

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
 Data File : VX011874.D
 Acq On : 28 Aug 2019 16:18
 Operator : SY/SP
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 29 11:30:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 15:10:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	391735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	539907	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	480681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	255080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	162902	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
35) Dibromofluoromethane	5.49	113	153544	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
50) Toluene-d8	8.71	98	604900	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	224732	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	112979	46.517	ug/l	99
3) Chloromethane	1.32	50	134529	43.684	ug/l	100
4) Vinyl Chloride	1.40	62	132663	47.216	ug/l	99
5) Bromomethane	1.64	94	82832	50.275	ug/l	99
6) Chloroethane	1.72	64	77567	43.114	ug/l	100
7) Trichlorofluoromethane	1.92	101	224460	48.599	ug/l	100
8) Diethyl Ether	2.18	74	62424	44.325	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	145178	48.909	ug/l	99
10) Methyl Iodide	2.50	142	132555	43.427	ug/l	99
11) Tert butyl alcohol	3.03	59	48747	236.352	ug/l	100
12) 1,1-Dichloroethene	2.37	96	141027	48.019	ug/l	99
13) Acrolein	2.28	56	27823	212.299	ug/l	100
14) Allyl chloride	2.72	41	233898	47.161	ug/l	99
15) Acrylonitrile	3.14	53	163670	218.672	ug/l	100
16) Acetone	2.43	43	240174	241.473	ug/l	100
17) Carbon Disulfide	2.56	76	426956	48.158	ug/l	99
18) Methyl Acetate	2.76	43	87469	45.159	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	346495	43.408	ug/l	100
20) Methylene Chloride	2.85	84	154921	46.810	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	157685	47.483	ug/l	98
22) Diisopropyl ether	3.84	45	432523	43.921	ug/l	93
23) Vinyl Acetate	3.81	43	1002571	231.314	ug/l	99
24) 1,1-Dichloroethane	3.69	63	268444	46.227	ug/l	99
25) 2-Butanone	4.66	43	231496	227.314	ug/l	99
26) 2,2-Dichloropropane	4.57	77	232134	49.022	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	171636	45.303	ug/l	99
28) Bromochloromethane	5.00	49	118407	45.415	ug/l	98
29) Tetrahydrofuran	5.12	42	131427	218.073	ug/l	99
30) Chloroform	5.20	83	270930	44.586	ug/l	98
31) Cyclohexane	5.57	56	239226	47.313	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	259313	47.457	ug/l	99
36) 1,1-Dichloropropene	5.79	75	217465	48.967	ug/l	99
37) Ethyl Acetate	4.82	43	84170	45.073	ug/l	100
38) Carbon Tetrachloride	5.77	117	215779	49.865	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	254107	46.817	ug/l	99
40) Benzene	6.13	78	600061	46.843	ug/l	100
41) Methacrylonitrile	5.03	41	56783	44.825	ug/l	98
42) 1,2-Dichloroethane	6.18	62	182619	44.898	ug/l	99
43) Isopropyl Acetate	6.43	43	159405	43.447	ug/l	99
44) Trichloroethene	7.21	130	198137	46.012	ug/l	95
45) 1,2-Dichloropropane	7.51	63	143877	45.137	ug/l	98
46) Dibromomethane	7.65	93	83438	44.183	ug/l	99
47) Bromodichloromethane	7.89	83	203083	45.736	ug/l	100
48) Methyl methacrylate	7.76	41	79876	43.534	ug/l	99
49) 1,4-Dioxane	7.73	88	17663	893.424	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	359696	243.385	ug/l	100
52) Toluene	8.78	92	386460	46.814	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	176077	46.542	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	221777	46.433	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	111044	45.122	ug/l	98
56) Ethyl methacrylate	9.17	69	106920	44.559	ug/l	99
57) 1,3-Dichloropropane	9.37	76	184460	45.098	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	189008	245.668	ug/l	99
59) 2-Hexanone	9.49	43	250135	264.850	ug/l	99
60) Dibromochloromethane	9.58	129	149309	45.593	ug/l	99
61) 1,2-Dibromoethane	9.66	107	106747	44.301	ug/l	98
64) Tetrachloroethene	9.33	164	218269	46.663	ug/l	95
65) Chlorobenzene	10.13	112	411065	46.176	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	152347	46.649	ug/l	100
67) Ethyl Benzene	10.25	91	721147	47.161	ug/l	99
68) m/p-Xylenes	10.35	106	552292	94.884	ug/l	100
69) o-Xylene	10.69	106	258820	47.254	ug/l	99
70) Styrene	10.71	104	427547	47.198	ug/l	100
71) Bromoform	10.85	173	97605	46.124	ug/l #	97
73) Isopropylbenzene	11.01	105	692334	47.002	ug/l	100
74) N-amyl acetate	6.43	43	159405	42.974	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	109226	44.316	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	101169	51.637	ug/l	90
77) Bromobenzene	11.25	156	187131	45.570	ug/l	99
78) n-propylbenzene	11.35	91	767864	47.389	ug/l	100
79) 2-Chlorotoluene	11.41	91	463591	45.655	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	574197	46.463	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23954	45.005	ug/l	97
82) 4-Chlorotoluene	11.51	91	548316	46.579	ug/l	99
83) tert-Butylbenzene	11.77	119	540537	47.065	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	552548	47.133	ug/l	99
85) sec-Butylbenzene	11.94	105	632145	47.381	ug/l	99
86) p-Isopropyltoluene	12.06	119	584233	47.542	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	339495	46.041	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	326331	45.696	ug/l	100
89) n-Butylbenzene	12.38	91	488887	47.955	ug/l	100
90) Hexachloroethane	12.59	117	91082	46.186	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	291119	46.247	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14414	41.537	ug/l	99

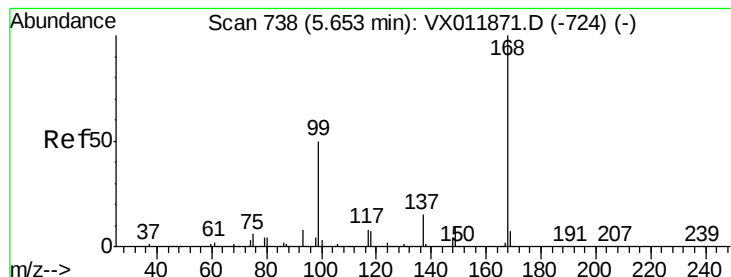
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	210973	48.291	ug/l	99
94) Hexachlorobutadiene	13.78	225	141284	44.354	ug/l	99
95) Naphthalene	13.83	128	274983	52.350	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	173162	48.851	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

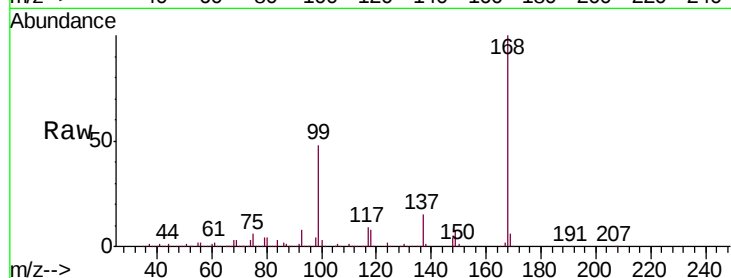
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 391735

Ion Ratio Lower Upper

168 100

99 47.4 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

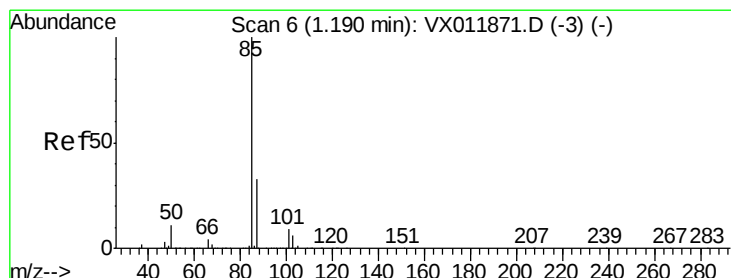
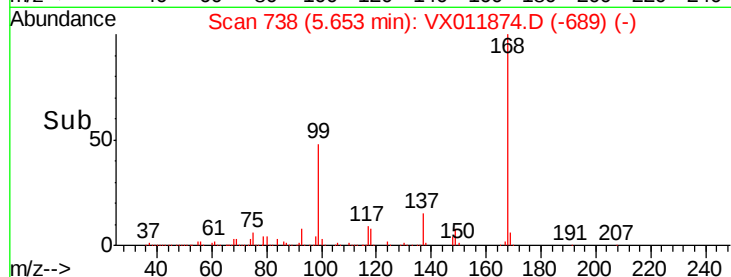
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.517 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011874.D

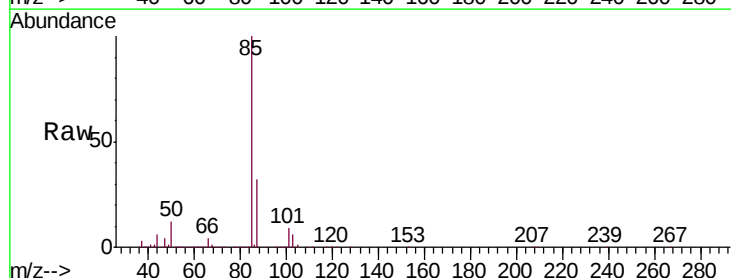
Acq: 28 Aug 2019 16:18

Tgt Ion: 85 Resp: 112979

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

60000

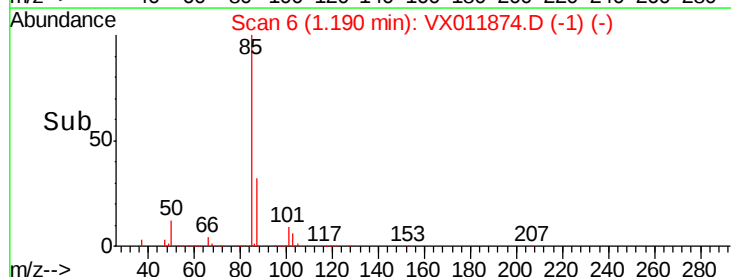
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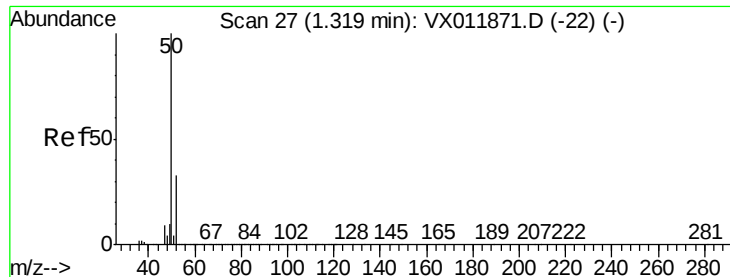
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.684 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

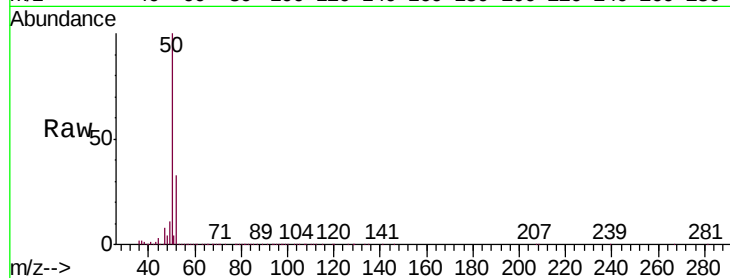
ClientSampled :

Tot Ion: 50 Resp: 134529

Ion Ratio Lower Upper

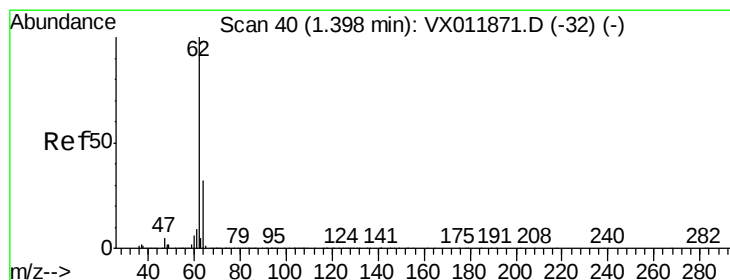
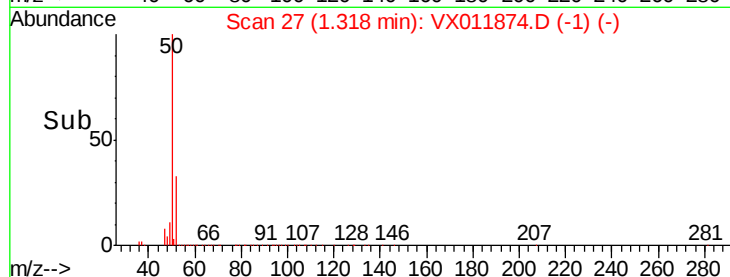
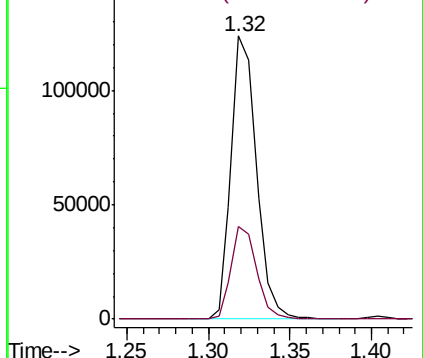
50 100

52 32.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.216 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011874.D

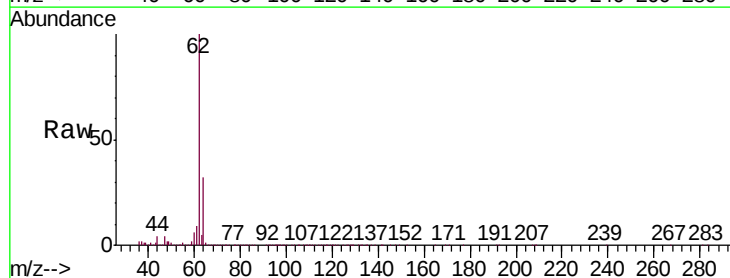
Acq: 28 Aug 2019 16:18

Tgt Ion: 62 Resp: 132663

Ion Ratio Lower Upper

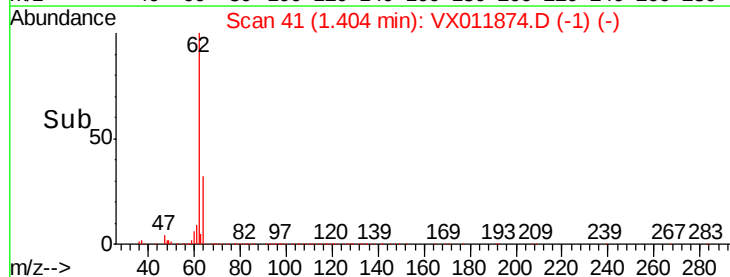
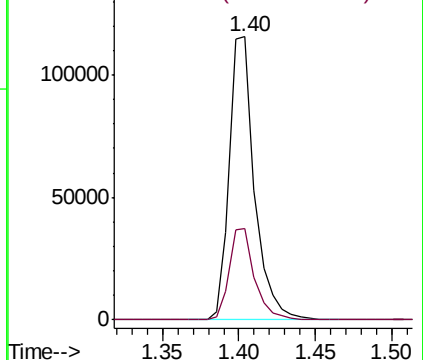
62 100

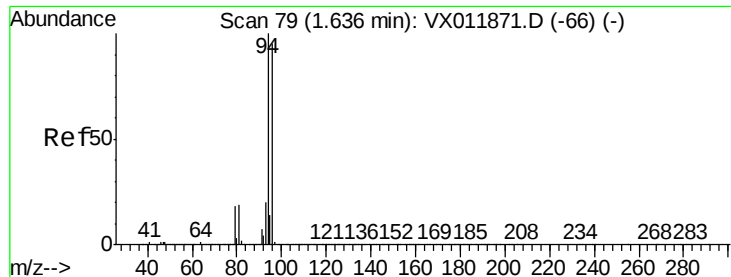
64 32.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.275 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

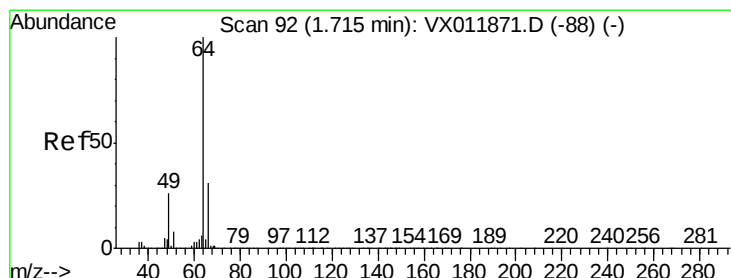
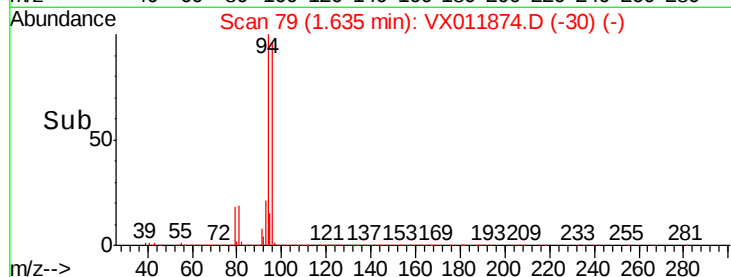
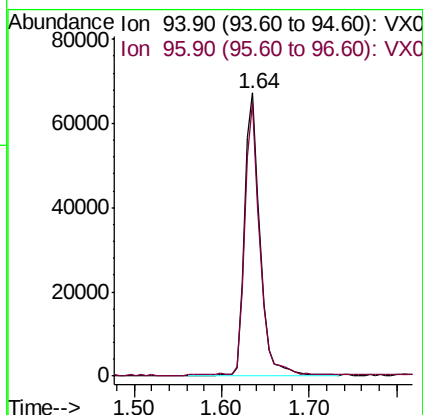
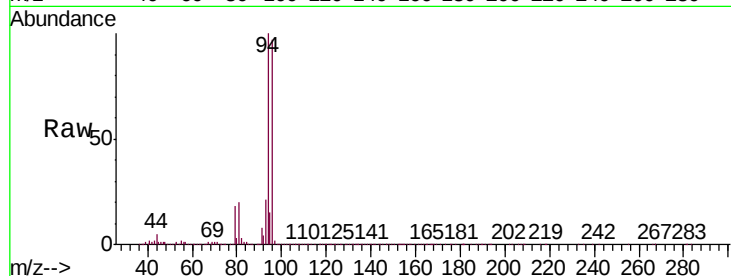
ClientSampleId :

Tot Ion: 94 Resp: 82832

Ion Ratio Lower Upper

94 100

96 96.3 76.0 114.0



#6

Chloroethane

Concen: 43.114 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX011874.D

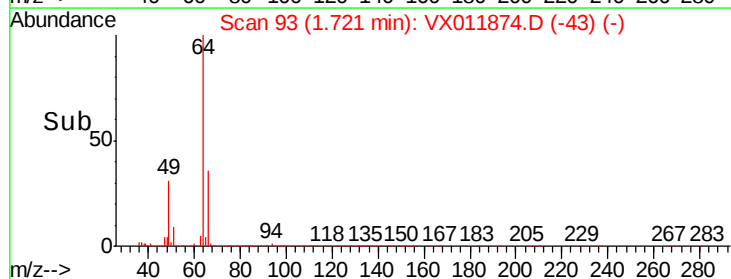
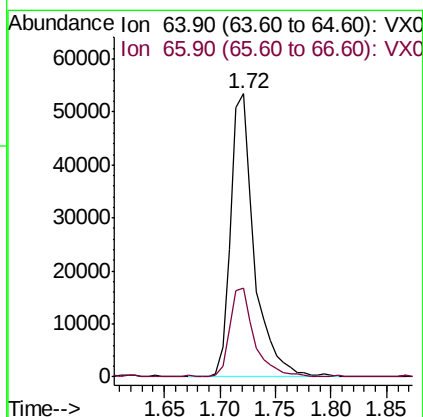
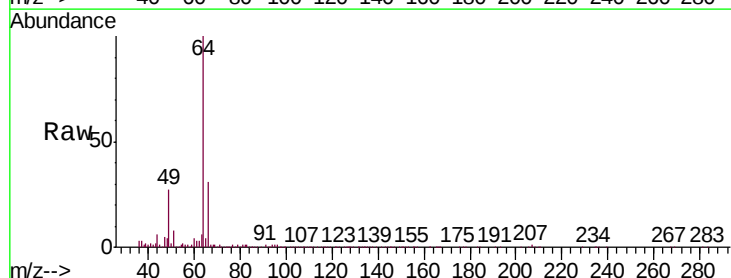
Acq: 28 Aug 2019 16:18

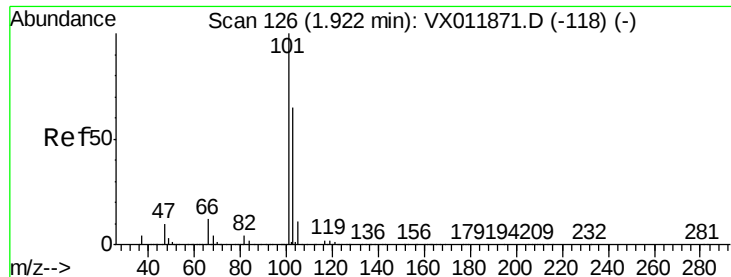
Tgt Ion: 64 Resp: 77567

Ion Ratio Lower Upper

64 100

66 31.0 25.0 37.4



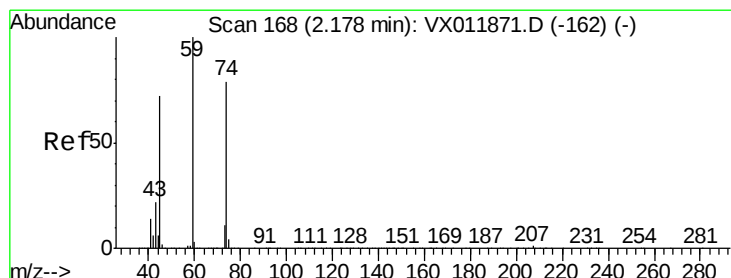
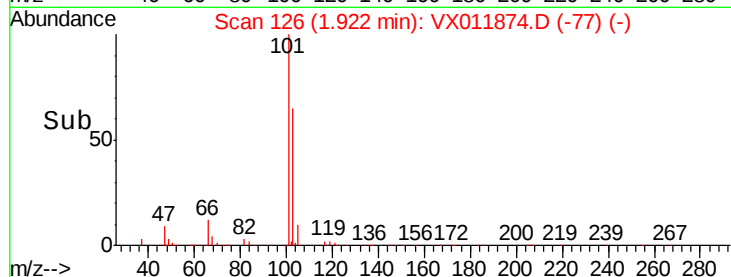
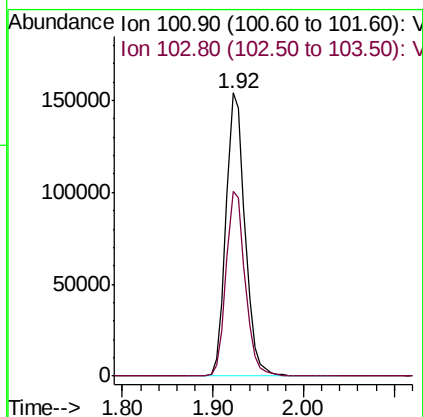
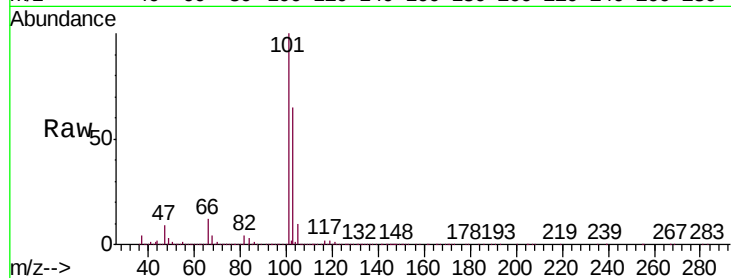


#7

Trichlorofluoromethane
Concen: 48.599 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :

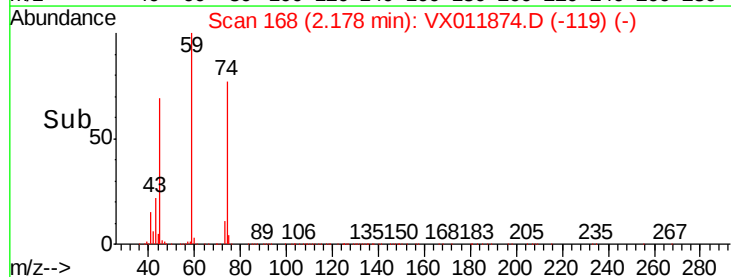
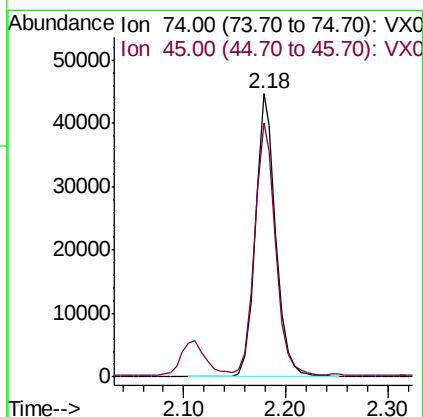
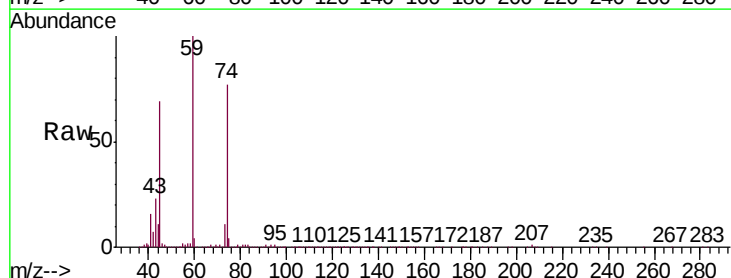
Tot Ion:101 Resp: 224460
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8

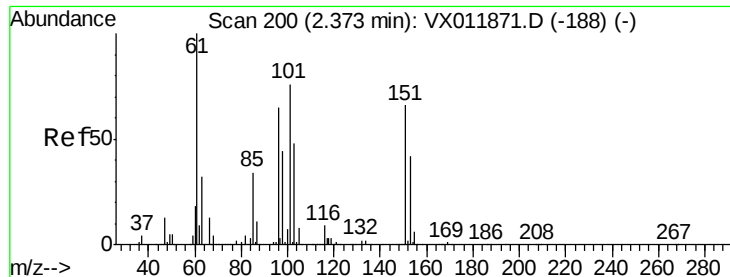


#8

Diethyl Ether
Concen: 44.325 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

Tgt Ion: 74 Resp: 62424
Ion Ratio Lower Upper
74 100
45 91.7 47.1 141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.909 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

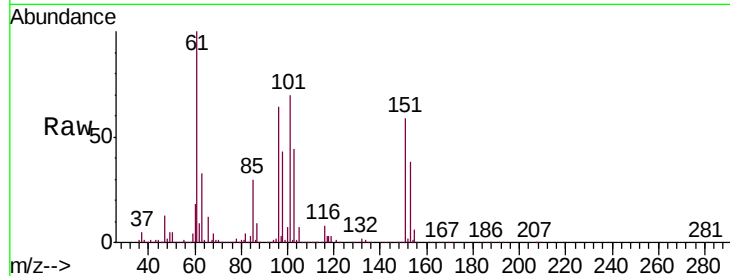
Tot Ion:101 Resp: 145178

Ion Ratio Lower Upper

101 100

85 42.7 34.5 51.7

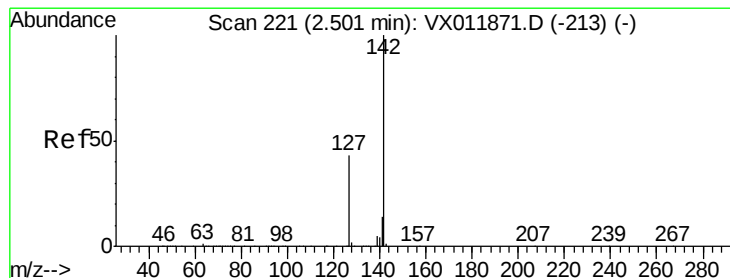
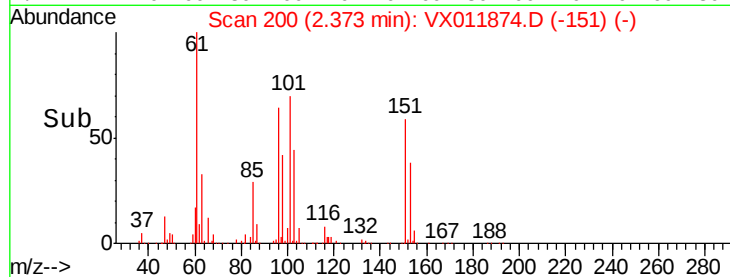
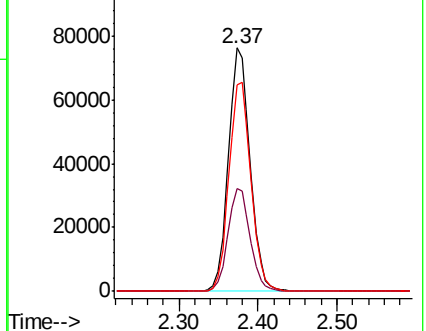
151 87.7 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.427 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

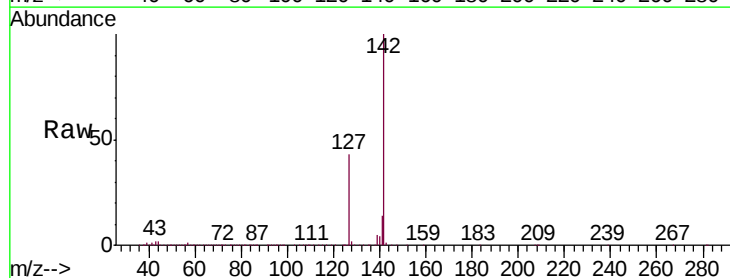
Tgt Ion:142 Resp: 132555

Ion Ratio Lower Upper

142 100

127 43.7 34.5 51.7

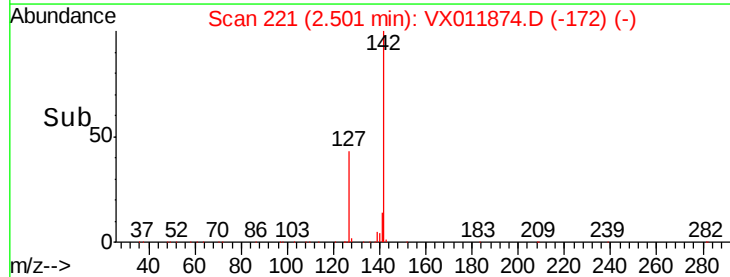
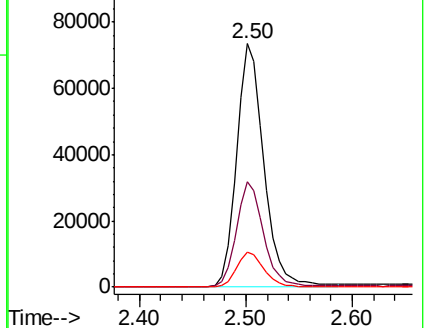
141 14.6 11.6 17.4

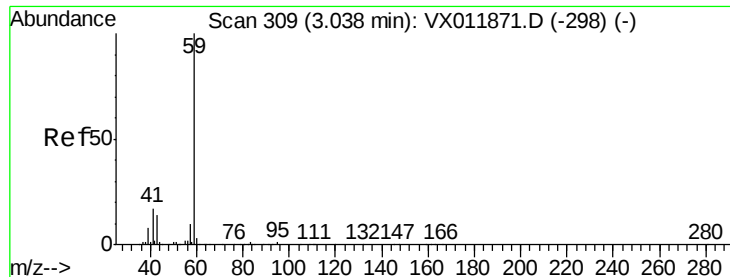


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



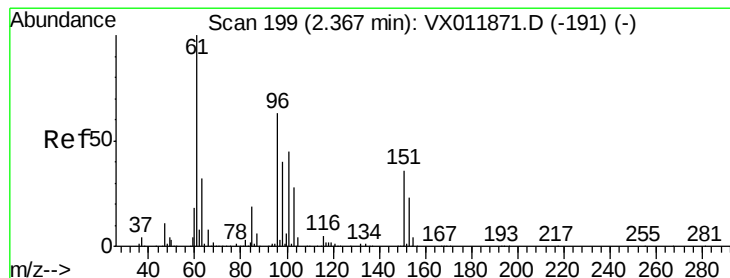
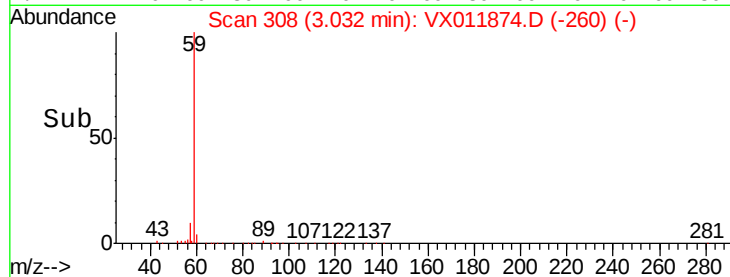
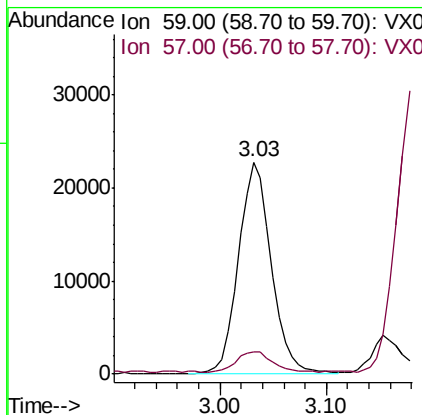
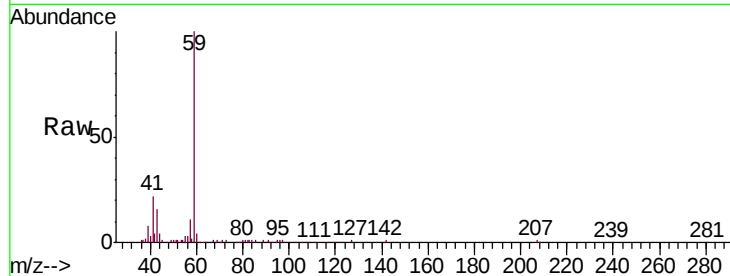


#11

Tert butyl alcohol
Concen: 236.352 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :

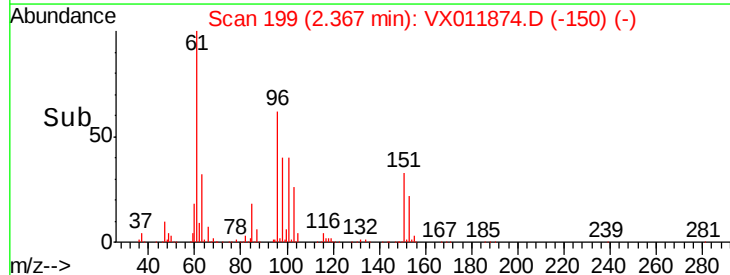
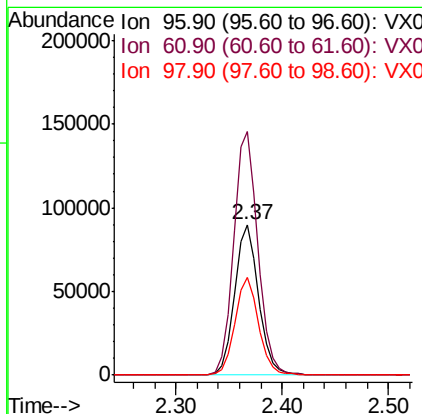
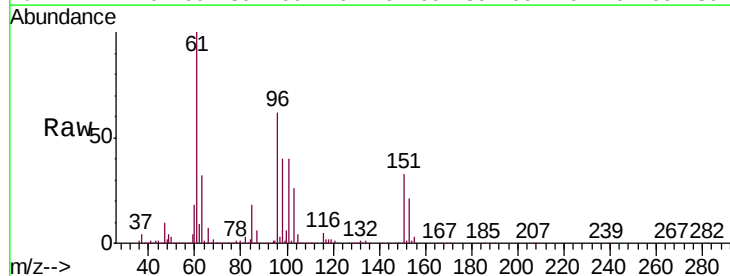
Tot Ion: 59 Resp: 48747
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

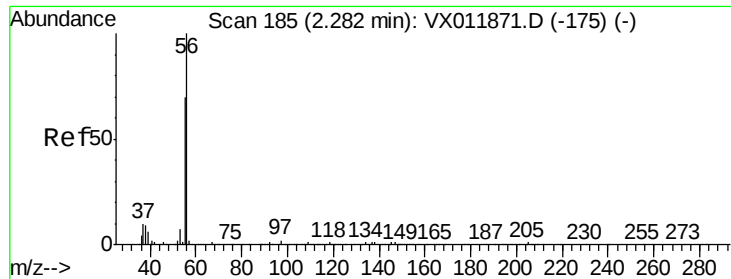


#12

1,1-Dichloroethene
Concen: 48.019 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

Tgt Ion: 96 Resp: 141027
Ion Ratio Lower Upper
96 100
61 162.1 128.0 192.0
98 65.1 51.4 77.2

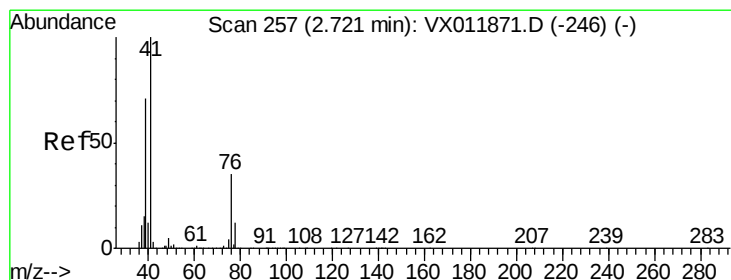
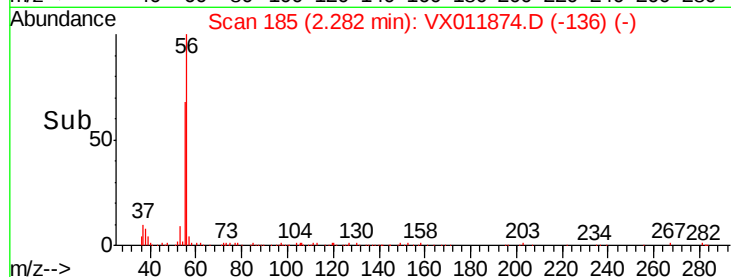
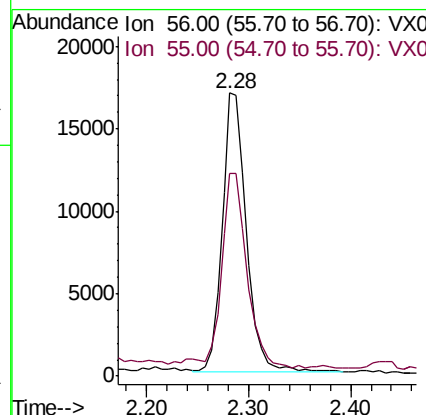
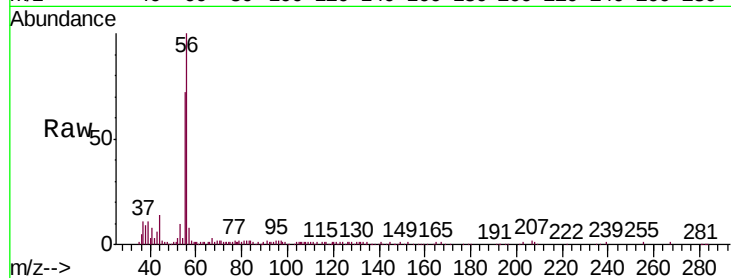




#13
Acrolein
Concen: 212.299 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

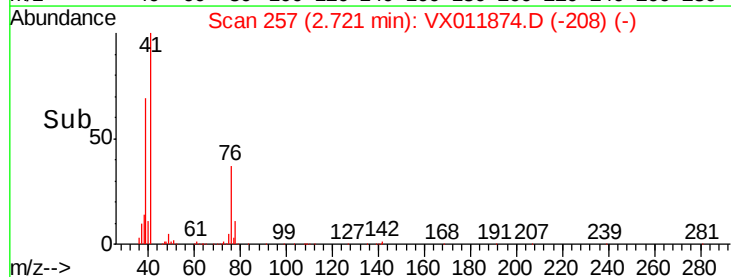
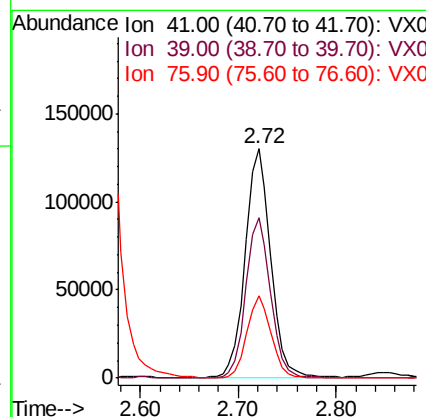
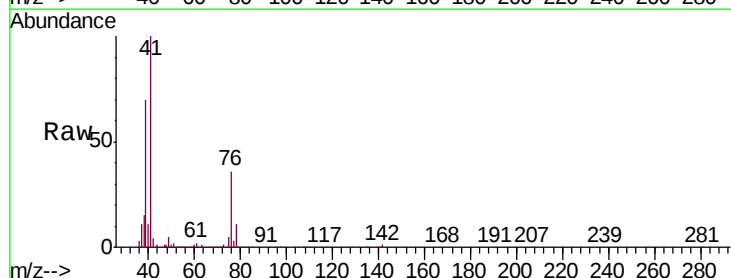
Instrument :
MSVOA_X
ClientSampleId :

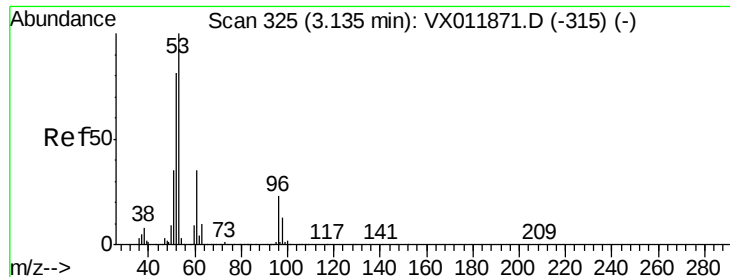
Tot Ion: 56 Resp: 27823
Ion Ratio Lower Upper
56 100
55 75.3 60.2 90.4



#14
Allyl chloride
Concen: 47.161 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

Tgt Ion: 41 Resp: 233898
Ion Ratio Lower Upper
41 100
39 67.6 54.6 82.0
76 34.0 27.1 40.7





#15

Acrylonitrile

Concen: 218.672 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

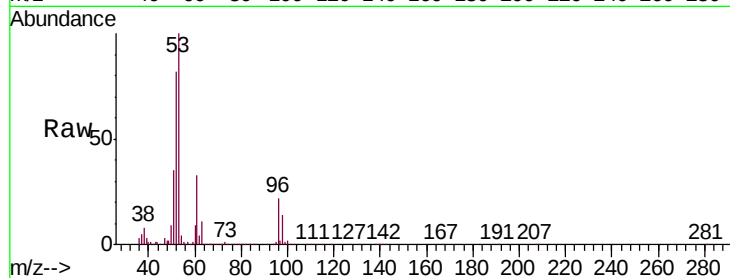
Tot Ion: 53 Resp: 163670

Ion Ratio Lower Upper

53 100

52 82.1 65.3 97.9

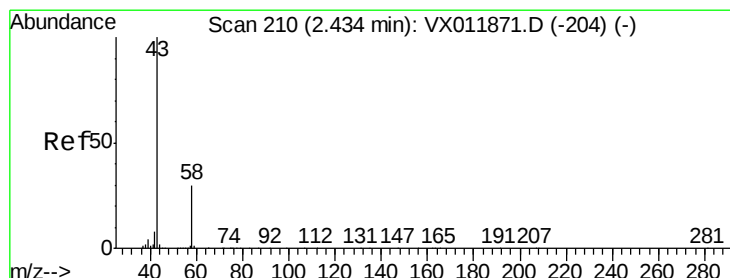
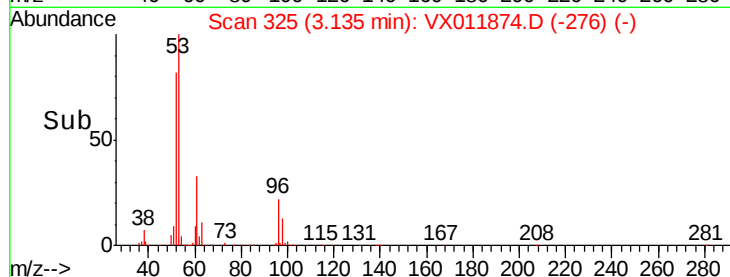
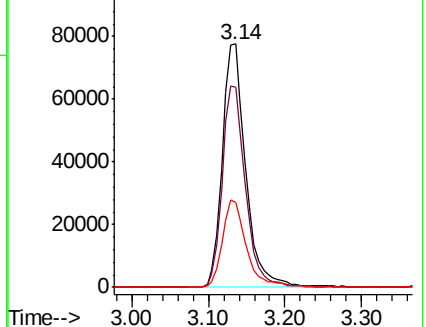
51 36.4 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 241.473 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011874.D

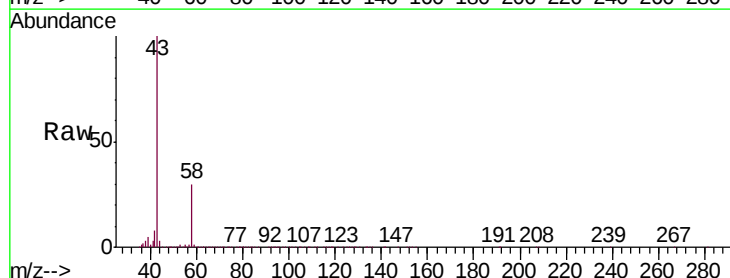
Acq: 28 Aug 2019 16:18

Tgt Ion: 43 Resp: 240174

Ion Ratio Lower Upper

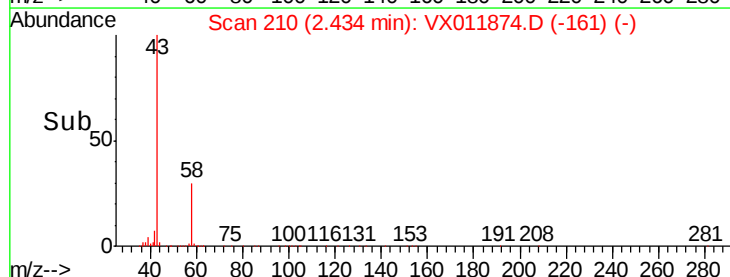
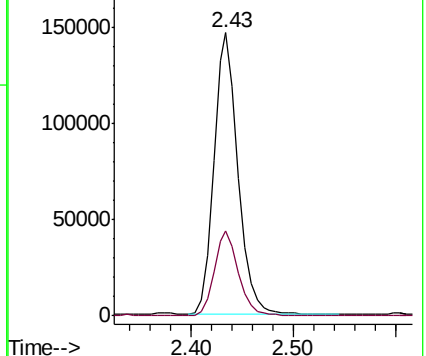
43 100

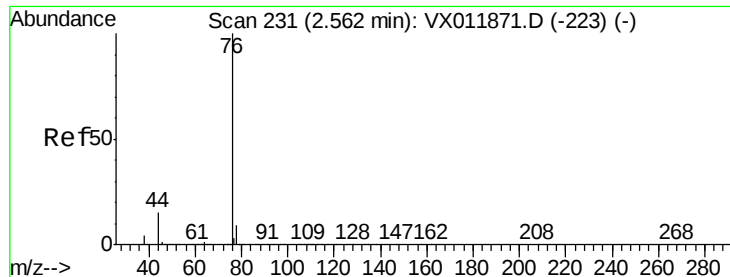
58 30.1 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.158 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

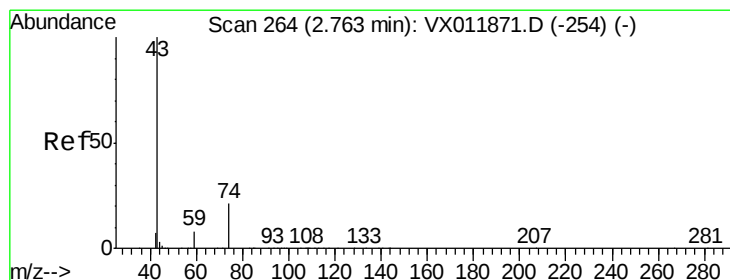
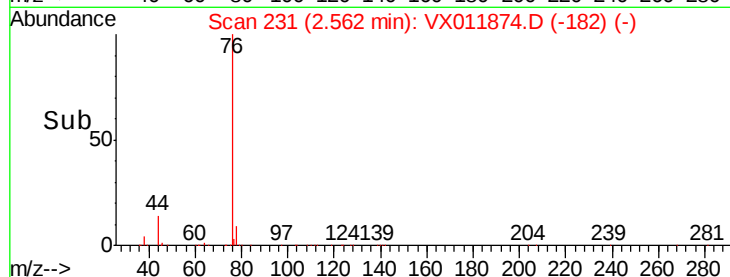
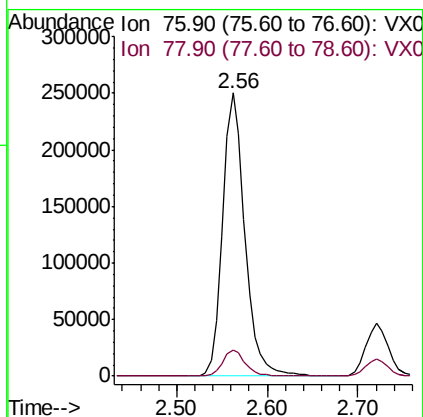
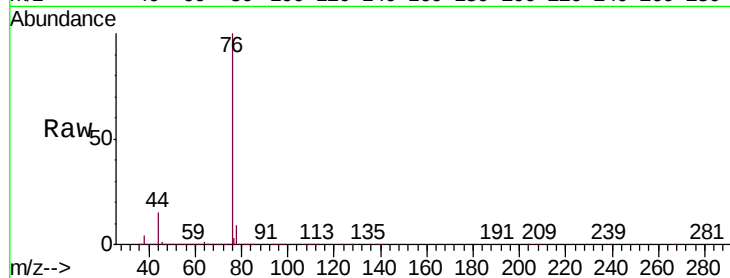
ClientSampled :

Tot Ion: 76 Resp: 426956

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



#18

Methyl Acetate

Concen: 45.159 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011874.D

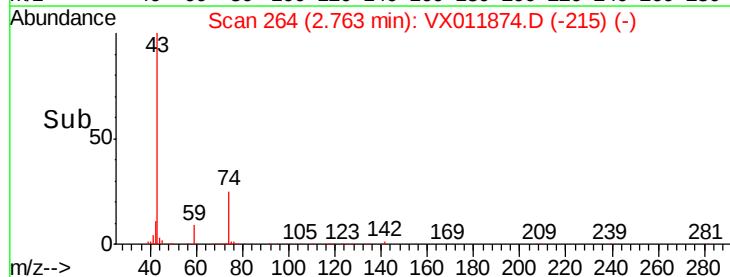
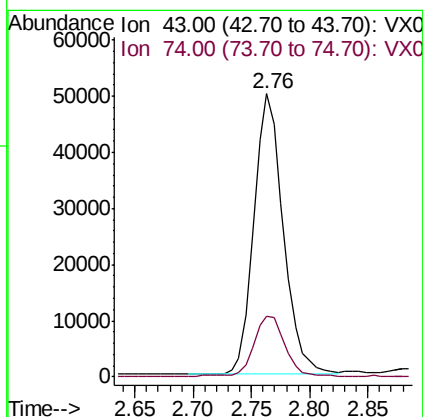
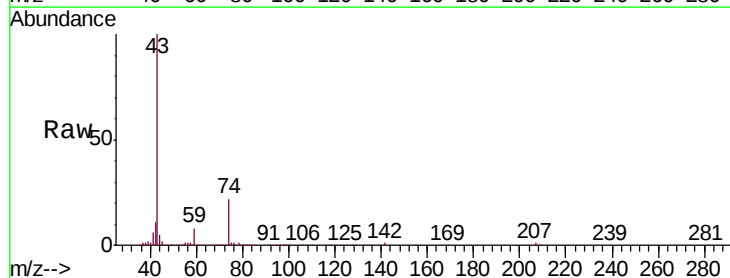
Acq: 28 Aug 2019 16:18

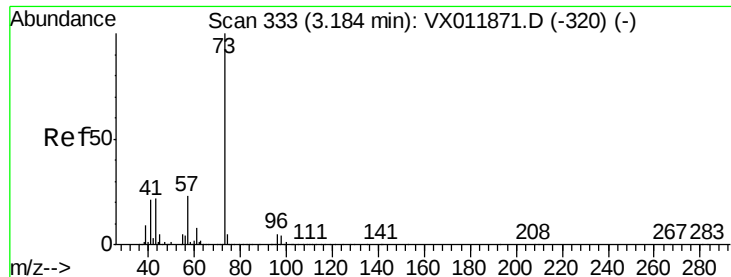
Tgt Ion: 43 Resp: 87469

Ion Ratio Lower Upper

43 100

74 23.8 18.6 28.0

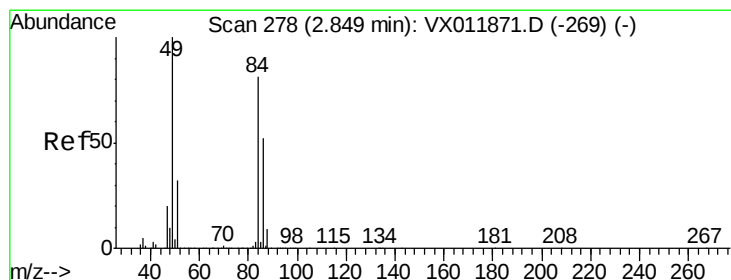
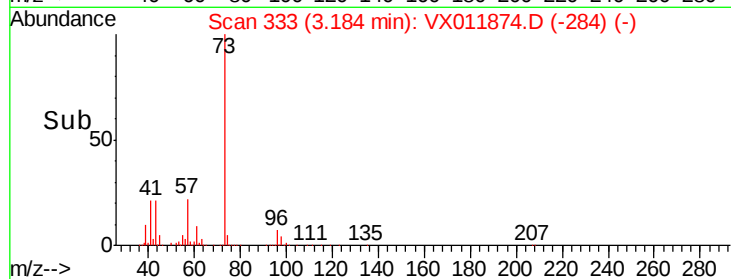
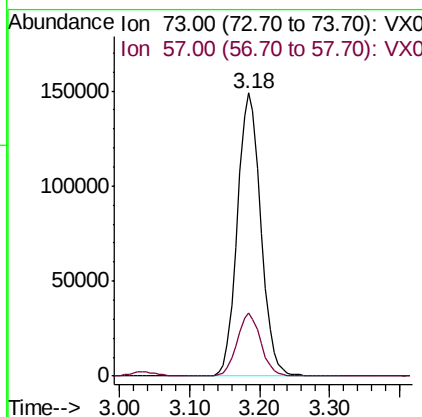
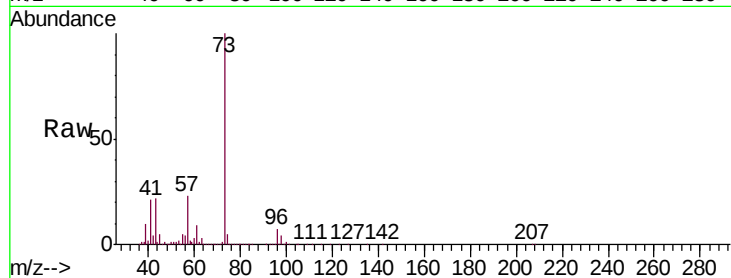




#19
Methyl tert-butyl Ether
Concen: 43.408 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

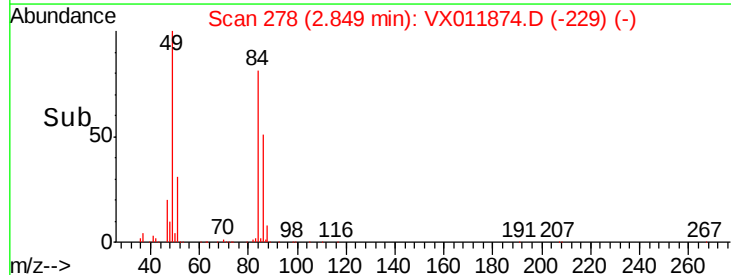
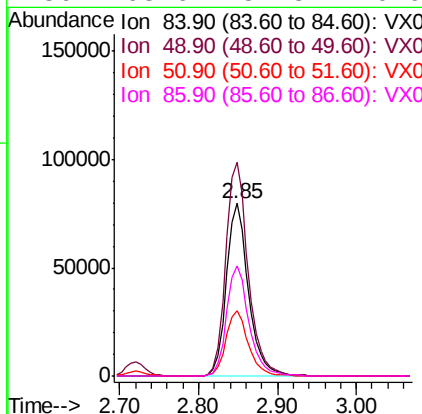
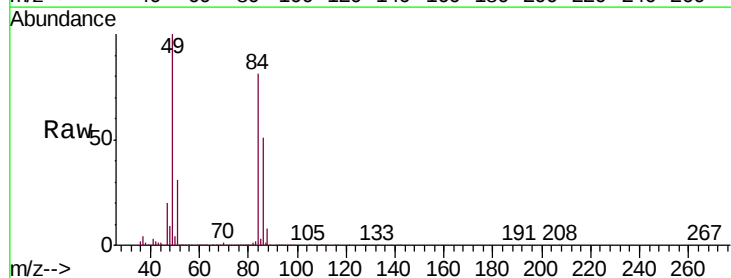
Instrument :
MSVOA_X
ClientSampleId :

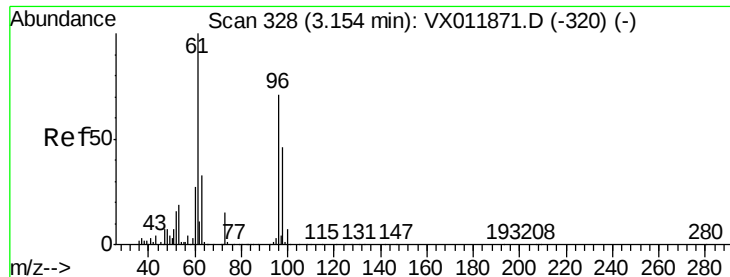
Tot Ion: 73 Resp: 346495
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1



#20
Methylene Chloride
Concen: 46.810 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

Tgt Ion: 84 Resp: 154921
Ion Ratio Lower Upper
84 100
49 123.8 98.9 148.3
51 37.8 31.4 47.2
86 63.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 47.483 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

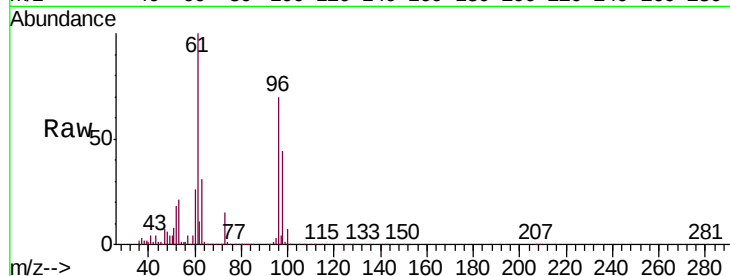
Tot Ion: 96 Resp: 157685

Ion Ratio Lower Upper

96 100

61 142.9 111.9 167.9

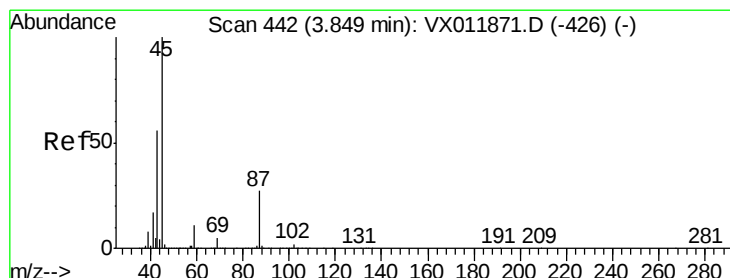
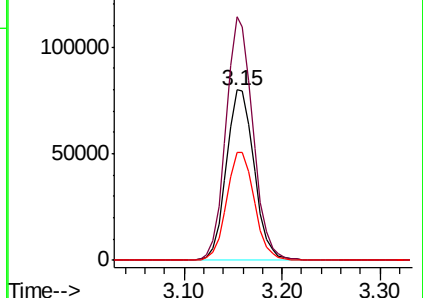
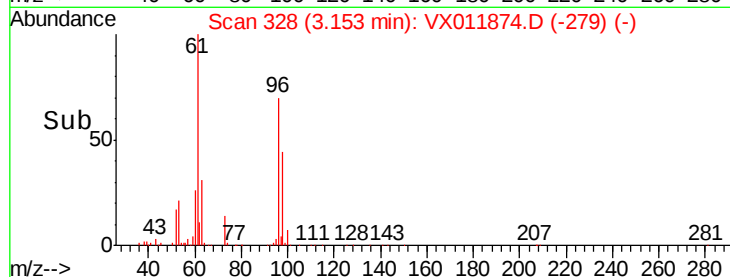
98 63.4 51.7 77.5



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: 43.921 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Tgt Ion: 45 Resp: 432523

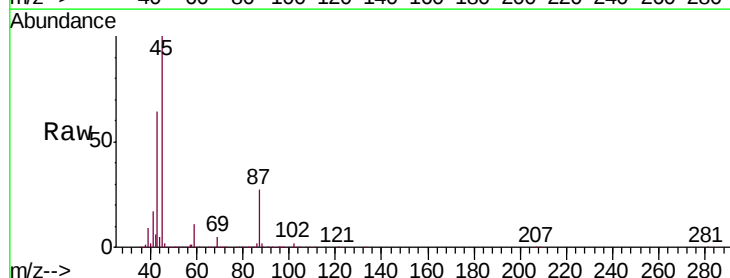
Ion Ratio Lower Upper

45 100

43 64.0 44.7 67.1

87 27.0 21.5 32.3

59 11.2 9.1 13.7

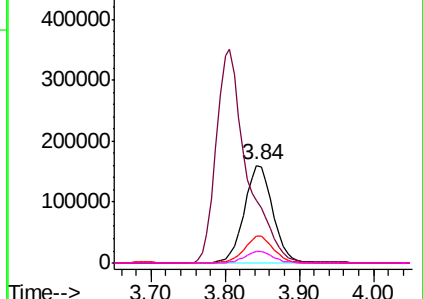
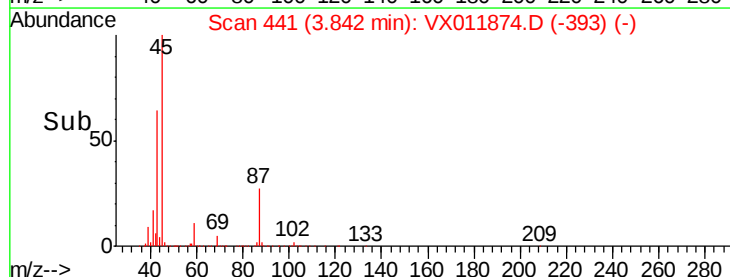


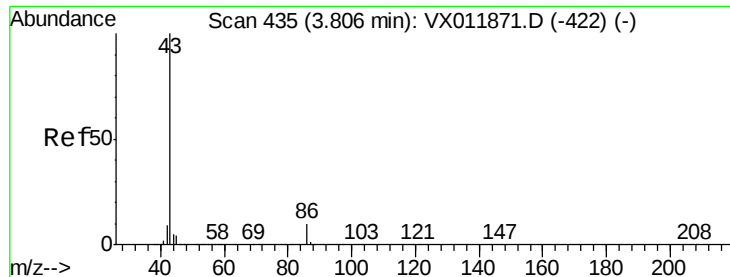
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 231.314 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

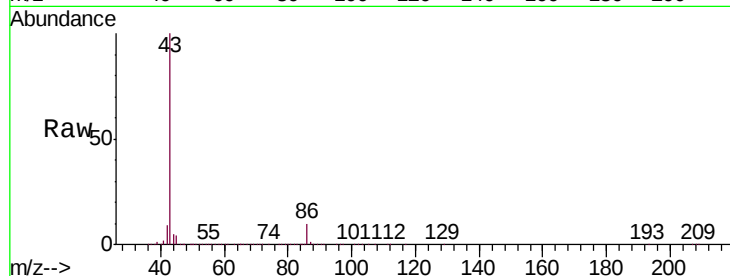
ClientSampleId :

Tot Ion: 43 Resp: 1002571

Ion Ratio Lower Upper

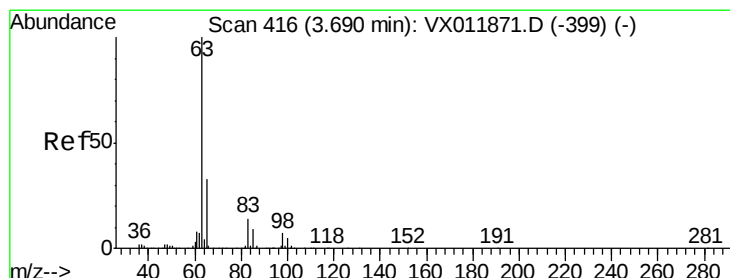
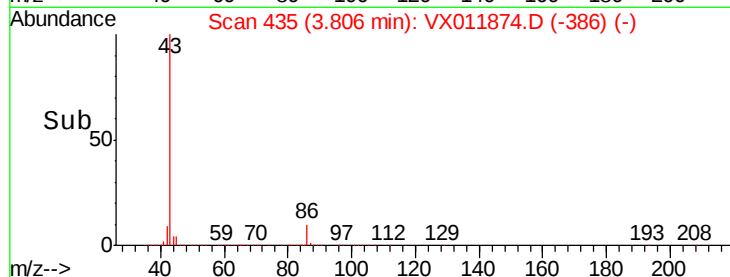
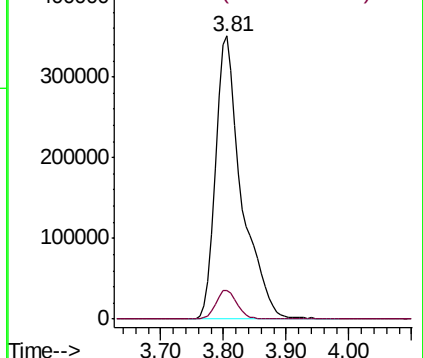
43 100

86 10.4 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.227 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

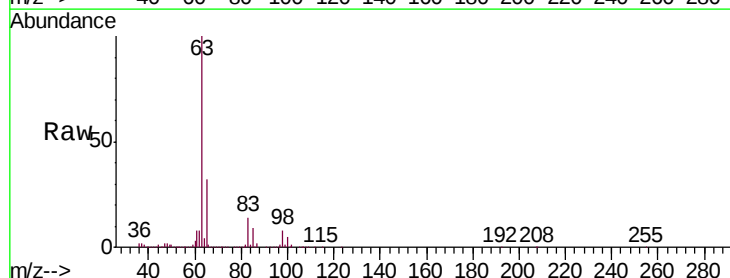
Tgt Ion: 63 Resp: 268444

Ion Ratio Lower Upper

63 100

98 7.8 3.7 11.1

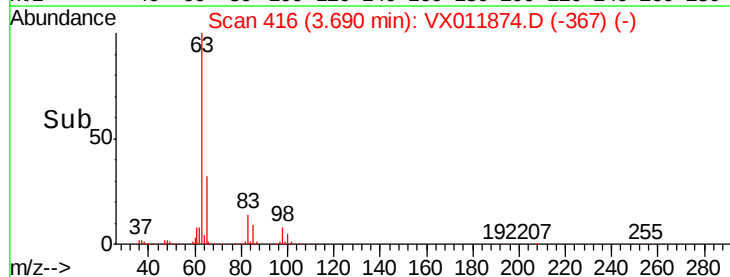
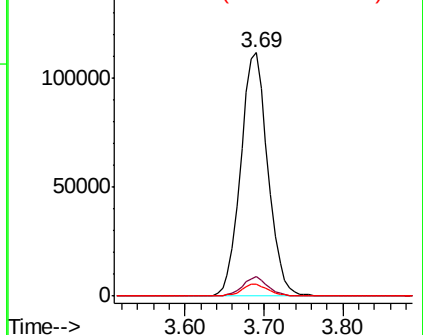
100 4.9 2.5 7.6

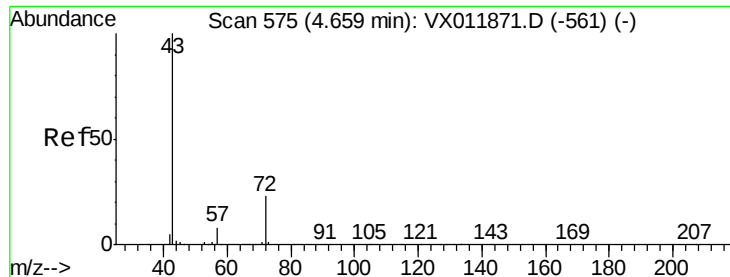


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 227.314 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

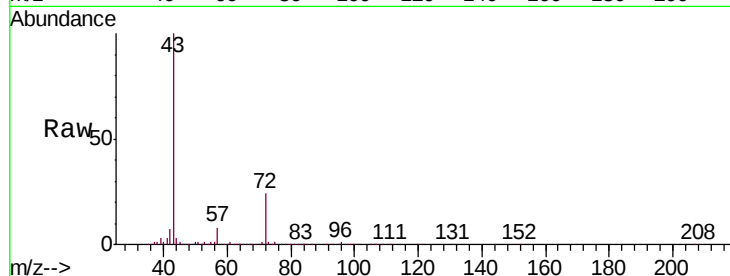
ClientSampleId :

Tot Ion: 43 Resp: 231496

Ion Ratio Lower Upper

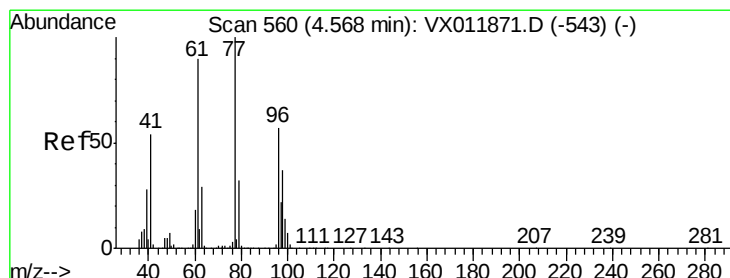
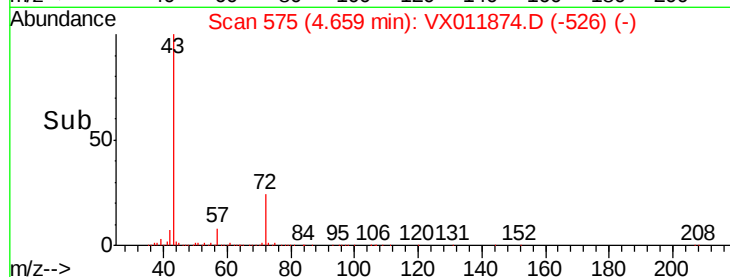
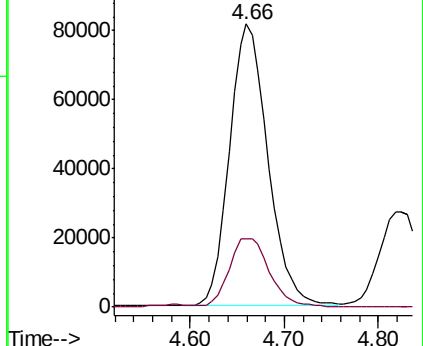
43 100

72 24.3 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.022 ug/l

RT: 4.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VX011874.D

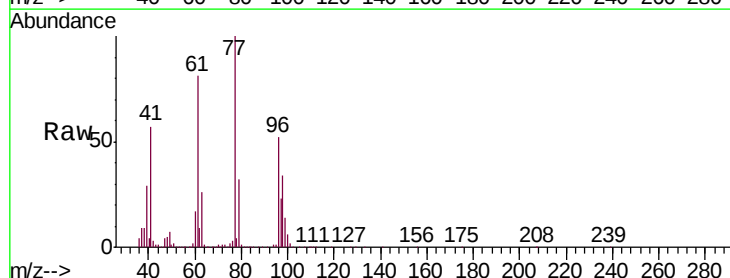
Acq: 28 Aug 2019 16:18

Tgt Ion: 77 Resp: 232134

Ion Ratio Lower Upper

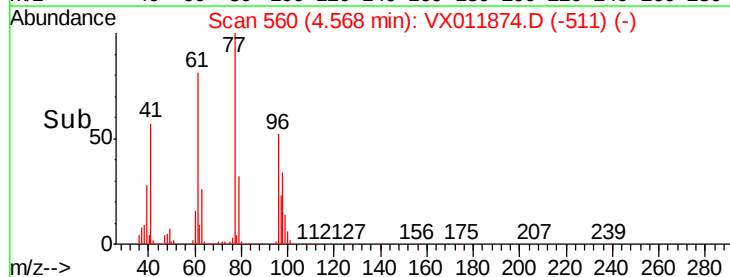
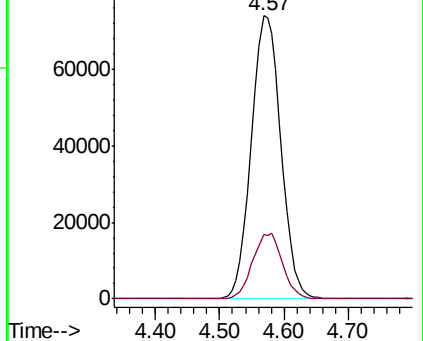
77 100

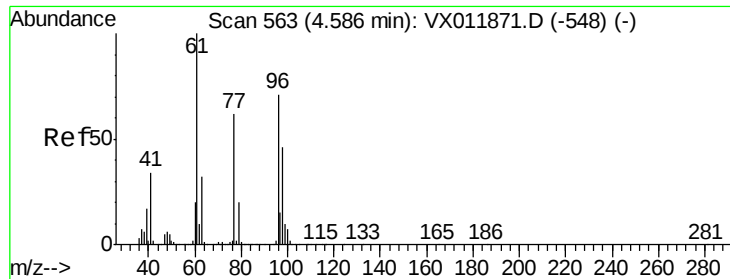
97 23.1 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



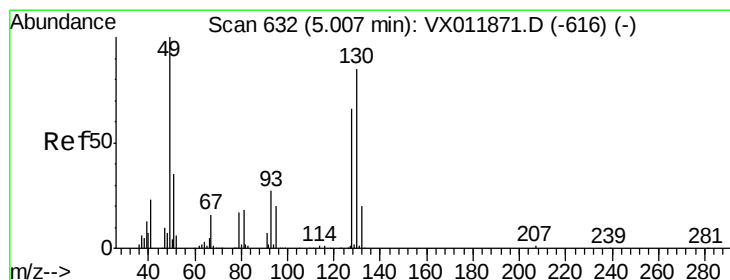
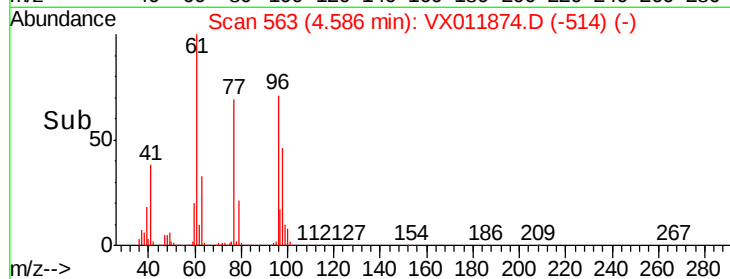
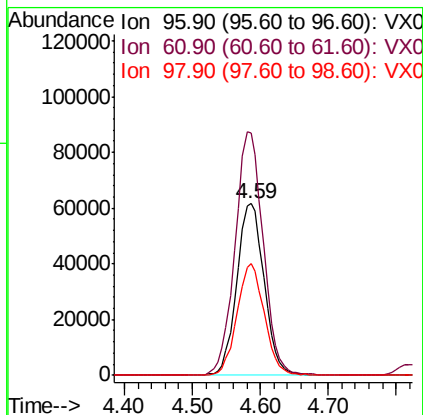
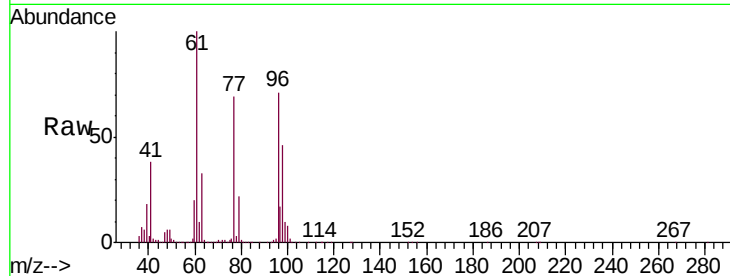


#27

cis-1,2-Dichloroethene
Concen: 45.303 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :

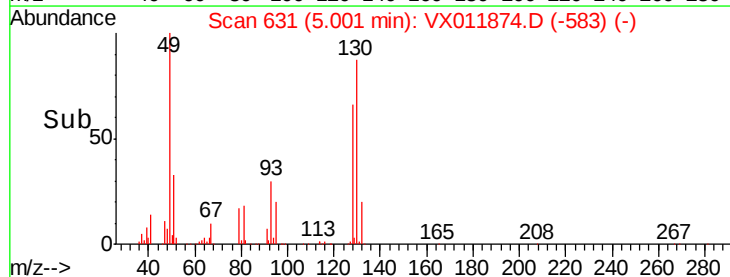
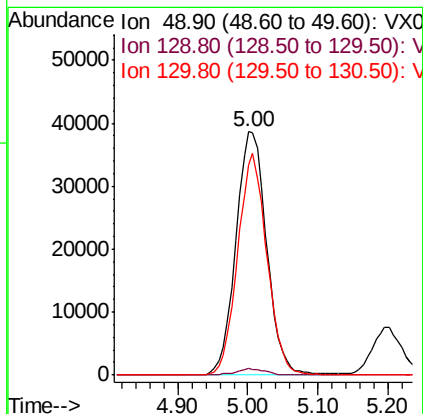
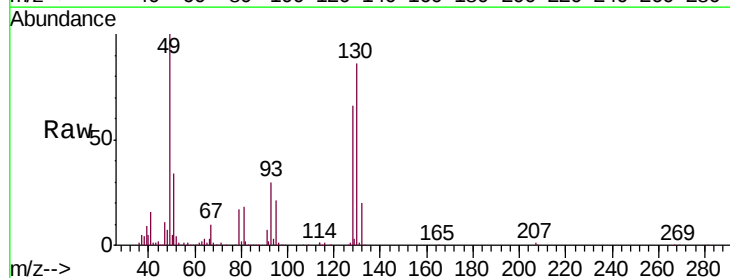
Tot Ion	96	Resp	171636
Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	288.8
98	65.0	0.0	129.6

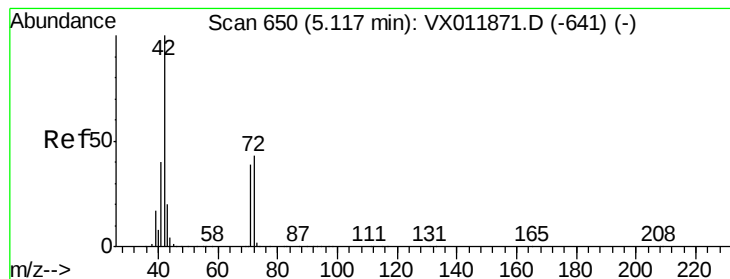


#28

Bromochloromethane
Concen: 45.415 ug/l
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

Tgt Ion	49	Resp	118407
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	86.1	67.3	100.9





#29

Tetrahydrofuran

Concen: 218.073 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :

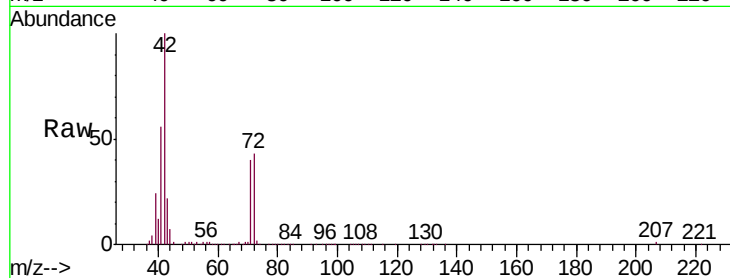
Tot Ion: 42 Resp: 131427

Ion Ratio Lower Upper

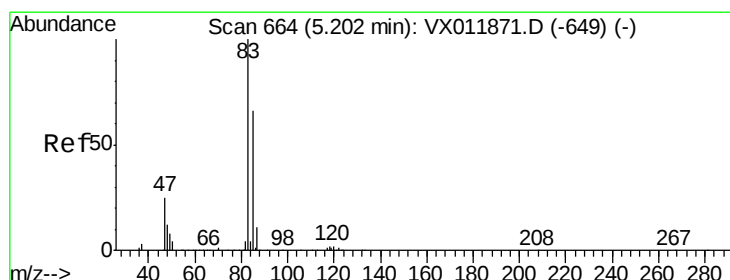
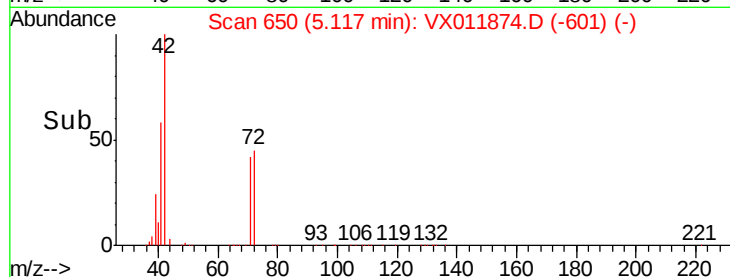
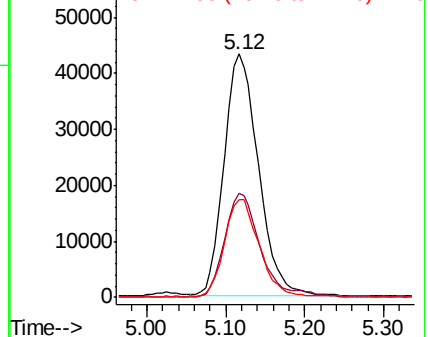
42 100

72 45.0 35.4 53.2

71 40.2 32.6 48.8



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 44.586 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.00 min

Lab File: VX011874.D

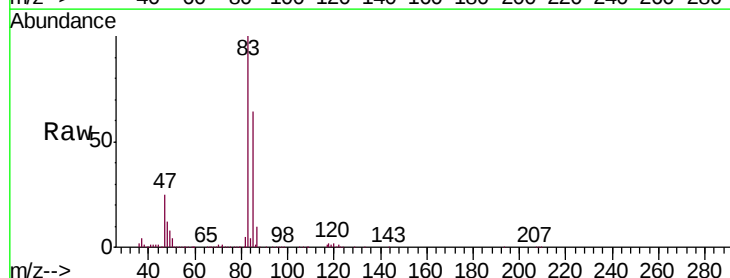
Acq: 28 Aug 2019 16:18

Tgt Ion: 83 Resp: 270930

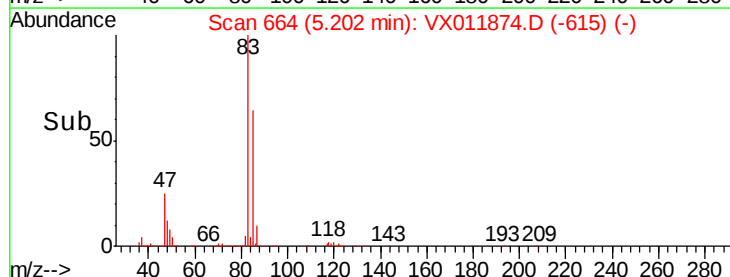
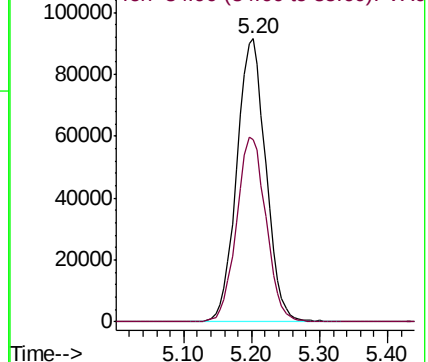
Ion Ratio Lower Upper

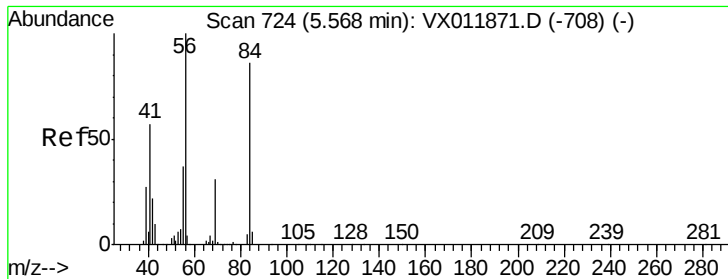
83 100

85 64.2 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.313 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

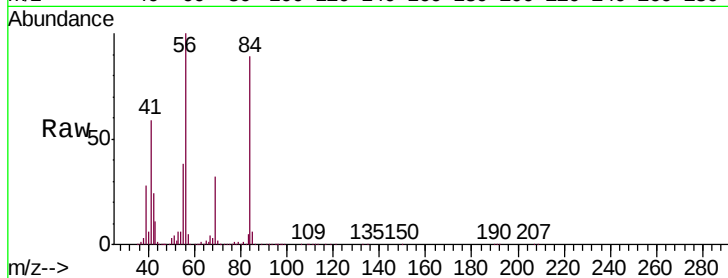
Tot Ion: 56 Resp: 239226

Ion Ratio Lower Upper

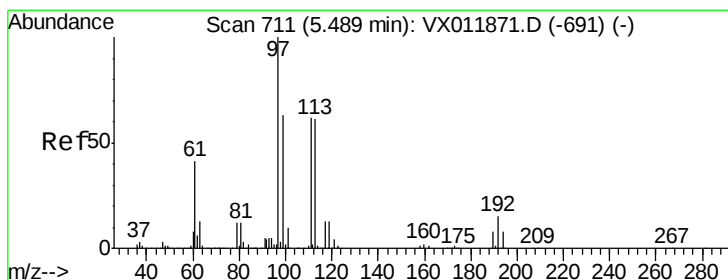
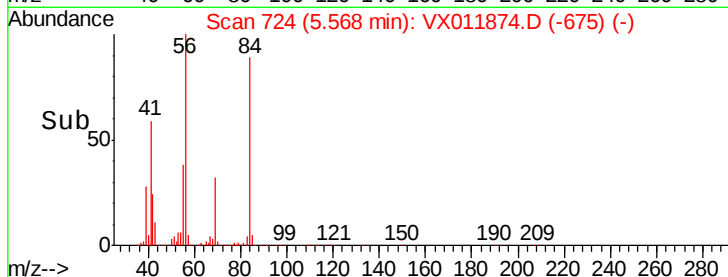
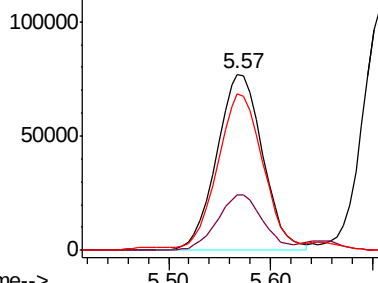
56 100

69 31.7 25.0 37.4

84 87.3 68.6 103.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 47.457 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

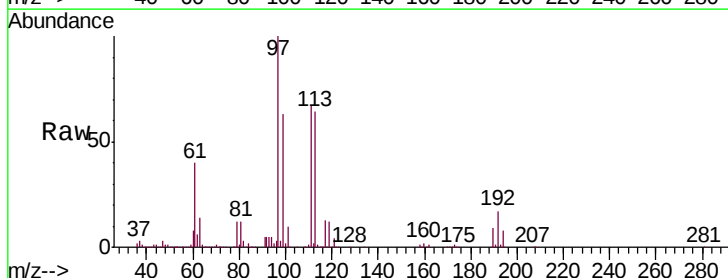
Tgt Ion: 97 Resp: 259313

Ion Ratio Lower Upper

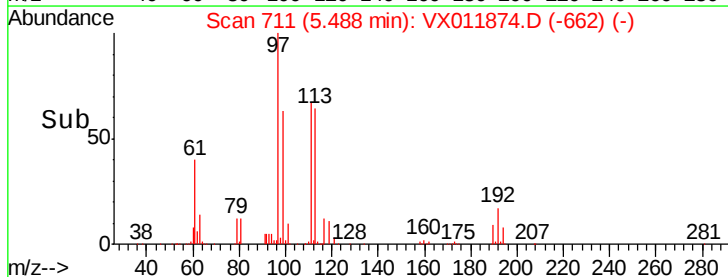
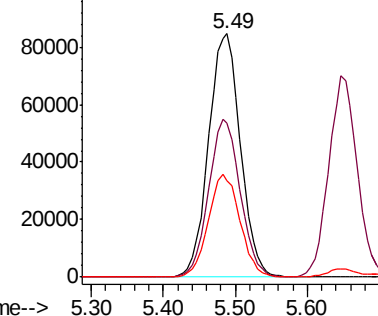
97 100

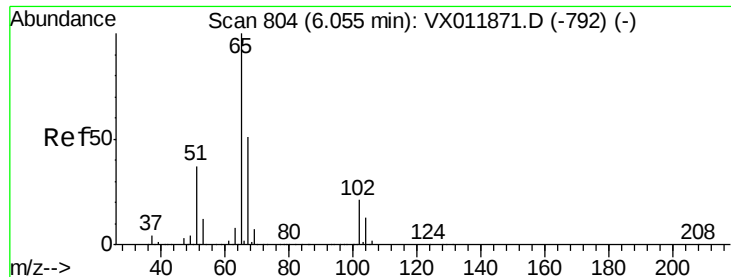
99 64.4 51.1 76.7

61 42.2 33.4 50.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.860 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

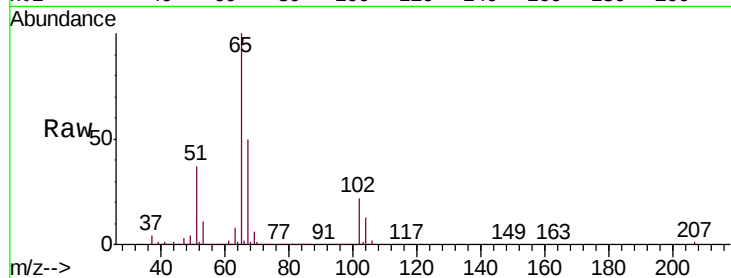
ClientSampleId :

Tot Ion: 65 Resp: 162902

Ion Ratio Lower Upper

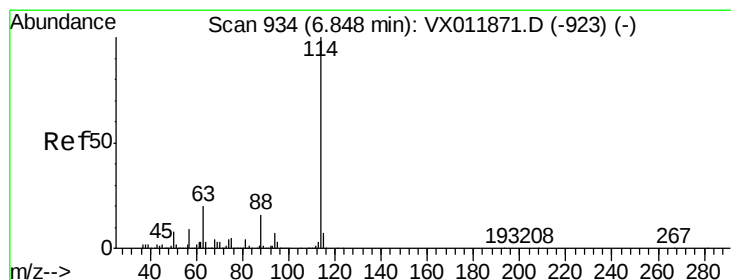
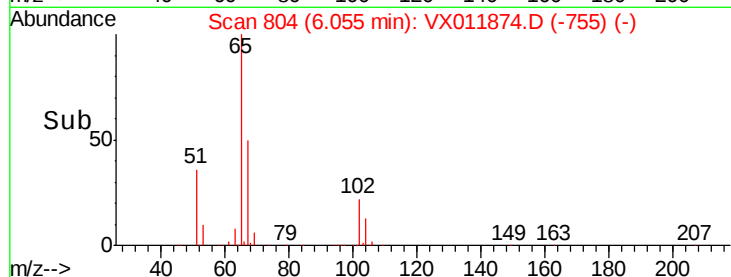
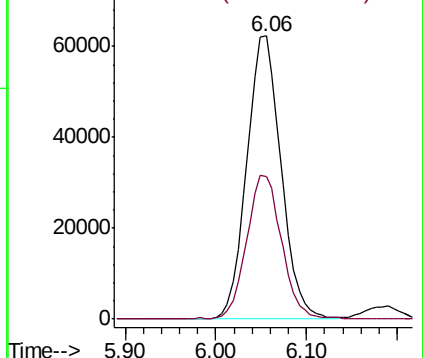
65 100

67 51.3 0.0 103.0



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: 6.85 min Scan# 934

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

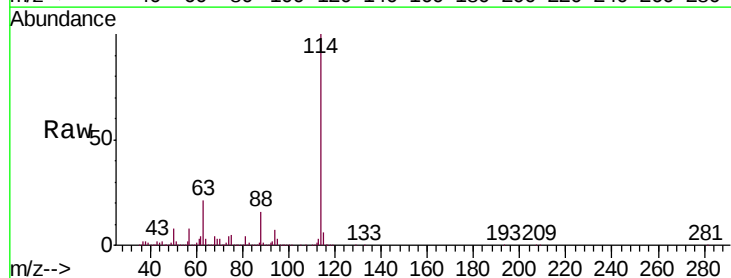
Tgt Ion: 114 Resp: 539907

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.8

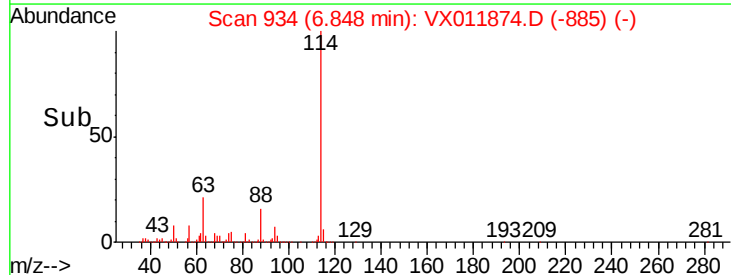
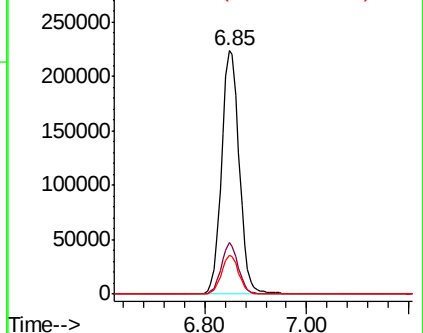
88 16.1 0.0 31.6

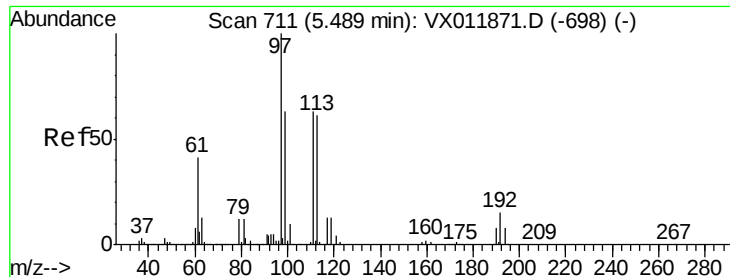


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

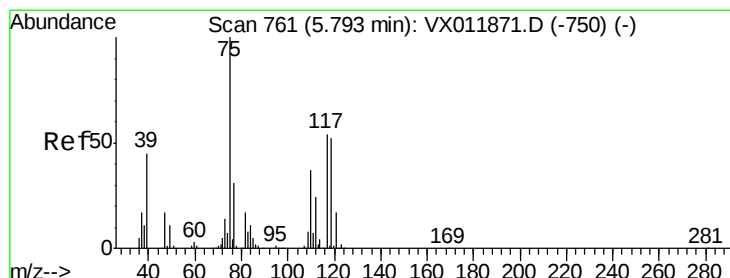
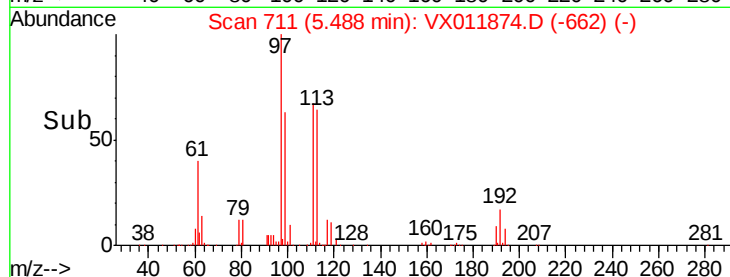
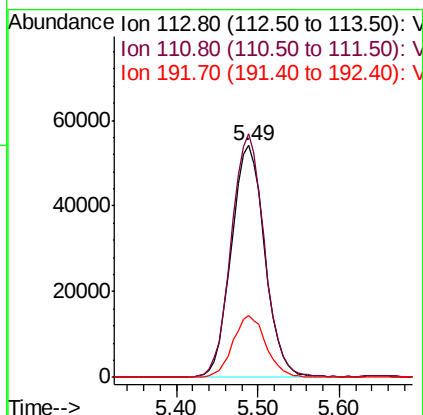
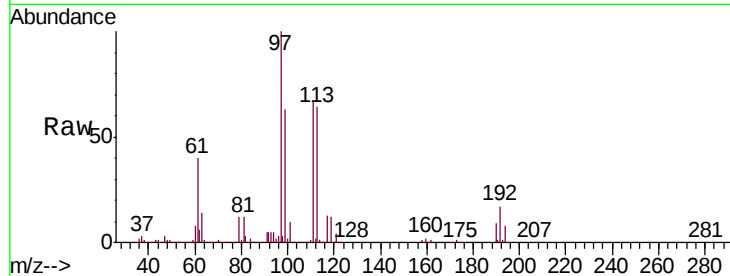




#35
 Dibromofluoromethane
 Concen: 46.797 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VX011874.D
 Acq: 28 Aug 2019 16:18

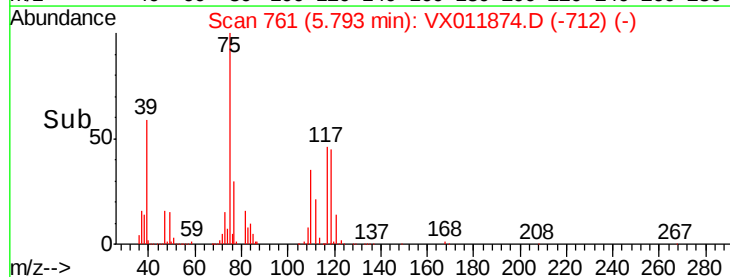
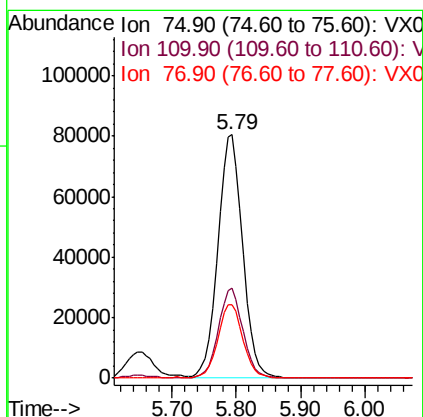
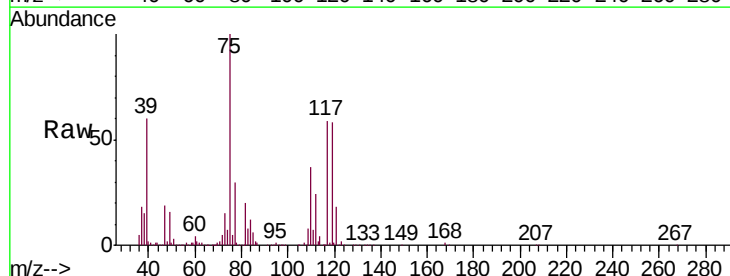
Instrument :
 MSVOA_X
 ClientSampleId :

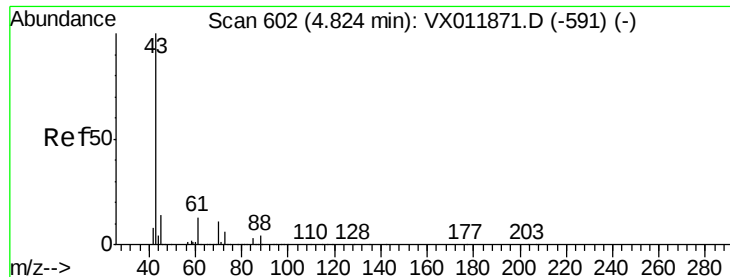
Tot Ion:113 Resp: 153544
 Ion Ratio Lower Upper
 113 100
 111 104.0 80.9 121.3
 192 26.3 20.6 30.8



#36
 1,1-Dichloropropene
 Concen: 48.967 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: VX011874.D
 Acq: 28 Aug 2019 16:18

Tgt Ion: 75 Resp: 217465
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.5 55.5
 77 30.0 24.7 37.1

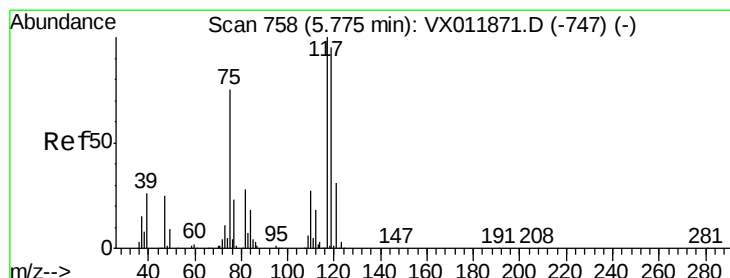
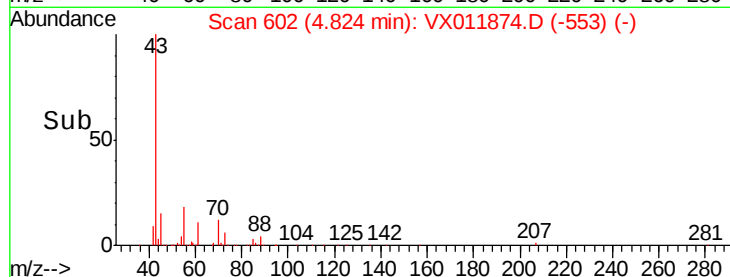
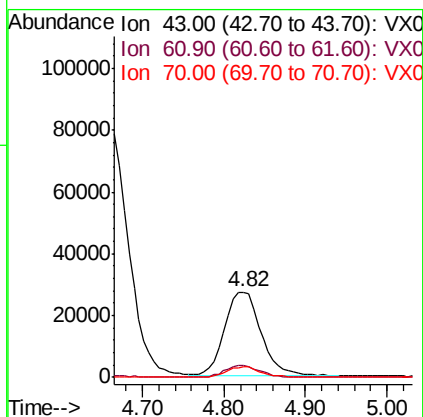
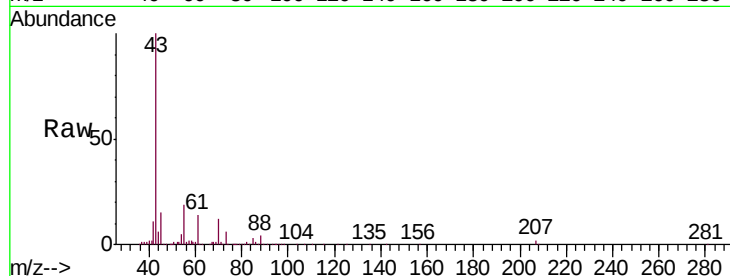




#37
Ethyl Acetate
Concen: 45.073 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

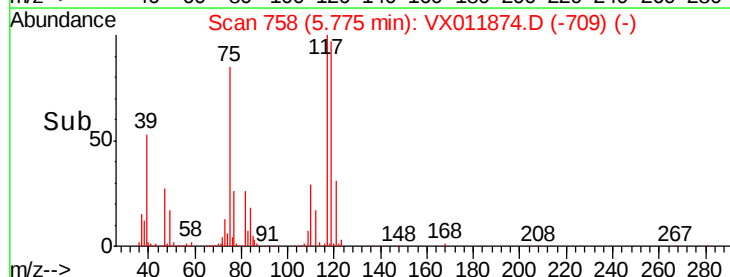
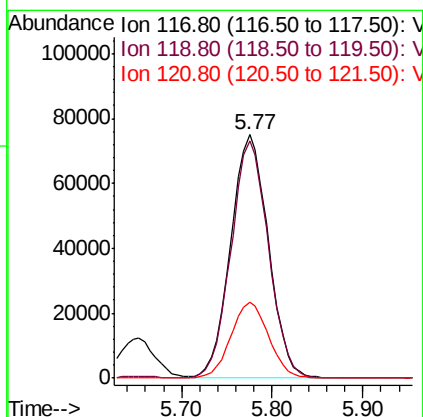
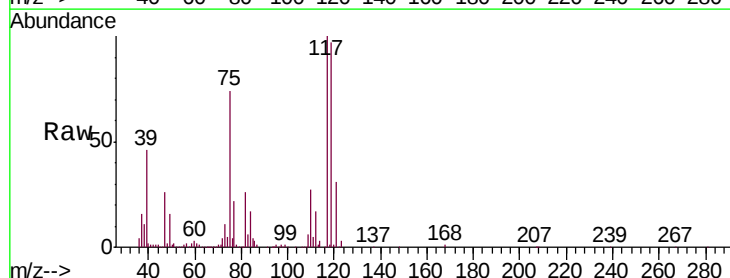
Instrument :
MSVOA_X
ClientSampled :

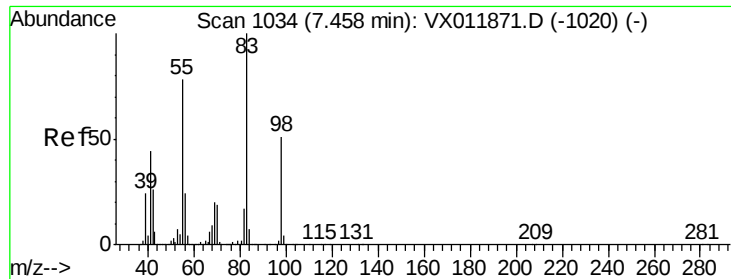
Tot Ion: 43 Resp: 84170
Ion Ratio Lower Upper
43 100
61 13.2 10.5 15.7
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 49.865 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

Tgt Ion: 117 Resp: 215779
Ion Ratio Lower Upper
117 100
119 97.2 75.7 113.5
121 31.4 25.1 37.7

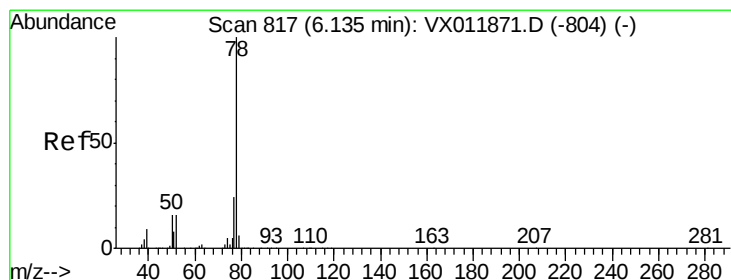
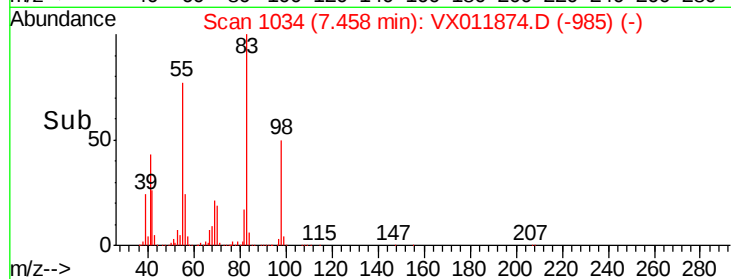
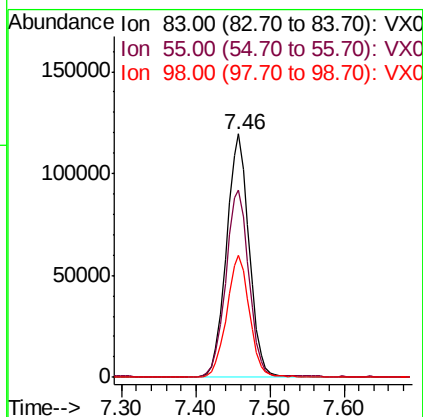
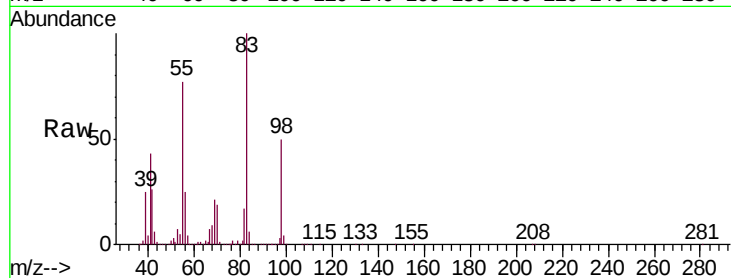




#39
Methylvlcvclohexane
Concen: 46.817 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

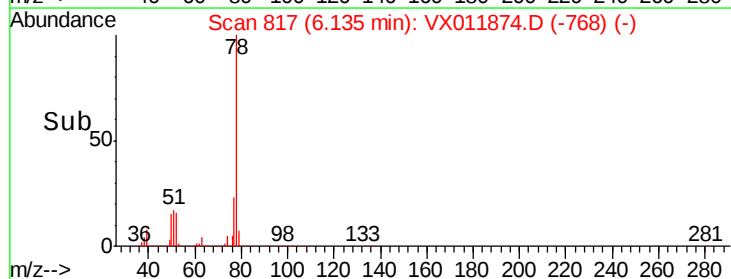
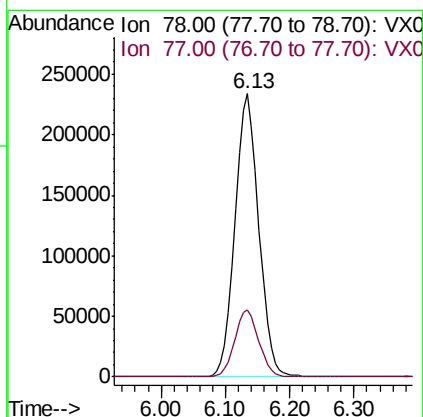
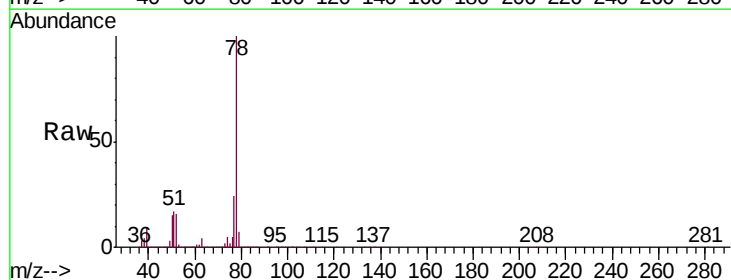
Instrument :
MSVOA_X
ClientSampleId :

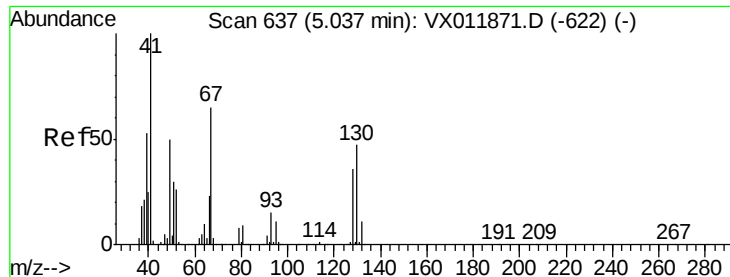
Tot Ion: 83 Resp: 254107
Ion Ratio Lower Upper
83 100
55 76.7 62.1 93.1
98 50.2 40.6 61.0



#40
Benzene
Concen: 46.843 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

Tgt Ion: 78 Resp: 600061
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





#41

Methacrylonitrile

Concen: 44.825 ug/l

RT: 5.03 min Scan# 635

Delta R.T. -0.01 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 56783

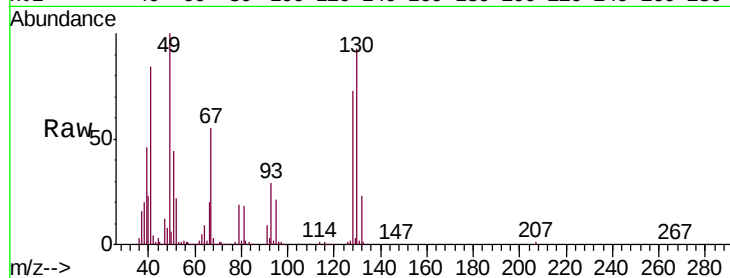
Ion Ratio Lower Upper

41 100

39 54.7 44.5 66.7

67 66.9 55.0 82.4

52 30.6 23.3 34.9

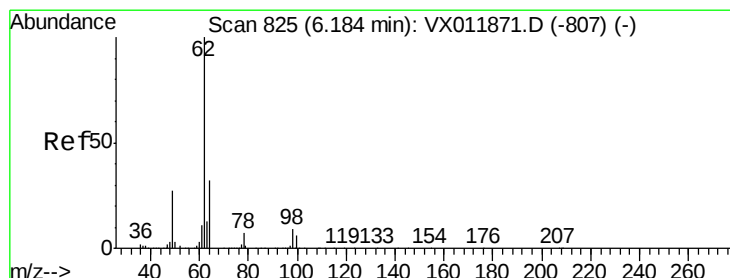
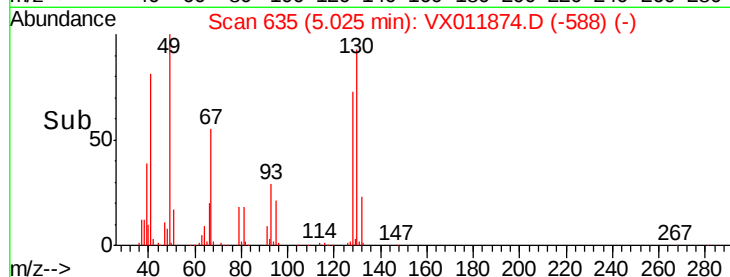
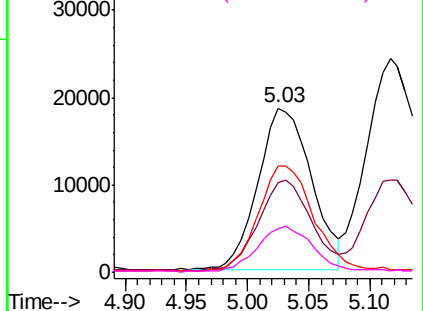


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 44.898 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX011874.D

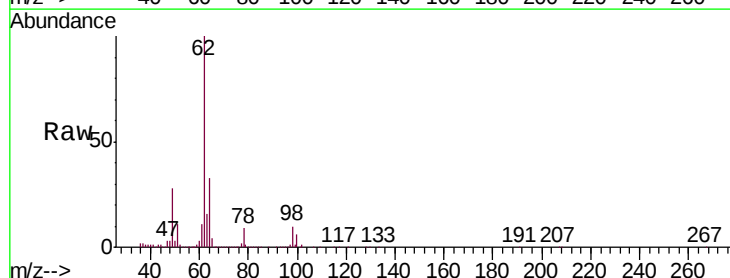
Acq: 28 Aug 2019 16:18

Tgt Ion: 62 Resp: 182619

Ion Ratio Lower Upper

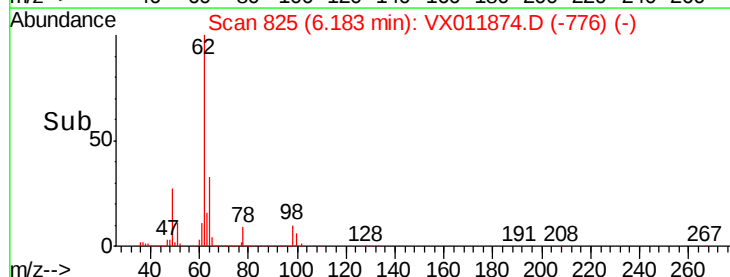
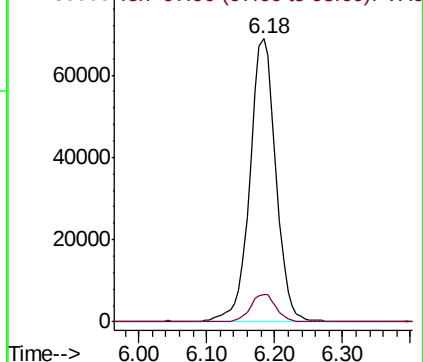
62 100

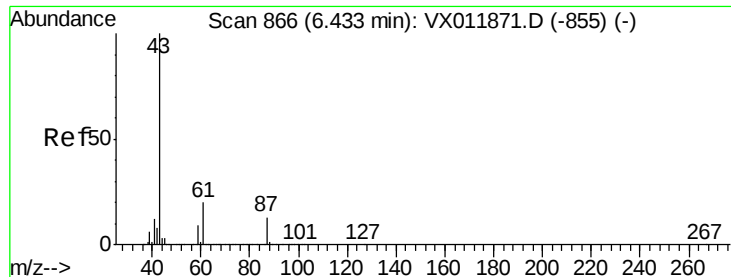
98 9.9 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



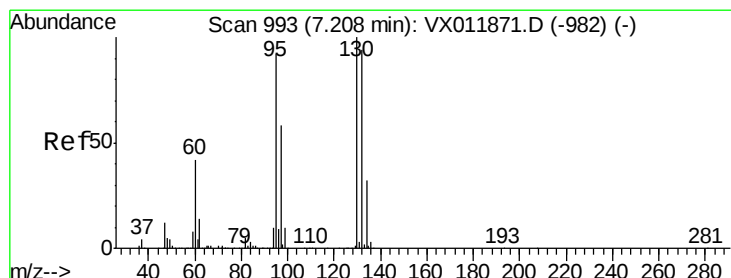
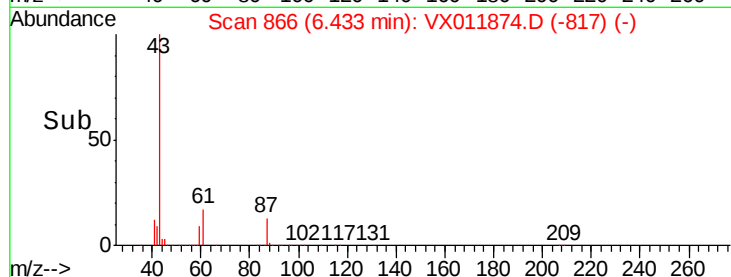
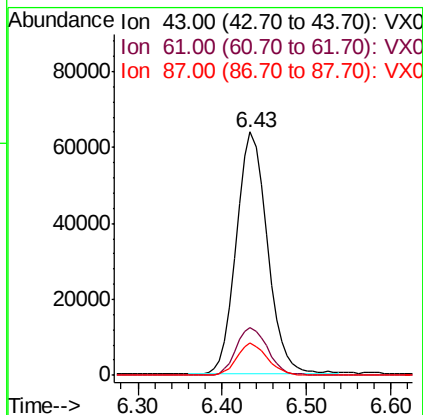
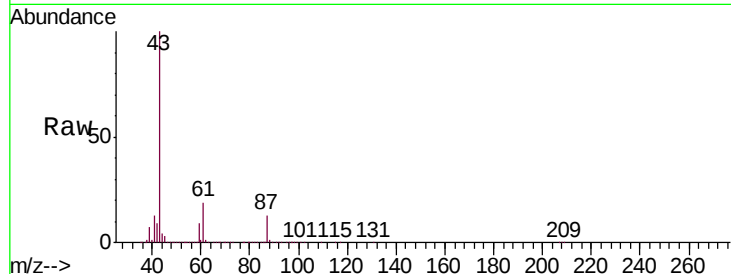


#43

Isopropyl Acetate
 Concen: 43.447 ug/l
 RT: 6.43 min Scan# 866
 Delta R.T. -0.00 min
 Lab File: VX011874.D
 Acq: 28 Aug 2019 16:18

Instrument :
 MSVOA_X
 ClientSampleId :

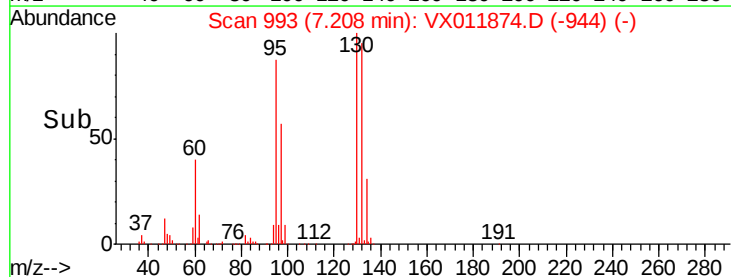
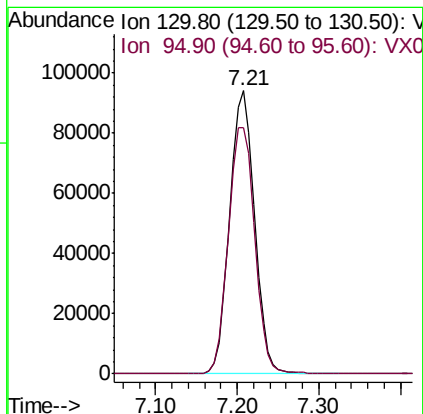
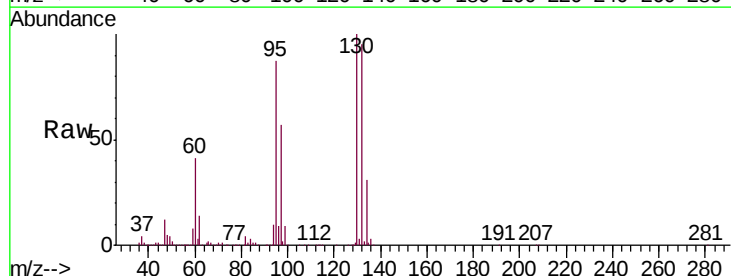
Tot Ion	43	Resp	159405
Ion Ratio	Lower	Upper	
43	100		
61	20.2	15.6	23.4
87	13.1	10.6	15.8

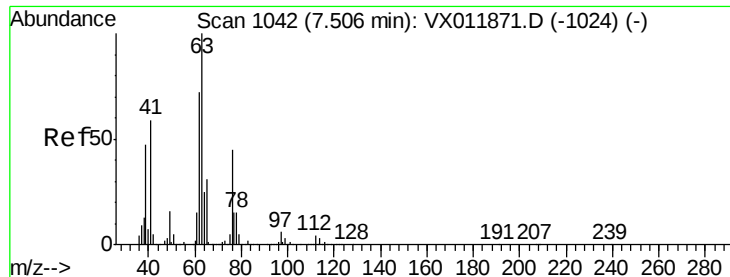


#44

Trichloroethene
 Concen: 46.012 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VX011874.D
 Acq: 28 Aug 2019 16:18

Tgt Ion	130	Resp	198137
Ion Ratio	Lower	Upper	
130	100		
95	86.9	0.0	184.0

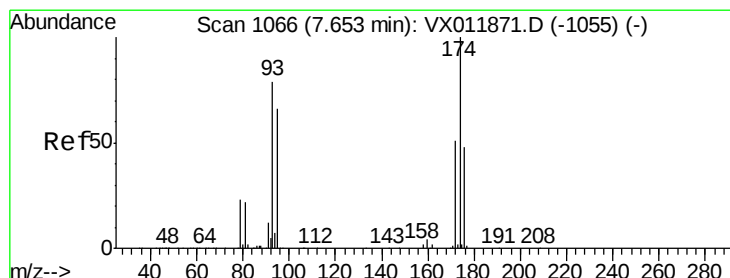
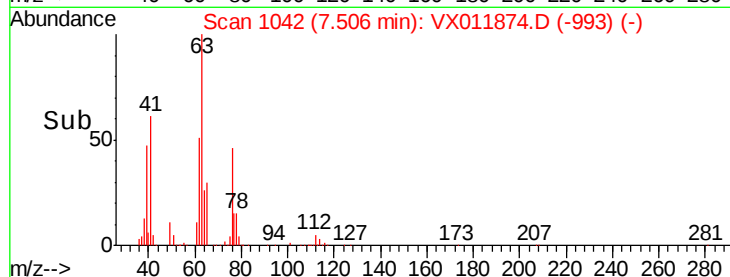
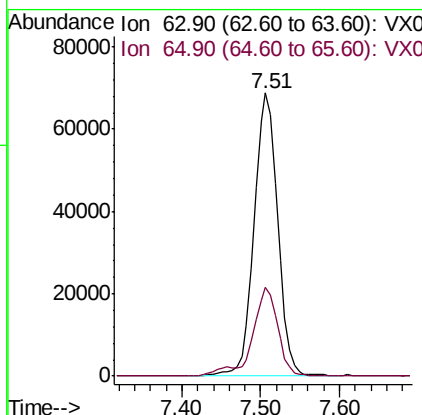
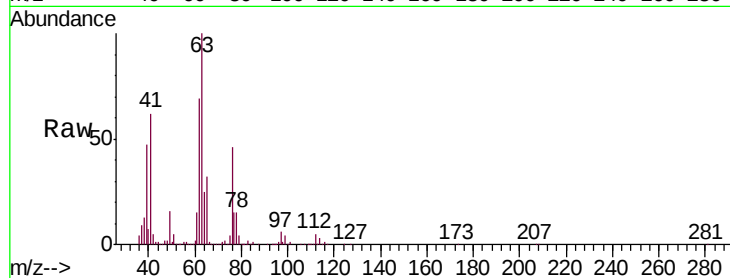




#45
 1,2-Dichloropropane
 Concen: 45.137 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX011874.D
 Acq: 28 Aug 2019 16:18

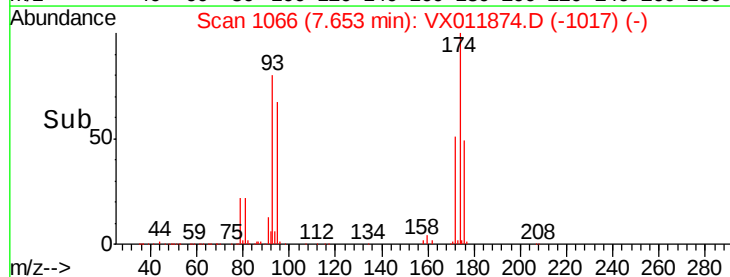
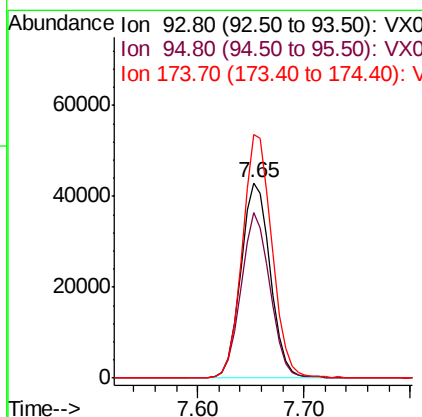
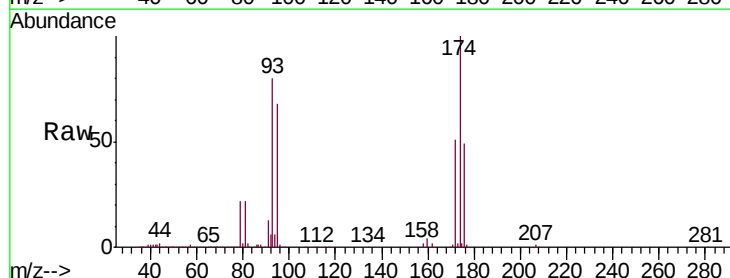
Instrument :
 MSVOA_X
 ClientSampleId :

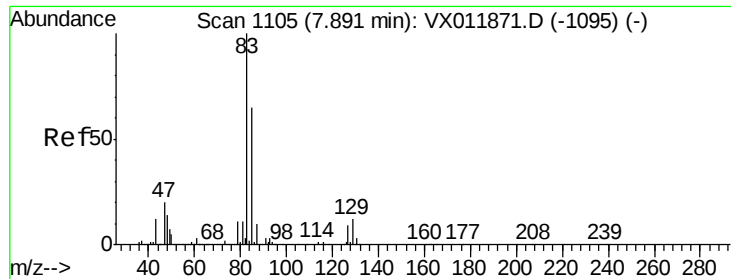
Tot Ion: 63 Resp: 143877
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.5 36.7



#46
 Dibromomethane
 Concen: 44.183 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VX011874.D
 Acq: 28 Aug 2019 16:18

Tgt Ion: 93 Resp: 83438
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.8 98.8
 174 125.5 100.2 150.4





#47

Bromodichloromethane

Concen: 45.736 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :
MSVOA_X
ClientSampleId :

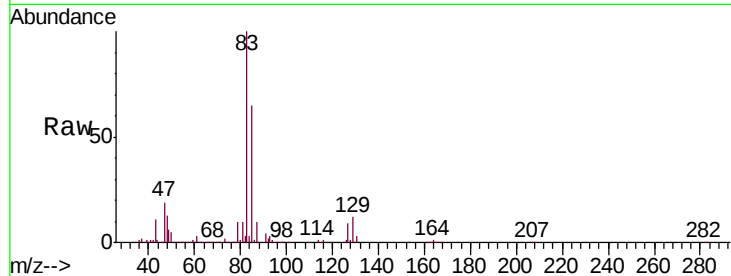
Tot Ion: 83 Resp: 203083

Ion Ratio Lower Upper

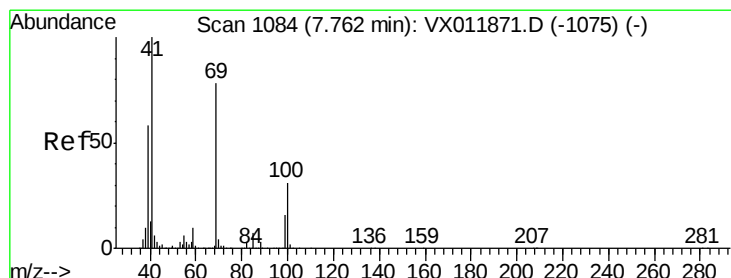
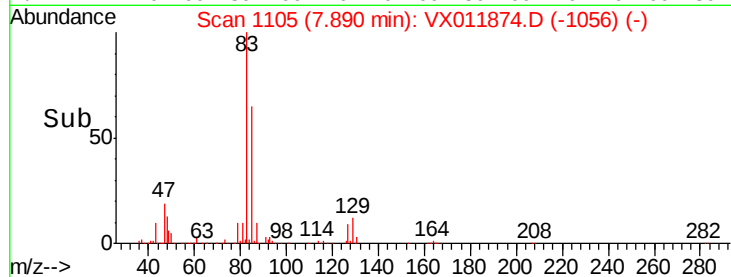
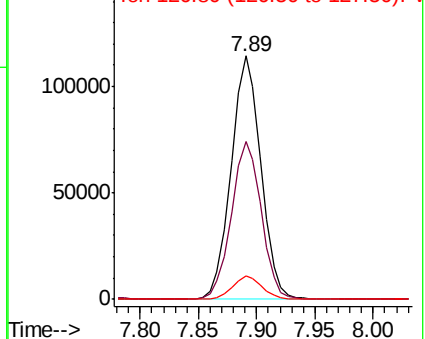
83 100

85 64.6 51.8 77.8

127 9.4 7.4 11.2



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: 43.534 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

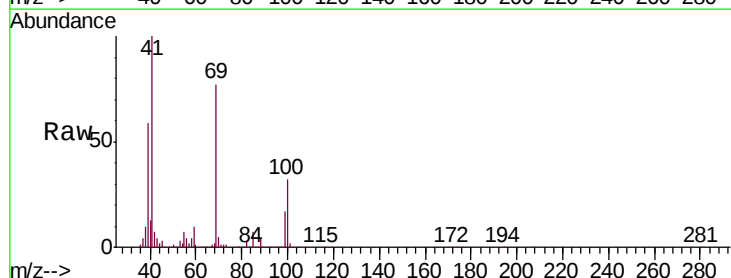
Tgt Ion: 41 Resp: 79876

Ion Ratio Lower Upper

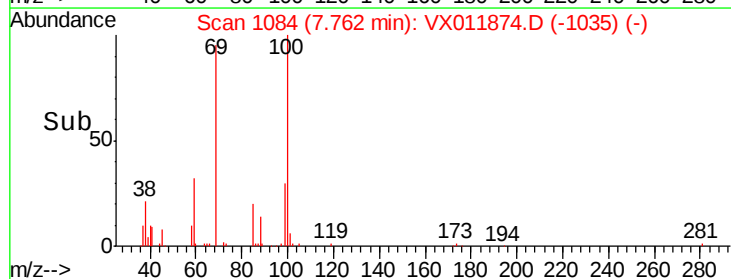
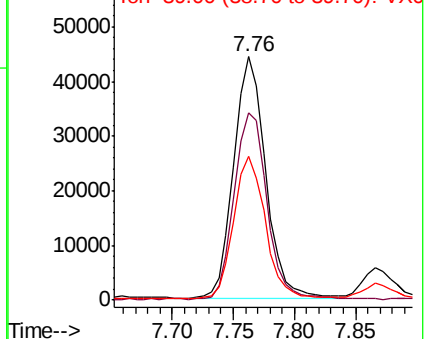
41 100

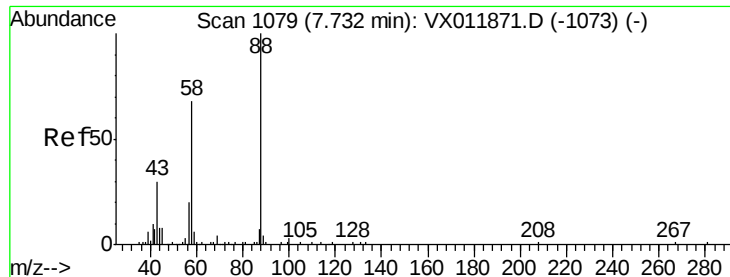
69 79.4 63.0 94.4

39 59.0 46.1 69.1



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: 893.424 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

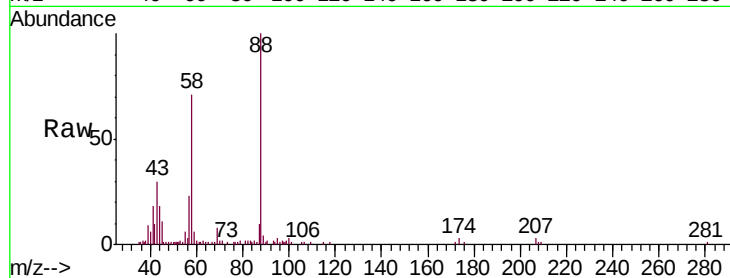
Tot Ion: 88 Resp: 17663

Ion Ratio Lower Upper

88 100

43 38.3 33.2 49.8

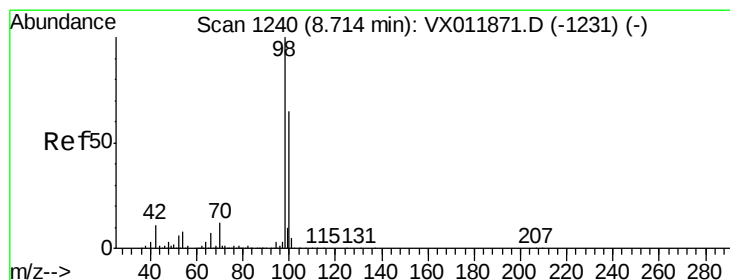
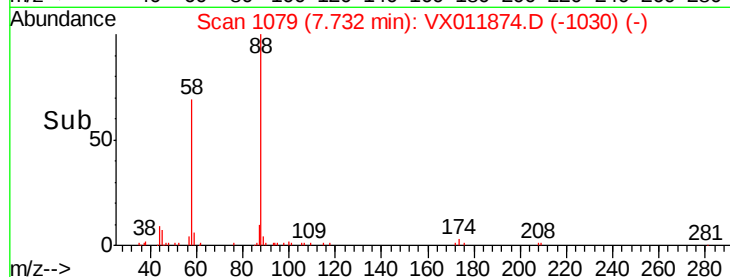
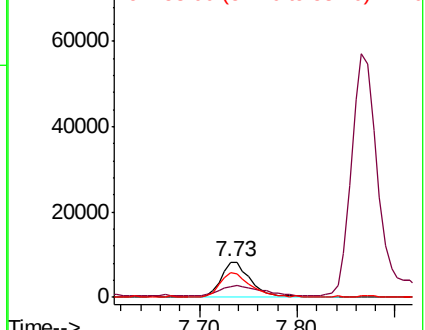
58 69.9 58.2 87.4



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: 49.526 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011874.D

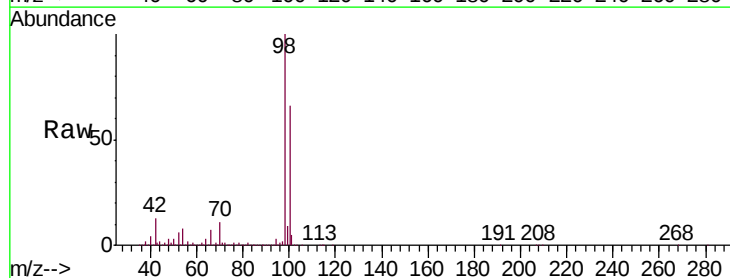
Acq: 28 Aug 2019 16:18

Tgt Ion: 98 Resp: 604900

Ion Ratio Lower Upper

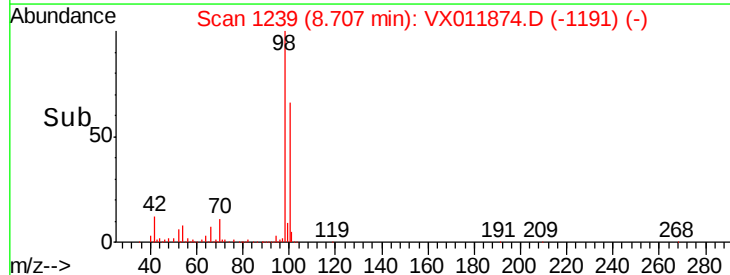
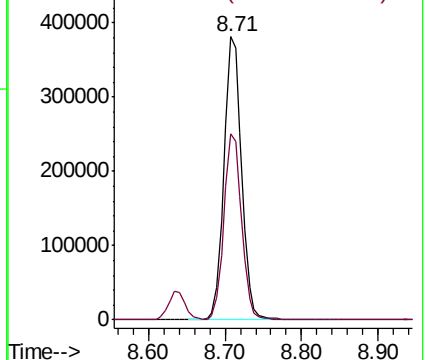
98 100

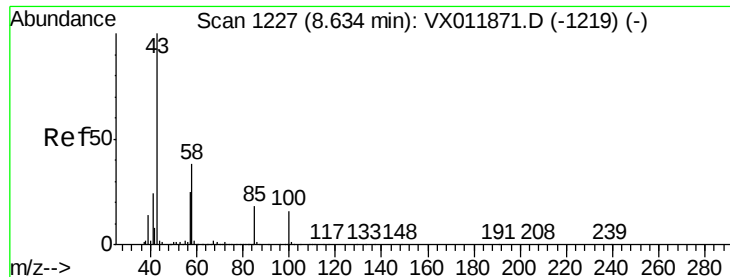
100 66.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

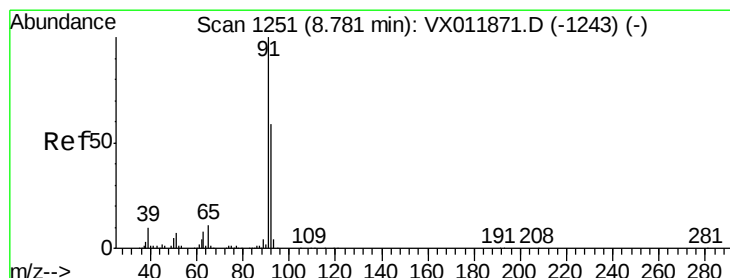
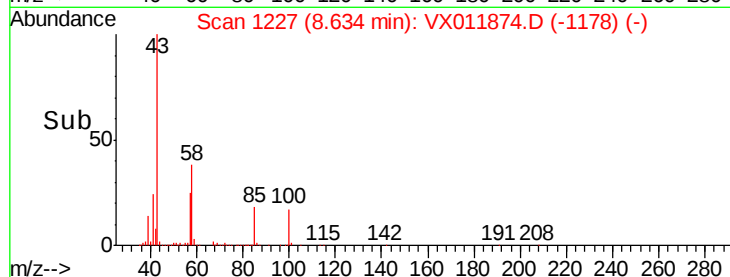
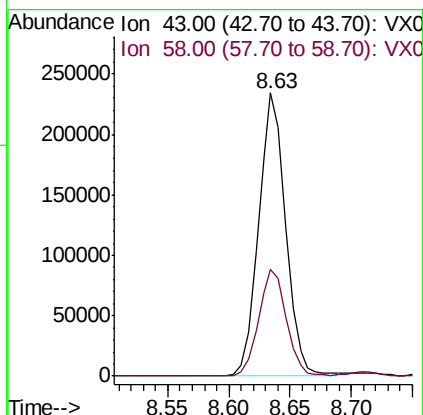
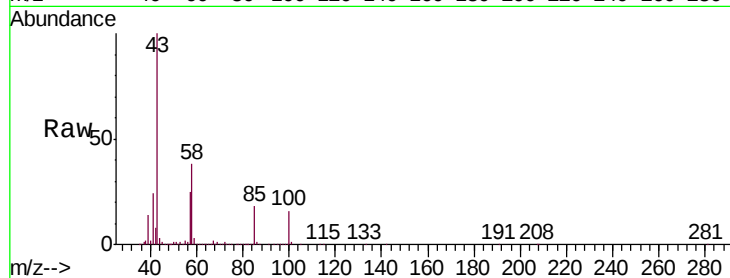




#51
 4-Methyl-2-Pentanone
 Concen: 243.385 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VX011874.D
 Acq: 28 Aug 2019 16:18

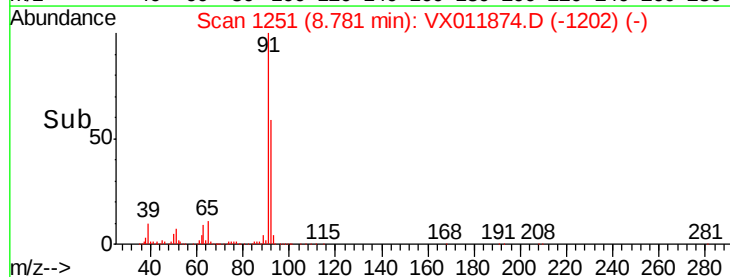
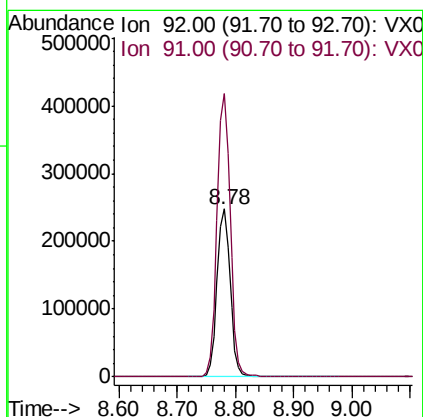
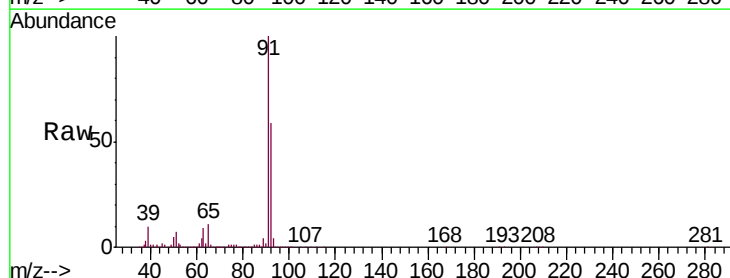
Instrument :
 MSVOA_X
 ClientSampleId :

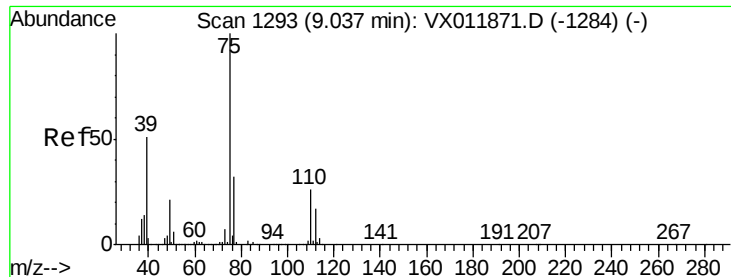
Tot Ion: 43 Resp: 359696
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.8 46.2



#52
 Toluene
 Concen: 46.814 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX011874.D
 Acq: 28 Aug 2019 16:18

Tgt Ion: 92 Resp: 386460
 Ion Ratio Lower Upper
 92 100
 91 169.0 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 46.542 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

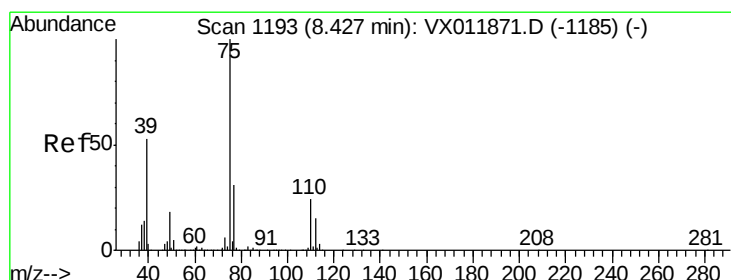
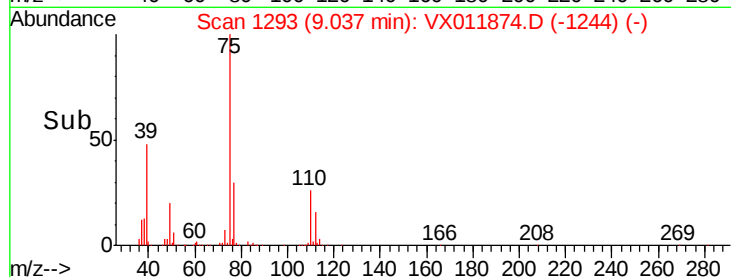
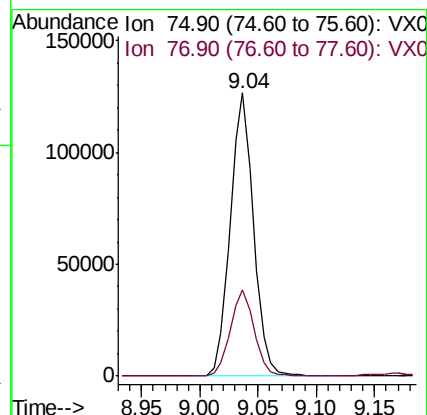
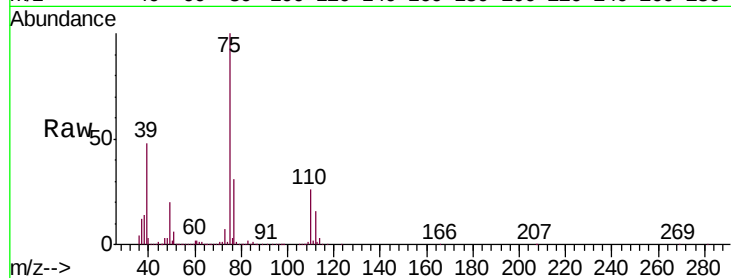
ClientSampleId :

Tot Ion: 75 Resp: 176077

Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 46.433 ug/l

RT: 8.43 min Scan# 1193

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

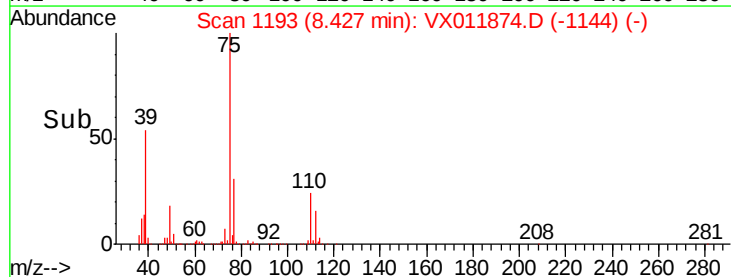
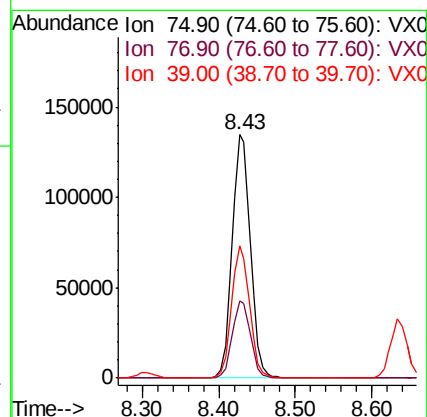
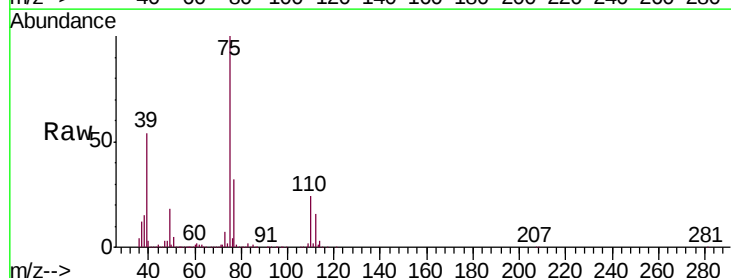
Tgt Ion: 75 Resp: 221777

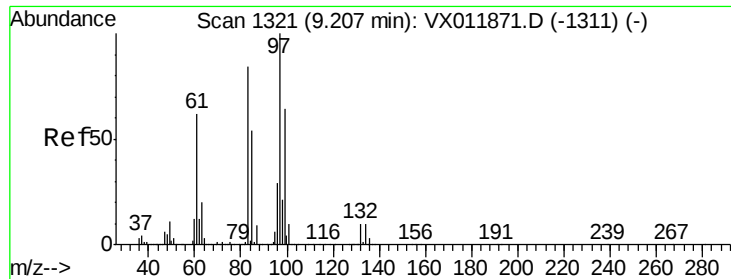
Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3

39 54.1 42.2 63.4

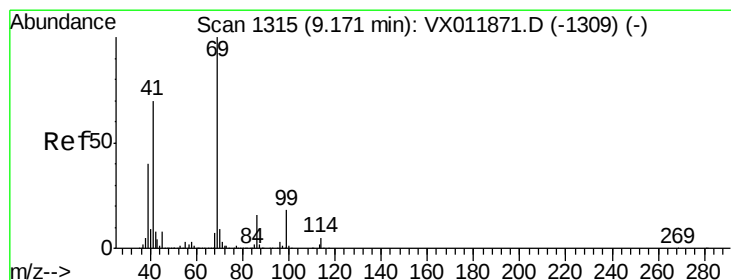
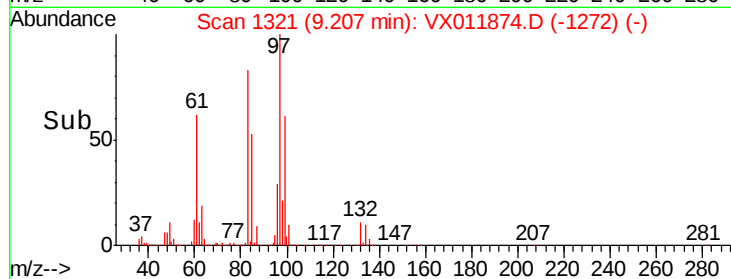
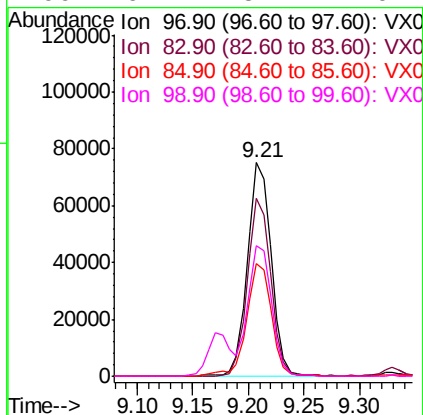
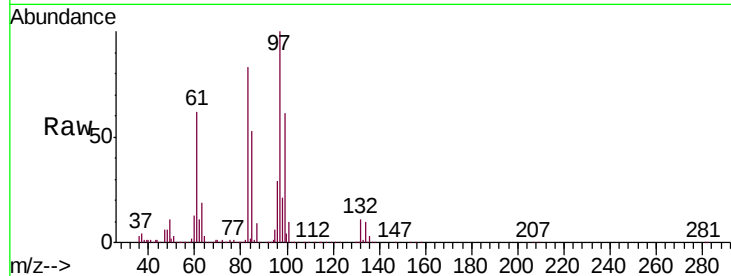




#55
 1,1,2-Trichloroethane
 Concen: 45.122 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VX011874.D
 Acq: 28 Aug 2019 16:18

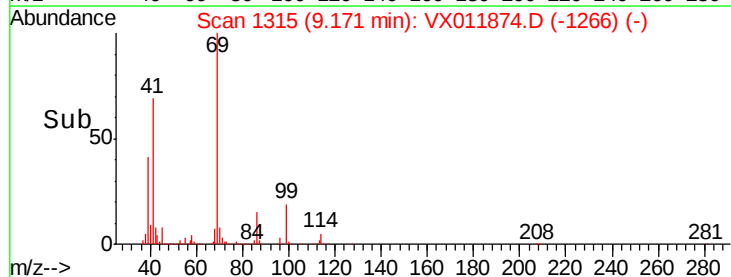
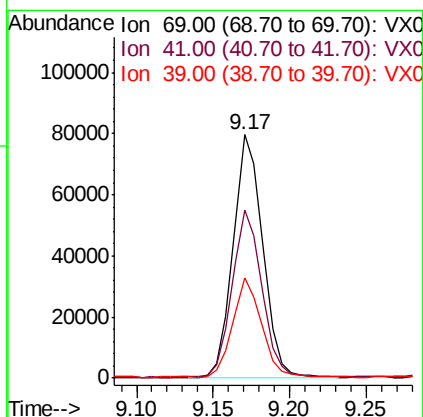
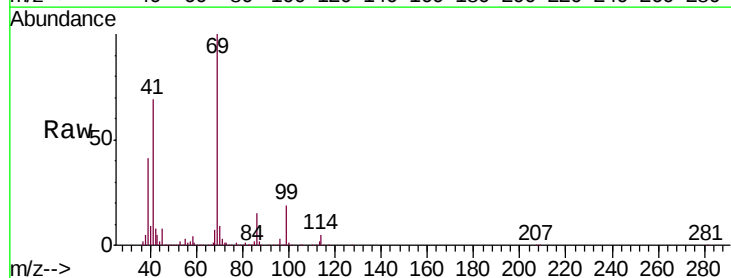
Instrument :
 MSVOA_X
 ClientSampled :

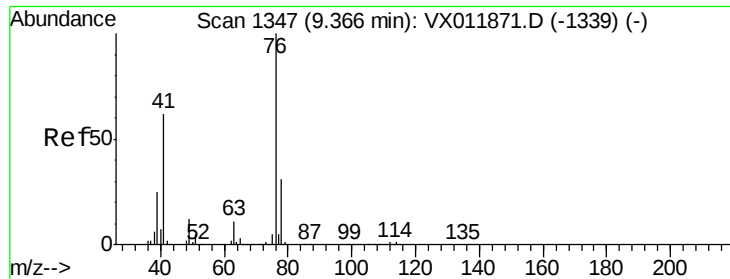
Tot Ion:	97	Resp:	111044
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.6	101.4
85	52.7	42.9	64.3
99	61.1	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 44.559 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VX011874.D
 Acq: 28 Aug 2019 16:18

Tgt Ion:	69	Resp:	106920
Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.9	83.9
39	40.0	31.9	47.9





#57

1,3-Dichloropropane

Concen: 45.098 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

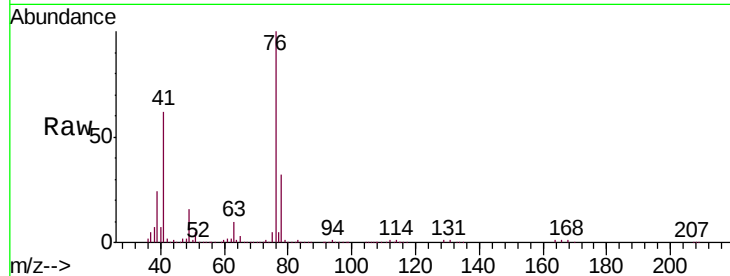
ClientSampleId :

Tot Ion: 76 Resp: 184460

Ion Ratio Lower Upper

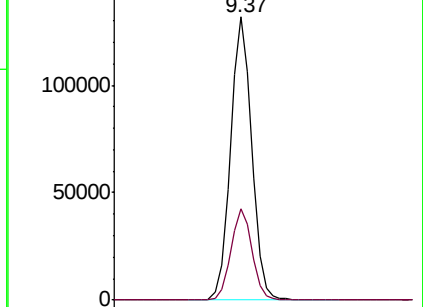
76 100

78 32.1 25.4 38.0

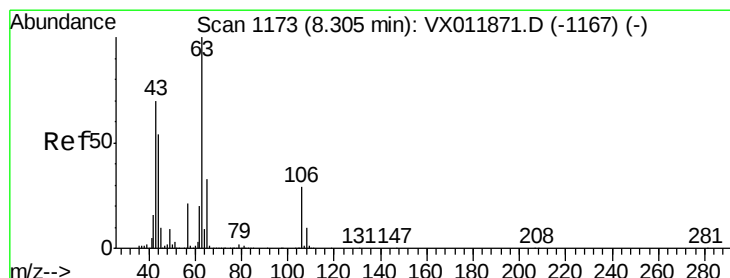
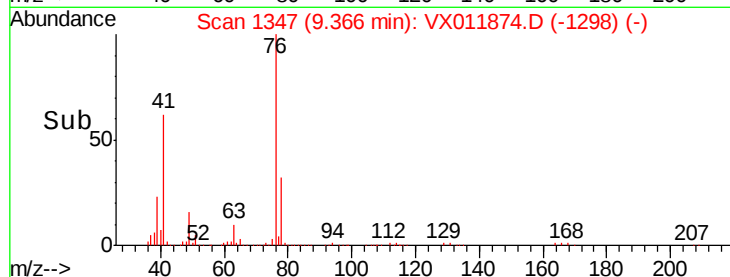


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 245.668 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011874.D

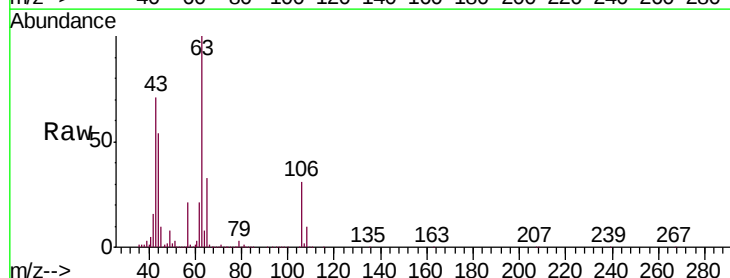
Acq: 28 Aug 2019 16:18

Tgt Ion: 63 Resp: 189008

Ion Ratio Lower Upper

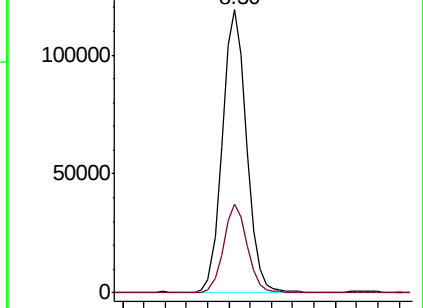
63 100

106 31.0 24.6 36.8

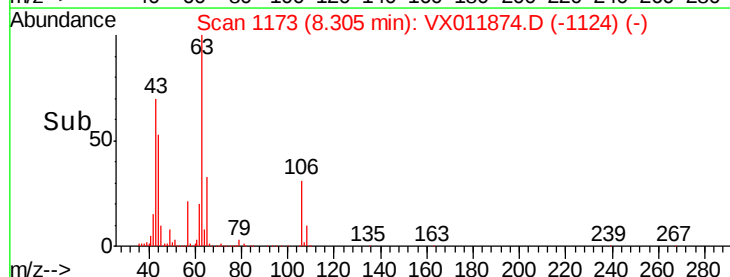


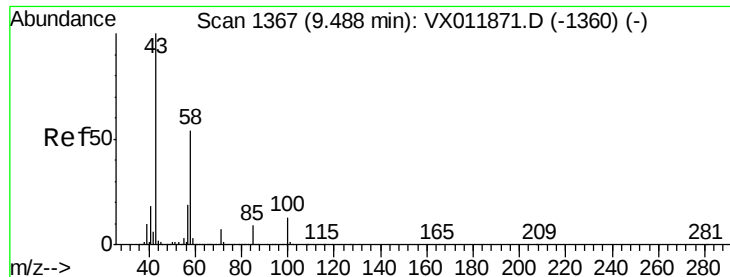
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

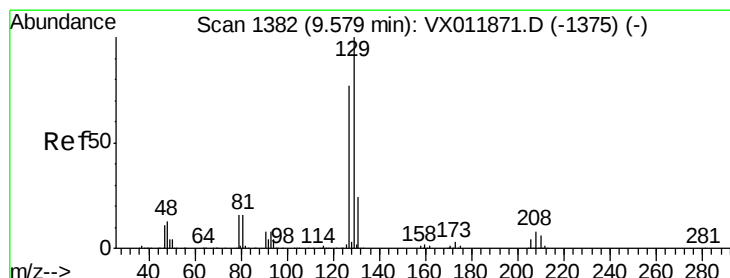
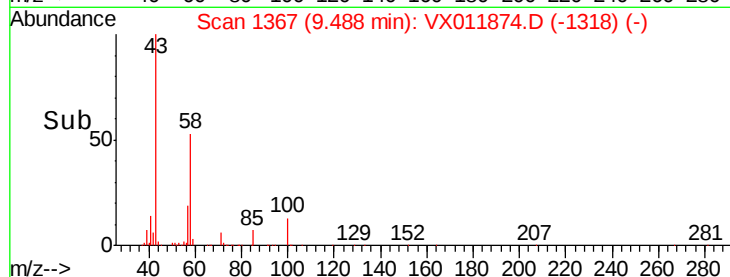
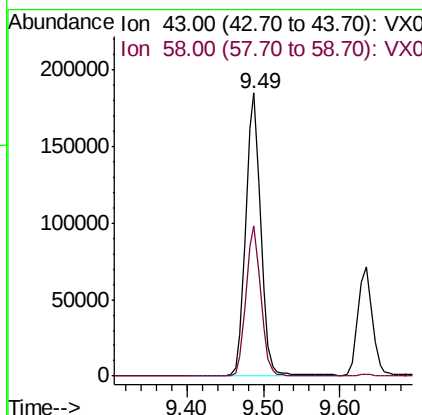
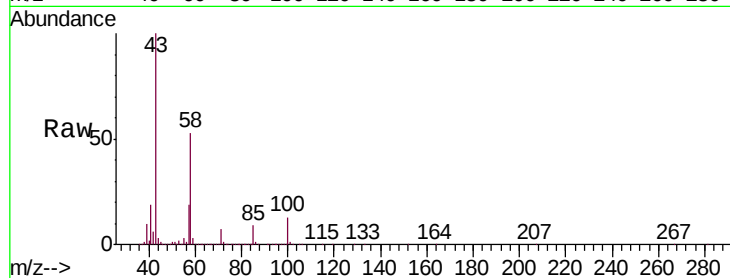




#59
 2-Hexanone
 Concen: 264.850 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX011874.D
 Acq: 28 Aug 2019 16:18

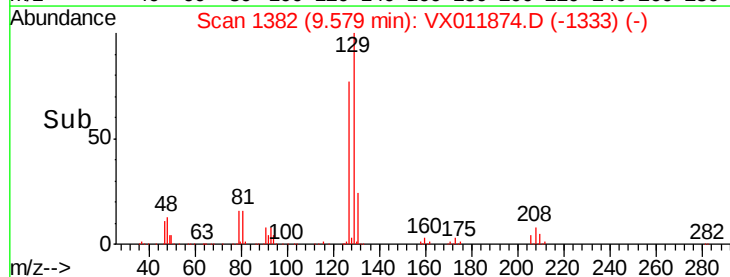
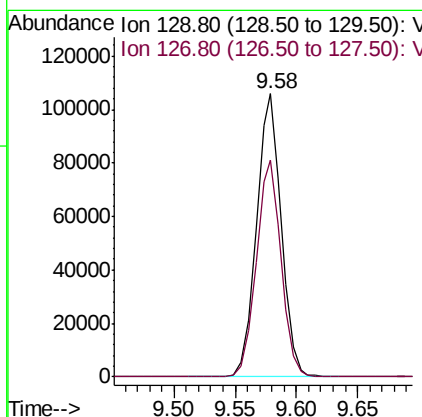
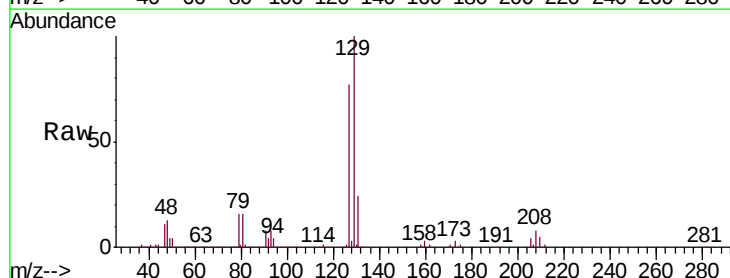
Instrument :
 MSVOA_X
 ClientSampleId :

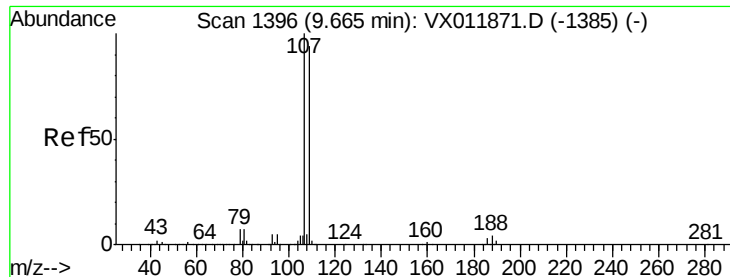
Tot Ion: 43 Resp: 250135
 Ion Ratio Lower Upper
 43 100
 58 52.7 26.7 80.1



#60
 Dibromochloromethane
 Concen: 45.593 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX011874.D
 Acq: 28 Aug 2019 16:18

Tgt Ion:129 Resp: 149309
 Ion Ratio Lower Upper
 129 100
 127 77.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 44.301 ug/l

RT: 9.66 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

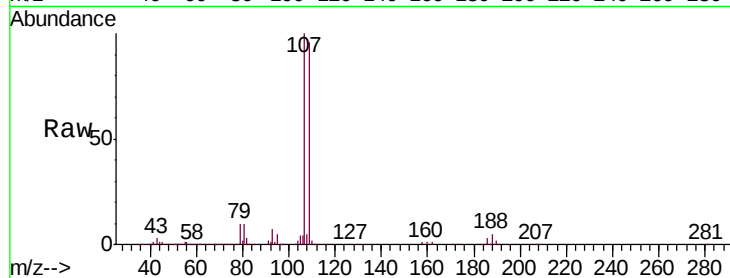
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 106747

Ion Ratio Lower Upper

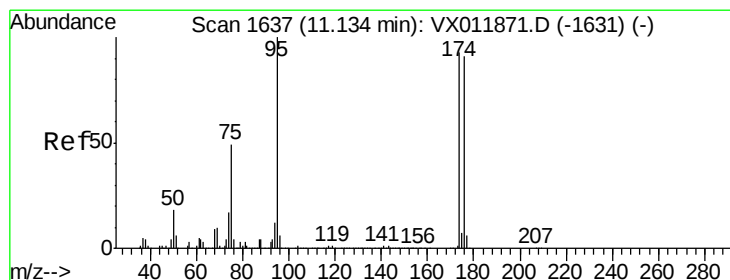
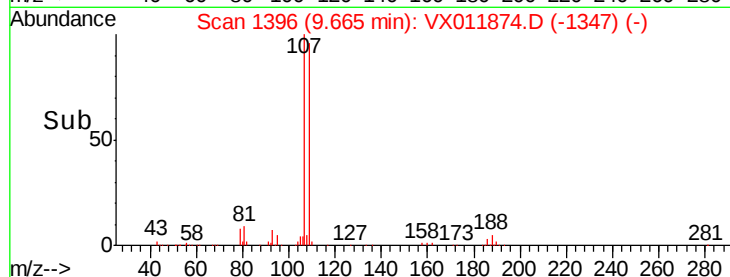
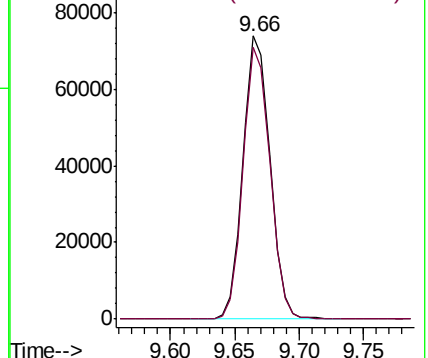
107 100

109 96.0 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.126 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

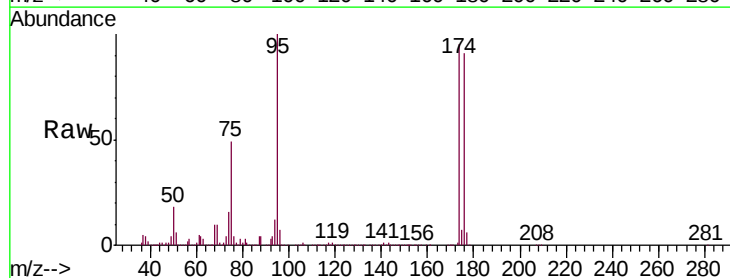
Tgt Ion: 95 Resp: 224732

Ion Ratio Lower Upper

95 100

174 96.5 0.0 189.2

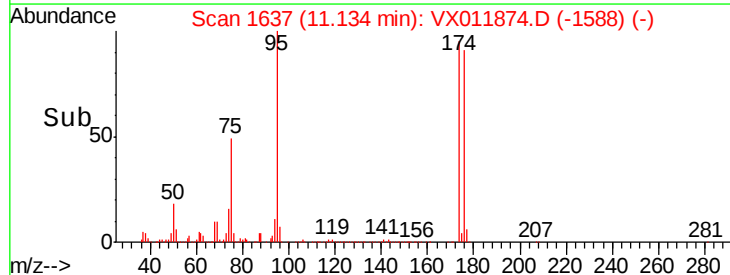
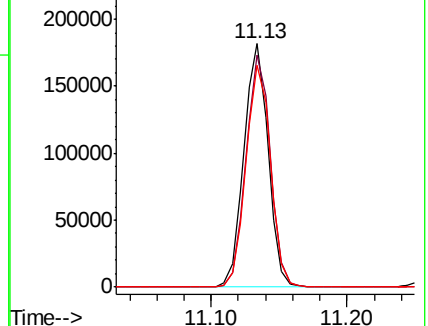
176 93.0 0.0 185.6

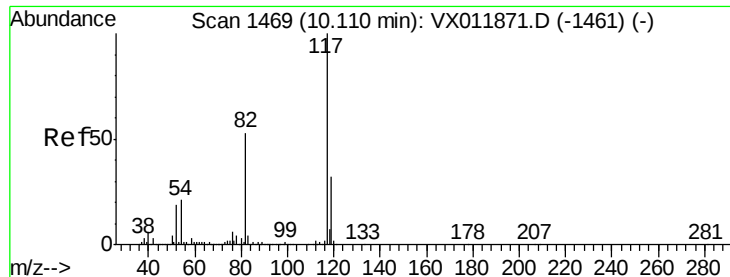


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

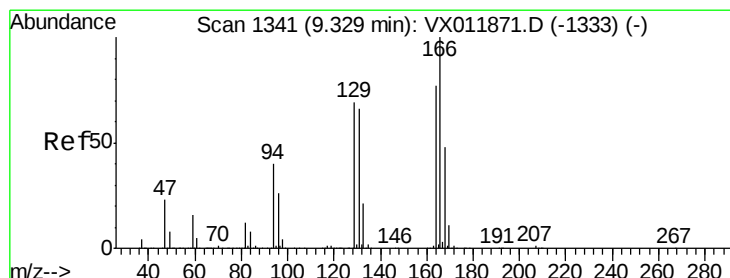
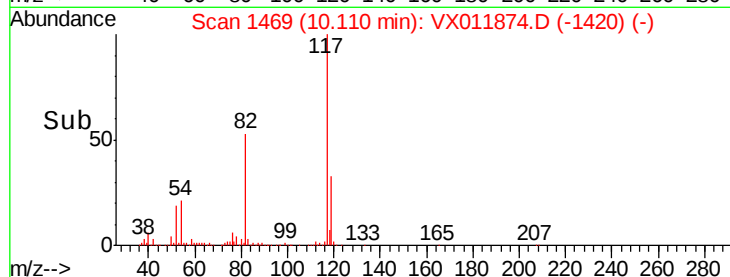
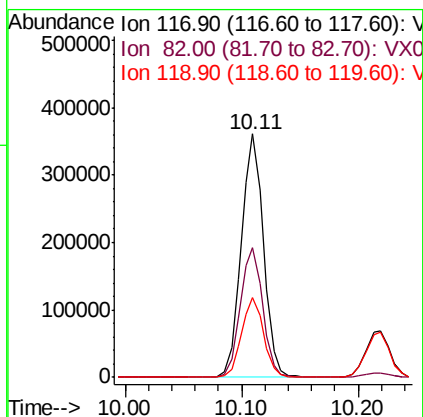
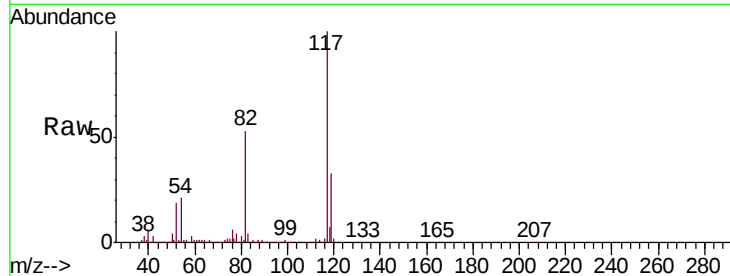




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

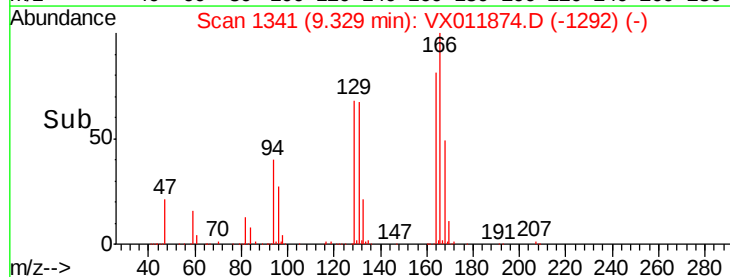
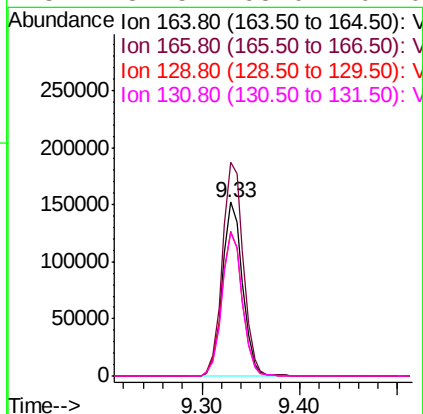
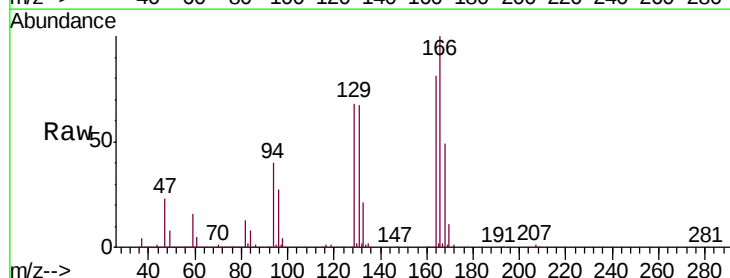
Instrument :
MSVOA_X
ClientSampled :

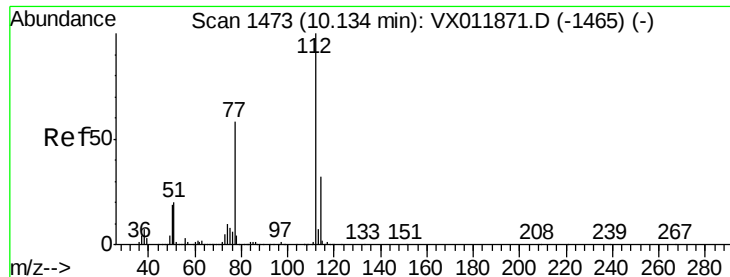
Tot Ion:117 Resp: 480681
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 33.0 25.5 38.3



#64
Tetrachloroethene
Concen: 46.663 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

Tgt Ion:164 Resp: 218269
Ion Ratio Lower Upper
164 100
166 122.8 103.6 155.4
129 83.0 71.4 107.2
131 82.5 68.0 102.0





#65

Chlorobenzene

Concen: 46.176 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

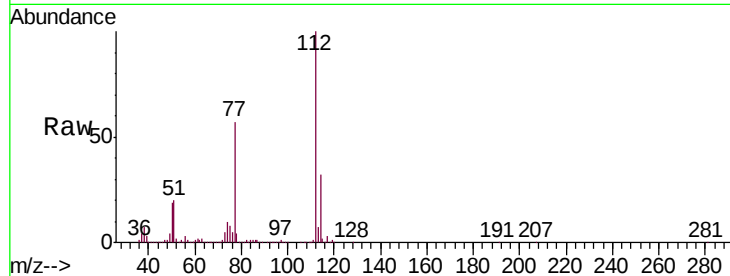
ClientSampleId :

Tot Ion:112 Resp: 411065

Ion Ratio Lower Upper

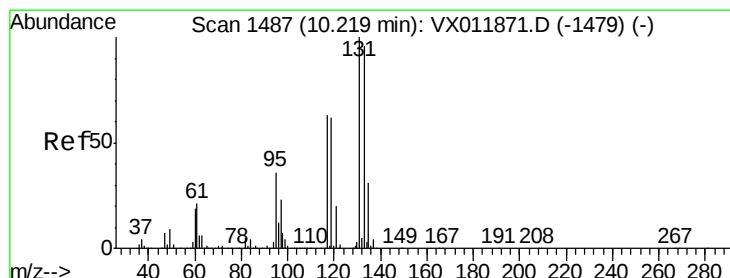
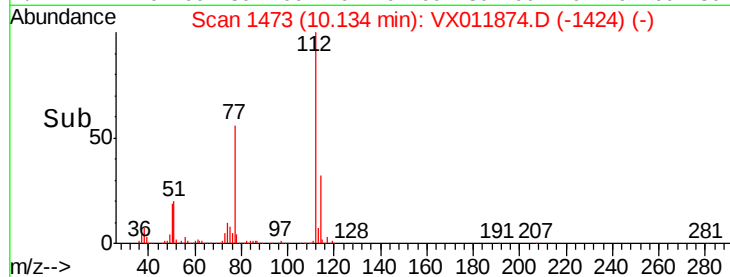
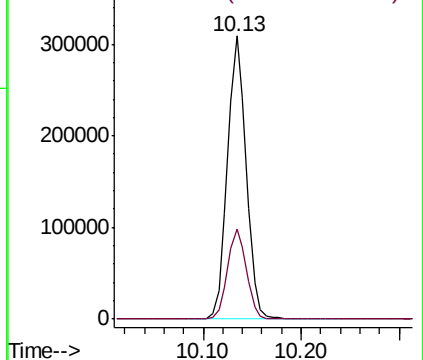
112 100

114 31.9 25.8 38.8



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: 46.649 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

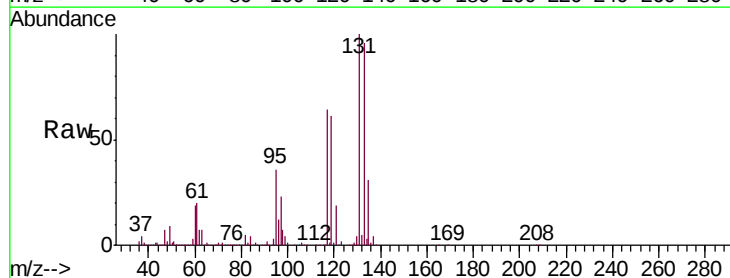
Tgt Ion:131 Resp: 152347

Ion Ratio Lower Upper

131 100

133 95.1 47.8 143.3

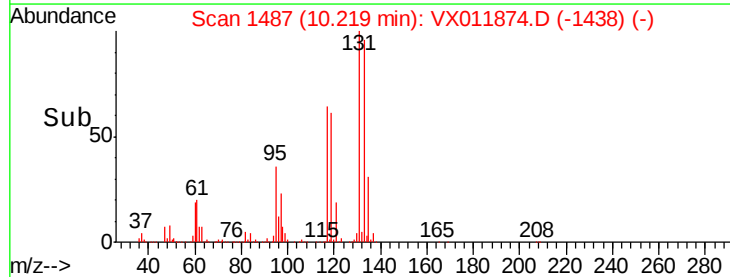
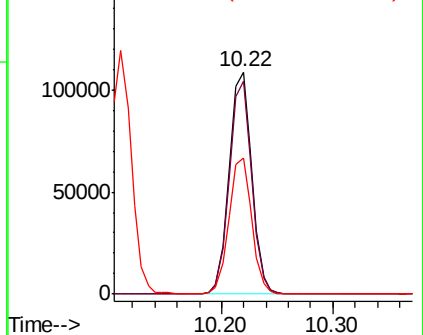
119 62.2 31.1 93.5

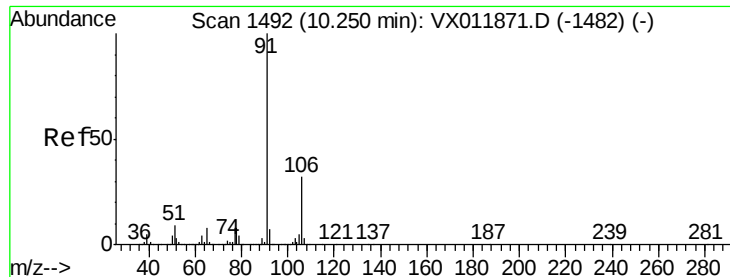


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 47.161 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

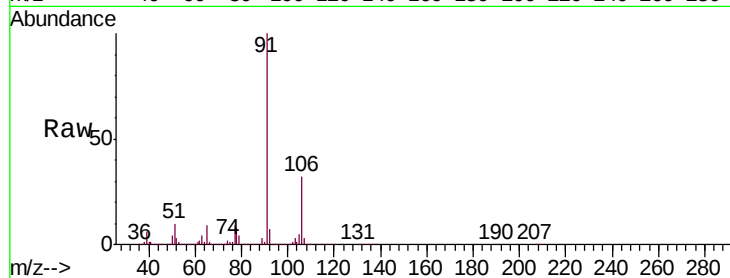
ClientSampleId :

Tot Ion: 91 Resp: 721147

Ion Ratio Lower Upper

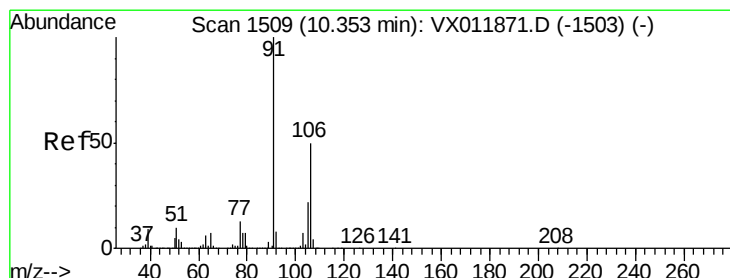
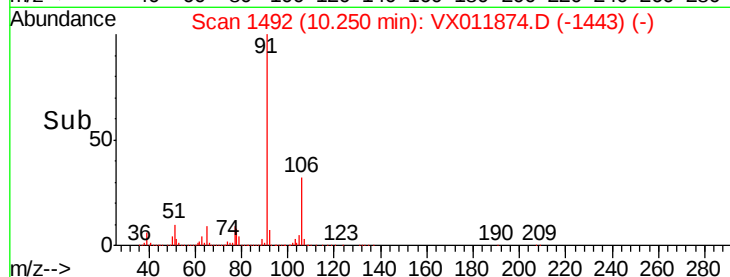
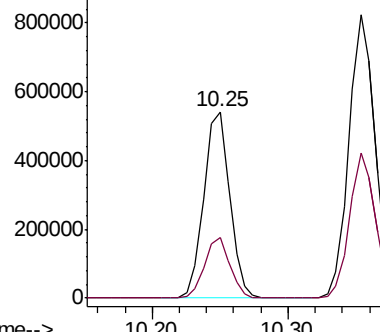
91 100

106 32.4 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 94.884 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VX011874.D

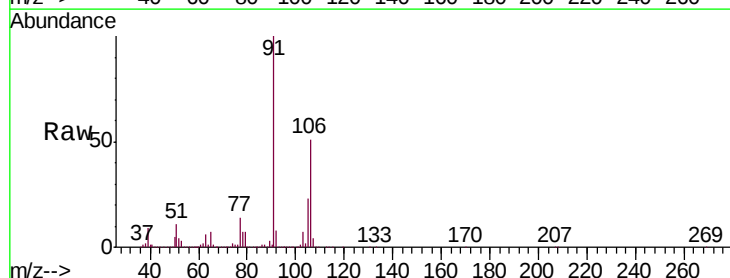
Acq: 28 Aug 2019 16:18

Tgt Ion:106 Resp: 552292

Ion Ratio Lower Upper

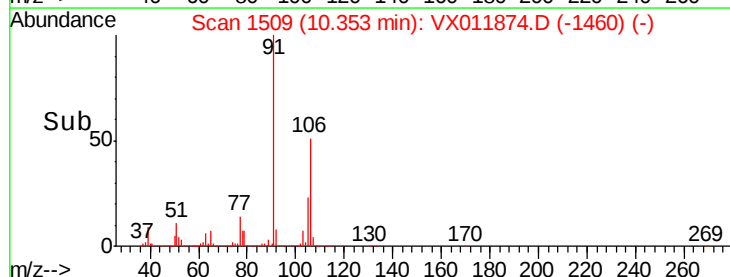
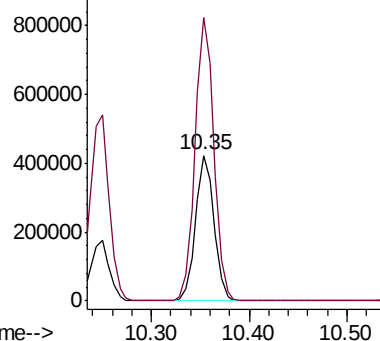
106 100

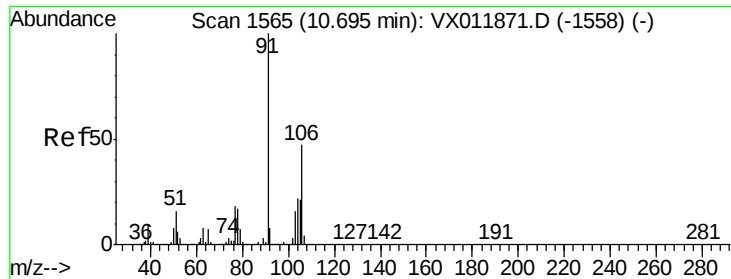
91 198.0 158.9 238.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

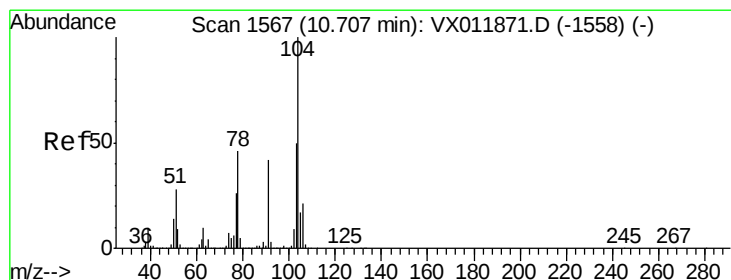
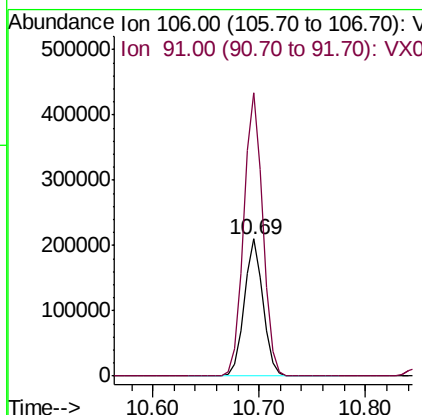
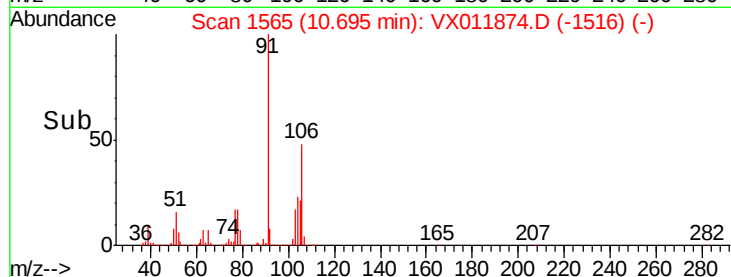
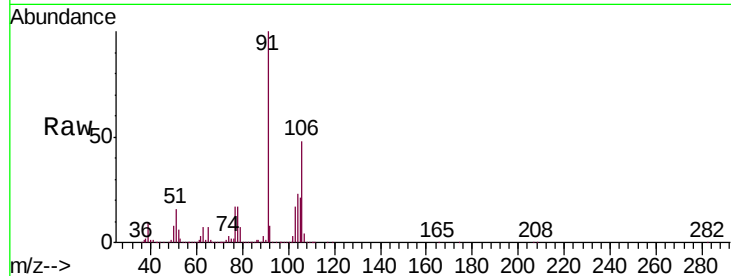




#69
o-Xylene
Concen: 47.254 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

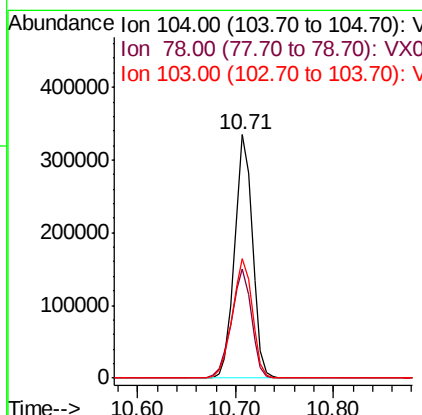
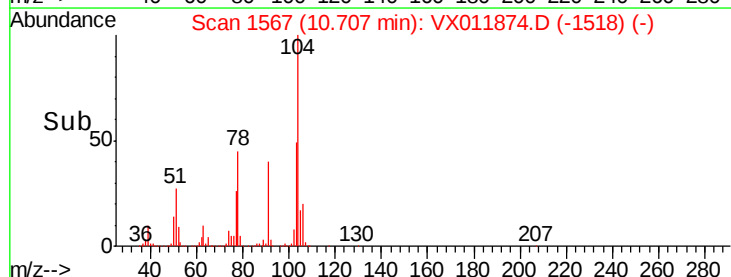
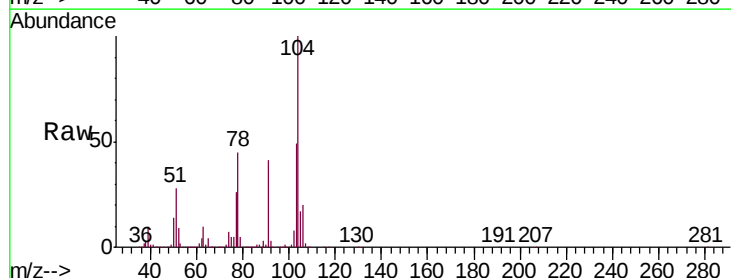
Instrument :
MSVOA_X
ClientSampleId :

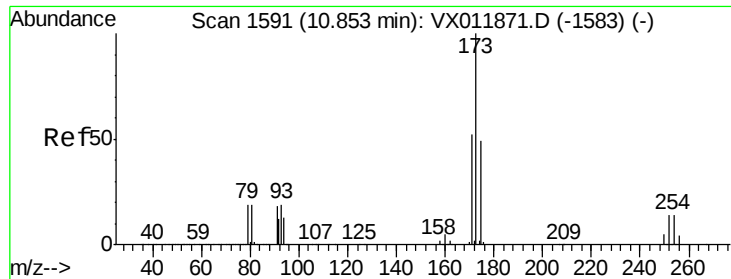
Tot Ion:106 Resp: 258820
Ion Ratio Lower Upper
106 100
91 210.3 105.6 316.8



#70
Styrene
Concen: 47.198 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

Tgt Ion:104 Resp: 427547
Ion Ratio Lower Upper
104 100
78 50.4 40.4 60.6
103 54.8 43.5 65.3





#71

Bromoform

Concen: 46.124 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

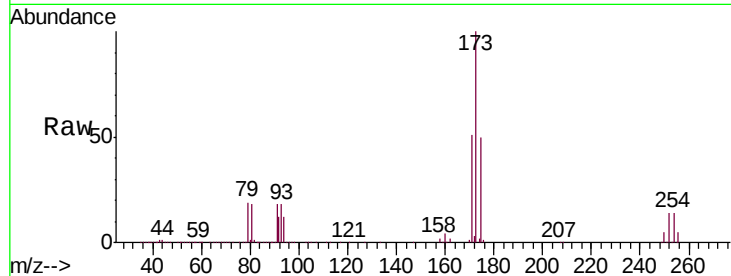
Tot Ion:173 Resp: 97605

Ion Ratio Lower Upper

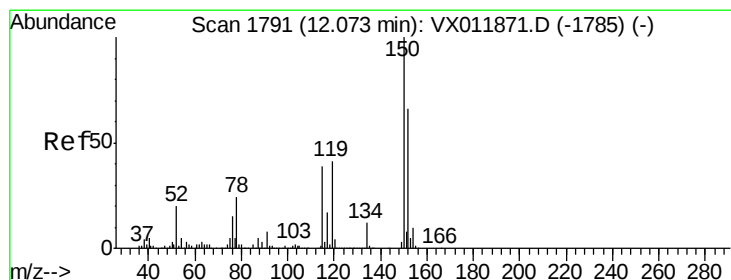
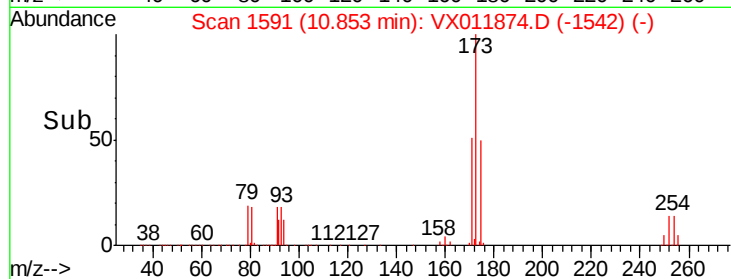
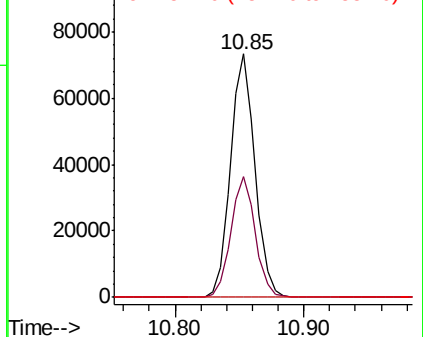
173 100

175 49.5 23.8 71.2

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: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

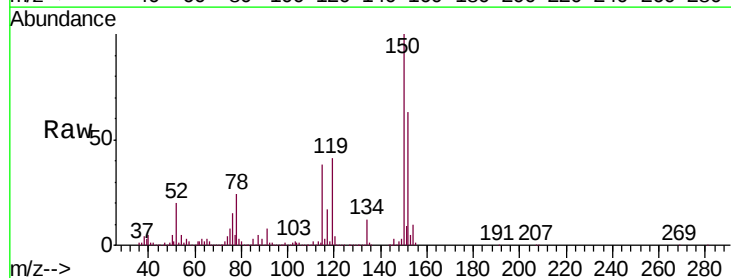
Tgt Ion:152 Resp: 255080

Ion Ratio Lower Upper

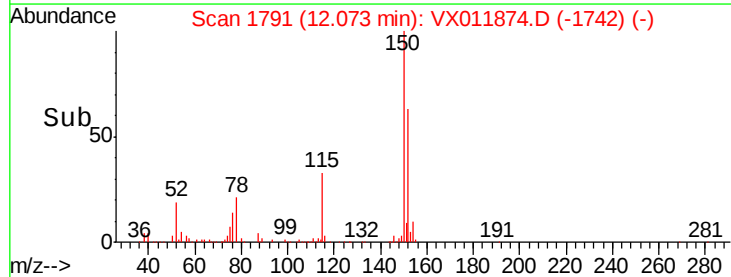
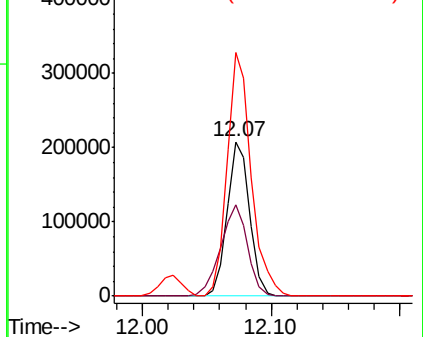
152 100

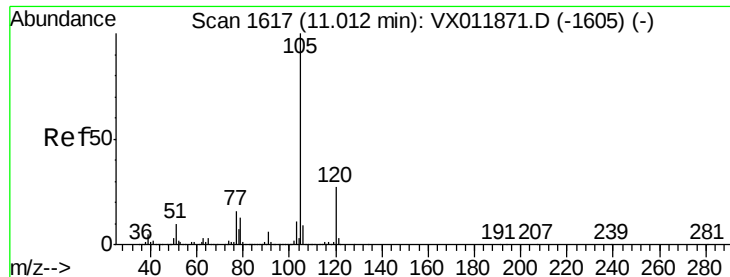
115 70.4 36.0 108.1

150 168.7 0.0 341.4



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: 47.002 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

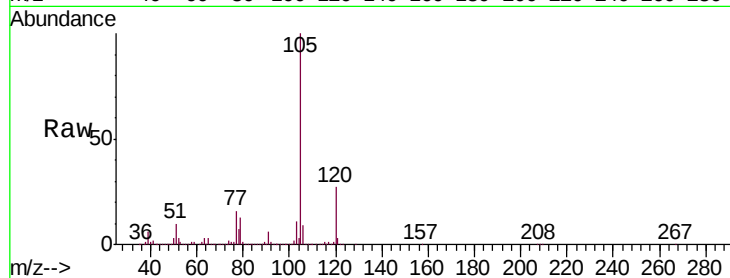
ClientSampleId :

Tot Ion:105 Resp: 692334

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

600000

500000

400000

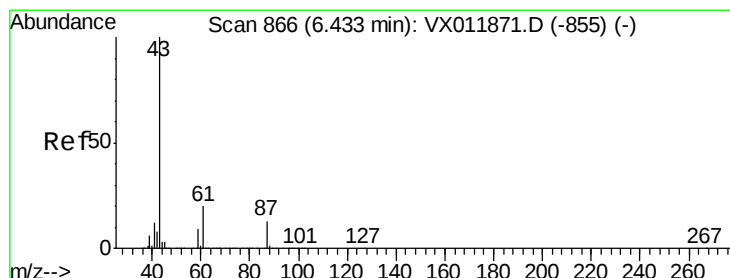
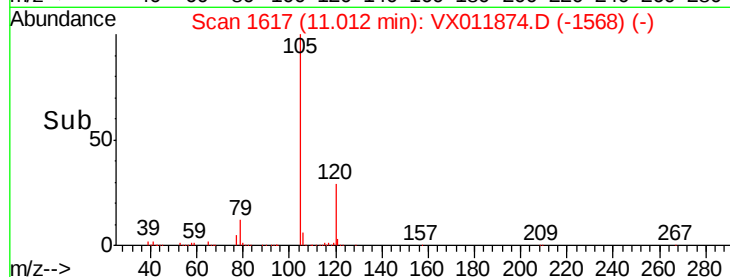
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 42.974 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Tgt Ion: 43 Resp: 159405

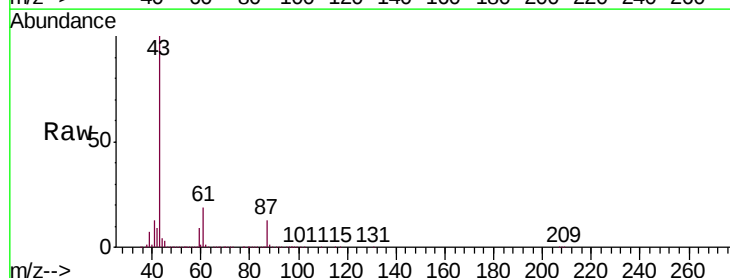
Ion Ratio Lower Upper

43 100

70 0.1 0.1 0.1

55 0.0 0.1 0.1#

61 20.2 15.6 23.4



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

100000

80000

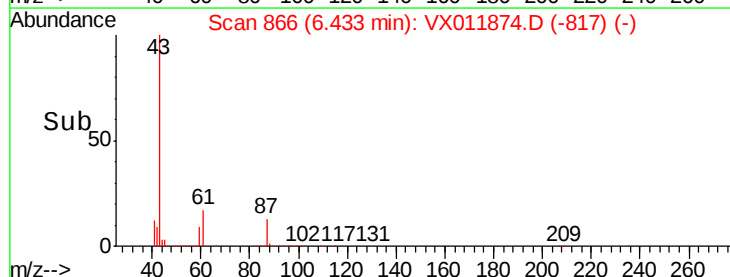
60000

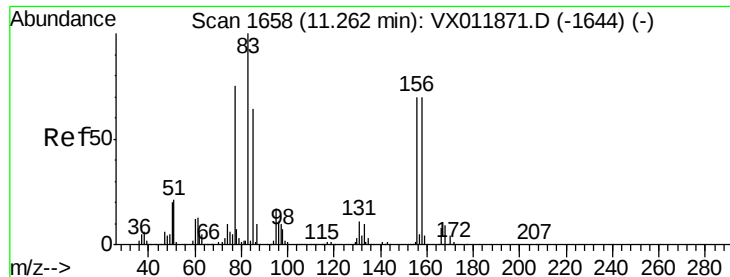
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 44.316 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

ClientSampled :

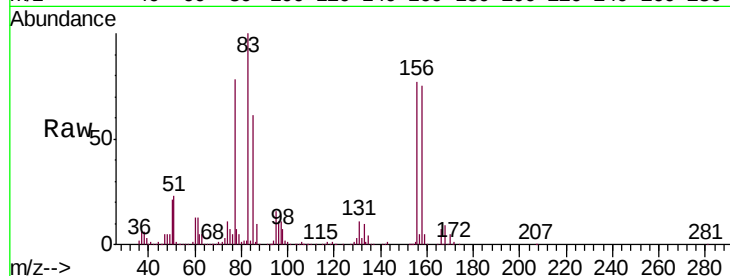
Tot Ion: 83 Resp: 109226

Ion Ratio Lower Upper

83 100

131 11.8 6.0 18.1

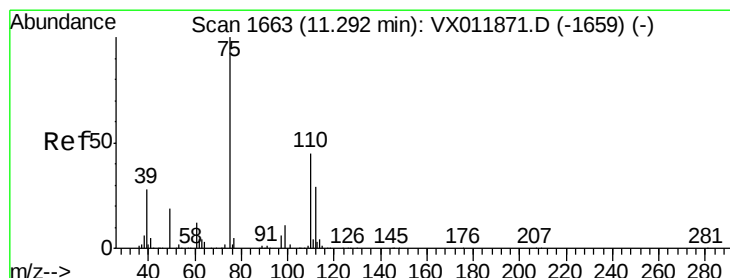
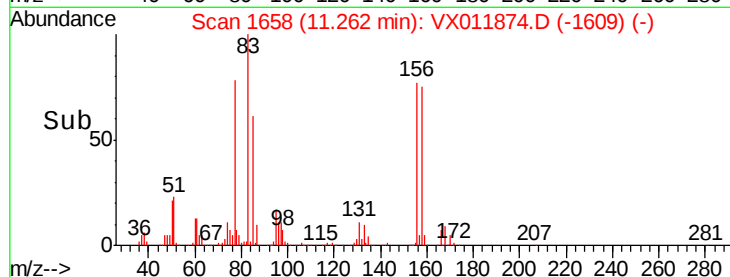
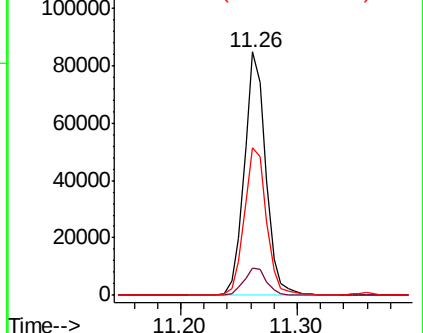
85 62.5 31.9 95.9



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: 51.637 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011874.D

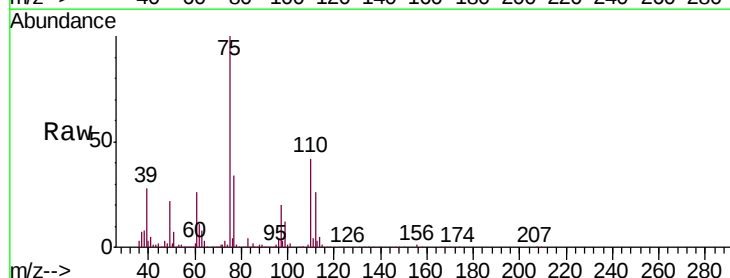
Acq: 28 Aug 2019 16:18

Tgt Ion: 75 Resp: 101169

Ion Ratio Lower Upper

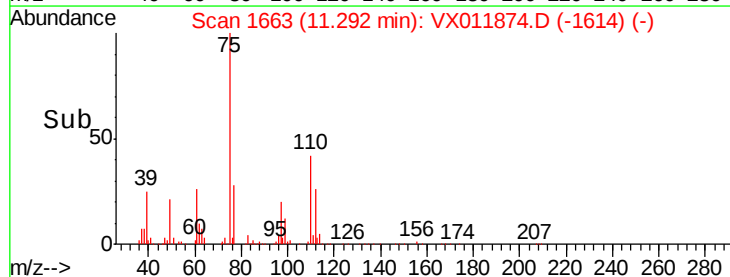
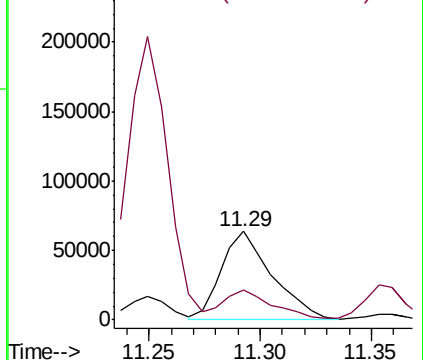
75 100

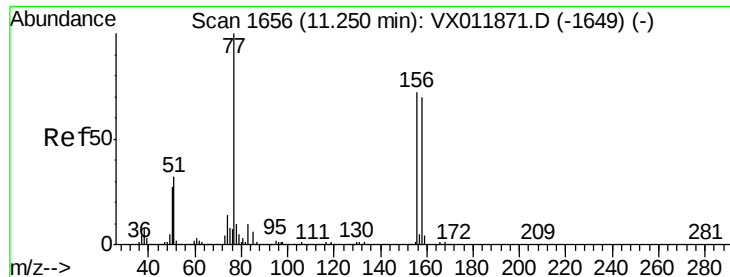
77 32.8 19.5 58.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.570 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

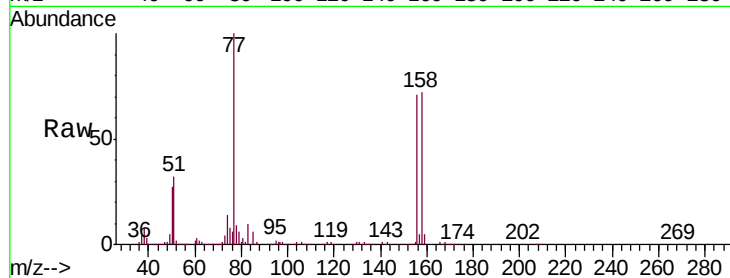
Tot Ion:156 Resp: 187131

Ion Ratio Lower Upper

156 100

77 137.5 69.4 208.2

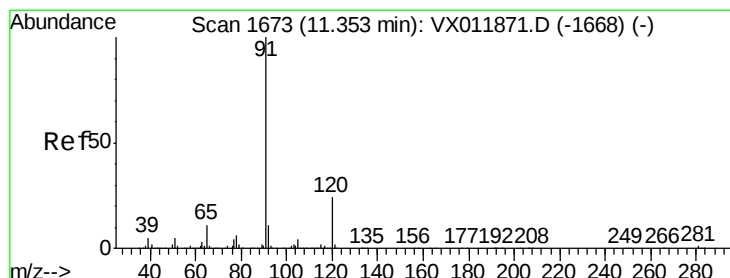
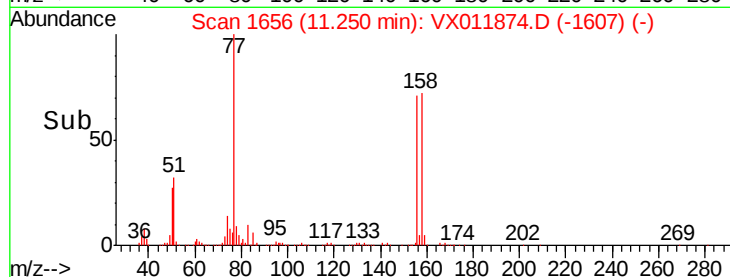
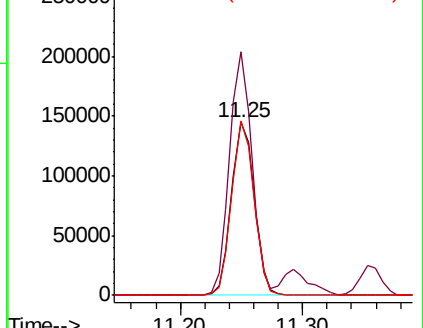
158 98.2 48.2 144.6



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: 47.389 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VX011874.D

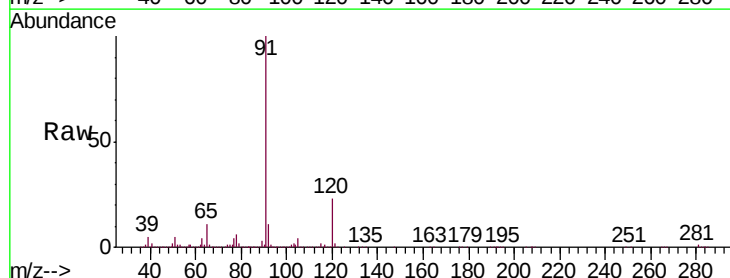
Acq: 28 Aug 2019 16:18

Tgt Ion: 91 Resp: 767864

Ion Ratio Lower Upper

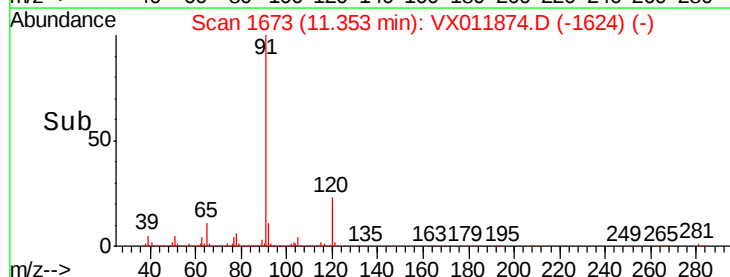
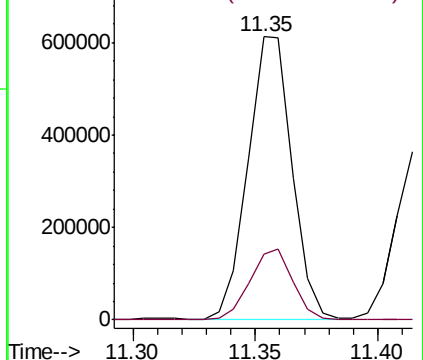
91 100

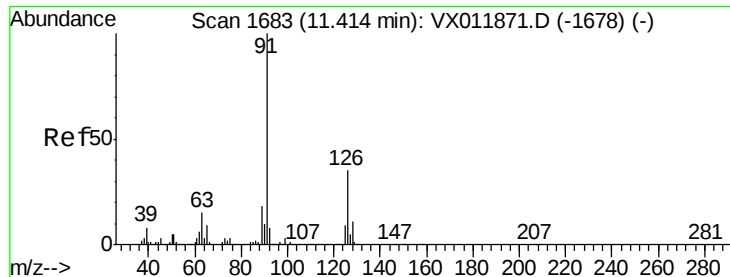
120 24.3 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

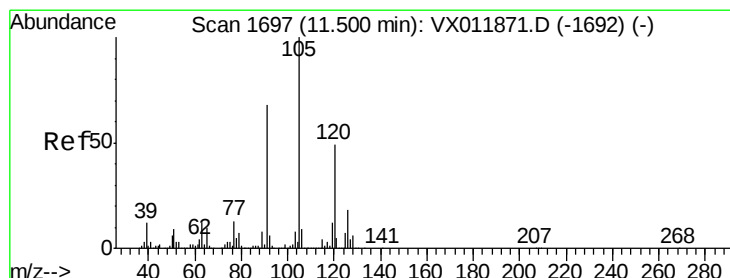
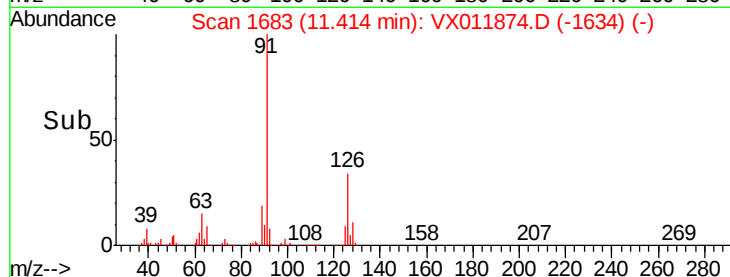
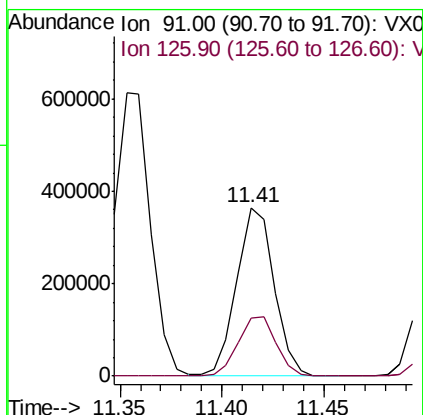
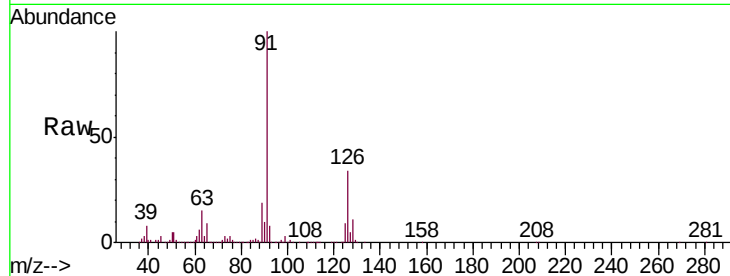




#79
2-Chlorotoluene
Concen: 45.655 ug/l
RT: 11.41 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

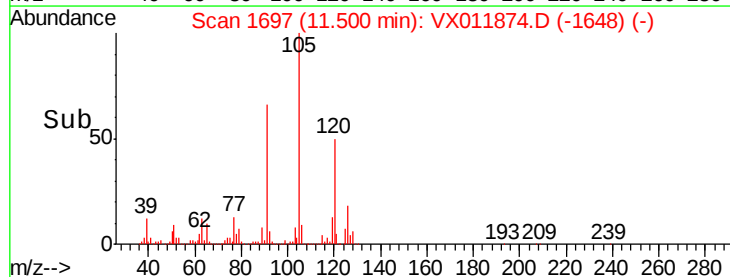
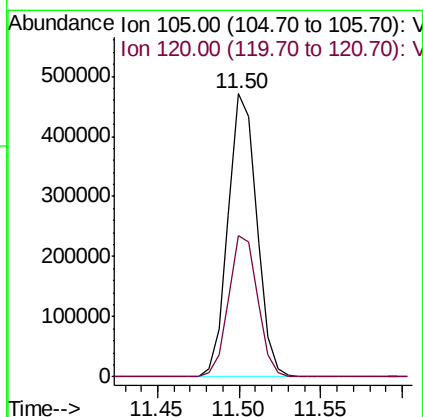
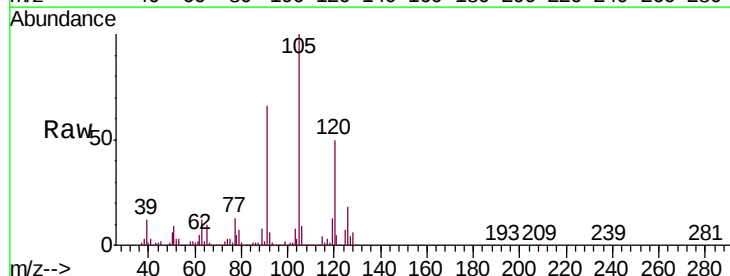
Instrument :
MSVOA_X
ClientSampleId :

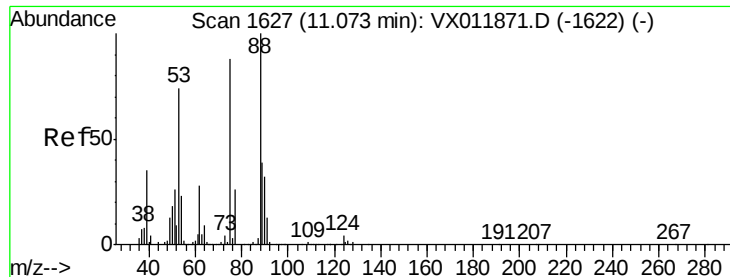
Tot Ion: 91 Resp: 463591
Ion Ratio Lower Upper
91 100
126 36.2 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 46.463 ug/l
RT: 11.50 min Scan# 1697
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

Tgt Ion:105 Resp: 574197
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.8

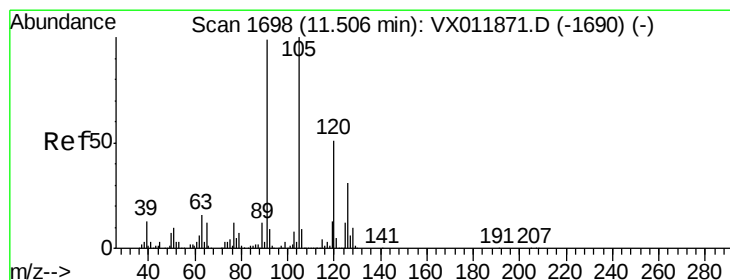
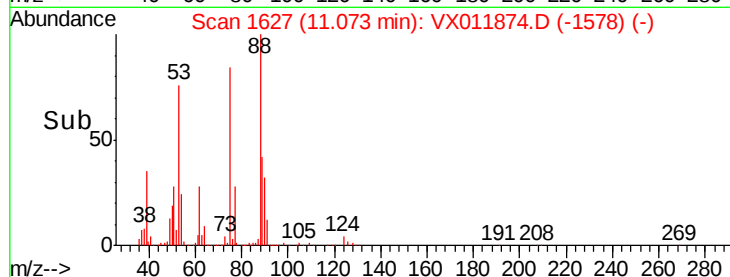
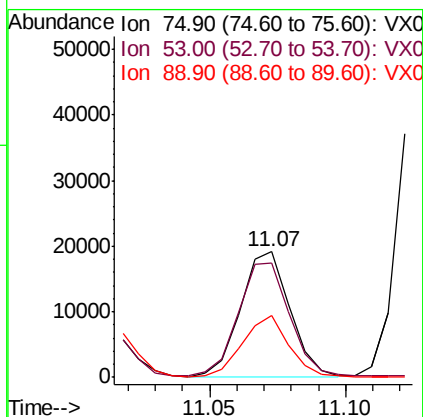
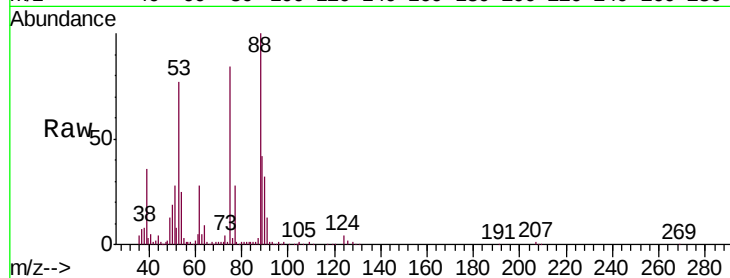




#81
trans-1,4-Dichloro-2-butene
Concen: 45.005 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

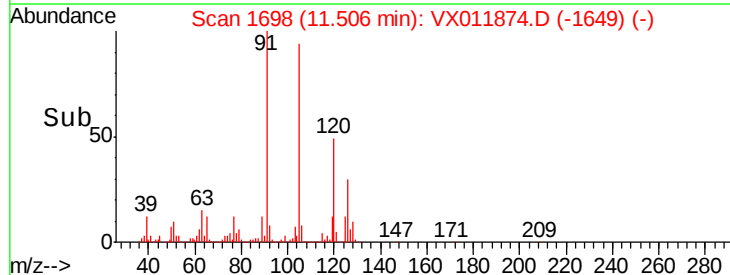
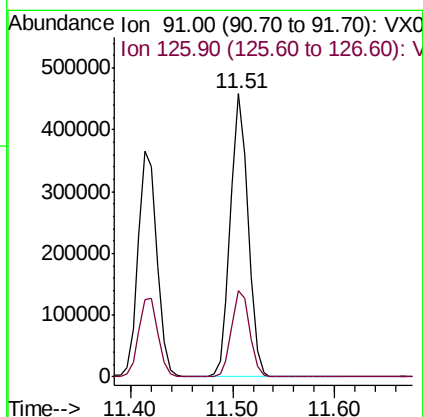
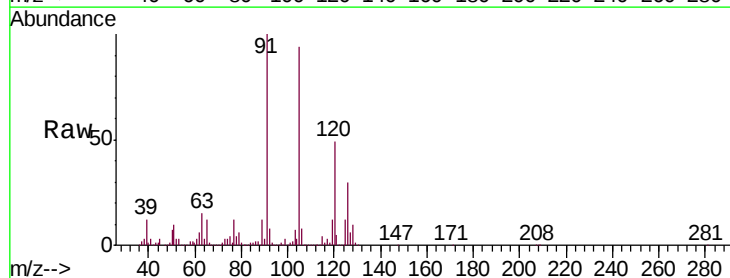
Instrument :
MSVOA_X
ClientSampleId :

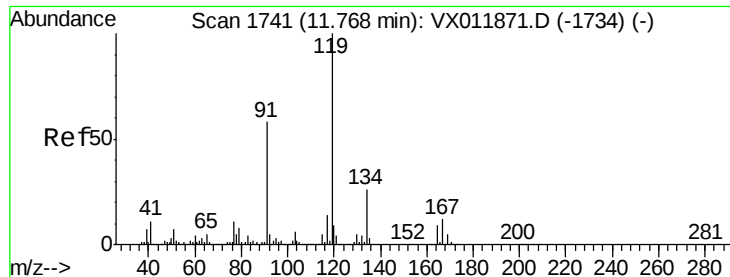
Tot Ion: 75 Resp: 23954
Ion Ratio Lower Upper
75 100
53 95.5 73.3 109.9
89 47.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 46.579 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

Tgt Ion: 91 Resp: 548316
Ion Ratio Lower Upper
91 100
126 31.1 15.4 46.2

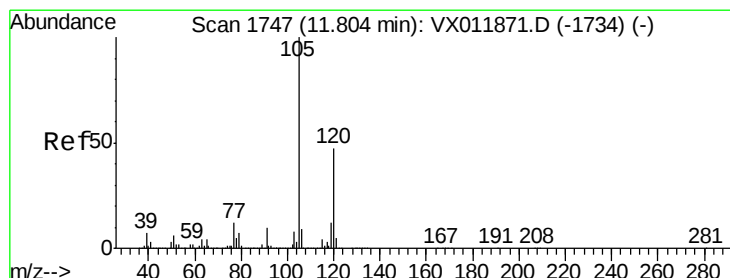
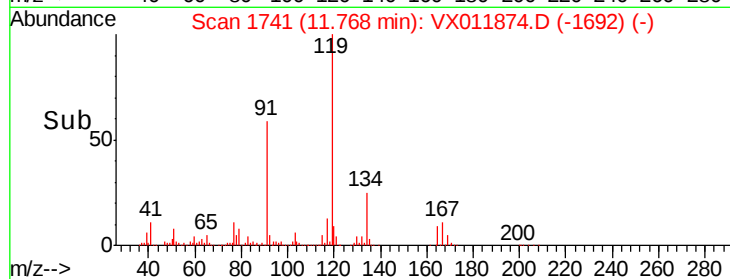
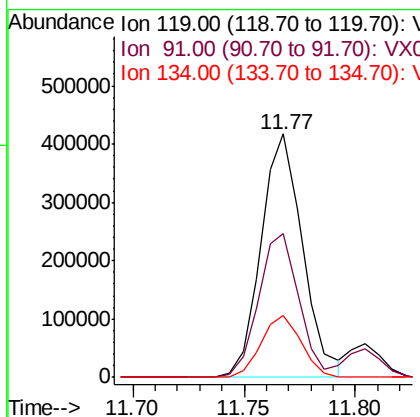
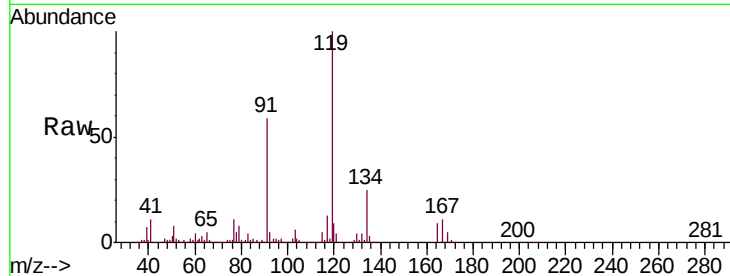




#83
 tert-Butylbenzene
 Concen: 47.065 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011874.D
 Acq: 28 Aug 2019 16:18

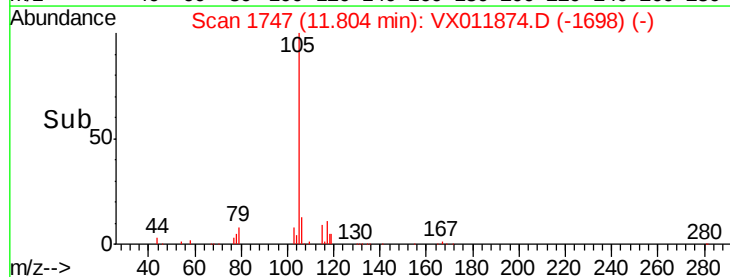
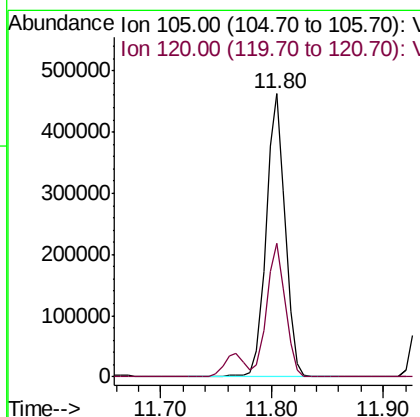
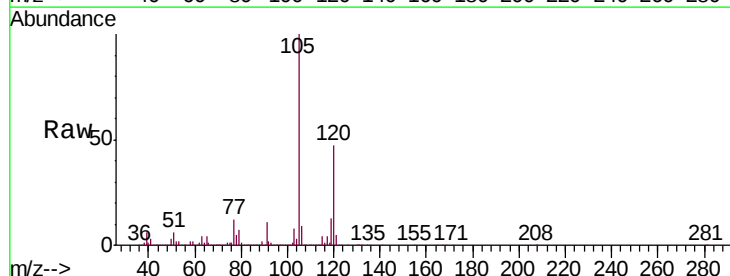
Instrument :
 MSVOA_X
 ClientSampleId :

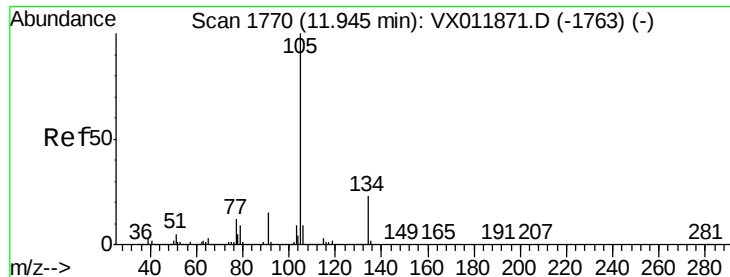
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.0	28.6	85.8
134	24.5	12.4	37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 47.133 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011874.D
 Acq: 28 Aug 2019 16:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.4	70.0





#85

sec-Butylbenzene

Concen: 47.381 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

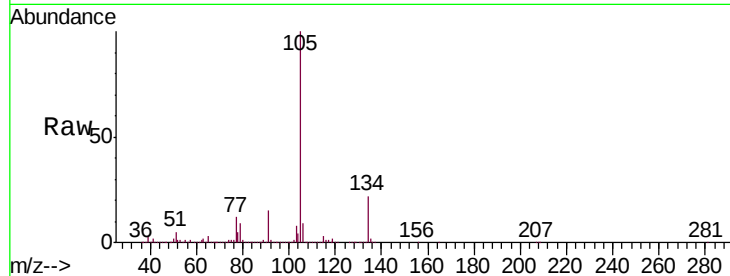
ClientSampled :

Tot Ion:105 Resp: 632145

Ion Ratio Lower Upper

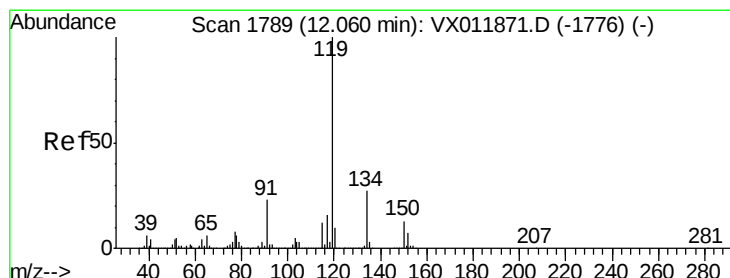
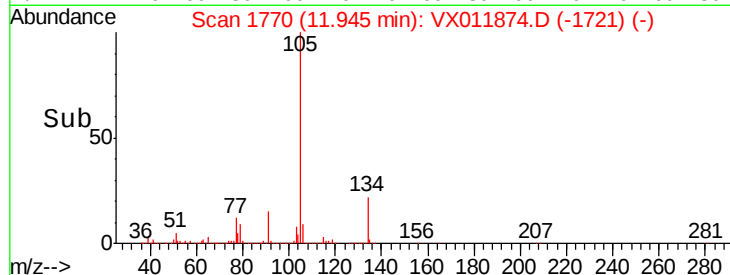
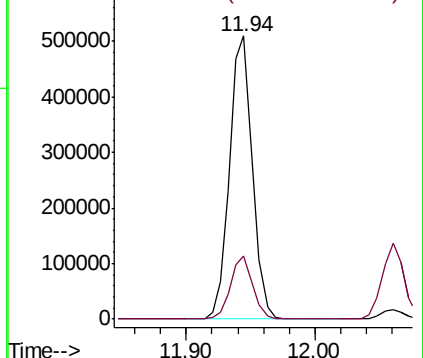
105 100

134 21.6 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.542 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

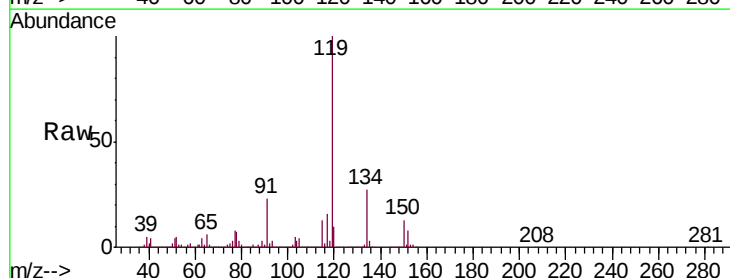
Tgt Ion:119 Resp: 584233

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

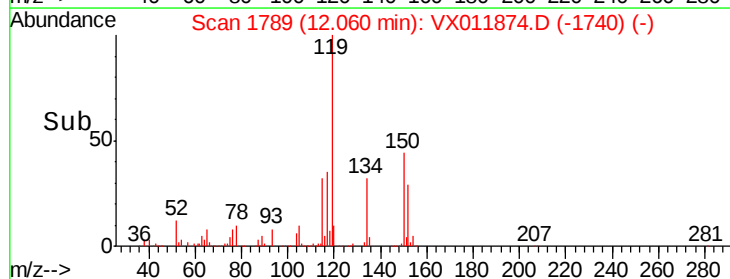
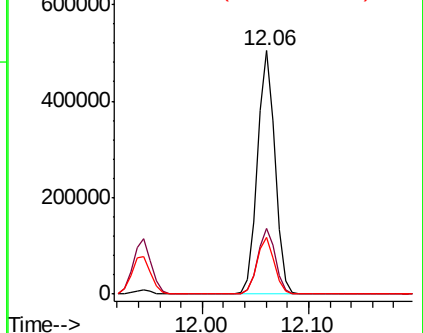
91 23.3 11.7 35.0

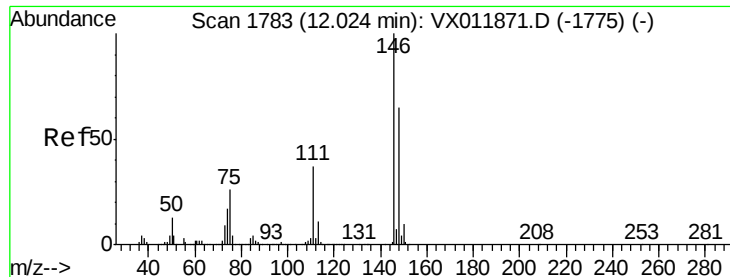


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

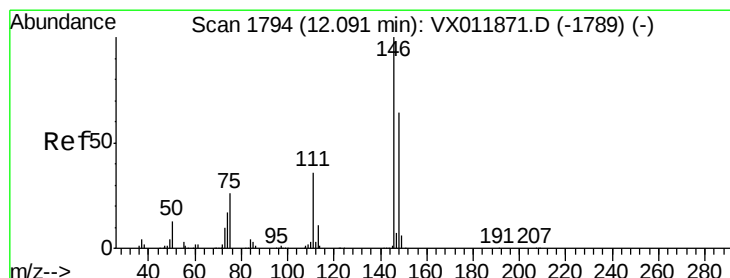
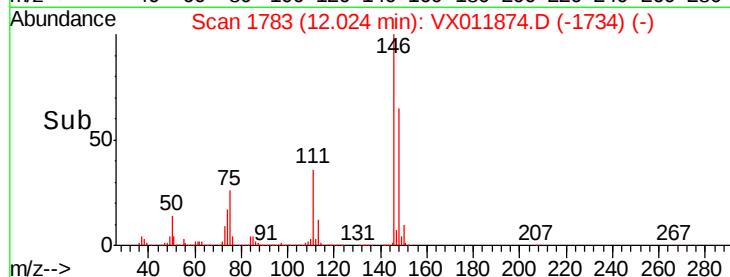
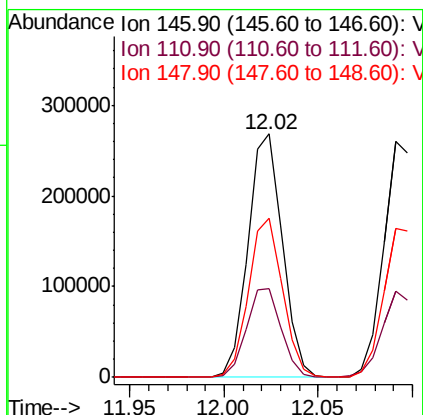
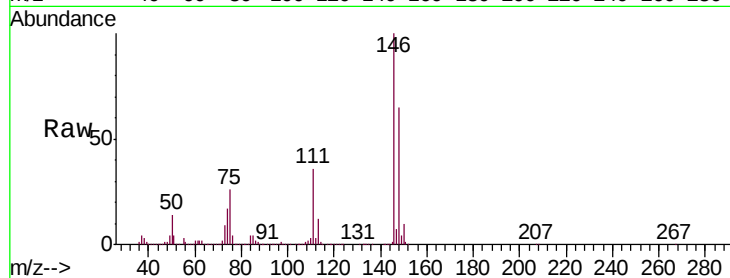




#87
 1,3-Dichlorobenzene
 Concen: 46.041 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011874.D
 Acq: 28 Aug 2019 16:18

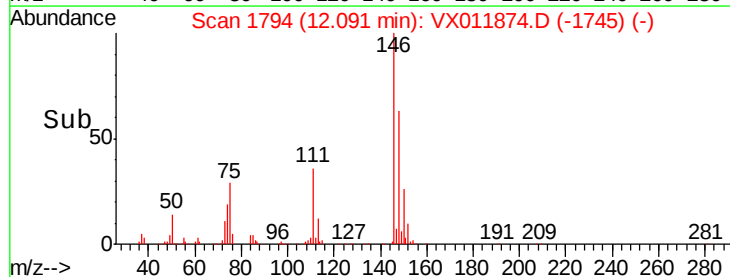
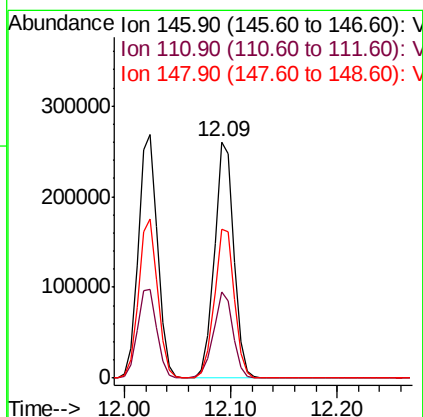
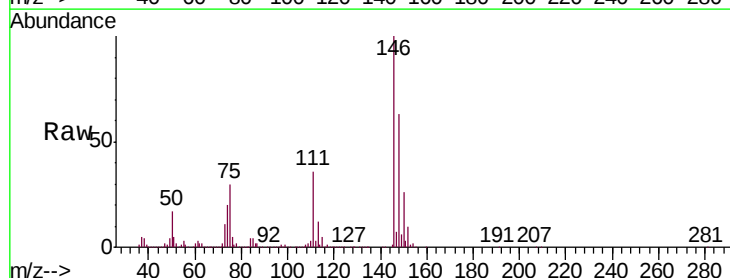
Instrument :
 MSVOA_X
 ClientSampleId :

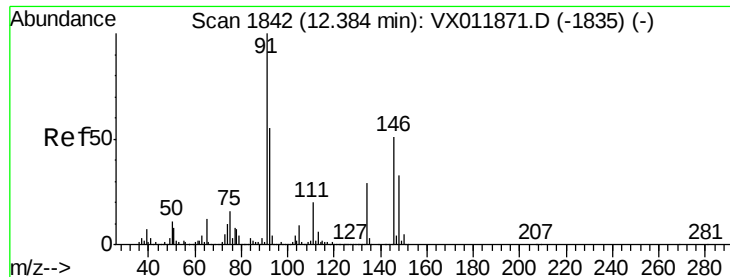
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.3
148	64.6	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 45.696 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: VX011874.D
 Acq: 28 Aug 2019 16:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.3	54.8
148	64.8	32.3	96.8

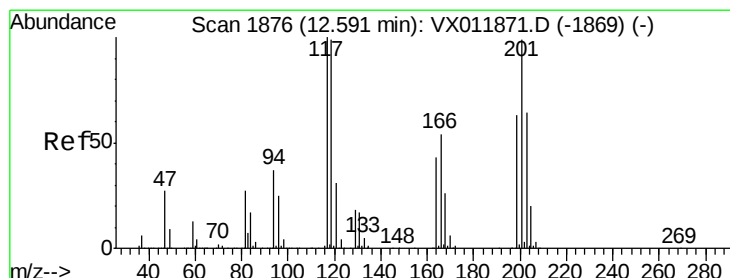
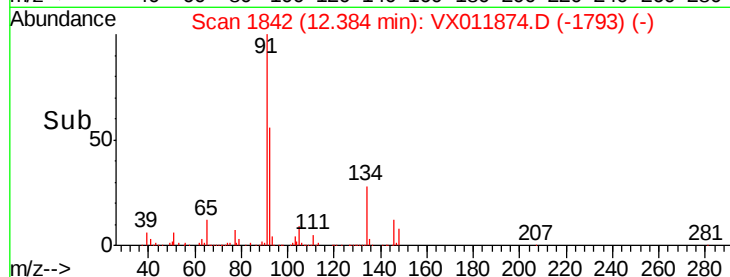
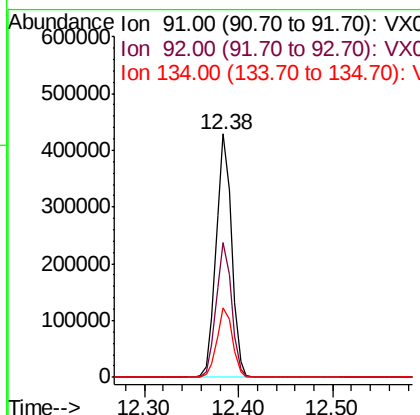
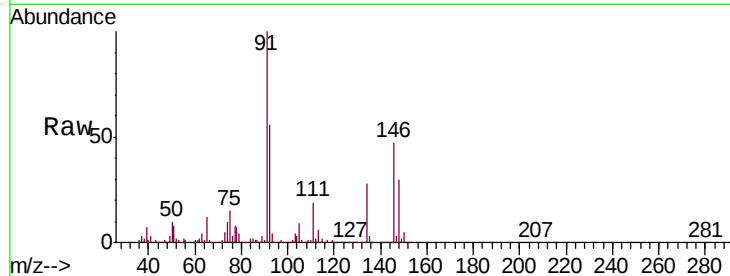




#89
n-Butylbenzene
Concen: 47.955 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

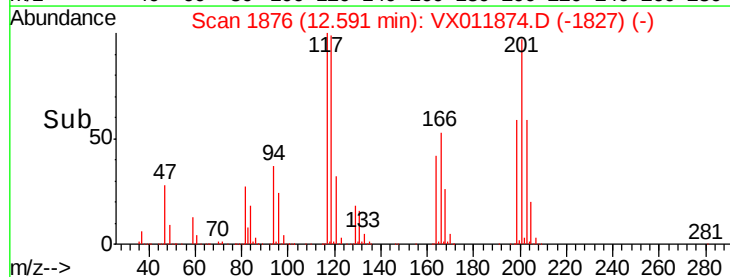
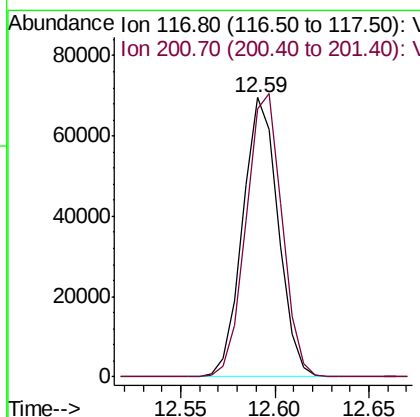
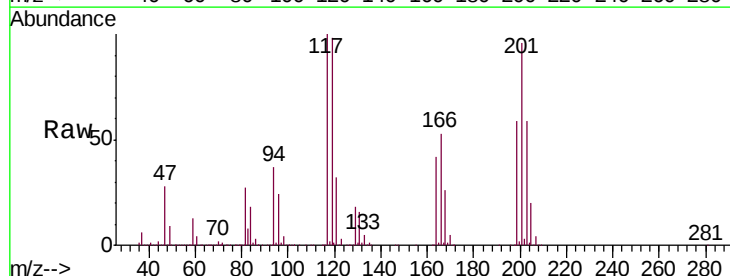
Instrument :
MSVOA_X
ClientSampled :

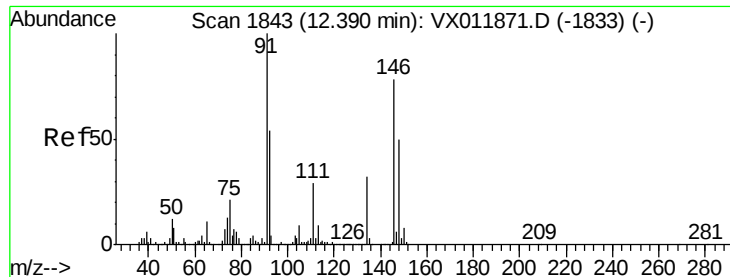
Tot Ion: 91 Resp: 488887
Ion Ratio Lower Upper
91 100
92 55.1 27.6 82.7
134 28.8 14.4 43.4



#90
Hexachloroethane
Concen: 46.186 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011874.D
Acq: 28 Aug 2019 16:18

Tgt Ion: 117 Resp: 91082
Ion Ratio Lower Upper
117 100
201 102.3 51.0 153.1





#91

1,2-Dichlorobenzene

Concen: 46.247 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

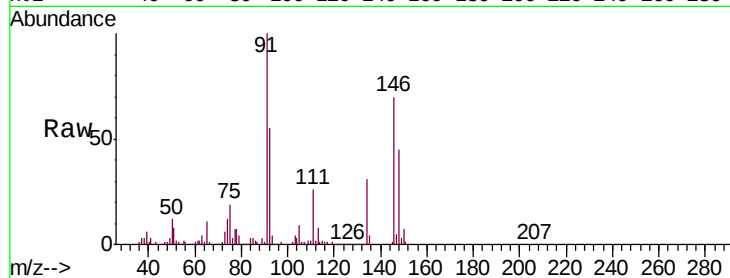
Tot Ion:146 Resp: 291119

Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.9

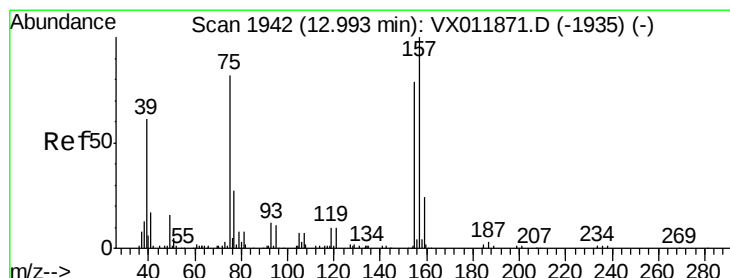
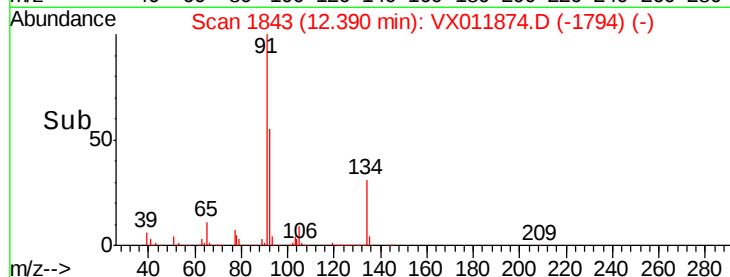
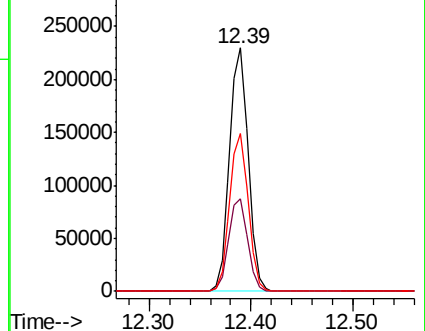
148 64.4 32.0 96.0



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: 41.537 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

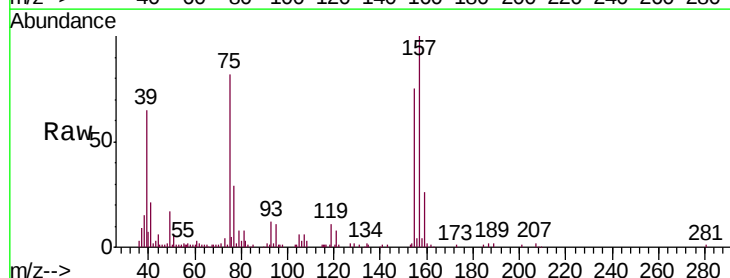
Tgt Ion: 75 Resp: 14414

Ion Ratio Lower Upper

75 100

155 98.5 50.3 150.9

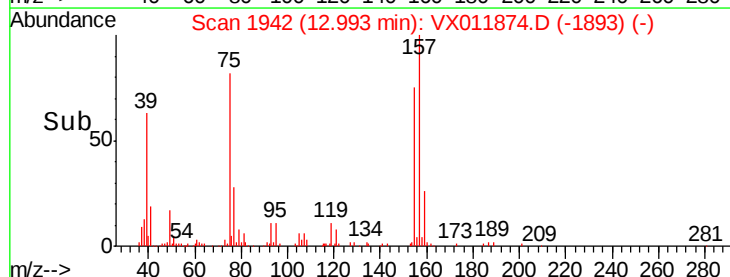
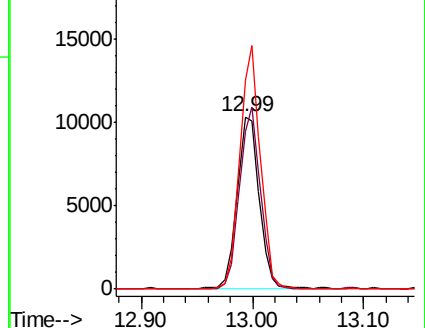
157 129.4 64.7 194.1

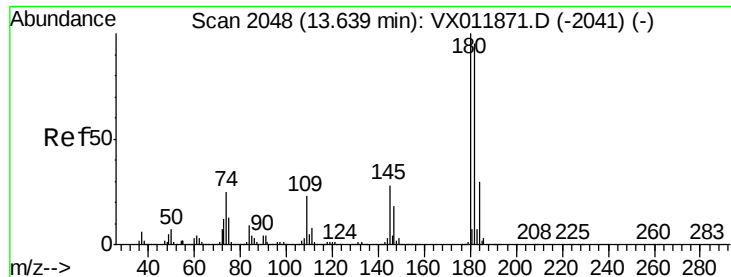


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

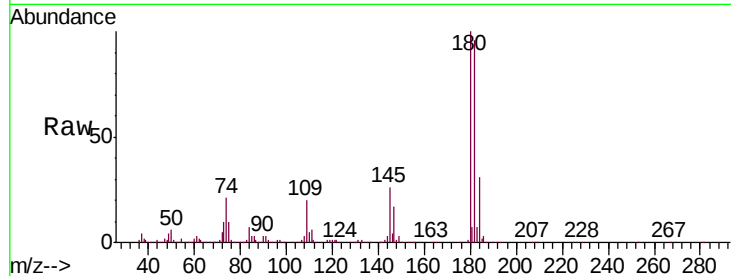




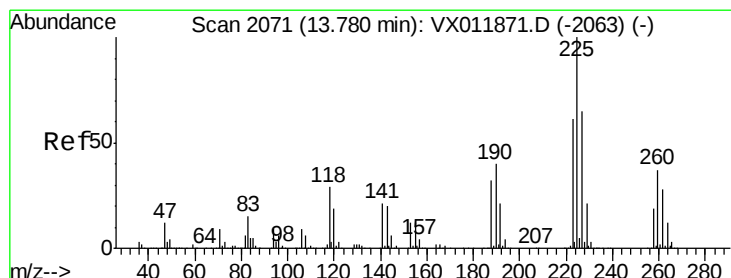
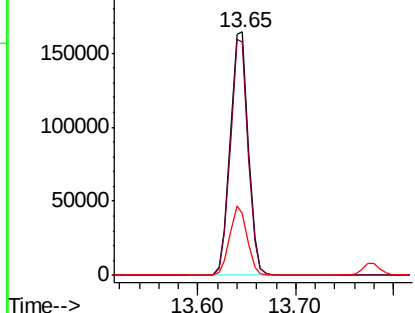
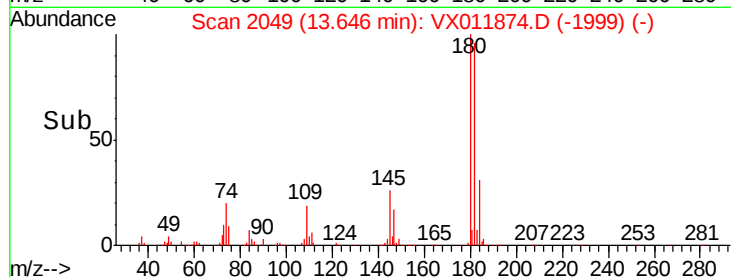
#93
 1,2,4-Trichlorobenzene
 Concen: 48.291 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: VX011874.D
 Acq: 28 Aug 2019 16:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.9	143.7
145	27.4	13.8	41.4

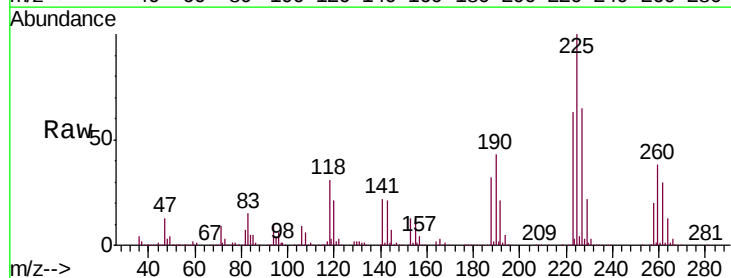


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

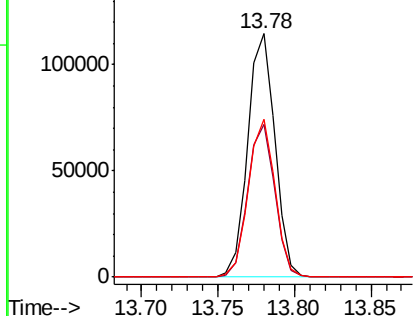
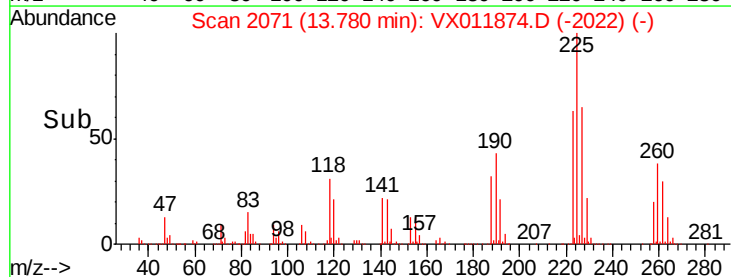


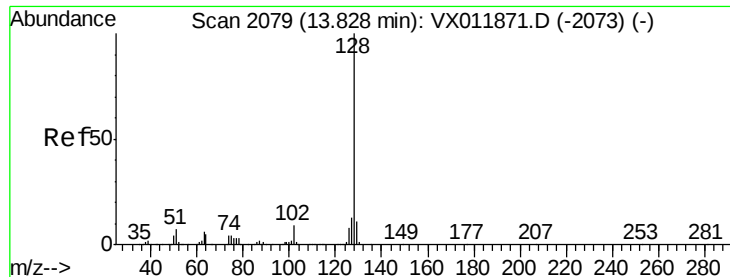
#94
 Hexachlorobutadiene
 Concen: 44.354 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011874.D
 Acq: 28 Aug 2019 16:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	30.9	92.8
227	63.7	32.5	97.5



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: 52.350 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

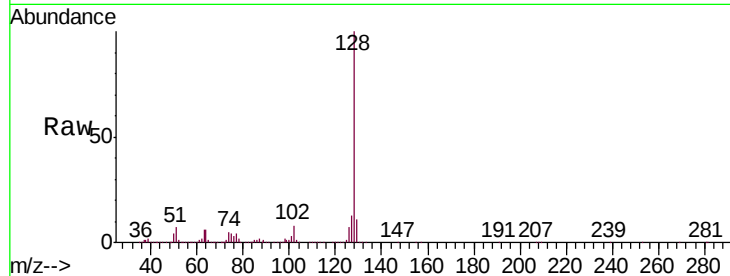
Tot Ion:128 Resp: 274983

Ion Ratio Lower Upper

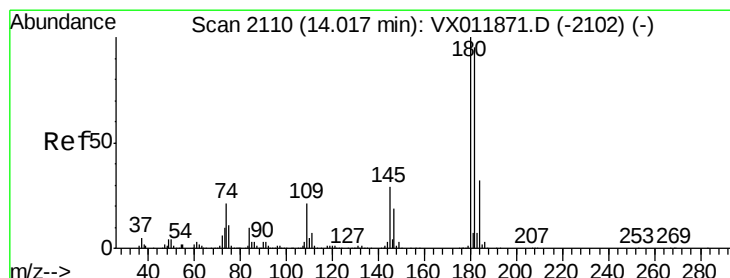
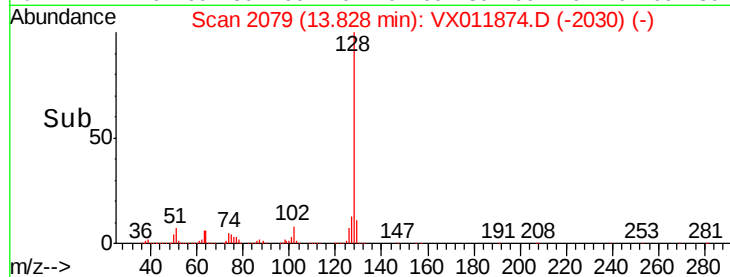
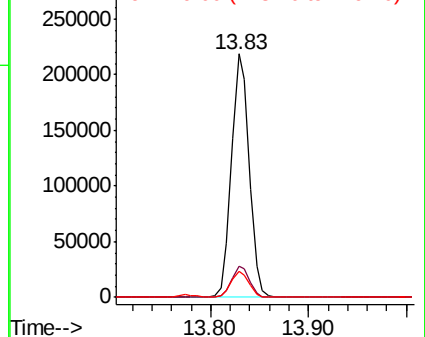
128 100

127 13.0 10.4 15.6

129 10.8 9.0 13.4



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: 48.851 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011874.D

Acq: 28 Aug 2019 16:18

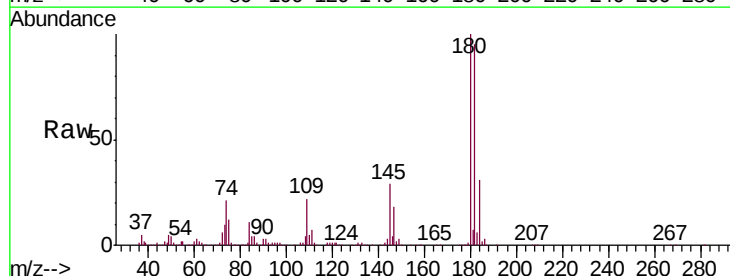
Tgt Ion:180 Resp: 173162

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.7

145 29.3 14.9 44.7



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

