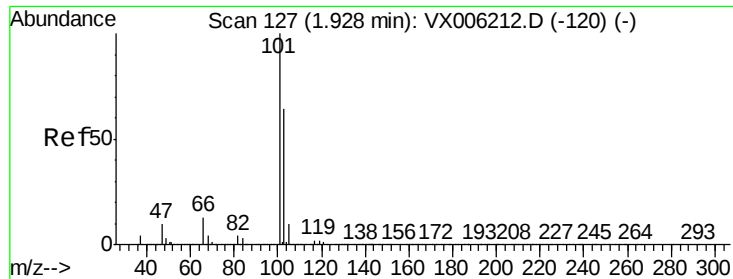
Tgt Ion: 64 Resp: 210980

Ion Ratio Lower Upper

64 100

66 32.3 25.9 38.9





#7

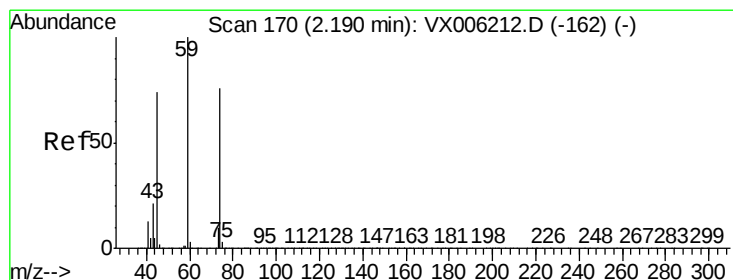
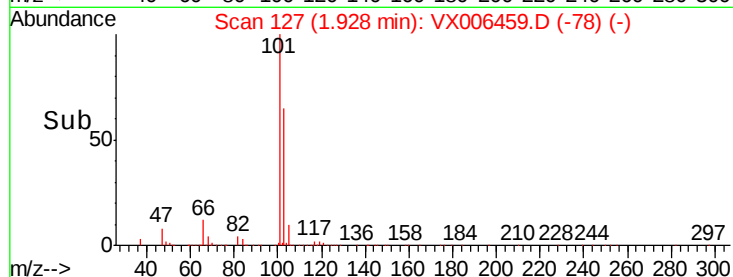
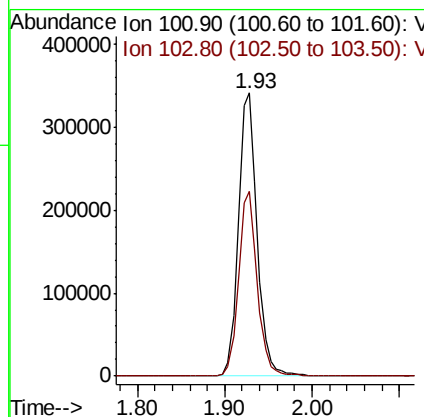
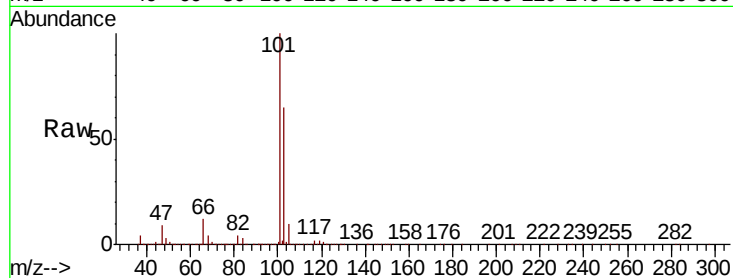
Trichlorofluoromethane
Concen: 53.970 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.0	76.4

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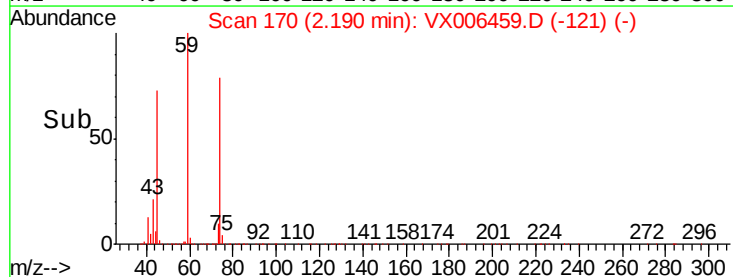
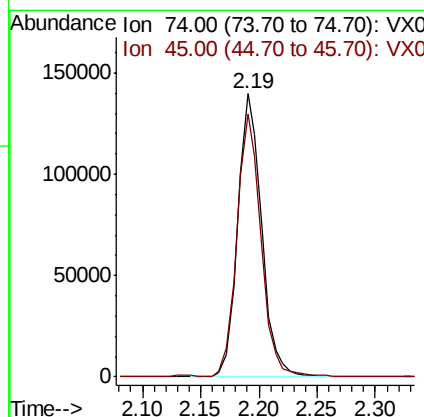
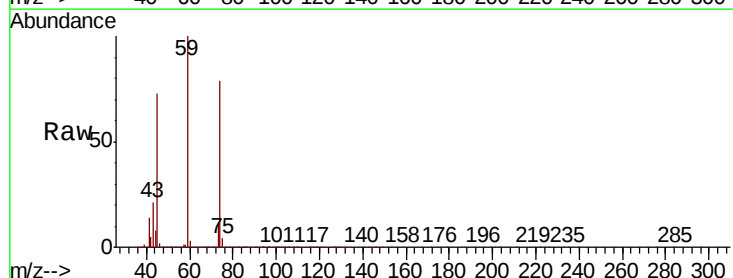
MMDadoda
12/13/2018 11:05:21 AM

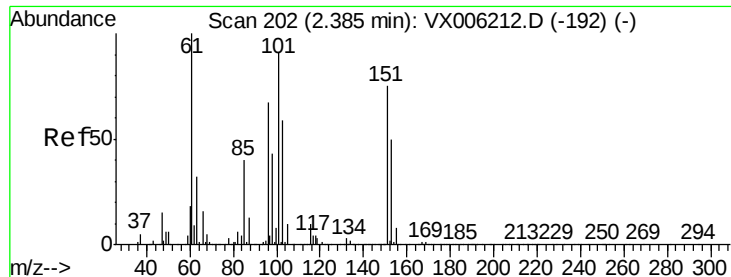


#8

Diethyl Ether
Concen: 55.388 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.2	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.390 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

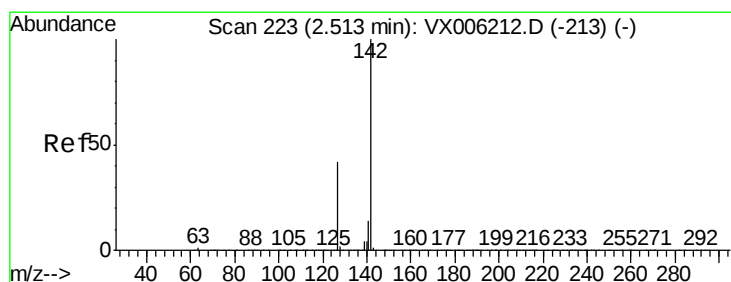
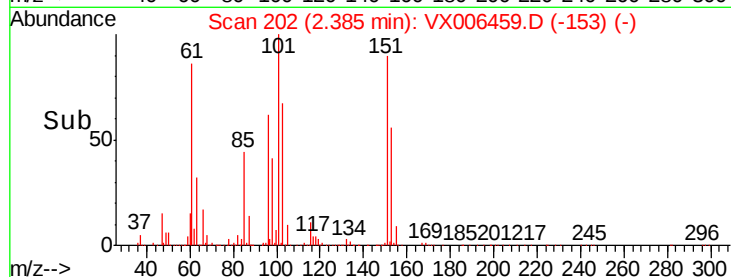
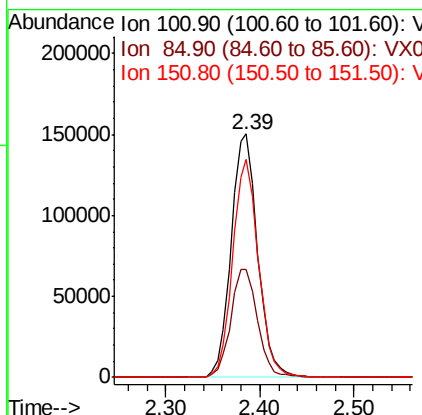
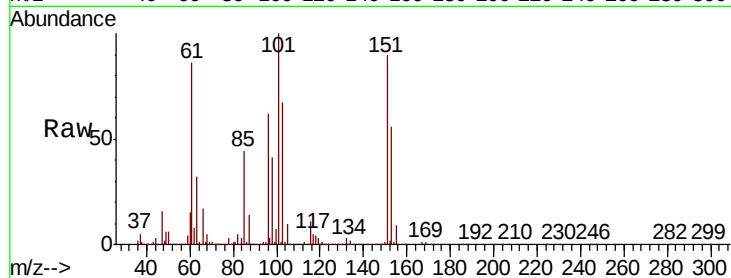
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	294230
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.5	53.3
151	87.1	68.6	103.0

Manual Integrations
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#10

Methyl Iodide

Concen: 58.478 ug/l

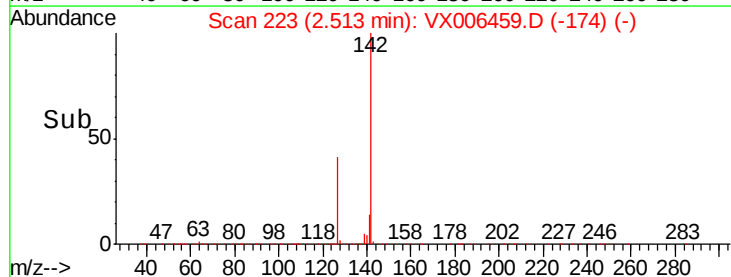
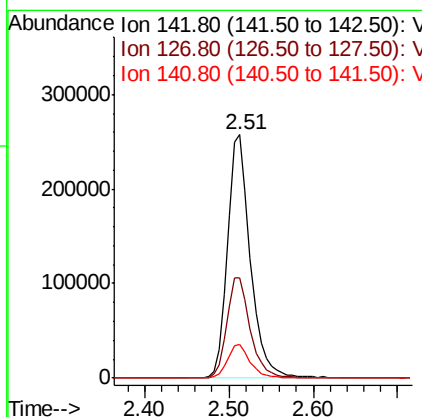
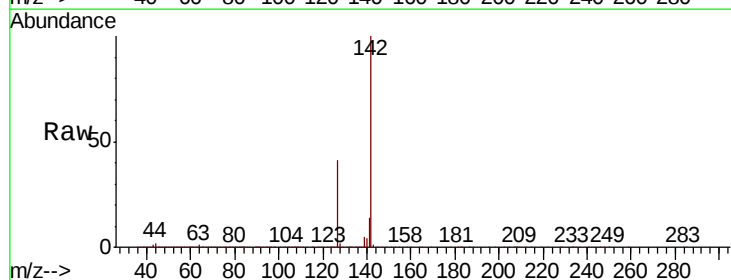
RT: 2.51 min Scan# 223

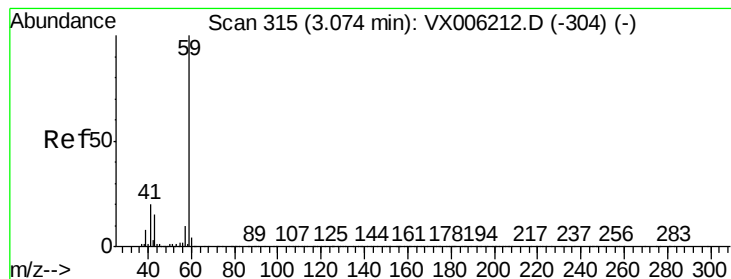
Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Tgt Ion:	142	Resp:	476747
Ion Ratio	Lower	Upper	
142	100		
127	42.2	34.8	52.2
141	13.7	11.4	17.2





#11

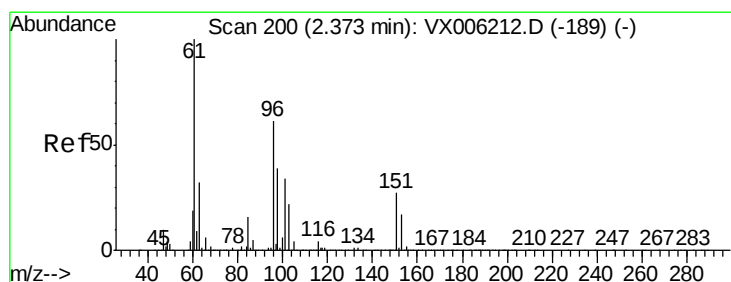
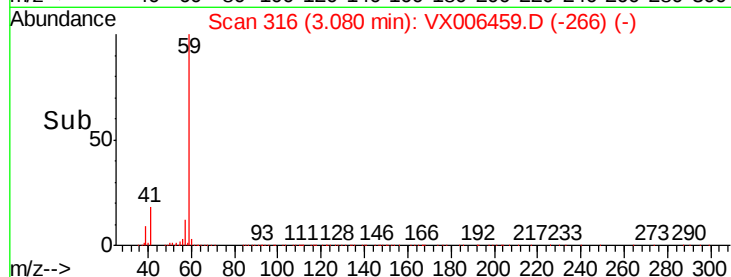
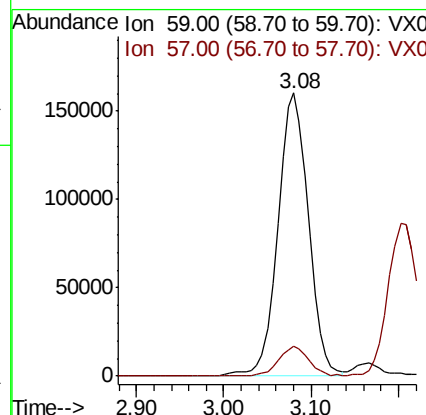
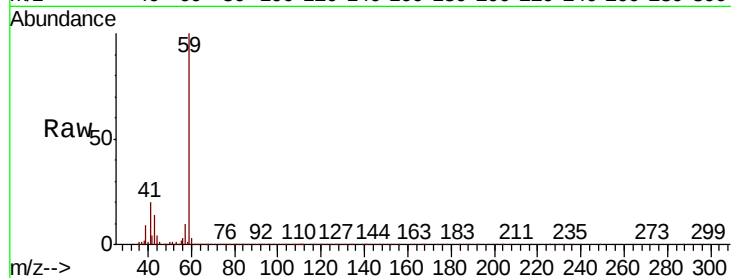
Tert butyl alcohol
Concen: 242.398 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.2

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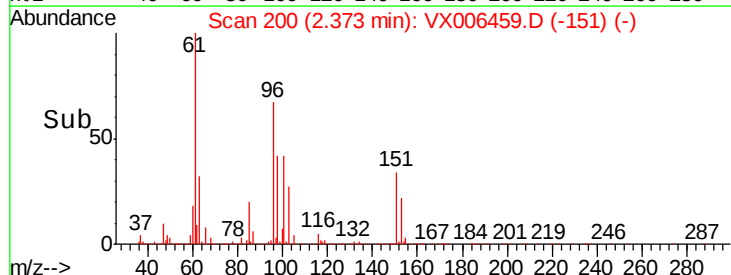
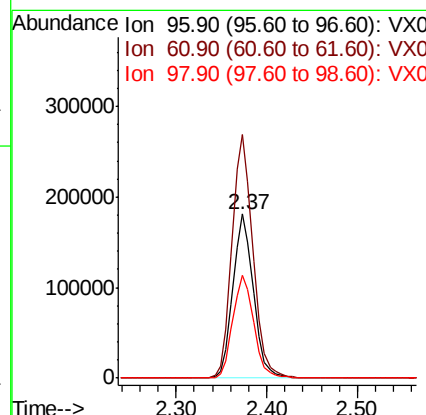
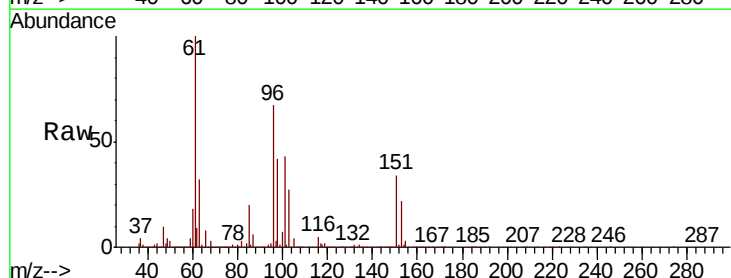
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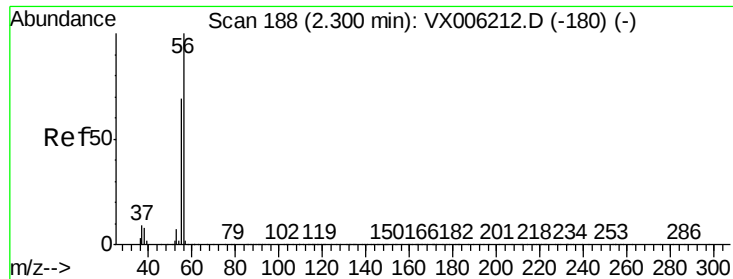


#12

1,1-Dichloroethene
Concen: 54.711 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.7	131.7	197.5
98	62.6	51.8	77.6





#13

Acrolein

Concen: 221.316 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 193271

Ion Ratio Lower Upper

56 100

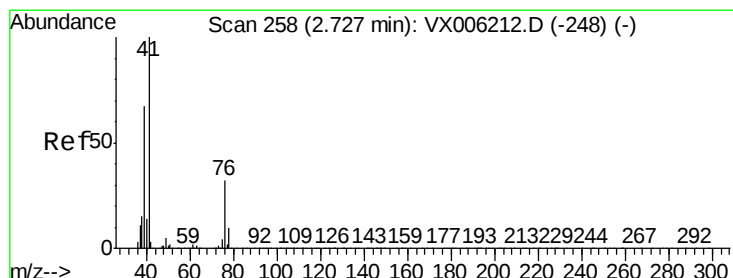
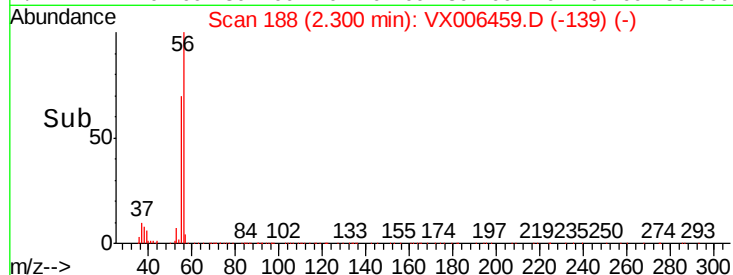
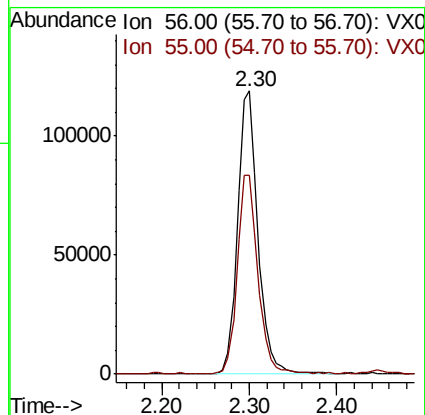
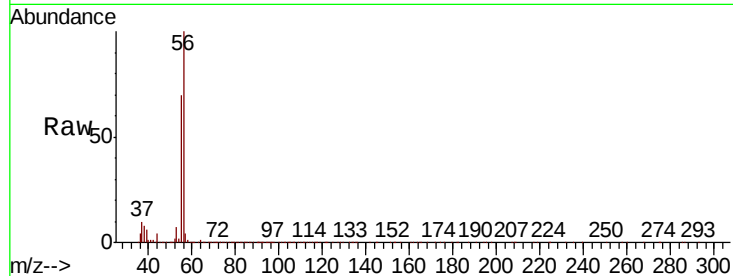
55 71.0 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 47.794 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

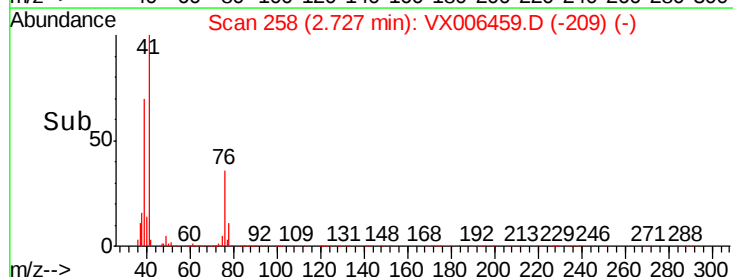
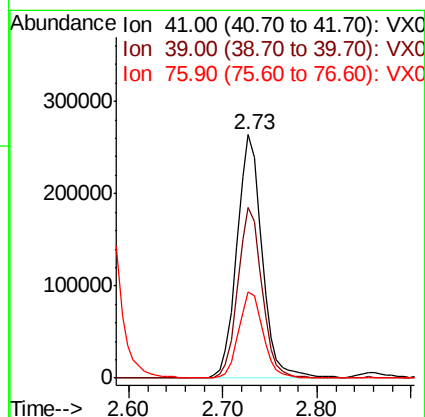
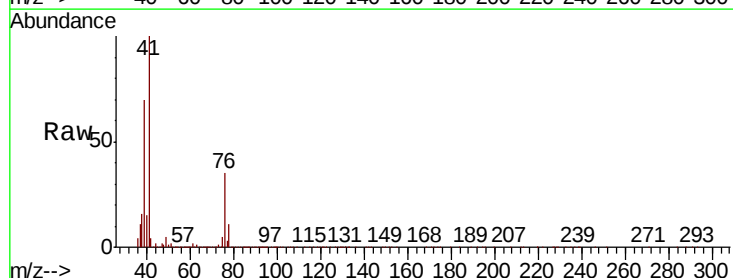
Tgt Ion: 41 Resp: 488926

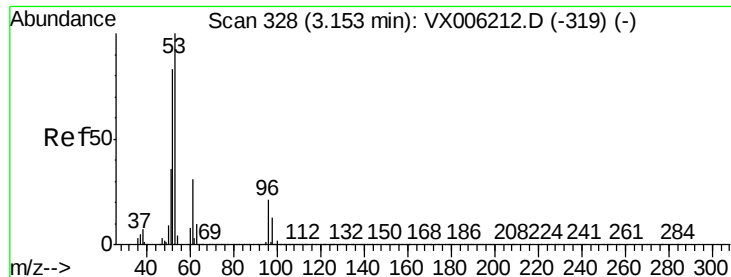
Ion Ratio Lower Upper

41 100

39 67.5 52.4 78.6

76 34.3 25.4 38.0





#15

Acrylonitrile

Concen: 262.699 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

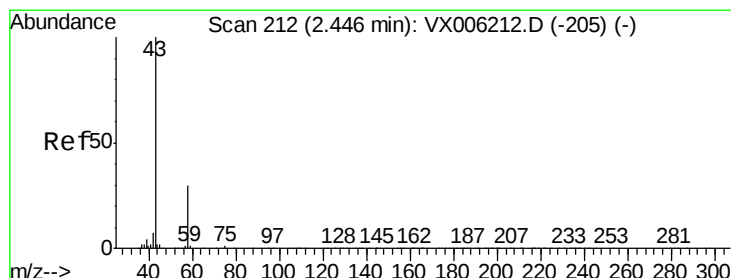
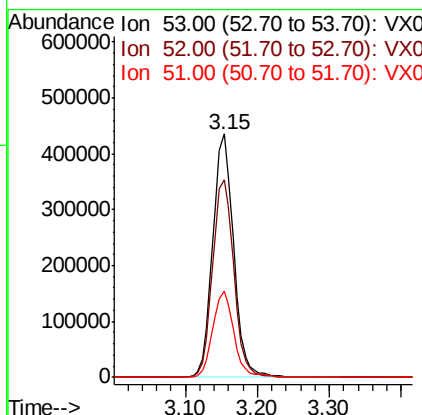
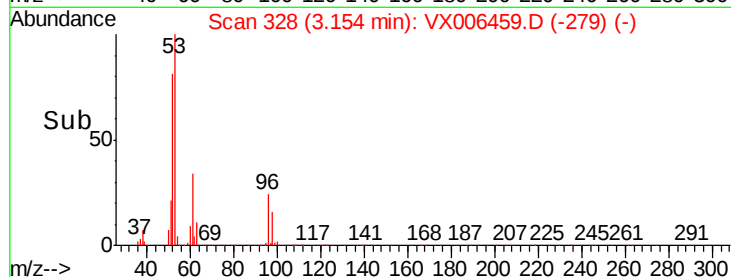
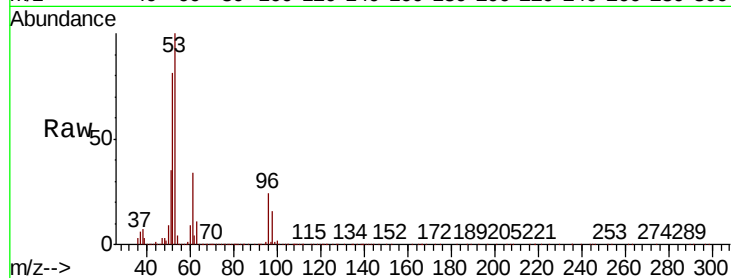
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	875877
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.2	99.4
51	35.6	28.7	43.1

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#16

Acetone

Concen: 259.510 ug/l

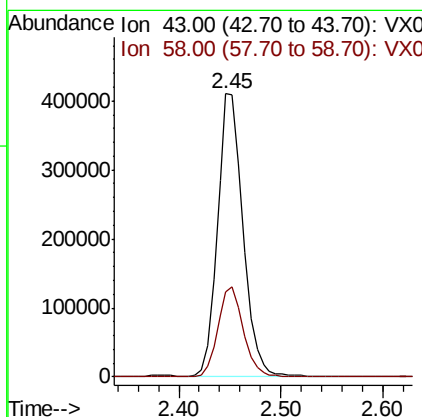
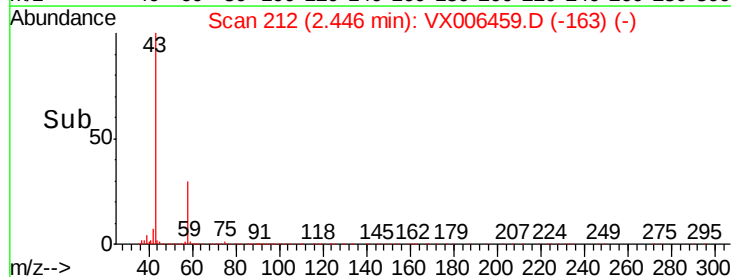
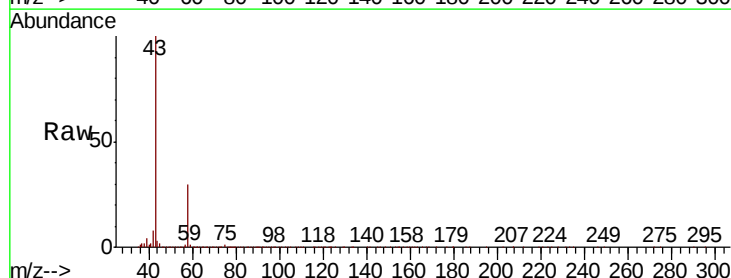
RT: 2.45 min Scan# 212

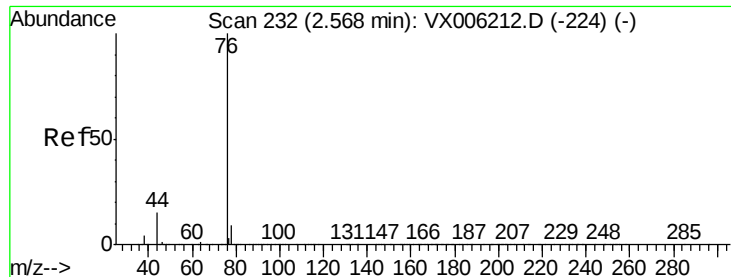
Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Tgt Ion:	43	Resp:	711526
Ion Ratio	Lower	Upper	
43	100		
58	30.0	24.0	36.0





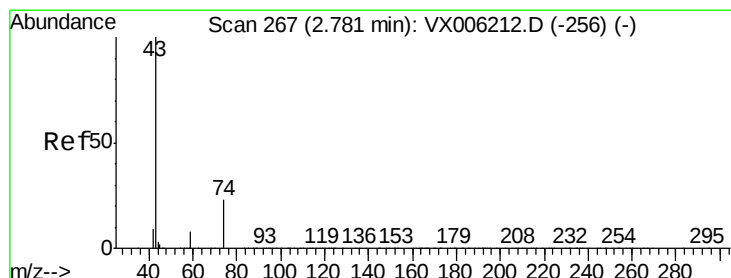
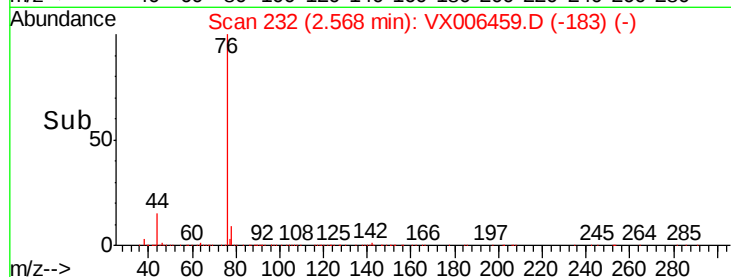
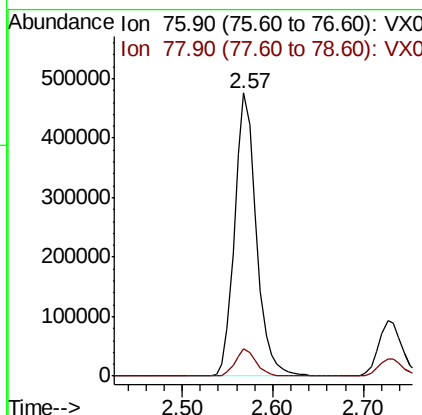
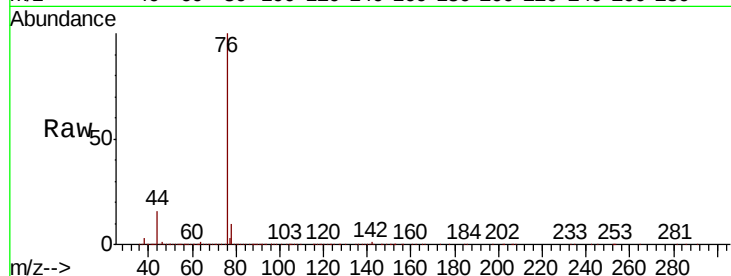
#17
Carbon Disulfide
Concen: 49.401 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

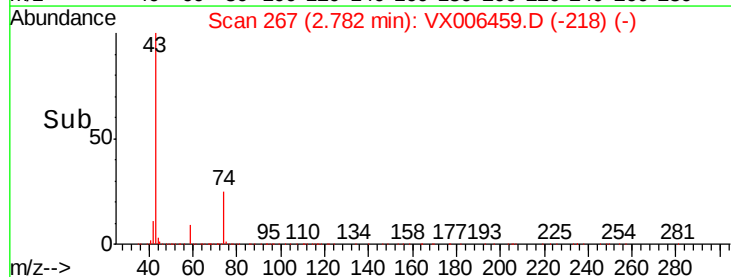
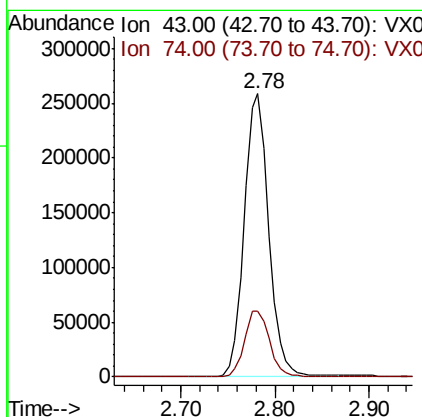
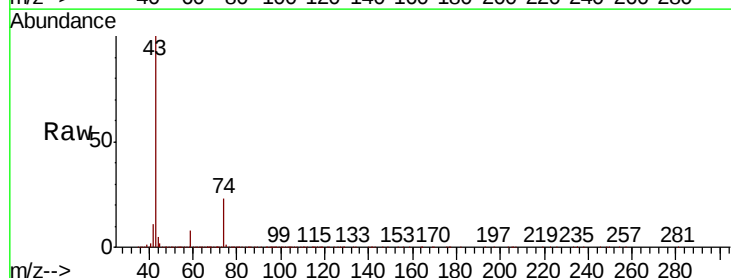
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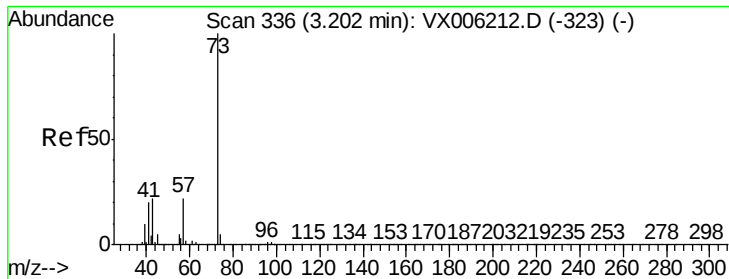
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#18
Methyl Acetate
Concen: 51.129 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	17.9	26.9





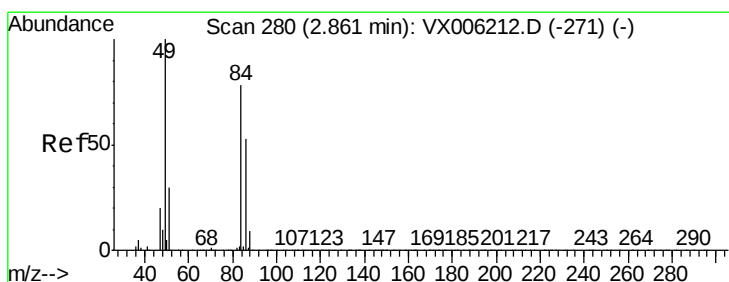
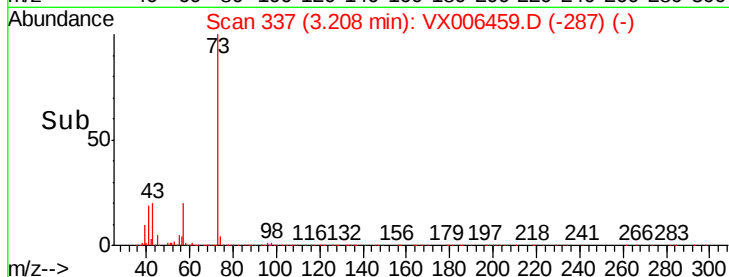
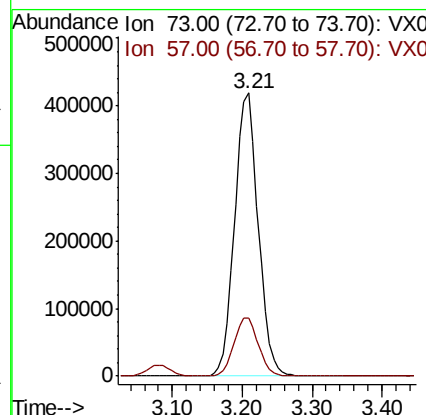
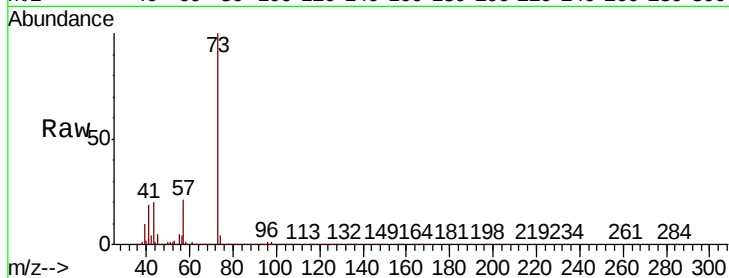
#19
Methyl tert-butyl Ether
Concen: 53.087 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	17.5	26.3

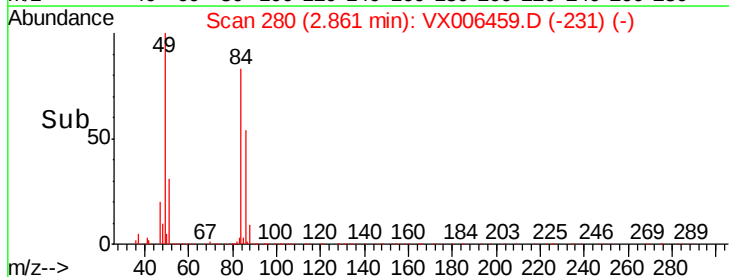
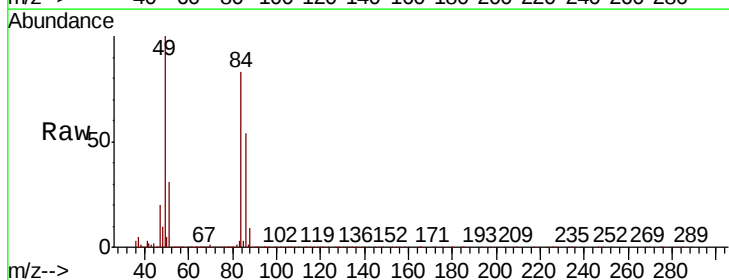
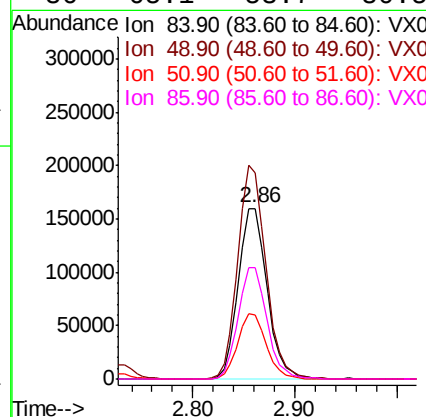
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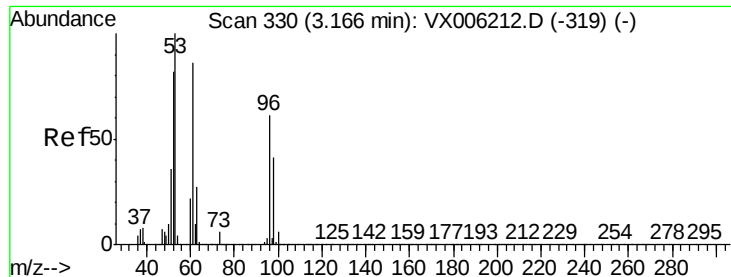
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#20
Methylene Chloride
Concen: 53.711 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.7	102.2	153.4
51	37.0	31.1	46.7
86	65.1	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 54.842 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

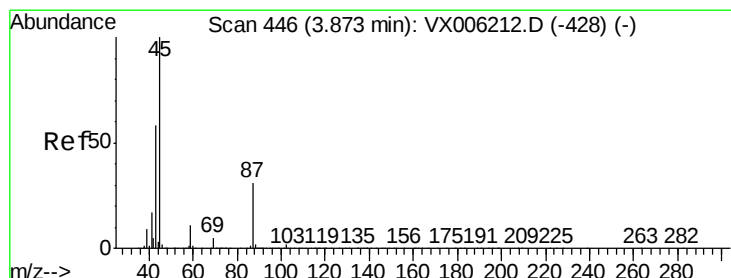
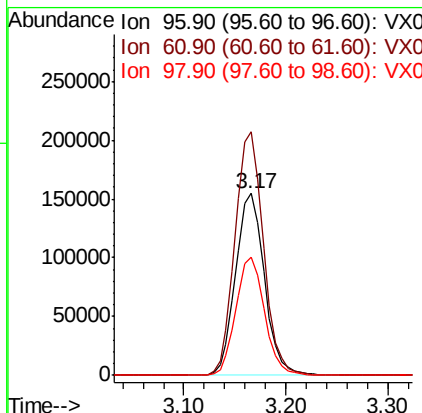
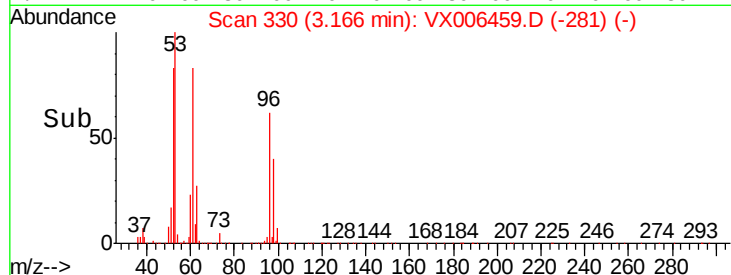
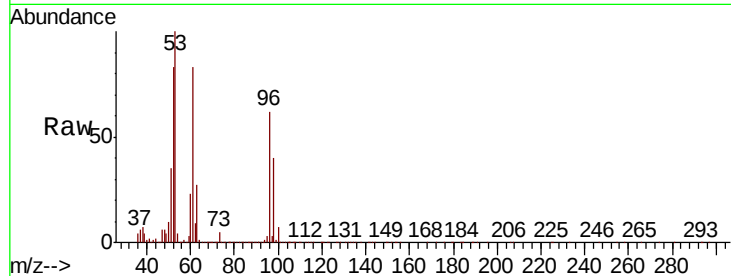
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	302657
Ion Ratio	Lower	Upper	
96	100		
61	133.7	113.3	169.9
98	64.8	53.2	79.8

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#22

Diisopropyl ether

Concen: 55.535 ug/l

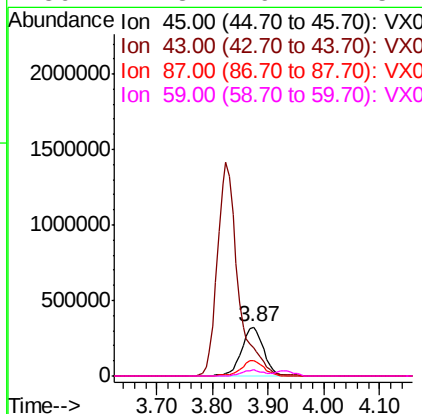
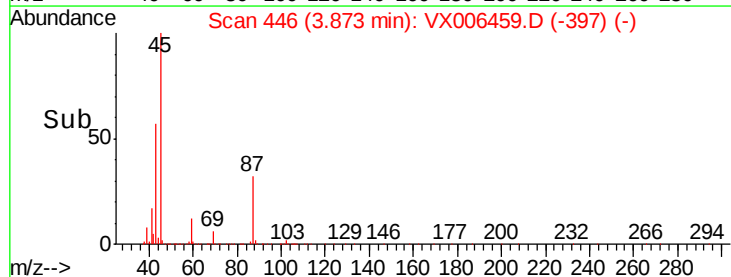
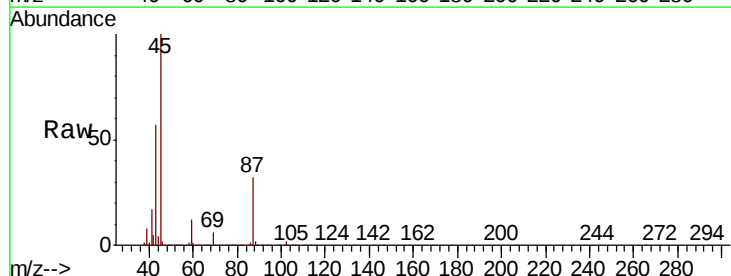
RT: 3.87 min Scan# 446

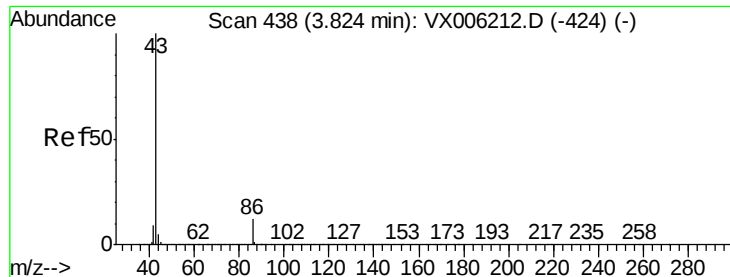
Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Tgt Ion:	45	Resp:	887383
Ion Ratio	Lower	Upper	
45	100		
43	57.0	46.2	69.2
87	31.9	24.9	37.3
59	12.3	9.1	13.7





#23

Vinyl Acetate

Concen: 268.508 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3659351

Ion Ratio Lower Upper

43 100

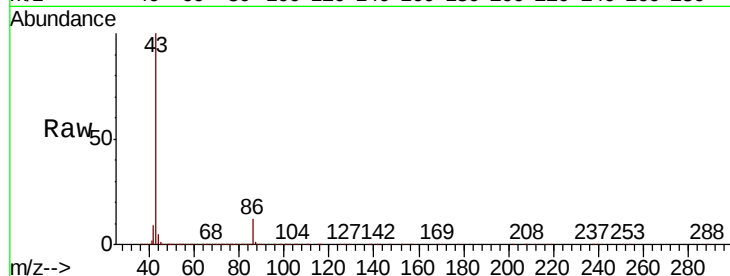
86 11.9 9.4 14.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1500000

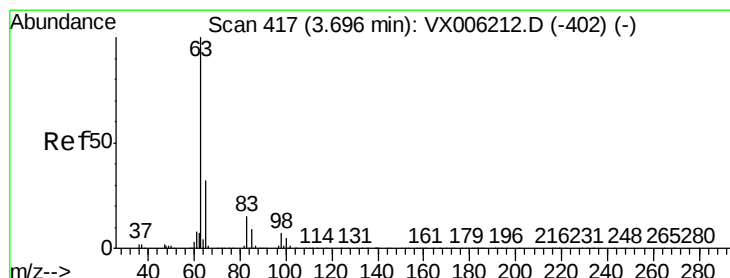
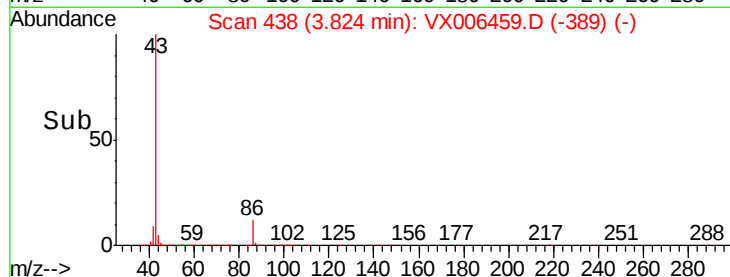
1000000

500000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 55.616 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

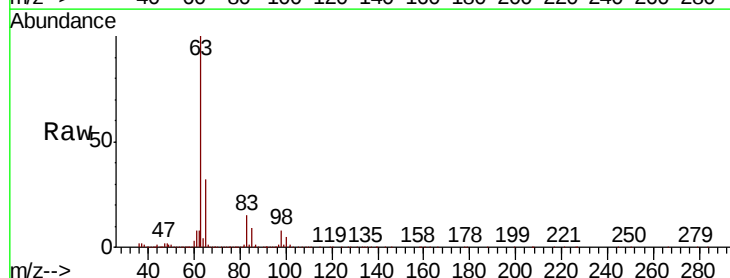
Tgt Ion: 63 Resp: 507942

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.9 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

150000

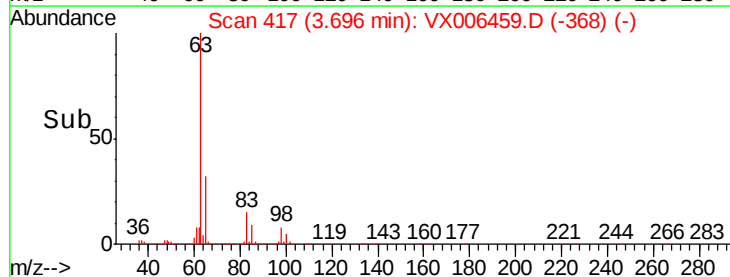
100000

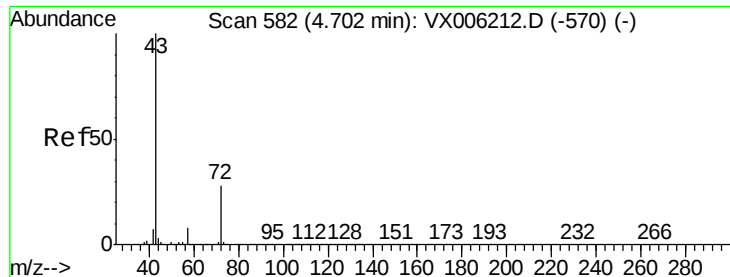
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 269.013 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1052422

Ion Ratio Lower Upper

43 100

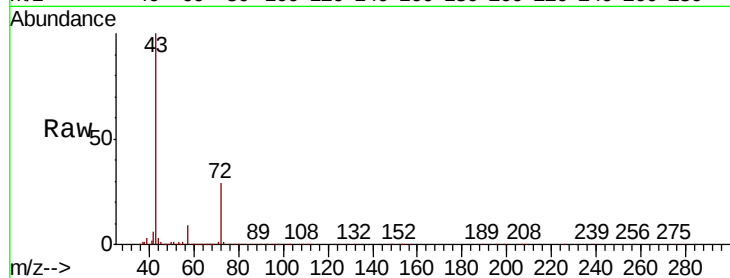
72 29.1 22.6 33.8

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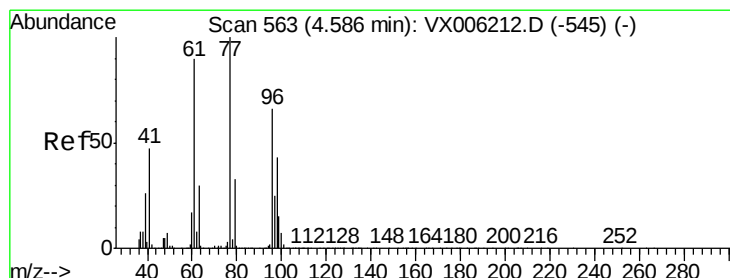
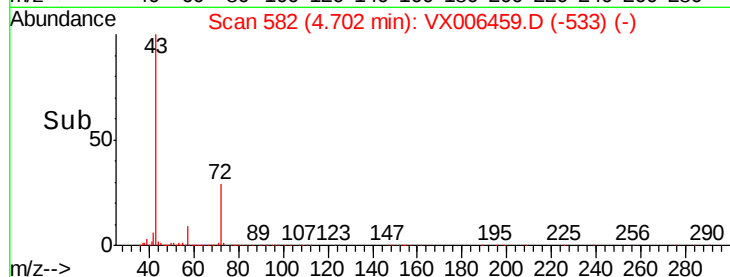
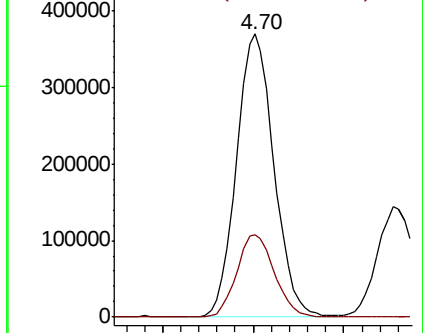
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.207 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006459.D

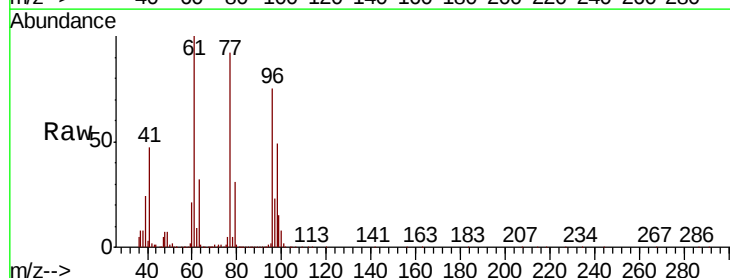
Acq: 12 Dec 2018 21:32

Tgt Ion: 77 Resp: 381042

Ion Ratio Lower Upper

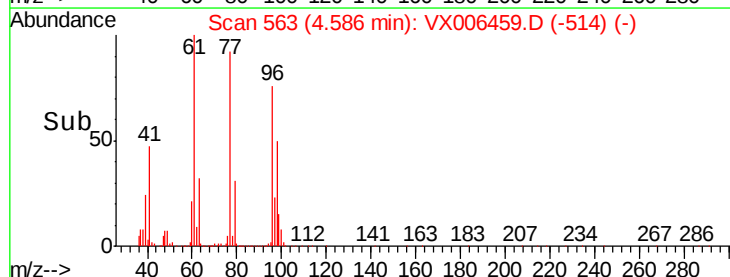
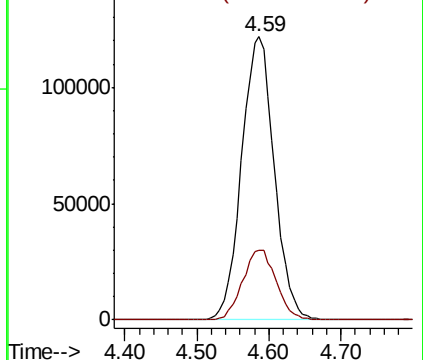
77 100

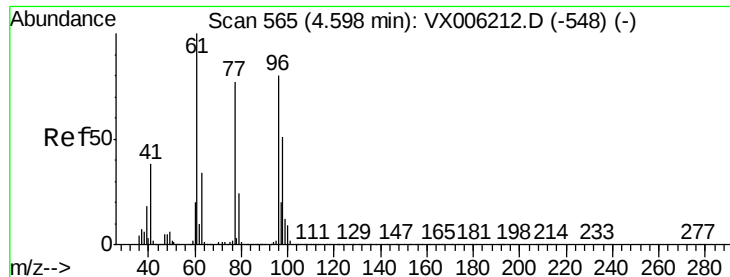
97 25.4 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

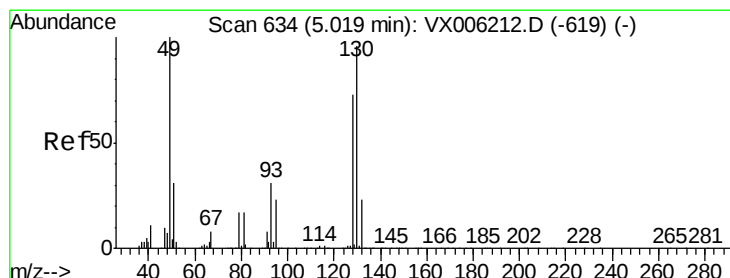
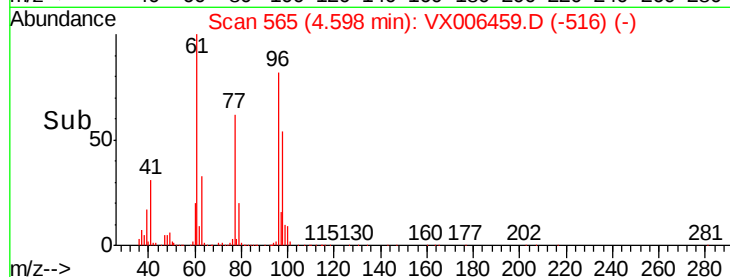
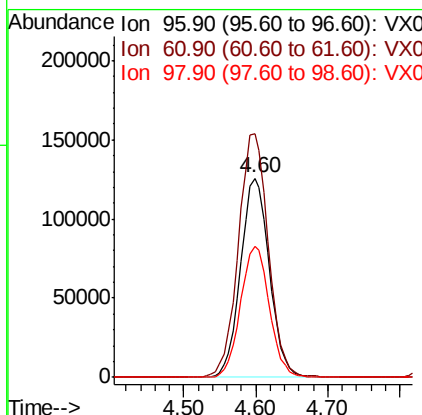
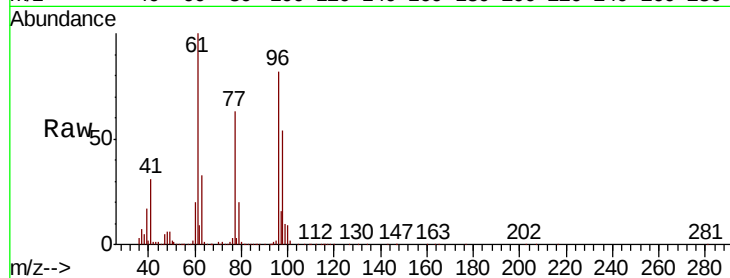
cis-1,2-Dichloroethene
Concen: 56.907 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.2	0.0	265.0
98	65.8	0.0	130.2

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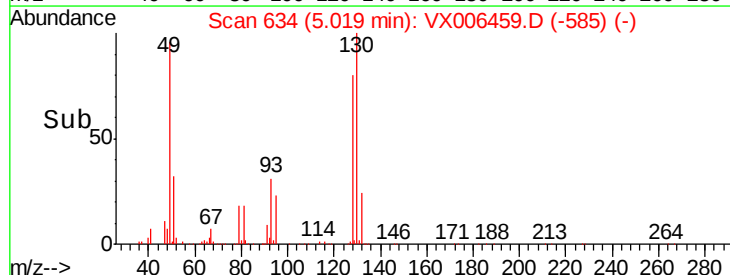
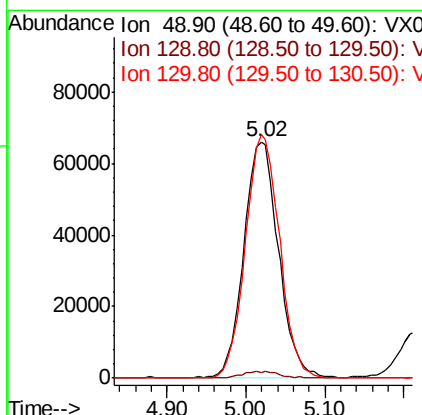
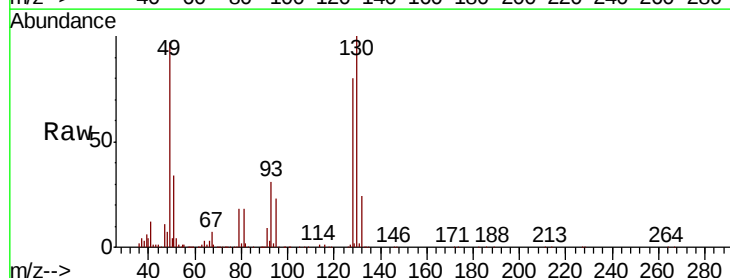
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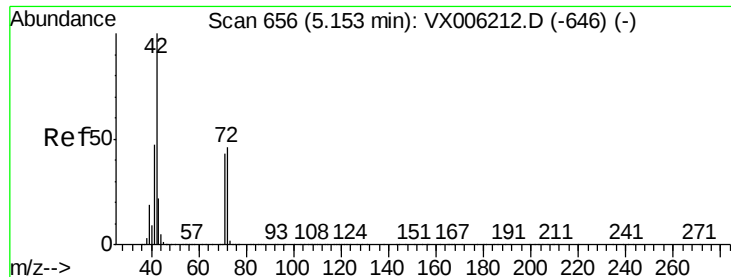


#28

Bromochloromethane
Concen: 50.752 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.0
130	101.2	78.3	117.5





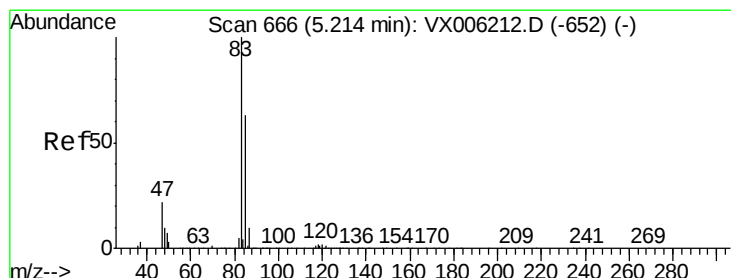
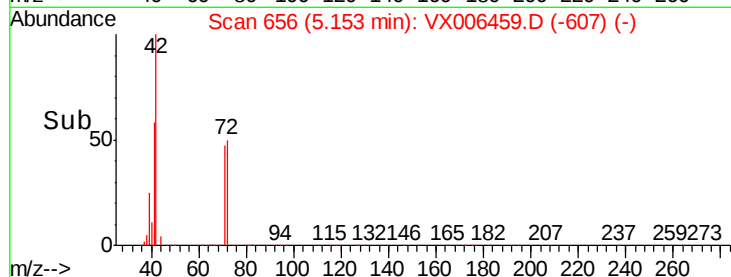
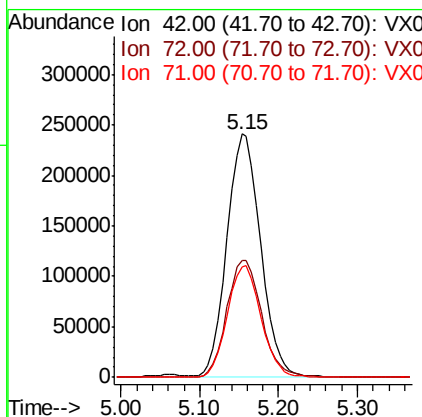
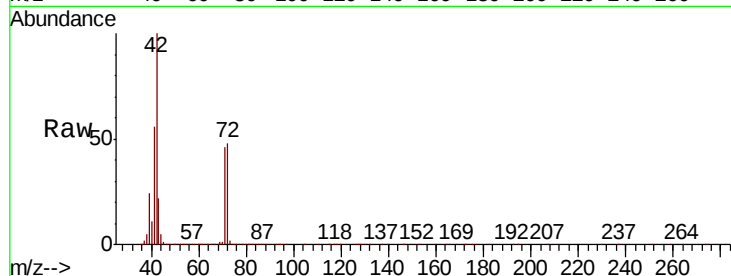
#29
Tetrahydrofuran
Concen: 263.551 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.6	37.8	56.8
71	46.2	35.2	52.8

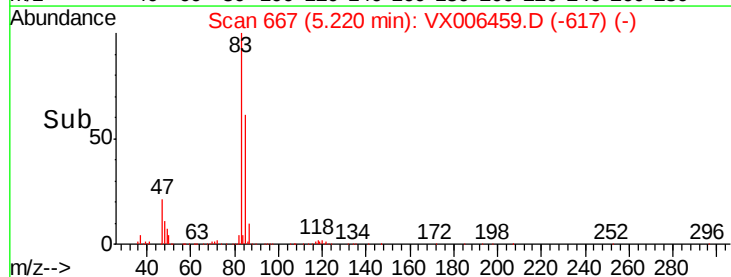
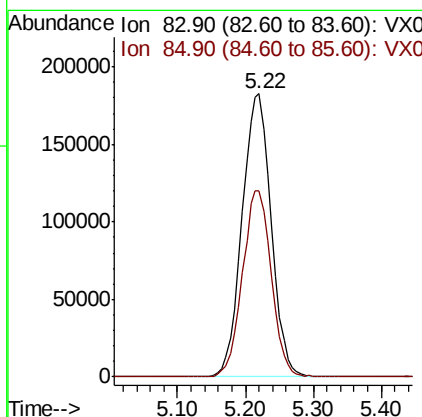
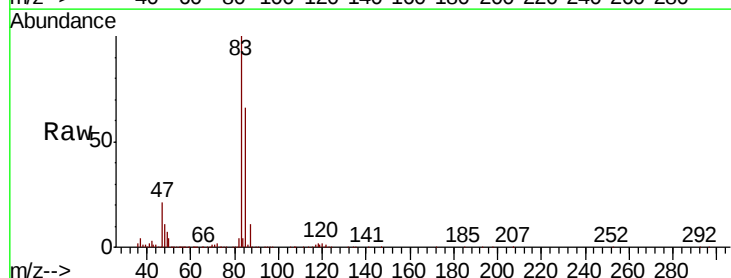
Manual Integrations
APPROVED

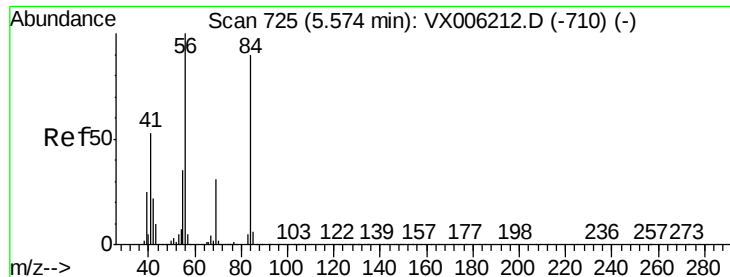
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#30
Chloroform
Concen: 56.451 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.3	75.5





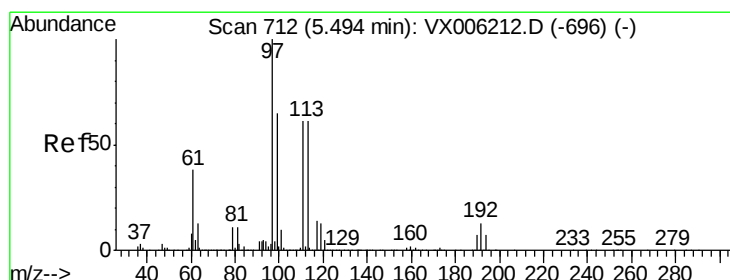
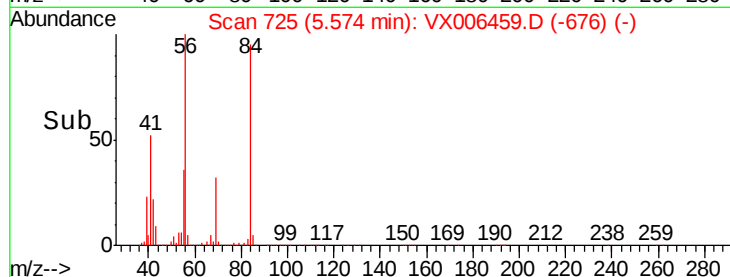
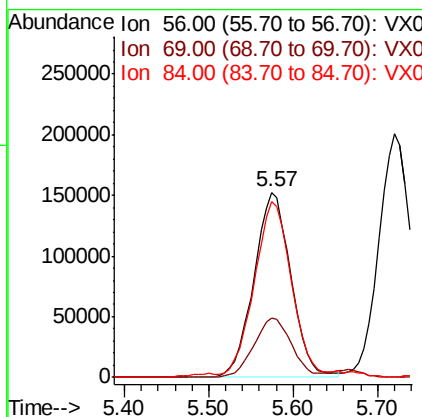
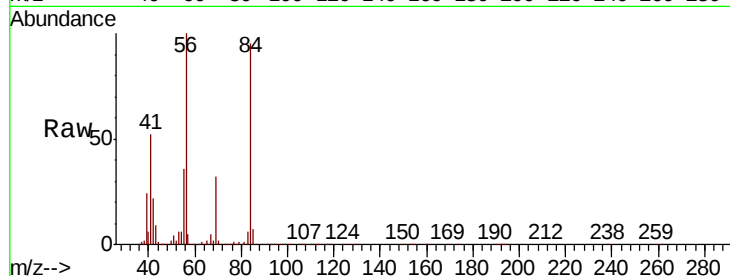
#31
Cyclohexane
Concen: 54.578 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.5	36.7
84	94.4	71.8	107.6

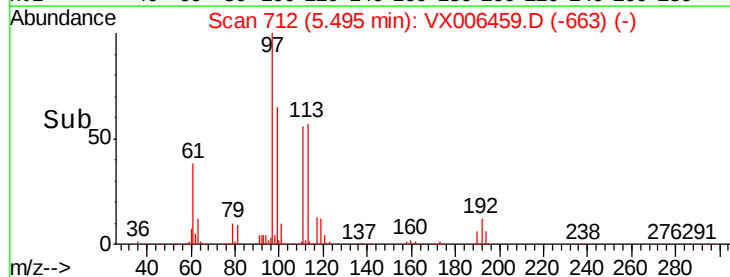
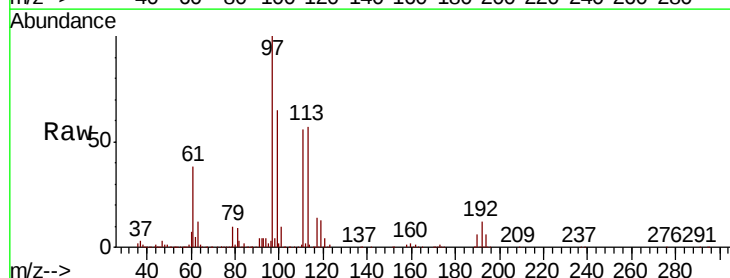
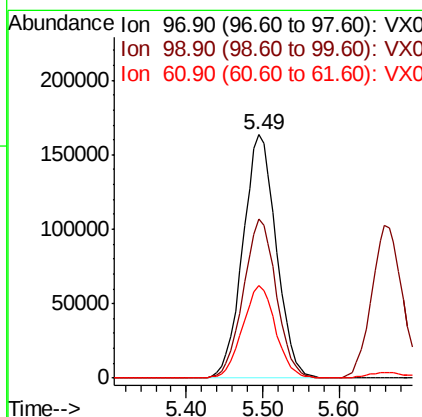
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 54.259 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	38.0	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 51.792 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 302588

Ion Ratio Lower Upper

65 100

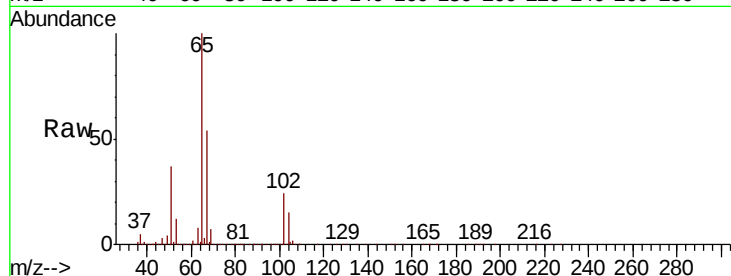
67 52.7 0.0 107.2

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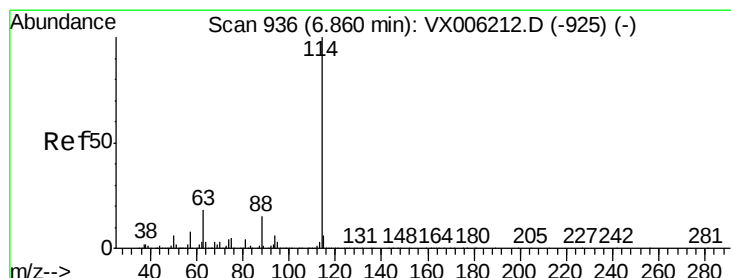
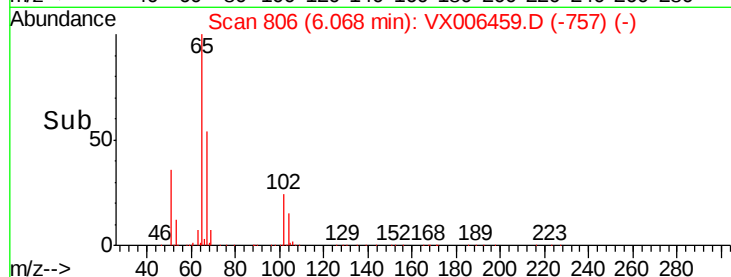
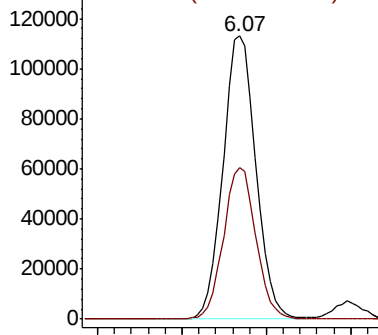
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

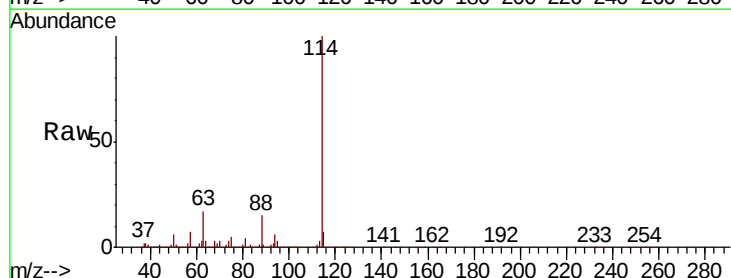
Tgt Ion: 114 Resp: 871510

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

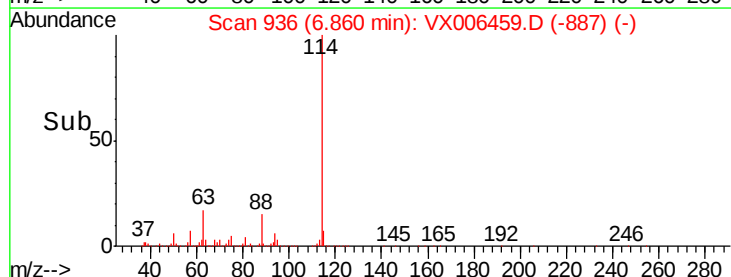
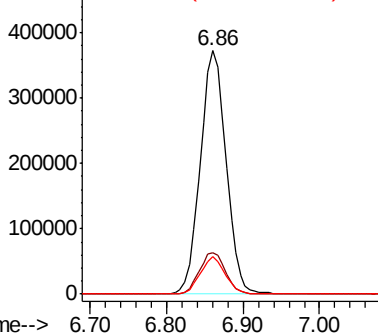
88 15.2 0.0 29.0

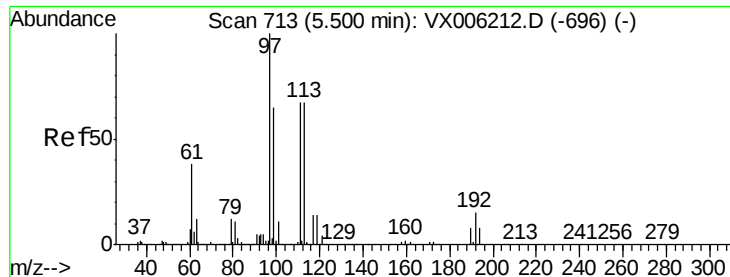


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.172 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

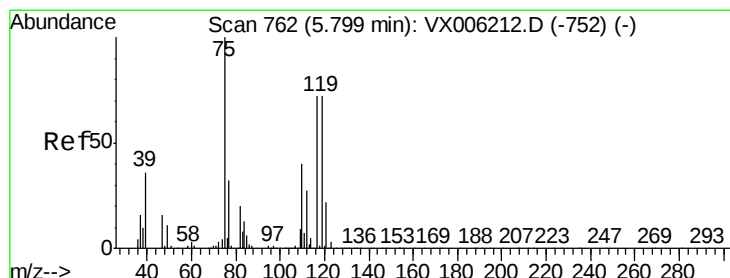
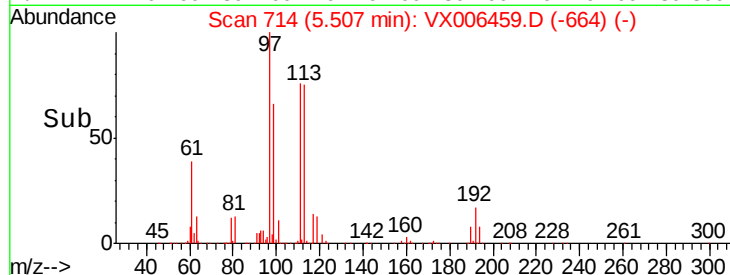
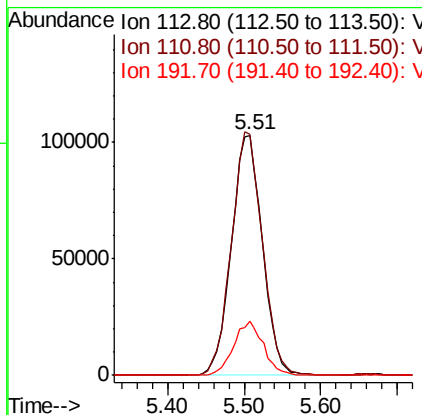
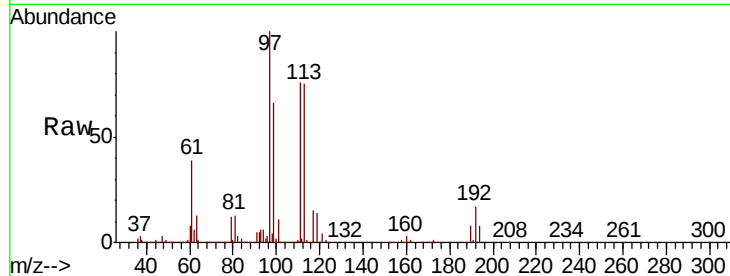
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	288749
Ion Ratio	Lower	Upper	
113	100		
111	101.3	81.1	121.7
192	21.7	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 54.288 ug/l

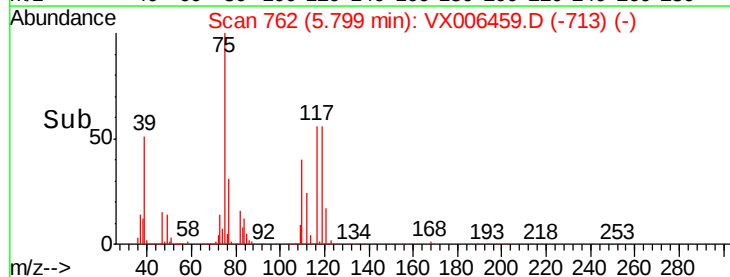
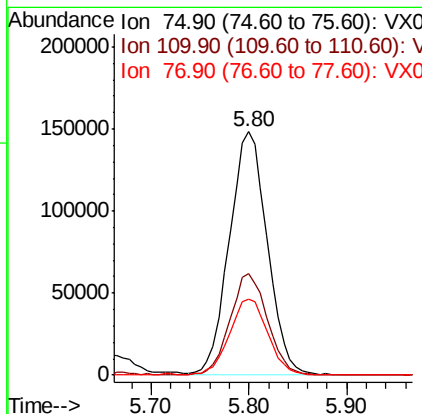
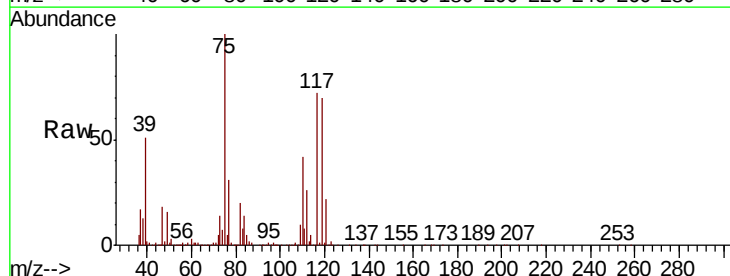
RT: 5.80 min Scan# 762

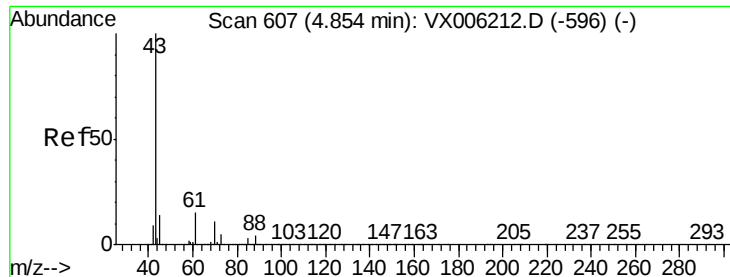
Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Tgt Ion:	75	Resp:	398423
Ion Ratio	Lower	Upper	
75	100		
110	41.2	20.4	61.3
77	31.2	24.9	37.3





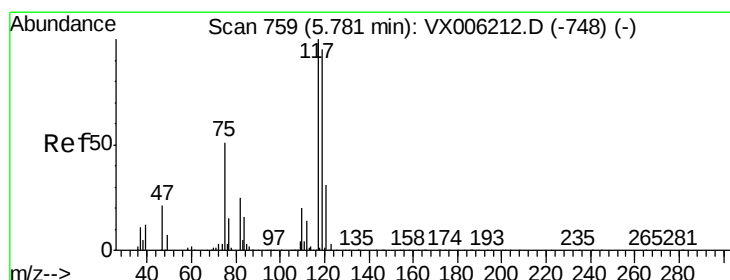
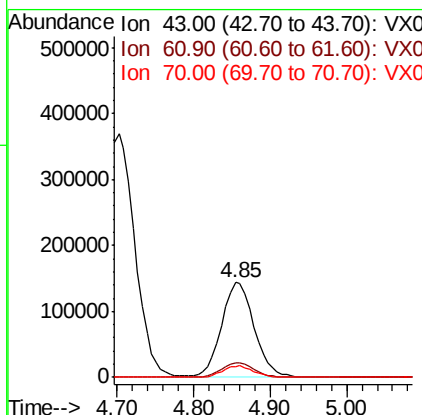
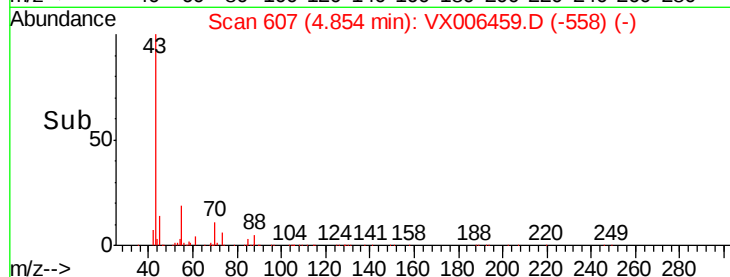
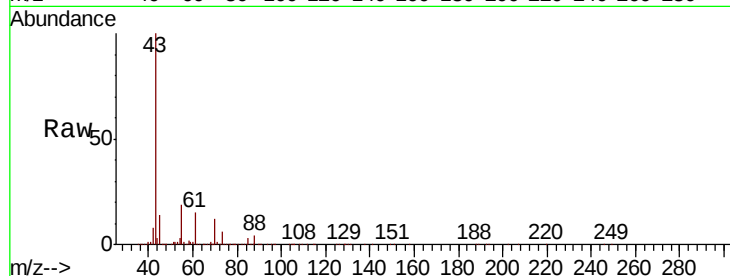
#37
Ethyl Acetate
Concen: 51.258 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	421277
Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.5	17.3
70	11.9	9.0	13.6

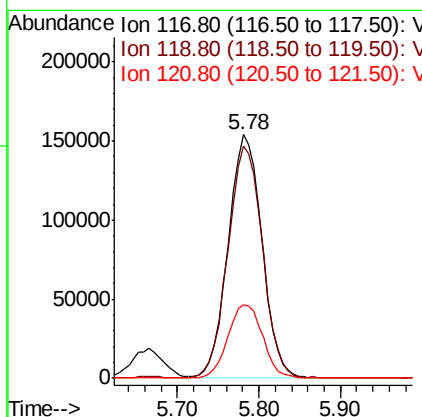
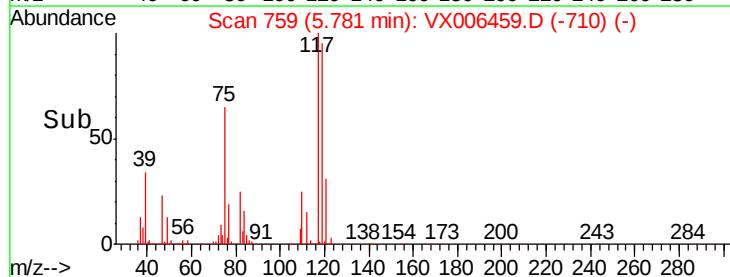
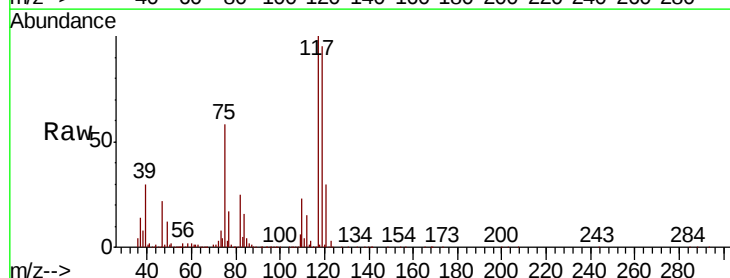
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#38
Carbon Tetrachloride
Concen: 50.970 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion	117	Resp	440066
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.8
121	30.3	24.6	37.0





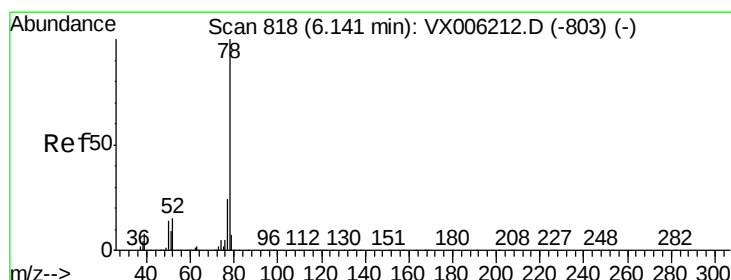
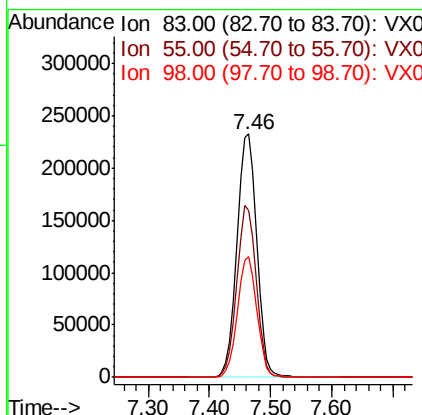
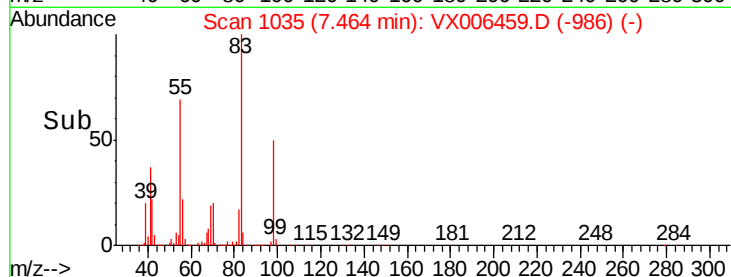
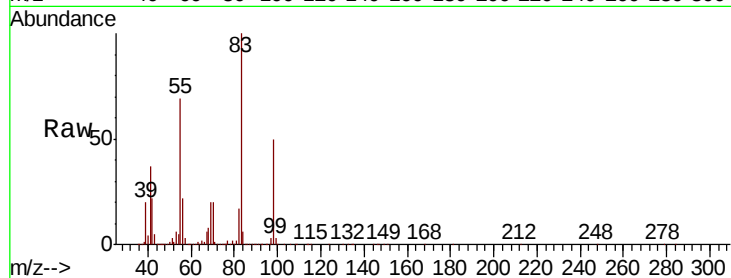
#39
Methvlcvclohexane
Concen: 54.154 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.7	56.4	84.6
98	49.7	39.0	58.6

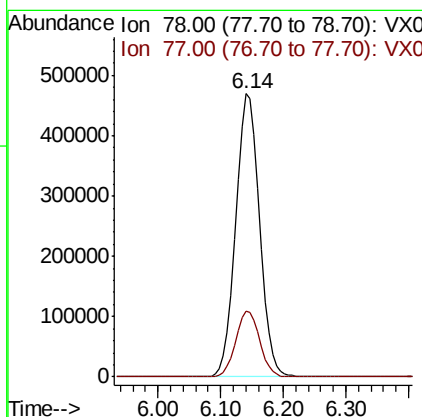
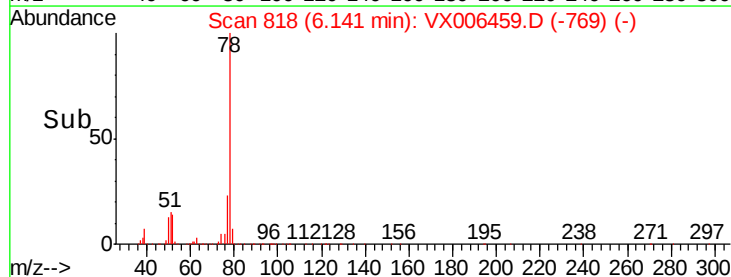
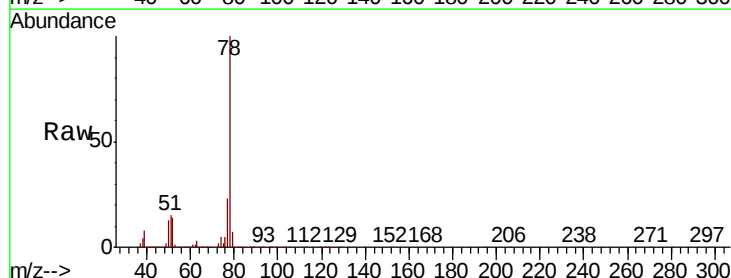
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#40
Benzene
Concen: 56.160 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.2	28.8





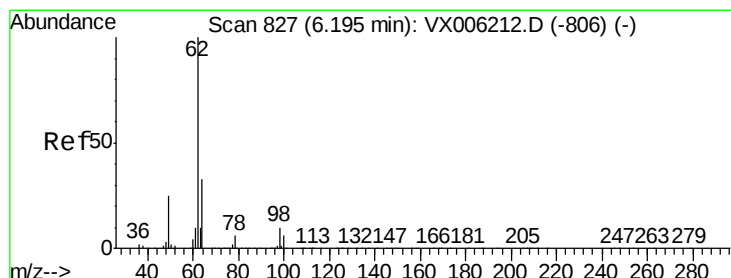
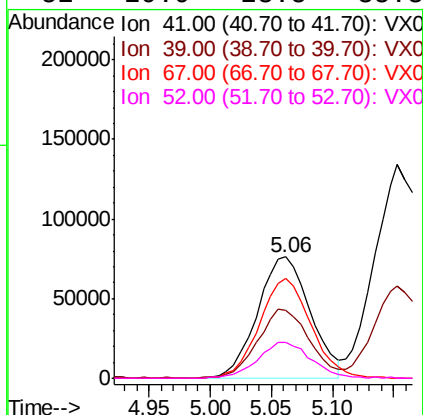
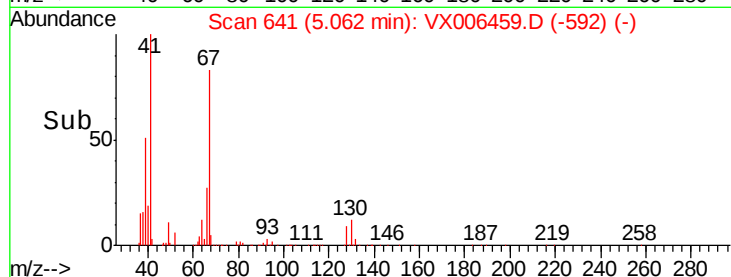
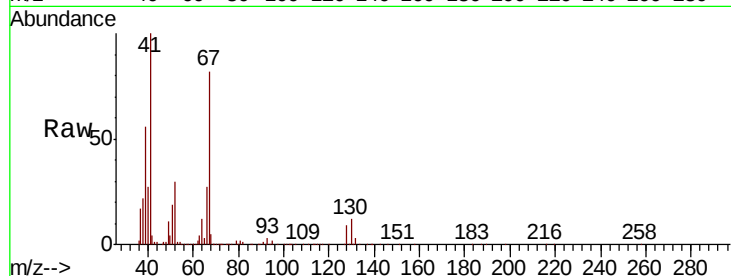
#41
Methacrylonitrile
Concen: 50.398 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		227919		
39	55.5	44.0	66.0		
67	80.2	61.4	92.0		
52	29.9	23.5	35.3		

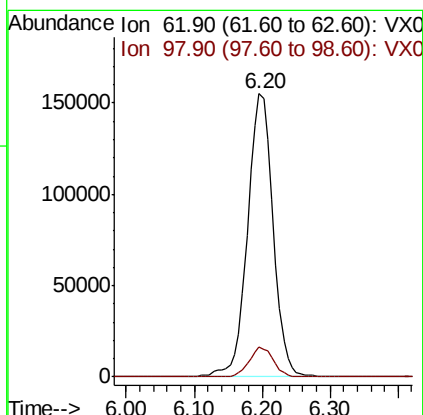
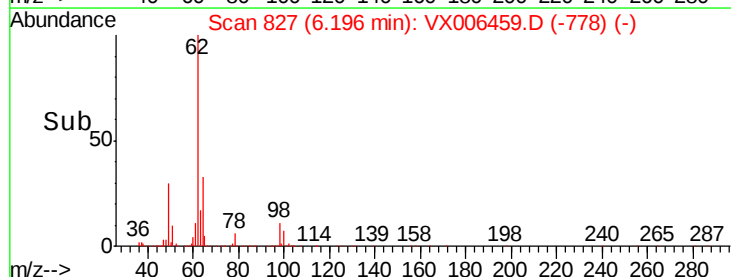
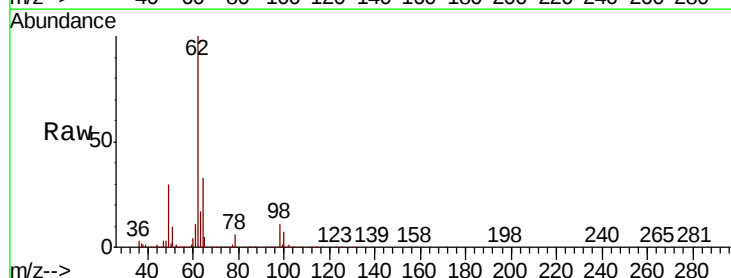
Manual Integrations
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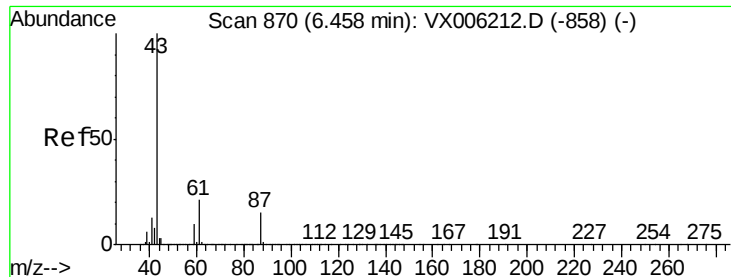
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#42
1,2-Dichloroethane
Concen: 56.456 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		406142		
98	10.1	0.0	20.2		





#43

Isopropyl Acetate

Concen: 50.118 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

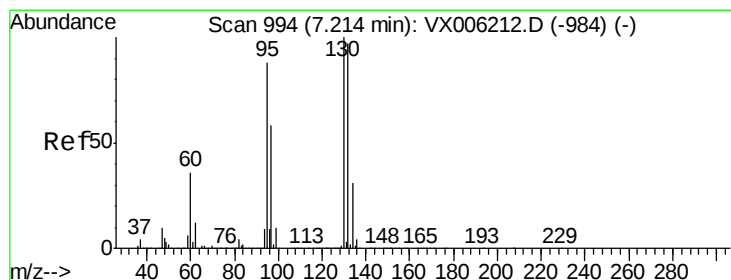
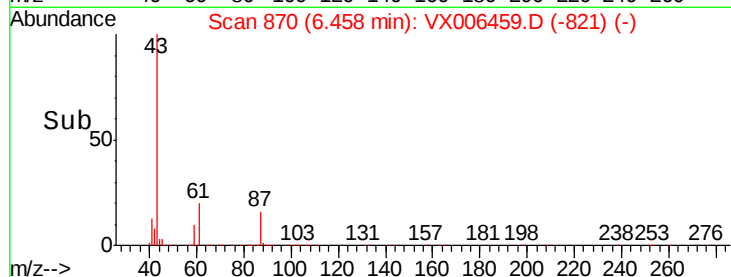
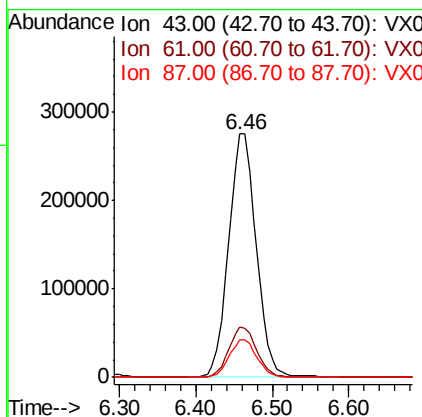
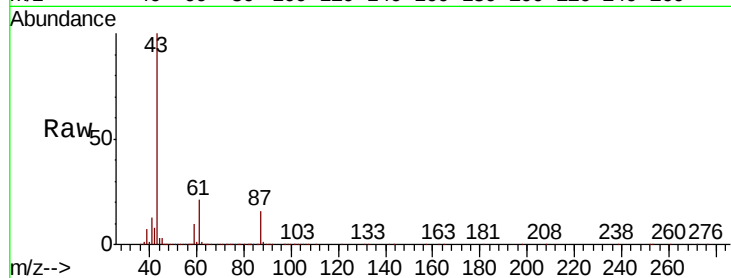
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	686764
Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.8	25.2
87	15.6	11.9	17.9

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#44

Trichloroethene

Concen: 55.845 ug/l

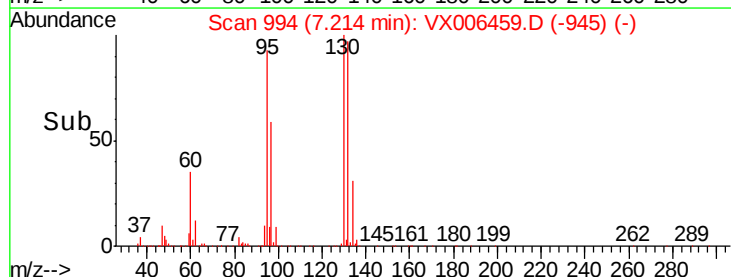
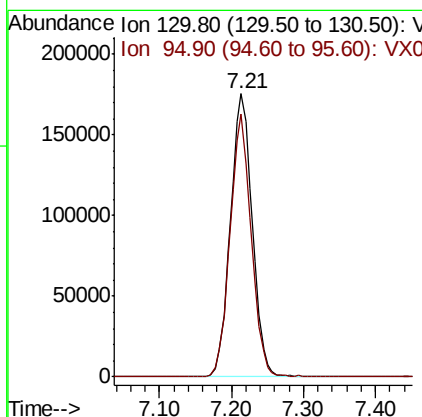
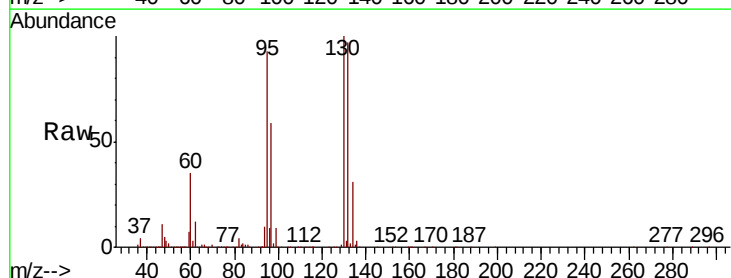
RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Tgt Ion:	130	Resp:	371868
Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	175.8





#45

1,2-Dichloropropane

Concen: 54.467 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 304284

Ion Ratio Lower Upper

63 100

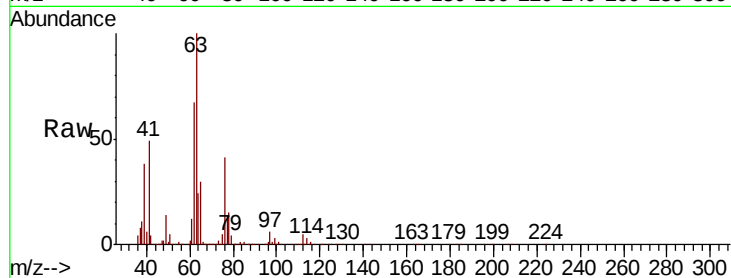
65 29.8 24.3 36.5

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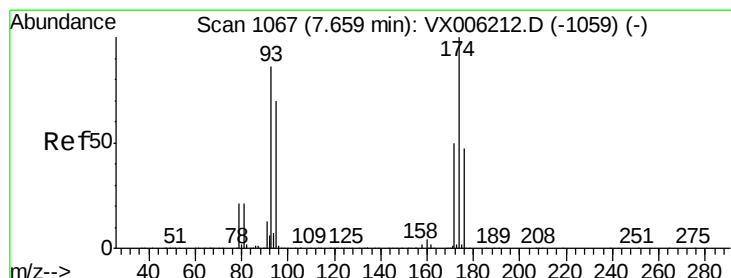
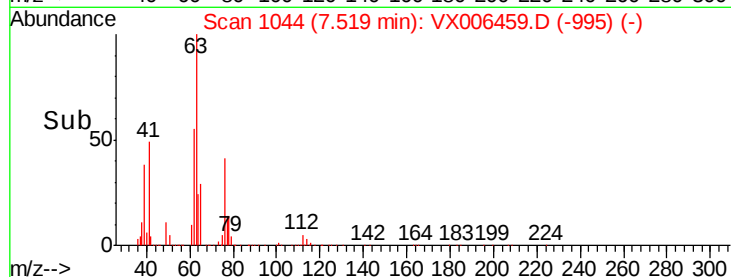
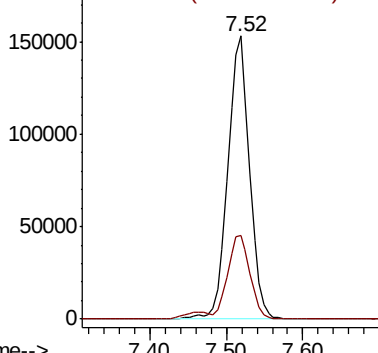
MMDadoda

12/13/2018 11:05:21 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.633 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

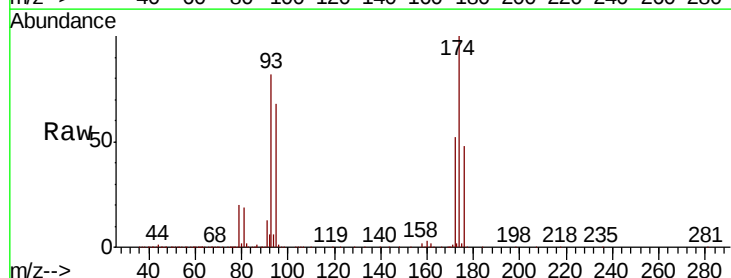
Tgt Ion: 93 Resp: 220426

Ion Ratio Lower Upper

93 100

95 84.2 66.2 99.4

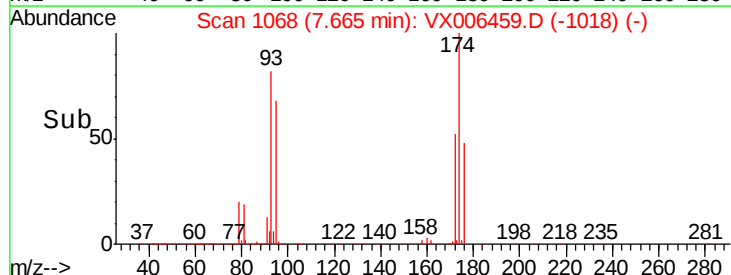
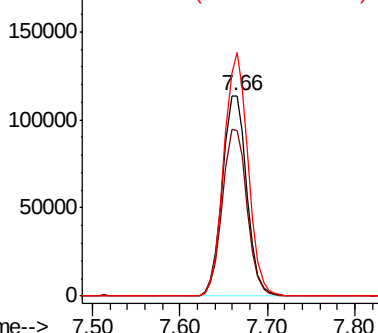
174 119.9 97.2 145.8

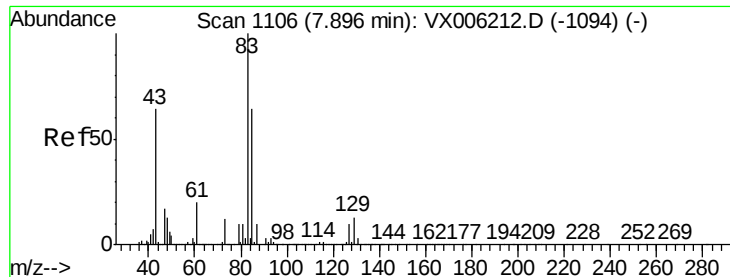


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.476 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

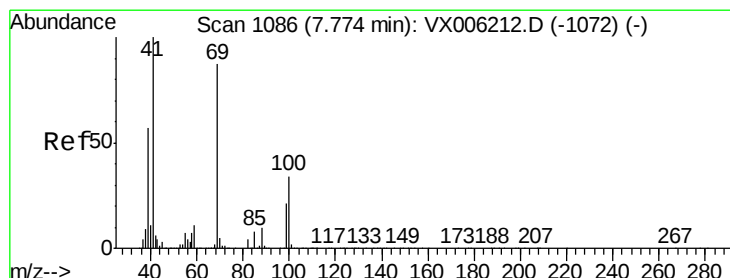
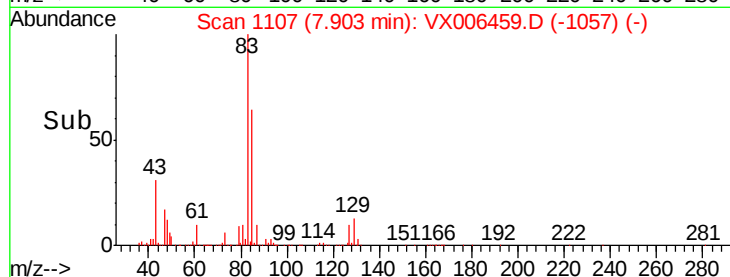
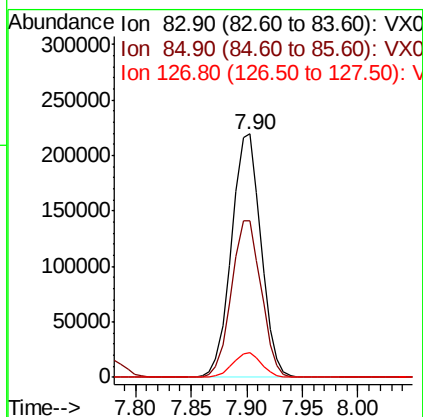
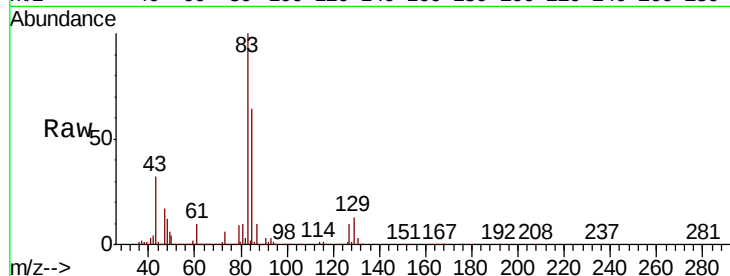
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	402196
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.4	77.0
127	9.9	7.9	11.9

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#48

Methyl methacrylate

Concen: 51.149 ug/l

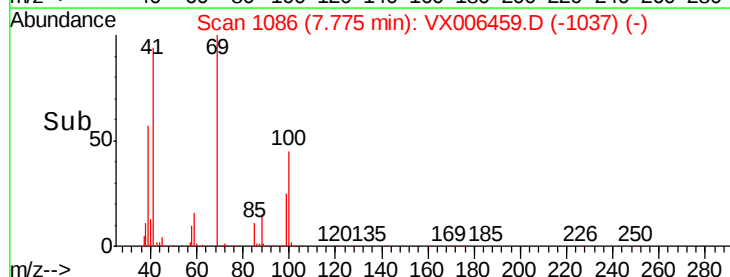
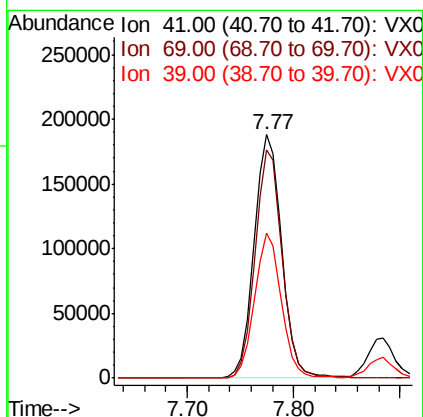
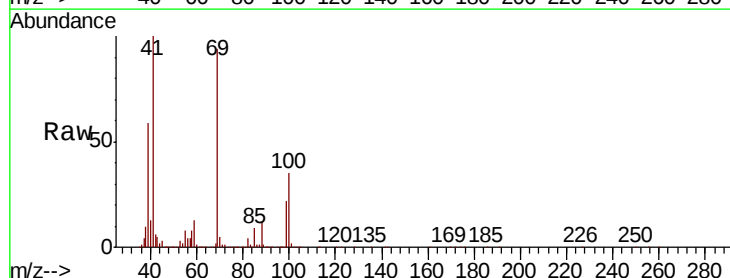
RT: 7.77 min Scan# 1086

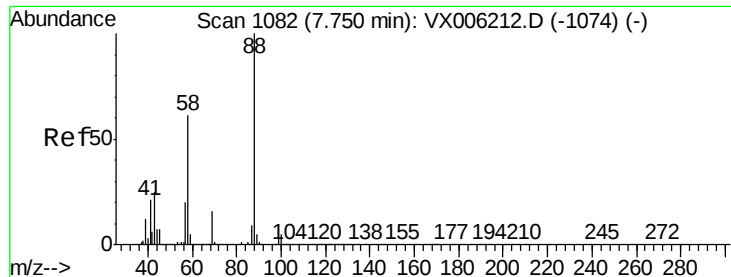
Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Tgt Ion:	41	Resp:	340977
Ion Ratio	Lower	Upper	
41	100		
69	92.2	70.3	105.5
39	57.9	45.3	67.9





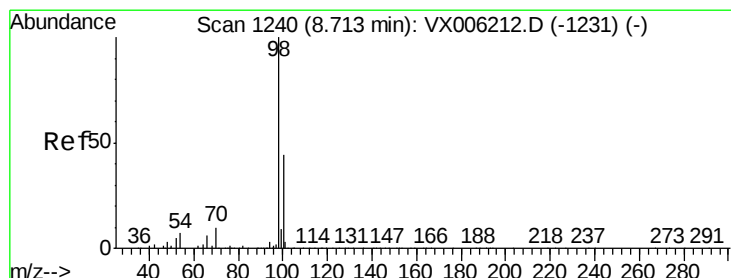
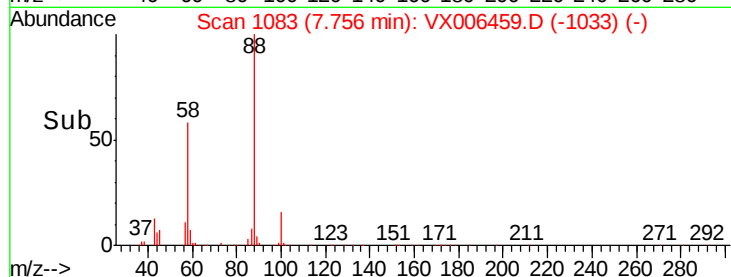
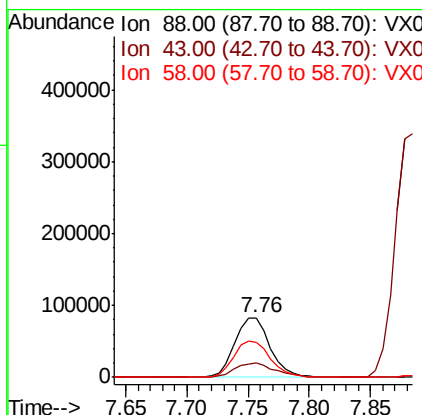
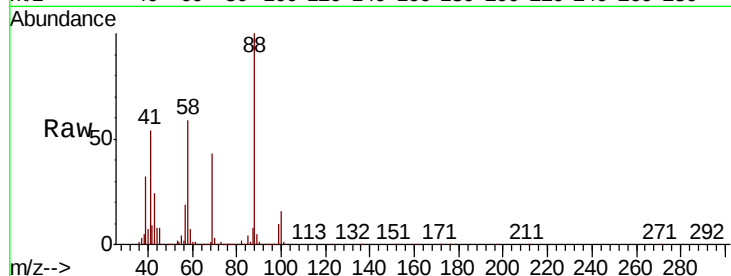
#49
1,4-Dioxane
Concen: 1011.790 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.6	23.2	34.8
58	62.9	51.4	77.0

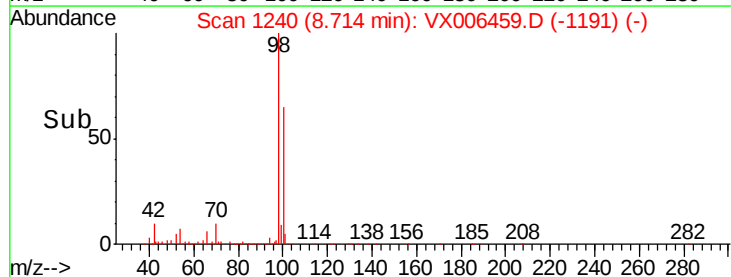
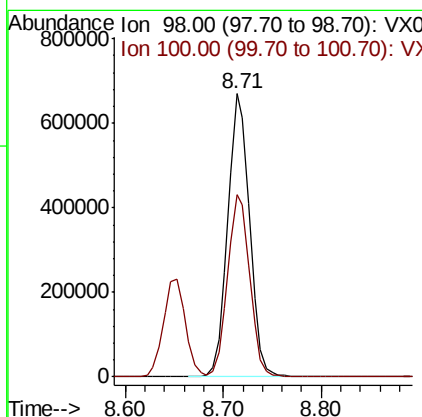
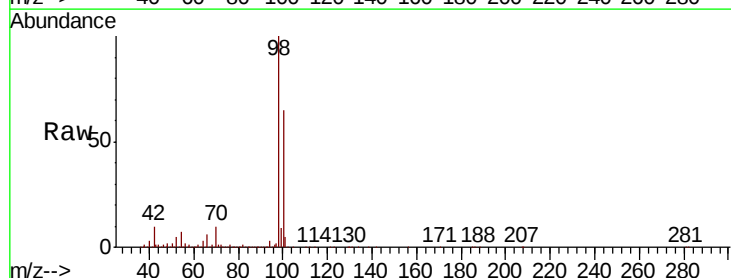
Manual Integrations
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#50
Toluene-d8
Concen: 50.389 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 258.998 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2066058

Ion Ratio Lower Upper

43 100

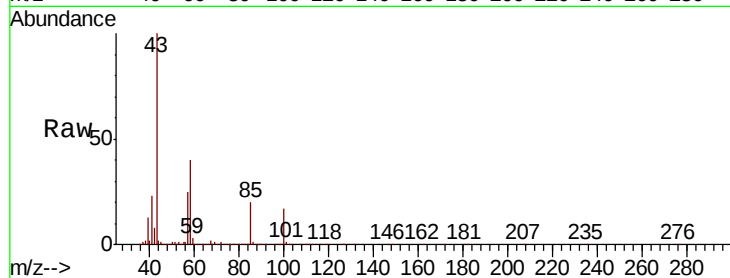
58 40.3 31.3 46.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

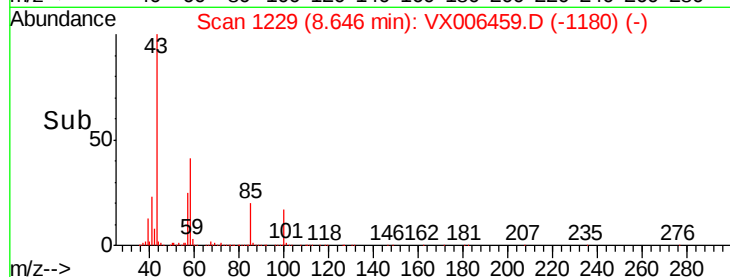
1000000

500000

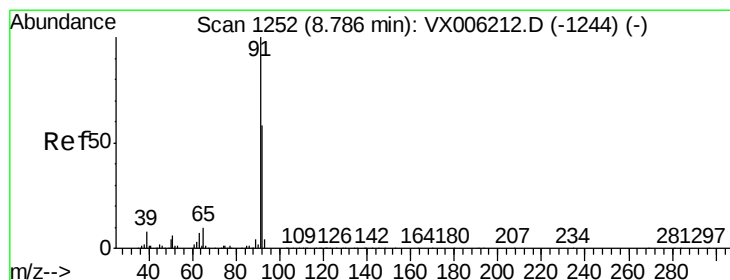
0

8.65

8.60 8.70 8.80



Time-->



#52

Toluene

Concen: 56.221 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006459.D

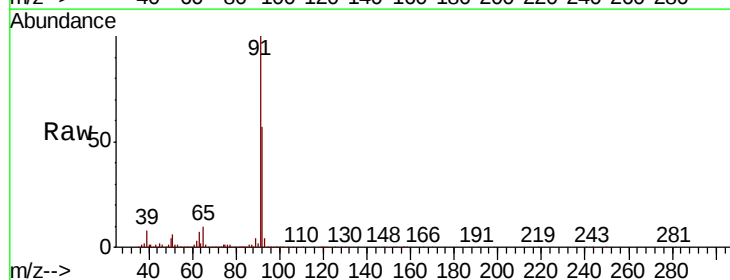
Acq: 12 Dec 2018 21:32

Tgt Ion: 92 Resp: 813029

Ion Ratio Lower Upper

92 100

91 172.6 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1000000

800000

600000

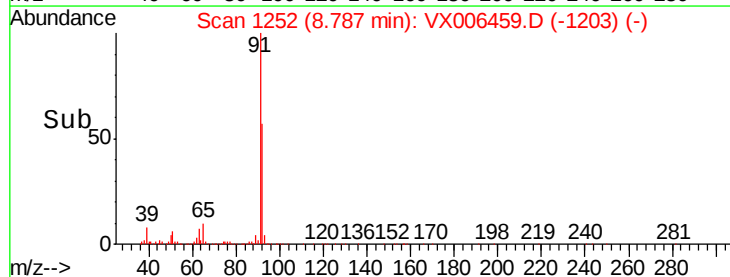
400000

200000

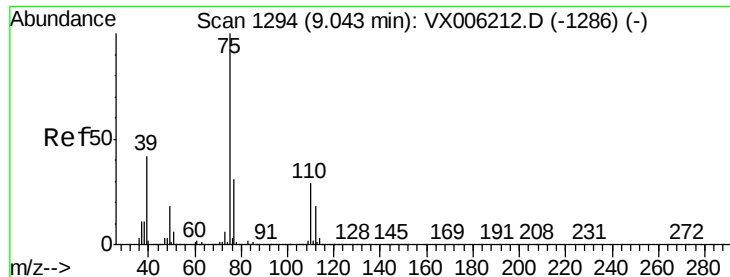
0

8.79

8.70 8.80 8.90



Time-->



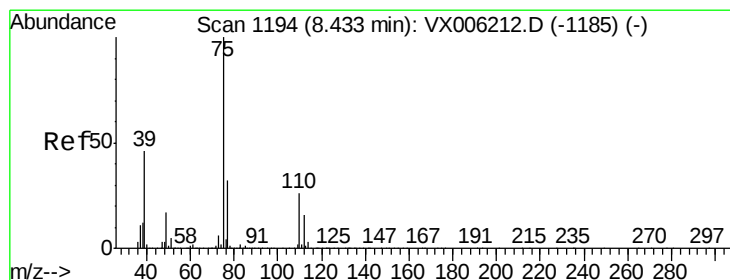
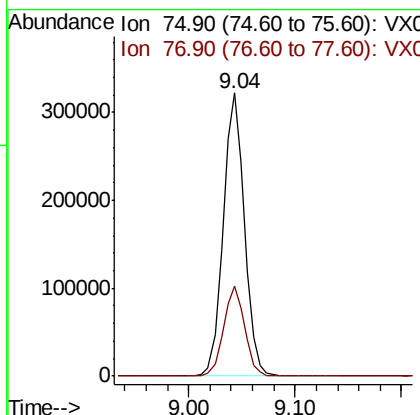
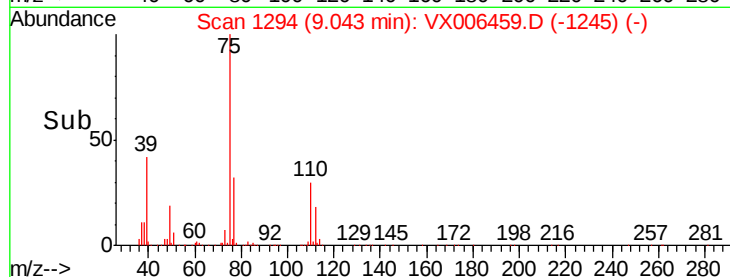
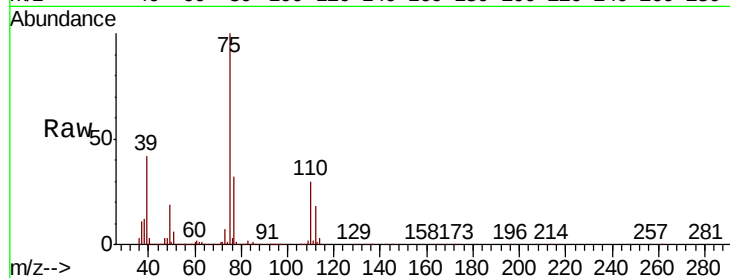
#53
t-1,3-Dichloropropene
Concen: 49.034 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.0	37.4

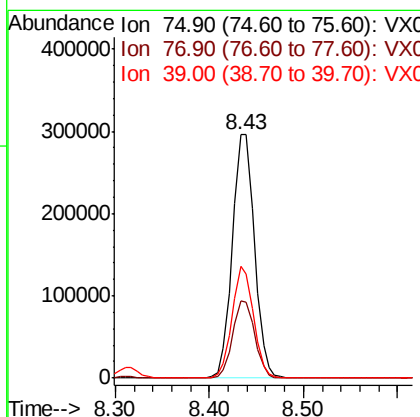
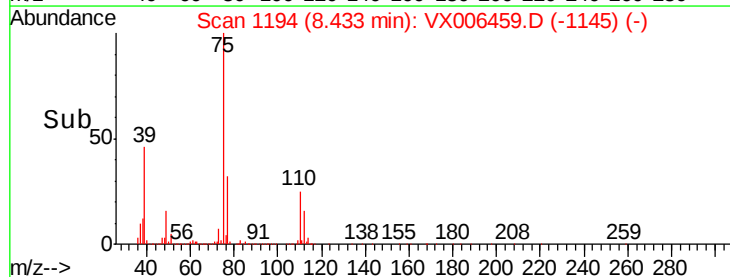
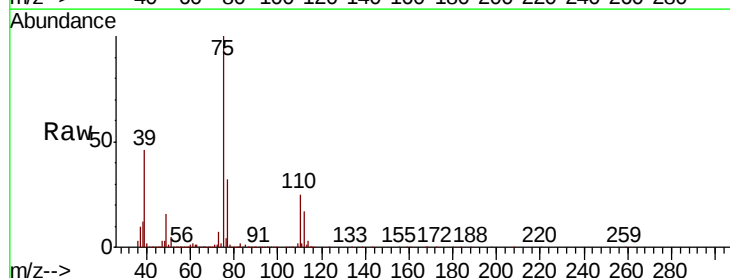
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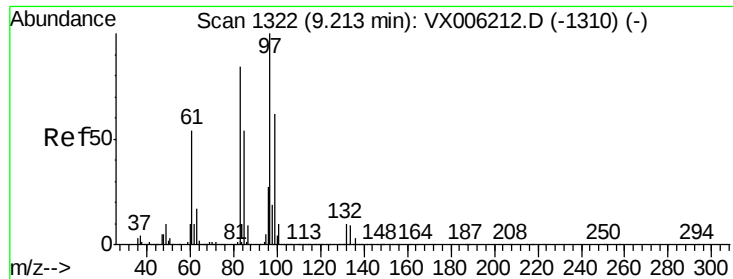
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.973 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.6	38.4
39	45.8	36.5	54.7





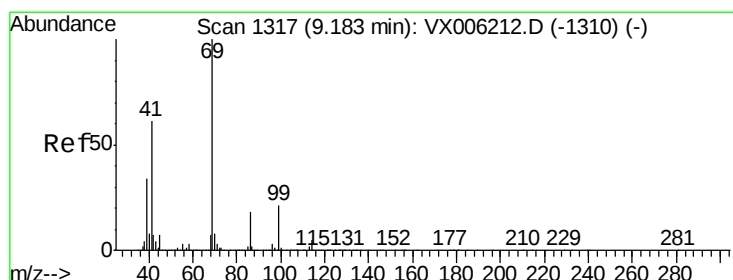
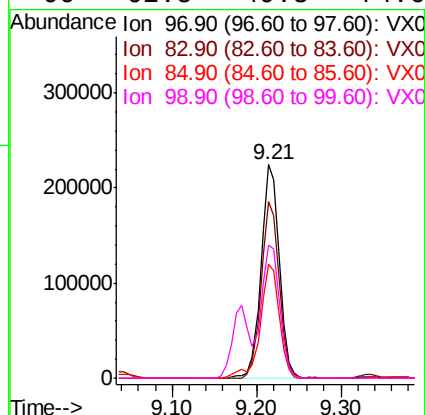
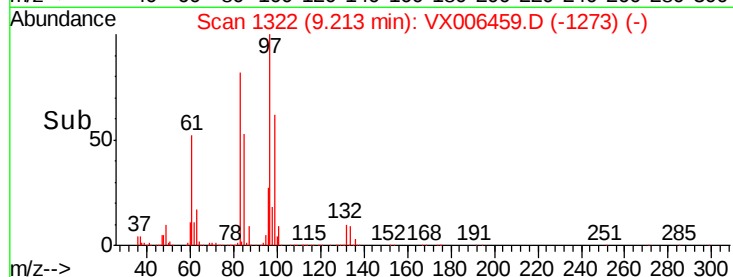
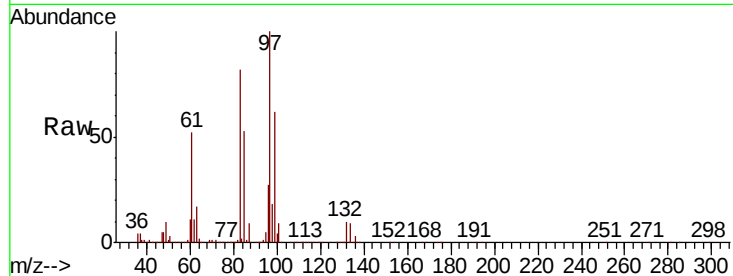
#55
1,1,2-Trichloroethane
Concen: 56.720 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		333231		
83	82.4	67.1	100.7		
85	53.3	43.2	64.8		
99	62.5	49.8	74.6		

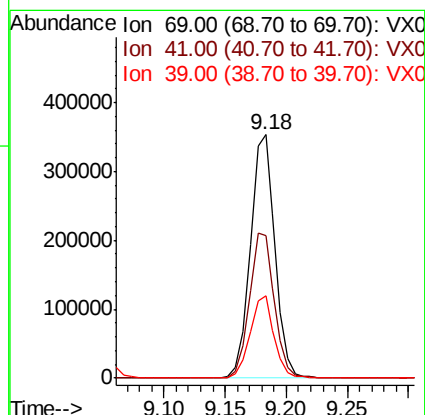
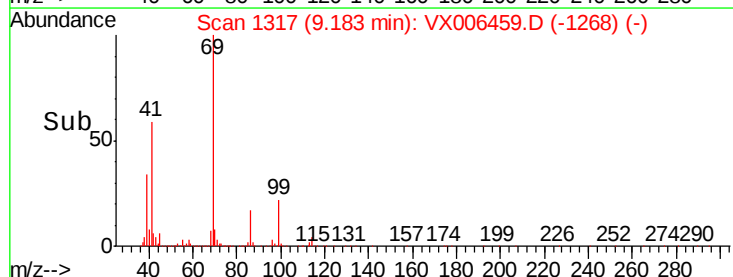
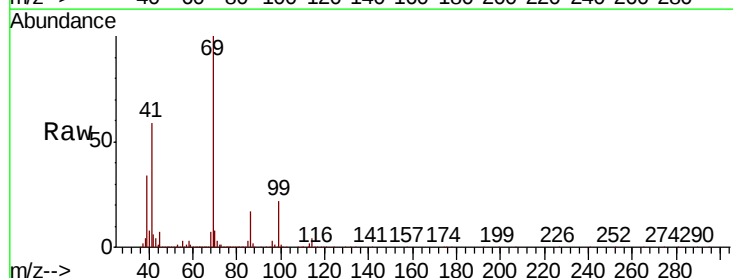
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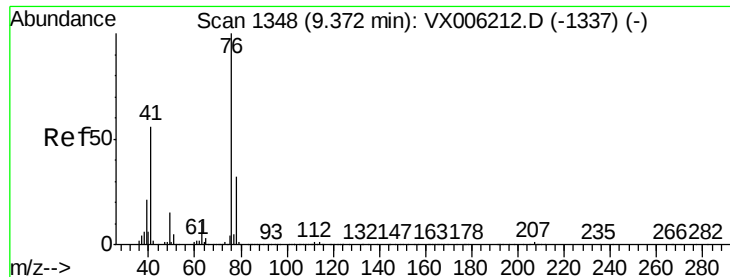
MMDadoda
12/13/2018 11:05:21 AM



#56
Ethyl methacrylate
Concen: 53.631 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		492568		
41	60.5	50.6	76.0		
39	33.1	27.6	41.4		





#57

1,3-Dichloropropane

Concen: 56.500 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 524889

Ion Ratio Lower Upper

76 100

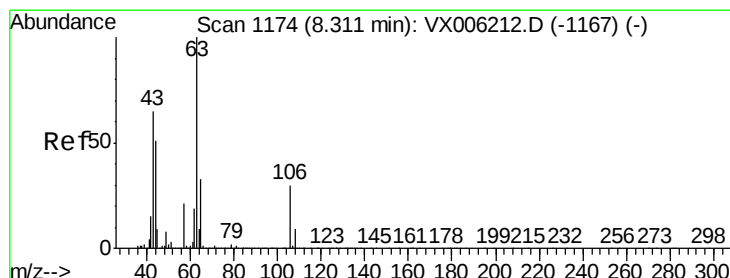
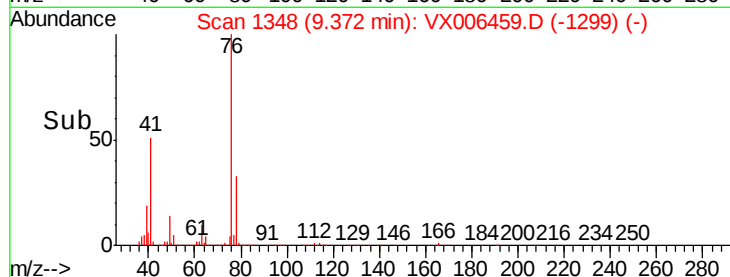
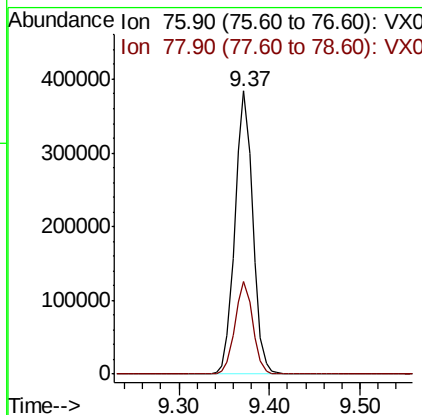
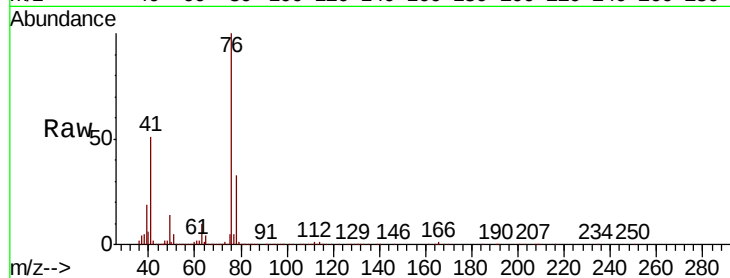
78 32.6 26.1 39.1

Manual Integrations

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12/13/2018 11:05:21 AM



#58

2-Chloroethyl Vinyl ether

Concen: 238.399 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006459.D

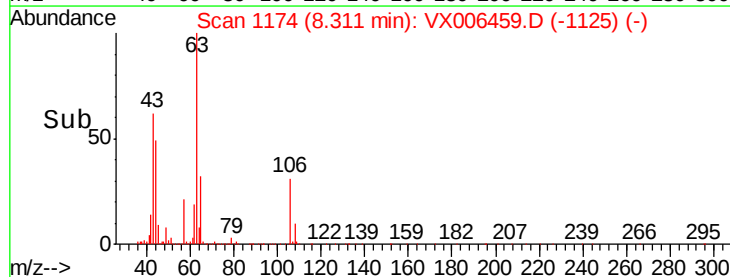
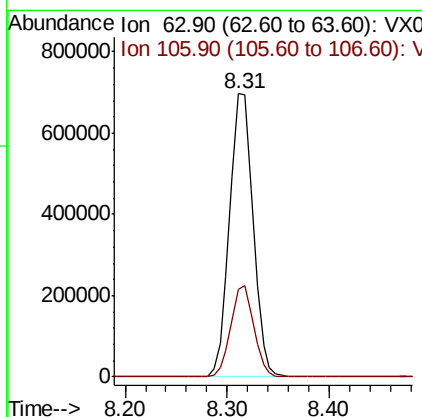
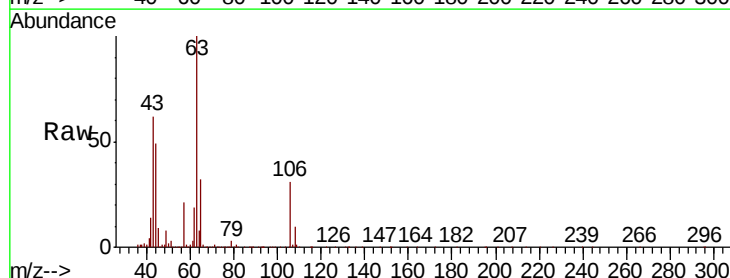
Acq: 12 Dec 2018 21:32

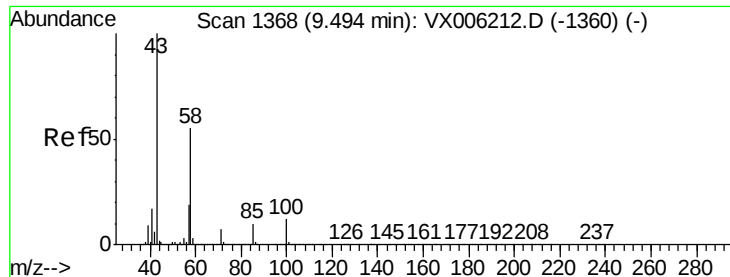
Tgt Ion: 63 Resp: 1111095

Ion Ratio Lower Upper

63 100

106 31.5 24.9 37.3





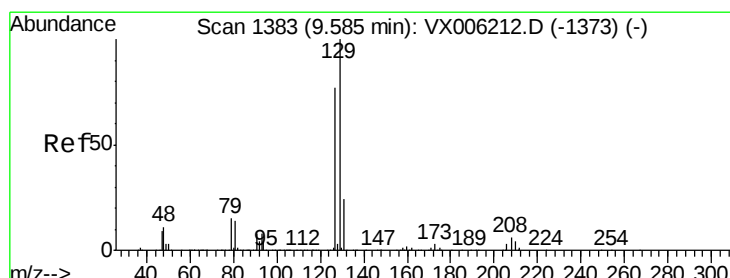
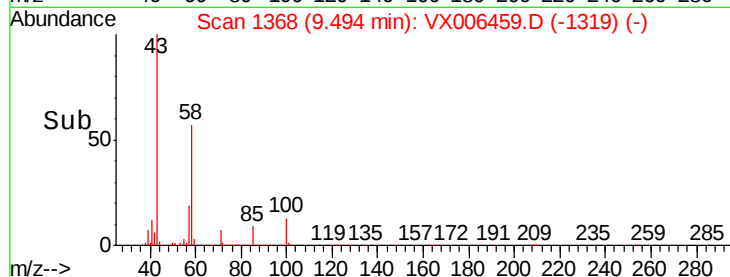
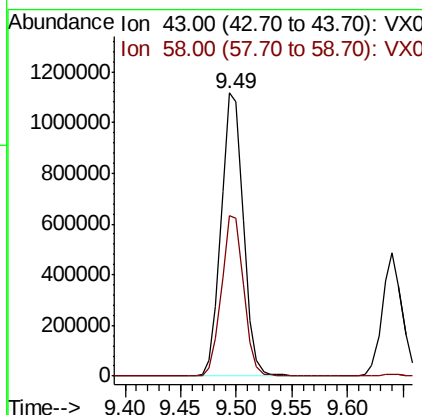
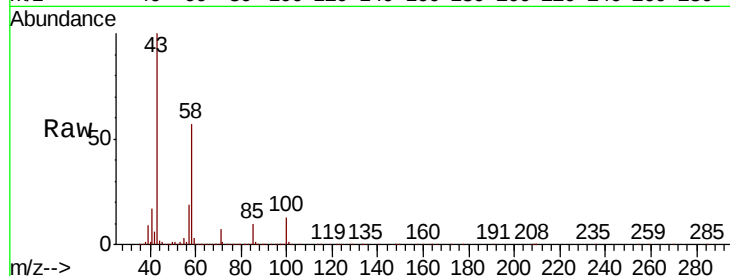
#59
2-Hexanone
Concen: 252.979 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1541791
Ion Ratio Lower Upper
43 100
58 56.7 27.7 83.1

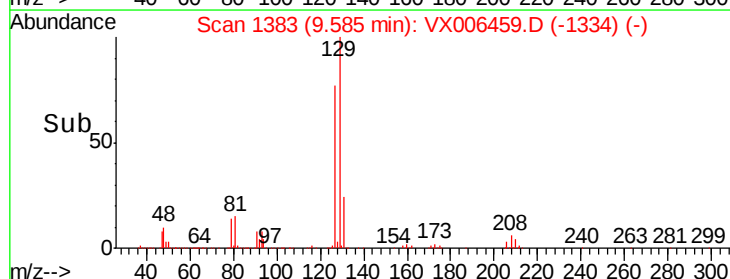
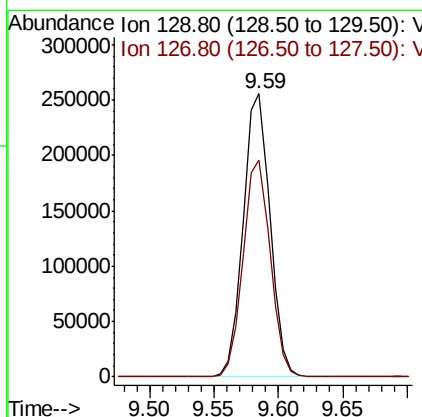
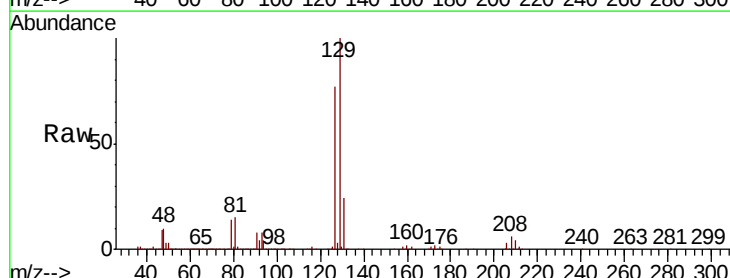
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#60
Dibromochloromethane
Concen: 50.597 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion: 129 Resp: 366545
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 56.462 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 370903

Ion Ratio Lower Upper

107 100

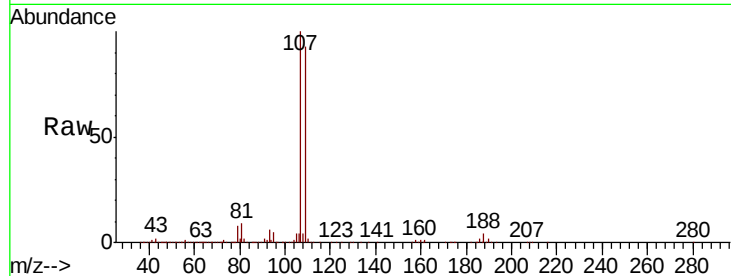
109 92.8 76.3 114.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

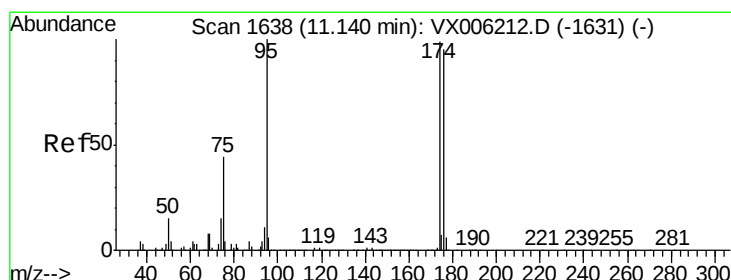
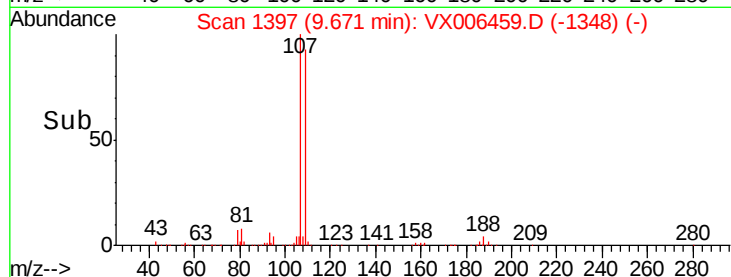
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.347 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

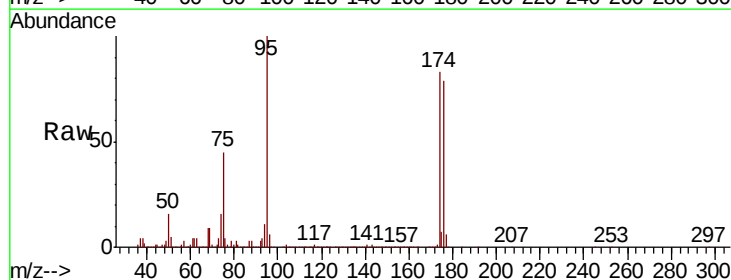
Tgt Ion: 95 Resp: 389401

Ion Ratio Lower Upper

95 100

174 91.9 0.0 187.0

176 89.3 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

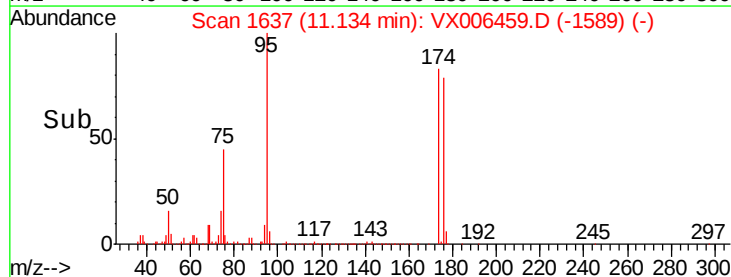
300000

200000

100000

0

Time-->





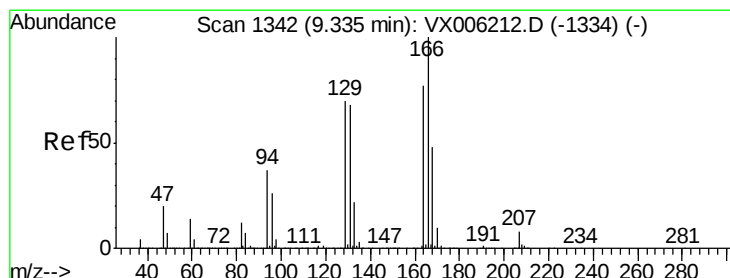
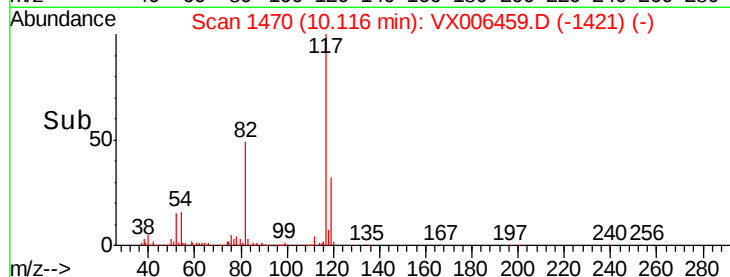
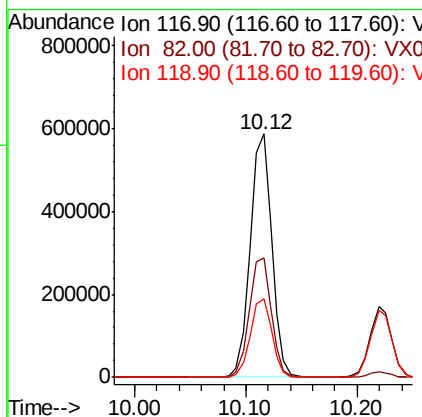
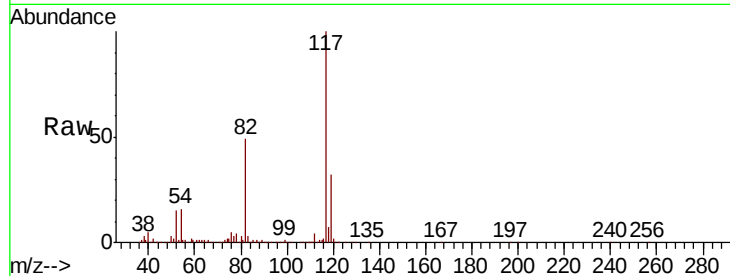
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.9	39.6	59.4
119	32.2	26.3	39.5

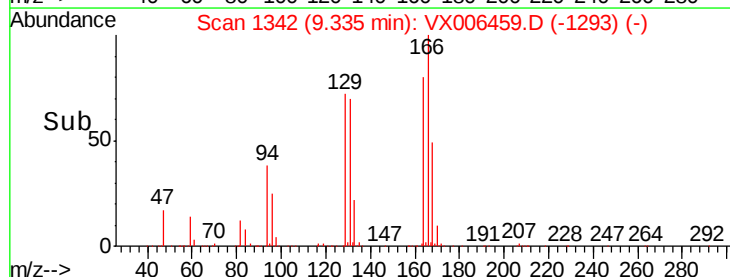
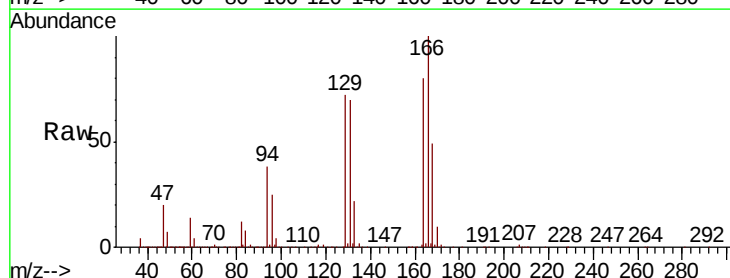
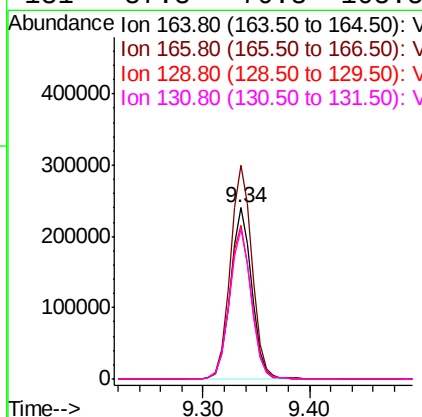
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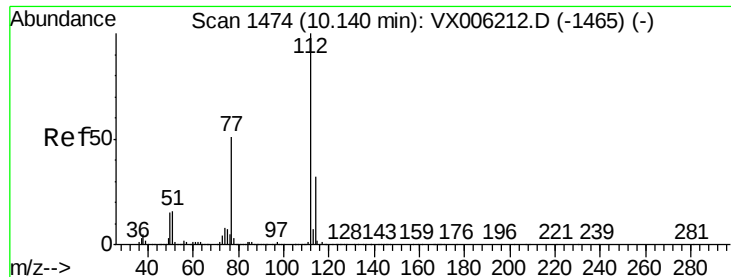
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#64
Tetrachloroethene
Concen: 56.733 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.7	104.2	156.2
129	89.7	72.6	108.8
131	87.8	70.3	105.5





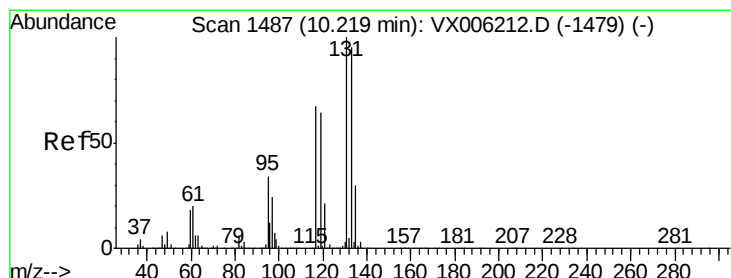
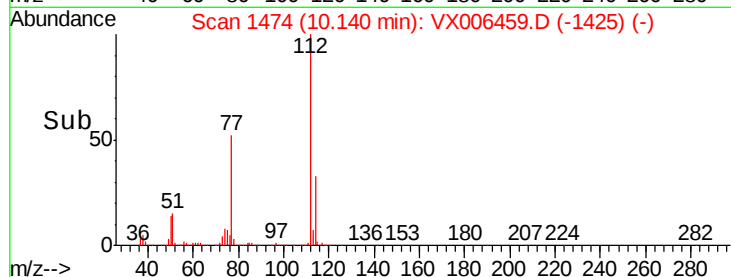
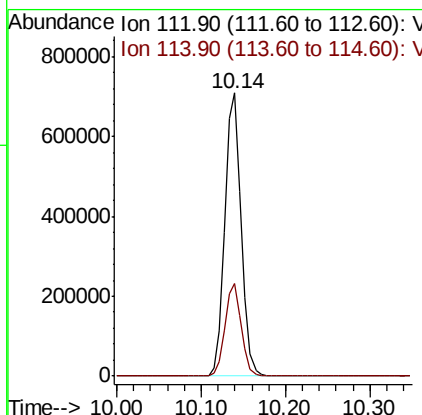
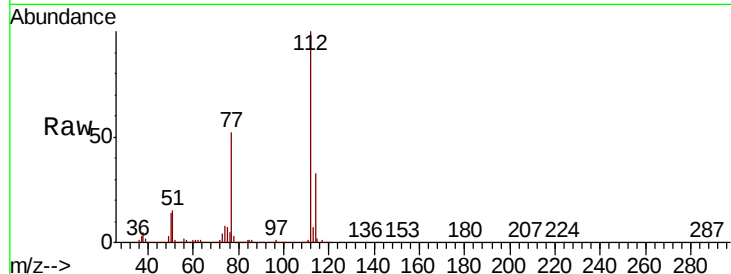
#65
Chlorobenzene
Concen: 56.499 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.4	38.2

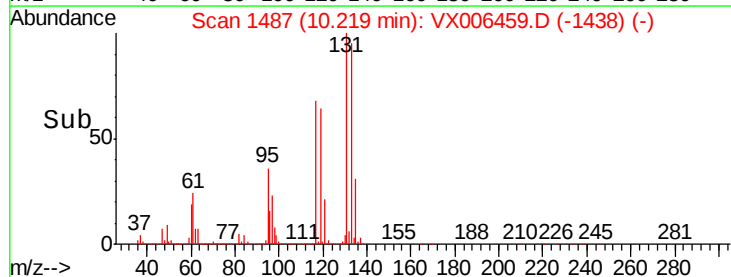
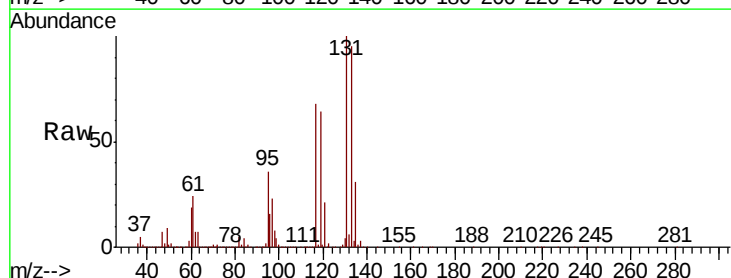
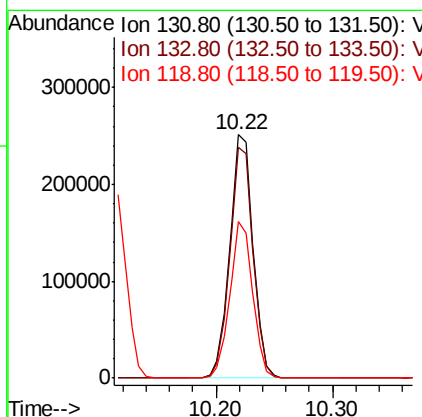
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.548 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	48.1	144.4
119	63.1	32.1	96.3





#67

Ethyl Benzene

Concen: 55.624 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1555241

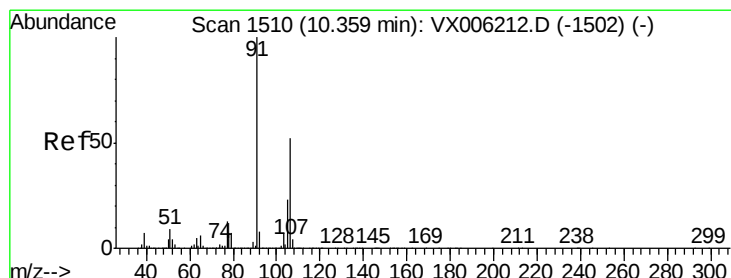
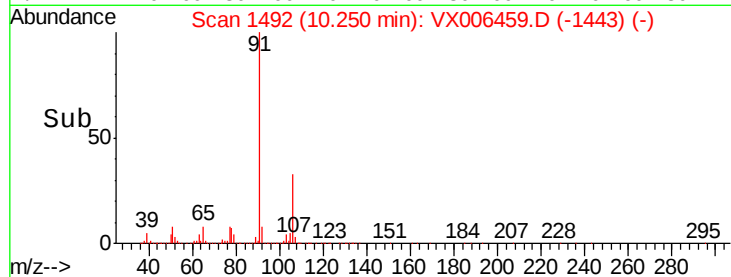
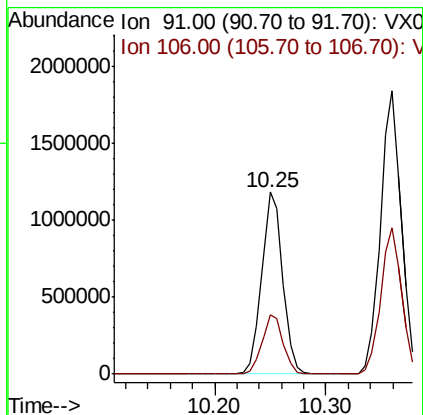
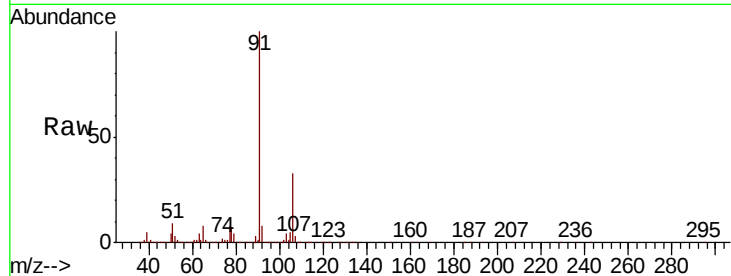
Ion Ratio Lower Upper

91 100

106 32.9 26.5 39.7

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#68

m/p-Xylenes

Concen: 111.353 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006459.D

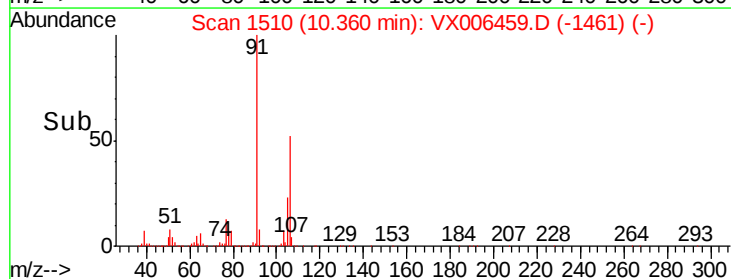
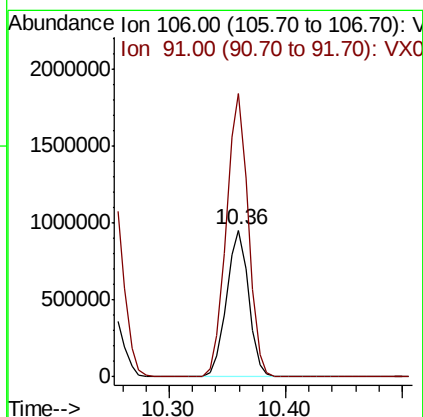
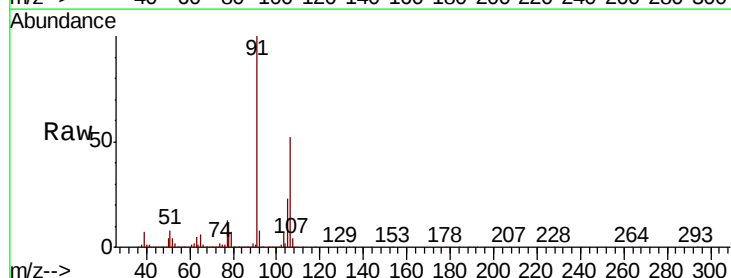
Acq: 12 Dec 2018 21:32

Tgt Ion: 106 Resp: 1247153

Ion Ratio Lower Upper

106 100

91 192.8 155.2 232.8





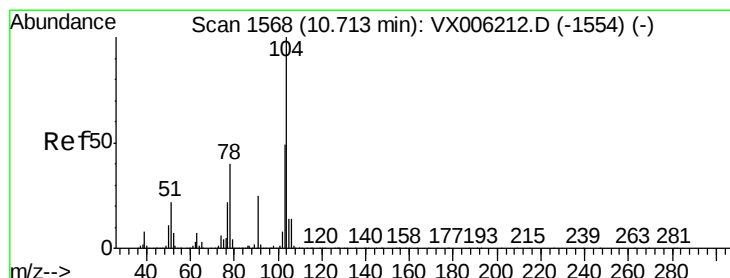
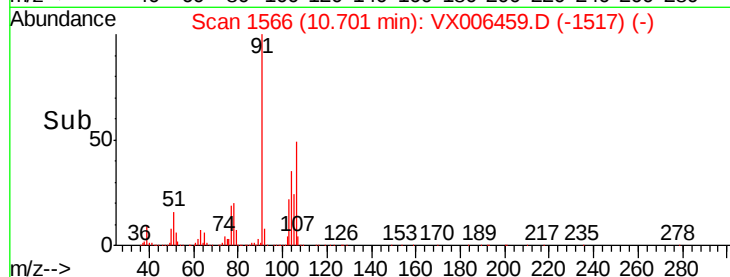
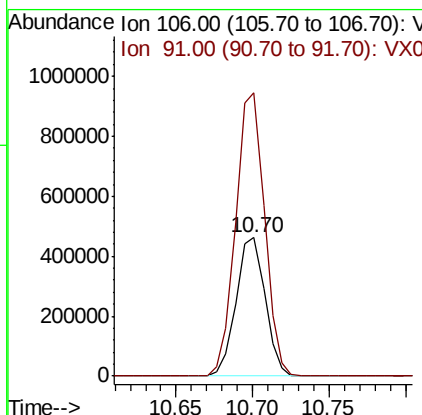
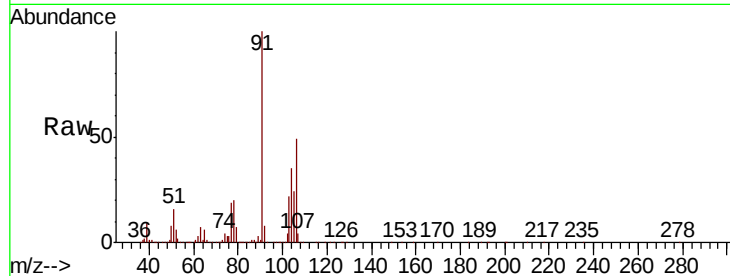
#69
o-Xylene
Concen: 55.162 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 610252
Ion Ratio Lower Upper
106 100
91 203.0 101.8 305.6

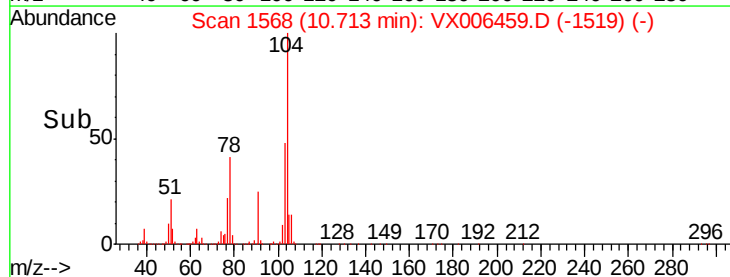
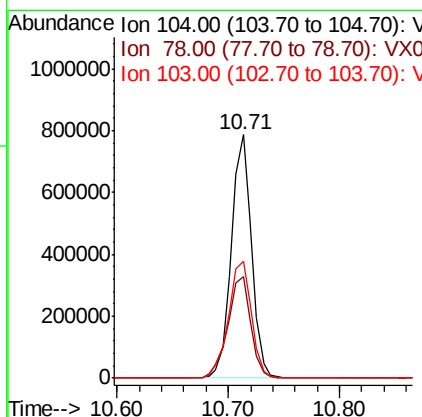
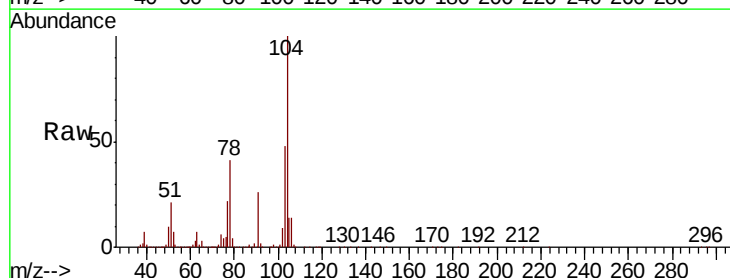
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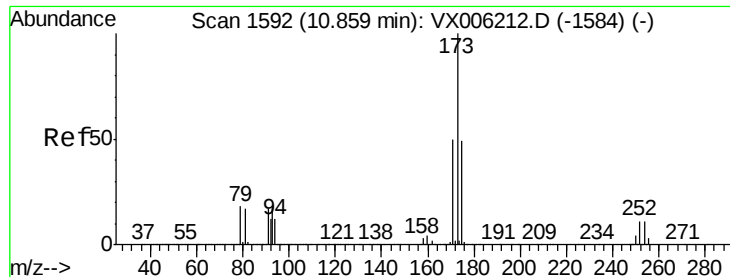
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#70
Styrene
Concen: 54.812 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion:104 Resp: 980742
Ion Ratio Lower Upper
104 100
78 47.3 37.2 55.8
103 54.9 43.5 65.3





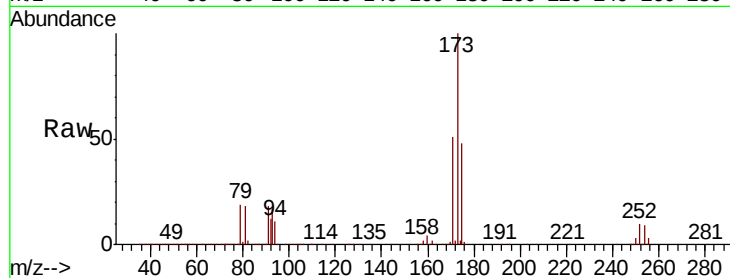
#71
Bromoform
Concen: 45.587 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.6	73.8
254	0.2	0.2	0.2

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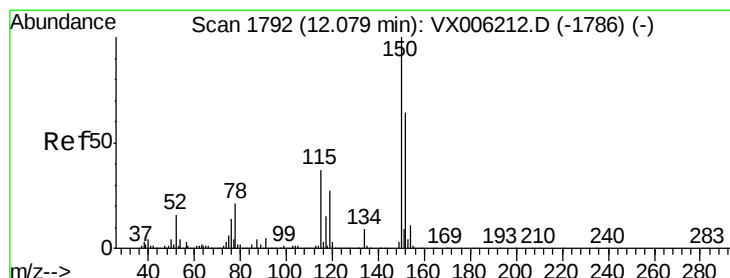
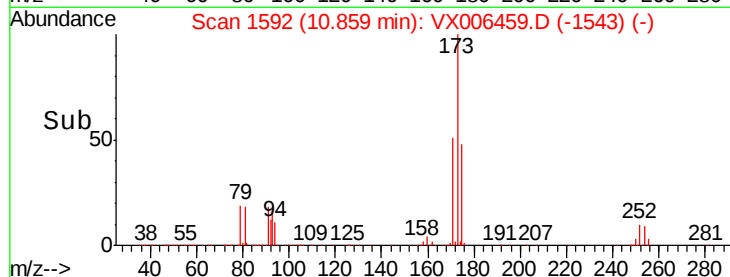
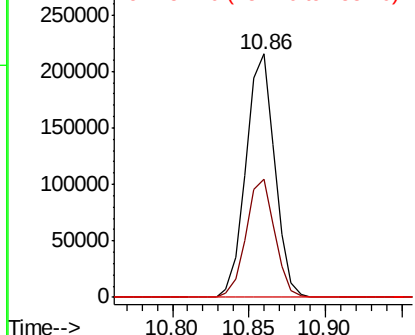


Abundance

Ion 172.70 (172.40 to 173.40): V

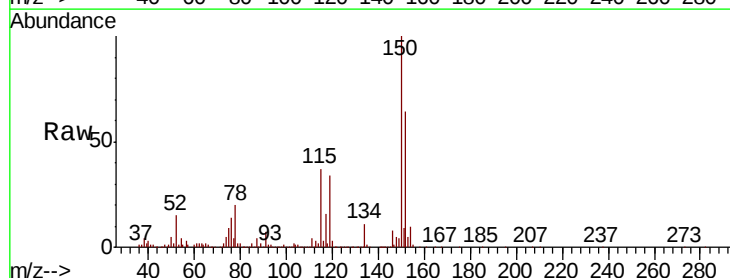
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.7	39.0	116.9
150	177.3	0.0	345.8

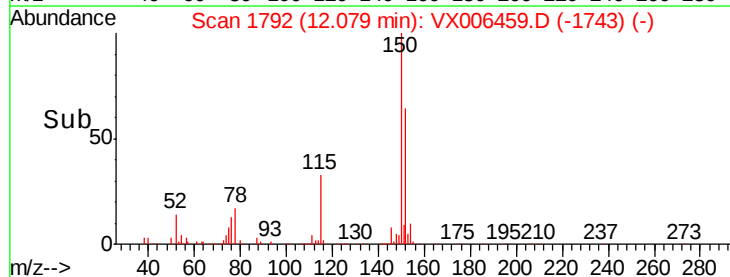
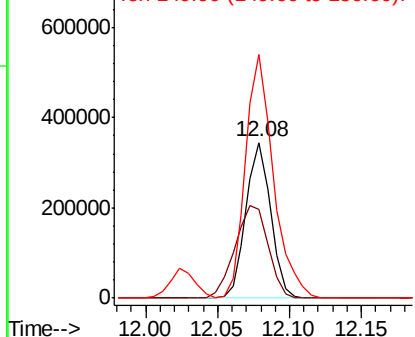


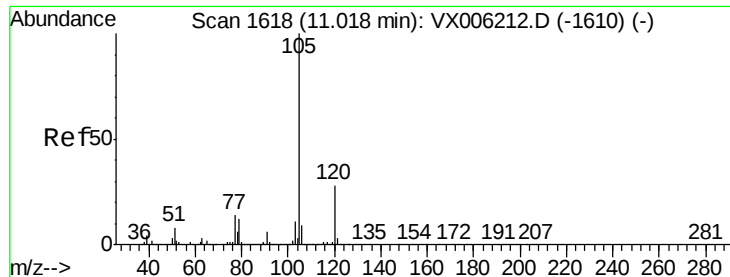
Abundance

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: 57.121 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1611453

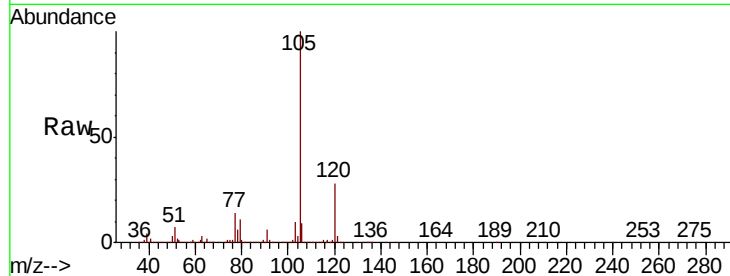
Ion Ratio Lower Upper

105 100

120 28.3 14.1 42.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

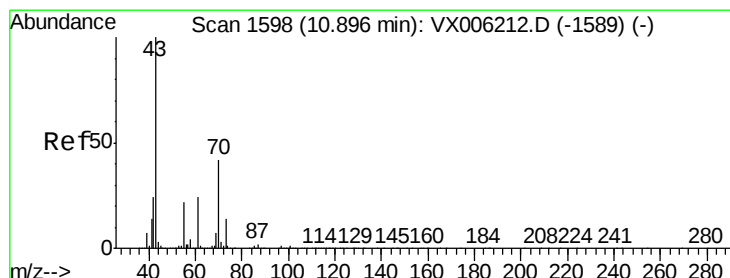
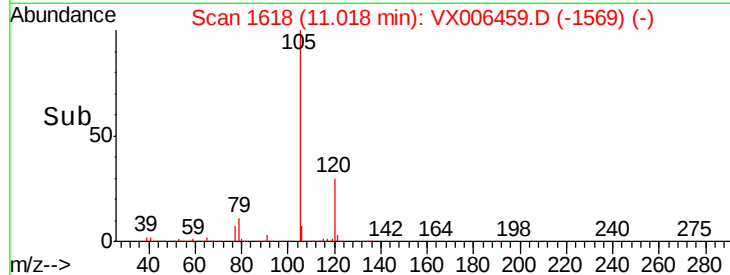
1500000

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 49.695 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Tgt Ion: 43 Resp: 603706

Ion Ratio Lower Upper

43 100

70 44.6 34.1 51.1

55 23.7 17.8 26.8

61 25.2 19.7 29.5

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

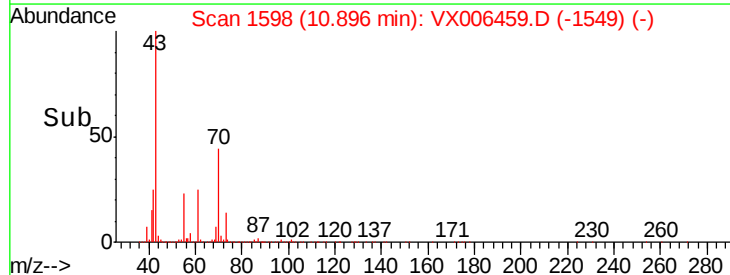
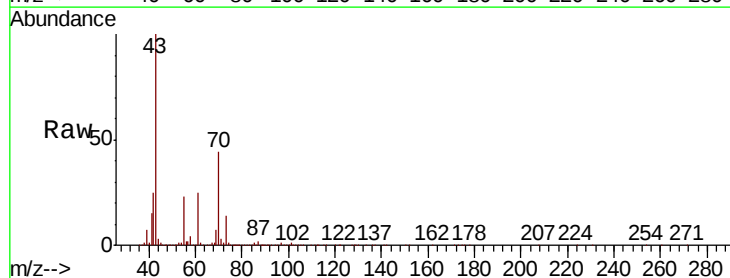
600000

400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.290 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 480957
Ion Ratio Lower Upper

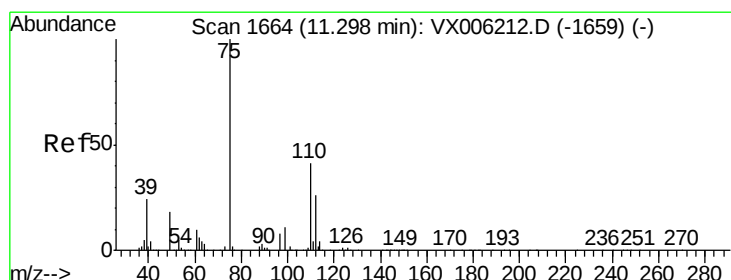
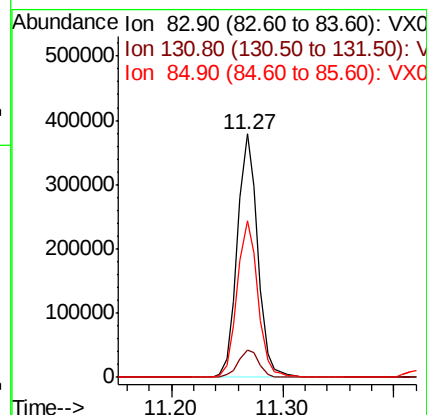
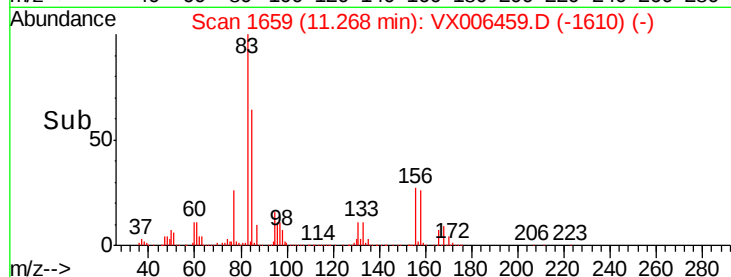
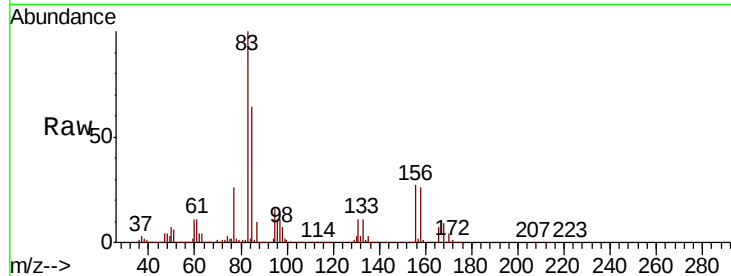
83 100

131 11.4 5.7 17.1

85 65.4 32.1 96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 56.908 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

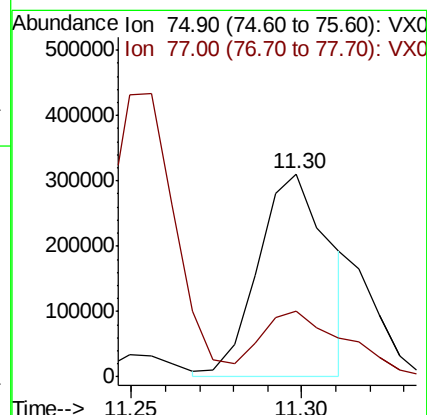
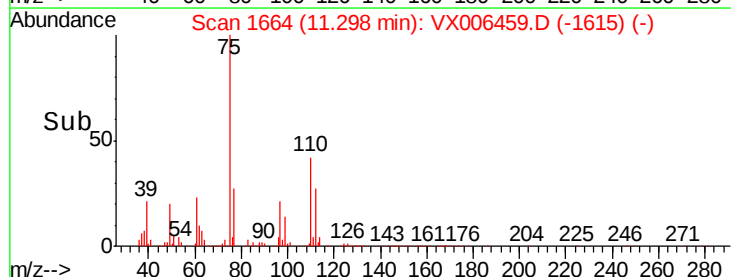
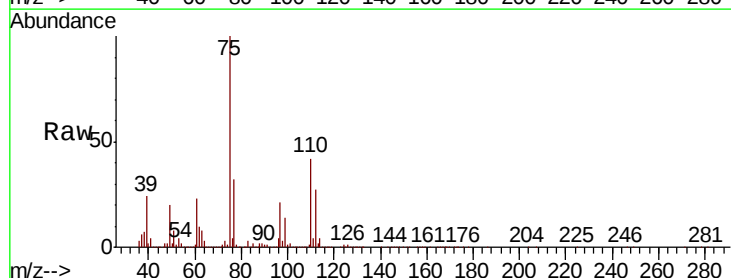
Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Tgt Ion: 75 Resp: 448709
Ion Ratio Lower Upper

75 100

77 38.6 19.9 59.7





#77

Bromobenzene

Concen: 56.358 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

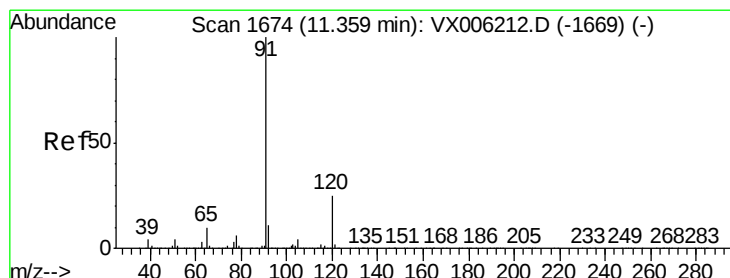
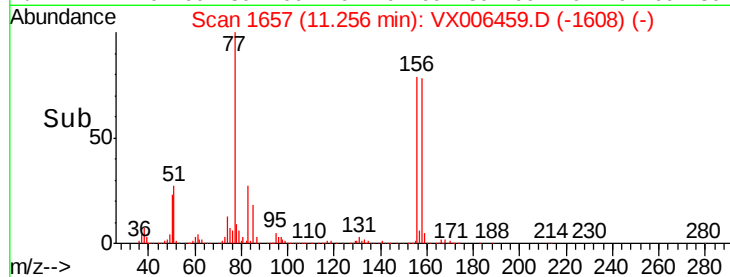
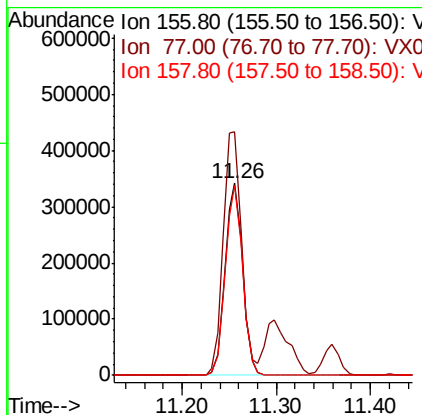
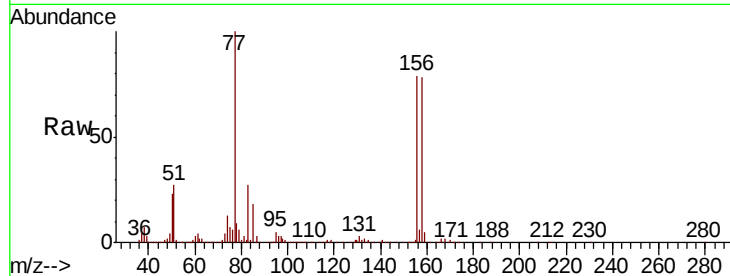
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	441227
Ion Ratio	Lower	Upper	
156	100		
77	133.4	66.2	198.6
158	97.2	48.8	146.4

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#78

n-propylbenzene

Concen: 56.402 ug/l

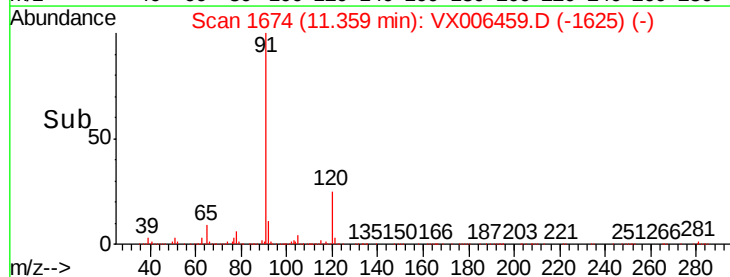
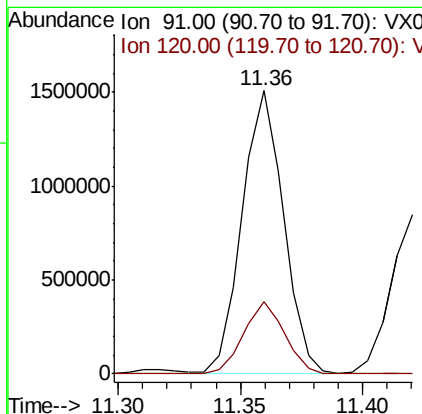
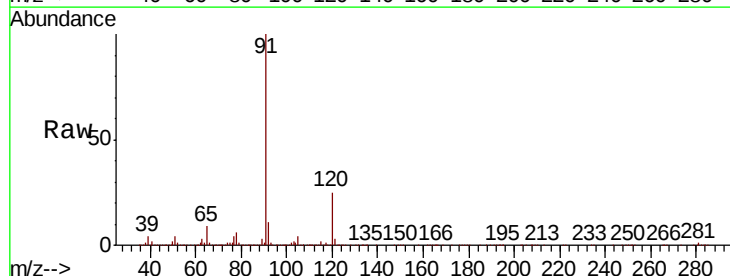
RT: 11.36 min Scan# 1674

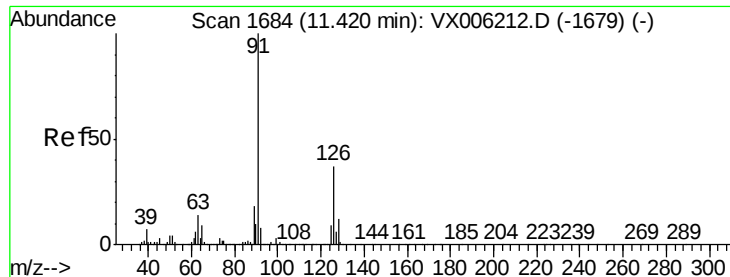
Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Tgt Ion:	91	Resp:	1768706
Ion Ratio	Lower	Upper	
91	100		
120	25.4	12.7	38.0





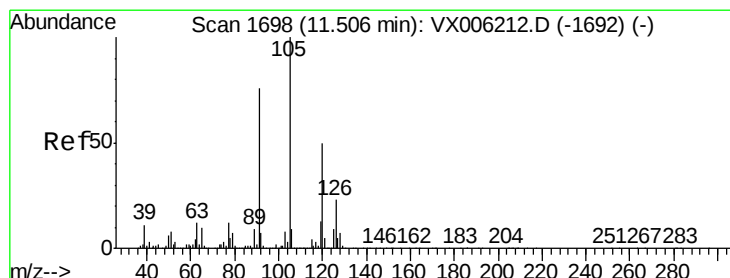
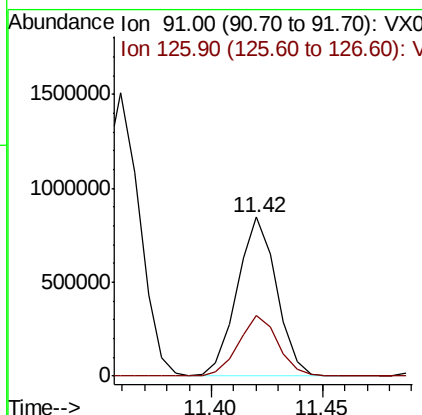
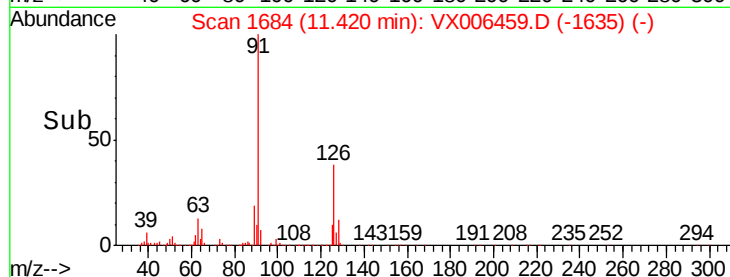
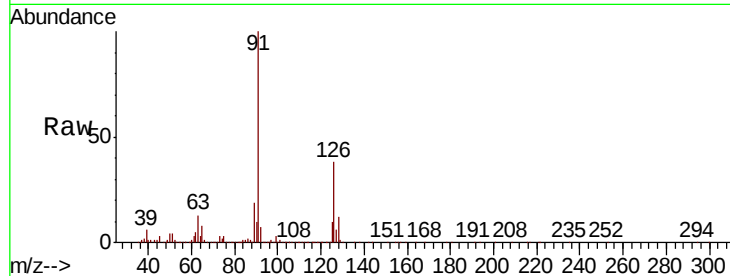
#79
2-Chlorotoluene
Concen: 55.770 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1039481
Ion Ratio Lower Upper
91 100
126 38.0 18.6 56.0

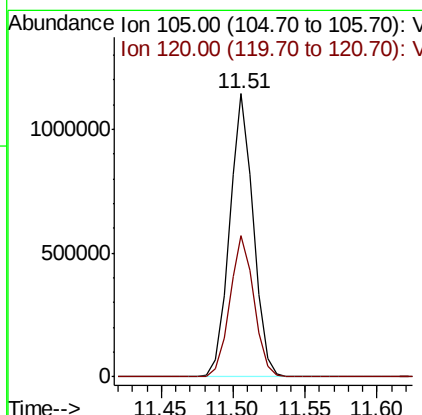
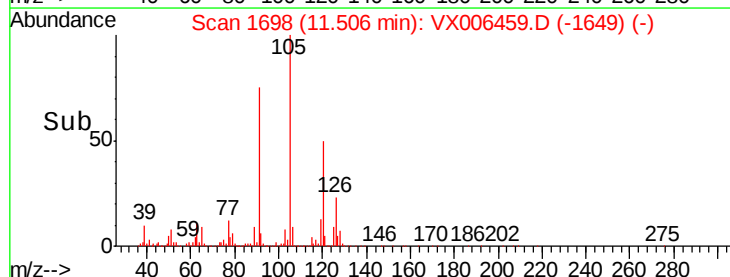
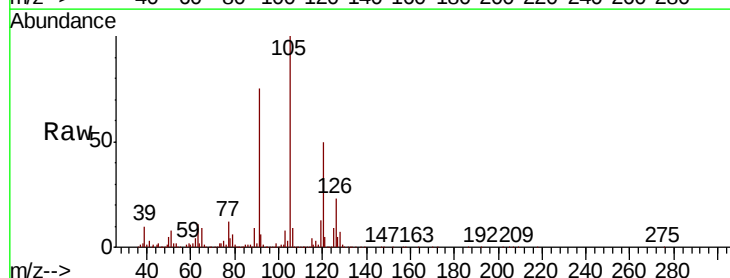
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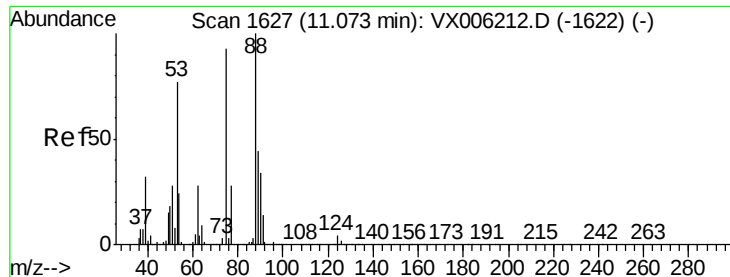
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#80
1,3,5-Trimethylbenzene
Concen: 56.254 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion: 105 Resp: 1320416
Ion Ratio Lower Upper
105 100
120 50.8 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 42.707 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

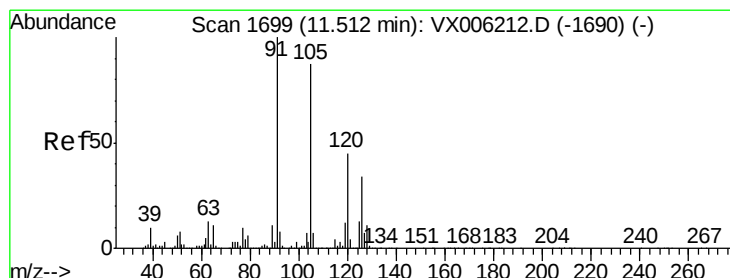
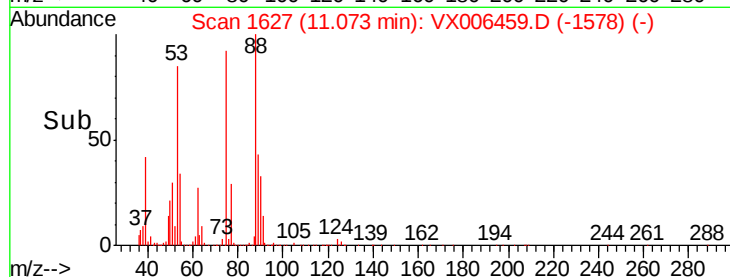
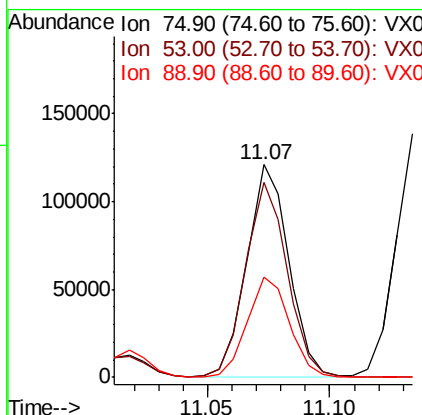
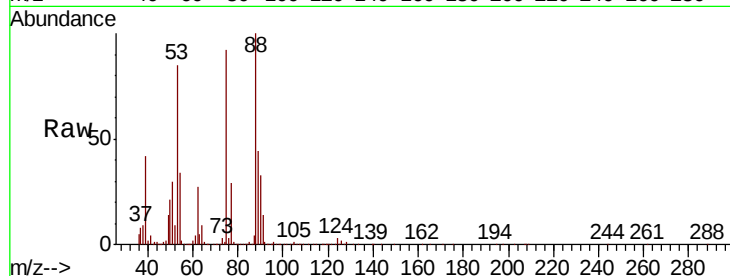
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	143492
Ion Ratio	Lower	Upper	
75	100		
53	92.0	64.4	96.6
89	47.8	44.2	66.4

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#82

4-Chlorotoluene

Concen: 54.992 ug/l

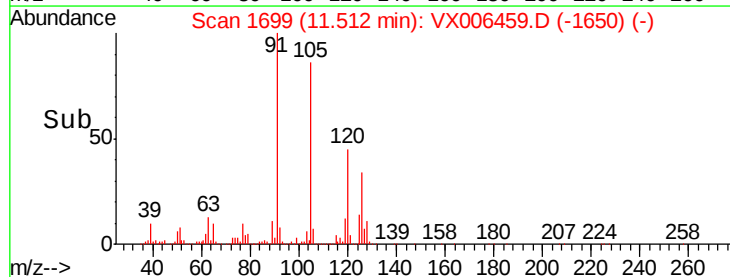
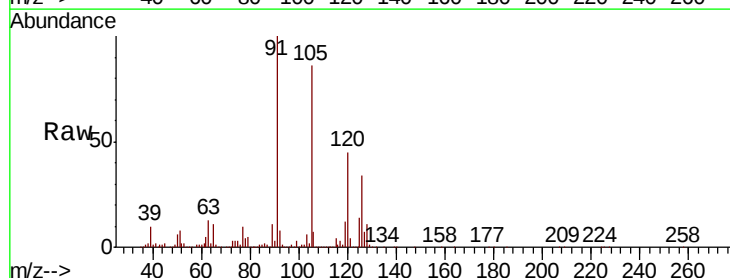
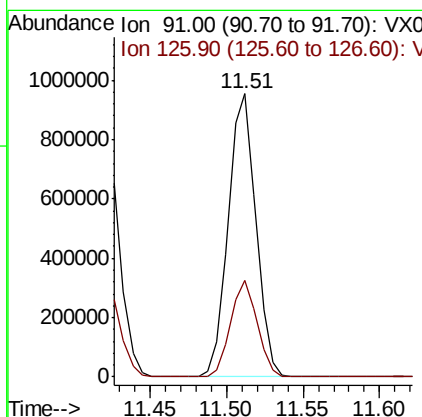
RT: 11.51 min Scan# 1699

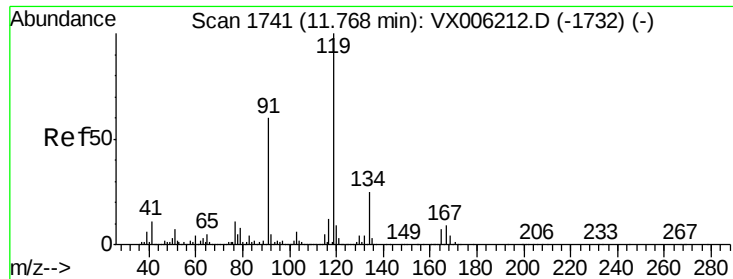
Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Tgt Ion:	91	Resp:	1191706
Ion Ratio	Lower	Upper	
91	100		
126	32.9	16.4	49.4





#83

tert-Butylbenzene

Concen: 55.264 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

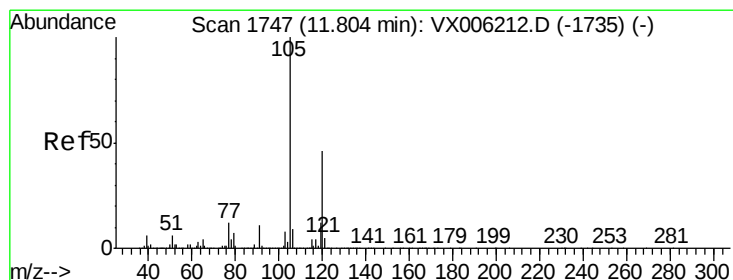
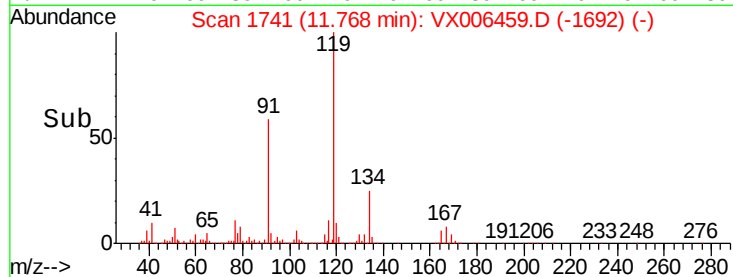
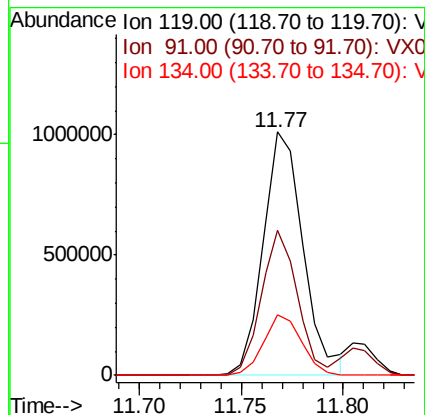
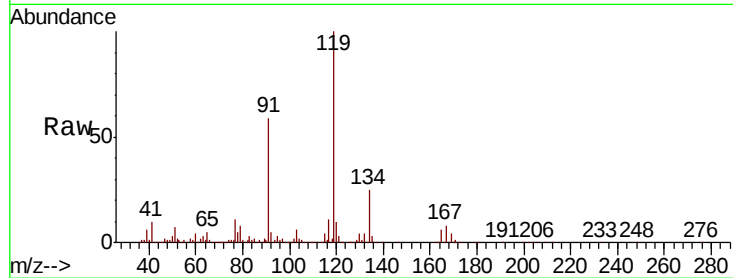
ClientSampled :

VSTDCCC050EC

Tot Ion:119	Resp: 1384027
Ion Ratio	Lower Upper
119 100	
91 53.8	26.4 79.2
134 23.5	11.6 34.7

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#84

1,2,4-Trimethylbenzene

Concen: 56.390 ug/l

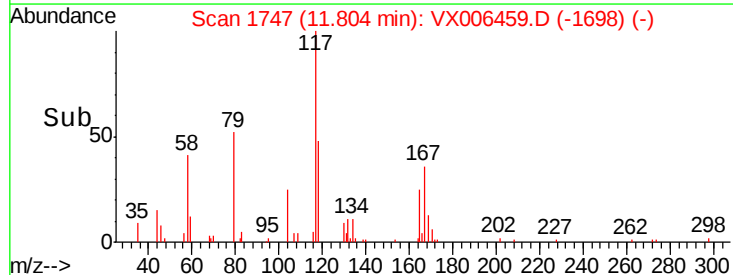
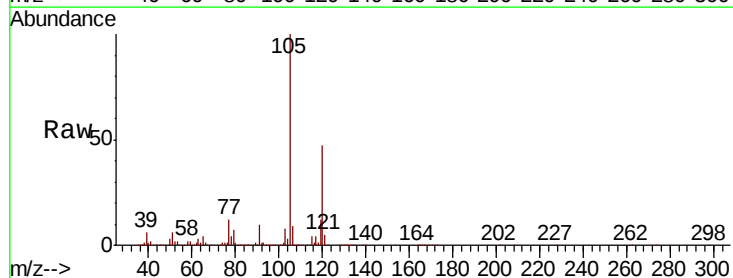
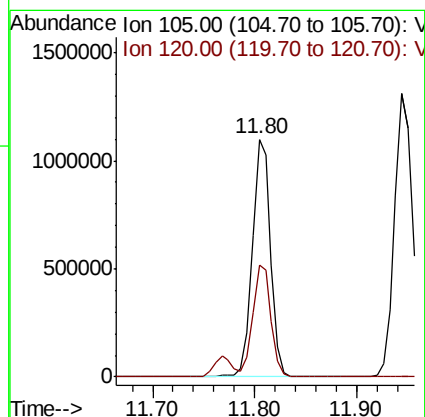
RT: 11.80 min Scan# 1747

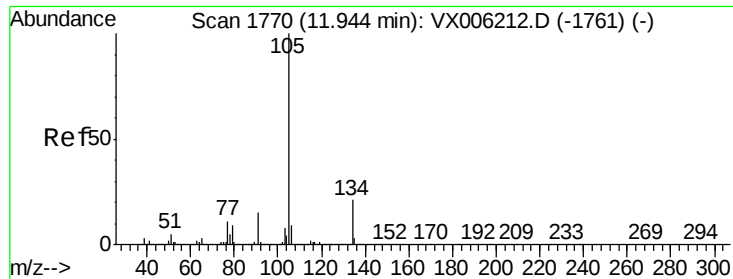
Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Tgt Ion:105	Resp: 1366746
Ion Ratio	Lower Upper
105 100	
120 46.8	23.4 70.0





#85

sec-Butylbenzene

Concen: 56.567 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1611659

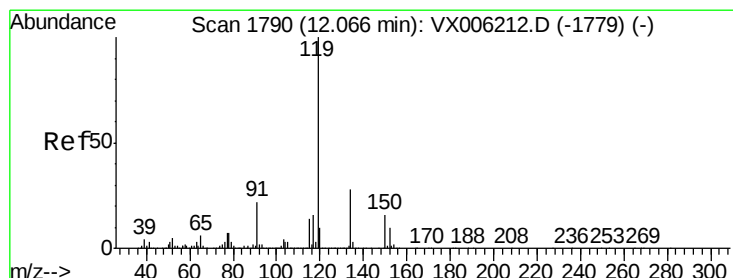
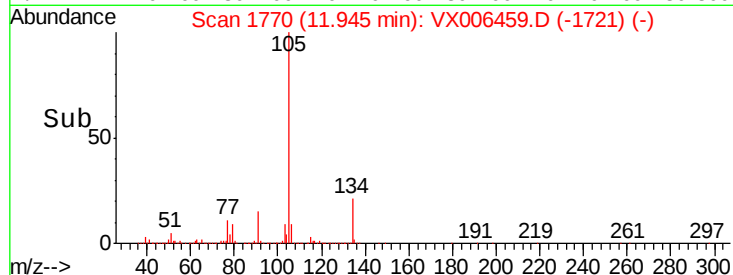
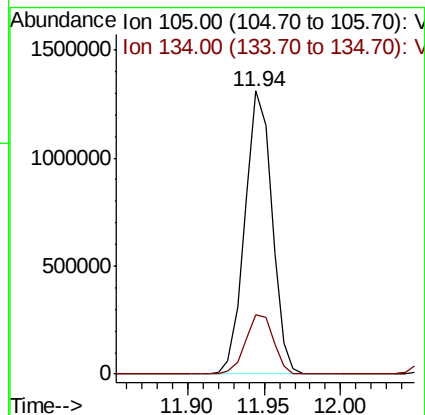
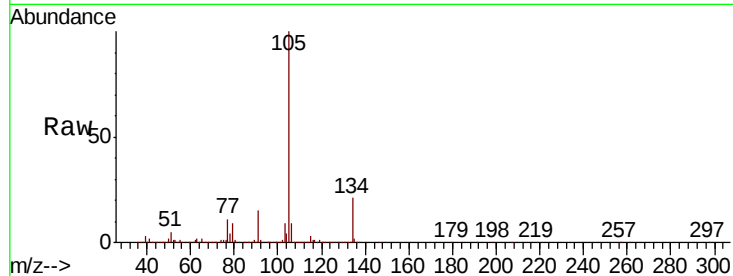
Ion Ratio Lower Upper

105 100

134 21.7 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 55.928 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

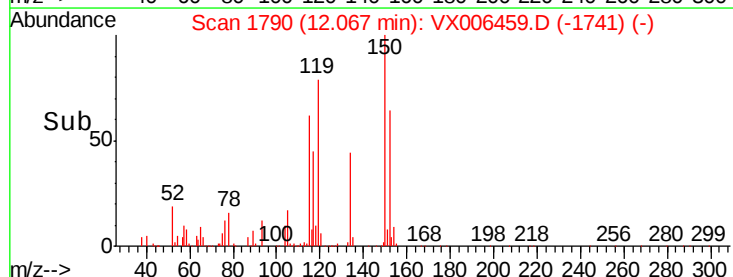
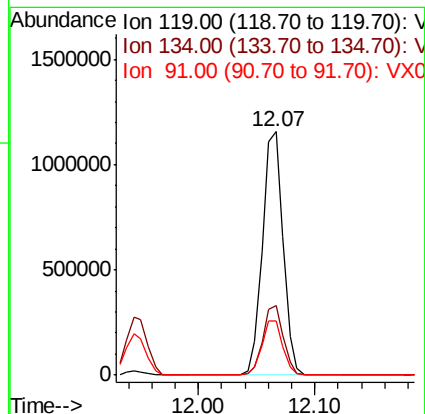
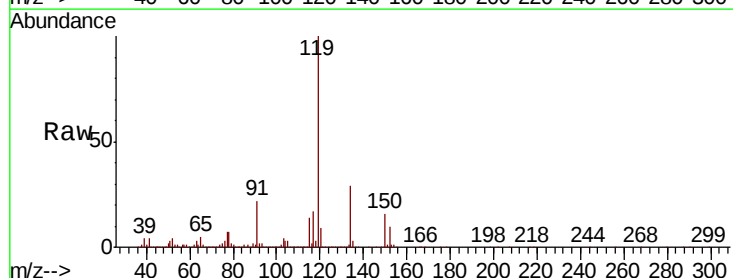
Tgt Ion:119 Resp: 1434849

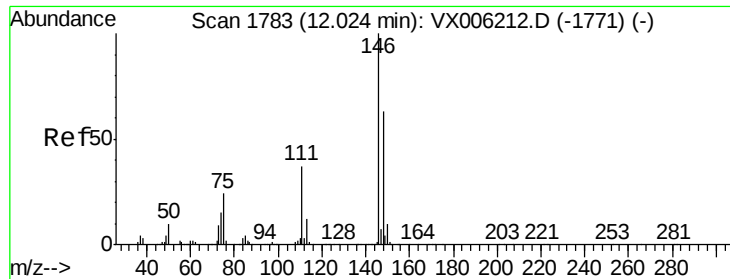
Ion Ratio Lower Upper

119 100

134 28.2 13.9 41.6

91 22.5 11.3 33.8





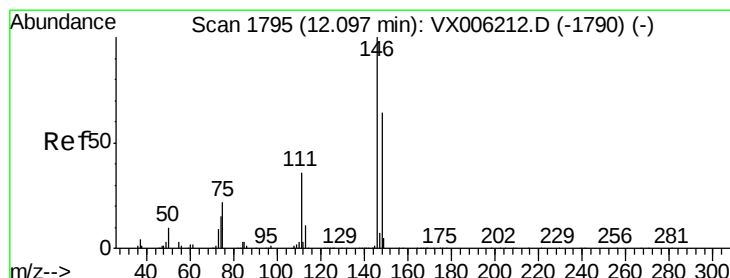
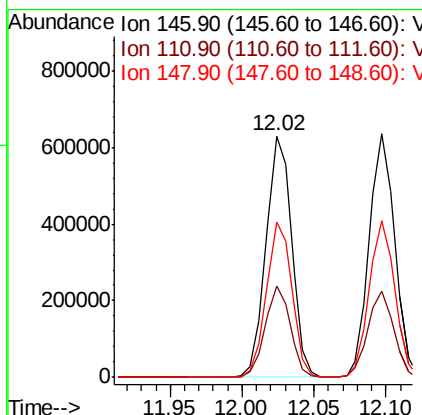
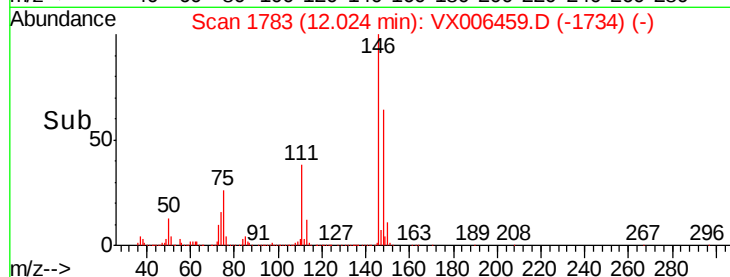
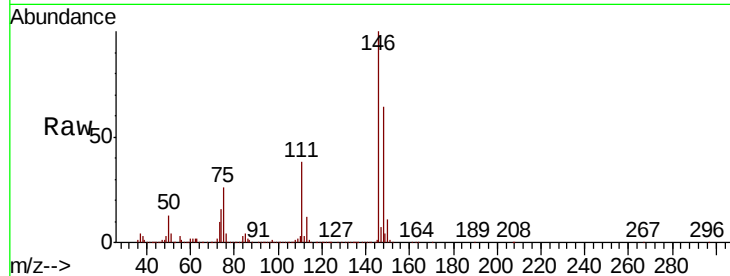
#87
 1,3-Dichlorobenzene
 Concen: 55.860 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006459.D
 Acq: 12 Dec 2018 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.4	55.2
148	63.8	32.0	96.0

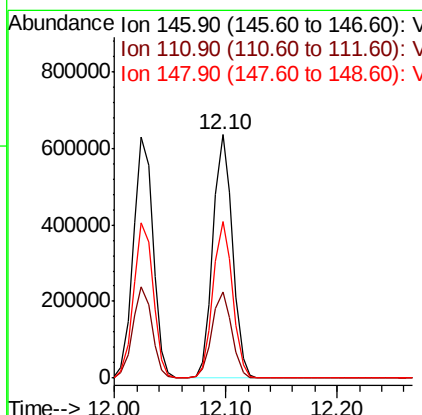
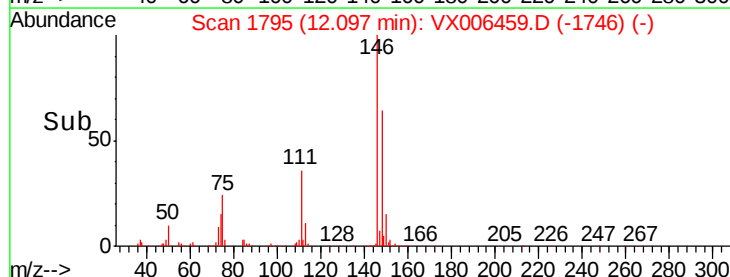
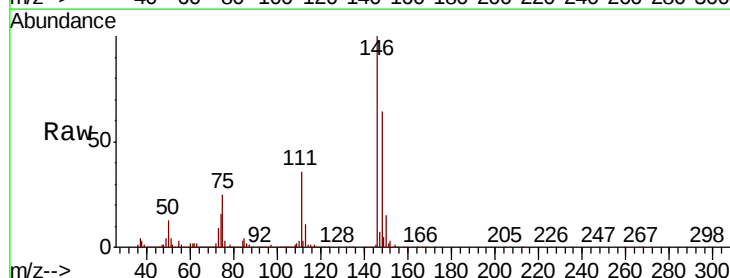
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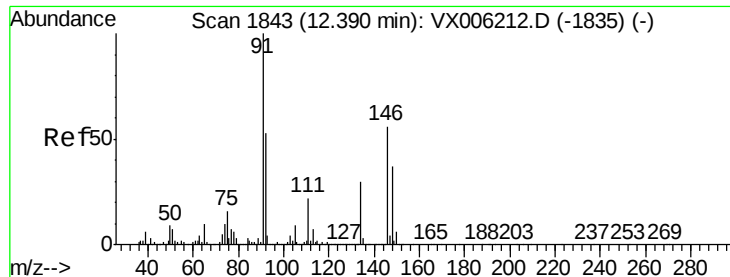
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#88
 1,4-Dichlorobenzene
 Concen: 54.755 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006459.D
 Acq: 12 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.3	54.8
148	64.5	31.9	95.9





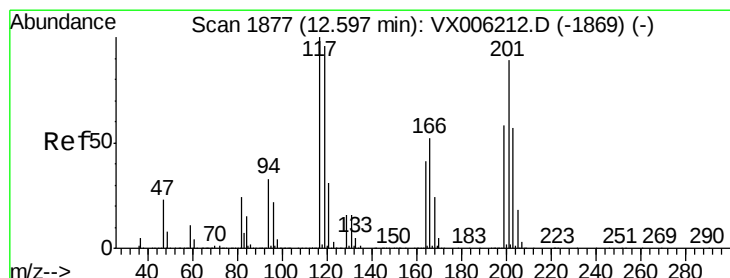
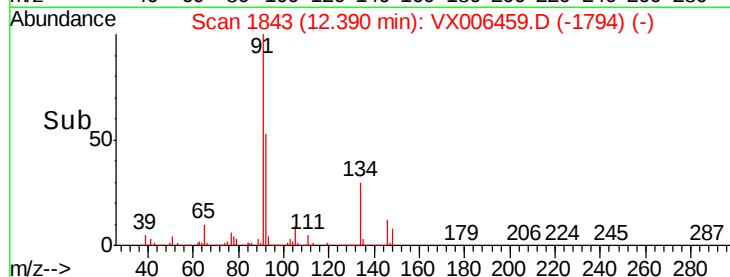
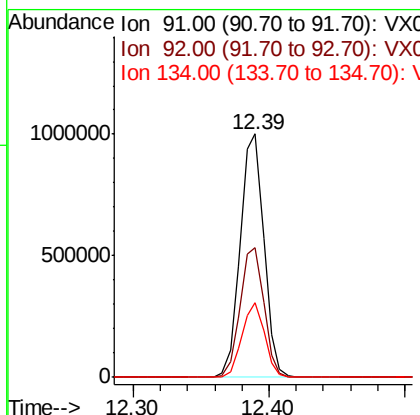
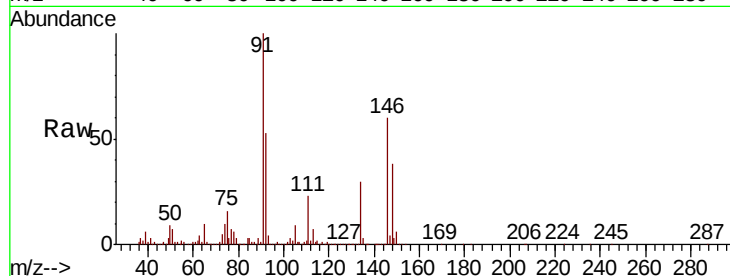
#89
n-Butylbenzene
Concen: 55.481 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1214481
Ion Ratio Lower Upper
91 100
92 53.7 26.6 79.8
134 29.5 14.8 44.3

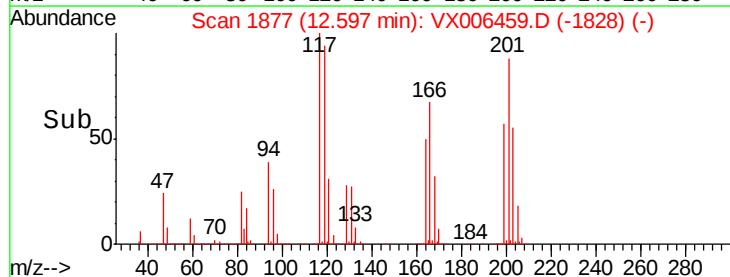
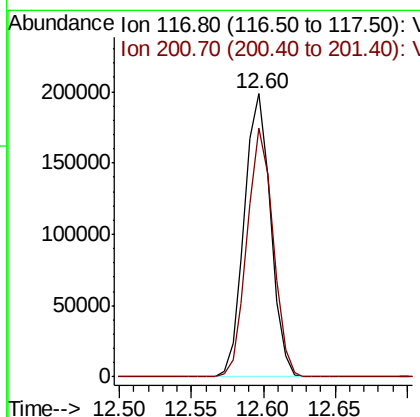
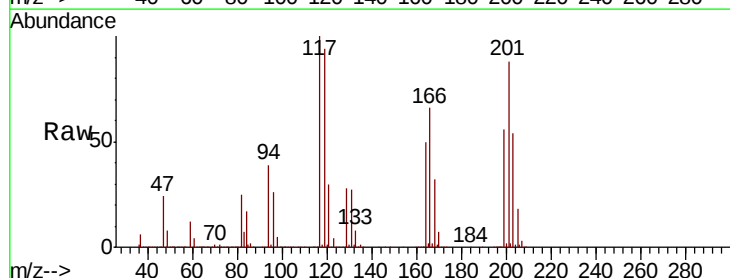
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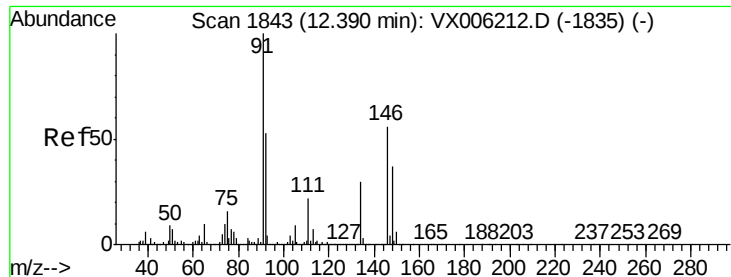
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#90
Hexachloroethane
Concen: 47.935 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion: 117 Resp: 250645
Ion Ratio Lower Upper
117 100
201 86.9 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 54.991 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Instrument :

MSVOA_X

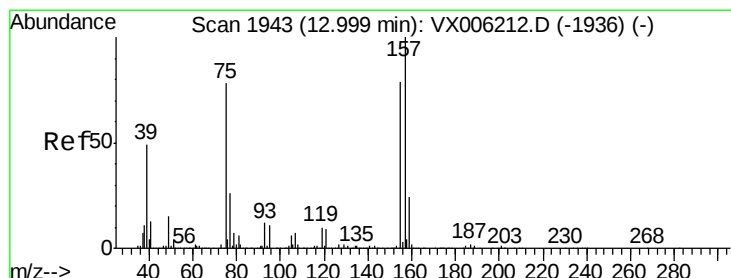
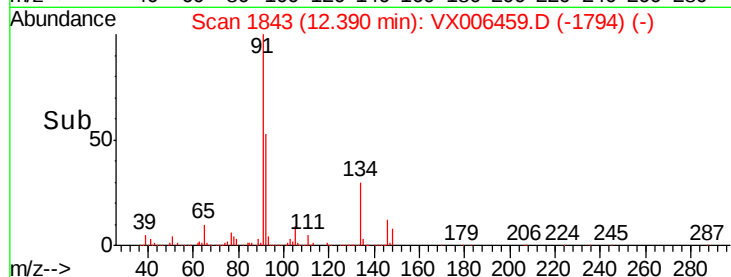
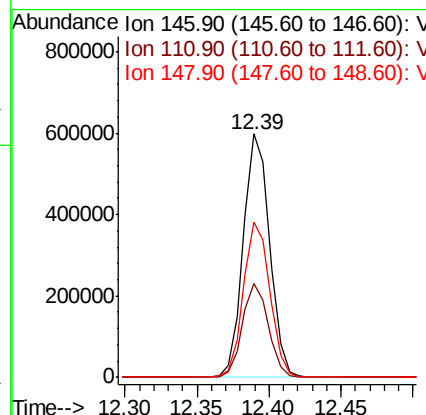
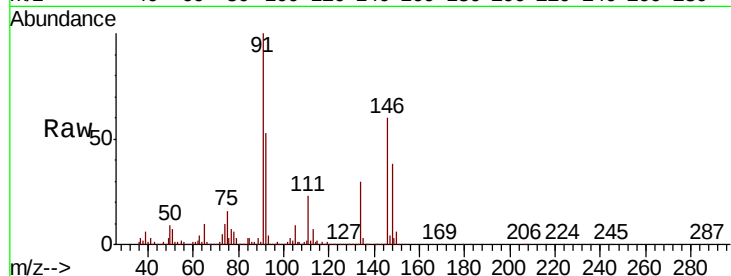
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	760287
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.1	57.3
148	64.1	32.1	96.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 46.460 ug/l

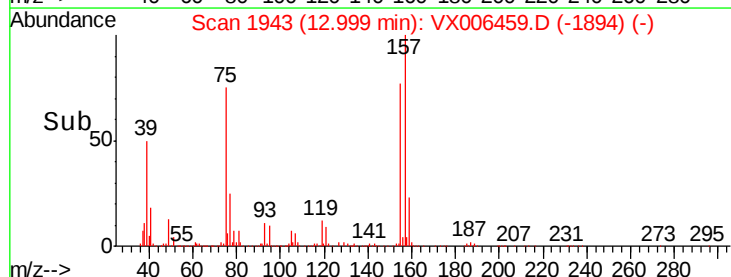
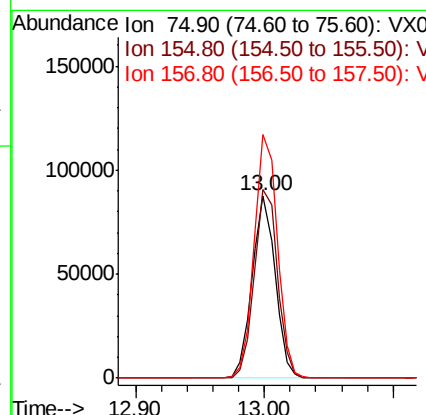
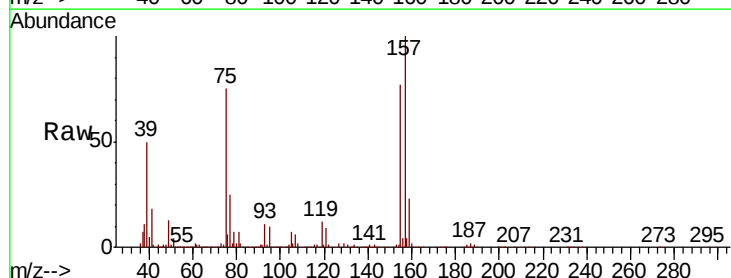
RT: 13.00 min Scan# 1943

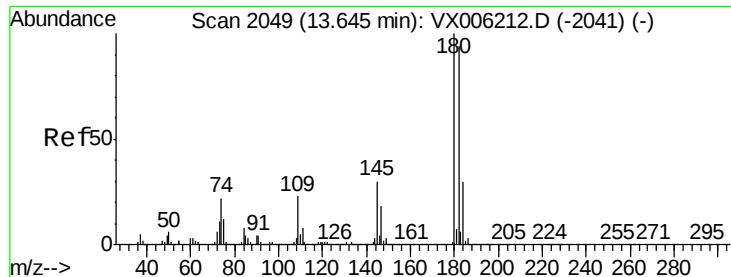
Delta R.T. 0.00 min

Lab File: VX006459.D

Acq: 12 Dec 2018 21:32

Tgt Ion:	75	Resp:	107487
Ion Ratio	Lower	Upper	
75	100		
155	103.8	53.4	160.3
157	134.1	68.0	203.8





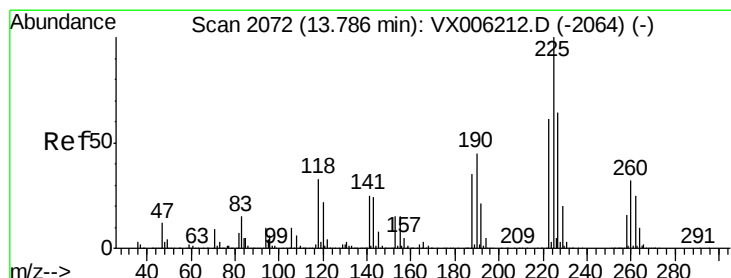
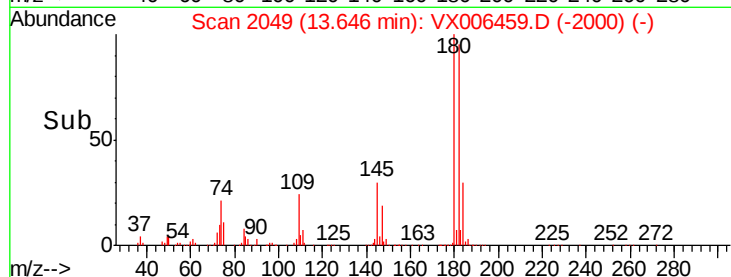
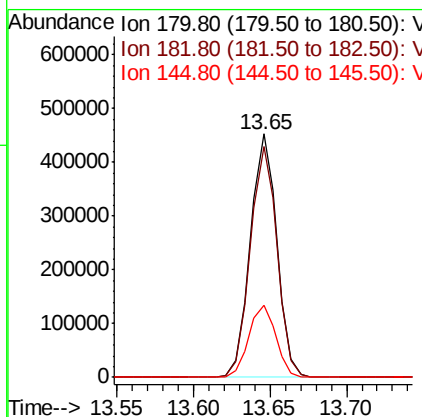
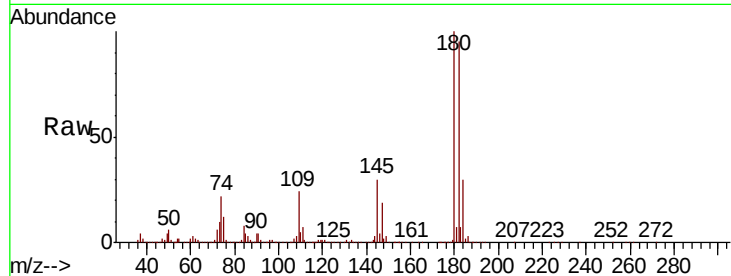
#93
 1,2,4-Trichlorobenzene
 Concen: 54.168 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006459.D
 Acq: 12 Dec 2018 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	546380		
182	95.6	47.3	141.9	
145	30.2	14.6	43.8	

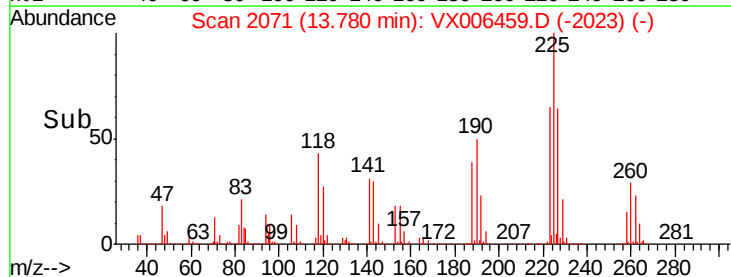
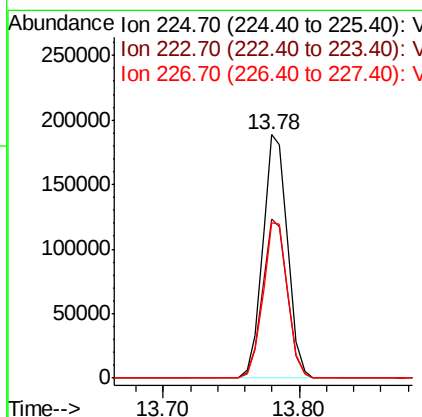
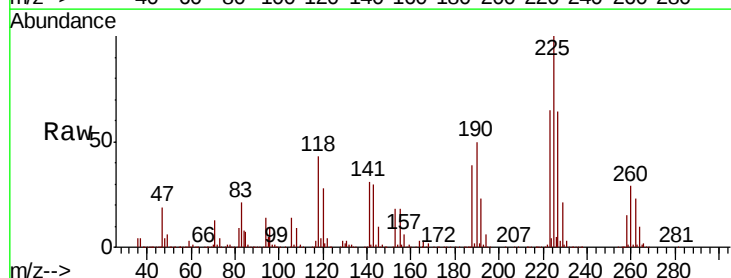
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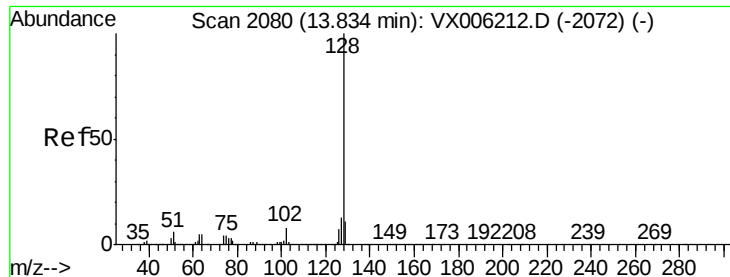
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 12/13/2018 11:05:21 AM



#94
 Hexachlorobutadiene
 Concen: 53.871 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006459.D
 Acq: 12 Dec 2018 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	240304		
223	65.0	31.2	93.6	
227	63.7	31.9	95.5	





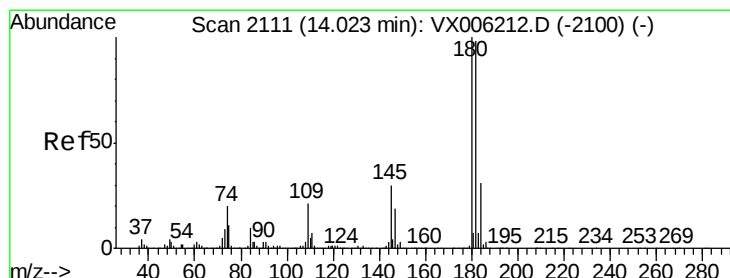
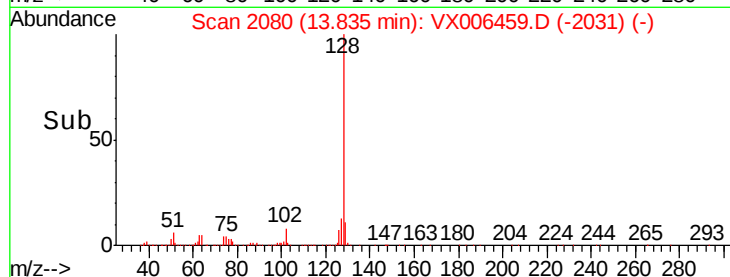
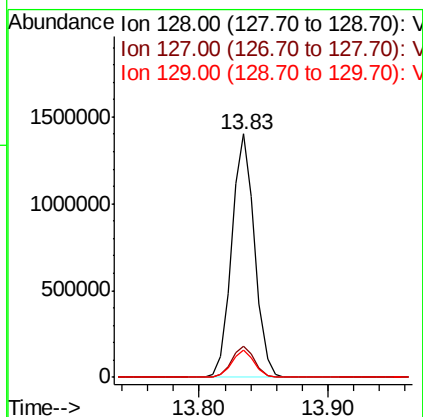
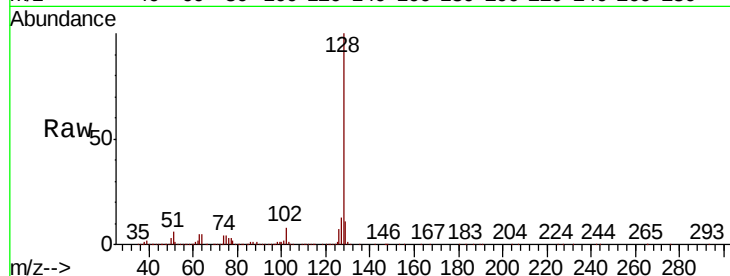
#95
Naphthalene
Concen: 55.051 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
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#96
1,2,3-Trichlorobenzene
Concen: 55.028 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006459.D
Acq: 12 Dec 2018 21:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.4	145.2
145	31.0	15.6	46.8

