

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021619\
 Data File : VX007574.D
 Acq On : 15 Feb 2019 17:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 16 04:05:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	456161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	679135	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	622801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	325451	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	240677	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
35) Dibromofluoromethane	5.50	113	219184	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	8.71	98	794431	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.13	95	289570	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	232903	41.579	ug/l	98
3) Chloromethane	1.33	50	211471	41.158	ug/l	97
4) Vinyl Chloride	1.41	62	226705	44.976	ug/l	99
5) Bromomethane	1.64	94	212303	42.524	ug/l	97
6) Chloroethane	1.72	64	150545	46.170	ug/l	99
7) Trichlorofluoromethane	1.93	101	364086	46.174	ug/l	99
8) Diethyl Ether	2.19	74	136499	45.993	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	207434	44.226	ug/l	98
10) Methyl Iodide	2.51	142	281834	40.847	ug/l	99
11) Tert butyl alcohol	3.07	59	248321	247.823	ug/l	99
12) 1,1-Dichloroethene	2.37	96	191018	43.858	ug/l	98
13) Acrolein	2.30	56	115606	246.039	ug/l	98
14) Allyl chloride	2.73	41	339270	47.807	ug/l	98
15) Acrylonitrile	3.15	53	612226	246.988	ug/l	99
16) Acetone	2.45	43	581693	262.273	ug/l	98
17) Carbon Disulfide	2.57	76	448252	39.810	ug/l	100
18) Methyl Acetate	2.78	43	341915	59.059	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	678483	48.084	ug/l	99
20) Methylene Chloride	2.86	84	219468	48.433	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	201338	43.395	ug/l	98
22) Diisopropyl ether	3.87	45	644997	49.411	ug/l	96
23) Vinyl Acetate	3.82	43	2694300	248.728	ug/l	100
24) 1,1-Dichloroethane	3.70	63	354987	47.354	ug/l	99
25) 2-Butanone	4.70	43	818100	259.194	ug/l	99
26) 2,2-Dichloropropane	4.59	77	273033	47.825	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	233944	46.165	ug/l	99
28) Bromochloromethane	5.02	49	172960	50.172	ug/l	97
29) Tetrahydrofuran	5.15	42	520946	262.426	ug/l	100
30) Chloroform	5.21	83	375858	48.049	ug/l	97
31) Cyclohexane	5.57	56	296318	44.011	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	325981	49.369	ug/l	99
36) 1,1-Dichloropropene	5.80	75	262401	43.063	ug/l	99
37) Ethyl Acetate	4.86	43	299263	48.584	ug/l	99
38) Carbon Tetrachloride	5.78	117	284349	48.100	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	318434	43.192	ug/l	97
40) Benzene	6.15	78	828453	46.155	ug/l	100
41) Methacrylonitrile	5.06	41	170326	51.593	ug/l	98
42) 1,2-Dichloroethane	6.20	62	282306	45.457	ug/l	99
43) Isopropyl Acetate	6.46	43	484184	50.926	ug/l	100
44) Trichloroethene	7.21	130	241243	44.625	ug/l	98
45) 1,2-Dichloropropane	7.52	63	215429	47.902	ug/l	99
46) Dibromomethane	7.66	93	148642	45.475	ug/l	100
47) Bromodichloromethane	7.90	83	277388	50.073	ug/l	99
48) Methyl methacrylate	7.77	41	249027	52.364	ug/l	99
49) 1,4-Dioxane	7.75	88	104461	966.097	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1598214	255.350	ug/l	99
52) Toluene	8.79	92	533855	46.098	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	301489	50.667	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	333261	50.929	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	231184	47.890	ug/l	96
56) Ethyl methacrylate	9.18	69	340907	50.988	ug/l	99
57) 1,3-Dichloropropane	9.37	76	366920	47.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	884501	250.989	ug/l	100
59) 2-Hexanone	9.49	43	1217397	249.954	ug/l	100
60) Dibromochloromethane	9.59	129	244873	53.635	ug/l	99
61) 1,2-Dibromoethane	9.67	107	242287	47.393	ug/l	99
64) Tetrachloroethene	9.34	164	238516	40.633	ug/l	95
65) Chlorobenzene	10.14	112	619727	45.599	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	230057	50.489	ug/l	99
67) Ethyl Benzene	10.25	91	1017114	46.473	ug/l	100
68) m/p-Xylenes	10.36	106	798621	91.795	ug/l	99
69) o-Xylene	10.70	106	392854	46.927	ug/l	99
70) Styrene	10.71	104	649770	47.859	ug/l	99
71) Bromoform	10.86	173	181275	45.733	ug/l	99
73) Isopropylbenzene	11.02	105	1051018	47.523	ug/l	99
74) N-amyl acetate	10.90	43	433107	50.630	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	337880	50.130	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	391877	61.904	ug/l	78
77) Bromobenzene	11.26	156	285088	45.751	ug/l	98
78) n-propylbenzene	11.36	91	1174012	48.409	ug/l	99
79) 2-Chlorotoluene	11.42	91	686981	46.684	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	867021	47.918	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	98763	48.373	ug/l	96
82) 4-Chlorotoluene	11.51	91	810614	47.607	ug/l	99
83) tert-Butylbenzene	11.77	119	874650	48.825	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	885922	48.228	ug/l	99
85) sec-Butylbenzene	11.94	105	1049069	48.386	ug/l	100
86) p-Isopropyltoluene	12.07	119	942103	48.136	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	502239	44.910	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	505560	44.559	ug/l	99
89) n-Butylbenzene	12.39	91	803022	47.695	ug/l	100
90) Hexachloroethane	12.60	117	155098	52.950	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	503170	45.211	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72129	51.466	ug/l	100

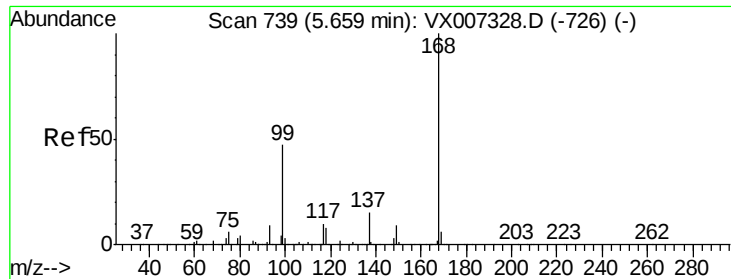
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	342014	45.568	ug/l	99
94) Hexachlorobutadiene	13.78	225	162832	44.679	ug/l	99
95) Naphthalene	13.83	128	1072588	48.868	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	348021	46.065	ug/l	100

(#) = 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. 0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

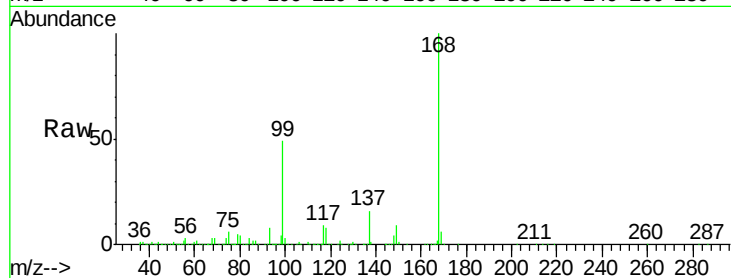
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 456161

Ion Ratio Lower Upper

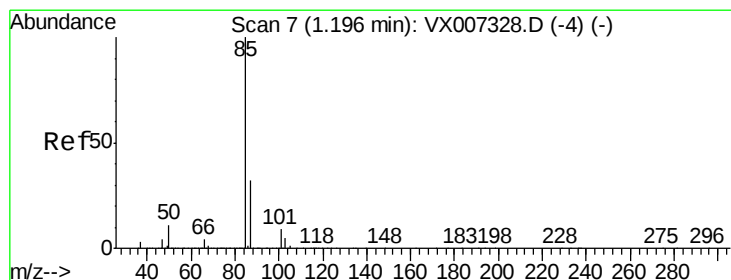
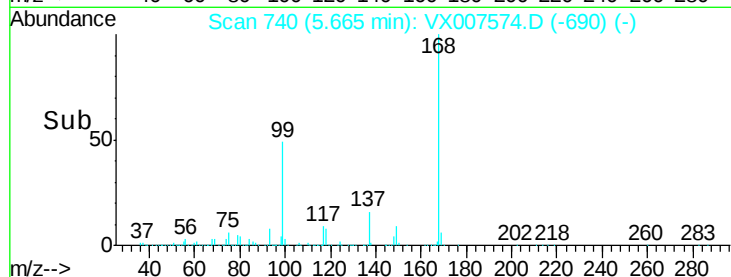
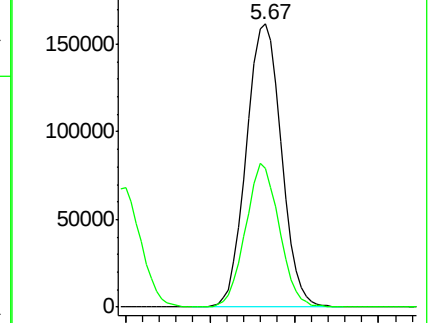
168 100

99 49.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 41.579 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007574.D

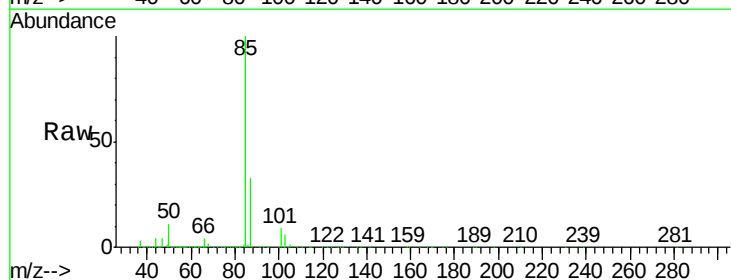
Acq: 15 Feb 2019 17:58

Tgt Ion: 85 Resp: 232903

Ion Ratio Lower Upper

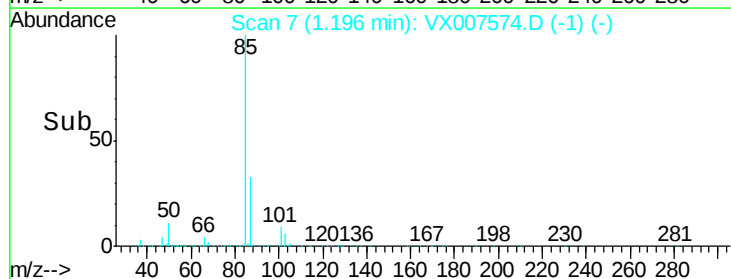
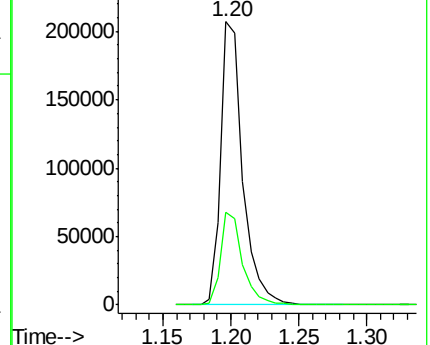
85 100

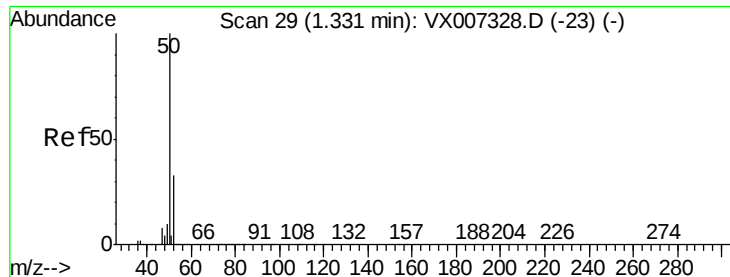
87 32.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 41.158 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

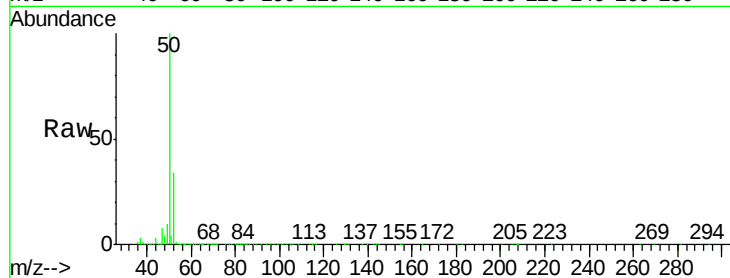
ClientSampleId :

Tot Ion: 50 Resp: 211471

Ion Ratio Lower Upper

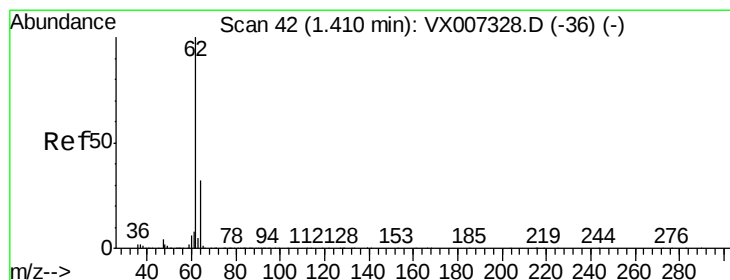
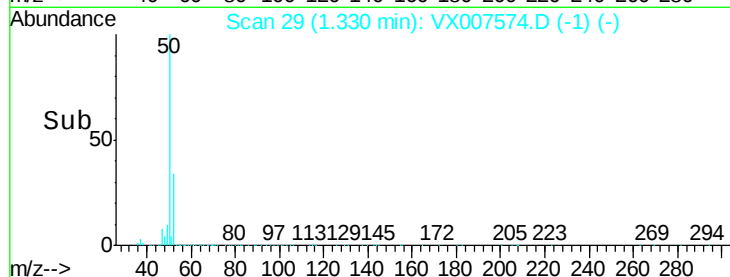
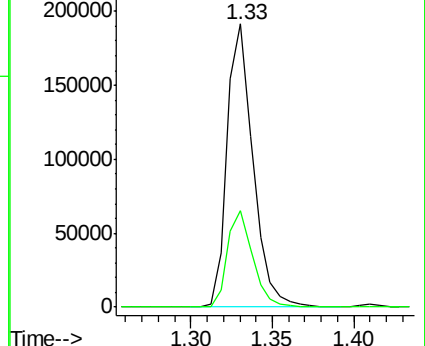
50 100

52 34.0 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.976 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007574.D

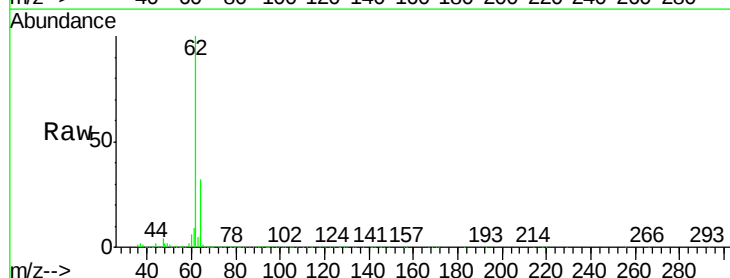
Acq: 15 Feb 2019 17:58

Tgt Ion: 62 Resp: 226705

Ion Ratio Lower Upper

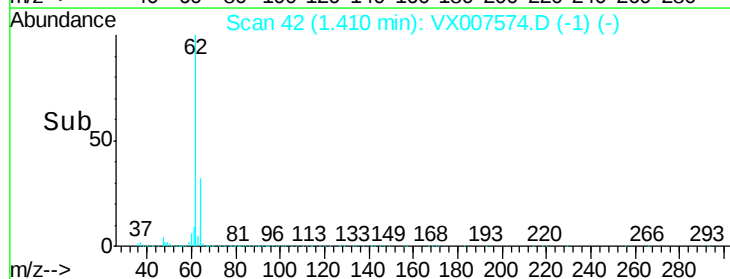
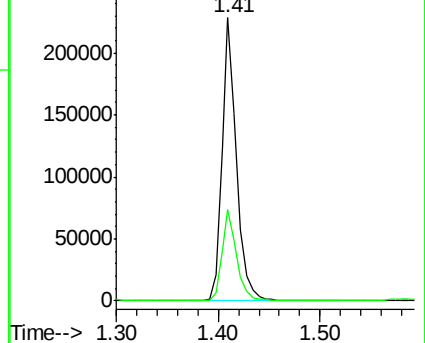
62 100

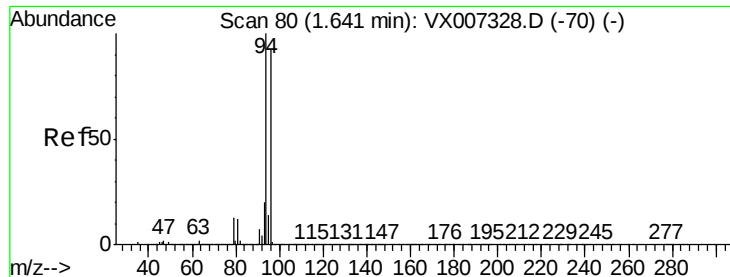
64 32.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 42.524 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

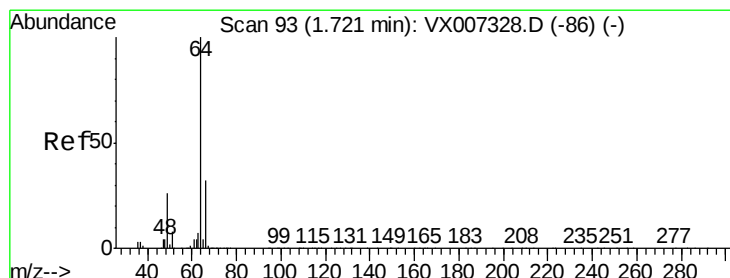
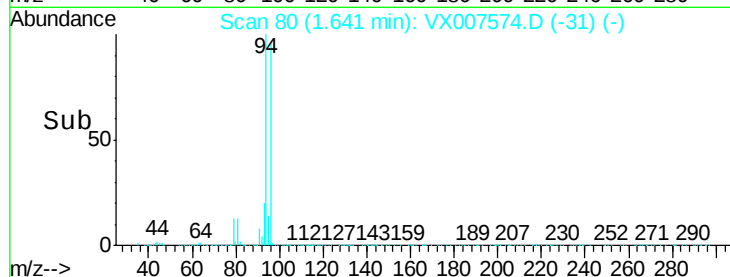
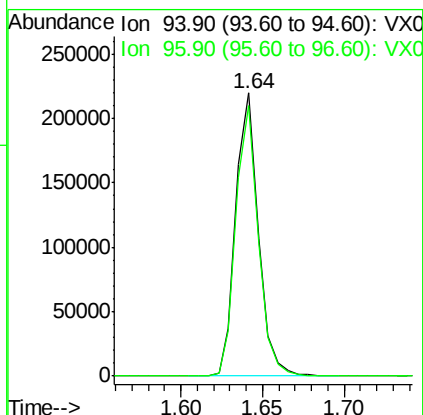
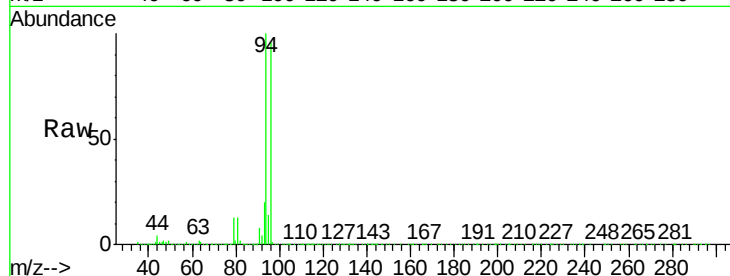
ClientSampleId :

Tot Ion: 94 Resp: 212303

Ion Ratio Lower Upper

94 100

96 95.5 73.9 110.9



#6

Chloroethane

Concen: 46.170 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007574.D

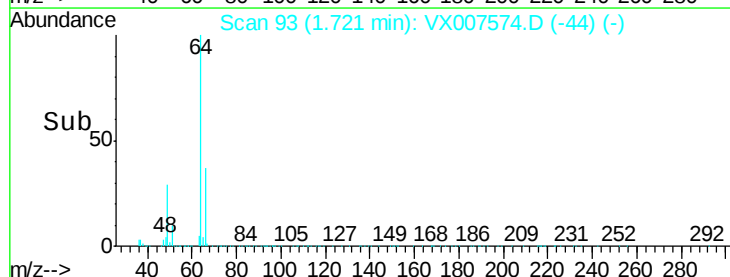
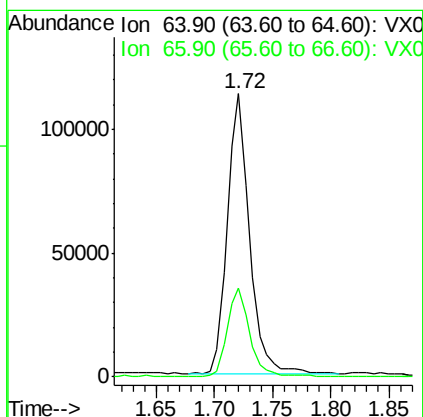
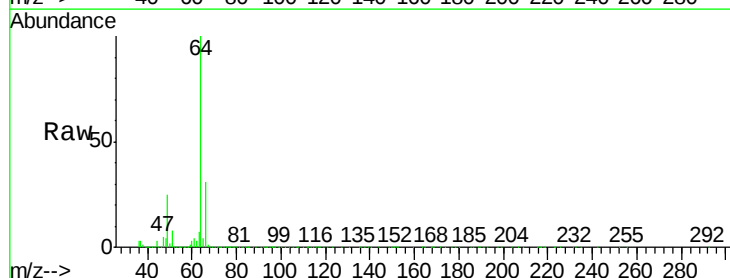
Acq: 15 Feb 2019 17:58

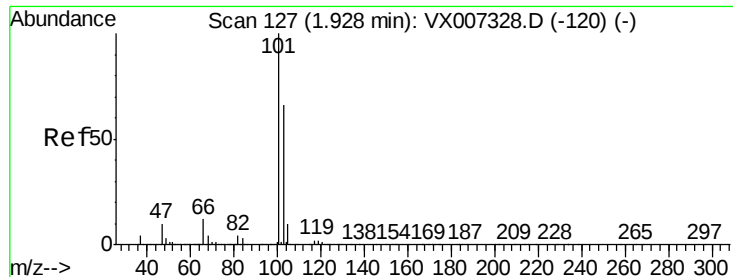
Tgt Ion: 64 Resp: 150545

Ion Ratio Lower Upper

64 100

66 31.5 25.5 38.3



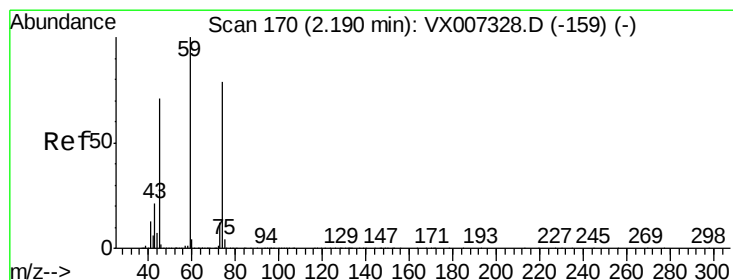
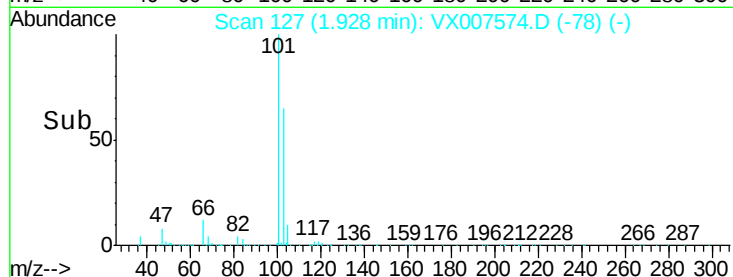
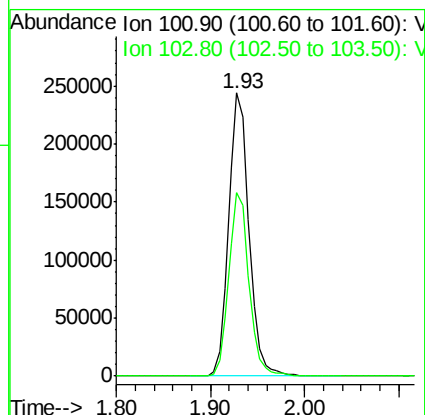
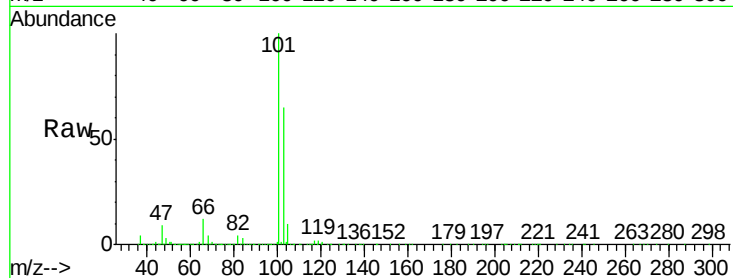


#7

Trichlorofluoromethane
Concen: 46.174 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_W
ClientSampled :

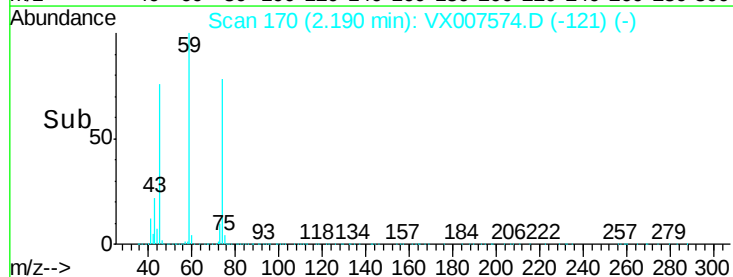
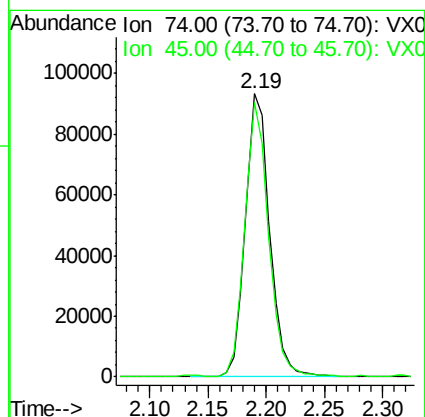
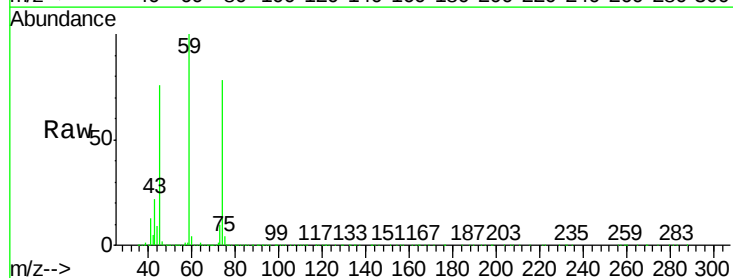
Tot Ion:101 Resp: 364086
Ion Ratio Lower Upper
101 100
103 64.7 52.6 79.0

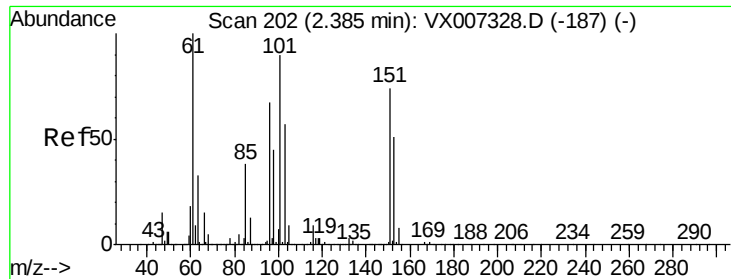


#8

Diethyl Ether
Concen: 45.993 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion: 74 Resp: 136499
Ion Ratio Lower Upper
74 100
45 94.5 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.226 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007574.D

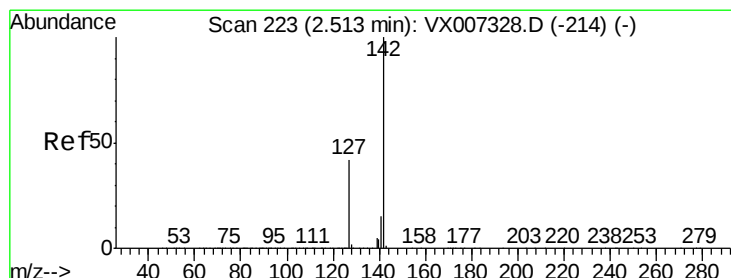
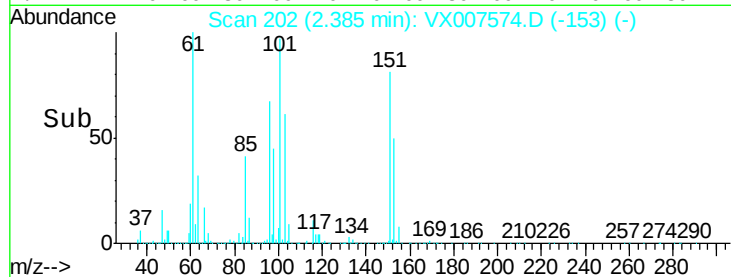
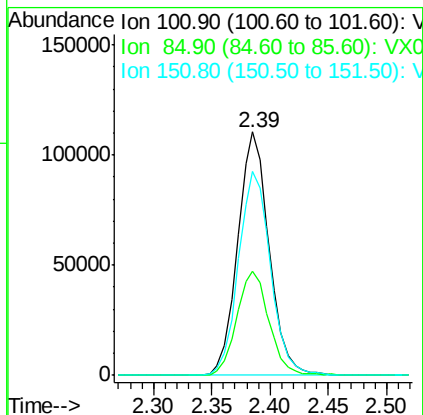
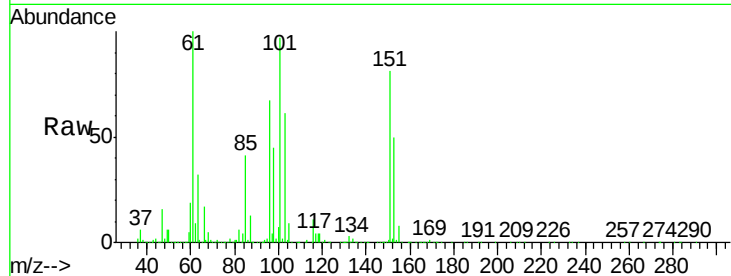
Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:	101	Resp:	207434
Ion	Ratio	Lower	Upper
101	100		
85	43.6	34.1	51.1
151	85.6	69.9	104.9



#10

Methyl Iodide

Concen: 40.847 ug/l

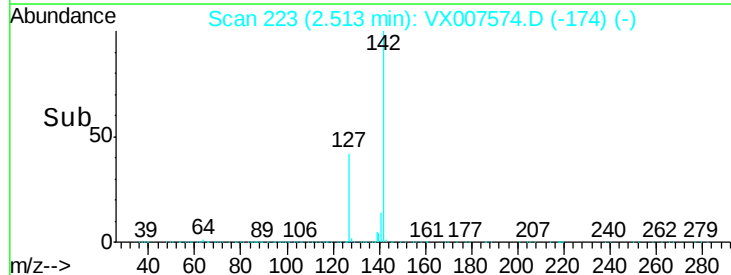
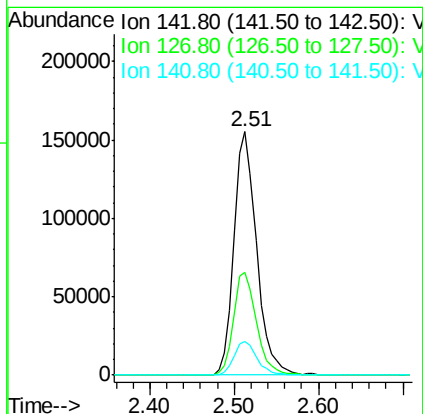
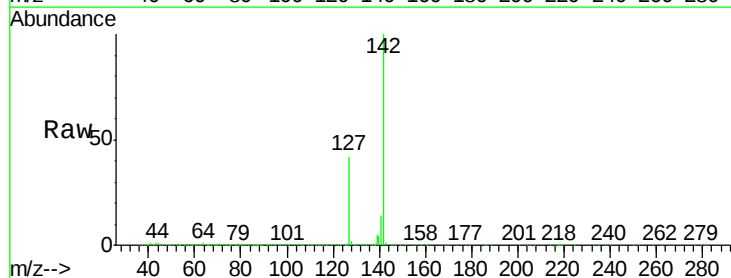
RT: 2.51 min Scan# 223

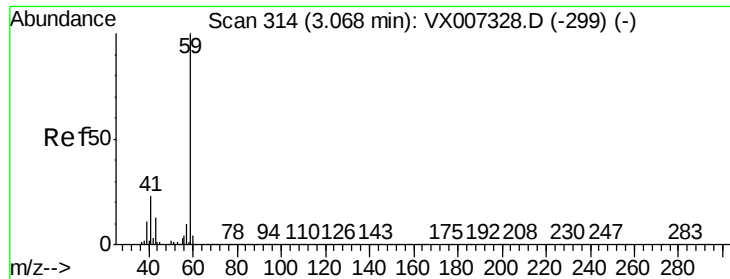
Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Tgt Ion:	142	Resp:	281834
Ion	Ratio	Lower	Upper
142	100		
127	42.8	33.7	50.5
141	14.1	11.3	16.9



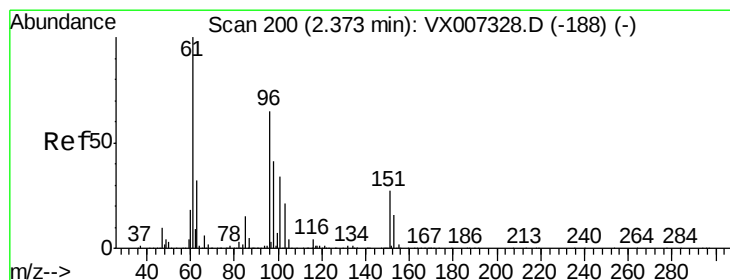
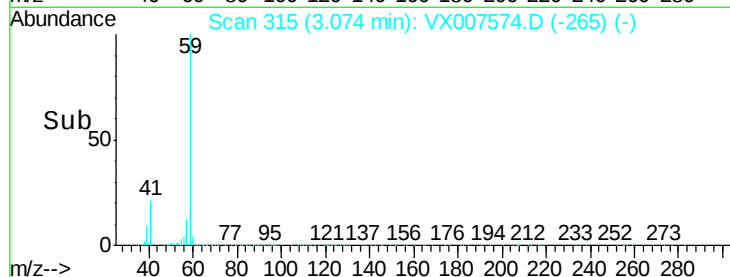
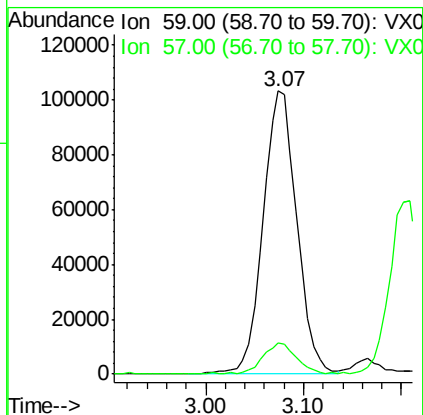
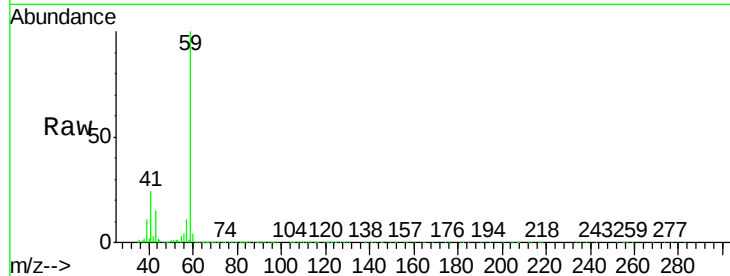


#11

Tert butyl alcohol
Concen: 247.823 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_W
ClientSampleId :

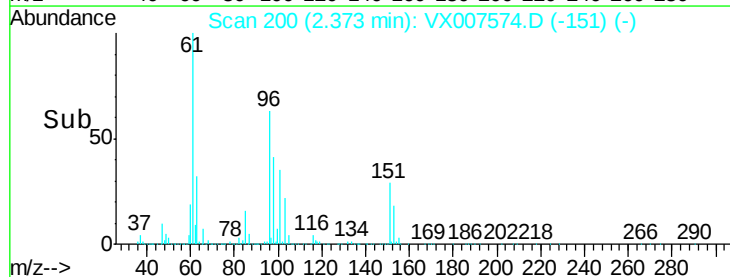
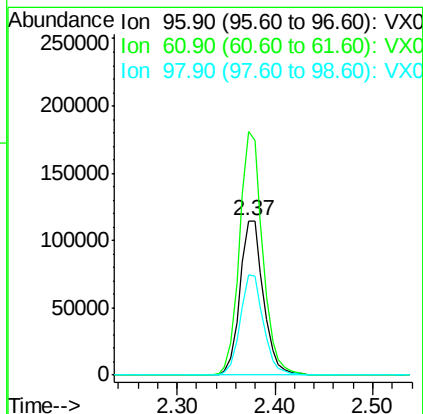
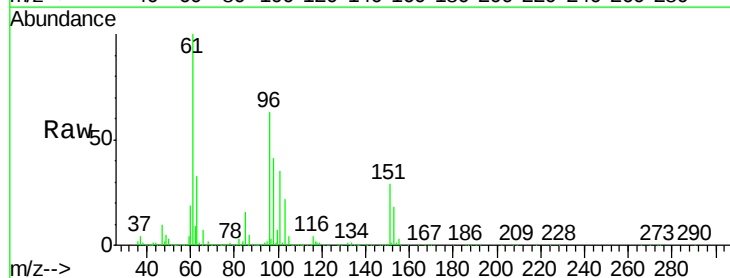
Tot Ion: 59 Resp: 248321
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1

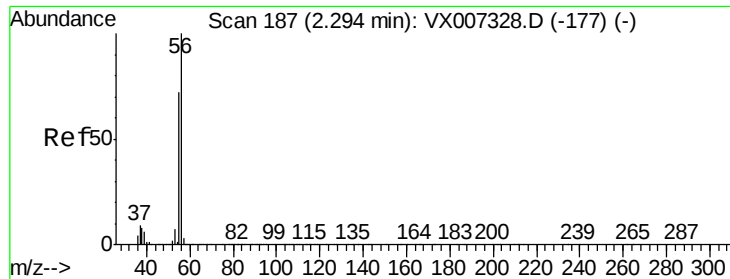


#12

1,1-Dichloroethene
Concen: 43.858 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion: 96 Resp: 191018
Ion Ratio Lower Upper
96 100
61 157.6 123.0 184.4
98 64.5 50.9 76.3





#13

Acrolein

Concen: 246.039 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

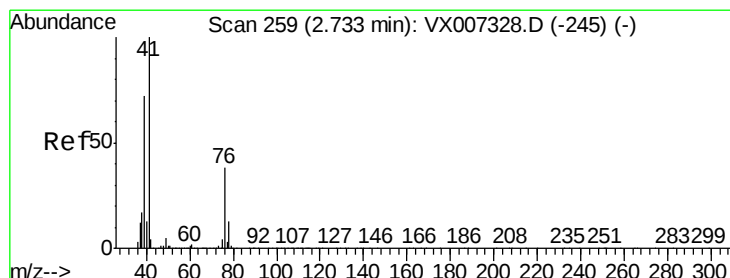
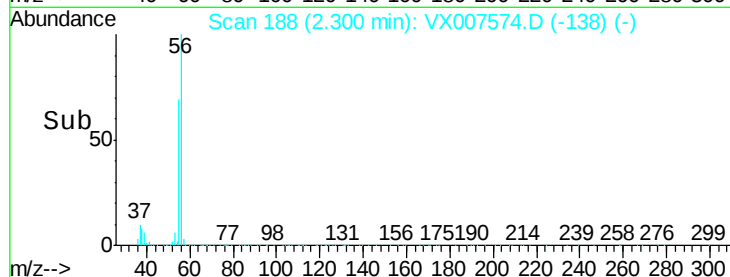
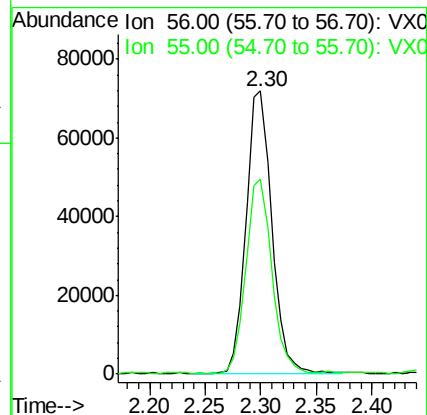
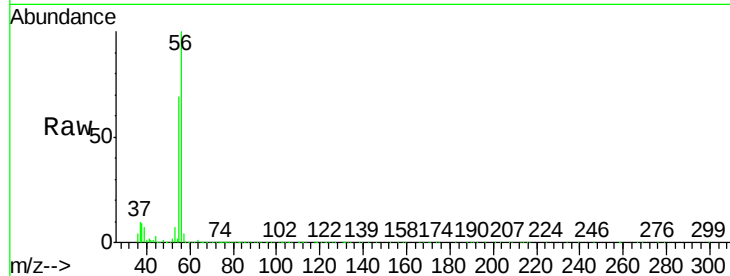
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 115606

Ion Ratio Lower Upper

56 100

55 69.6 56.9 85.3



#14

Allyl chloride

Concen: 47.807 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

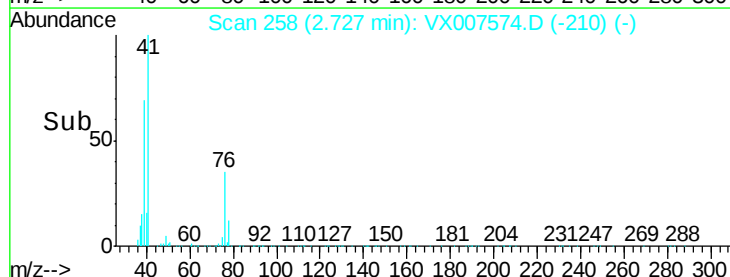
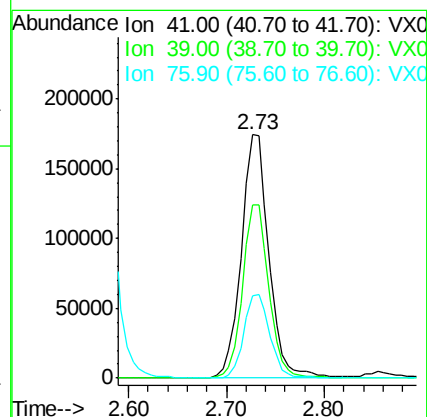
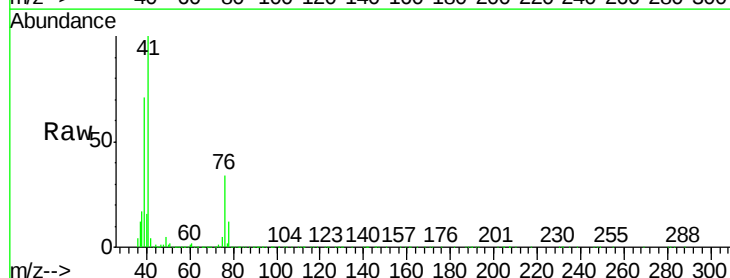
Tgt Ion: 41 Resp: 339270

Ion Ratio Lower Upper

41 100

39 67.8 54.1 81.1

76 32.5 27.8 41.8





#15

Acrylonitrile

Concen: 246.988 ug/l

RT: 3.15 min Scan# 328

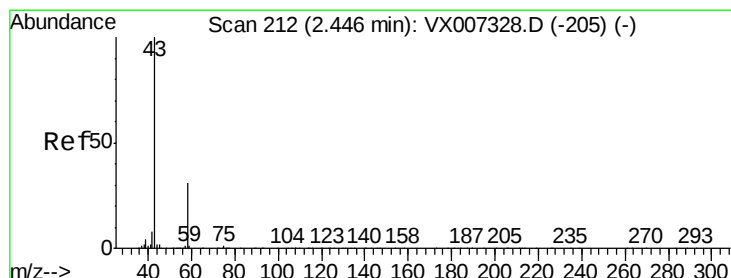
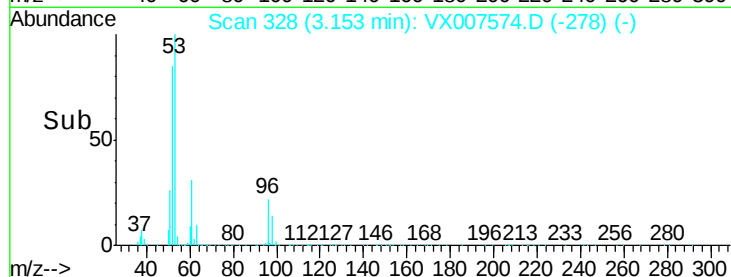
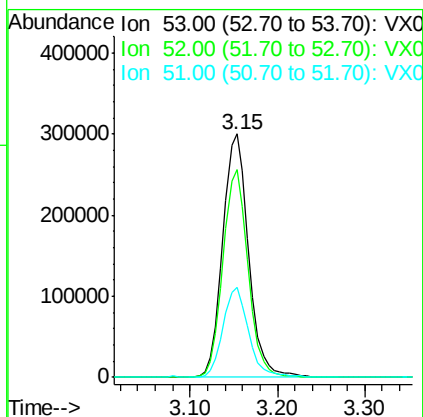
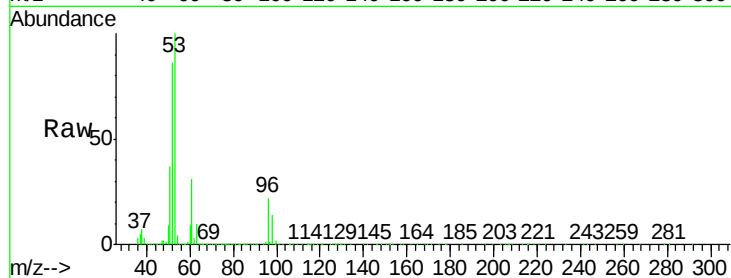
Delta R.T. 0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	53	Resp:	612226
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.4	99.6
51	36.7	28.4	42.6



#16

Acetone

Concen: 262.273 ug/l

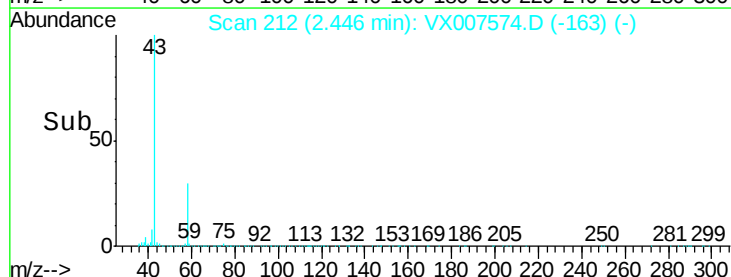
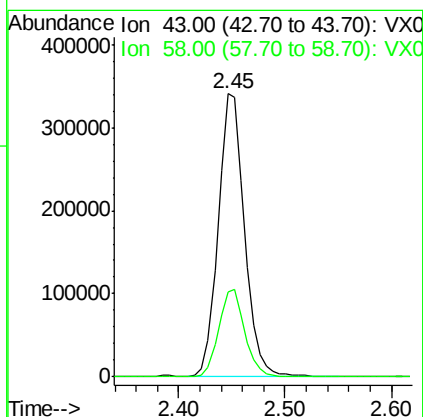
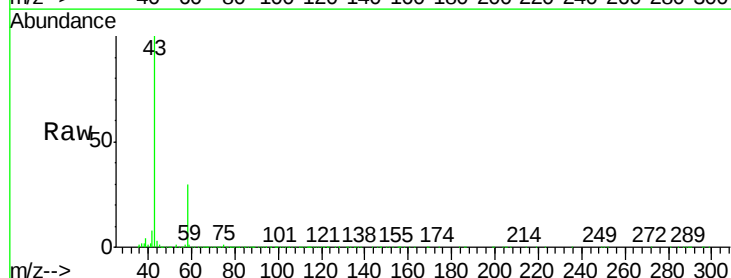
RT: 2.45 min Scan# 212

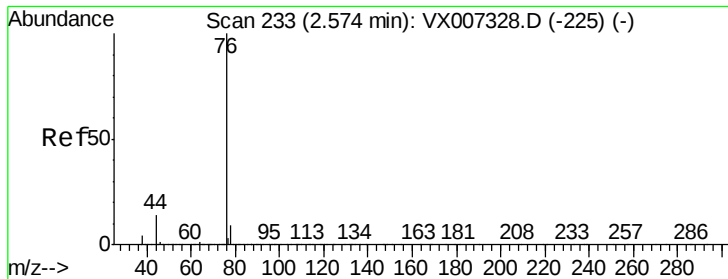
Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Tgt Ion:	43	Resp:	581693
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.9	37.3





#17

Carbon Disulfide

Concen: 39.810 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

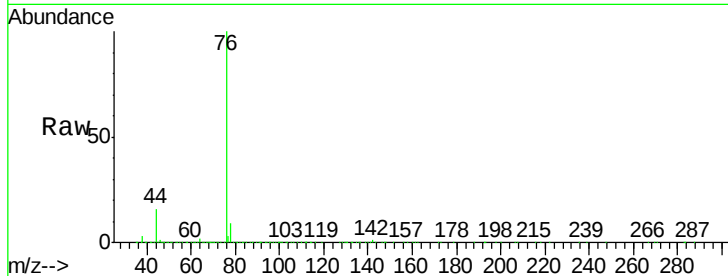
ClientSampleId :

Tot Ion: 76 Resp: 448252

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

250000

200000

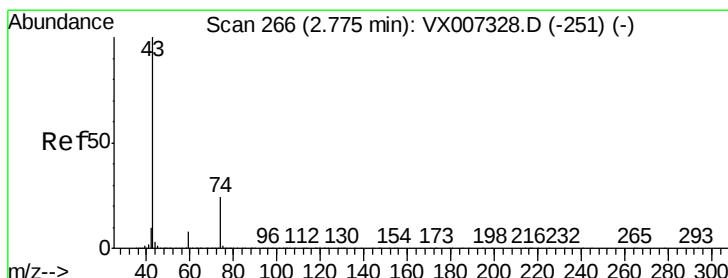
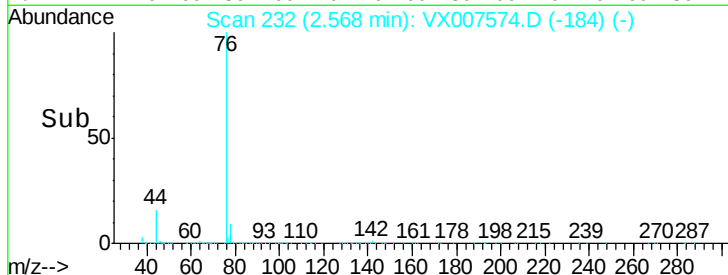
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 59.059 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007574.D

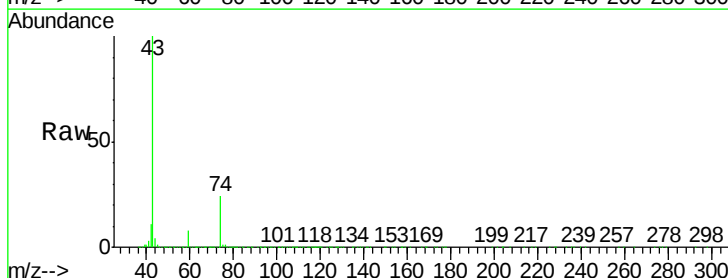
Acq: 15 Feb 2019 17:58

Tgt Ion: 43 Resp: 341915

Ion Ratio Lower Upper

43 100

74 23.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

200000

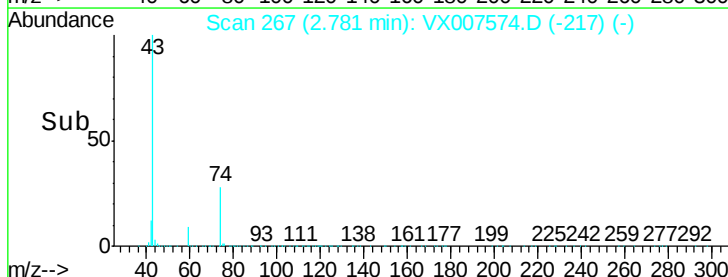
150000

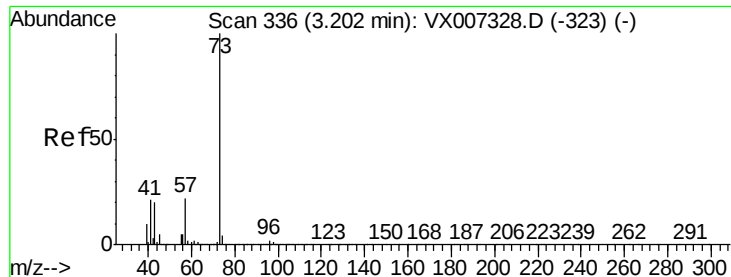
100000

50000

0

Time-->

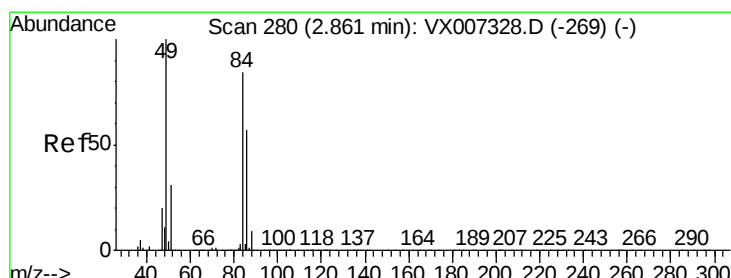
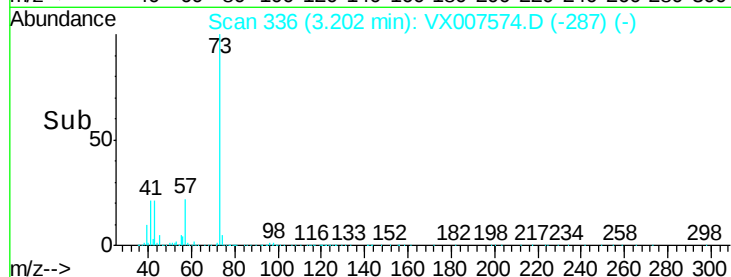
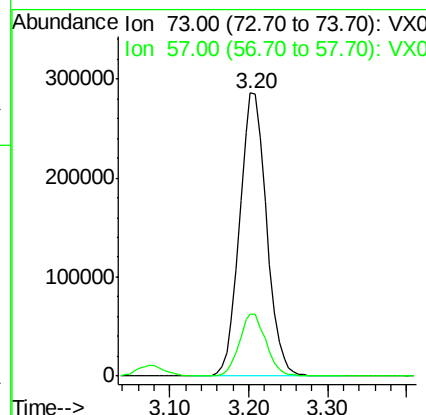
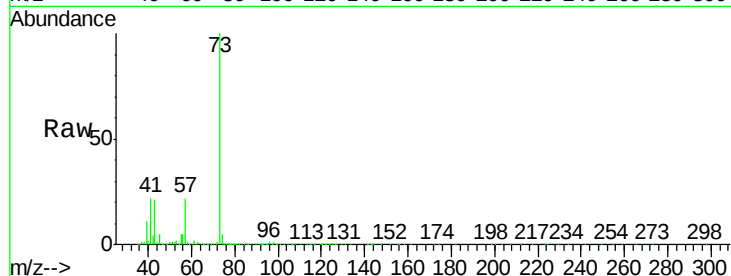




#19
Methvl tert-butvl Ether
Concen: 48.084 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

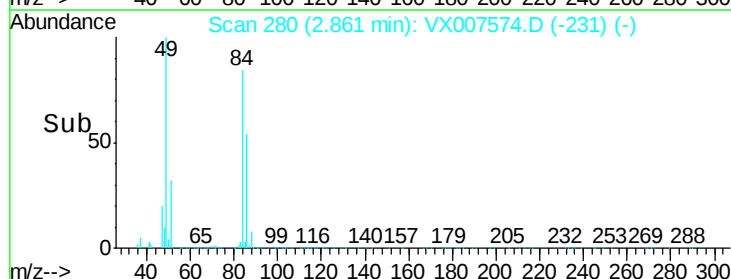
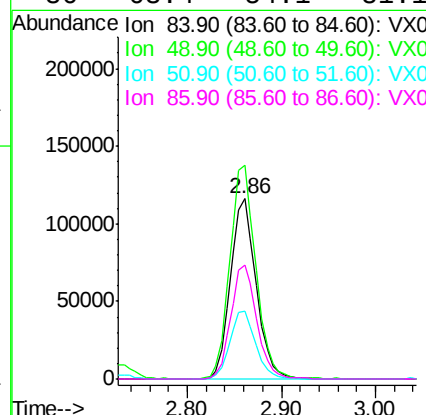
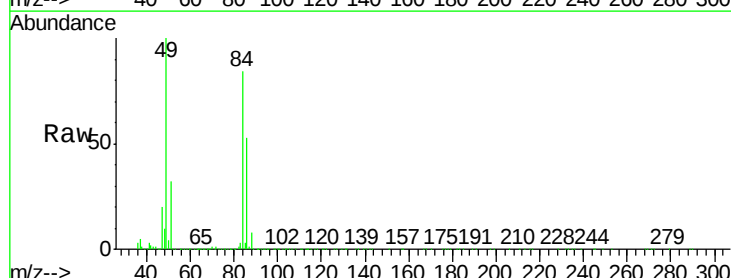
Instrument :
MSVOA_W
ClientSampleId :

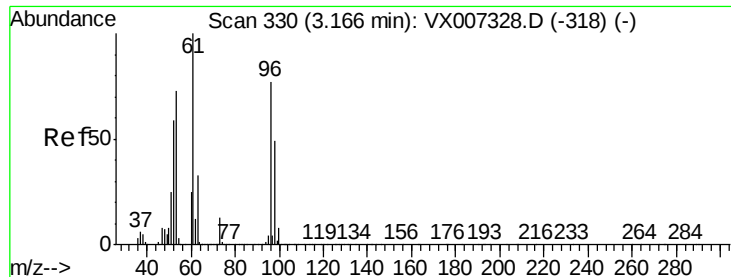
Tot Ion: 73 Resp: 678483
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8



#20
Methylene Chloride
Concen: 48.433 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion: 84 Resp: 219468
Ion Ratio Lower Upper
84 100
49 118.4 94.8 142.2
51 37.6 29.8 44.8
86 63.4 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 43.395 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_W
ClientSampleId :

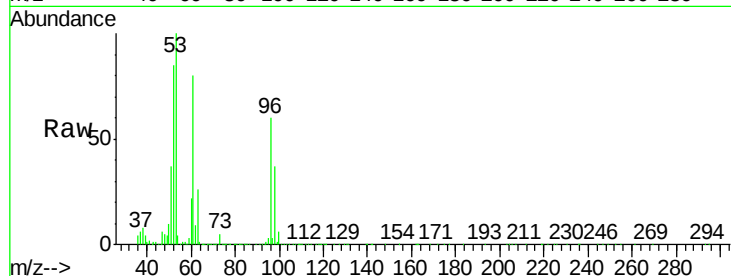
Tot Ion: 96 Resp: 201338

Ion Ratio Lower Upper

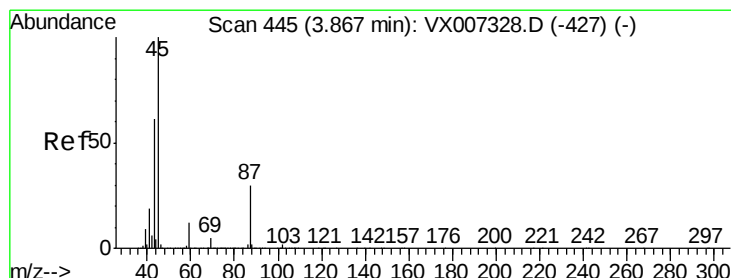
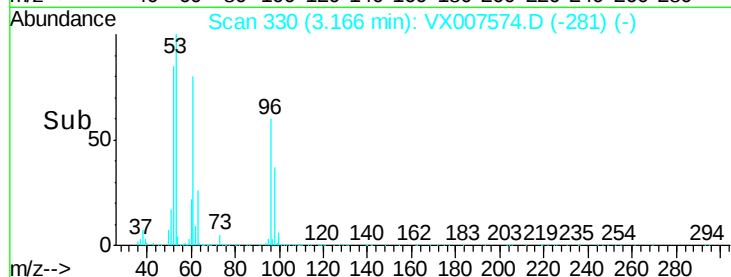
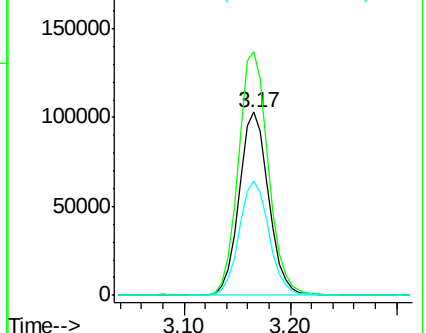
96 100

61 132.8 104.6 156.8

98 62.2 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.411 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Tgt Ion: 45 Resp: 644997

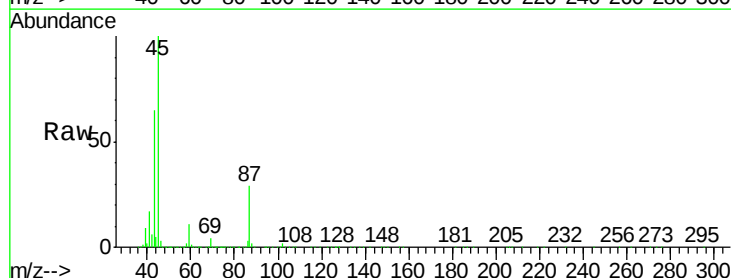
Ion Ratio Lower Upper

45 100

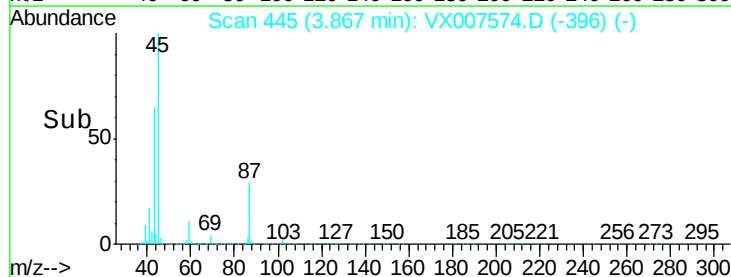
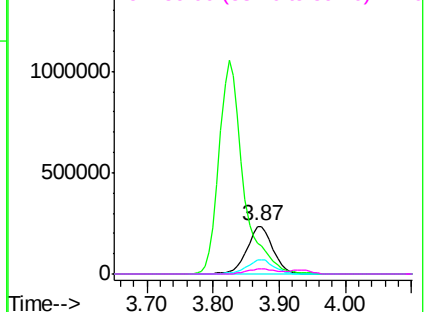
43 65.0 48.9 73.3

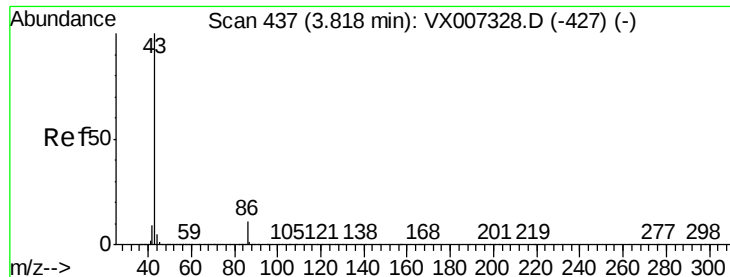
87 28.9 23.9 35.9

59 11.3 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 248.728 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

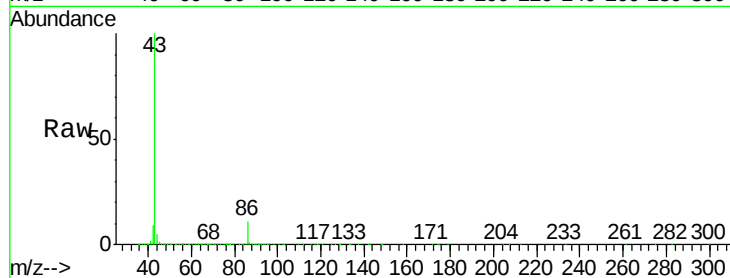
ClientSampleId :

Tot Ion: 43 Resp: 2694300

Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1200000

1000000

800000

600000

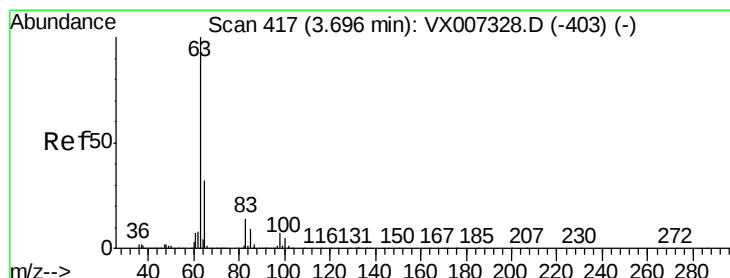
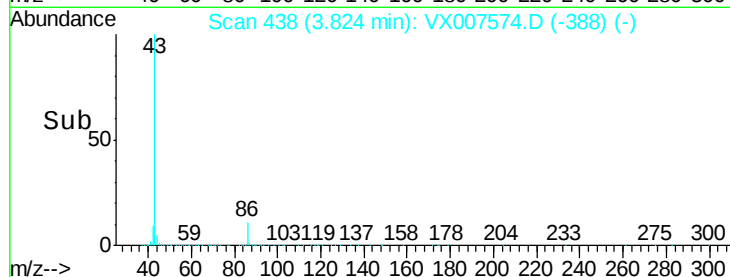
400000

200000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 47.354 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

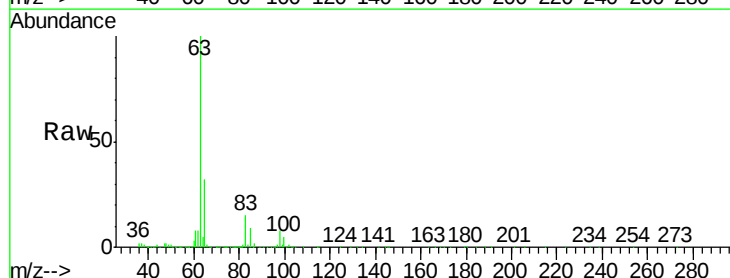
Tgt Ion: 63 Resp: 354987

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.5 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

200000

150000

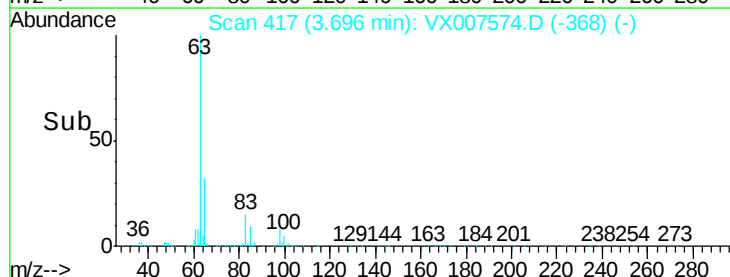
100000

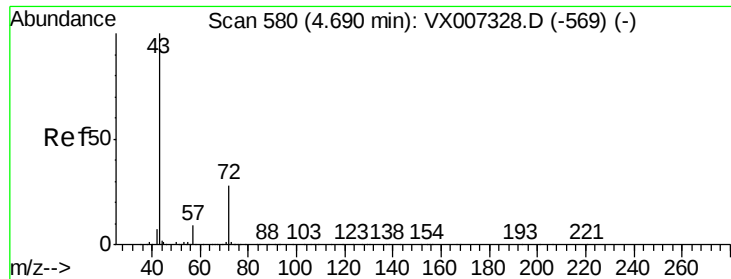
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 259.194 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

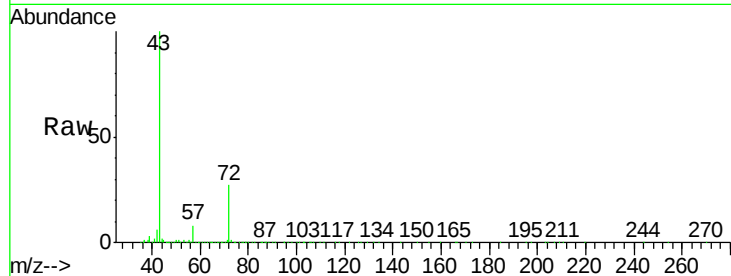
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 818100

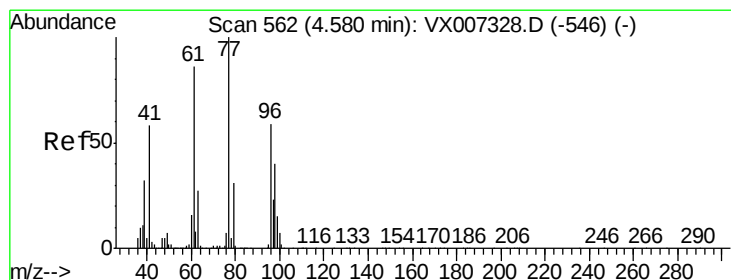
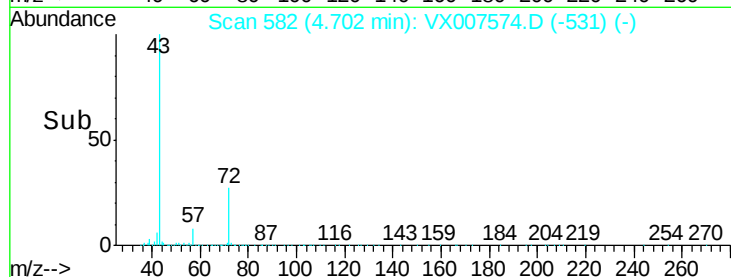
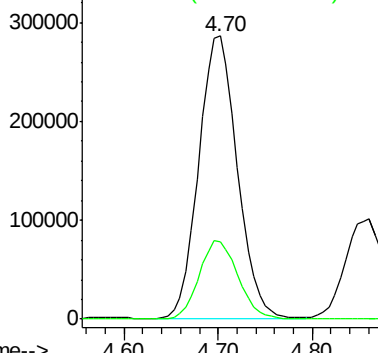
Ion Ratio Lower Upper

43 100

72 27.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.825 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007574.D

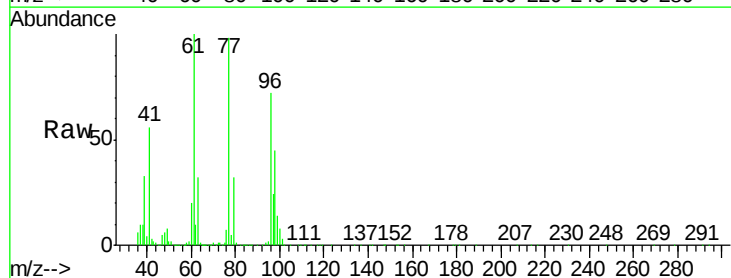
Acq: 15 Feb 2019 17:58

Tgt Ion: 77 Resp: 273033

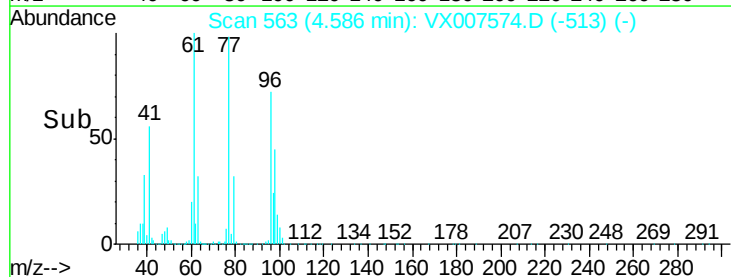
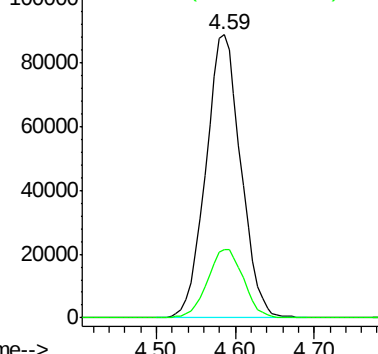
Ion Ratio Lower Upper

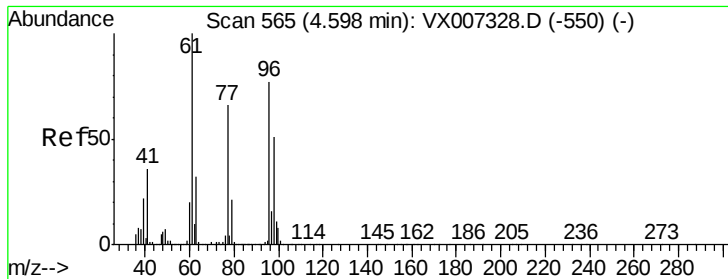
77 100

97 25.1 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



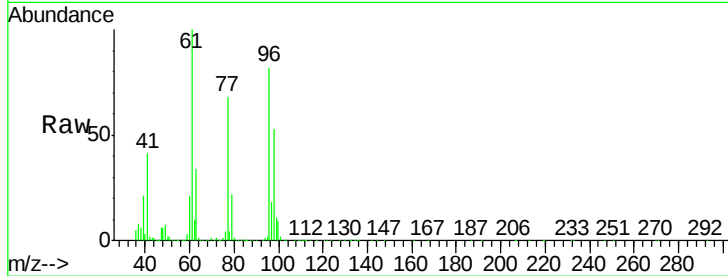


#27

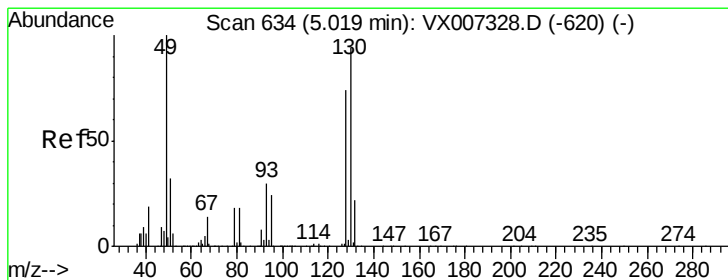
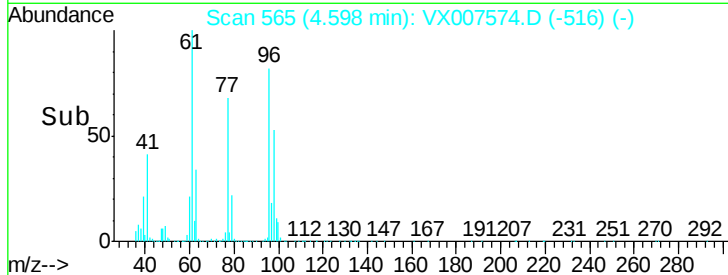
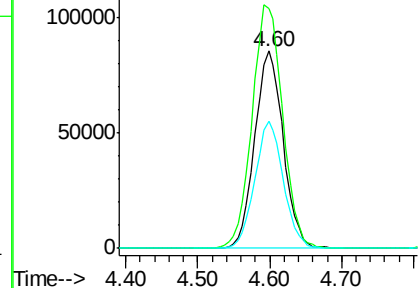
cis-1,2-Dichloroethene
 Concen: 46.165 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.9	0.0	265.6
98	64.7	0.0	131.6



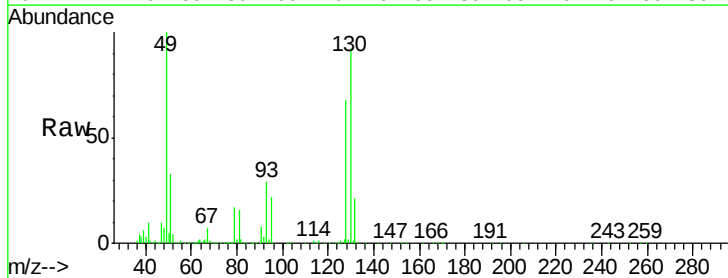
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



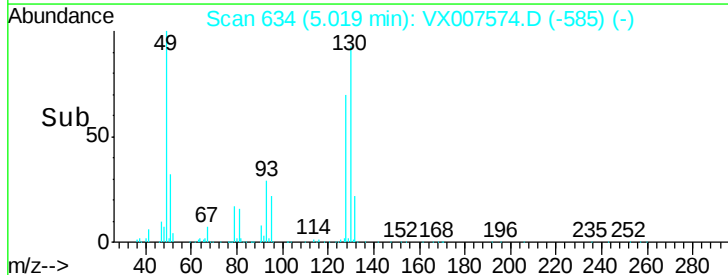
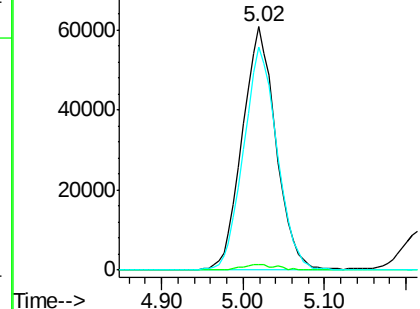
#28

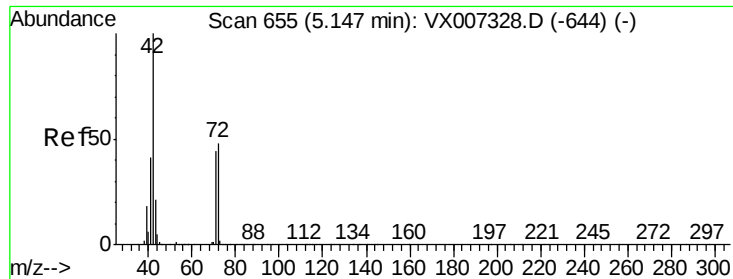
Bromochloromethane
 Concen: 50.172 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.6
130	91.9	75.6	113.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

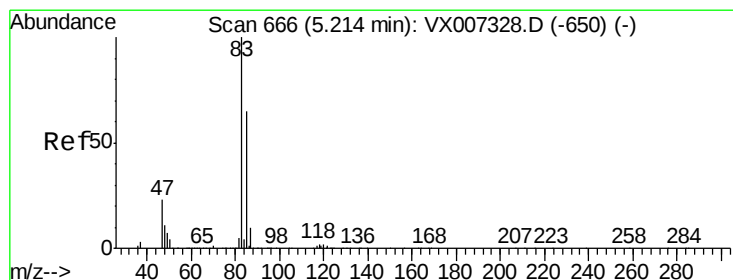
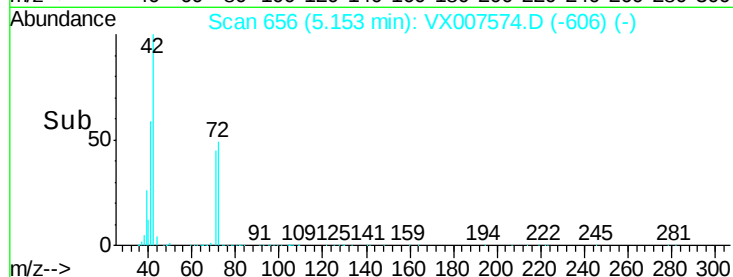
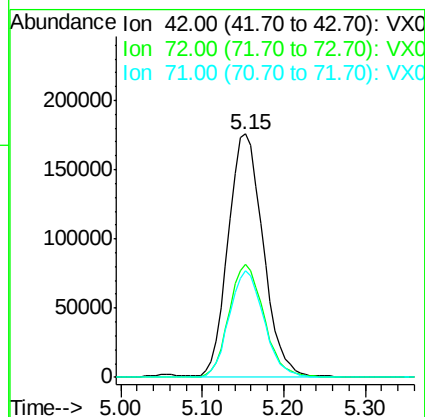
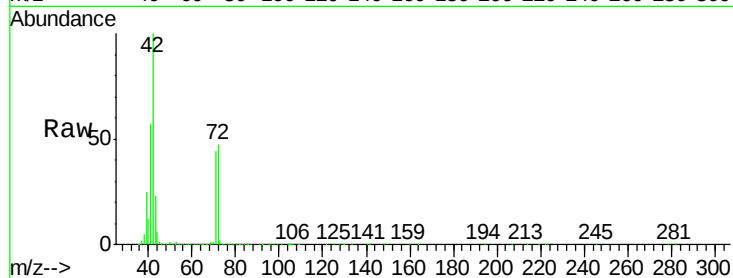




#29
Tetrahydrofuran
Concen: 262.426 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

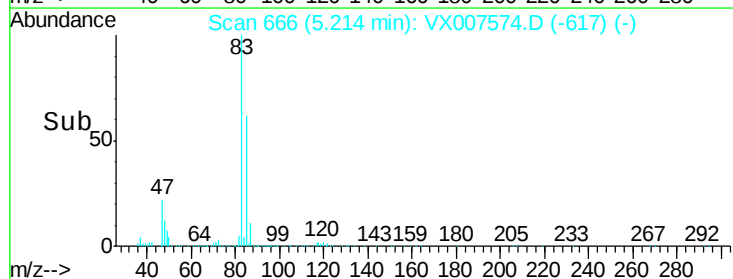
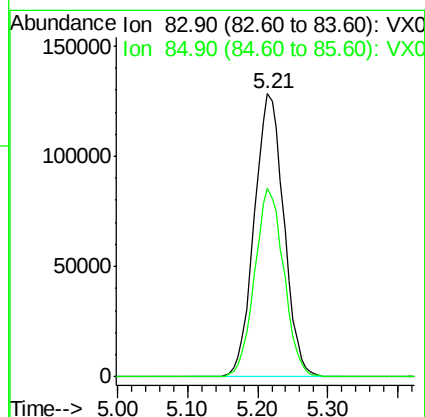
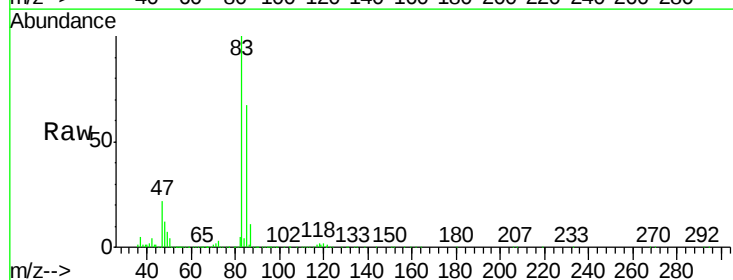
Instrument :
MSVOA_W
ClientSampleId :

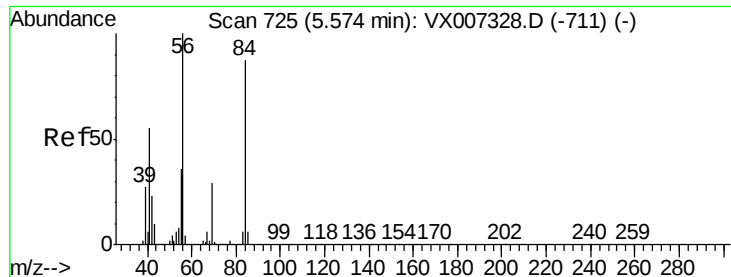
Tot Ion: 42 Resp: 520946
Ion Ratio Lower Upper
42 100
72 46.8 37.6 56.4
71 43.4 34.6 51.8



#30
Chloroform
Concen: 48.049 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion: 83 Resp: 375858
Ion Ratio Lower Upper
83 100
85 66.7 51.6 77.4

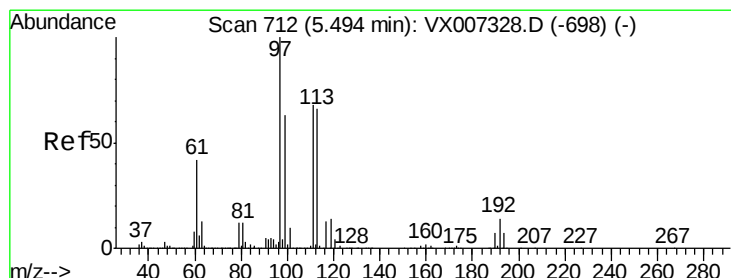
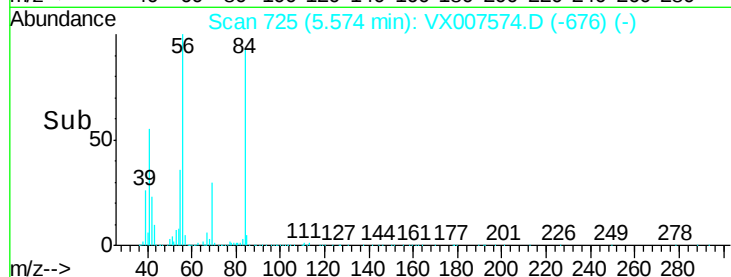
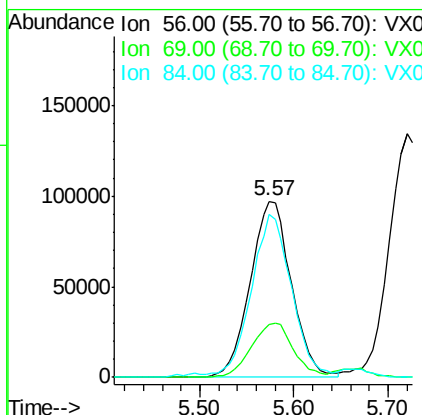
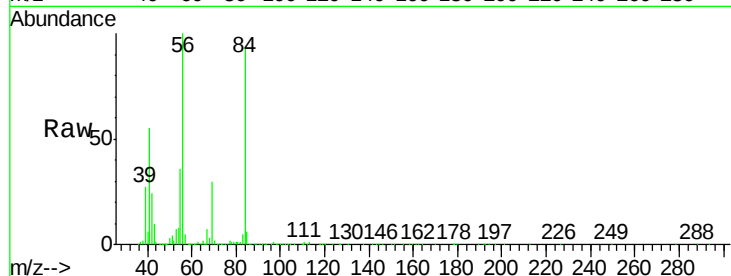




#31
Cyclohexane
Concen: 44.011 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

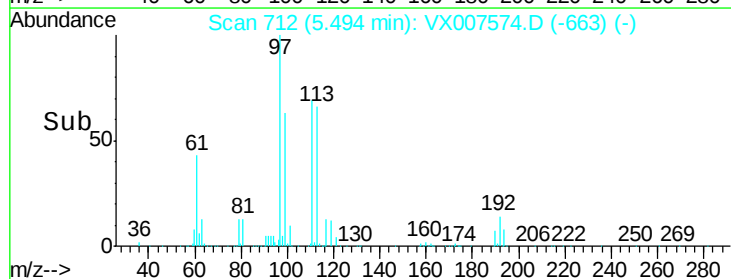
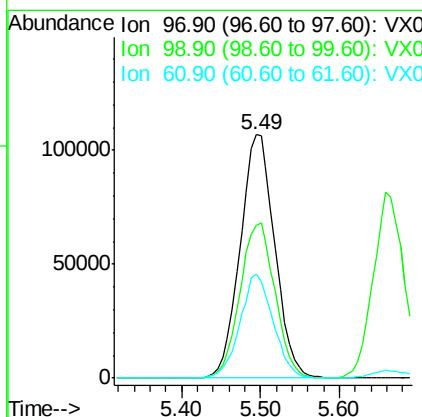
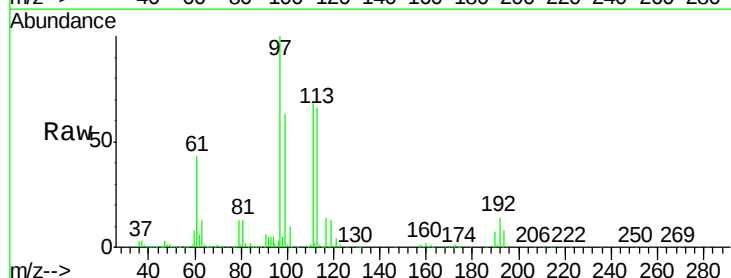
Instrument :
MSVOA_W
ClientSampleId :

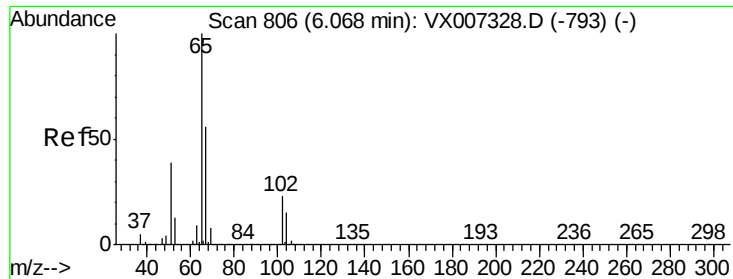
Tot Ion: 56 Resp: 296318
Ion Ratio Lower Upper
56 100
69 29.7 23.0 34.6
84 91.0 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 49.369 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion: 97 Resp: 325981
Ion Ratio Lower Upper
97 100
99 64.5 52.2 78.2
61 40.9 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 49.708 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

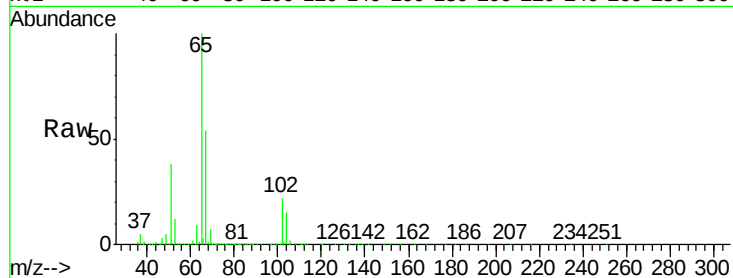
ClientSampled :

Tot Ion: 65 Resp: 240677

Ion Ratio Lower Upper

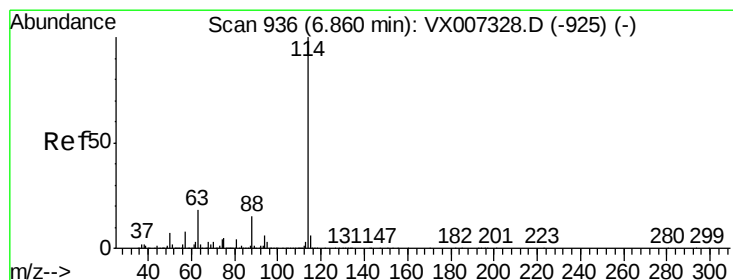
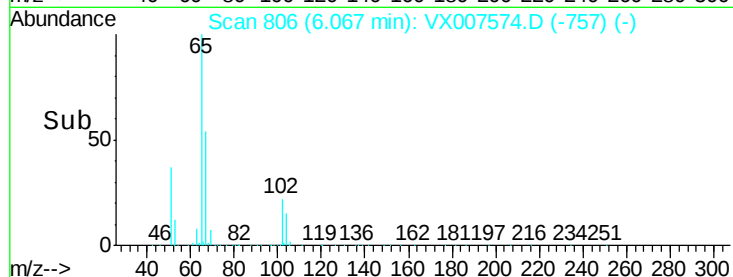
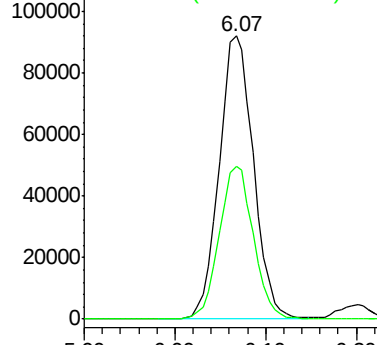
65 100

67 53.6 0.0 108.8



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: VX007574.D

Acq: 15 Feb 2019 17:58

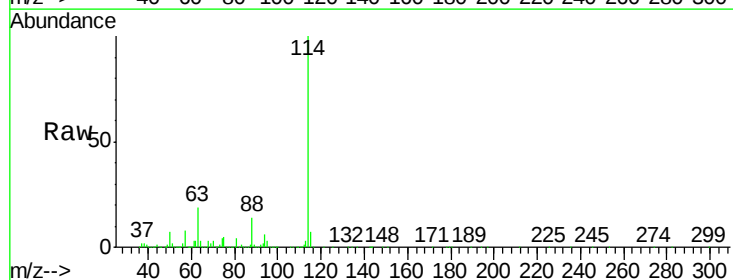
Tgt Ion: 114 Resp: 679135

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

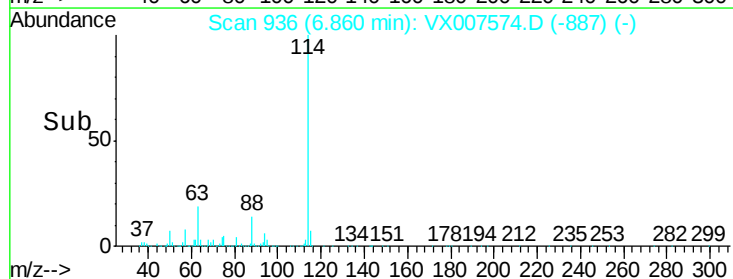
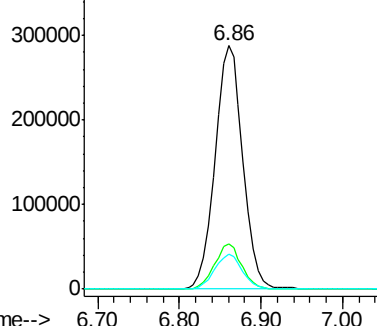
88 14.3 0.0 29.6

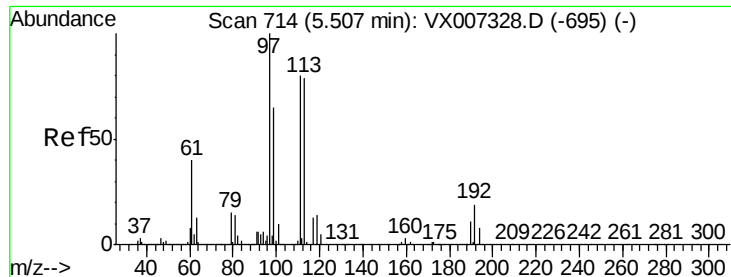


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

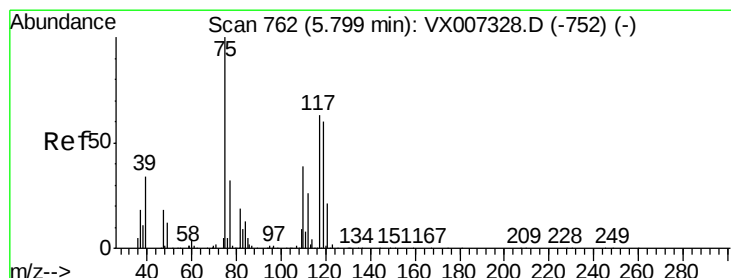
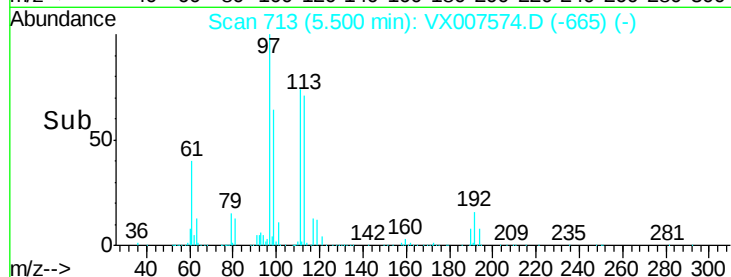
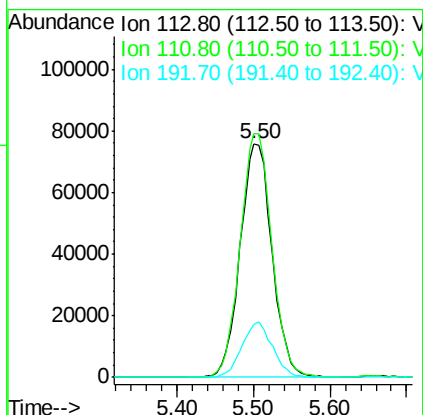
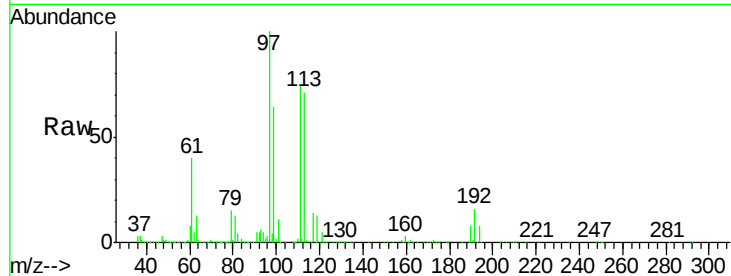




#35
Dibromofluoromethane
Concen: 49.602 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

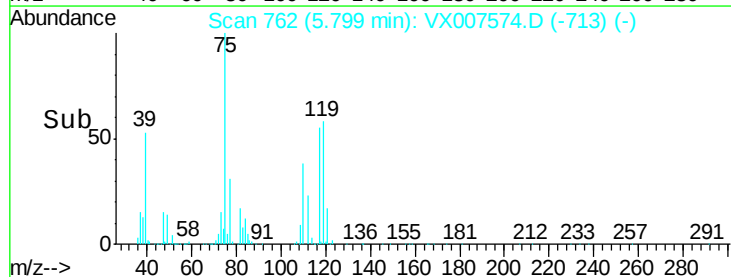
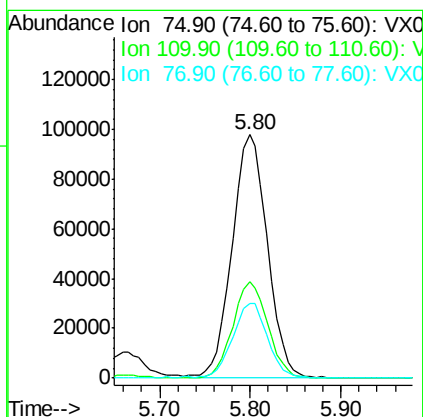
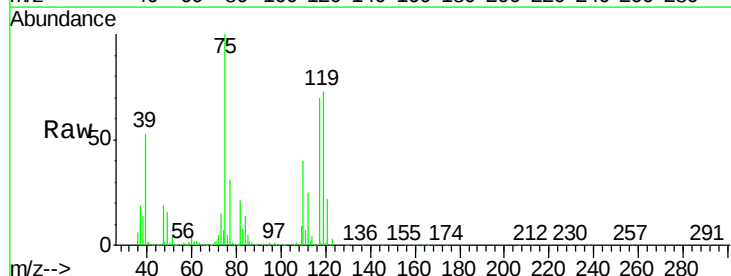
Instrument :
MSVOA_W
ClientSampled :

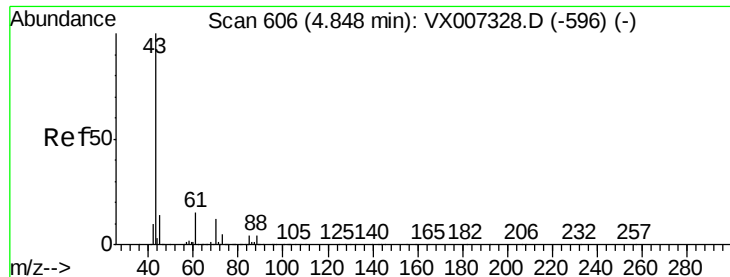
Tot Ion:113 Resp: 219184
Ion Ratio Lower Upper
113 100
111 104.0 81.8 122.8
192 22.6 18.5 27.7



#36
1,1-Dichloropropene
Concen: 43.063 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion: 75 Resp: 262401
Ion Ratio Lower Upper
75 100
110 39.3 20.0 59.9
77 30.3 24.7 37.1

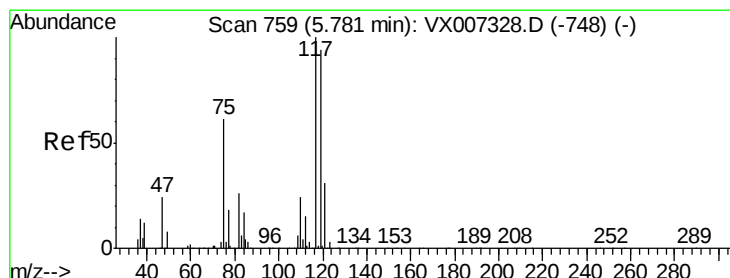
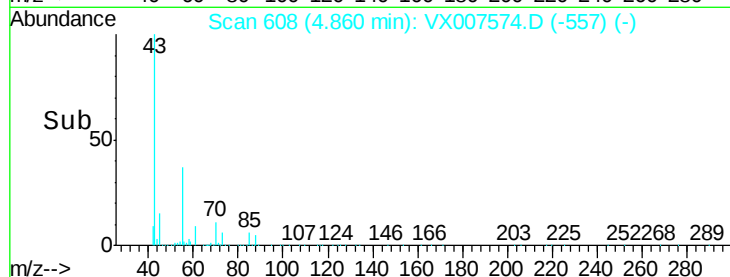
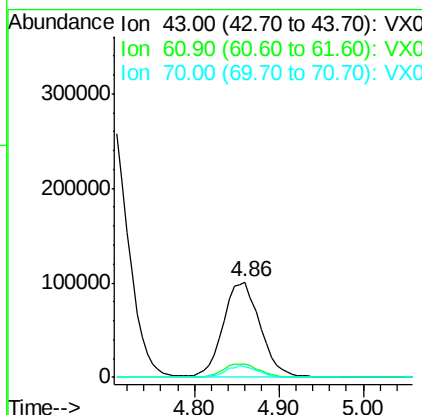
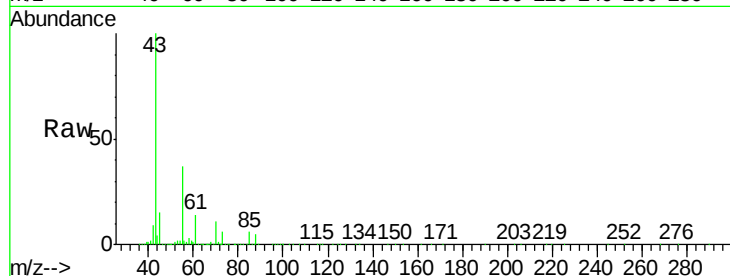




#37
Ethyl Acetate
Concen: 48.584 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

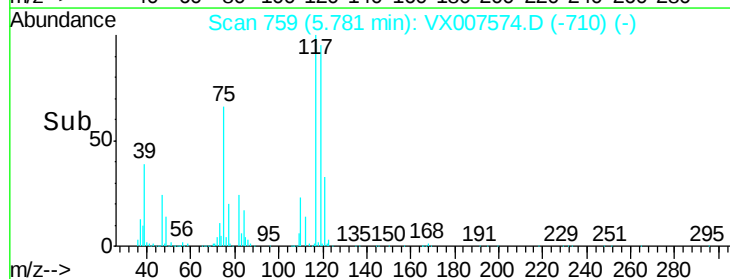
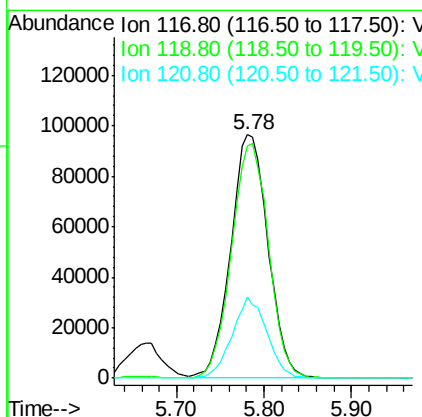
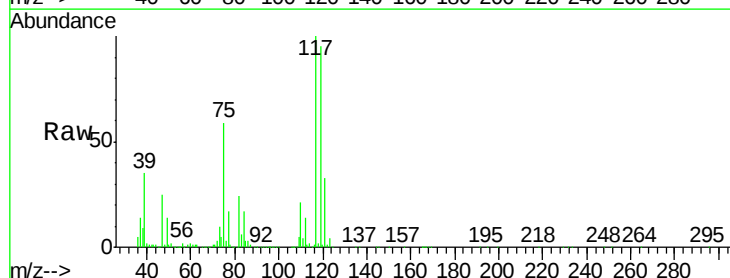
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 299263
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 10.9 8.6 13.0



#38
Carbon Tetrachloride
Concen: 48.100 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion: 117 Resp: 284349
Ion Ratio Lower Upper
117 100
119 95.3 75.3 112.9
121 33.1 25.0 37.4

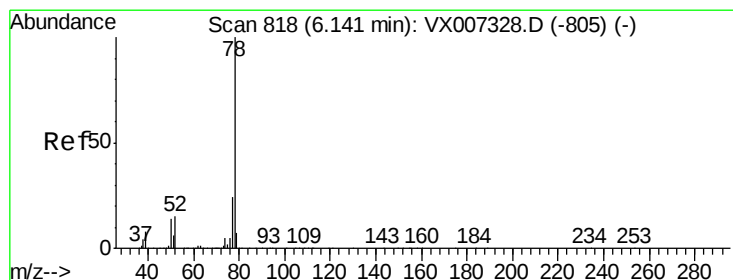
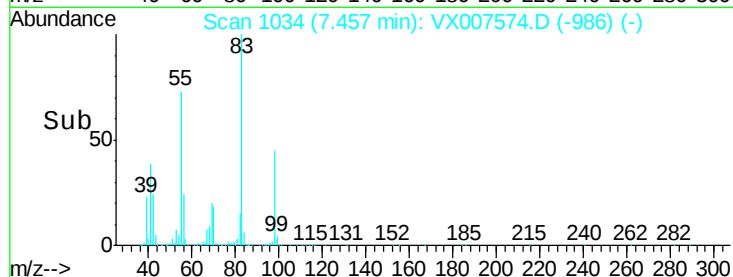
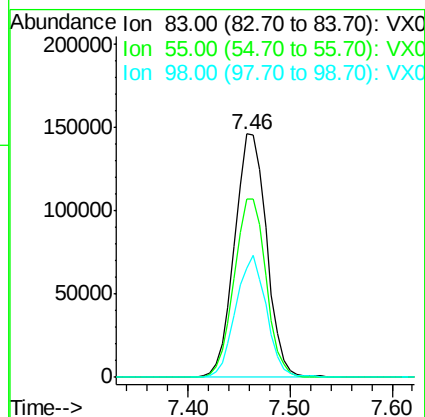
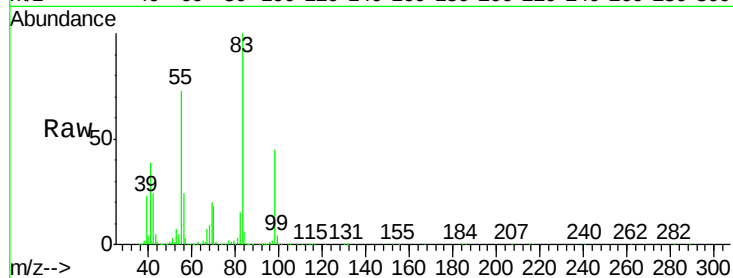




#39
Methvlcvclohexane
Concen: 43.192 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

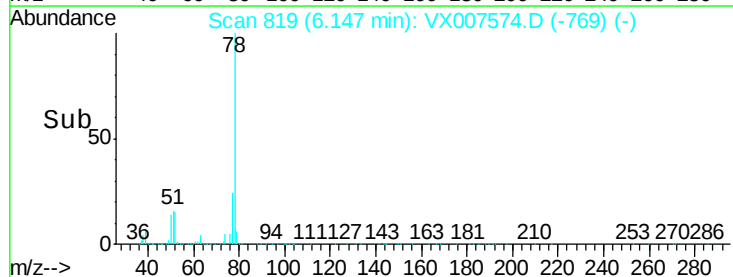
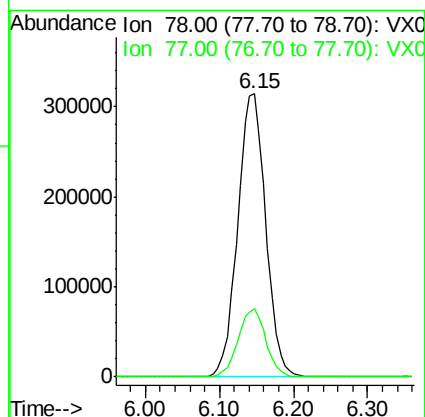
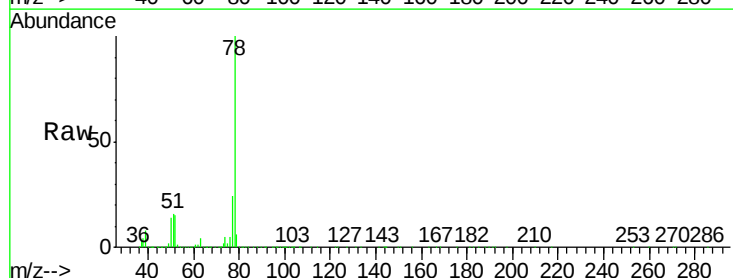
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 318434
Ion Ratio Lower Upper
83 100
55 73.0 56.2 84.2
98 44.6 36.8 55.2



#40
Benzene
Concen: 46.155 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion: 78 Resp: 828453
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9

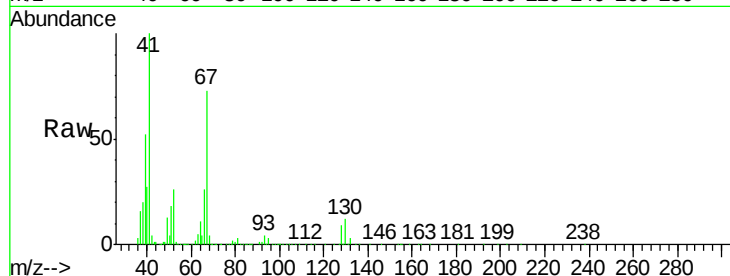




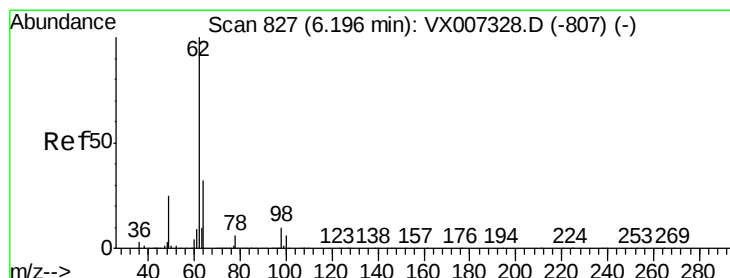
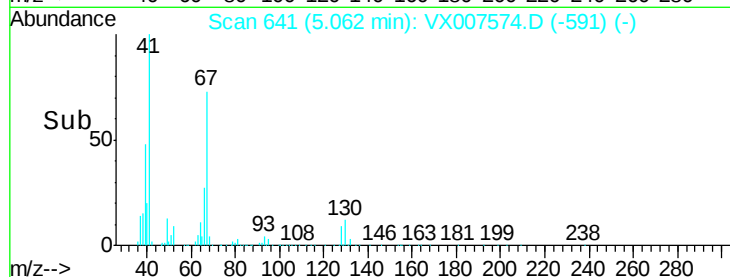
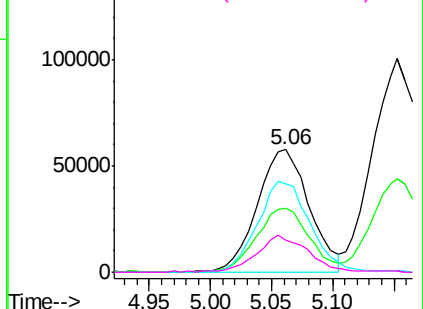
#41
Methacrylonitrile
Concen: 51.593 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	170326
Ion	Ratio	Lower	Upper
41	100		
39	52.5	44.5	66.7
67	74.6	60.4	90.6
52	28.9	24.1	36.1

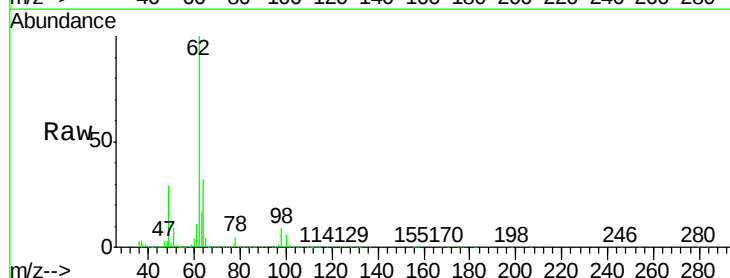


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

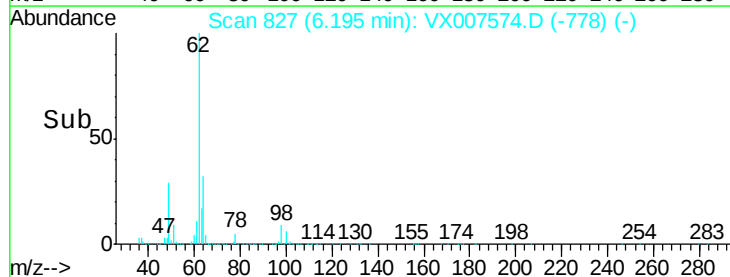
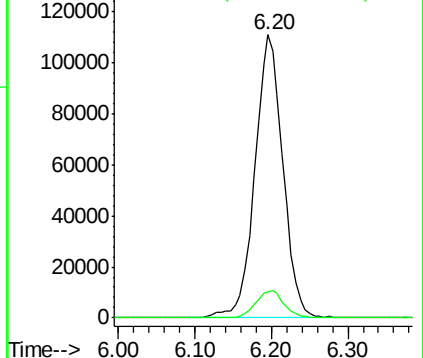


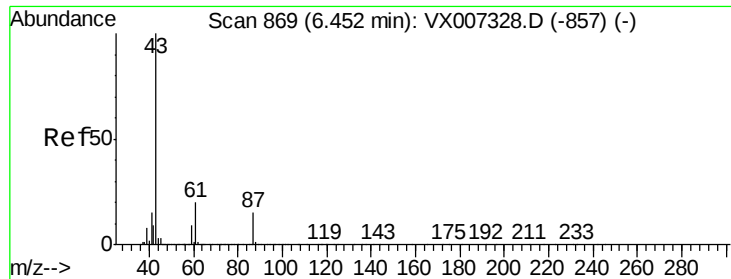
#42
1,2-Dichloroethane
Concen: 45.457 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion:	62	Resp:	282306
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



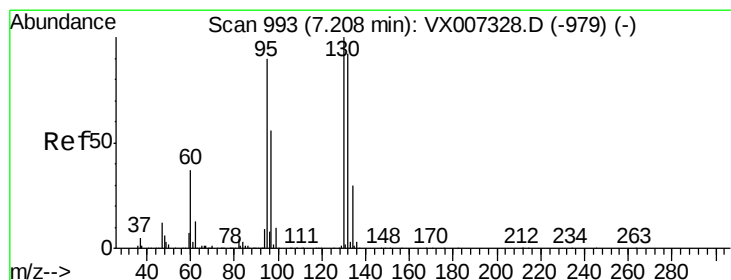
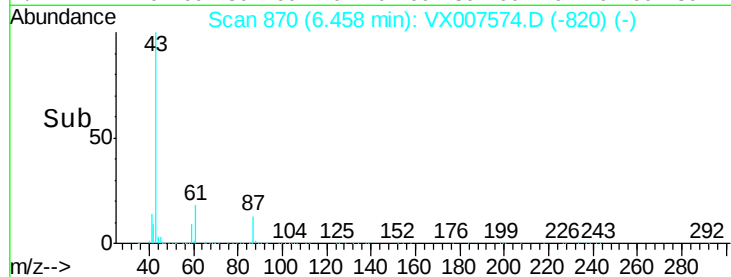
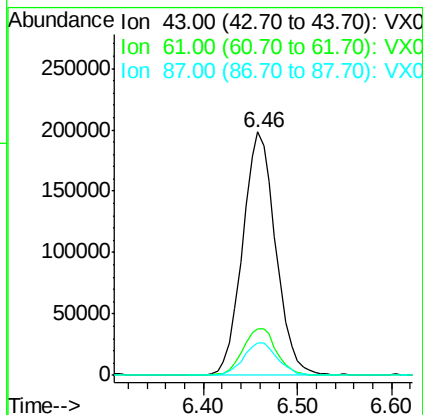
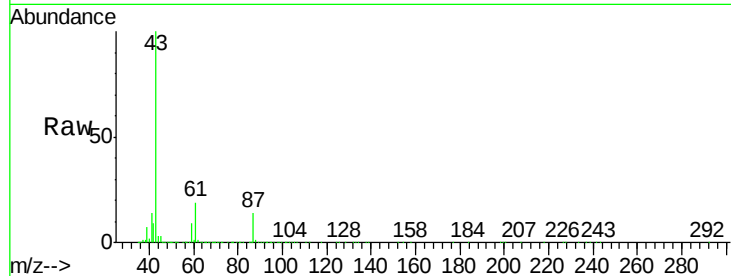


#43

Isopropyl Acetate
 Concen: 50.926 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Instrument :
 MSVOA_W
 ClientSampled :

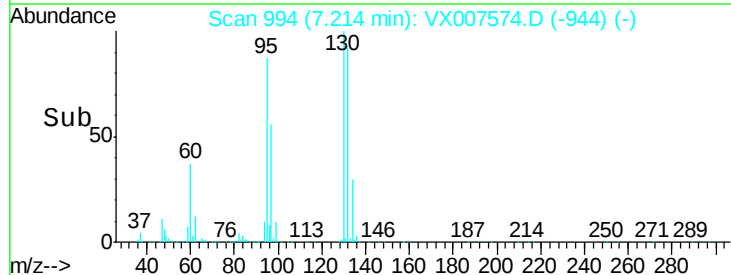
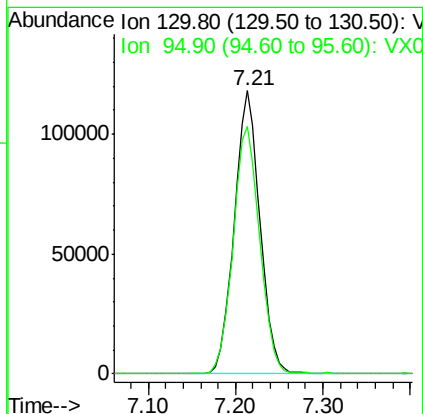
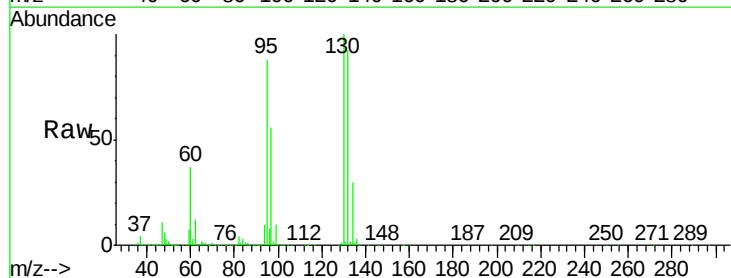
Tot Ion	43	Resp	484184
Ion Ratio	Lower	Upper	
43	100		
61	20.0	16.1	24.1
87	14.1	11.5	17.3

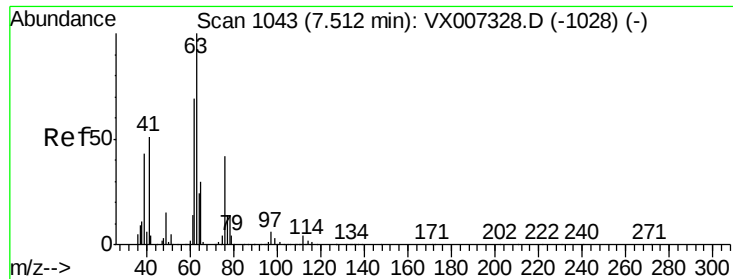


#44

Trichloroethene
 Concen: 44.625 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Tgt Ion	130	Resp	241243
Ion Ratio	Lower	Upper	
130	100		
95	87.6	0.0	180.0

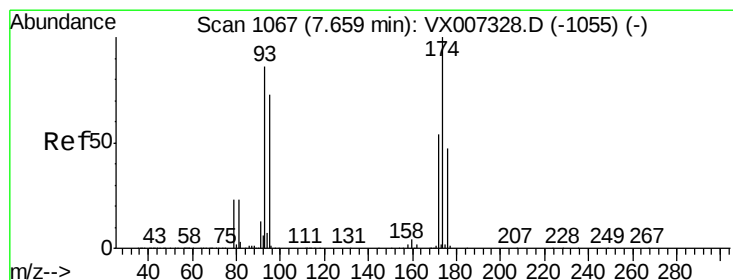
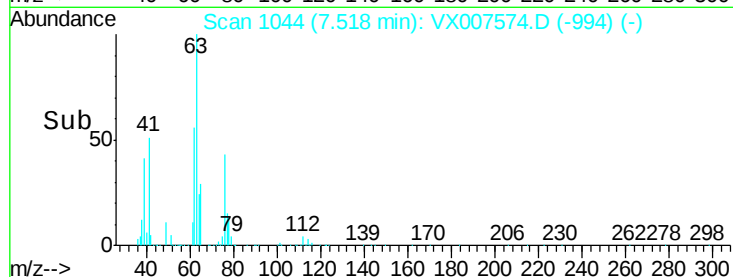
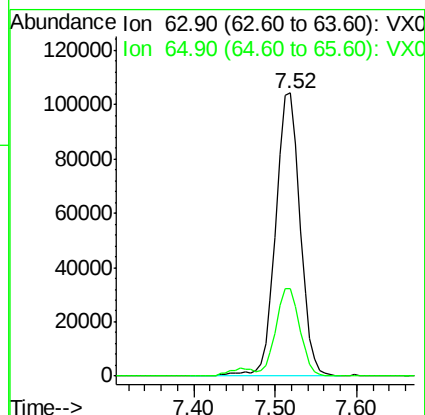
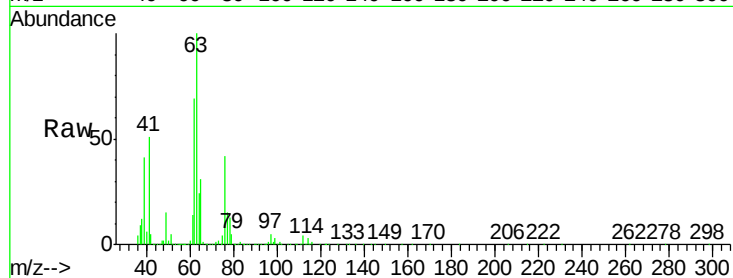




#45
 1,2-Dichloropropane
 Concen: 47.902 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

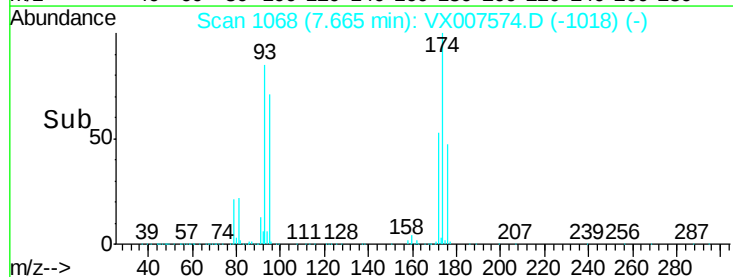
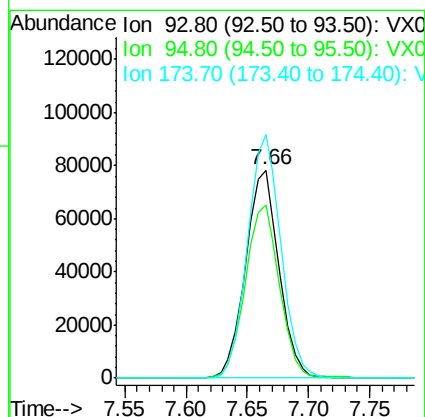
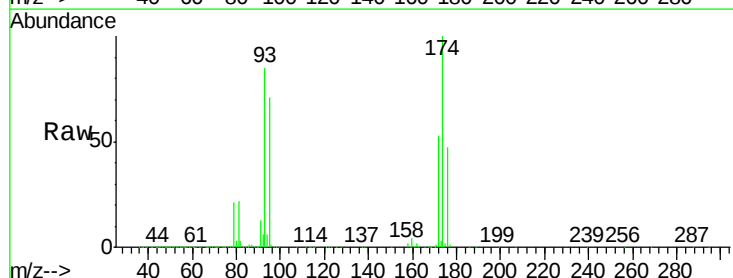
Instrument :
 MSVOA_W
 ClientSampleId :

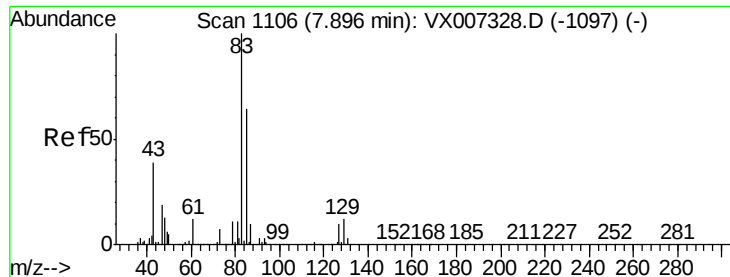
Tot Ion: 63 Resp: 215429
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.2 36.2



#46
 Dibromomethane
 Concen: 45.475 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Tgt Ion: 93 Resp: 148642
 Ion Ratio Lower Upper
 93 100
 95 84.3 67.6 101.4
 174 117.5 94.2 141.4





#47

Bromodichloromethane

Concen: 50.073 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

ClientSampled :

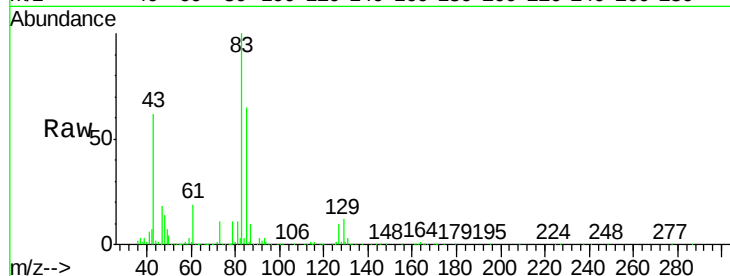
Tot Ion: 83 Resp: 277388

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

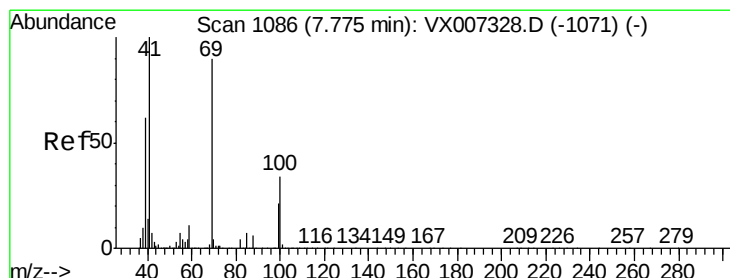
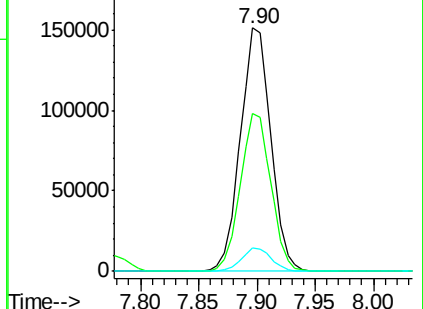
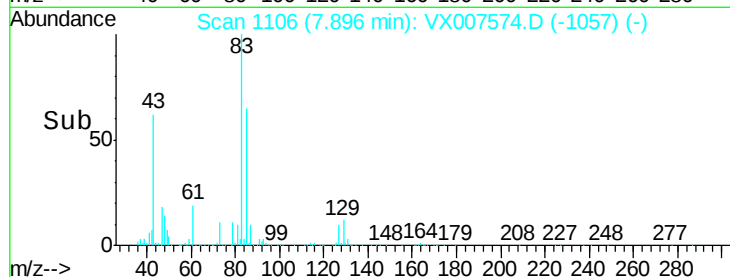
127 9.5 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.364 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

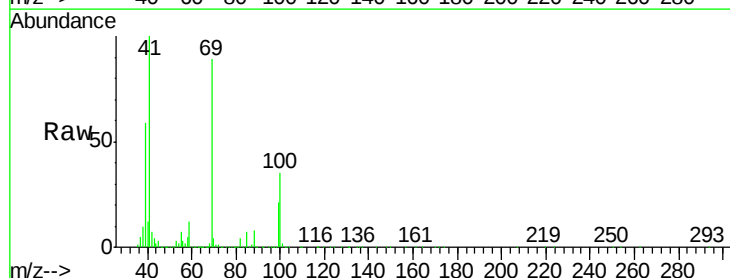
Tgt Ion: 41 Resp: 249027

Ion Ratio Lower Upper

41 100

69 87.5 70.2 105.4

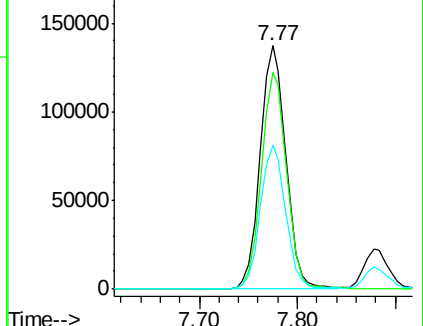
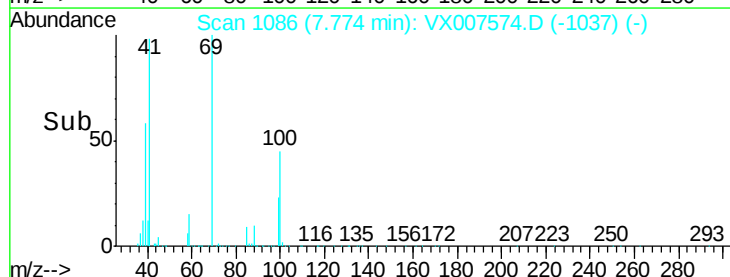
39 58.5 47.4 71.0

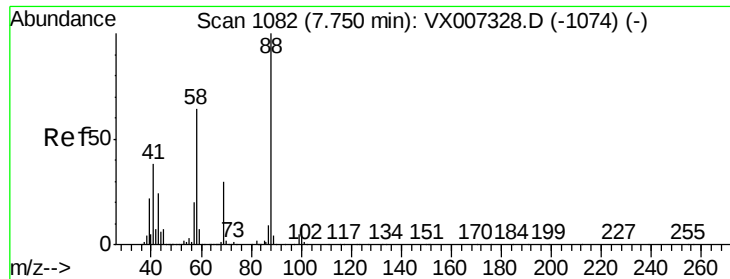


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 966.097 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_W
ClientSampled :

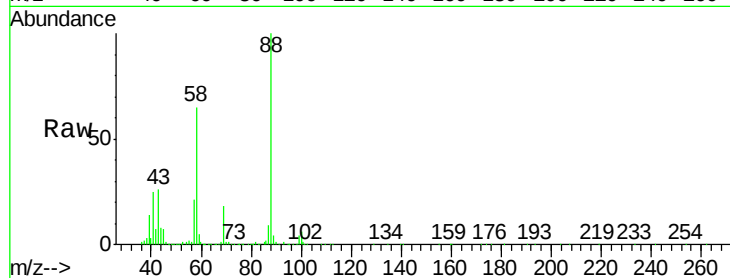
Tot Ion: 88 Resp: 104461

Ion Ratio Lower Upper

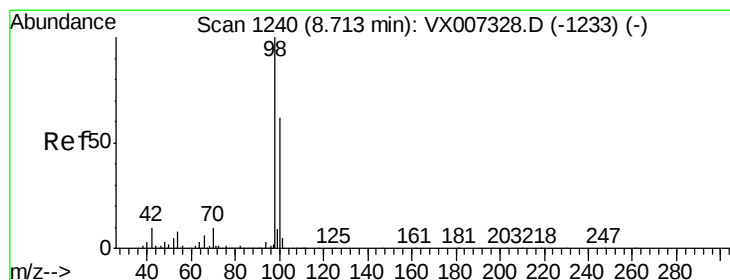
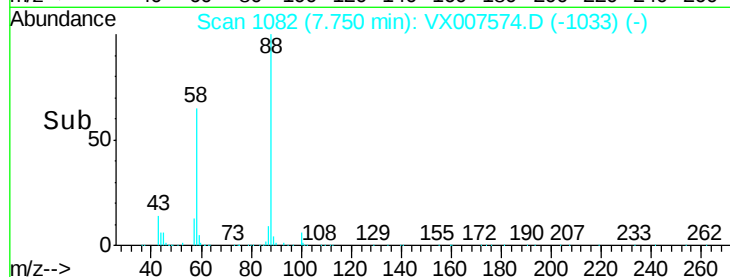
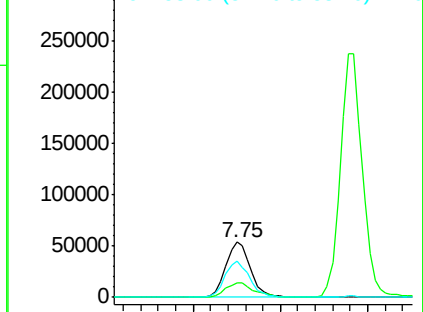
88 100

43 31.3 24.2 36.4

58 66.0 53.0 79.4



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.456 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007574.D

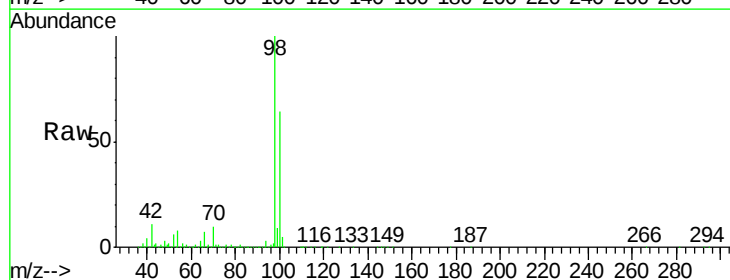
Acq: 15 Feb 2019 17:58

Tgt Ion: 98 Resp: 794431

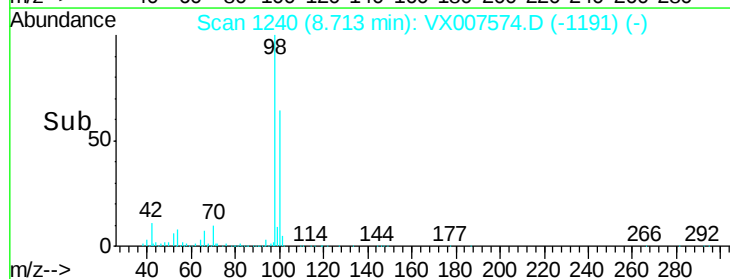
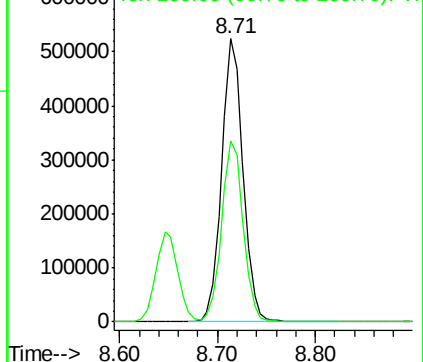
Ion Ratio Lower Upper

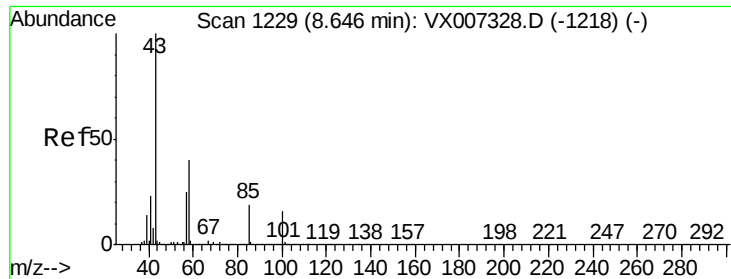
98 100

100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 255.350 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

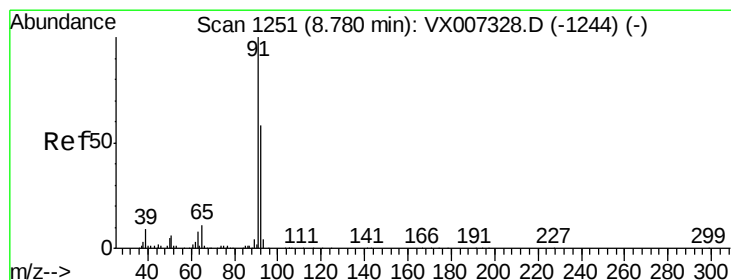
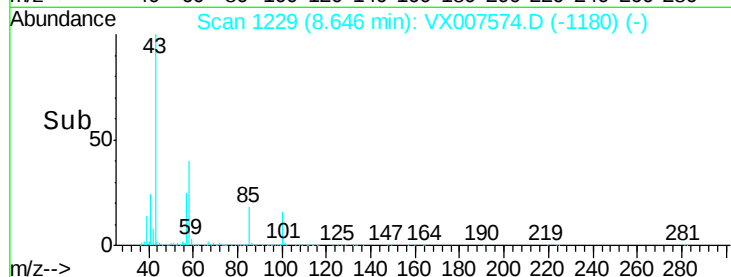
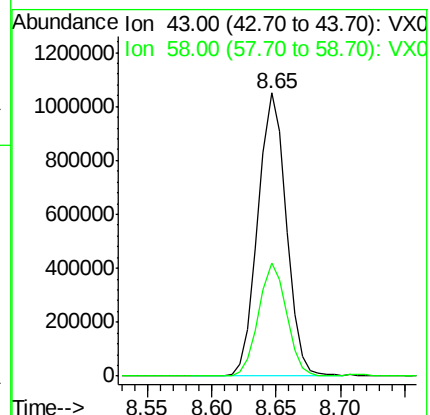
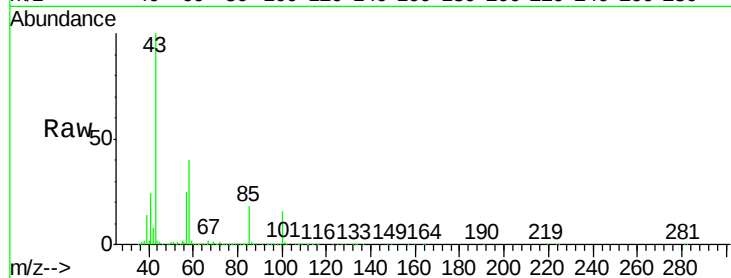
ClientSampled :

Tot Ion: 43 Resp: 1598214

Ion Ratio Lower Upper

43 100

58 39.3 31.2 46.8



#52

Toluene

Concen: 46.098 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007574.D

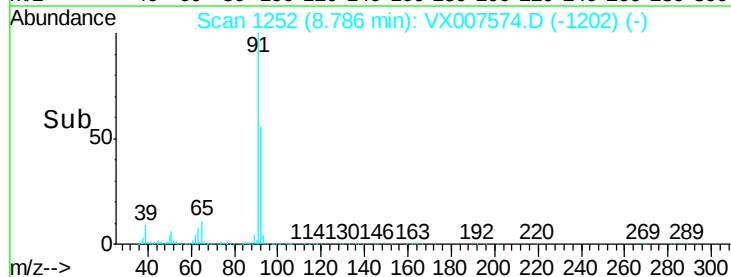
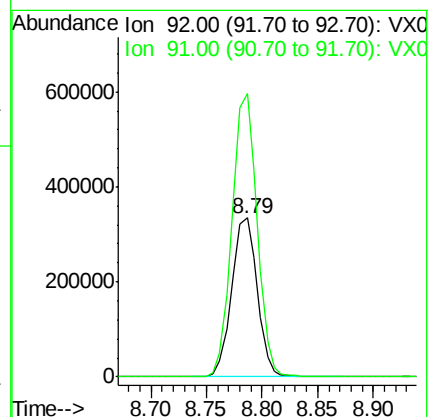
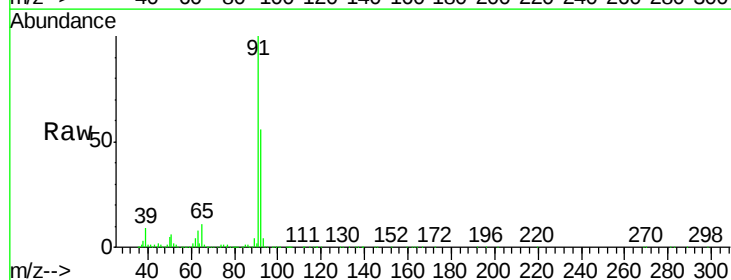
Acq: 15 Feb 2019 17:58

Tgt Ion: 92 Resp: 533855

Ion Ratio Lower Upper

92 100

91 175.1 139.1 208.7

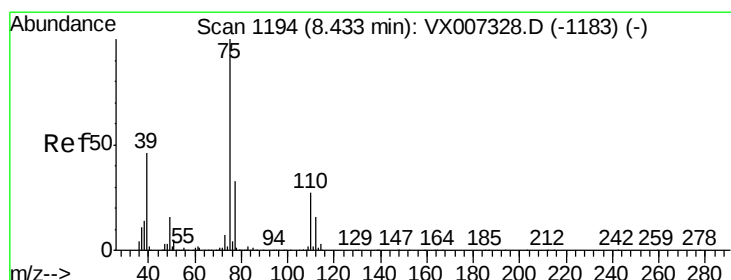
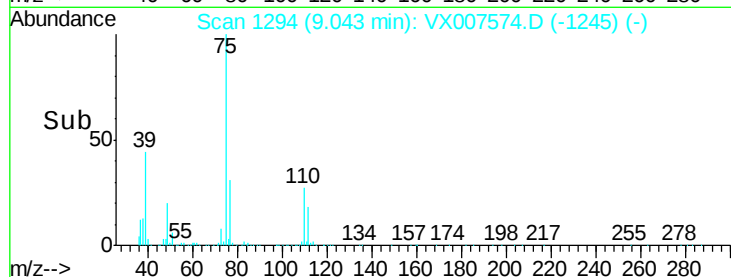
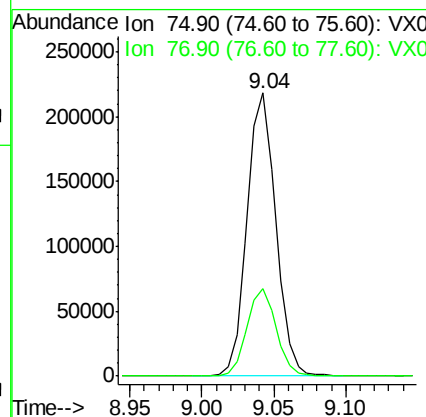
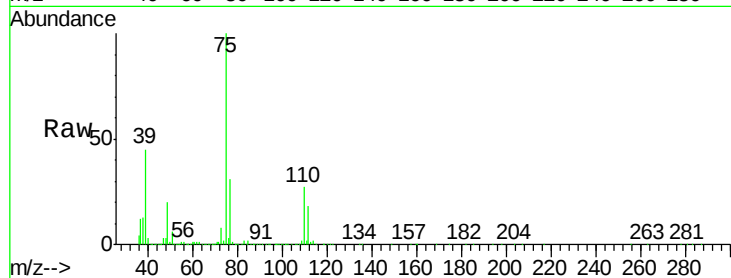




#53
 t-1,3-Dichloropropene
 Concen: 50.667 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

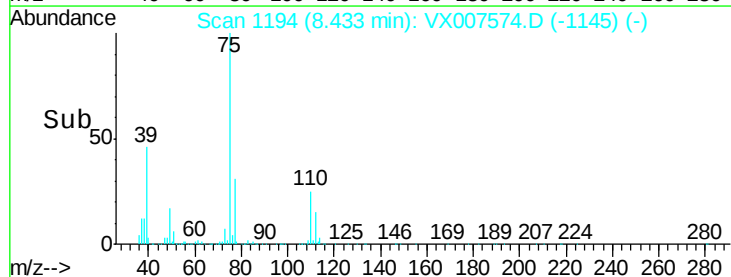
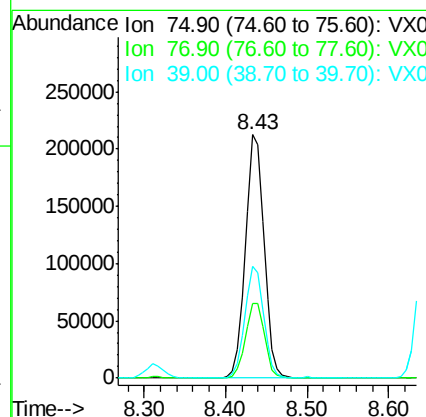
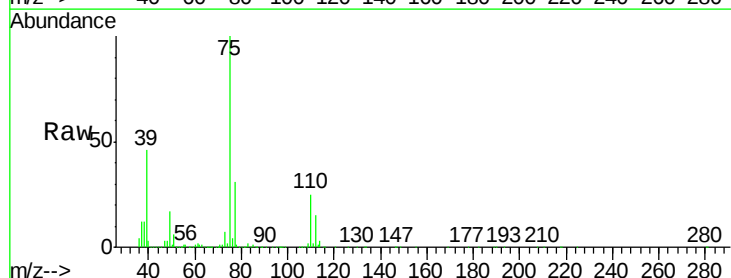
Instrument :
 MSVOA_W
 ClientSampleId :

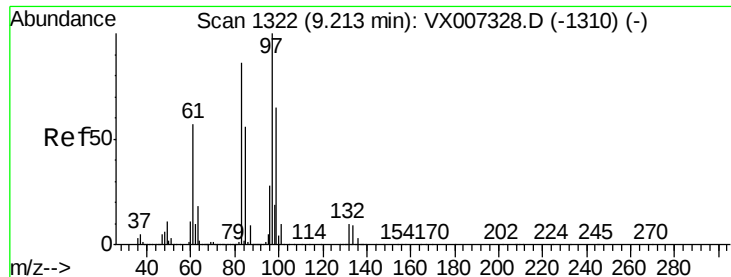
Tot Ion: 75 Resp: 301489
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 50.929 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Tgt Ion: 75 Resp: 333261
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.2 39.4
 39 45.7 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 47.890 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 231184

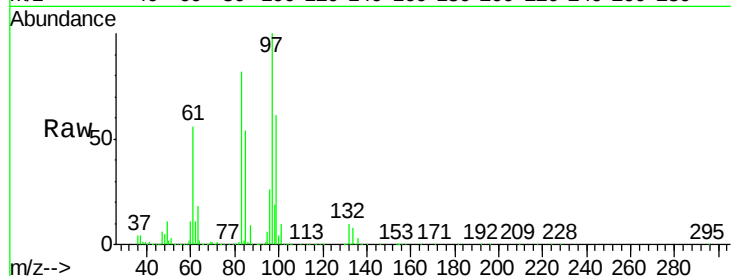
Ion Ratio Lower Upper

97 100

83 82.3 68.6 102.8

85 53.9 44.5 66.7

99 60.7 52.2 78.4

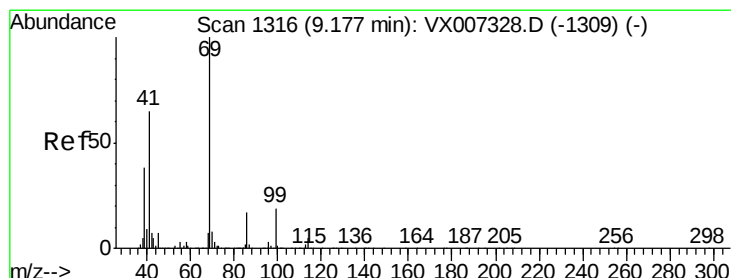
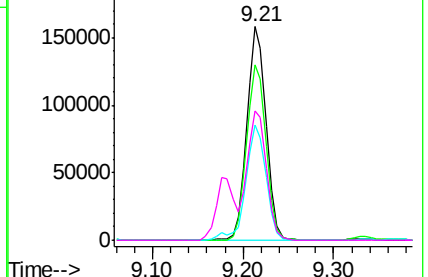
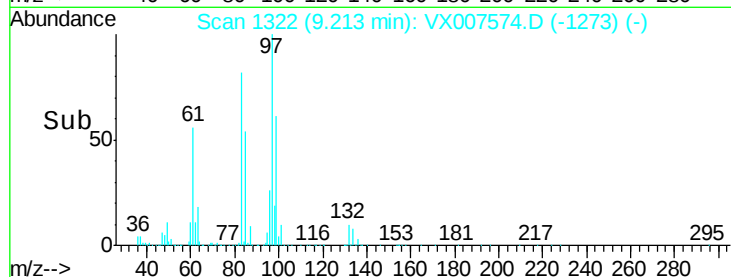


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.988 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

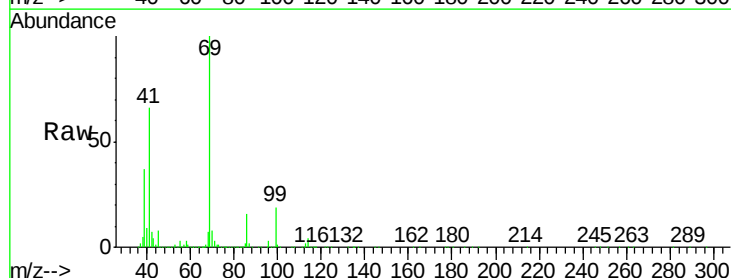
Tgt Ion: 69 Resp: 340907

Ion Ratio Lower Upper

69 100

41 64.8 52.1 78.1

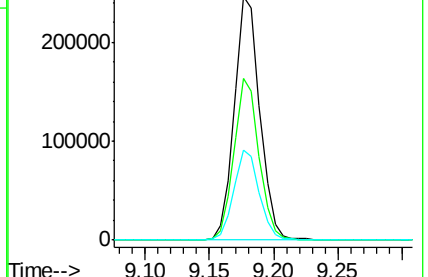
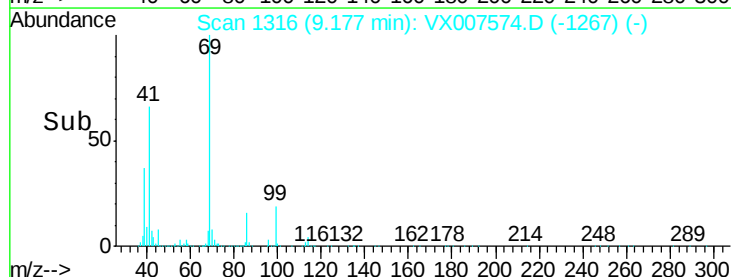
39 36.7 30.1 45.1

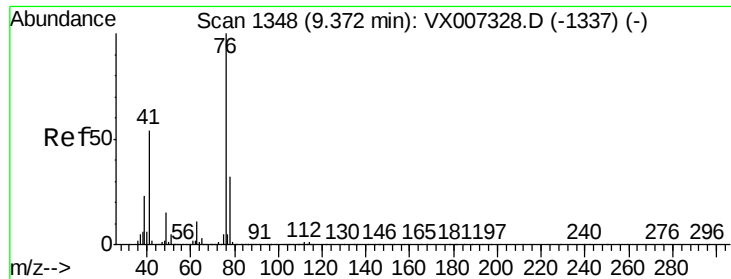


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.795 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

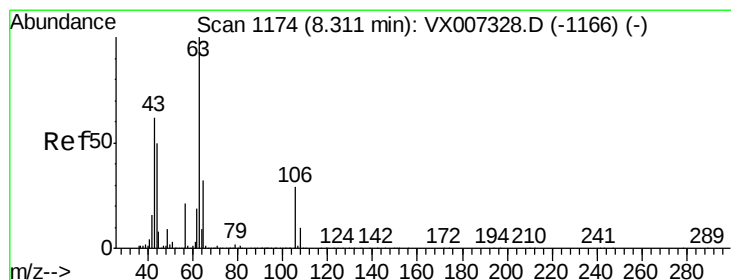
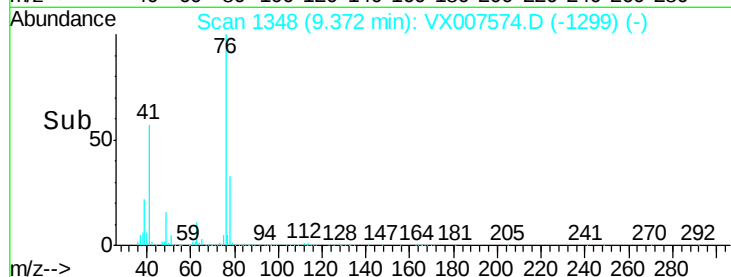
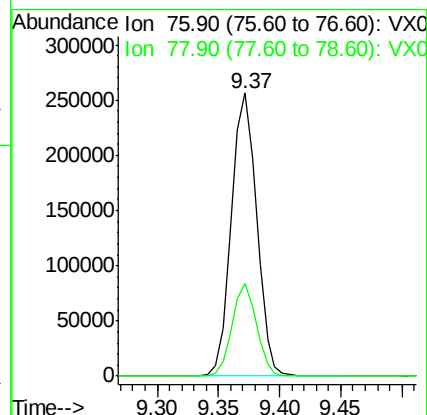
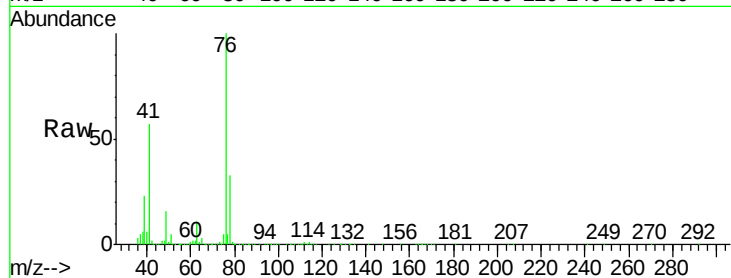
ClientSampled :

Tot Ion: 76 Resp: 366920

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 250.989 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007574.D

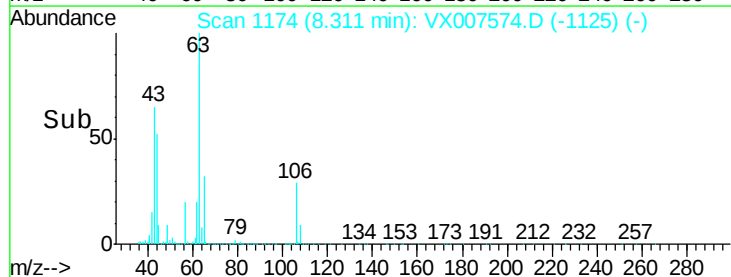
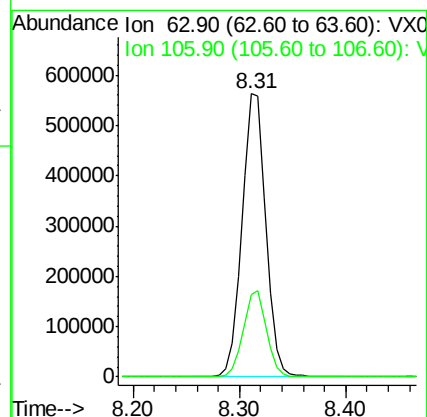
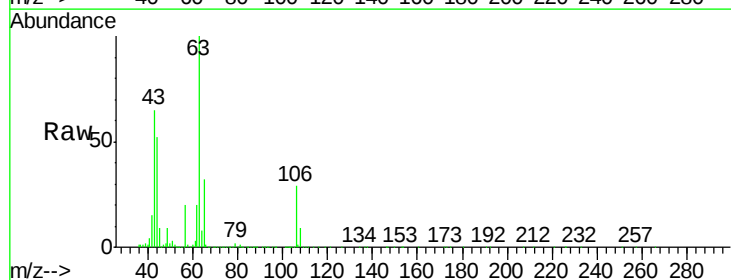
Acq: 15 Feb 2019 17:58

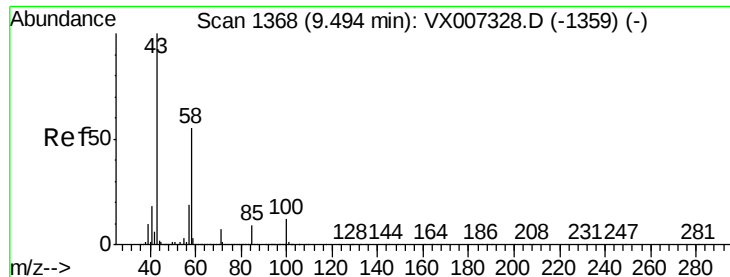
Tgt Ion: 63 Resp: 884501

Ion Ratio Lower Upper

63 100

106 29.8 23.6 35.4

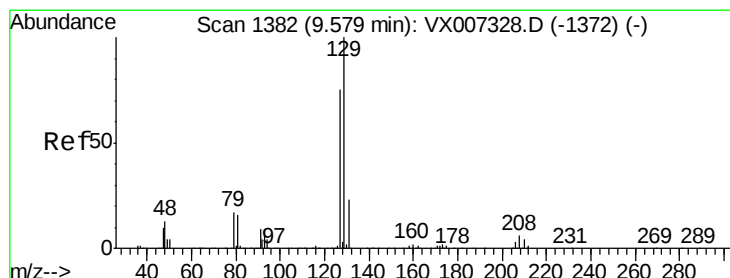
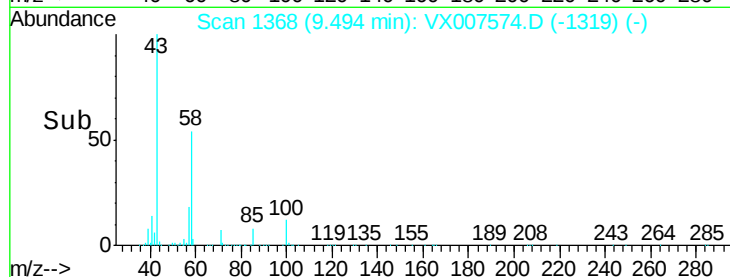
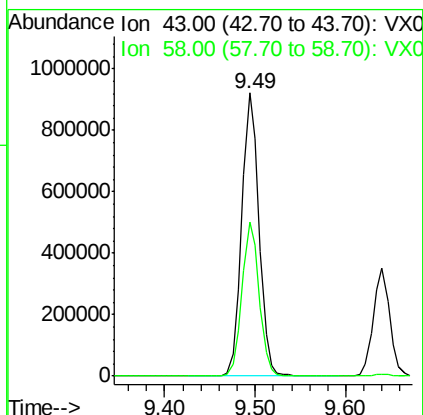
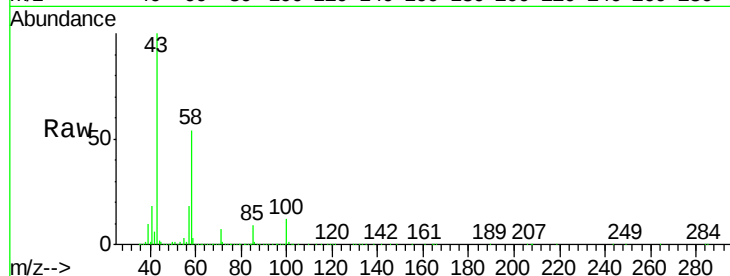




#59
2-Hexanone
Concen: 249.954 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

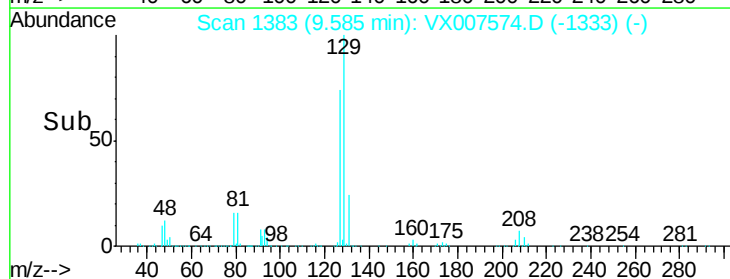
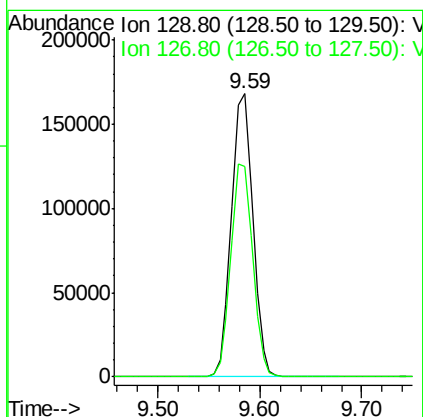
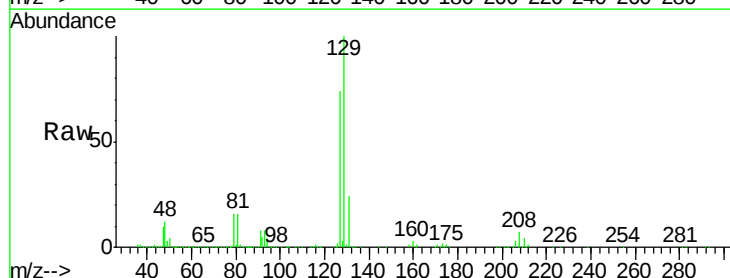
Instrument :
MSVOA_W
ClientSampleId :

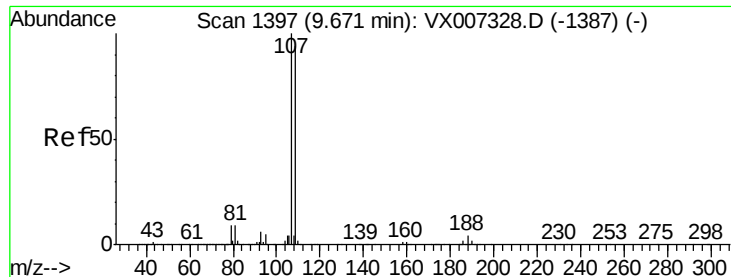
Tot Ion: 43 Resp: 1217397
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.3



#60
Dibromochloromethane
Concen: 53.635 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion: 129 Resp: 244873
Ion Ratio Lower Upper
129 100
127 76.3 37.8 113.4





#61

1,2-Dibromoethane

Concen: 47.393 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

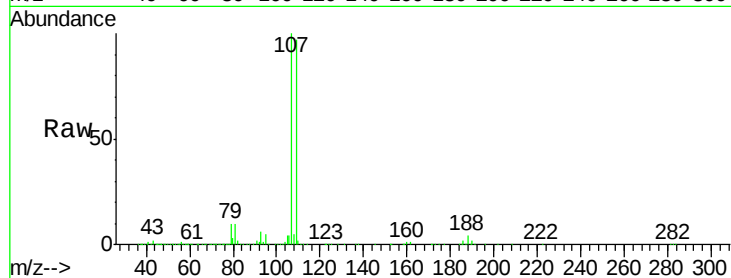
ClientSampleId :

Tot Ion: 107 Resp: 242287

Ion Ratio Lower Upper

107 100

109 95.2 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

200000

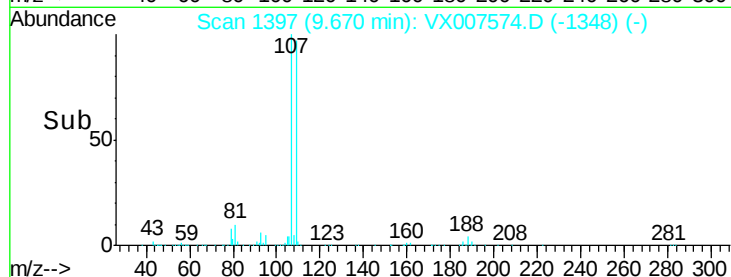
150000

100000

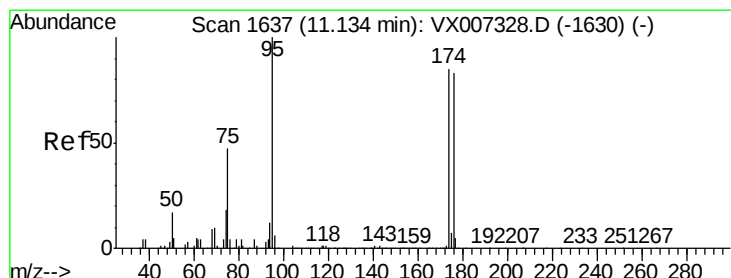
50000

0

Time-->



Time-->



#62

4-Bromofluorobenzene

Concen: 48.376 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

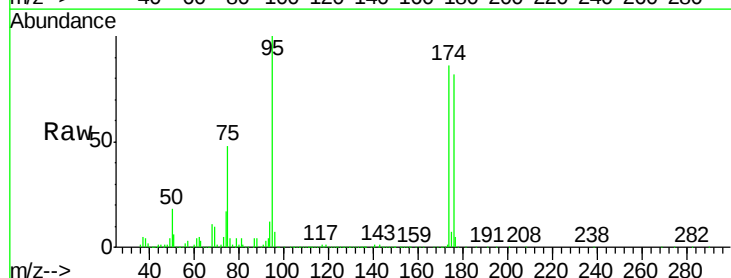
Tgt Ion: 95 Resp: 289570

Ion Ratio Lower Upper

95 100

174 93.8 0.0 189.2

176 91.0 0.0 186.2



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

300000

250000

200000

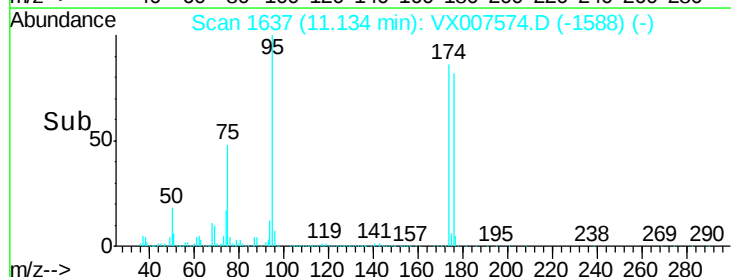
150000

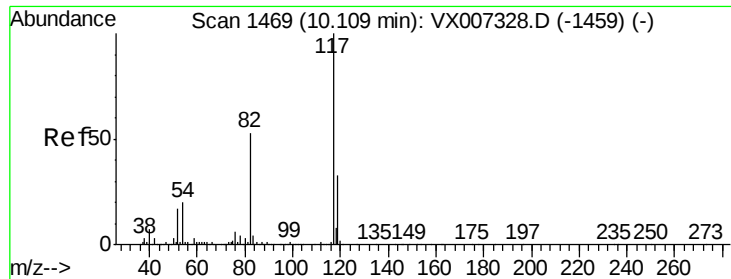
100000

50000

0

Time-->

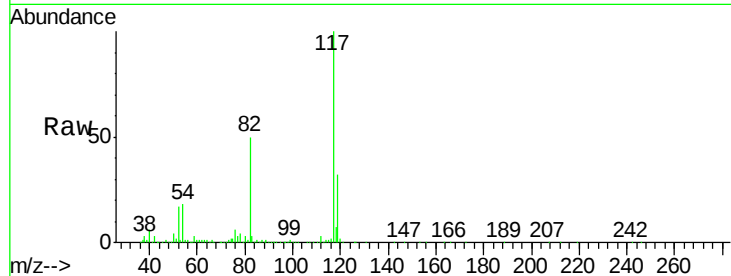




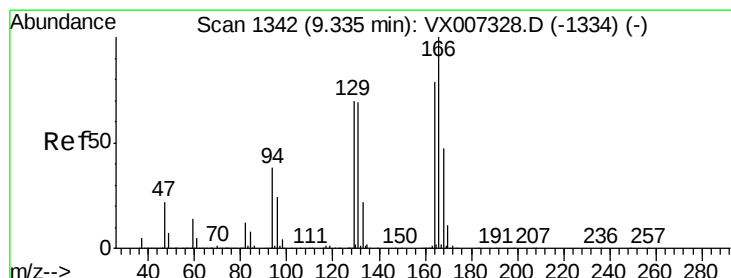
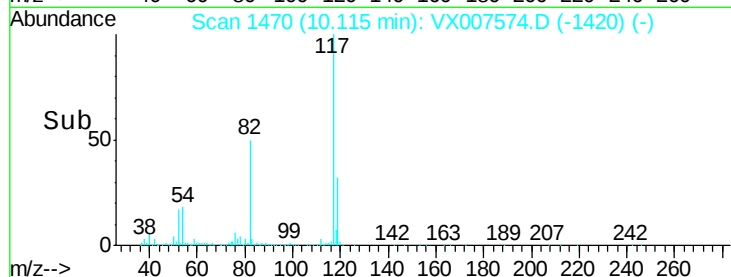
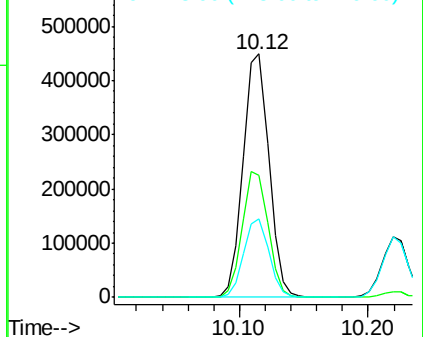
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 622801
Ion Ratio Lower Upper
117 100
82 50.2 42.1 63.1
119 32.2 26.5 39.7



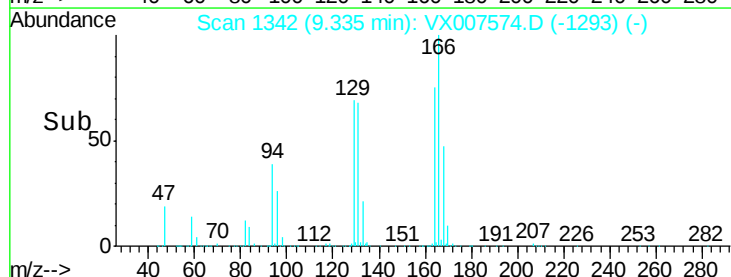
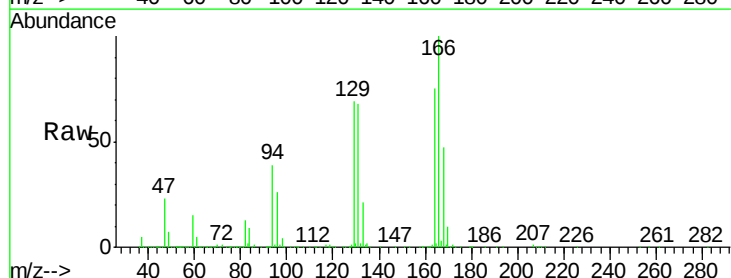
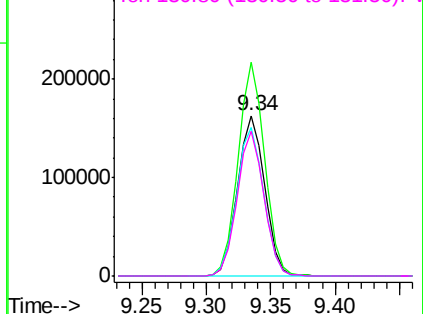
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 40.633 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion:164 Resp: 238516
Ion Ratio Lower Upper
164 100
166 133.1 101.0 151.4
129 92.4 70.5 105.7
131 90.3 69.8 104.6

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 45.599 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

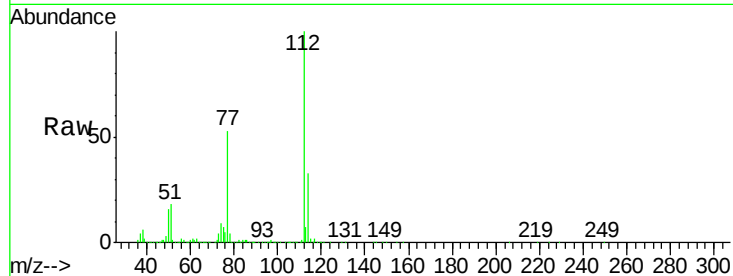
ClientSampleId :

Tot Ion:112 Resp: 619727

Ion Ratio Lower Upper

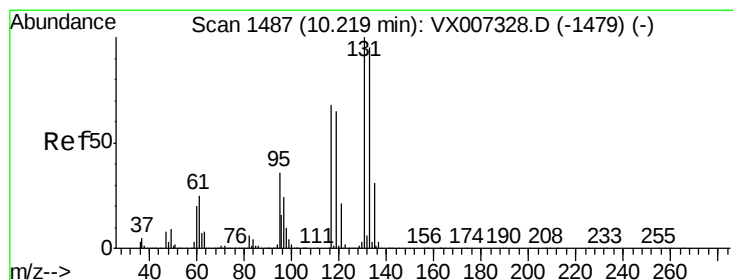
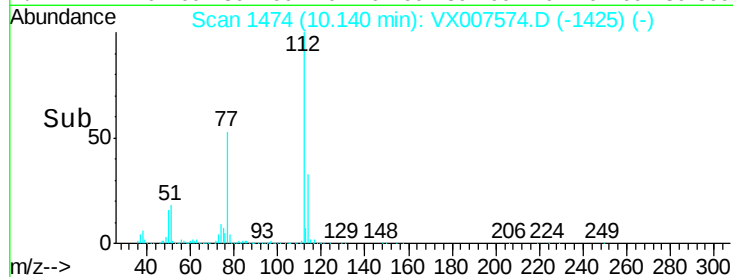
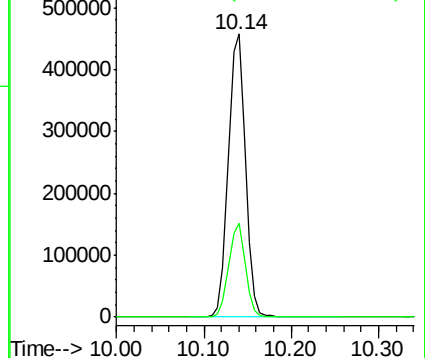
112 100

114 33.3 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.489 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

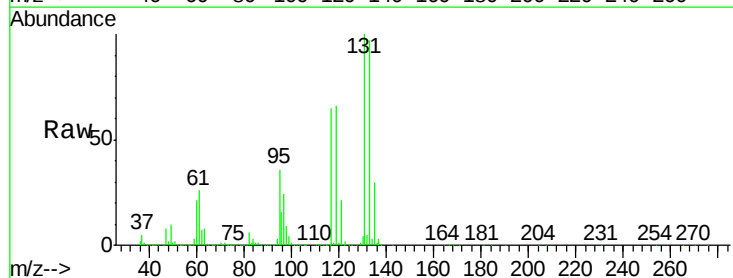
Tgt Ion:131 Resp: 230057

Ion Ratio Lower Upper

131 100

133 95.7 48.0 144.2

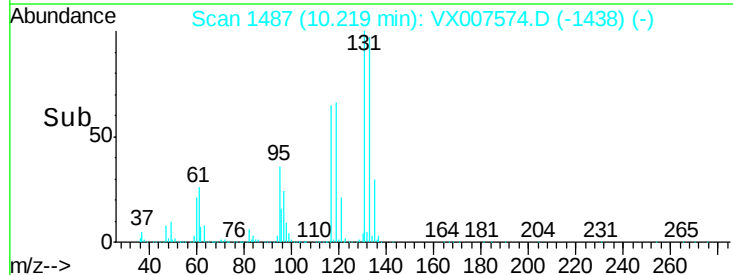
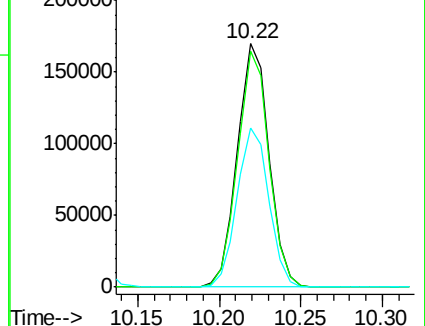
119 65.7 32.0 96.0

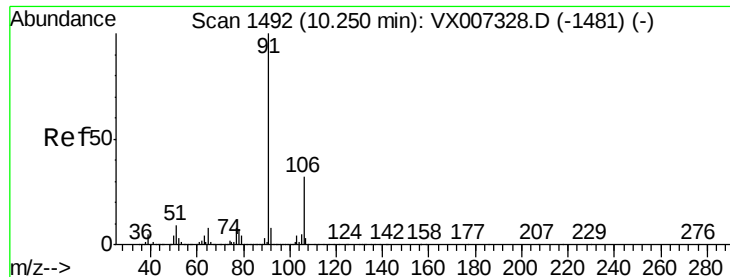


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

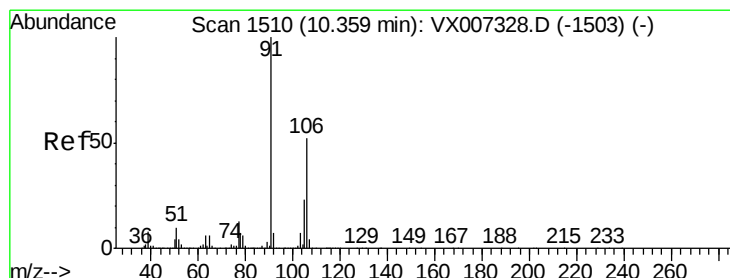
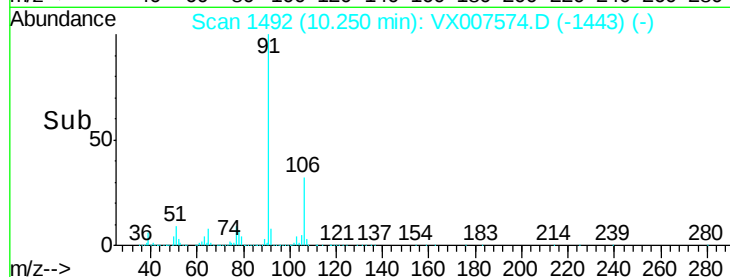
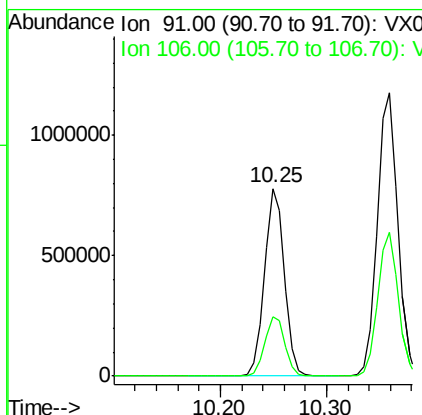
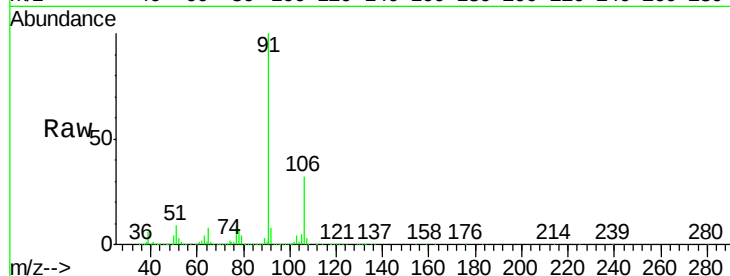




#67
Ethyl Benzene
Concen: 46.473 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

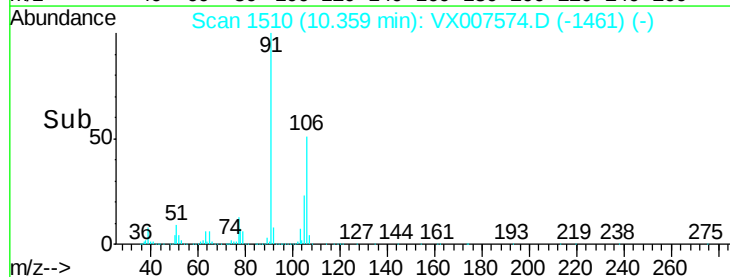
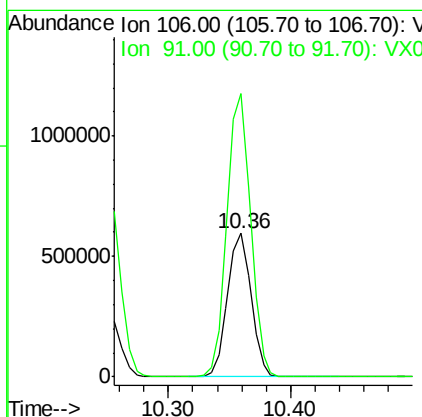
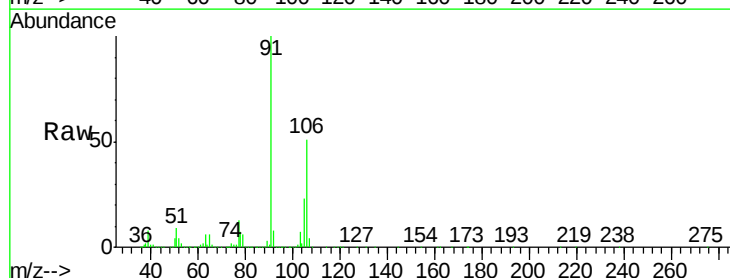
Instrument :
MSVOA_W
ClientSampled :

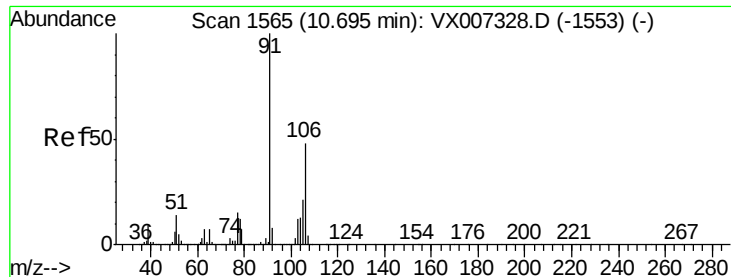
Tot Ion: 91 Resp: 1017114
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0



#68
m/p-Xylenes
Concen: 91.795 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion: 106 Resp: 798621
Ion Ratio Lower Upper
106 100
91 197.3 156.6 234.8

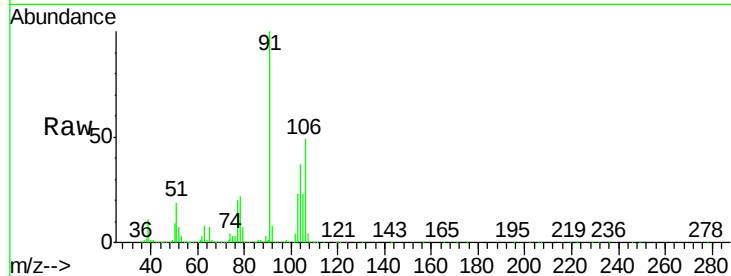




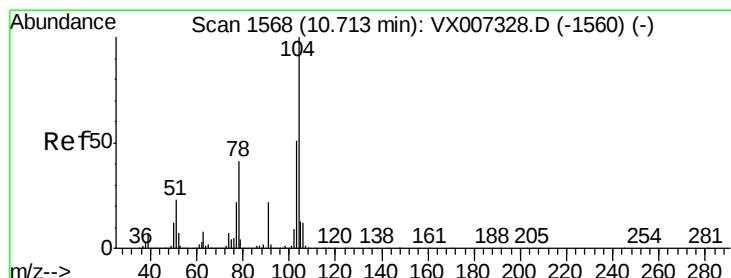
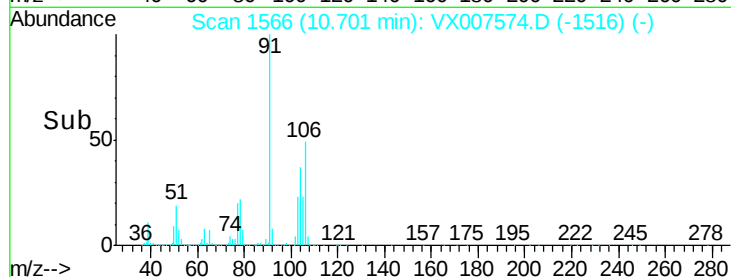
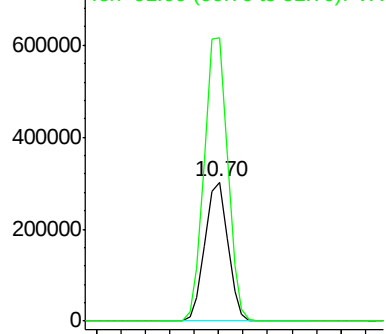
#69
o-Xylene
Concen: 46.927 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:106 Resp: 392854
Ion Ratio Lower Upper
106 100
91 207.2 102.9 308.7

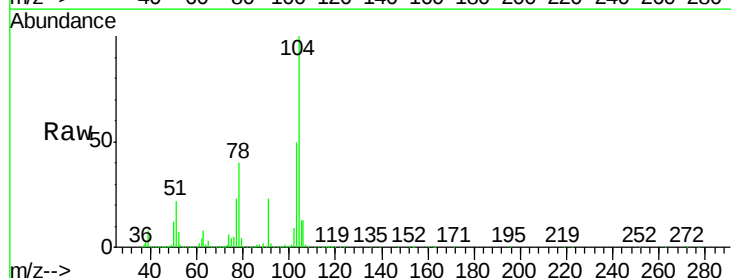


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

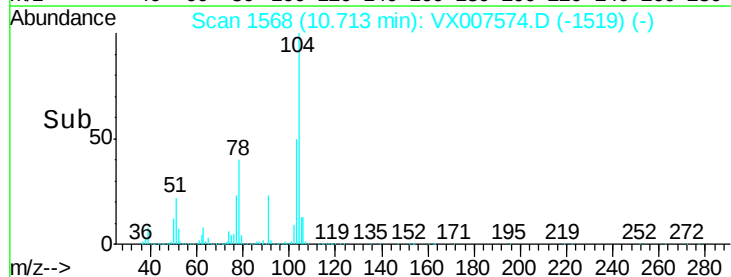
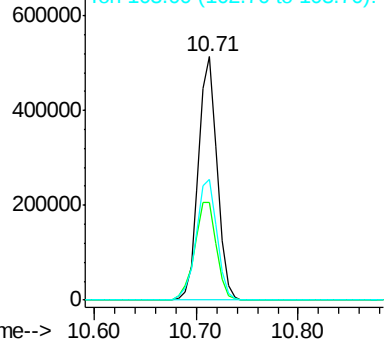


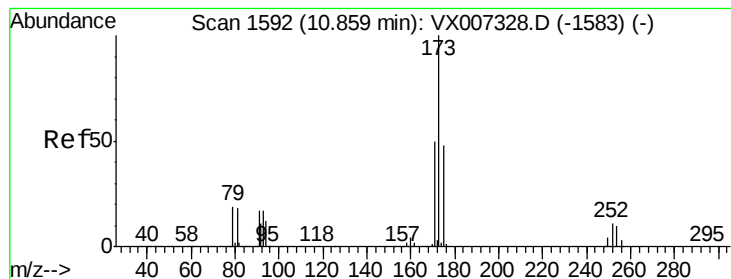
#70
Styrene
Concen: 47.859 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion:104 Resp: 649770
Ion Ratio Lower Upper
104 100
78 46.9 38.3 57.5
103 55.2 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 45.733 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

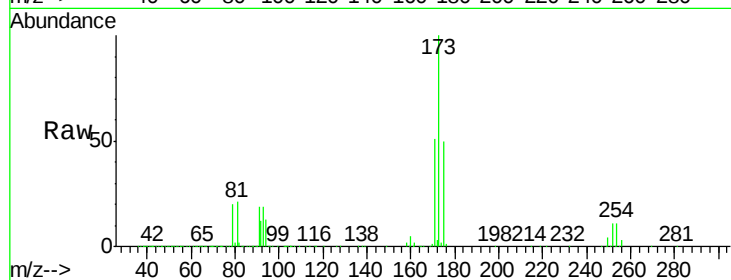
Tot Ion:173 Resp: 181275

Ion Ratio Lower Upper

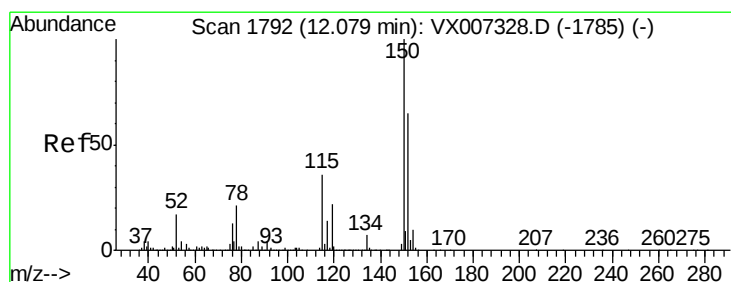
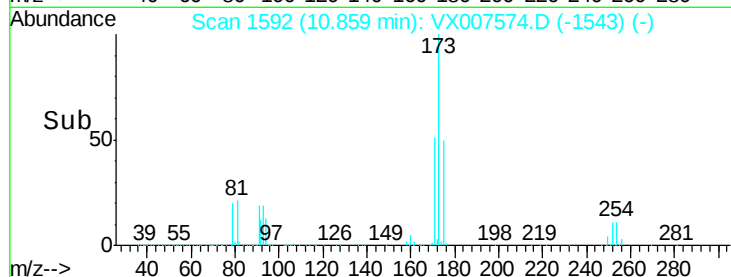
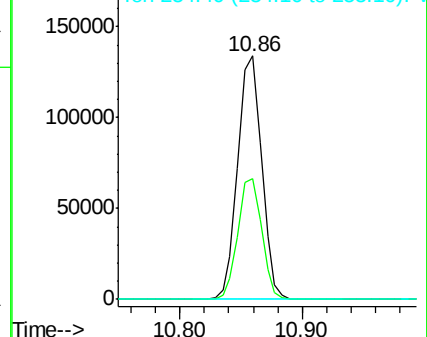
173 100

175 49.4 24.2 72.6

254 0.2 0.2 0.2



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: VX007574.D

Acq: 15 Feb 2019 17:58

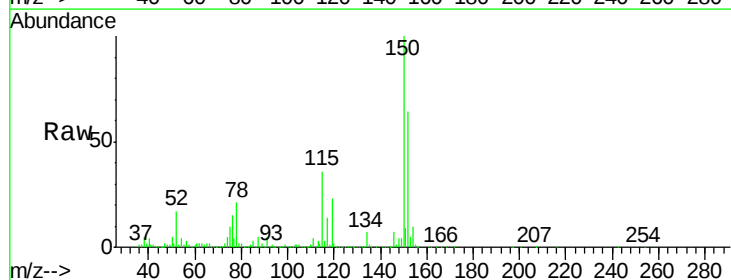
Tgt Ion:152 Resp: 325451

Ion Ratio Lower Upper

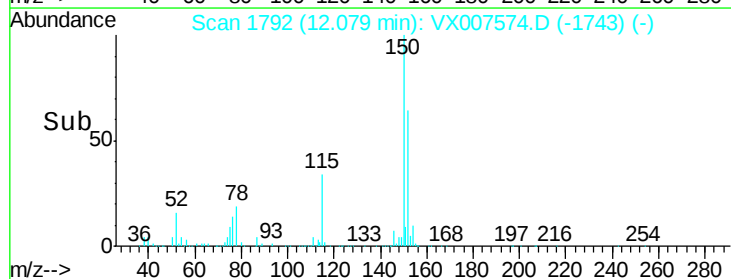
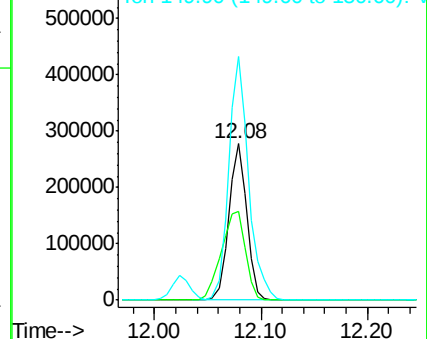
152 100

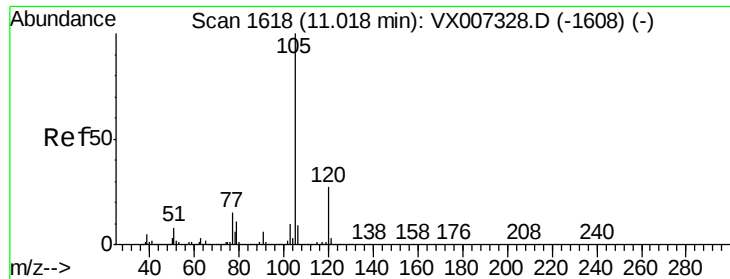
115 76.0 38.0 114.0

150 172.4 0.0 346.4



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: 47.523 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

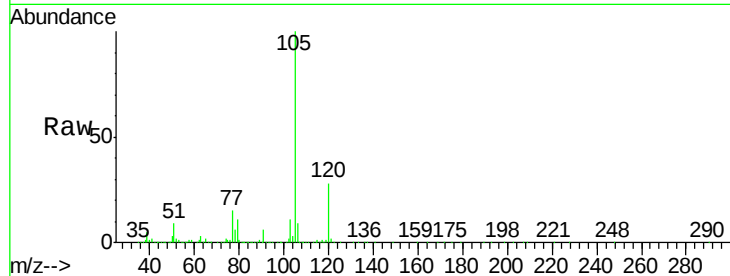
ClientSampleId :

Tot Ion:105 Resp: 1051018

Ion Ratio Lower Upper

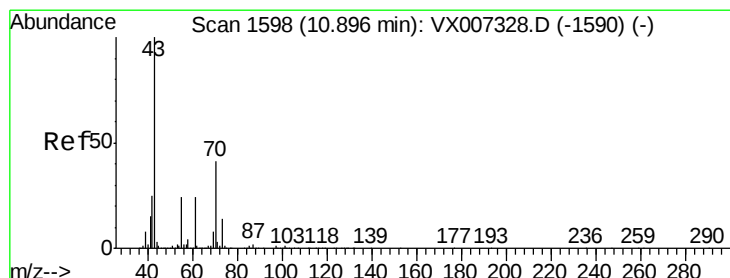
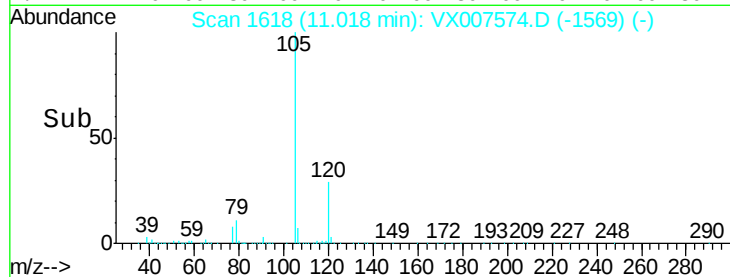
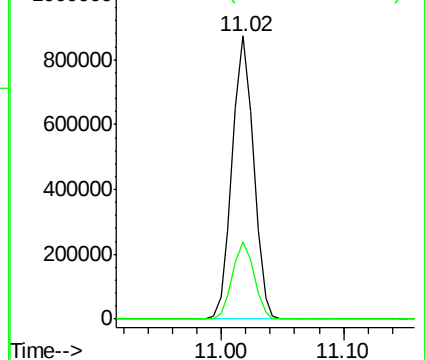
105 100

120 27.8 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.630 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Tgt Ion: 43 Resp: 433107

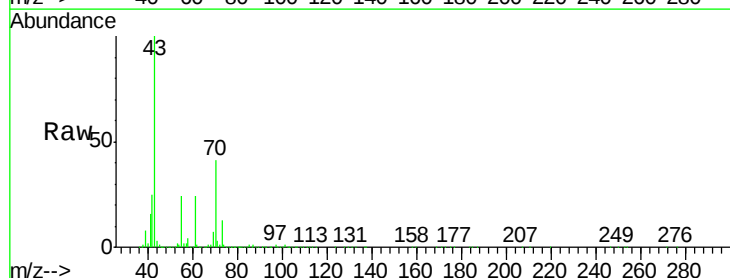
Ion Ratio Lower Upper

43 100

70 42.4 33.8 50.6

55 24.2 19.5 29.3

61 24.4 19.4 29.2

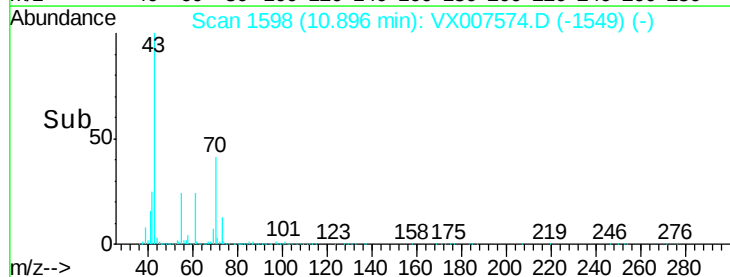
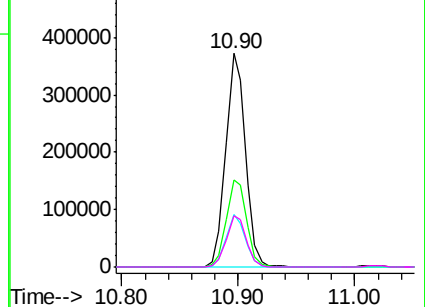


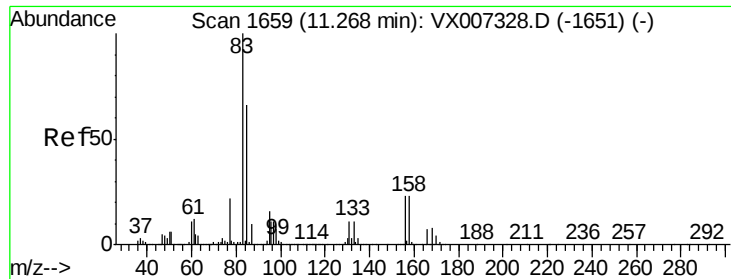
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 50.130 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

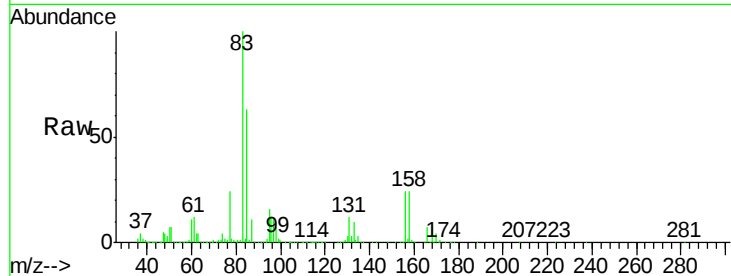
Tot Ion: 83 Resp: 337880

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.0

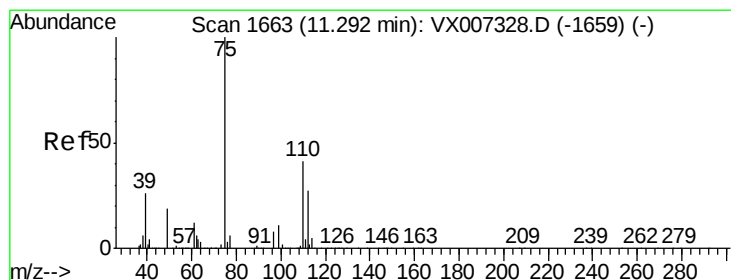
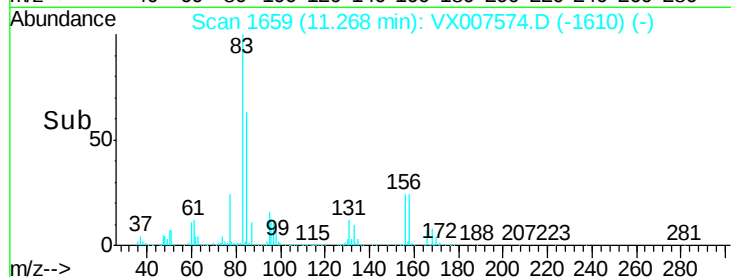
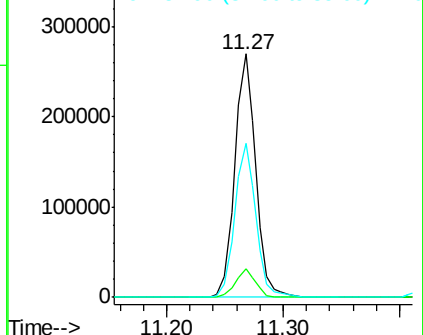
85 63.7 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.904 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007574.D

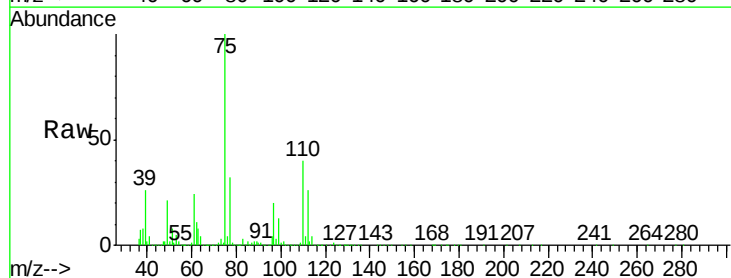
Acq: 15 Feb 2019 17:58

Tgt Ion: 75 Resp: 391877

Ion Ratio Lower Upper

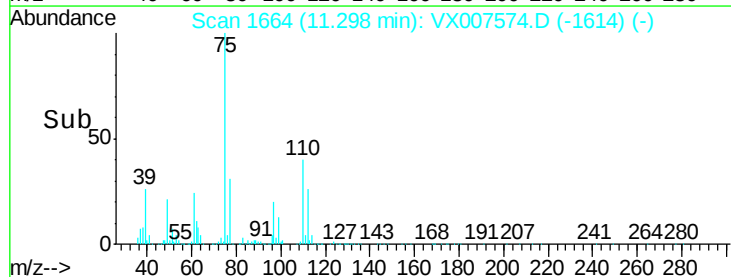
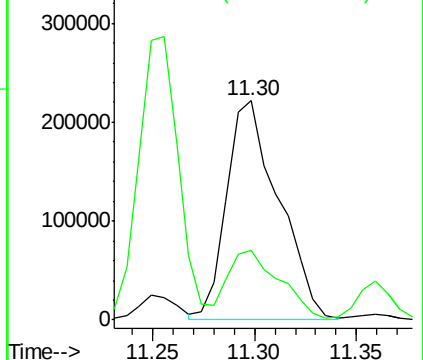
75 100

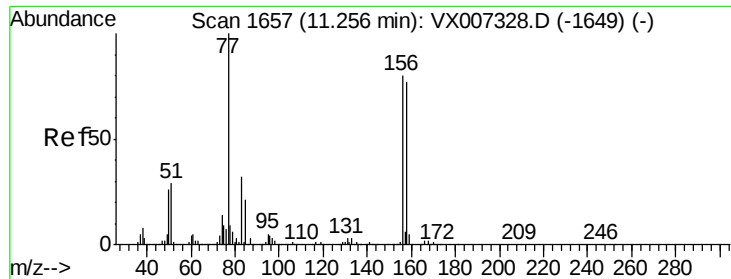
77 31.3 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.751 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

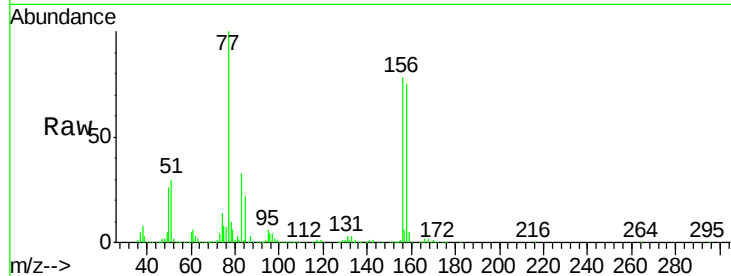
Tot Ion:156 Resp: 285088

Ion Ratio Lower Upper

156 100

77 137.1 66.8 200.6

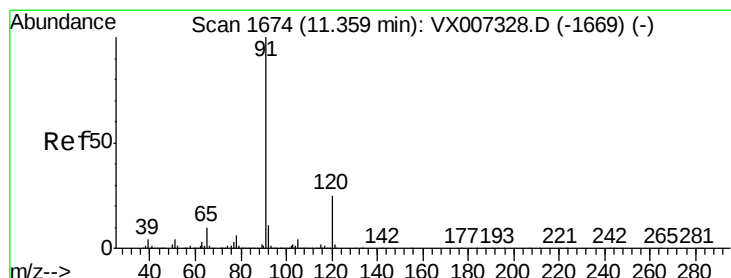
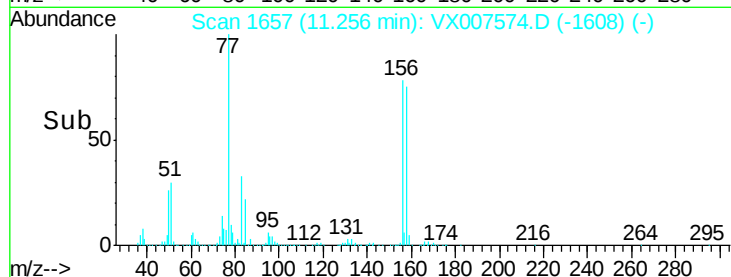
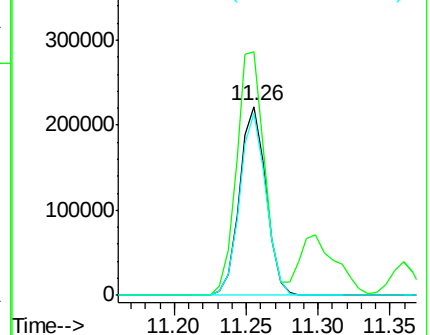
158 96.3 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.409 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007574.D

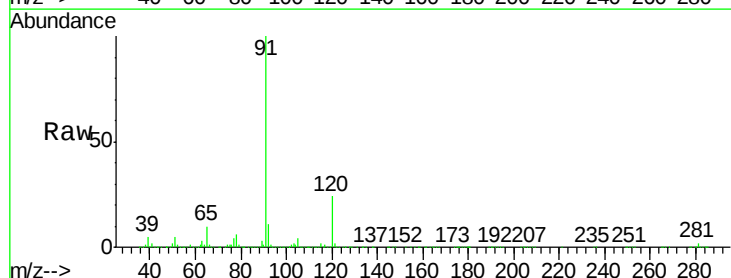
Acq: 15 Feb 2019 17:58

Tgt Ion: 91 Resp: 1174012

Ion Ratio Lower Upper

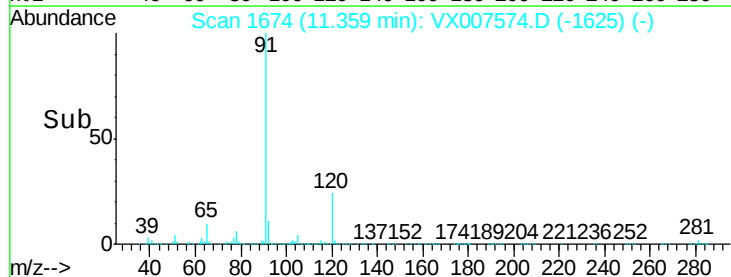
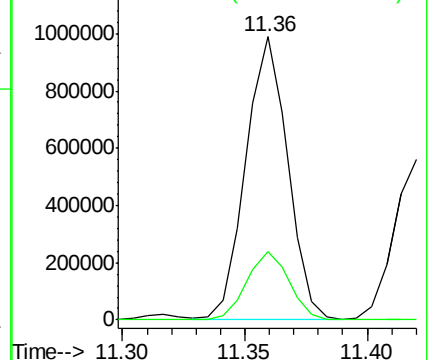
91 100

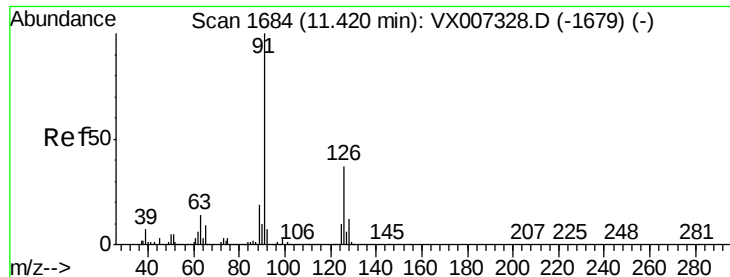
120 24.3 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

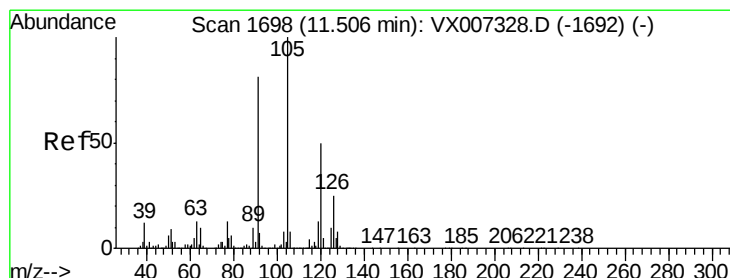
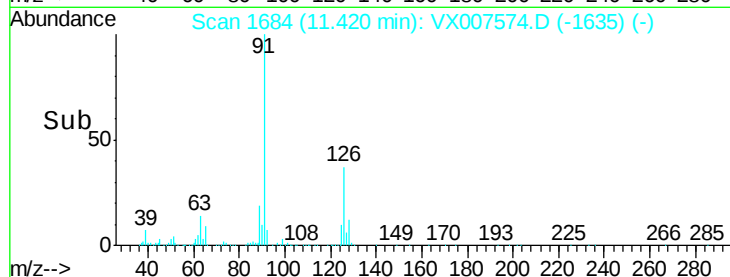
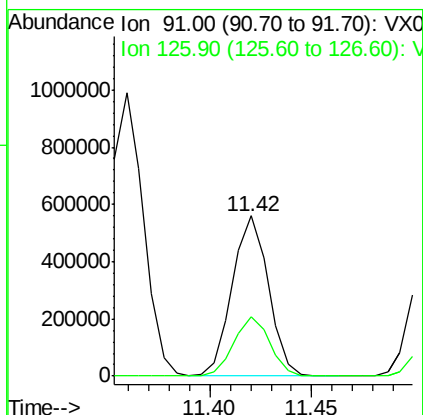
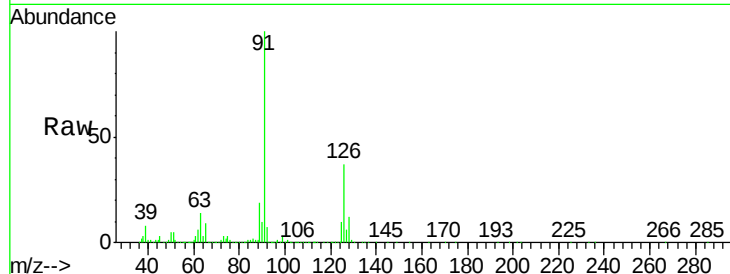




#79
 2-Chlorotoluene
 Concen: 46.684 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

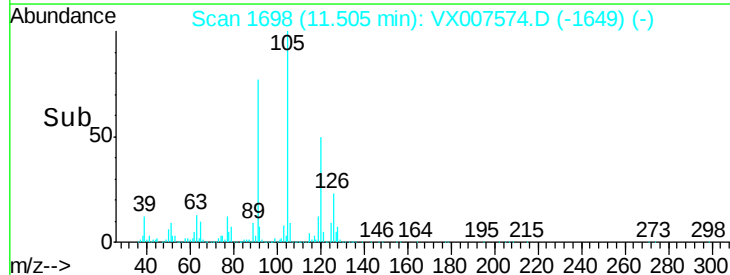
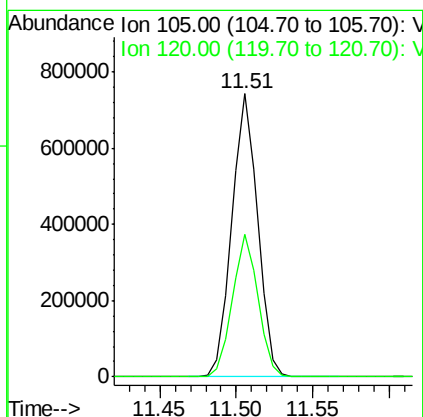
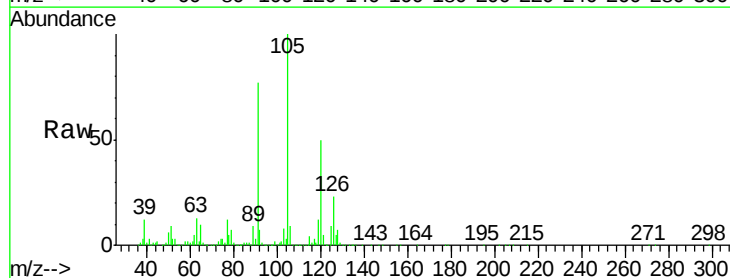
Instrument :
 MSVOA_W
 ClientSampleId :

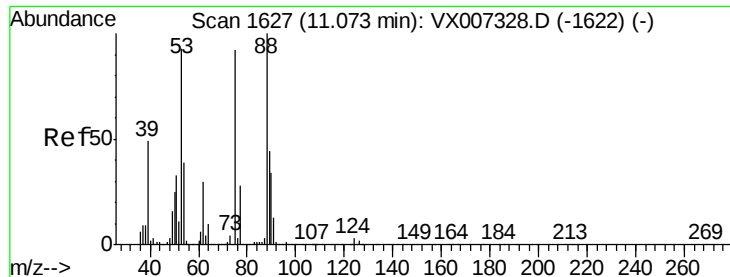
Tot Ion: 91 Resp: 686981
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 47.918 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Tgt Ion: 105 Resp: 867021
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.373 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

ClientSampled :

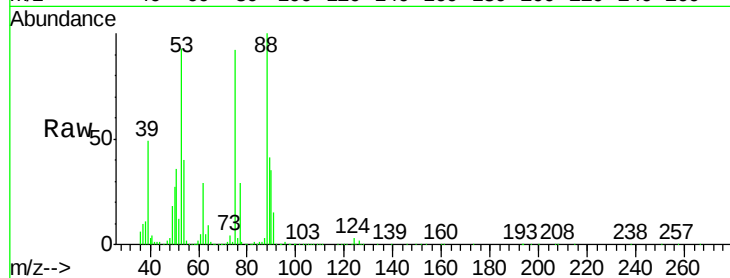
Tot Ion: 75 Resp: 98763

Ion Ratio Lower Upper

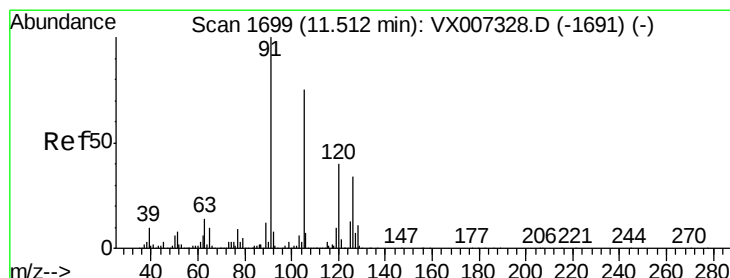
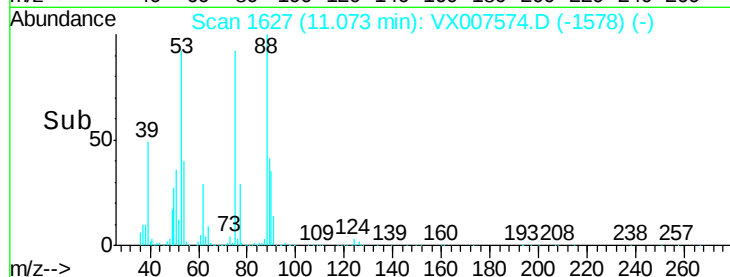
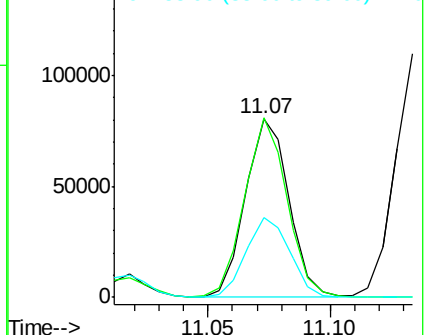
75 100

53 98.9 81.0 121.6

89 46.3 41.4 62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.607 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007574.D

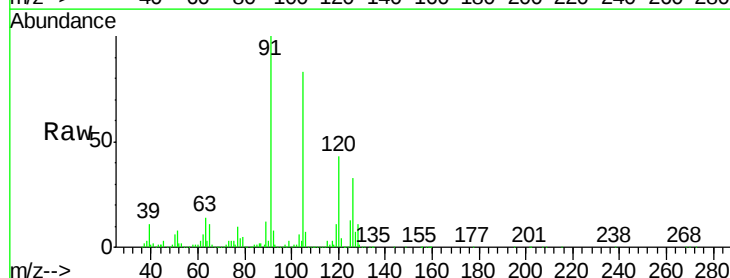
Acq: 15 Feb 2019 17:58

Tgt Ion: 91 Resp: 810614

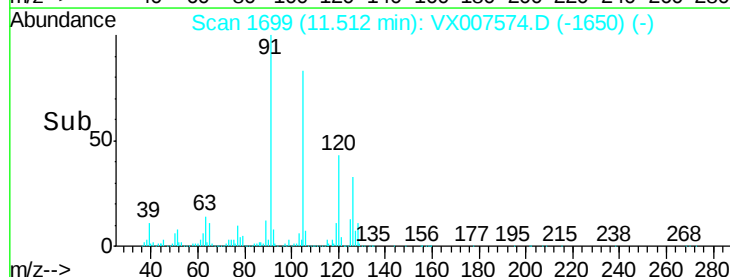
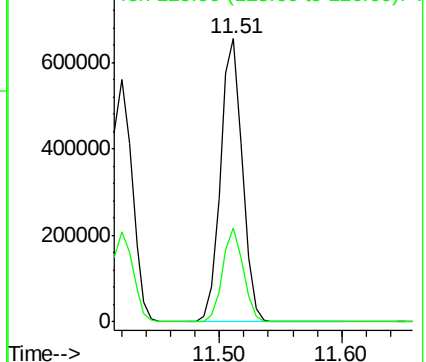
Ion Ratio Lower Upper

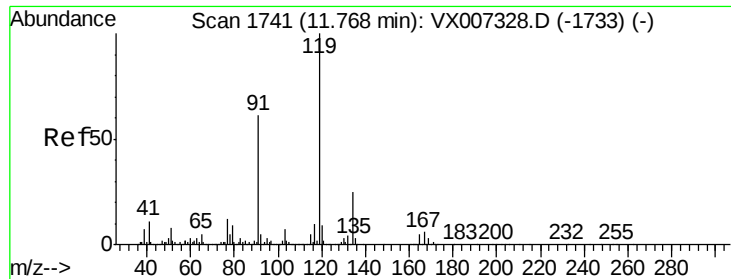
91 100

126 31.7 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 48.825 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

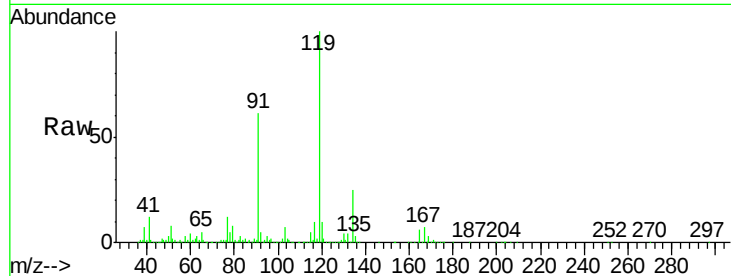
Tot Ion:119 Resp: 874650

Ion Ratio Lower Upper

119 100

91 55.0 28.5 85.6

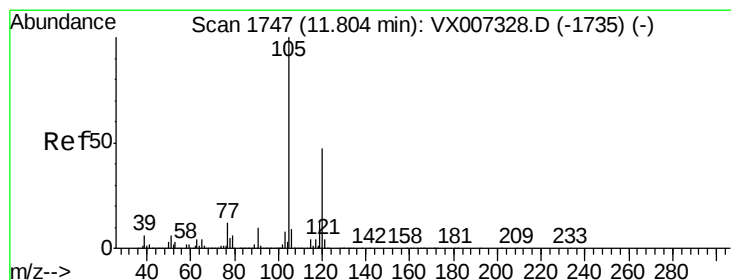
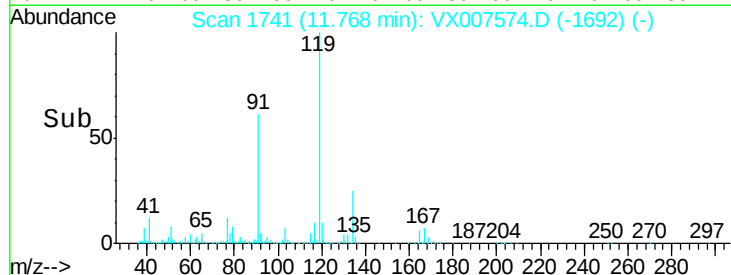
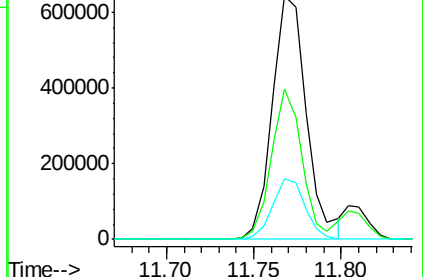
134 23.6 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.228 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007574.D

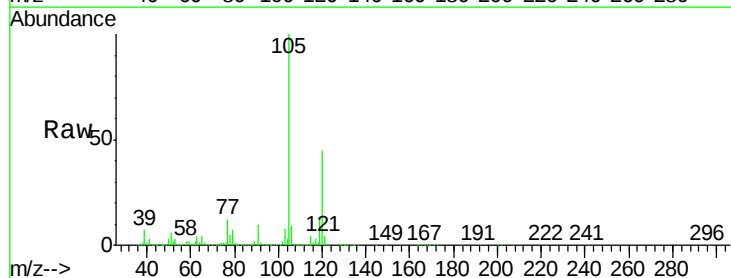
Acq: 15 Feb 2019 17:58

Tgt Ion:105 Resp: 885922

Ion Ratio Lower Upper

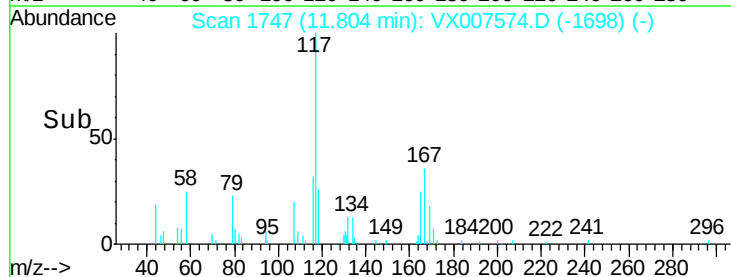
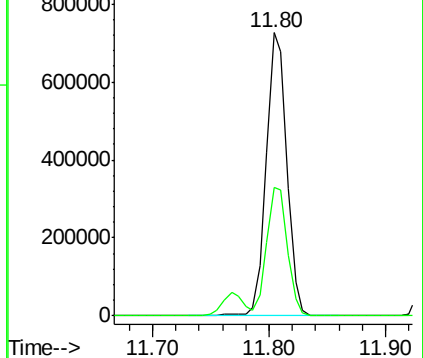
105 100

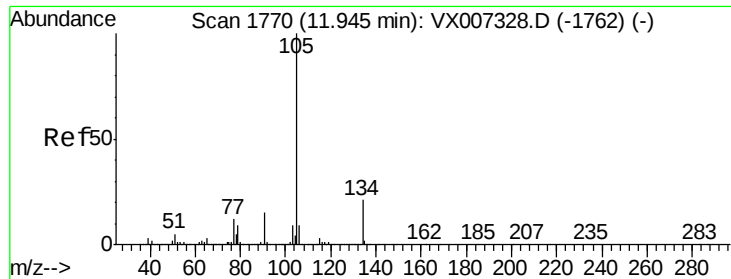
120 45.6 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.386 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

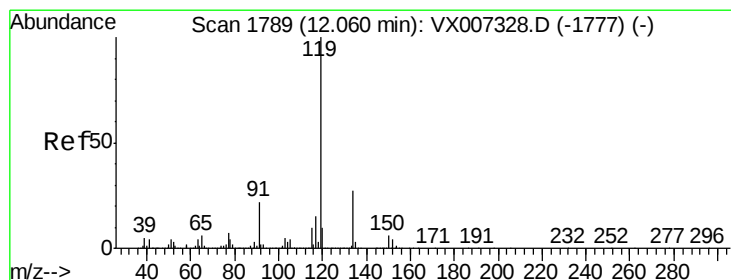
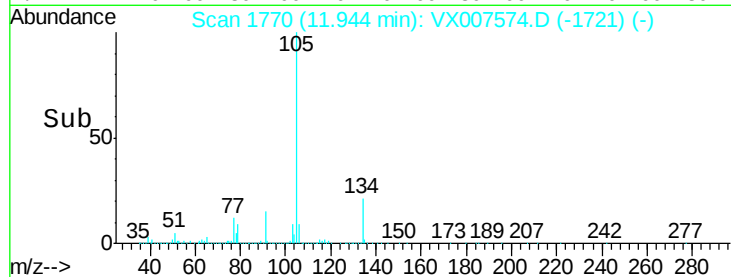
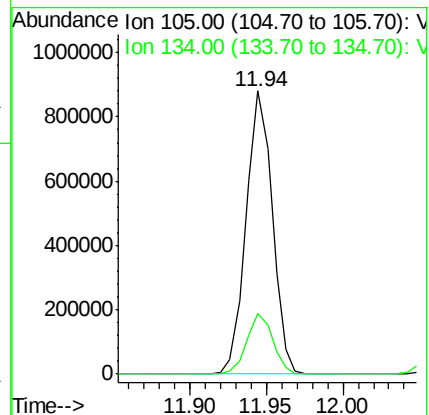
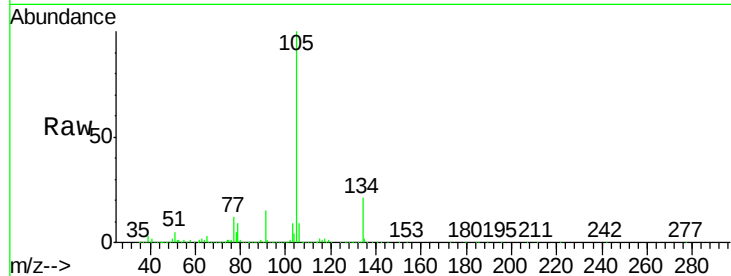
ClientSampleId :

Tot Ion:105 Resp: 1049069

Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8



#86

p-Isopropyltoluene

Concen: 48.136 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

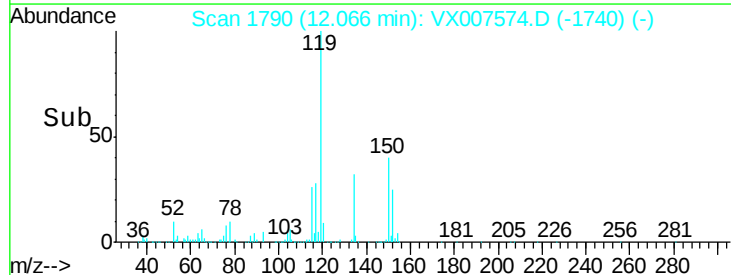
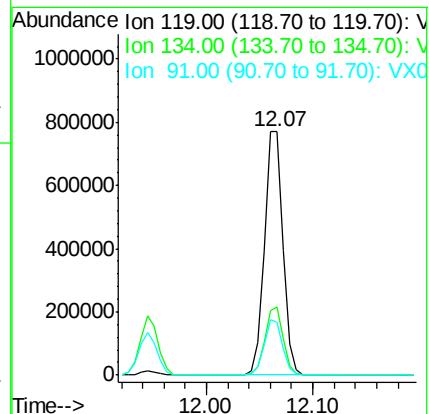
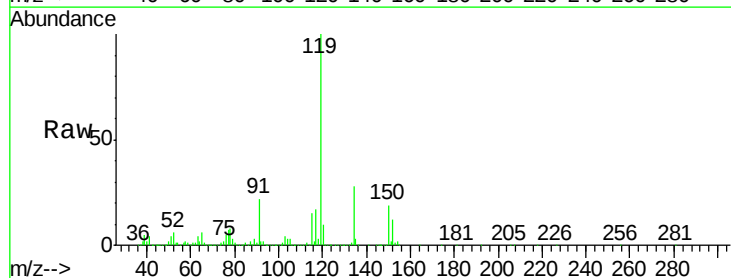
Tgt Ion:119 Resp: 942103

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 22.4 11.2 33.5

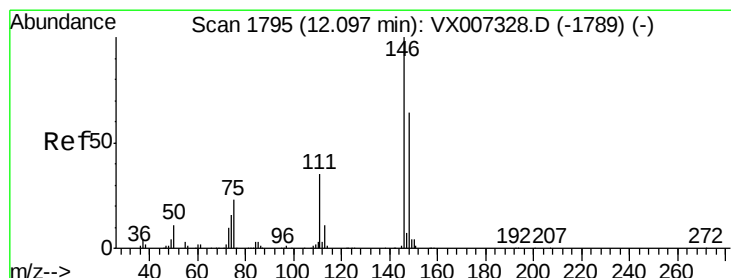
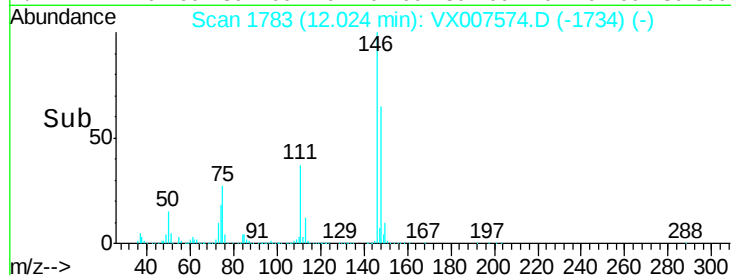
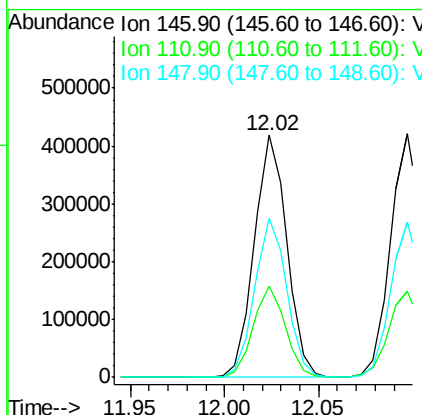
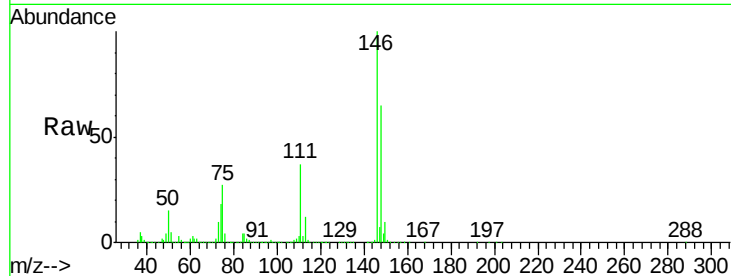




#87
 1,3-Dichlorobenzene
 Concen: 44.910 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

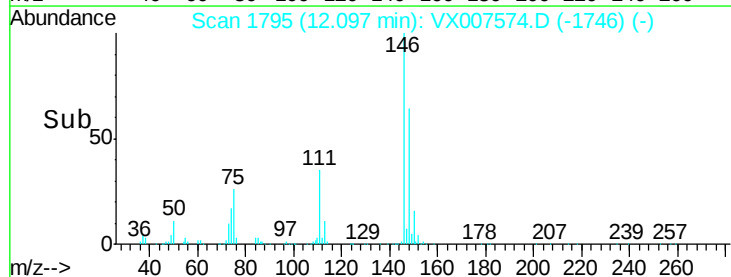
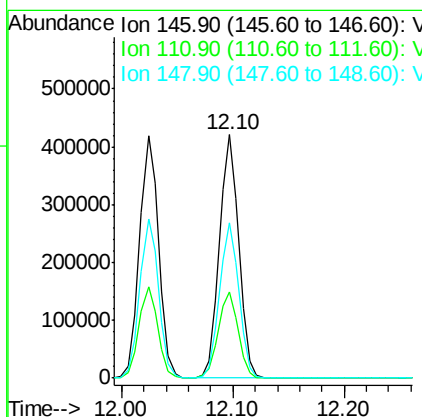
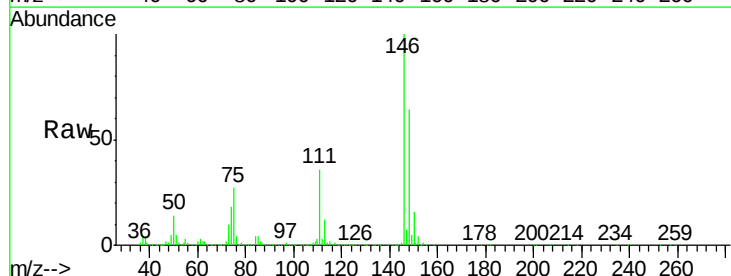
Instrument :
 MSVOA_W
 ClientSampleId :

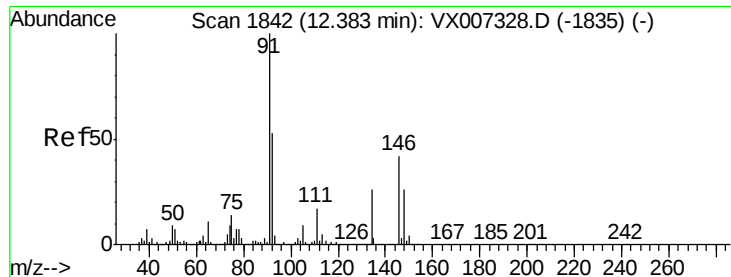
Tot Ion:146 Resp: 502239
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.1 54.1
 148 64.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 44.559 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Tgt Ion:146 Resp: 505560
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.1
 148 63.8 32.3 96.9

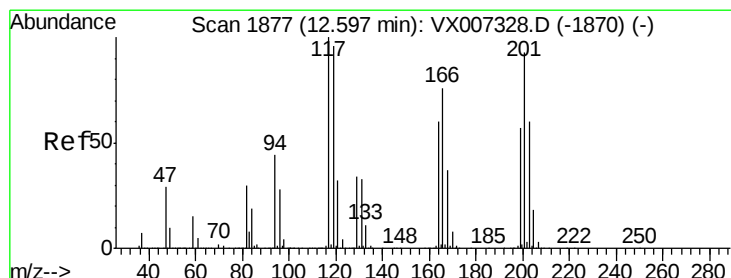
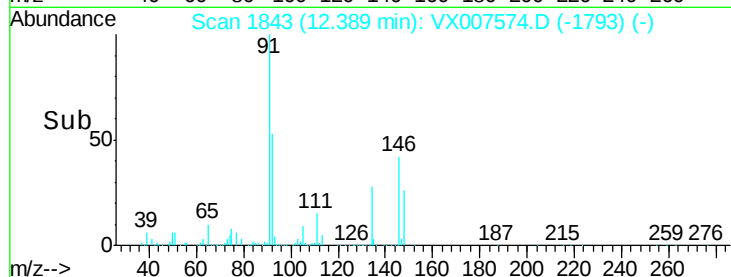
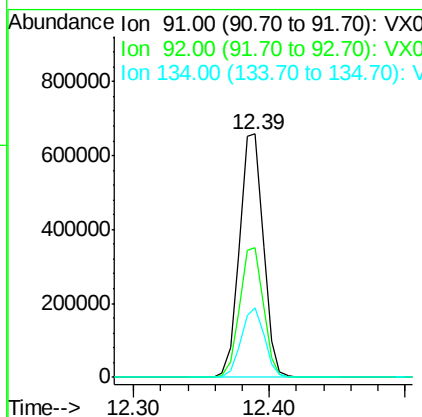
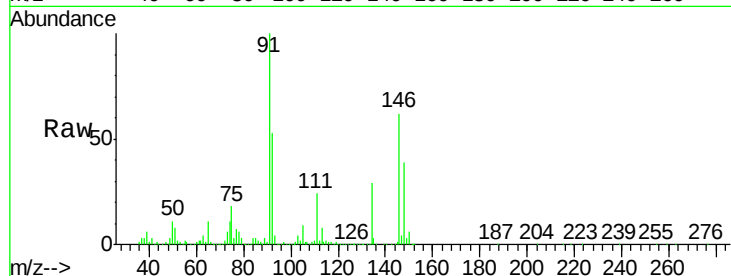




#89
n-Butylbenzene
Concen: 47.695 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

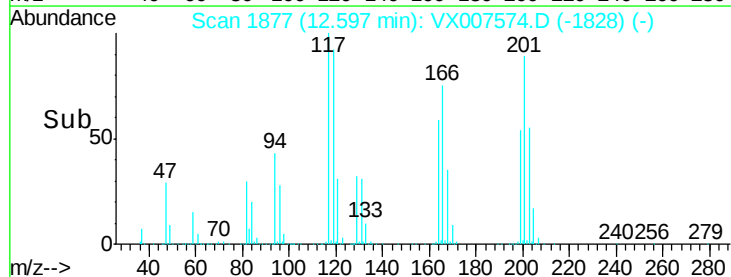
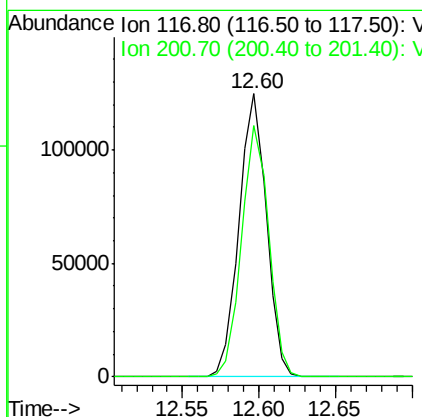
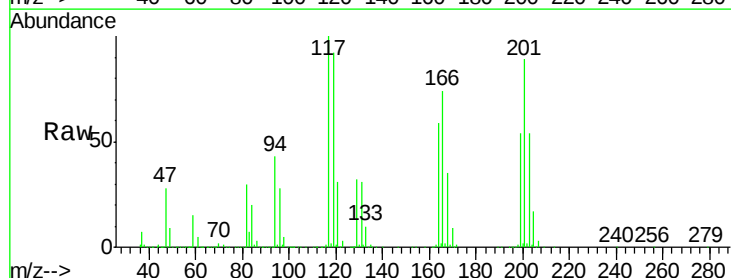
Instrument :
MSVOA_W
ClientSampled :

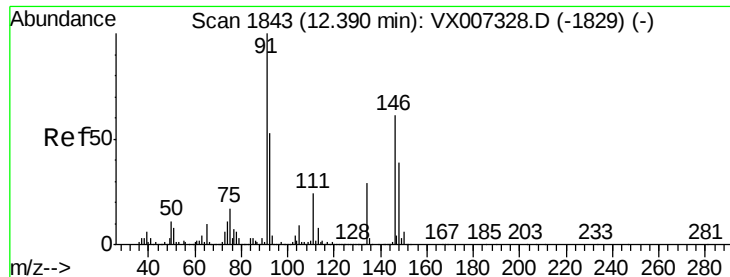
Tot Ion: 91 Resp: 803022
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.9
134 27.8 13.9 41.6



#90
Hexachloroethane
Concen: 52.950 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion: 117 Resp: 155098
Ion Ratio Lower Upper
117 100
201 88.2 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 45.211 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

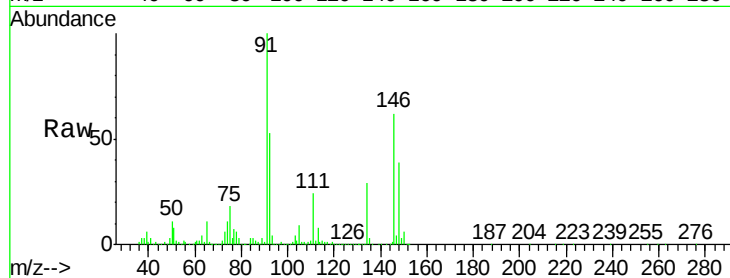
Tot Ion:146 Resp: 503170

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.3

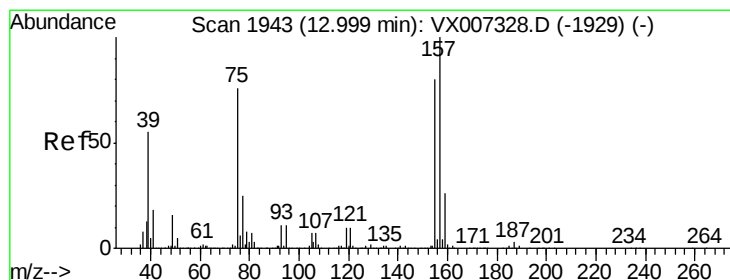
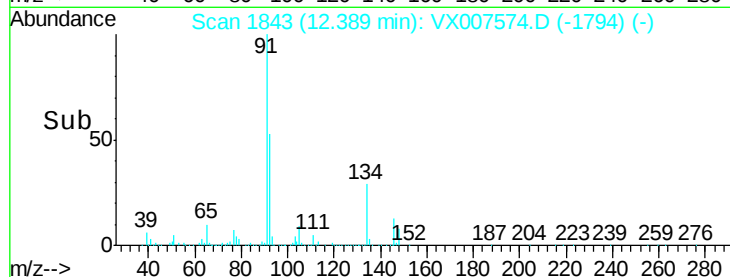
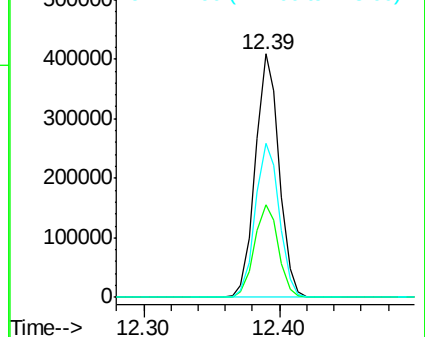
148 64.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.466 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

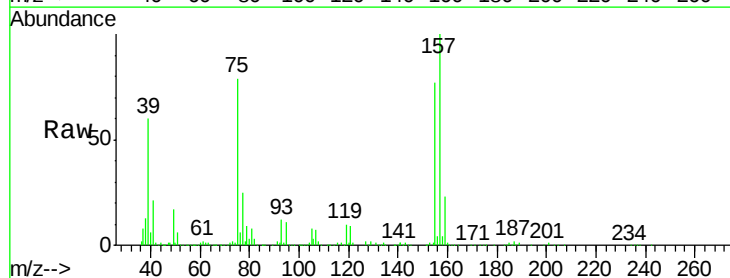
Tgt Ion: 75 Resp: 72129

Ion Ratio Lower Upper

75 100

155 98.9 49.6 149.0

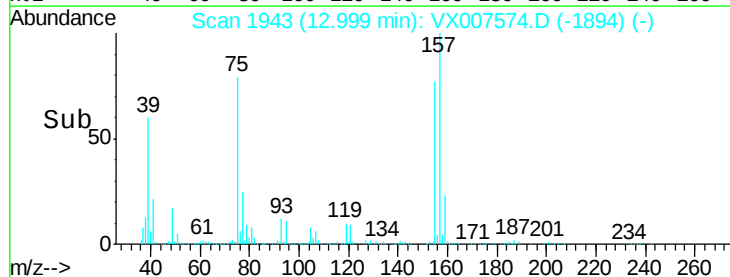
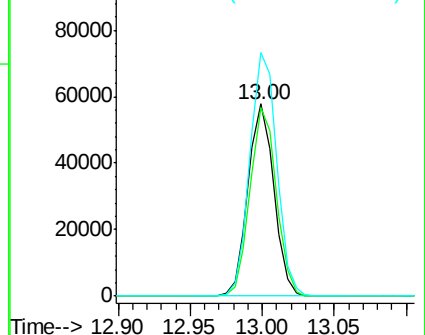
157 130.3 65.1 195.3

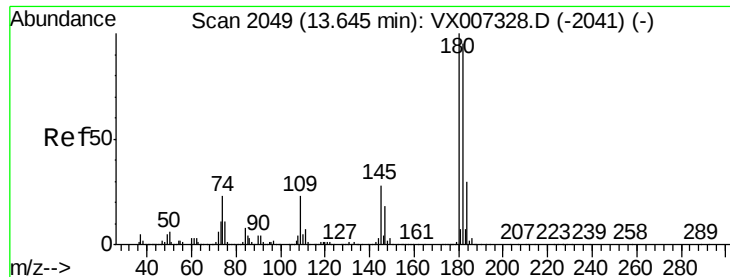


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

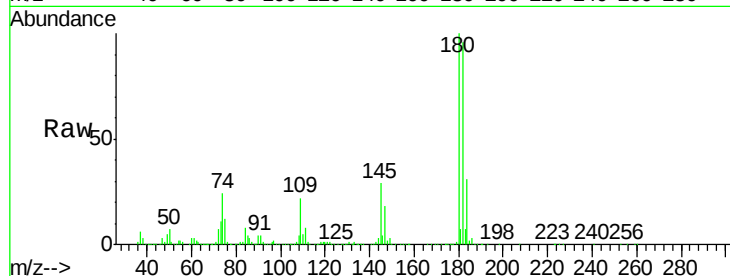




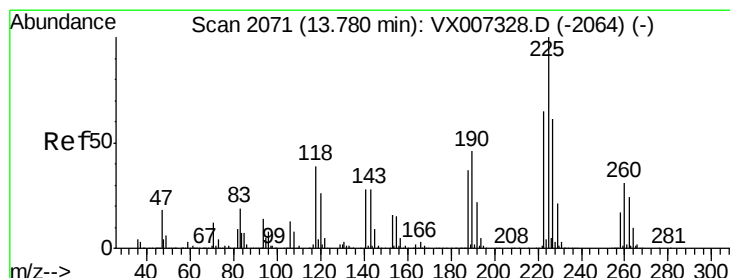
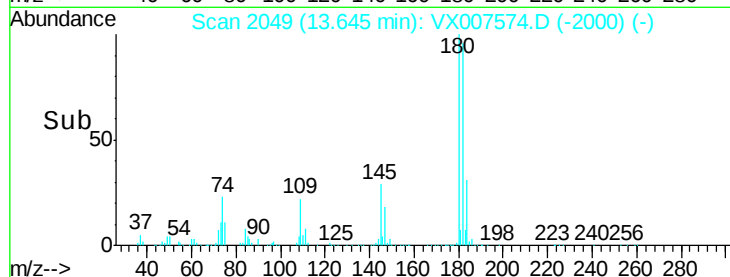
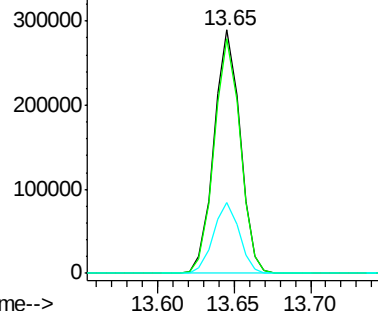
#93
 1,2,4-Trichlorobenzene
 Concen: 45.568 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.3
145	29.1	14.1	42.2

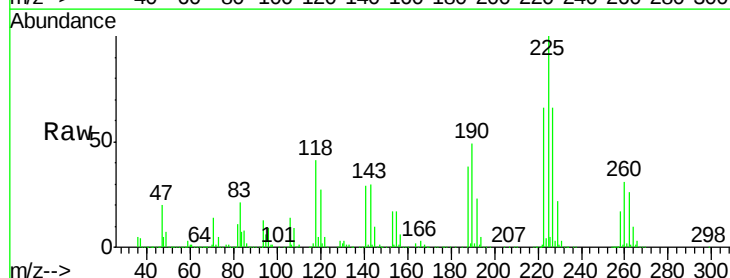


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

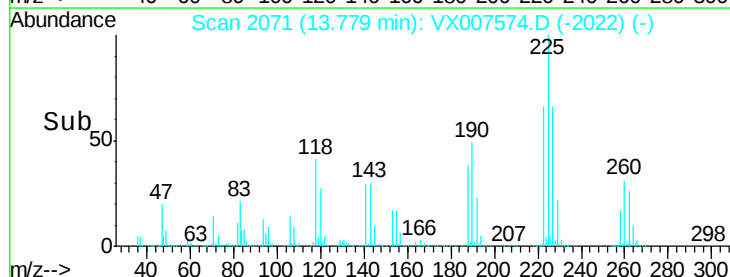
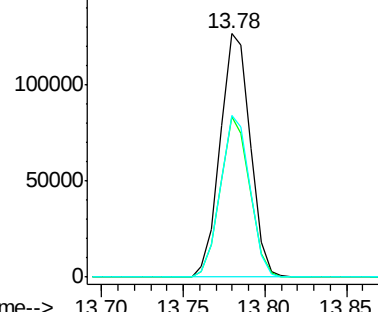


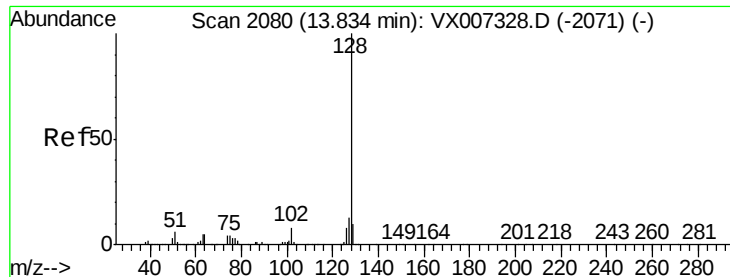
#94
 Hexachlorobutadiene
 Concen: 44.679 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.6	94.8
227	64.9	32.1	96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.868 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

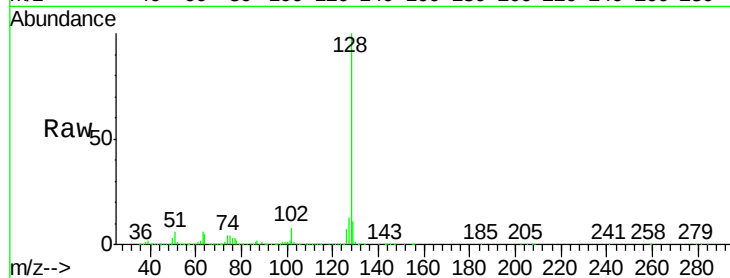
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:128 Resp: 1072588

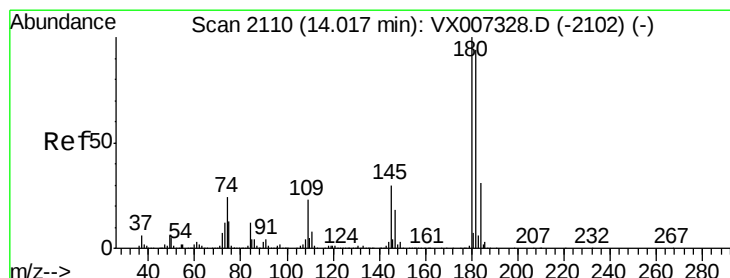
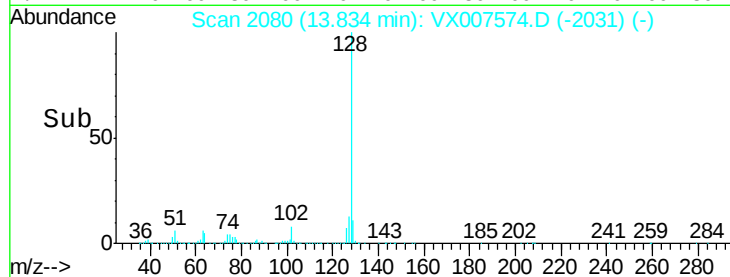
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.1	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.065 ug/l

RT: 14.02 min Scan# 2110

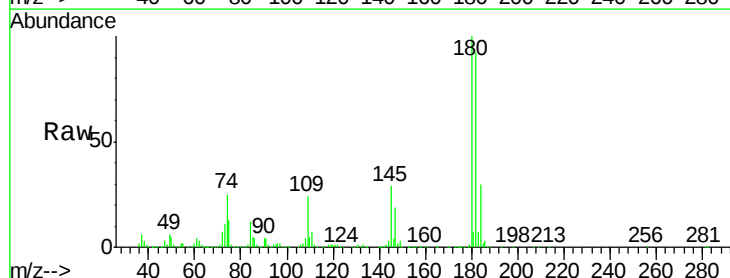
Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Tgt Ion:180 Resp: 348021

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.6
145	30.2	14.9	44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

