

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
 Data File : VX011878.D
 Acq On : 28 Aug 2019 19:47
 Operator : SY/SP
 Sample : MDL01 2.5 PPB
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 29 11:31:20 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	323374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	468038	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	436464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	237093	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	152711	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
35) Dibromofluoromethane	5.49	113	135790	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
50) Toluene-d8	8.71	98	535872	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.13	95	208554	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	5438	2.712	ug/l	96
3) Chloromethane	1.32	50	9652	3.797	ug/l	100
4) Vinyl Chloride	1.40	62	6378	2.750	ug/l	99
5) Bromomethane	1.64	94	4779	3.514	ug/l	98
6) Chloroethane	1.72	64	3830	2.579	ug/l	99
7) Trichlorofluoromethane	1.93	101	9497	2.491	ug/l	99
8) Diethyl Ether	2.18	74	3621	3.115	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	6415	2.618	ug/l	96
11) Tert butyl alcohol	3.03	59	6031	3.992	ug/l #	90
12) 1,1-Dichloroethene	2.37	96	6235	2.572	ug/l	97
13) Acrolein	2.28	56	2650	24.495	ug/l #	52
14) Allyl chloride	2.72	41	10381	2.536	ug/l	95
15) Acrylonitrile	3.14	53	8875	14.364	ug/l	99
16) Acetone	2.43	43	43609	33.484	ug/l	97
17) Carbon Disulfide	2.56	76	18065	2.468	ug/l	99
18) Methyl Acetate	2.76	43	13460	Below Cal		98
19) Methyl tert-butyl Ether	3.18	73	19409	2.946	ug/l #	89
20) Methylene Chloride	2.85	84	15609	3.857	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	7501	2.736	ug/l	94
22) Diisopropyl ether	3.84	45	22899	2.817	ug/l #	85
23) Vinyl Acetate	3.81	43	37221	10.403	ug/l	95
24) 1,1-Dichloroethane	3.69	63	13025	2.717	ug/l	98
25) 2-Butanone	4.67	43	12898	15.342	ug/l	91
26) 2,2-Dichloropropane	4.58	77	8178	2.092	ug/l	78
27) cis-1,2-Dichloroethene	4.59	96	8476	2.710	ug/l	95
28) Bromochloromethane	5.00	49	5951	2.765	ug/l #	10
29) Tetrahydrofuran	5.13	42	7797	15.672	ug/l	95
30) Chloroform	5.20	83	15359	3.062	ug/l	100
31) Cyclohexane	5.57	56	10320	2.472	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	11019	2.443	ug/l	97
36) 1,1-Dichloropropene	5.79	75	9775	2.539	ug/l	97
37) Ethyl Acetate	4.82	43	4331	2.675	ug/l #	75
38) Carbon Tetrachloride	5.77	117	8471	2.258	ug/l	92
39) Methylcyclohexane	7.46	83	11748	2.497	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.13	78	28641	2.579	ug/l	100
41) Methacrylonitrile	5.04	41	3166	2.883	ug/l #	74
42) 1,2-Dichloroethane	6.19	62	9748	2.765	ug/l	86
43) Isopropyl Acetate	6.45	43	8155	2.564	ug/l	96
44) Trichloroethene	7.21	130	10107	2.707	ug/l	94
45) 1,2-Dichloropropane	7.51	63	7218	2.612	ug/l	93
46) Dibromomethane	7.66	93	4387	2.680	ug/l	94
47) Bromodichloromethane	7.89	83	8861	2.302	ug/l #	97
48) Methyl methacrylate	7.77	41	4167	2.620	ug/l	99
49) 1,4-Dioxane	7.74	88	1917	111.854	ug/l #	80
51) 4-Methyl-2-Pentanone	8.63	43	35036	27.347	ug/l	100
52) Toluene	8.78	92	18883	2.639	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	6967	2.124	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	9522	2.300	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	6124	2.871	ug/l	93
56) Ethyl methacrylate	9.18	69	5175	2.488	ug/l	88
57) 1,3-Dichloropropane	9.37	76	9163	2.584	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	6625	35.425	ug/l	97
59) 2-Hexanone	9.49	43	26371	32.210	ug/l	100
60) Dibromochloromethane	9.58	129	7070	2.490	ug/l	100
61) 1,2-Dibromoethane	9.67	107	5246	2.511	ug/l	100
64) Tetrachloroethene	9.33	164	11486	2.704	ug/l	98
65) Chlorobenzene	10.13	112	21284	2.633	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	6749	2.276	ug/l #	65
67) Ethyl Benzene	10.25	91	37459	2.698	ug/l	97
68) m/p-Xylenes	10.35	106	29254	5.535	ug/l	99
69) o-Xylene	10.69	106	14479	2.911	ug/l	99
70) Stvrene	10.71	104	20941	2.546	ug/l	98
71) Bromoform	10.85	173	4476	2.329	ug/l #	98
73) Isopropylbenzene	11.01	105	44921	3.281	ug/l	100
74) N-amyl acetate	6.45	43	8155	2.365	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	6228	2.719	ug/l	94
76) 1,2,3-Trichloropropane	11.29	75	5093	2.797	ug/l	89
77) Bromobenzene	11.25	156	10730	2.811	ug/l	97
78) n-propylbenzene	11.35	91	54146	3.595	ug/l	99
79) 2-Chlorotoluene	11.41	91	28135	2.981	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	38652	3.365	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	104964	212.166	ug/l #	13
82) 4-Chlorotoluene	11.51	91	34418	3.146	ug/l	99
83) tert-Butylbenzene	11.77	119	39433	3.694	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	42135	3.867	ug/l	99
85) sec-Butylbenzene	11.94	105	53354	4.302	ug/l	99
86) p-Isopropyltoluene	12.06	119	52556	4.601	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	22589	3.296	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	23386	3.523	ug/l	90
89) n-Butylbenzene	12.38	91	50118	5.289	ug/l	99
90) Hexachloroethane	12.59	117	3480	1.899	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	22380	3.825	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1028	3.187	ug/l	85
93) 1,2,4-Trichlorobenzene	13.64	180	23449	5.775	ug/l	99

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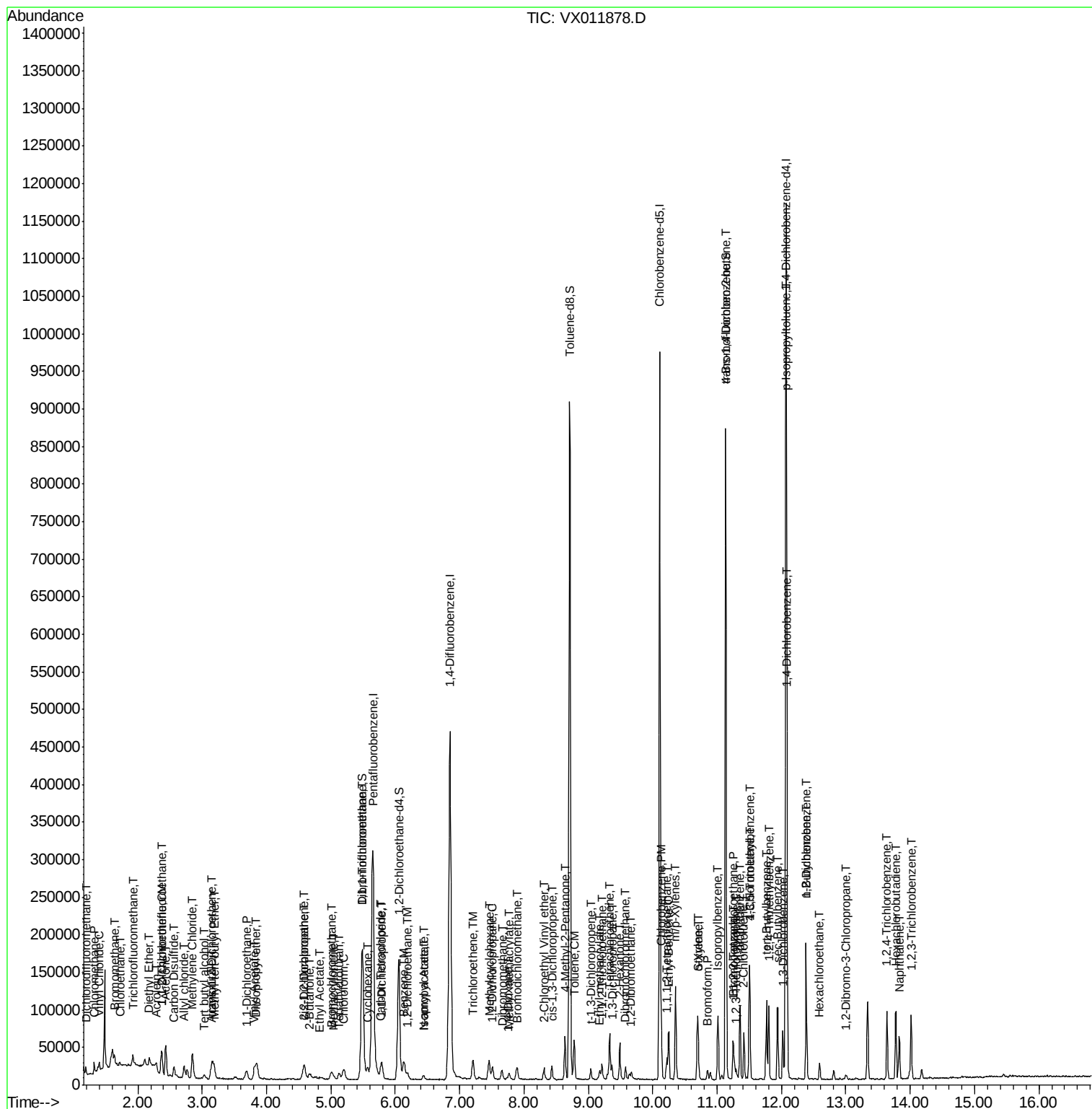
Instrument :
MSVOA_X
ClientSampleId :

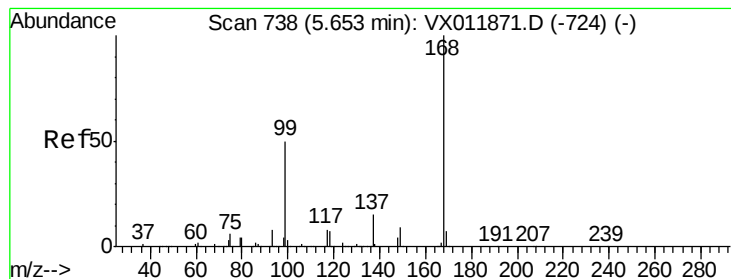
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	15107	5.102	ug/l	99
95) Naphthalene	13.83	128	35089	7.187	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	21855	6.633	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

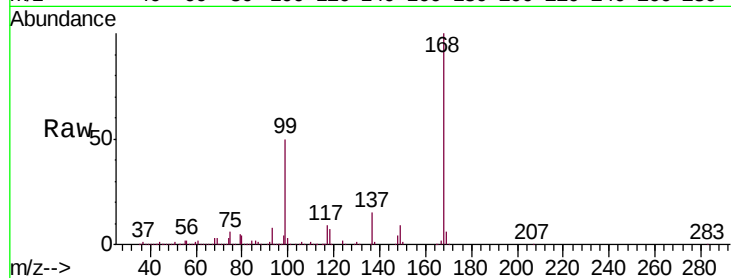
ClientSampleId :

Tot Ion:168 Resp: 323374

Ion Ratio Lower Upper

168 100

99 49.8 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

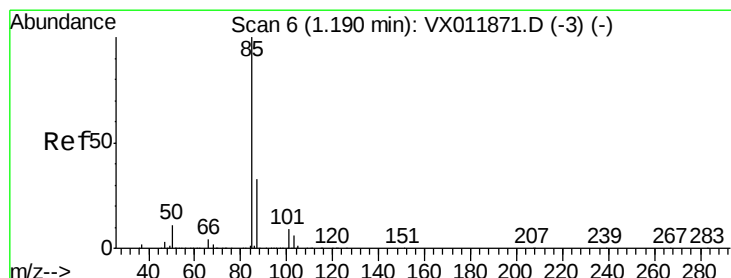
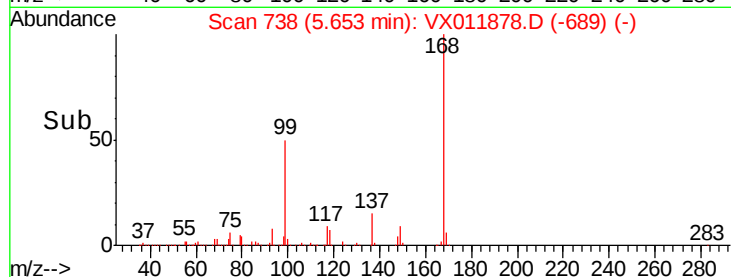
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 2.712 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011878.D

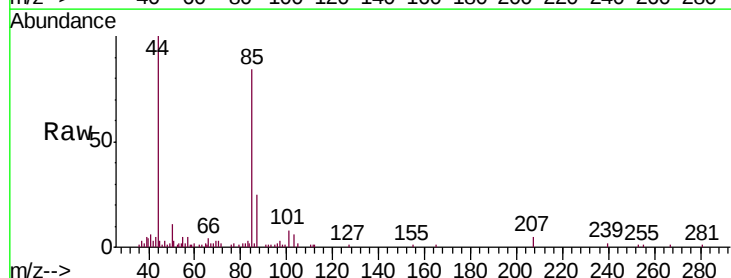
Acq: 28 Aug 2019 19:47

Tgt Ion: 85 Resp: 5438

Ion Ratio Lower Upper

85 100

87 30.5 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

6000

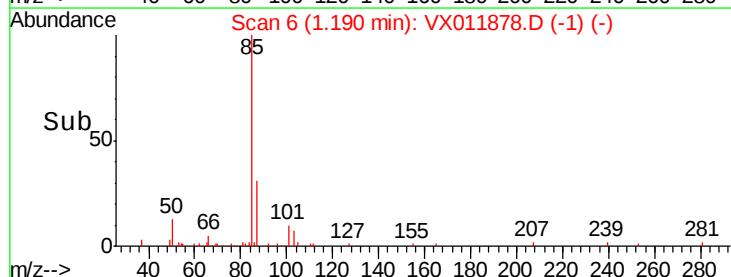
4000

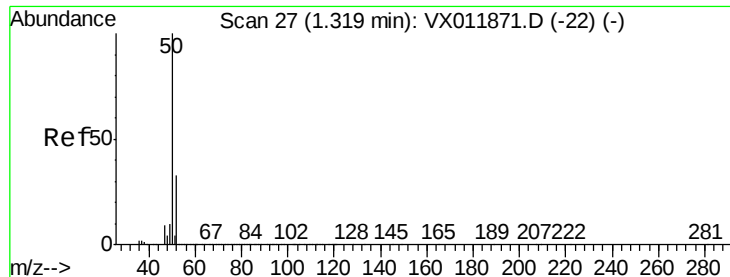
2000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 3.797 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

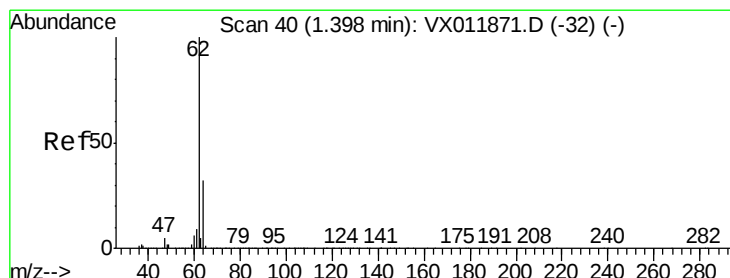
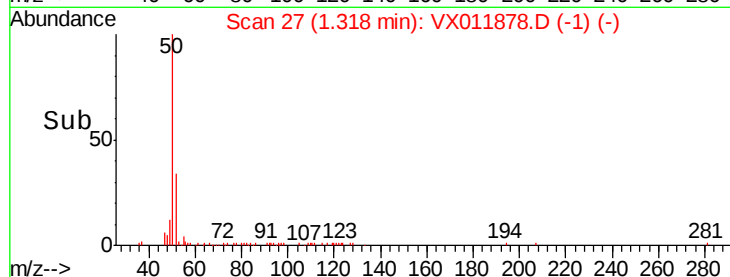
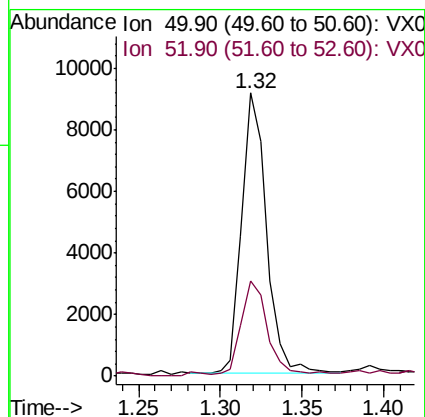
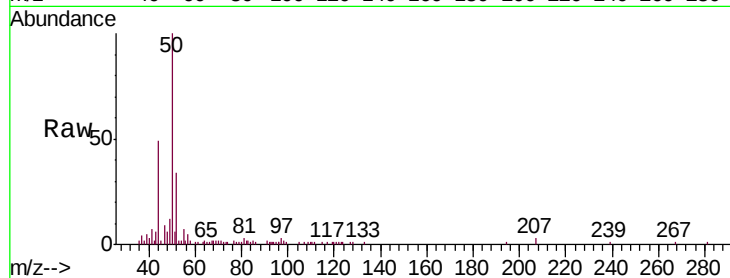
ClientSampled :

Tot Ion: 50 Resp: 9652

Ion Ratio Lower Upper

50 100

52 33.0 26.5 39.7



#4

Vinyl Chloride

Concen: 2.750 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011878.D

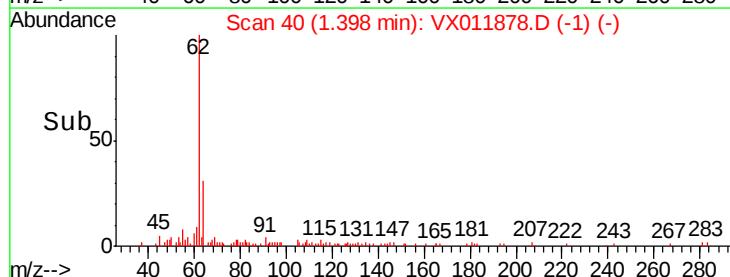
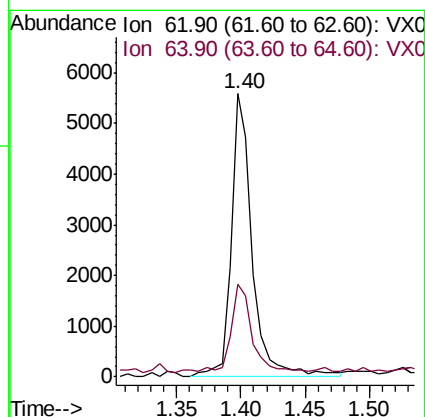
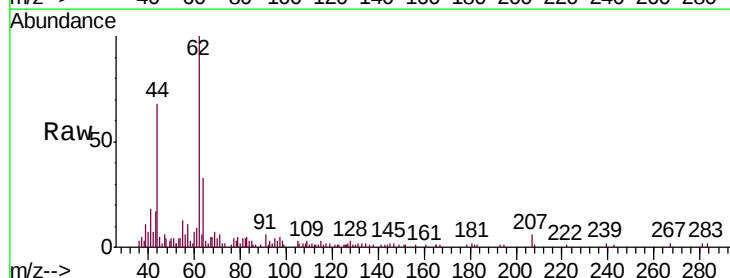
Acq: 28 Aug 2019 19:47

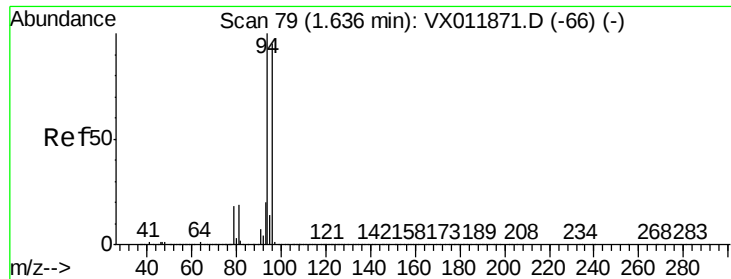
Tgt Ion: 62 Resp: 6378

Ion Ratio Lower Upper

62 100

64 30.8 25.3 37.9





#5

Bromomethane

Concen: 3.514 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

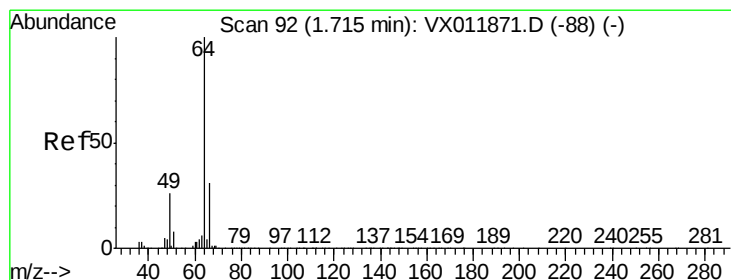
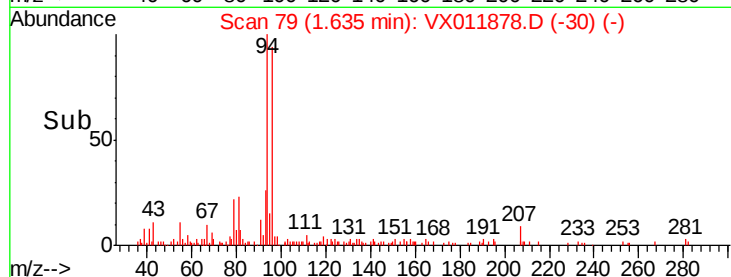
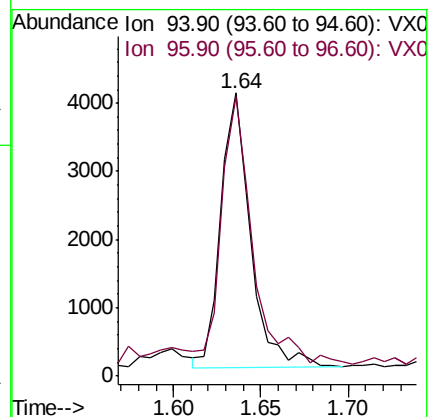
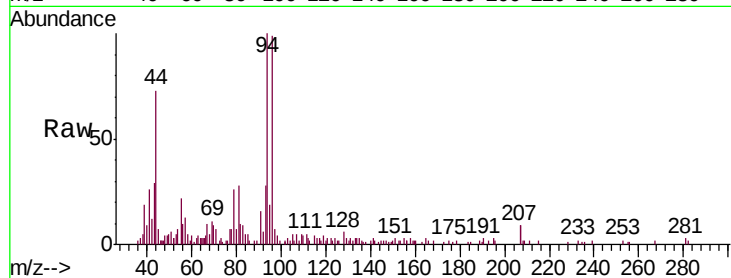
ClientSampleId :

Tot Ion: 94 Resp: 4779

Ion Ratio Lower Upper

94 100

96 97.0 76.0 114.0



#6

Chloroethane

Concen: 2.579 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX011878.D

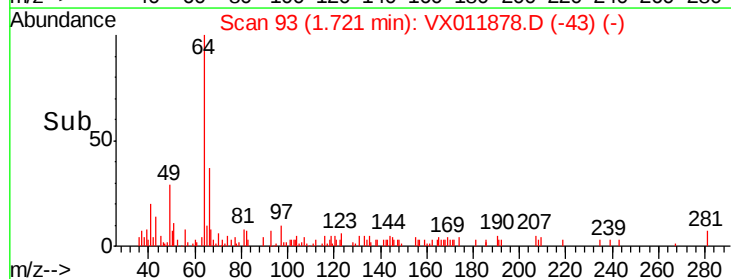
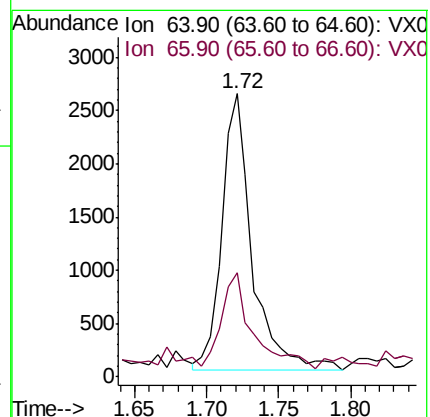
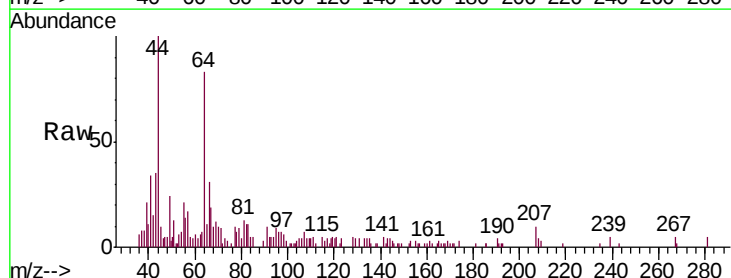
Acq: 28 Aug 2019 19:47

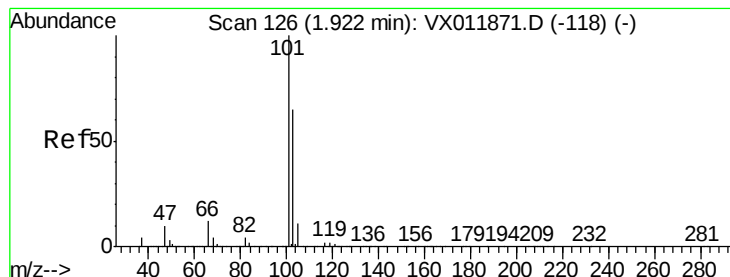
Tgt Ion: 64 Resp: 3830

Ion Ratio Lower Upper

64 100

66 30.7 25.0 37.4



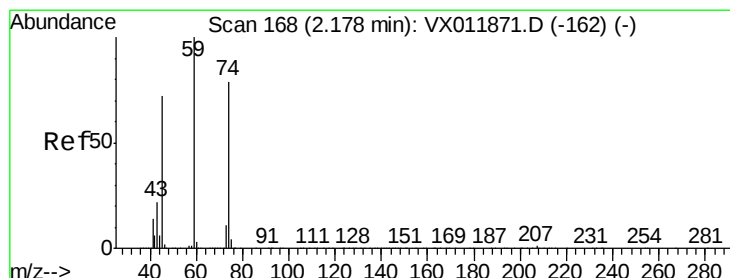
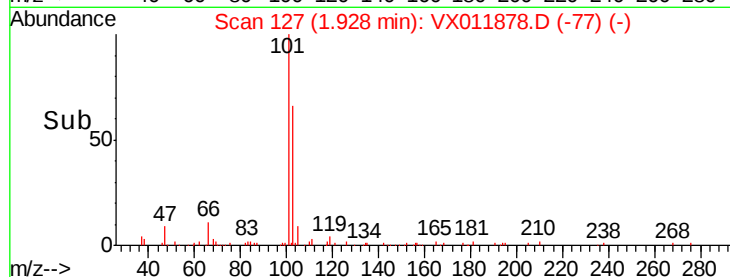
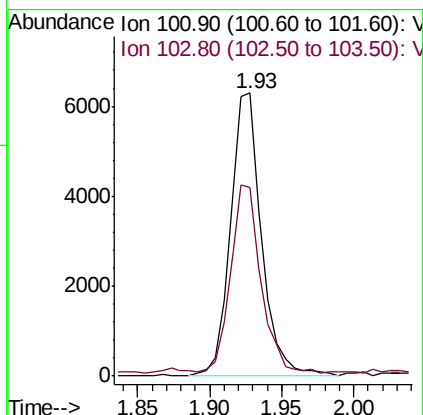
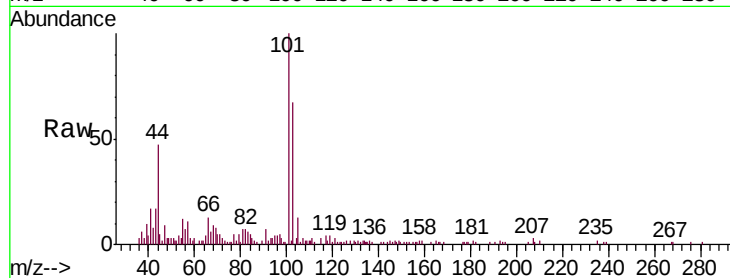


#7

Trichlorofluoromethane
Concen: 2.491 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :

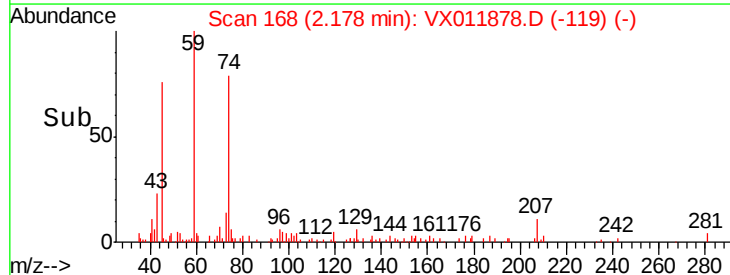
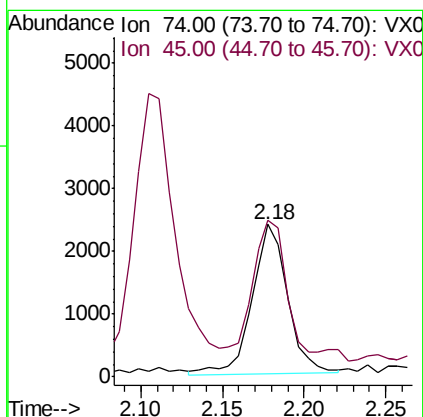
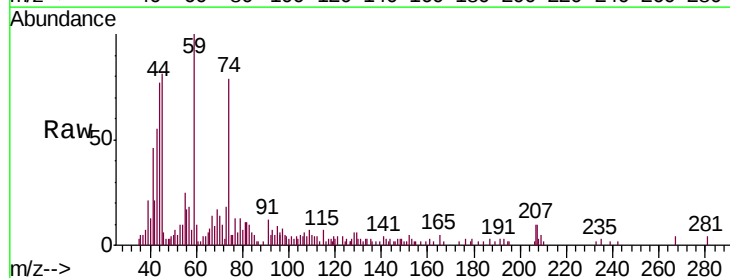
Tot Ion:101 Resp: 9497
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8

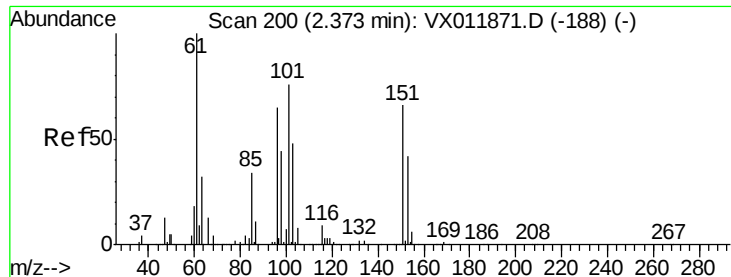


#8

Diethyl Ether
Concen: 3.115 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Tgt Ion: 74 Resp: 3621
Ion Ratio Lower Upper
74 100
45 95.7 47.1 141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.618 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

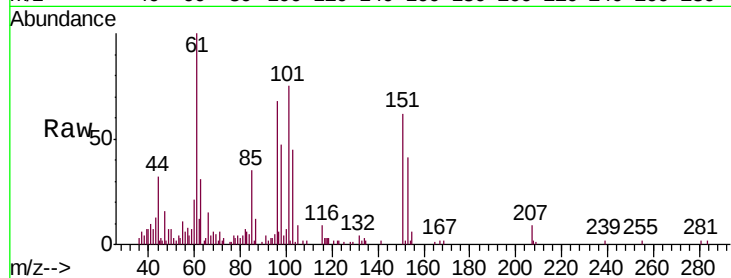
Tot Ion:101 Resp: 6415

Ion Ratio Lower Upper

101 100

85 46.2 34.5 51.7

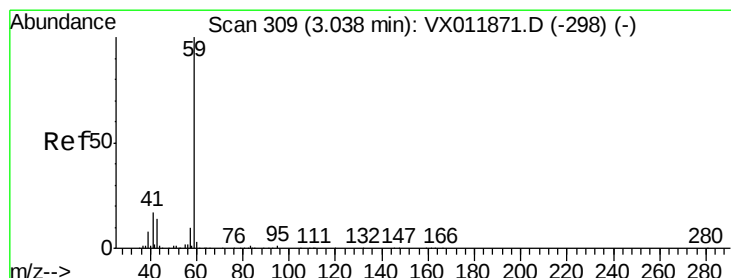
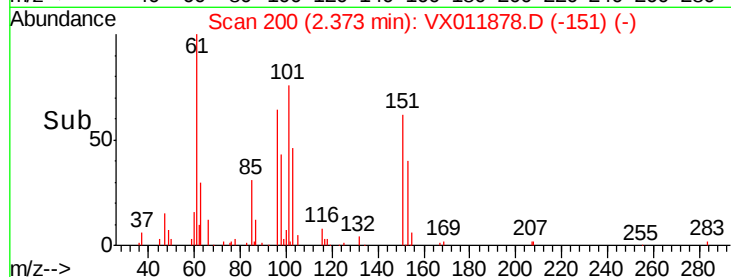
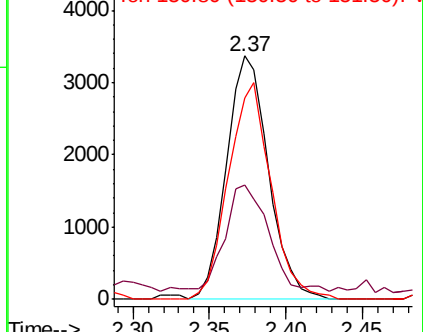
151 90.1 69.4 104.2



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



#11

Tert butyl alcohol

Concen: 3.992 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.01 min

Lab File: VX011878.D

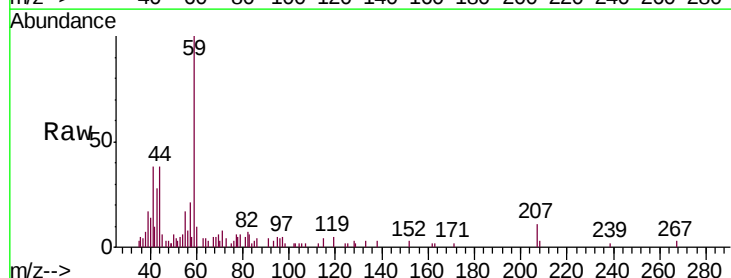
Acq: 28 Aug 2019 19:47

Tgt Ion: 59 Resp: 6031

Ion Ratio Lower Upper

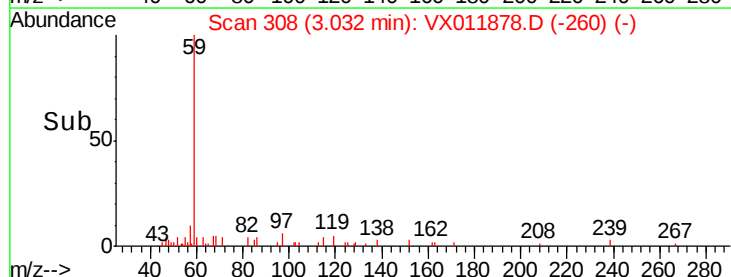
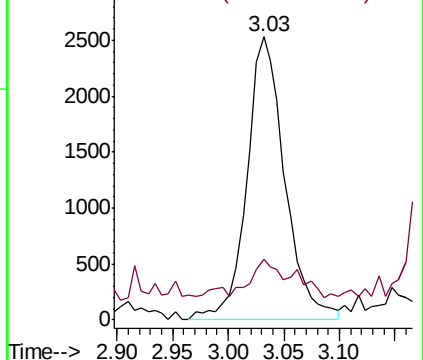
59 100

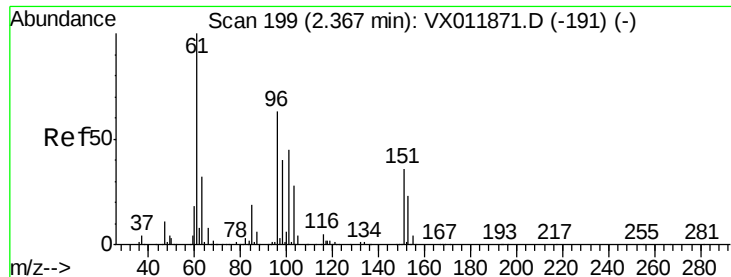
57 14.1 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 2.572 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

ClientSampled :

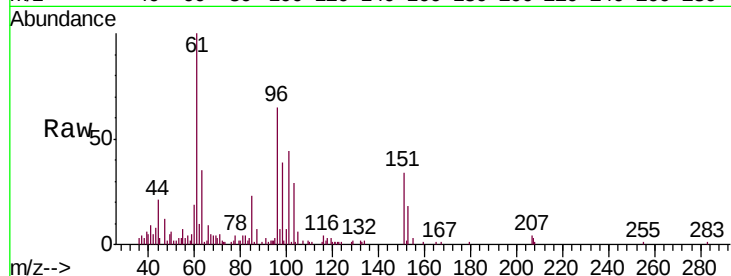
Tot Ion: 96 Resp: 6235

Ion Ratio Lower Upper

96 100

61 158.7 128.0 192.0

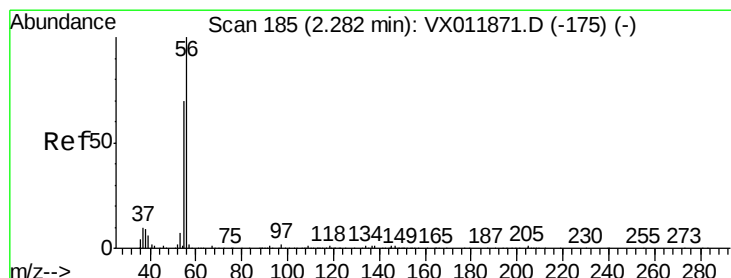
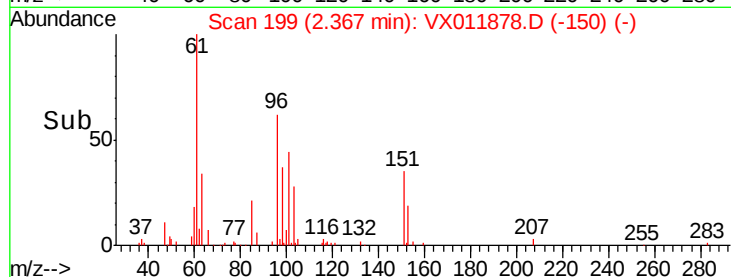
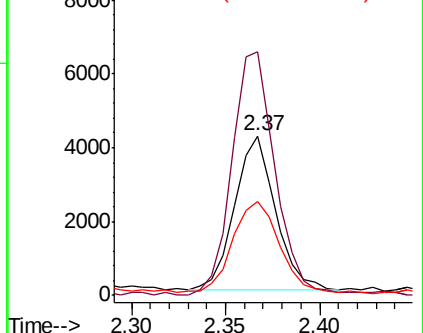
98 59.2 51.4 77.2



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



#13

Acrolein

Concen: 24.495 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX011878.D

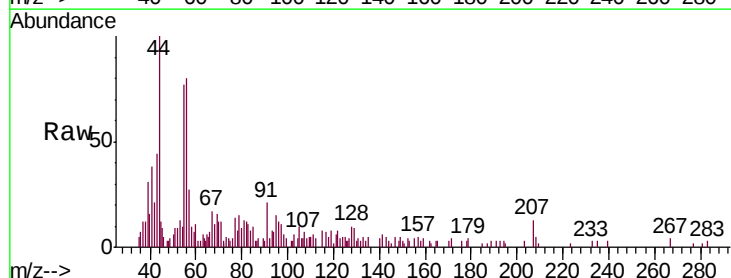
Acq: 28 Aug 2019 19:47

Tgt Ion: 56 Resp: 2650

Ion Ratio Lower Upper

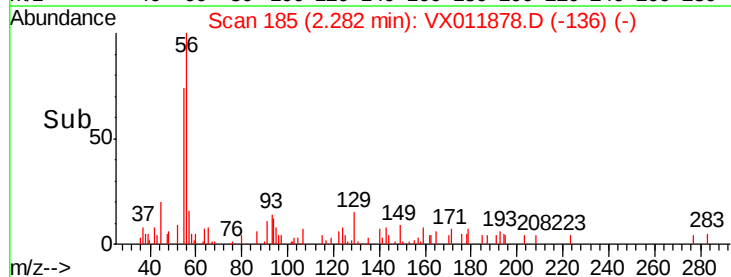
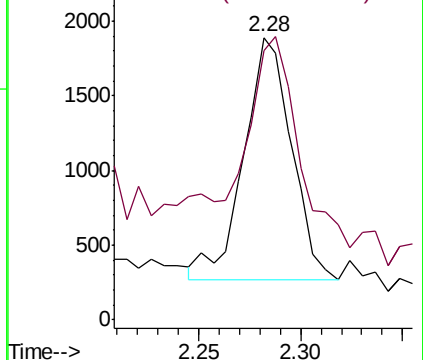
56 100

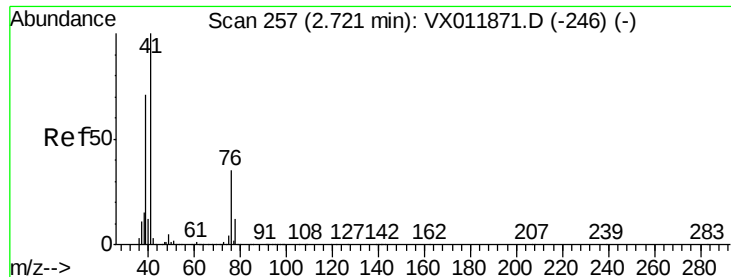
55 116.3 60.2 90.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

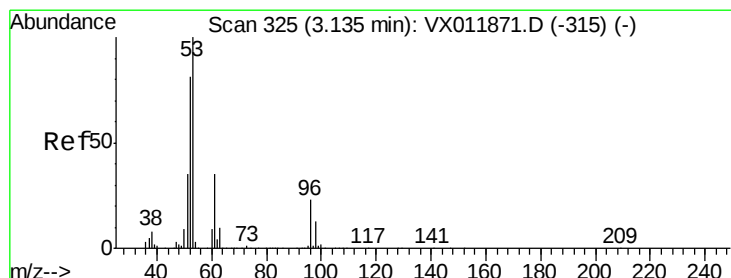
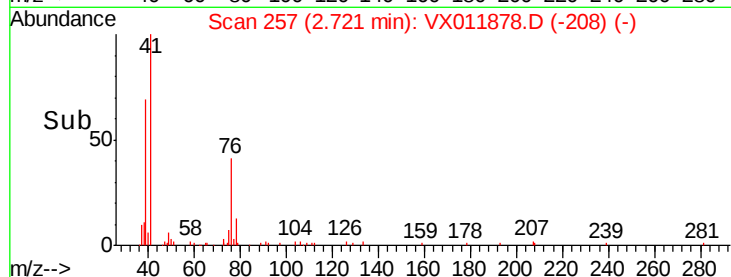
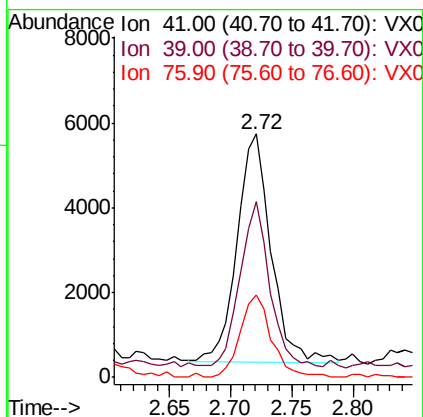
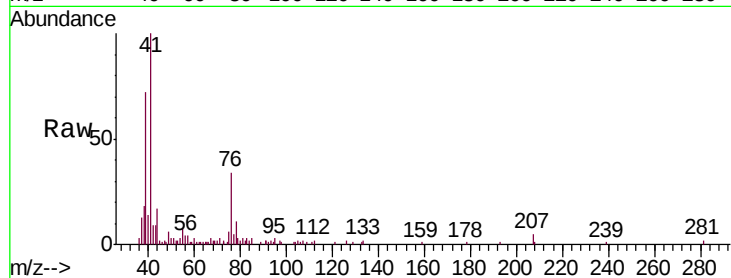




#14
Allvl chloride
Concen: 2.536 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

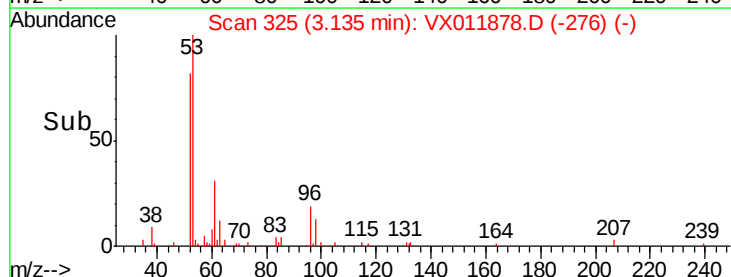
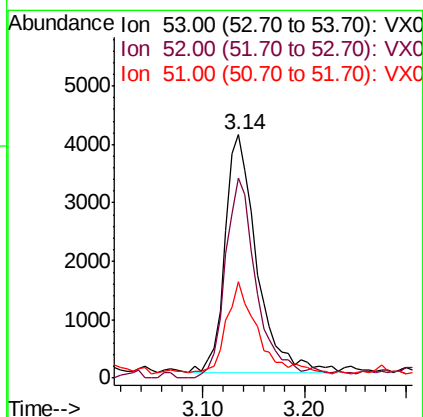
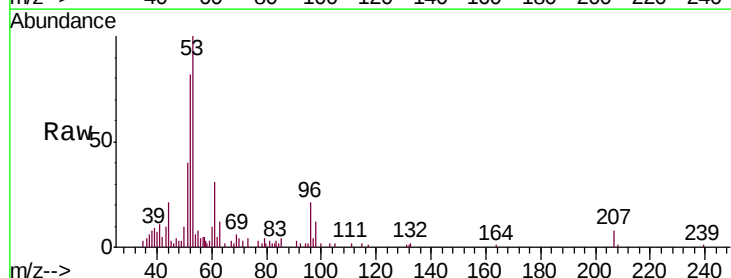
Instrument :
MSVOA_X
ClientSampleId :

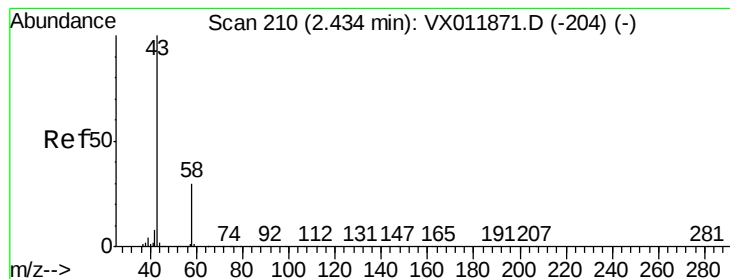
Tot Ion	Ratio	Lower	Upper
41	100		
39	62.8	54.6	82.0
76	33.3	27.1	40.7



#15
Acrylonitrile
Concen: 14.364 ug/l
RT: 3.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.3	97.9
51	37.2	29.1	43.7





#16

Acetone

Concen: 33.484 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

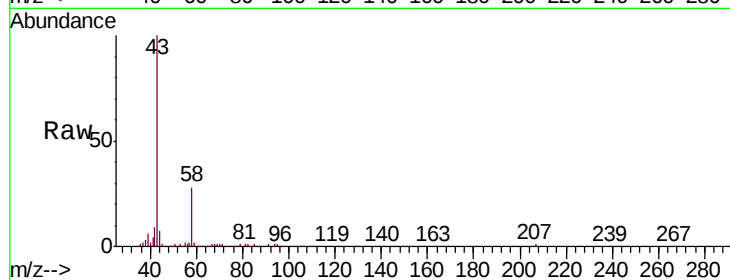
ClientSampleId :

Tot Ion: 43 Resp: 43609

Ion Ratio Lower Upper

43 100

58 28.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

30000

25000

20000

15000

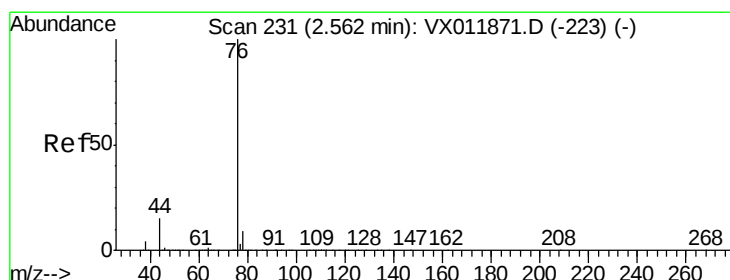
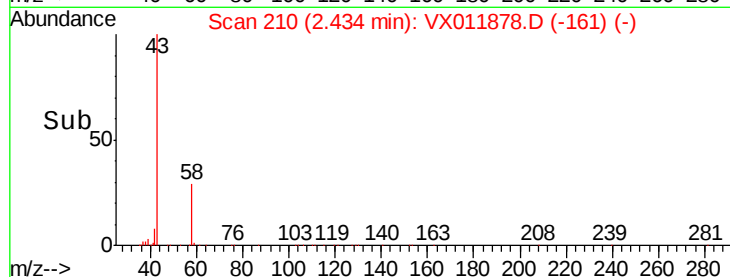
10000

5000

0

2.35 2.40 2.45 2.50

Time-->



#17

Carbon Disulfide

Concen: 2.468 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011878.D

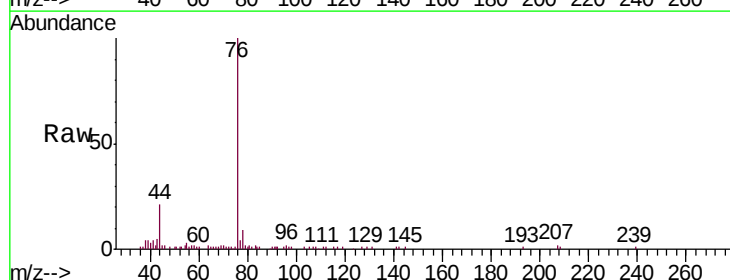
Acq: 28 Aug 2019 19:47

Tgt Ion: 76 Resp: 18065

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

12000

10000

8000

6000

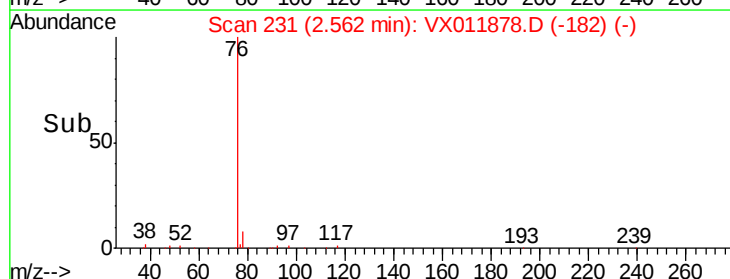
4000

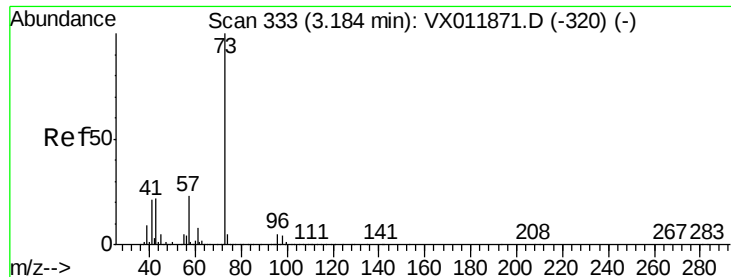
2000

0

2.50 2.55 2.60 2.65 2.70

Time-->

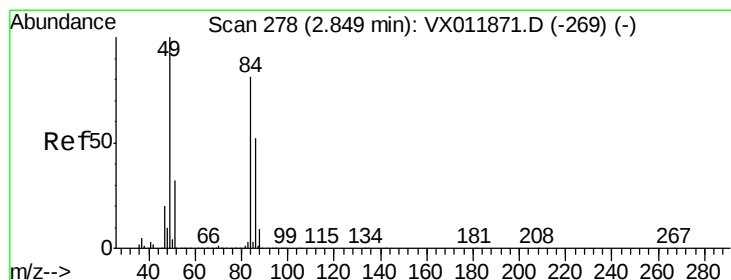
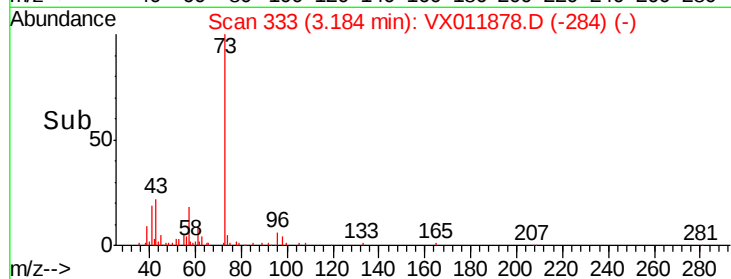
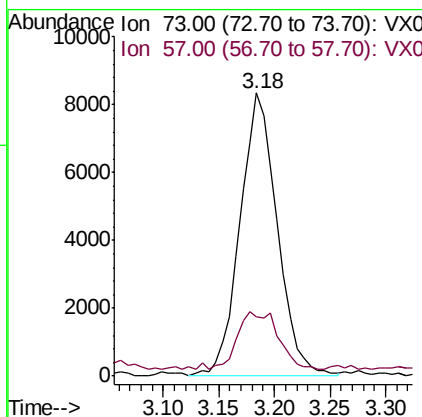
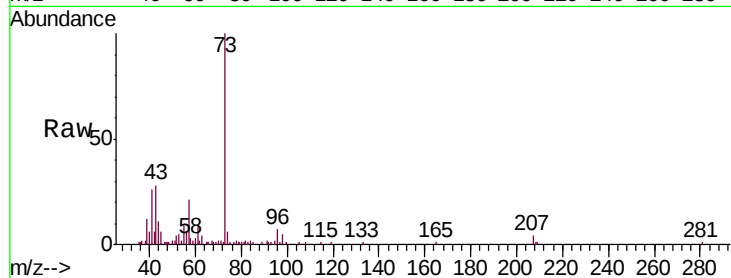




#19
Methyl tert-butyl Ether
Concen: 2.946 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

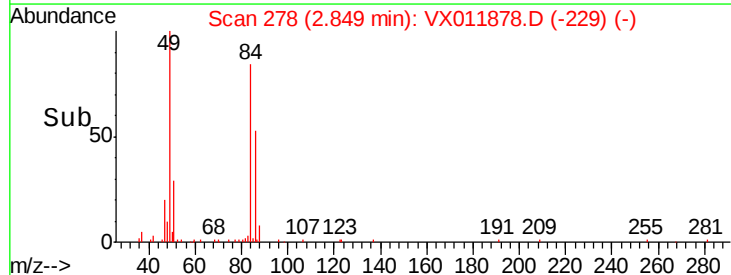
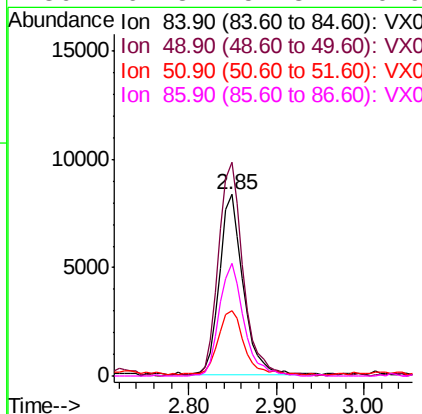
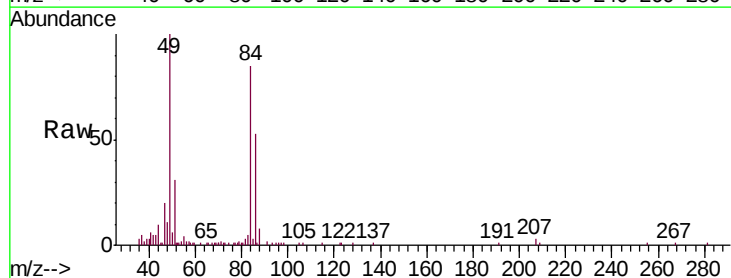
Instrument :
MSVOA_X
ClientSampleId :

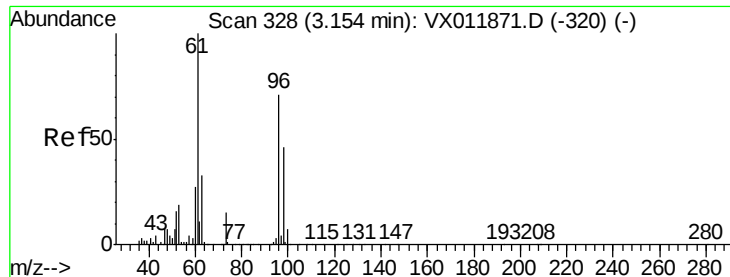
Tot Ion: 73 Resp: 19409
Ion Ratio Lower Upper
73 100
57 17.5 18.1 27.1#



#20
Methylene Chloride
Concen: 3.857 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Tgt Ion: 84 Resp: 15609
Ion Ratio Lower Upper
84 100
49 118.0 98.9 148.3
51 35.1 31.4 47.2
86 62.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 2.736 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

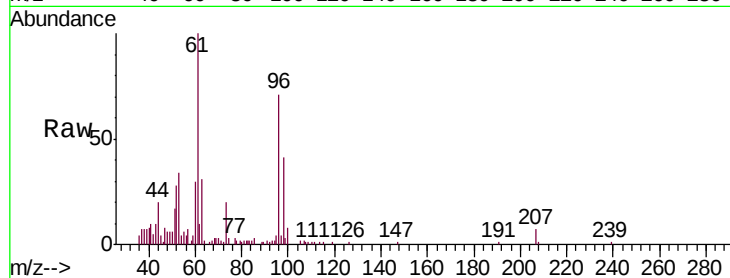
Tot Ion: 96 Resp: 7501

Ion Ratio Lower Upper

96 100

61 144.8 111.9 167.9

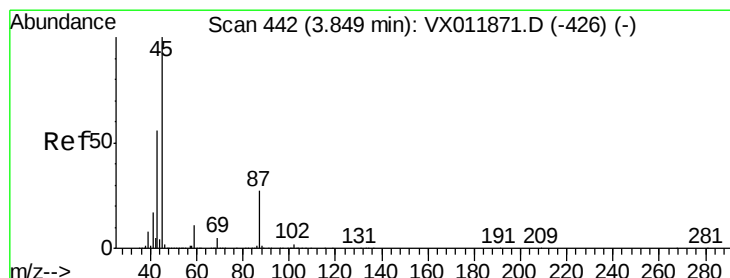
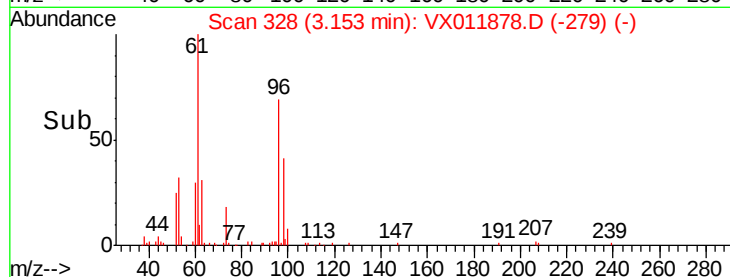
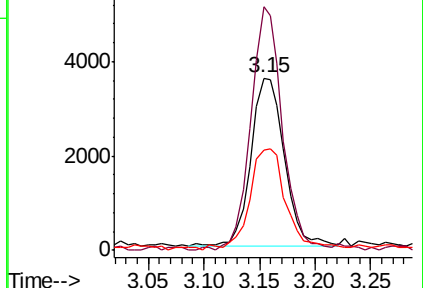
98 57.3 51.7 77.5



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: 2.817 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Tgt Ion: 45 Resp: 22899

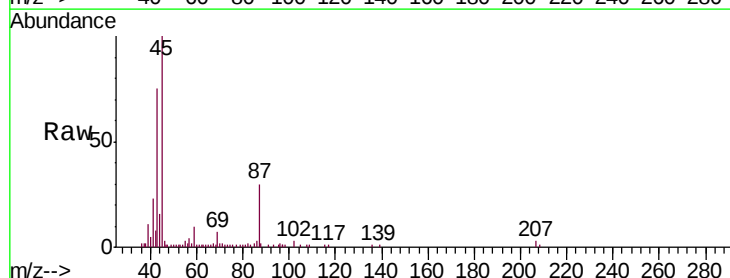
Ion Ratio Lower Upper

45 100

43 71.4 44.7 67.1#

87 30.2 21.5 32.3

59 9.2 9.1 13.7

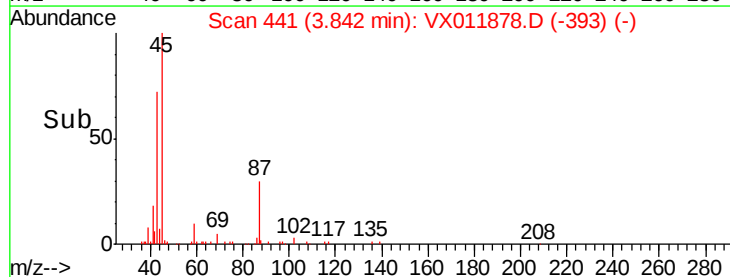
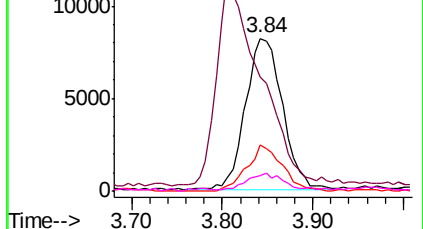


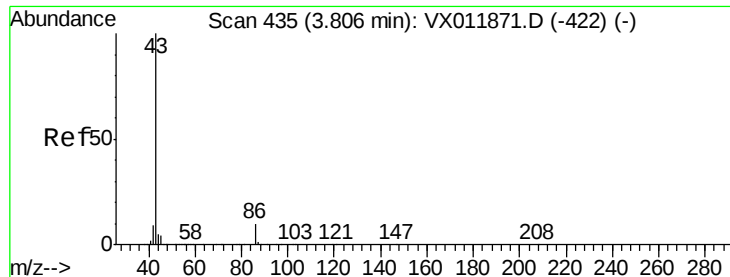
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 10.403 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

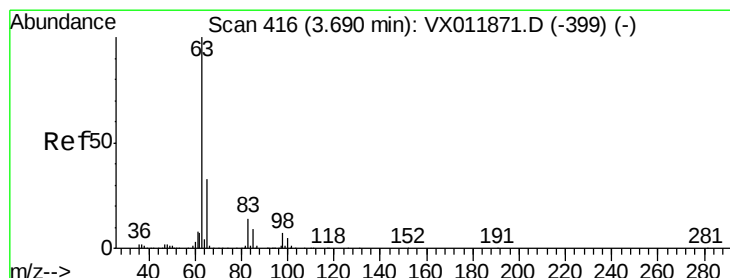
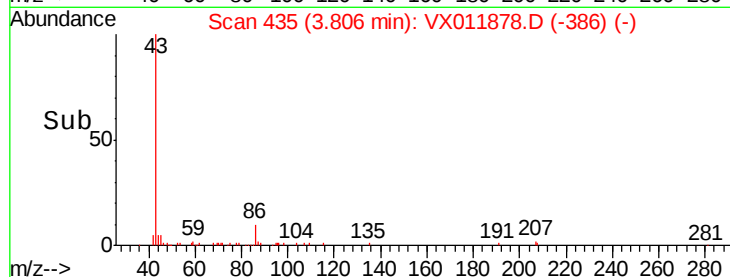
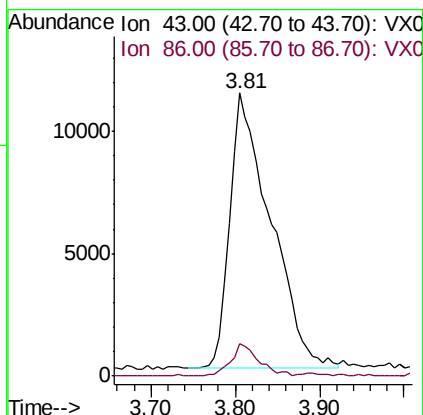
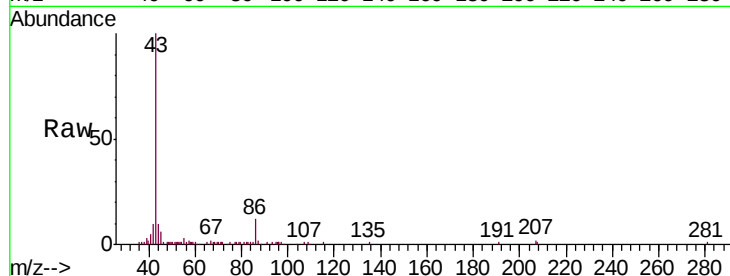
ClientSampled :

Tot Ion: 43 Resp: 37221

Ion Ratio Lower Upper

43 100

86 12.0 8.1 12.1



#24

1,1-Dichloroethane

Concen: 2.717 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

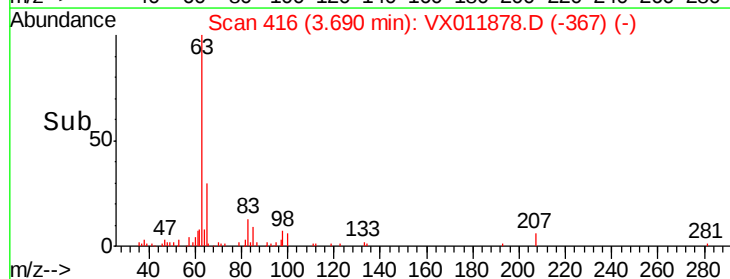
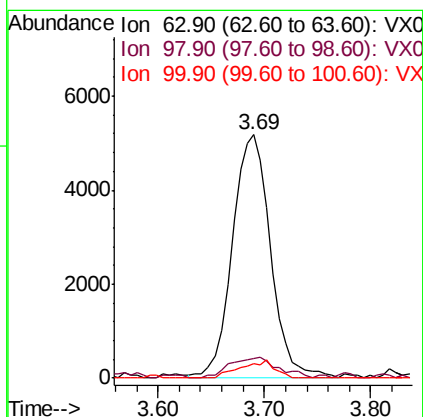
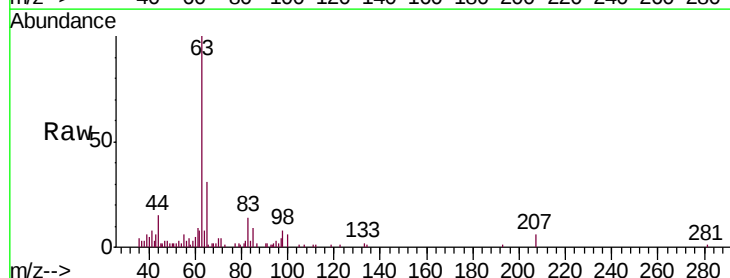
Tgt Ion: 63 Resp: 13025

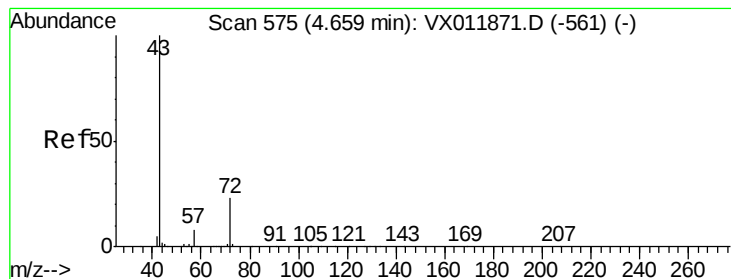
Ion Ratio Lower Upper

63 100

98 8.1 3.7 11.1

100 5.8 2.5 7.6





#25

2-Butanone

Concen: 15.342 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.01 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

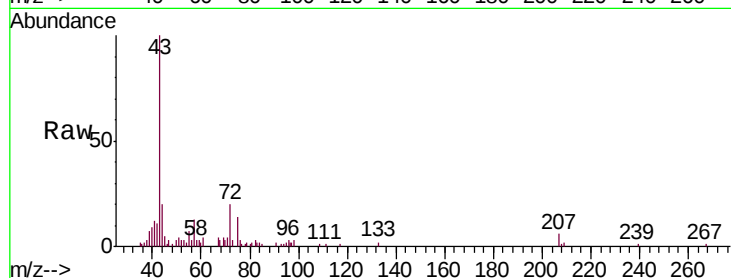
ClientSampleId :

Tot Ion: 43 Resp: 12898

Ion Ratio Lower Upper

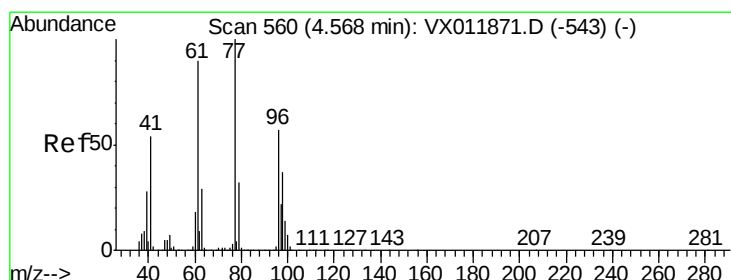
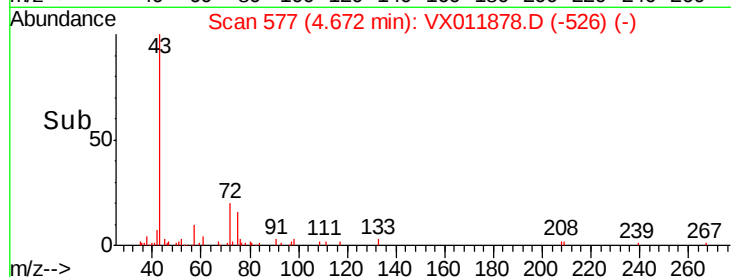
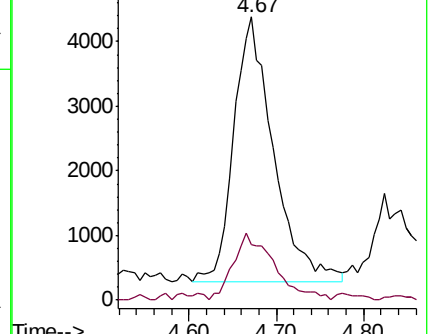
43 100

72 19.4 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: 2.092 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX011878.D

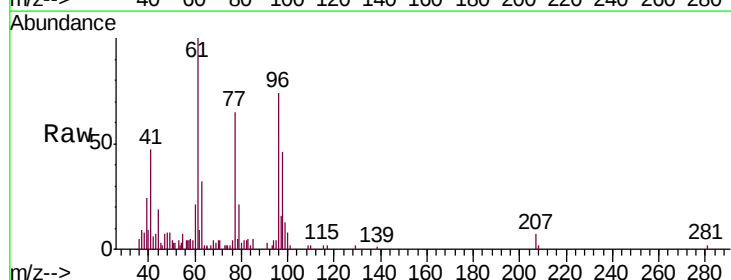
Acq: 28 Aug 2019 19:47

Tgt Ion: 77 Resp: 8178

Ion Ratio Lower Upper

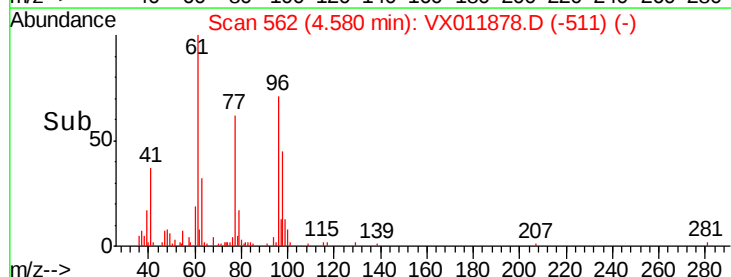
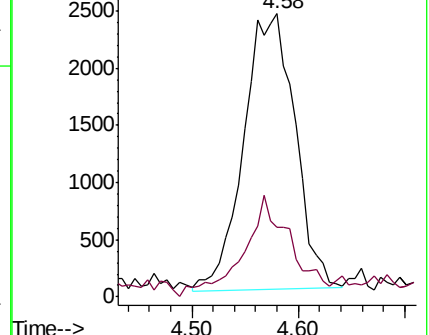
77 100

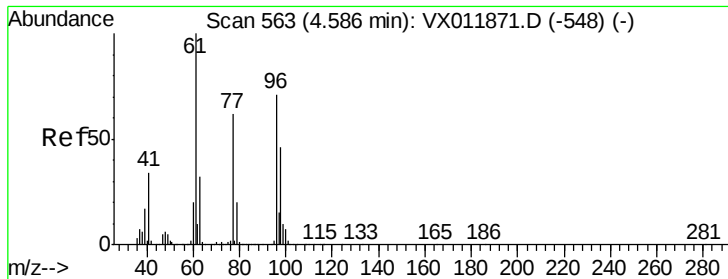
97 33.9 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



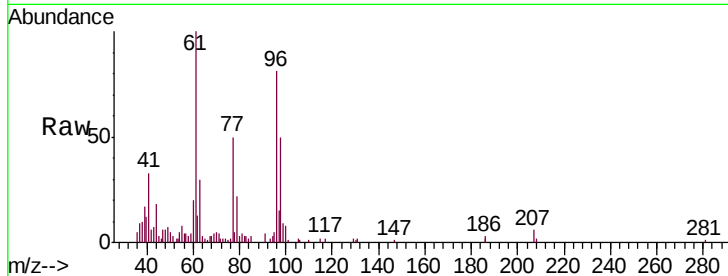


#27

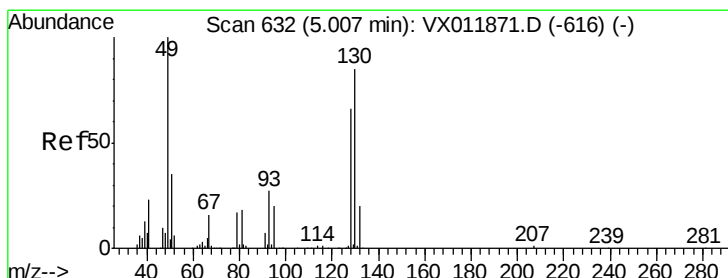
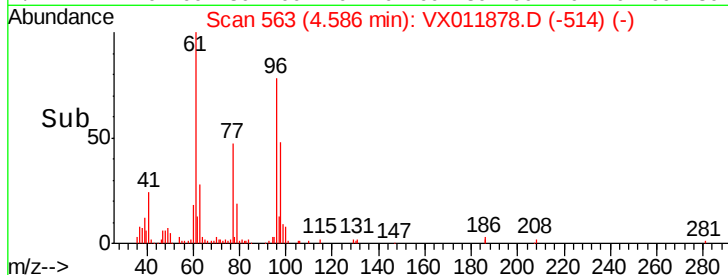
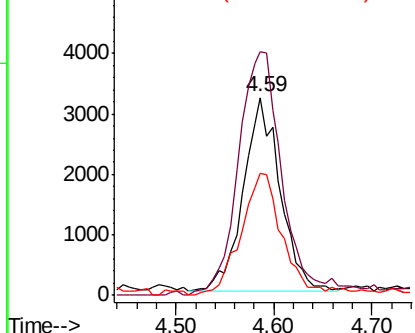
cis-1,2-Dichloroethene
Concen: 2.710 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	288.8
98	69.3	0.0	129.6



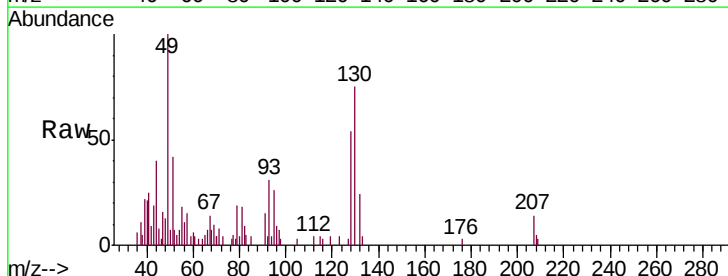
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



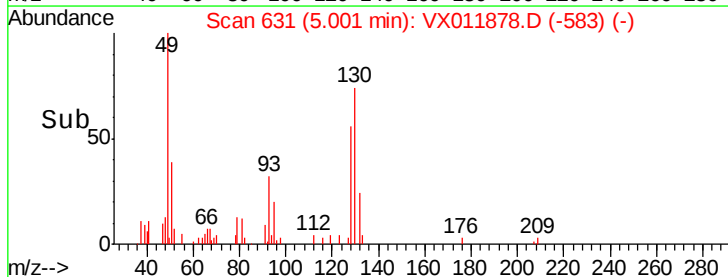
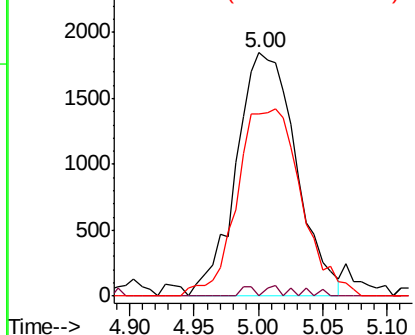
#28

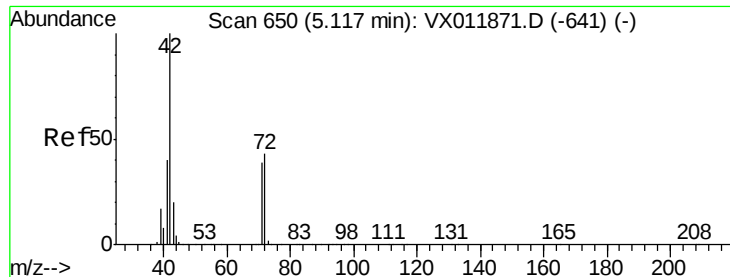
Bromochloromethane
Concen: 2.765 ug/l
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.6
130	0.0	67.3	100.9#



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

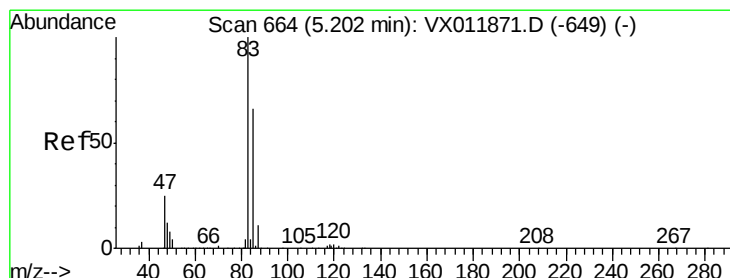
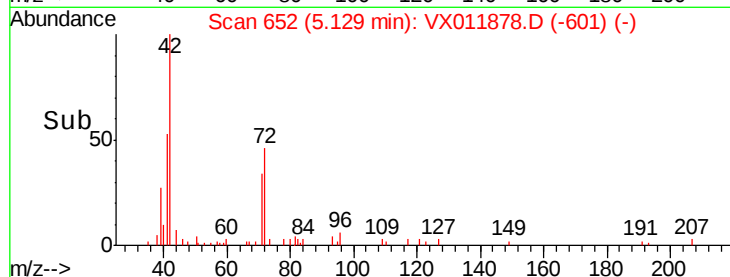
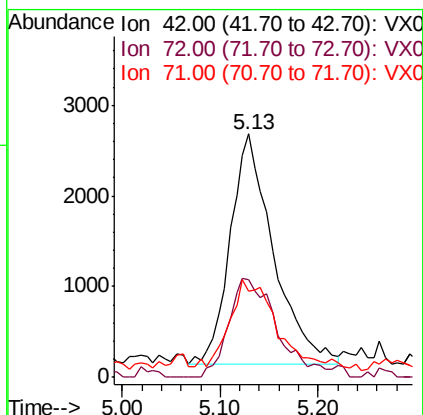
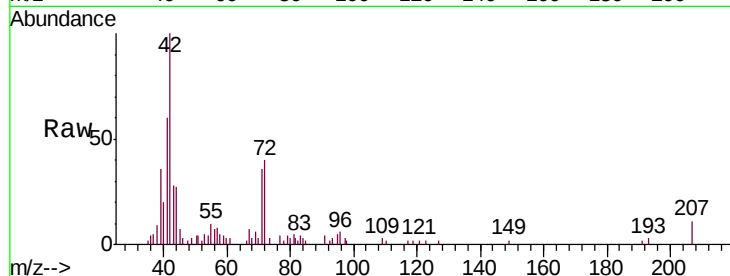




#29
Tetrahydrofuran
Concen: 15.672 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.01 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

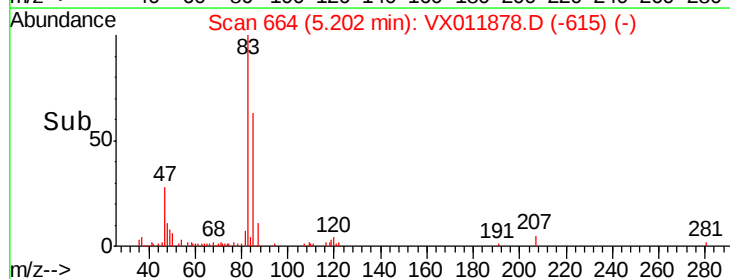
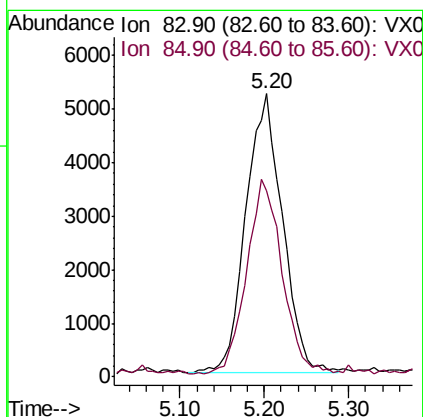
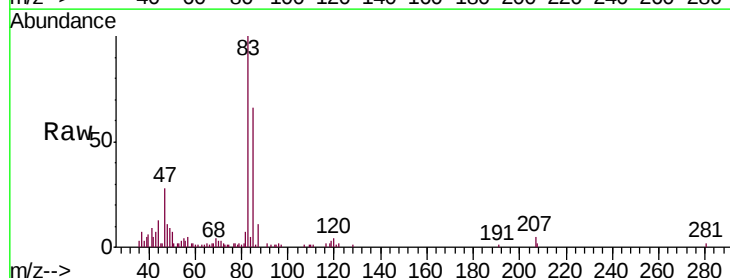
Instrument :
MSVOA_X
ClientSampleId :

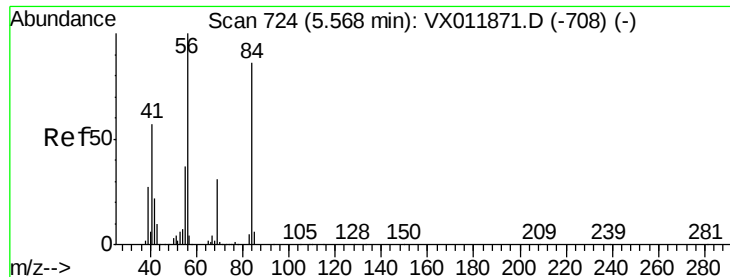
Tot Ion: 42 Resp: 7797
Ion Ratio Lower Upper
42 100
72 47.7 35.4 53.2
71 43.8 32.6 48.8



#30
Chloroform
Concen: 3.062 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Tgt Ion: 83 Resp: 15359
Ion Ratio Lower Upper
83 100
85 65.3 52.5 78.7

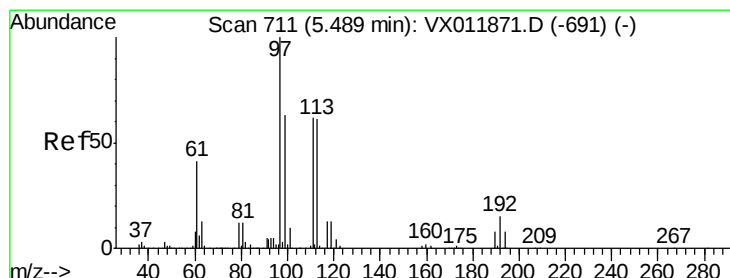
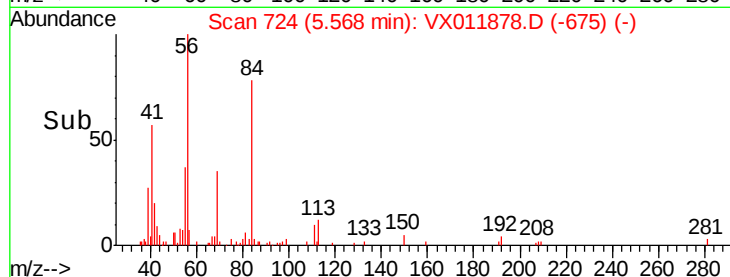
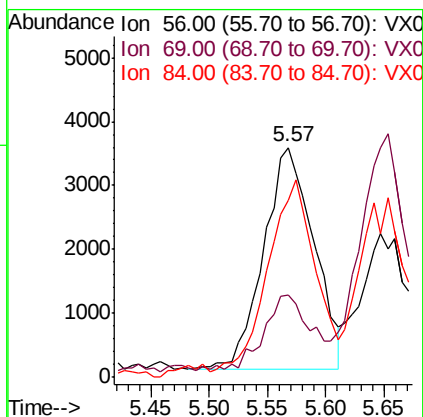
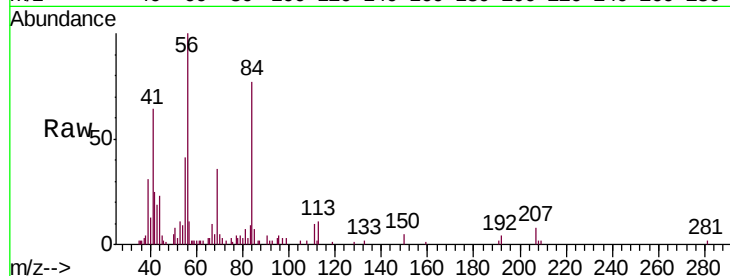




#31
Cyclohexane
Concen: 2.472 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

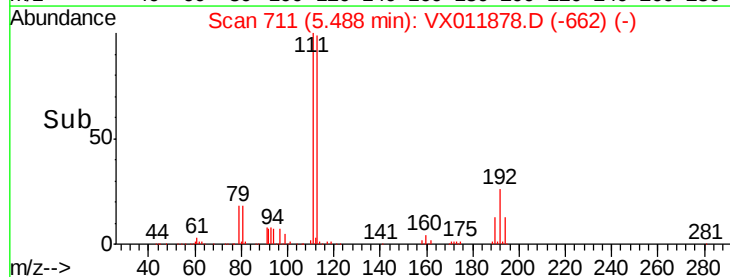
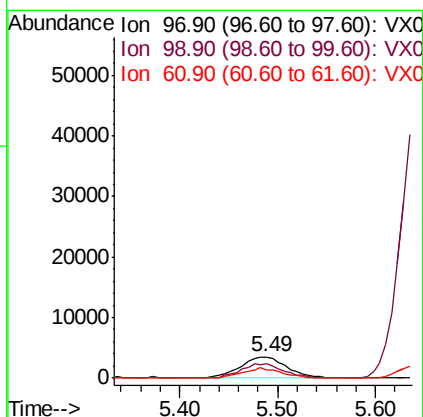
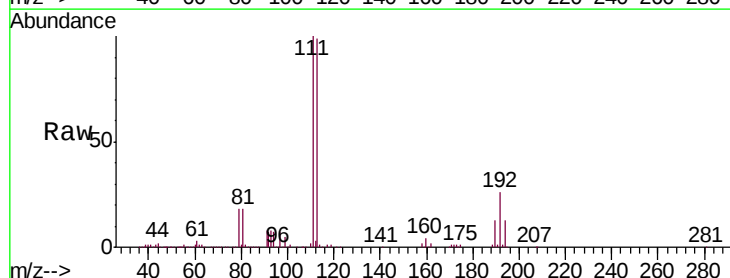
Instrument :
MSVOA_X
ClientSampleId :

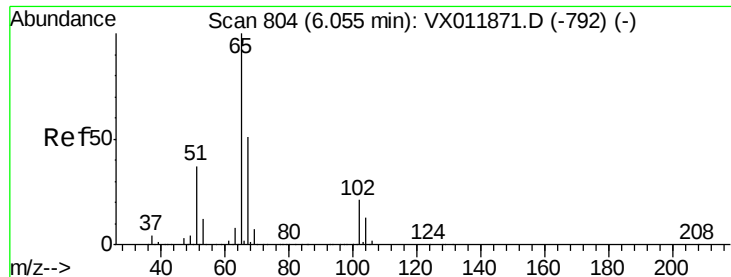
Tot Ion: 56 Resp: 10320
Ion Ratio Lower Upper
56 100
69 33.3 25.0 37.4
84 74.2 68.6 103.0



#32
1,1,1-Trichloroethane
Concen: 2.443 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Tgt Ion: 97 Resp: 11019
Ion Ratio Lower Upper
97 100
99 66.5 51.1 76.7
61 40.0 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 53.215 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

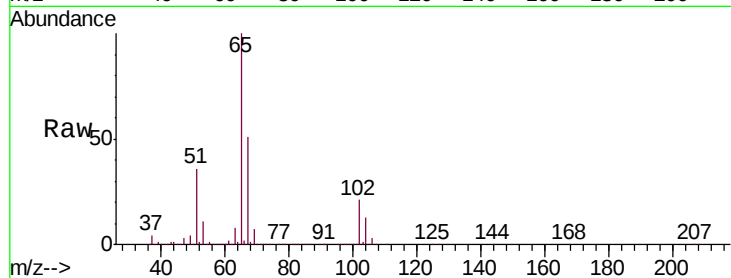
ClientSampleId :

Tot Ion: 65 Resp: 152711

Ion Ratio Lower Upper

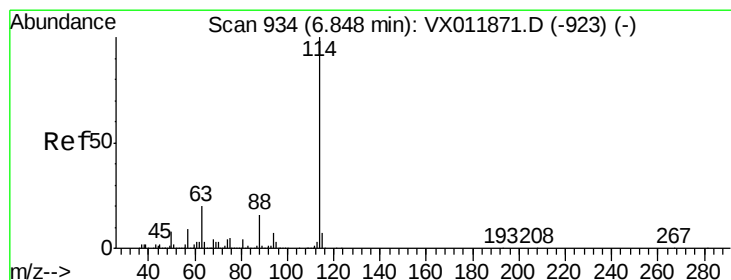
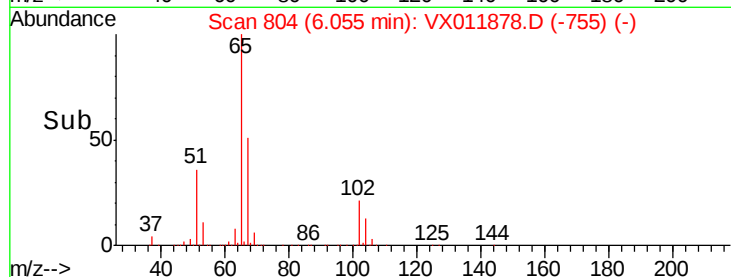
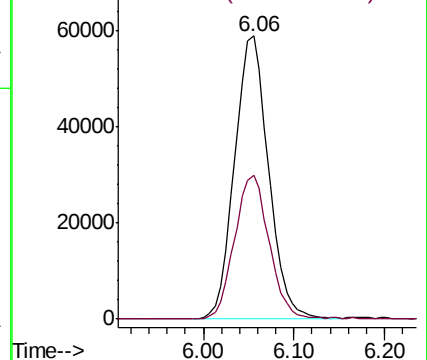
65 100

67 51.4 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: VX011878.D

Acq: 28 Aug 2019 19:47

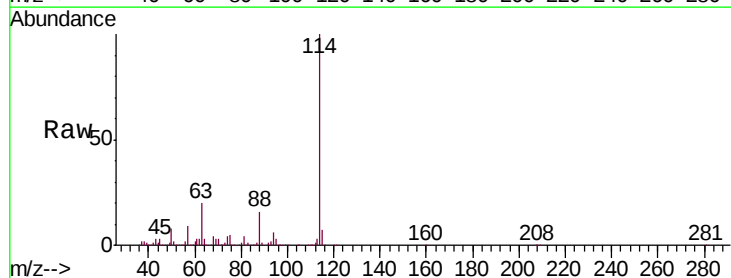
Tgt Ion: 114 Resp: 468038

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

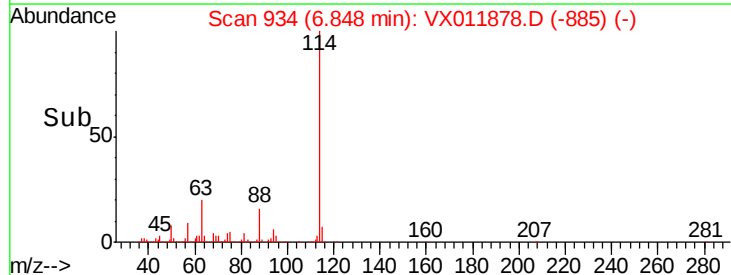
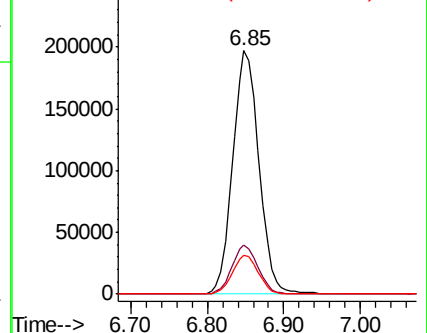
88 15.8 0.0 31.6

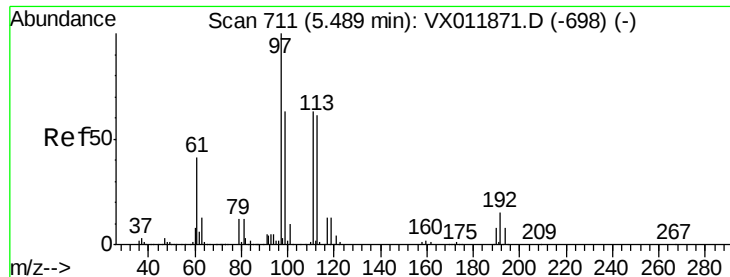


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.741 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

ClientSampled :

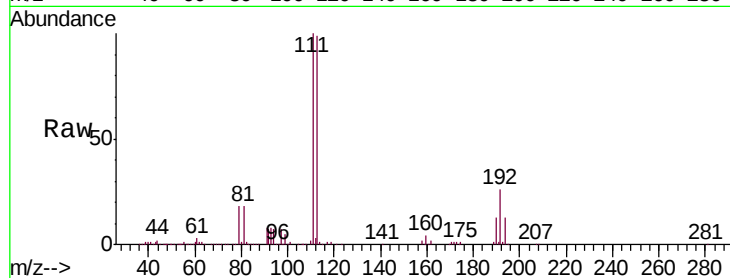
Tot Ion:113 Resp: 135790

Ion Ratio Lower Upper

113 100

111 101.7 80.9 121.3

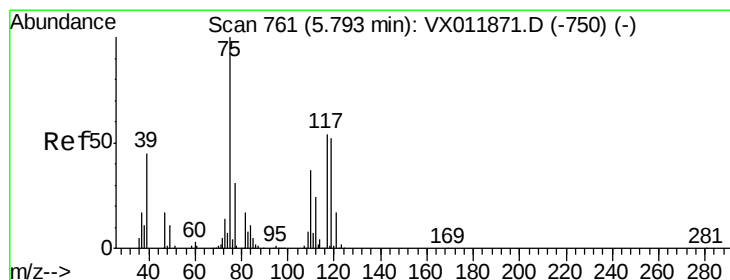
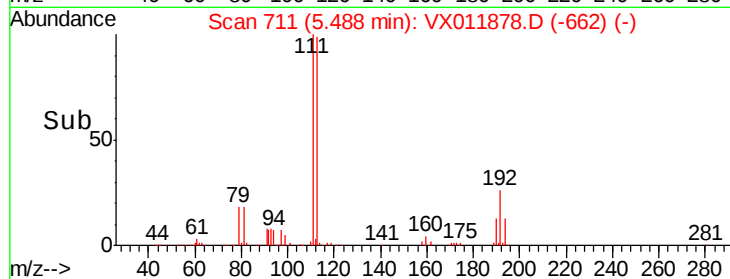
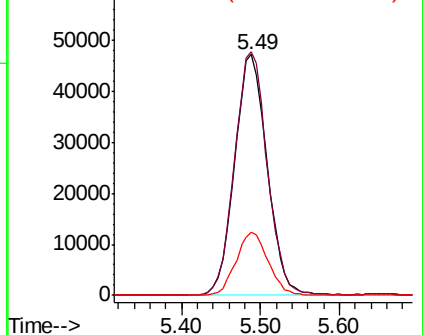
192 25.9 20.6 30.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 2.539 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

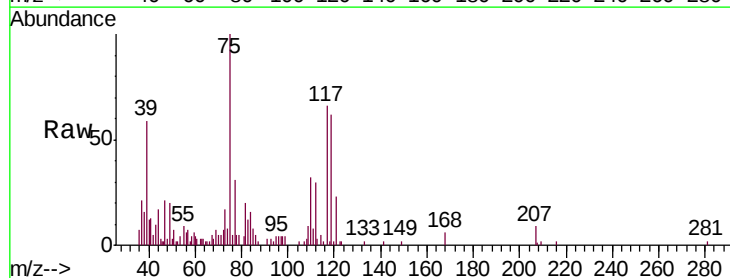
Tgt Ion: 75 Resp: 9775

Ion Ratio Lower Upper

75 100

110 38.5 18.5 55.5

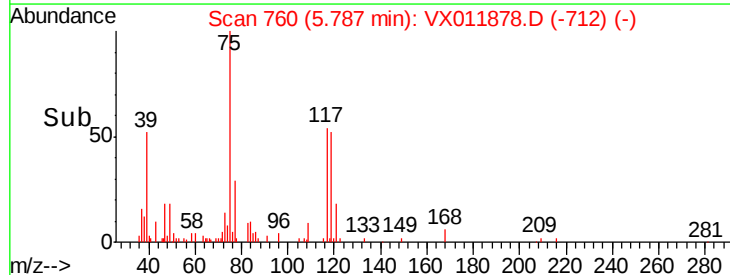
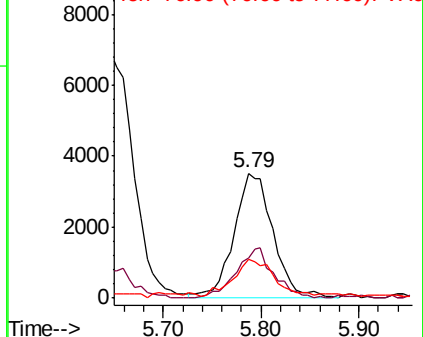
77 29.3 24.7 37.1

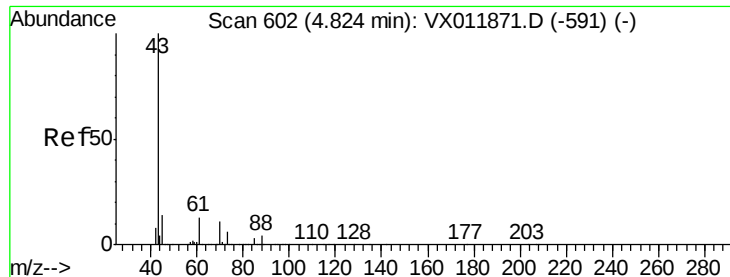


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

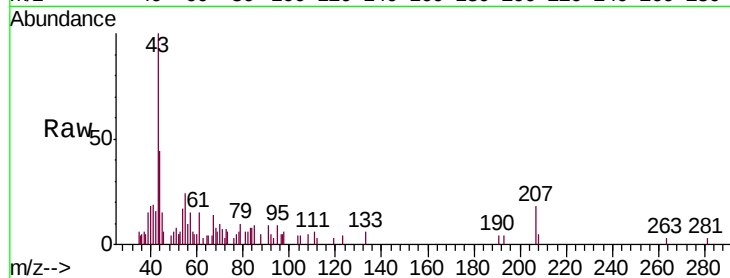




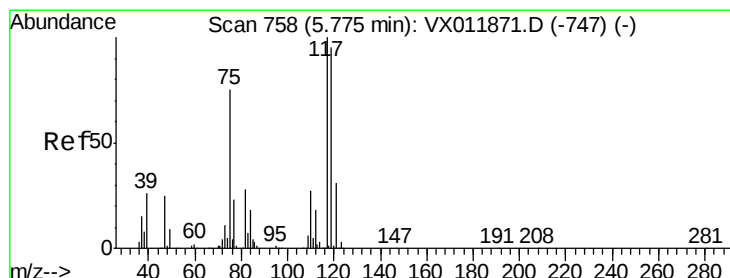
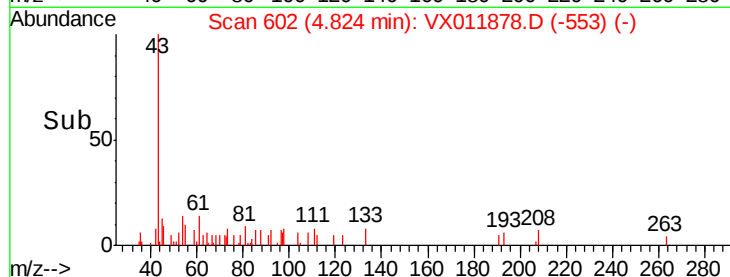
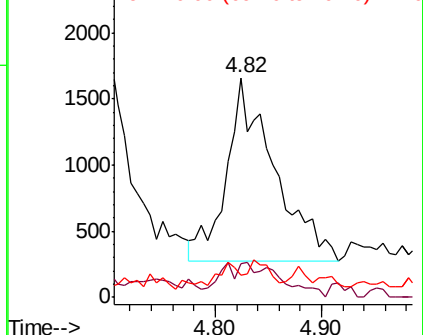
#37
Ethyl Acetate
Concen: 2.675 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.5	15.7#
70	5.1	8.9	13.3#

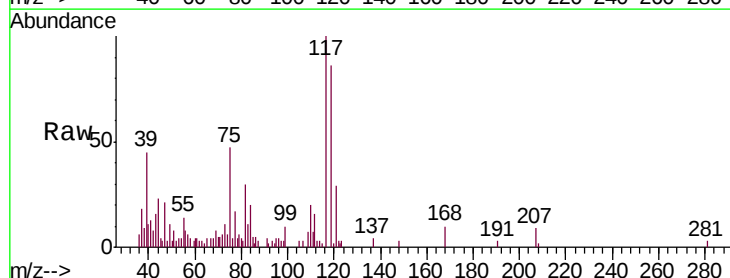


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

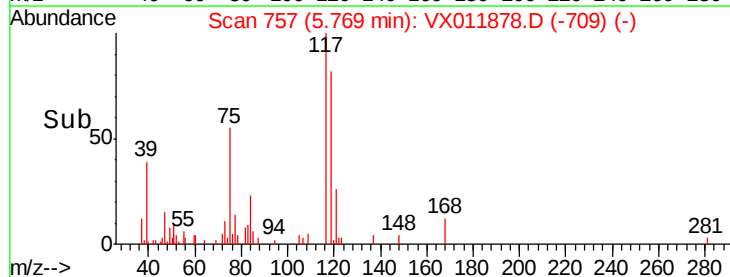
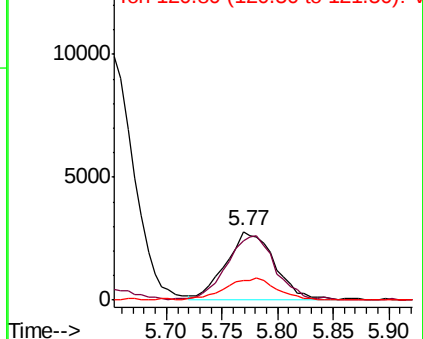


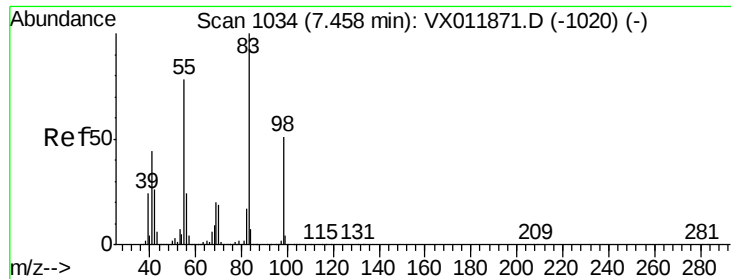
#38
Carbon Tetrachloride
Concen: 2.258 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	86.2	75.7	113.5
121	28.6	25.1	37.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

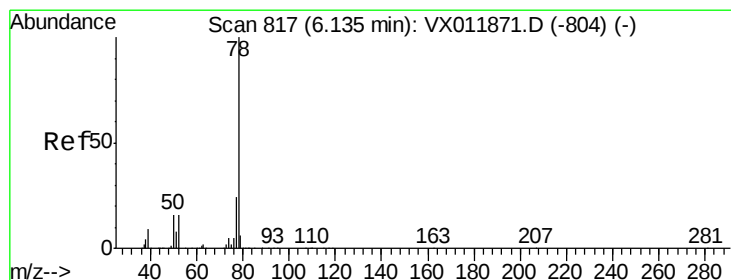
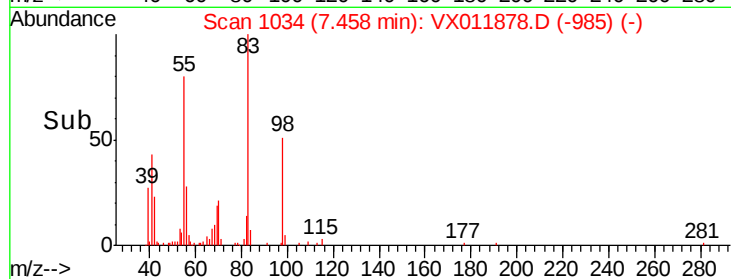
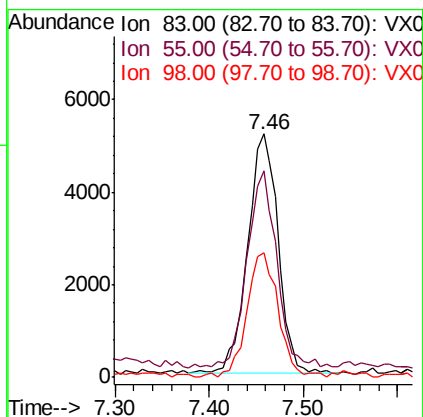
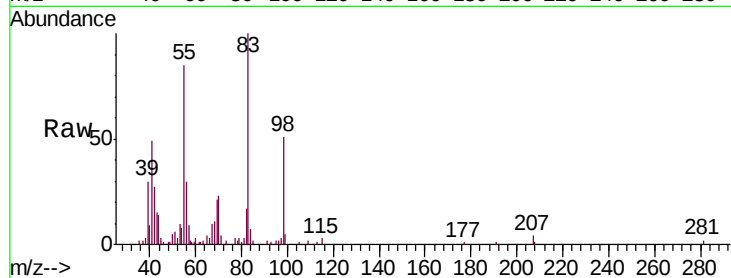




#39
Methvlcvclohexane
Concen: 2.497 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

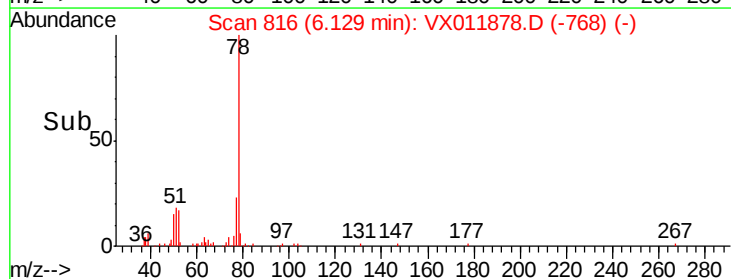
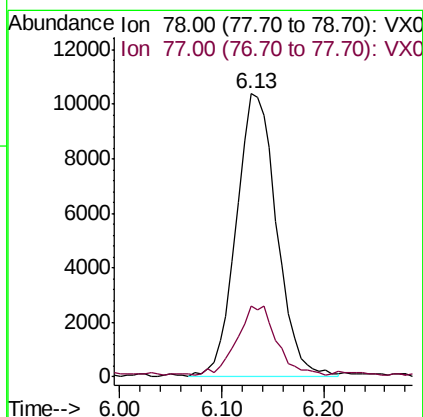
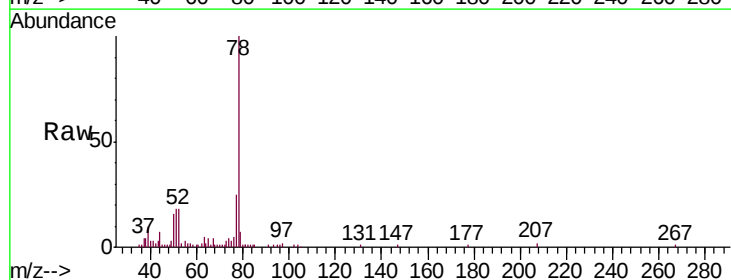
Instrument :
MSVOA_X
ClientSampleId :

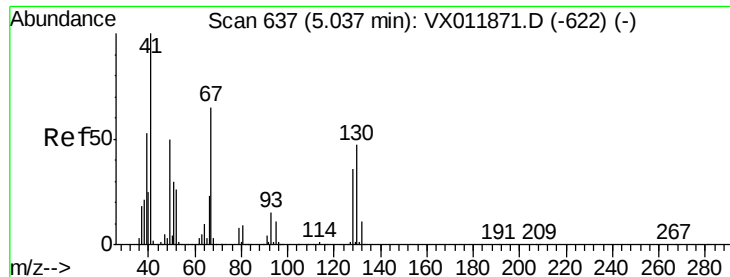
Tot Ion: 83 Resp: 11748
Ion Ratio Lower Upper
83 100
55 81.9 62.1 93.1
98 50.8 40.6 61.0



#40
Benzene
Concen: 2.579 ug/l
RT: 6.13 min Scan# 816
Delta R.T. -0.01 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Tgt Ion: 78 Resp: 28641
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

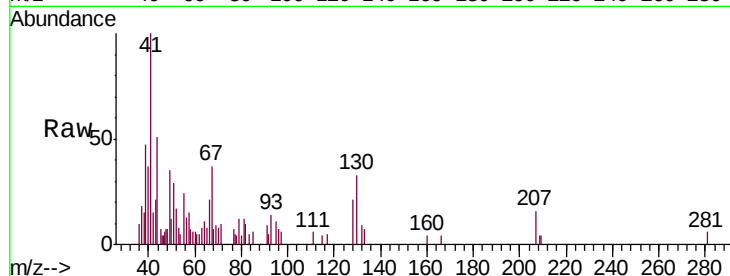




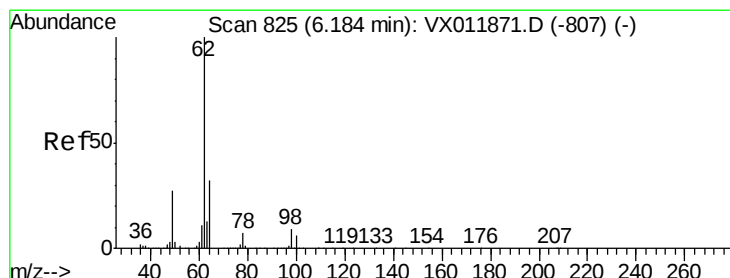
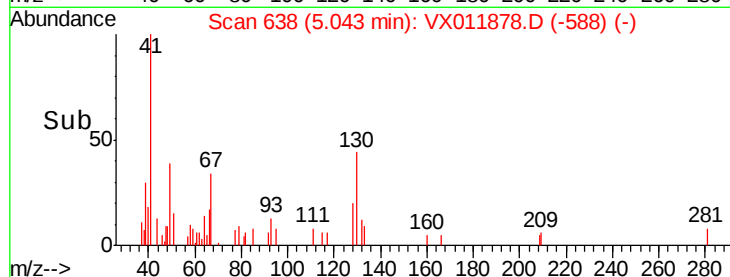
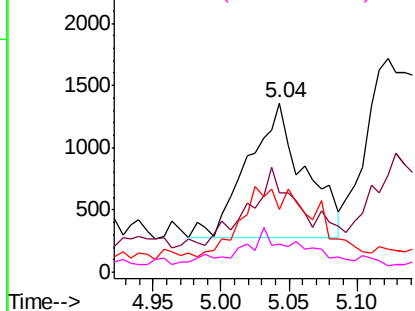
#41
Methacrylonitrile
Concen: 2.883 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 3166
Ion Ratio Lower Upper
41 100
39 48.9 44.5 66.7
67 33.8 55.0 82.4#
52 18.8 23.3 34.9#

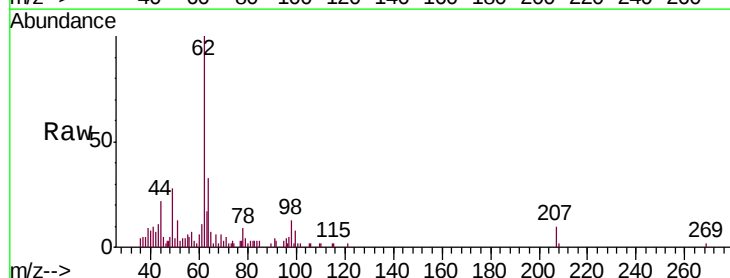


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

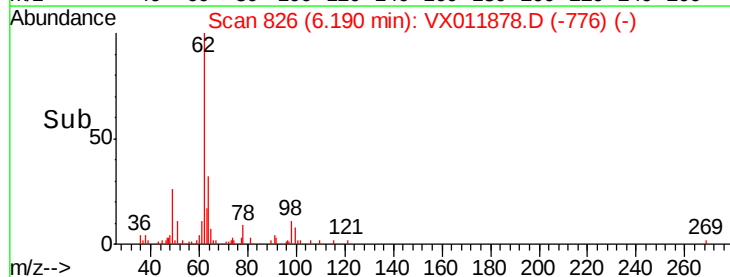
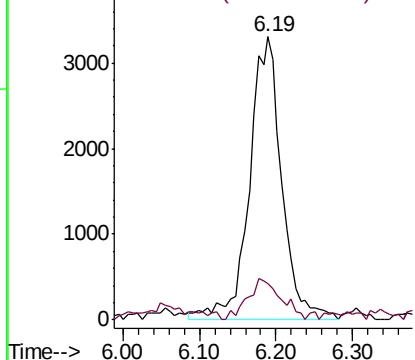


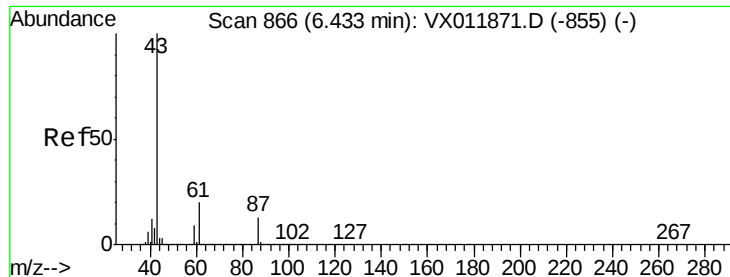
#42
1,2-Dichloroethane
Concen: 2.765 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Tgt Ion: 62 Resp: 9748
Ion Ratio Lower Upper
62 100
98 14.9 0.0 19.2



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



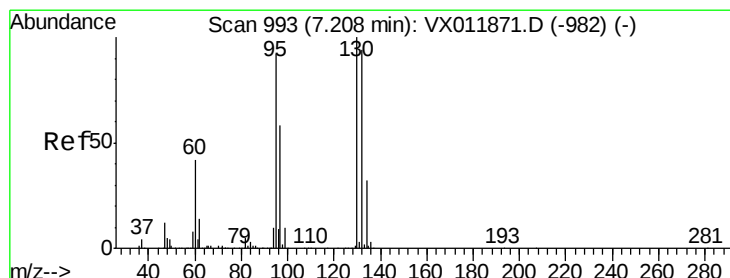
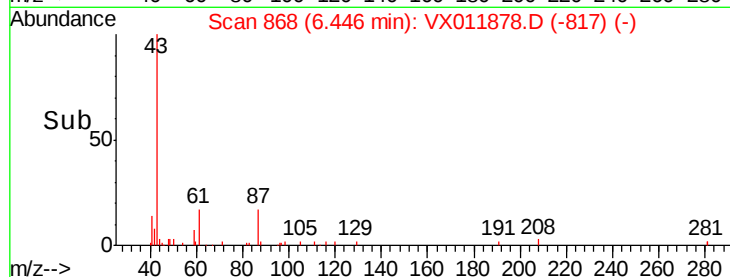
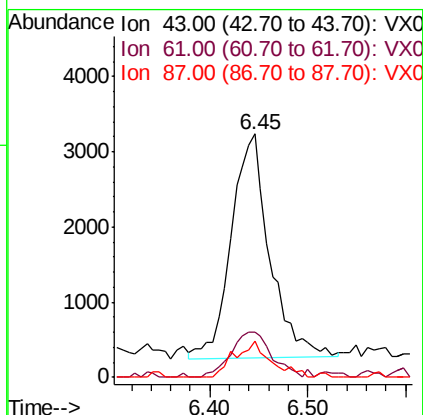
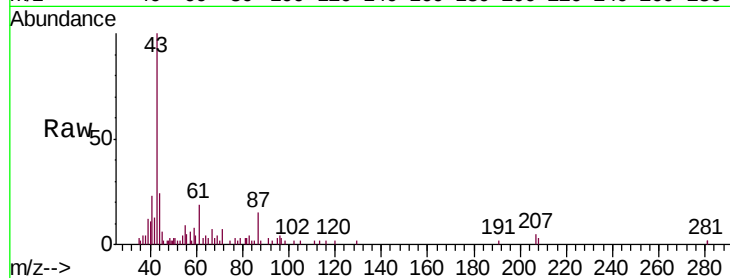


#43

Isopropyl Acetate
 Concen: 2.564 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.01 min
 Lab File: VX011878.D
 Acq: 28 Aug 2019 19:47

Instrument :
 MSVOA_X
 ClientSampleId :

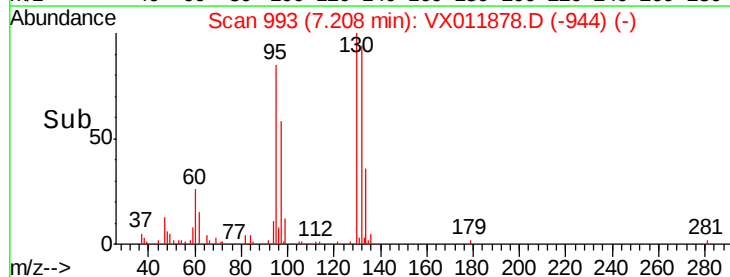
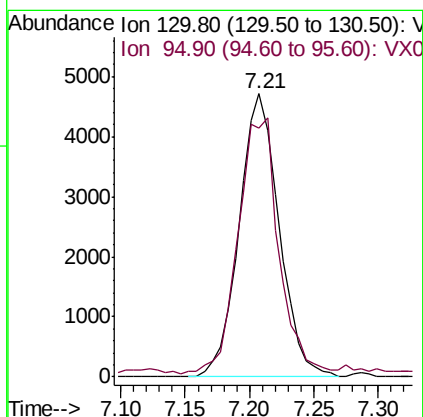
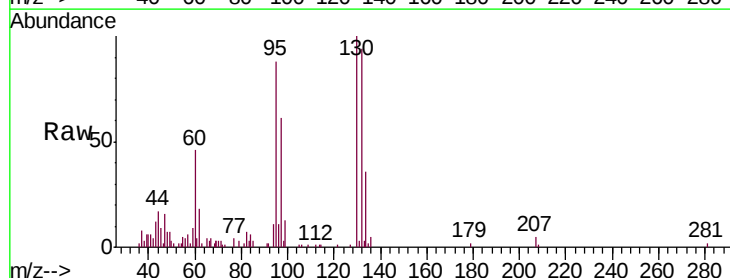
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	15.6	23.4
87	14.9	10.6	15.8

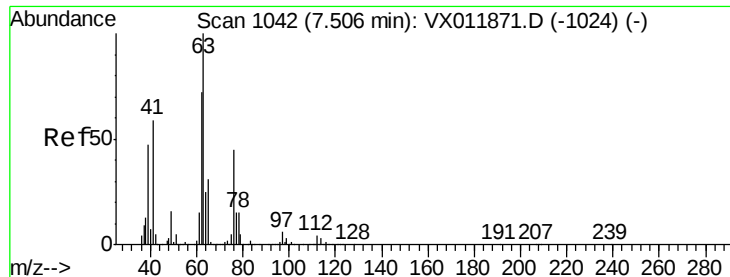


#44

Trichloroethene
 Concen: 2.707 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VX011878.D
 Acq: 28 Aug 2019 19:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.0	0.0	184.0





#45

1,2-Dichloropropane

Concen: 2.612 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.01 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

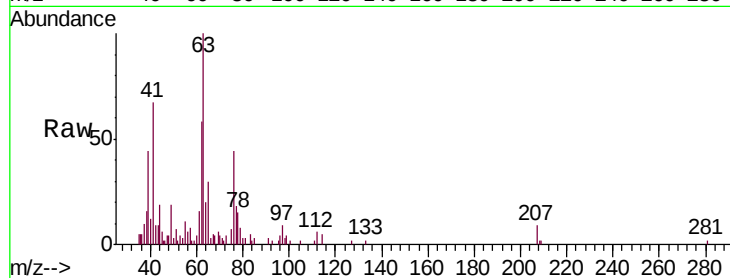
ClientSampleId :

Tot Ion: 63 Resp: 7218

Ion Ratio Lower Upper

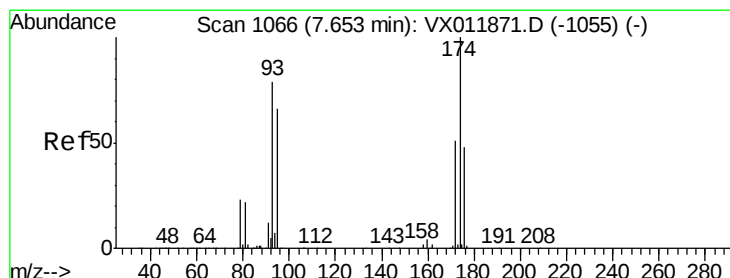
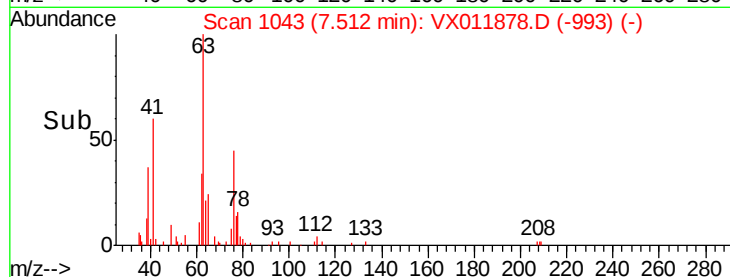
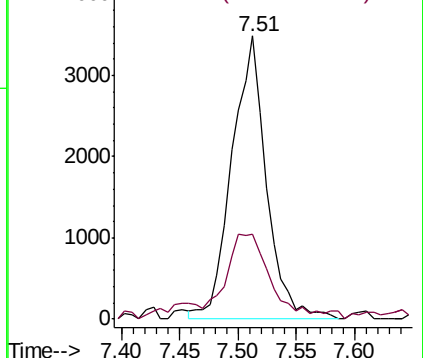
63 100

65 26.8 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 2.680 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.01 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

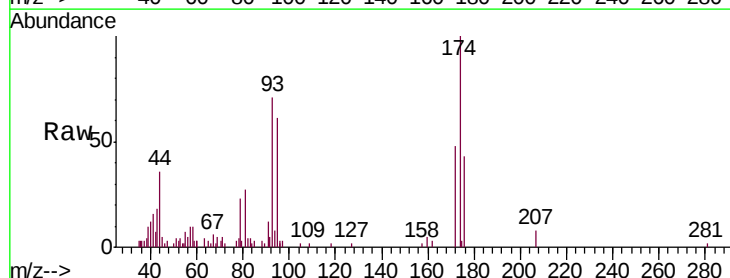
Tgt Ion: 93 Resp: 4387

Ion Ratio Lower Upper

93 100

95 92.8 65.8 98.8

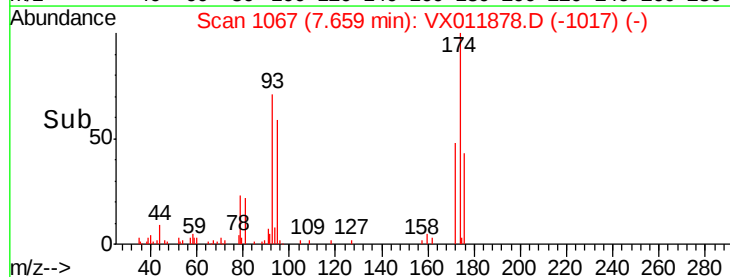
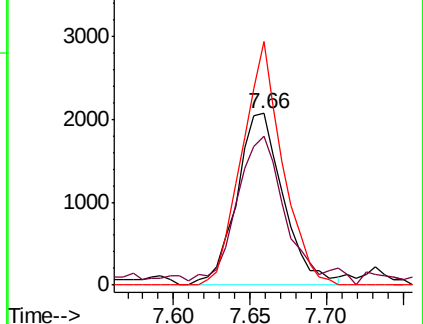
174 123.0 100.2 150.4

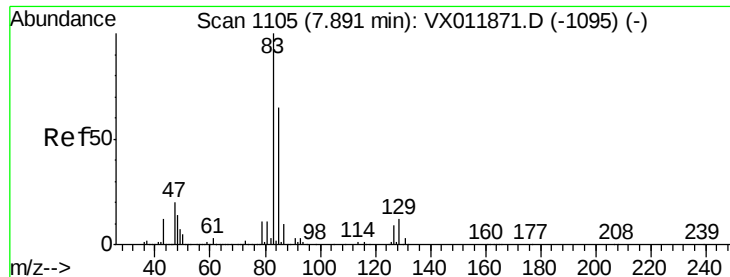


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 2.302 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

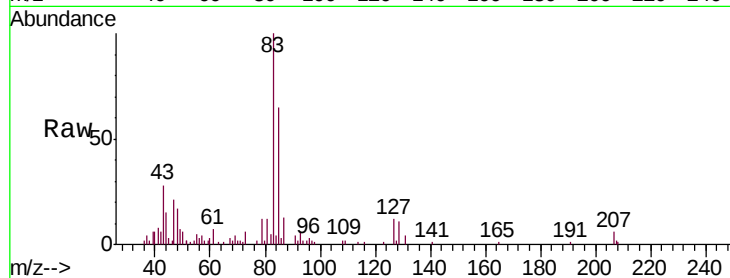
Tot Ion: 83 Resp: 8861

Ion Ratio Lower Upper

83 100

85 62.8 51.8 77.8

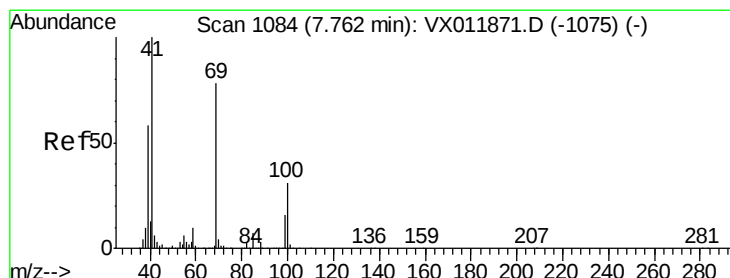
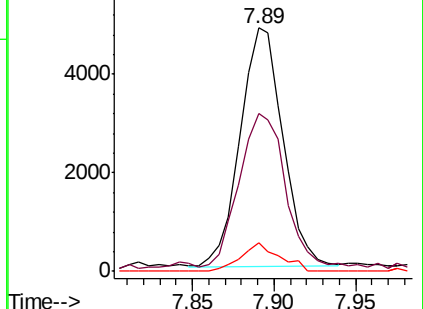
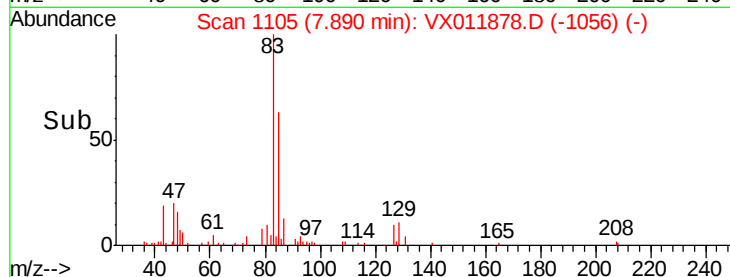
127 12.1 7.4 11.2#



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: 2.620 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

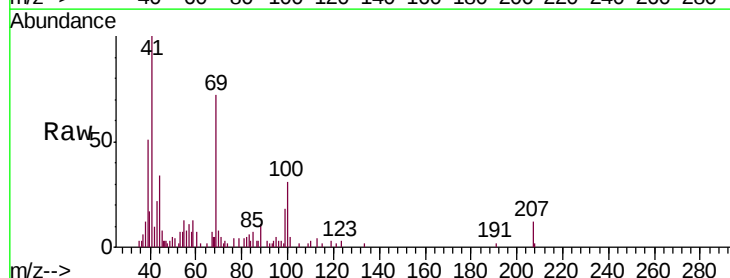
Tgt Ion: 41 Resp: 4167

Ion Ratio Lower Upper

41 100

69 79.8 63.0 94.4

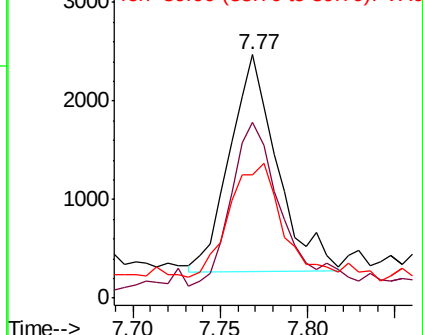
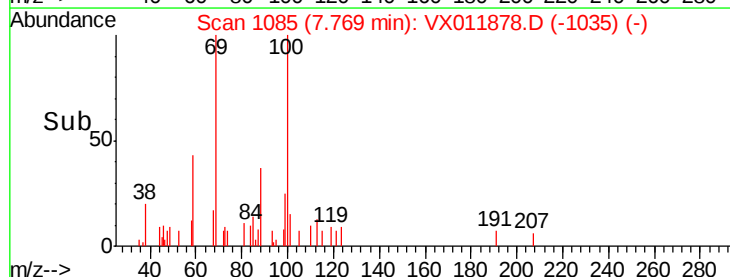
39 57.8 46.1 69.1

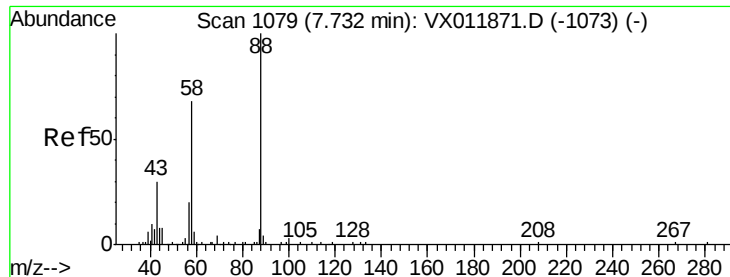


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 111.854 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

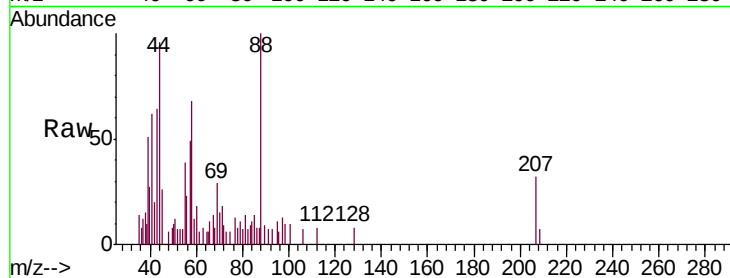
Tot Ion: 88 Resp: 1917

Ion Ratio Lower Upper

88 100

43 28.8 33.2 49.8#

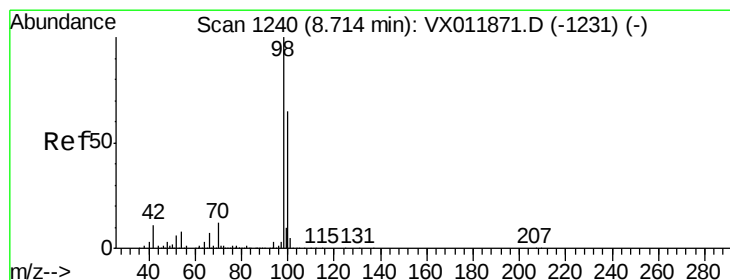
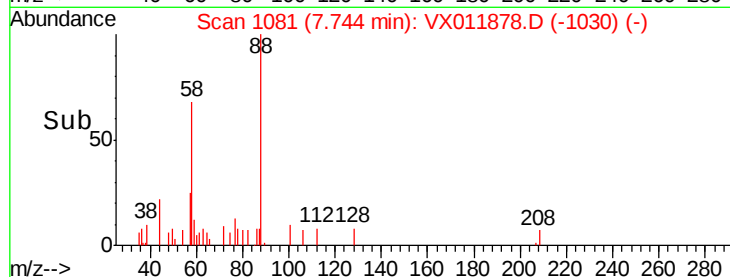
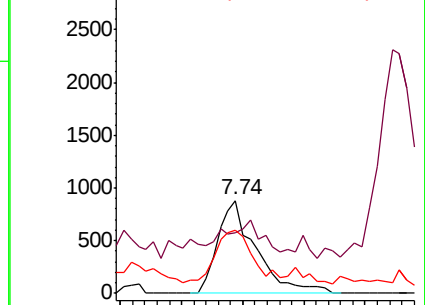
58 55.9 58.2 87.4#



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: 50.611 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011878.D

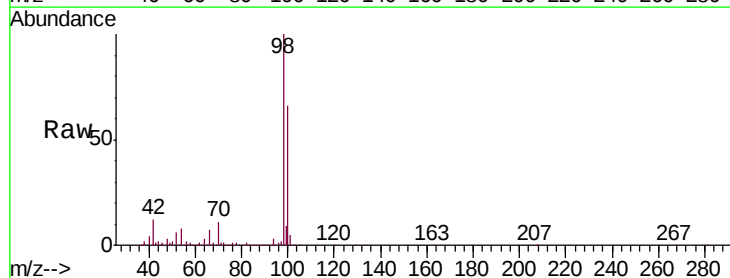
Acq: 28 Aug 2019 19:47

Tgt Ion: 98 Resp: 535872

Ion Ratio Lower Upper

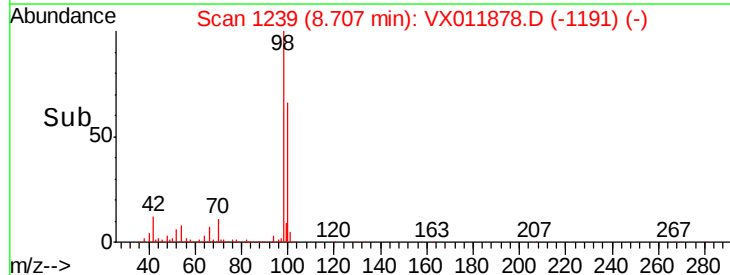
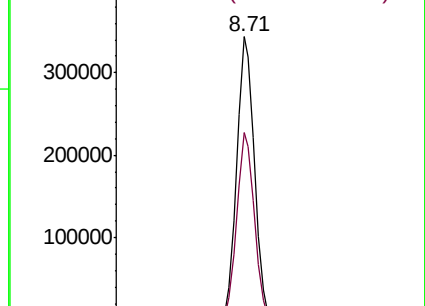
98 100

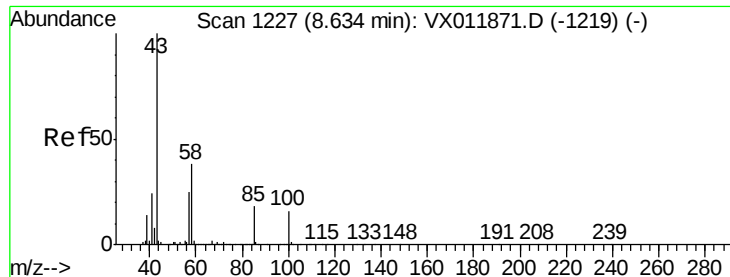
100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

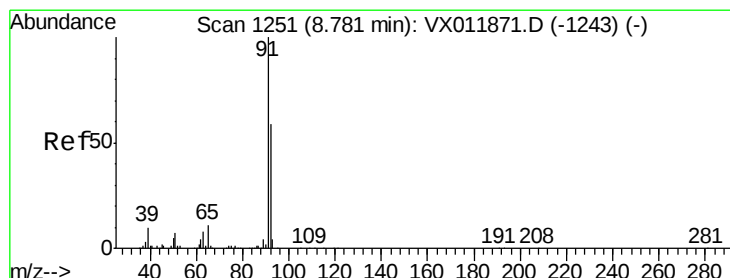
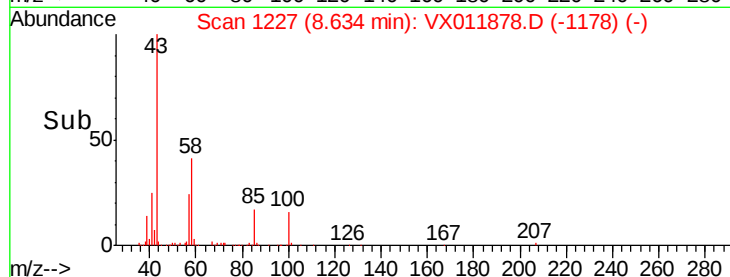
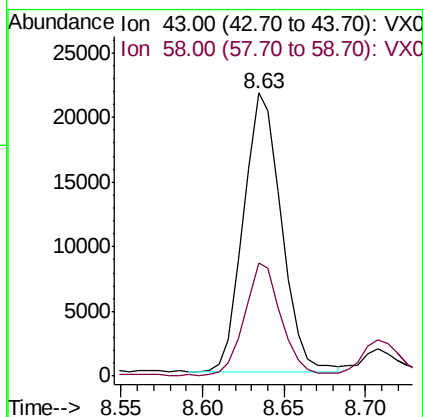
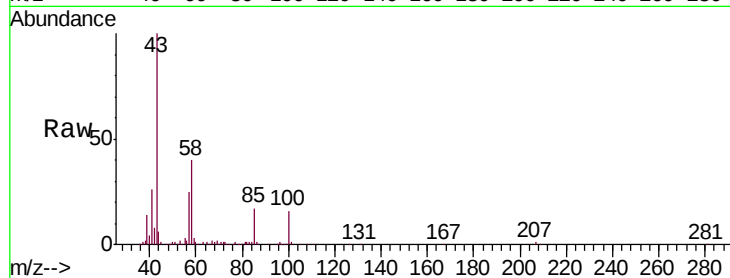




#51
 4-Methyl-2-Pentanone
 Concen: 27.347 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VX011878.D
 Acq: 28 Aug 2019 19:47

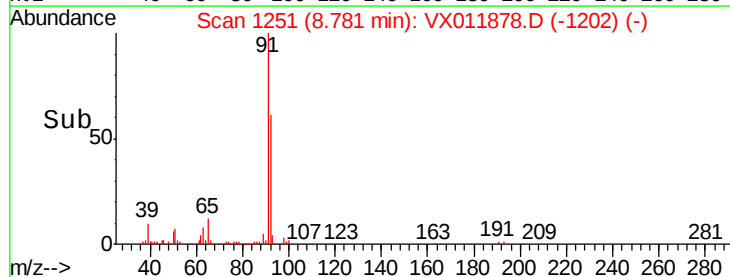
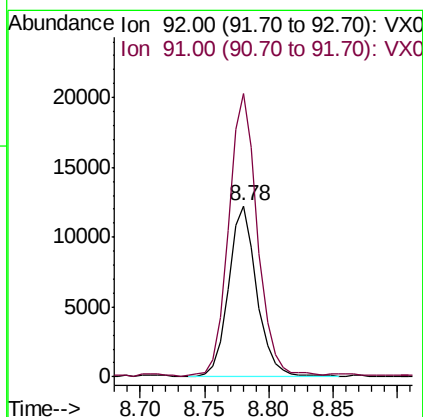
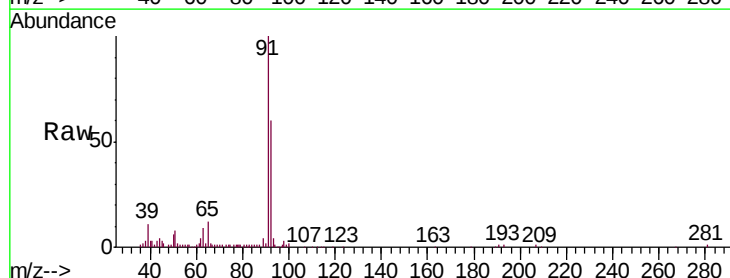
Instrument :
 MSVOA_X
 ClientSampled :

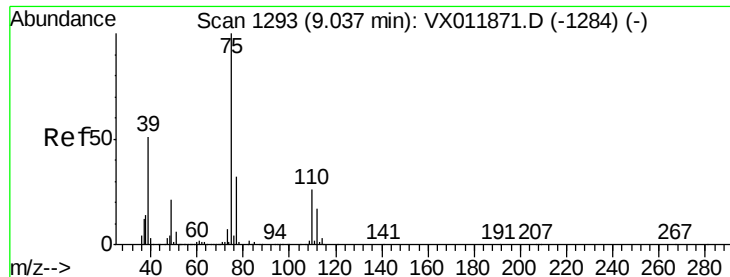
Tot Ion: 43 Resp: 35036
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.8 46.2



#52
 Toluene
 Concen: 2.639 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX011878.D
 Acq: 28 Aug 2019 19:47

Tgt Ion: 92 Resp: 18883
 Ion Ratio Lower Upper
 92 100
 91 167.0 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 2.124 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

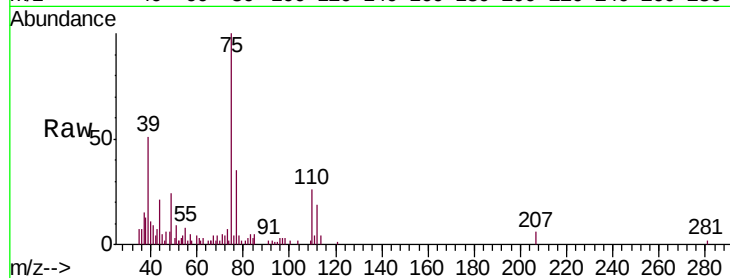
ClientSampleId :

Tot Ion: 75 Resp: 6967

Ion Ratio Lower Upper

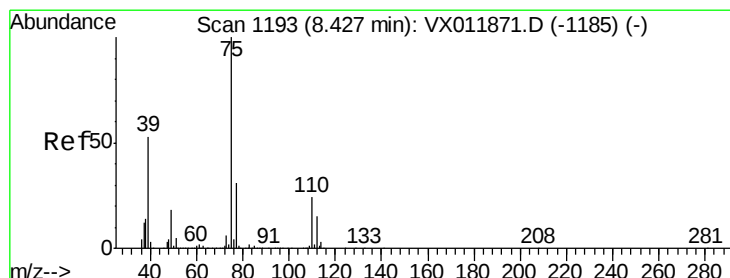
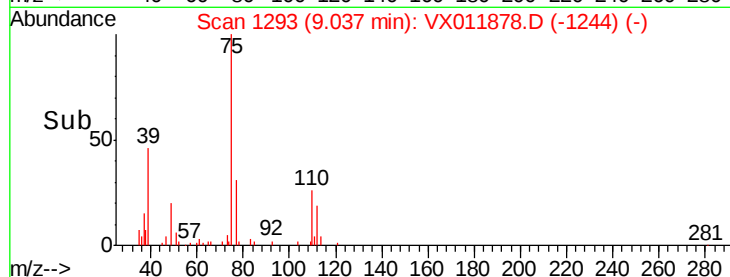
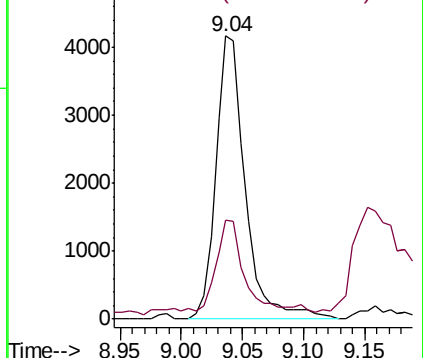
75 100

77 31.1 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 2.300 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.01 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

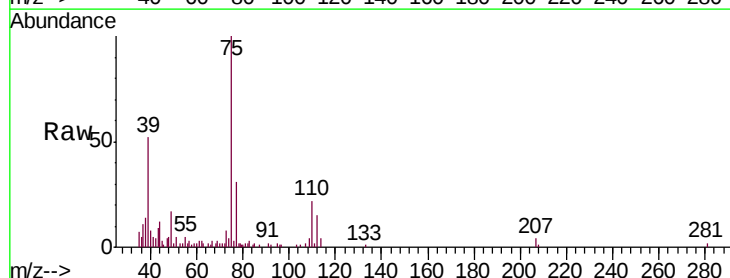
Tgt Ion: 75 Resp: 9522

Ion Ratio Lower Upper

75 100

77 29.2 24.9 37.3

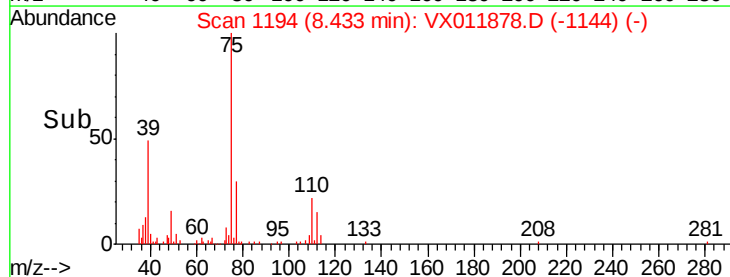
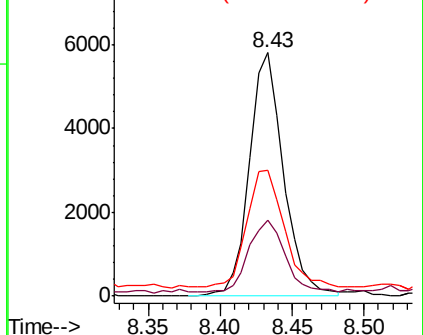
39 47.6 42.2 63.4

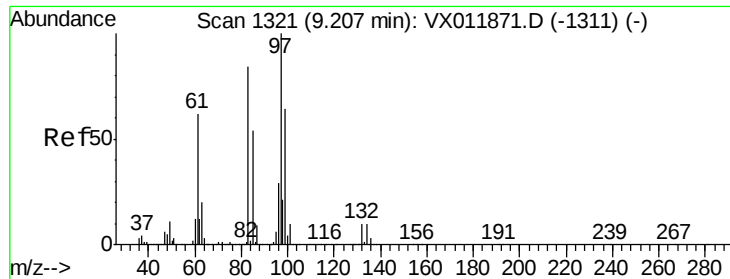


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

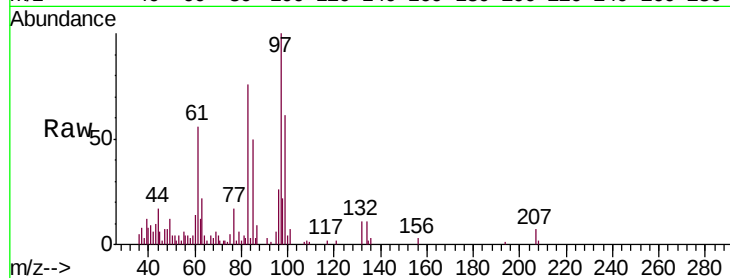




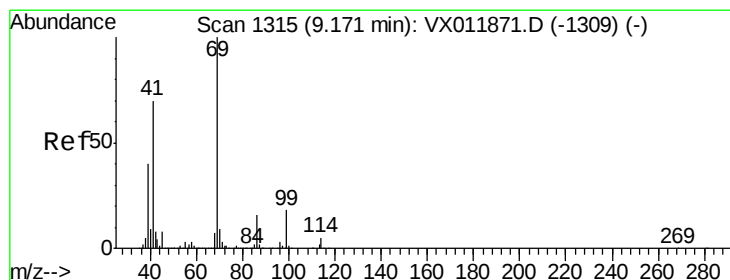
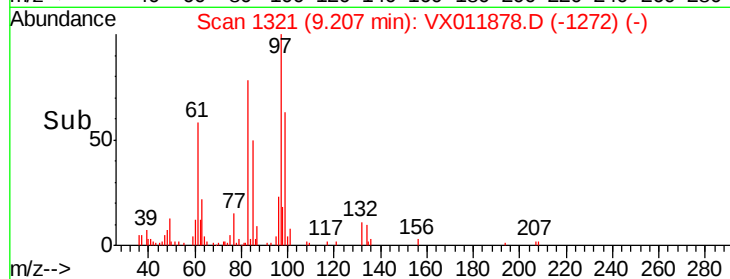
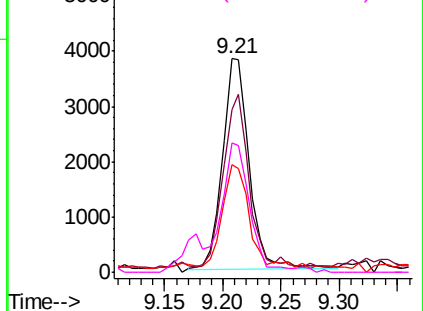
#55
 1,1,2-Trichloroethane
 Concen: 2.871 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VX011878.D
 Acq: 28 Aug 2019 19:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	6124
Ion	Ratio	Lower	Upper
97	100		
83	74.4	67.6	101.4
85	48.8	42.9	64.3
99	61.9	51.1	76.7

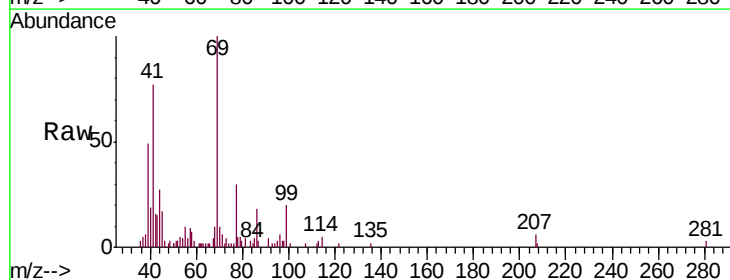


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

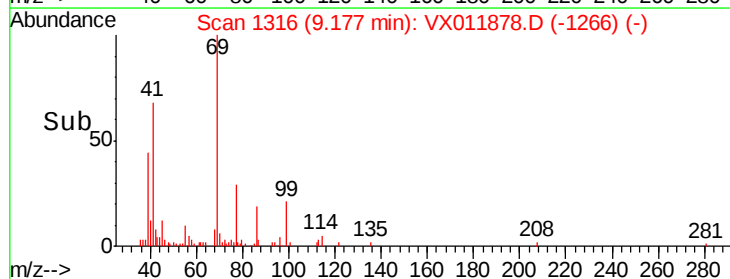
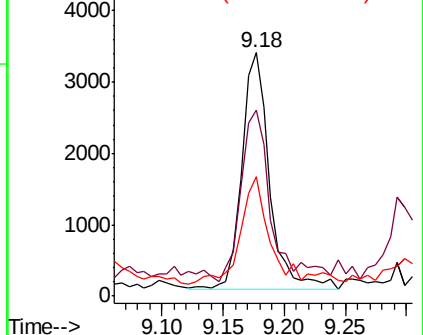


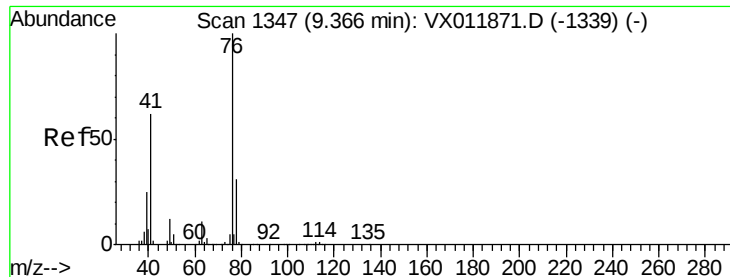
#56
 Ethyl methacrylate
 Concen: 2.488 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VX011878.D
 Acq: 28 Aug 2019 19:47

Tgt Ion:	69	Resp:	5175
Ion	Ratio	Lower	Upper
69	100		
41	79.3	55.9	83.9
39	47.8	31.9	47.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 2.584 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

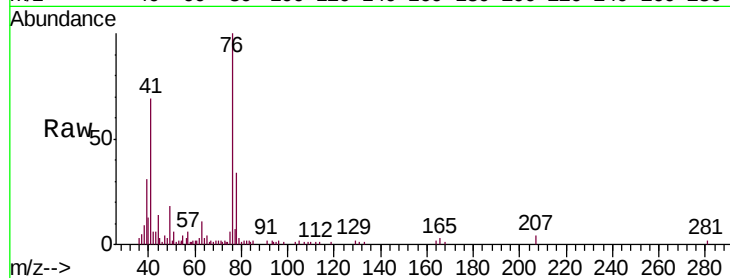
ClientSampleId :

Tot Ion: 76 Resp: 9163

Ion Ratio Lower Upper

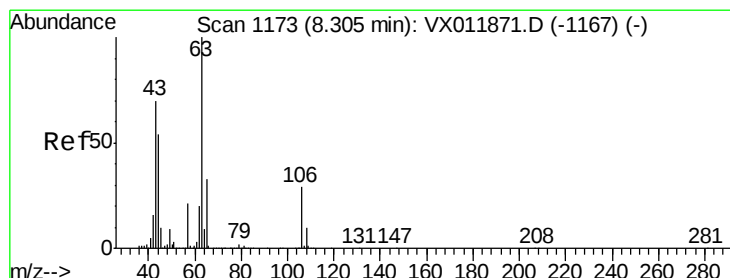
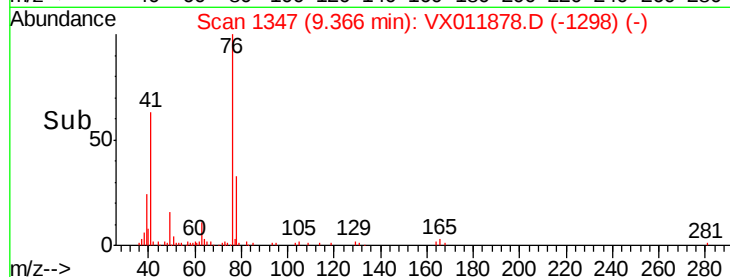
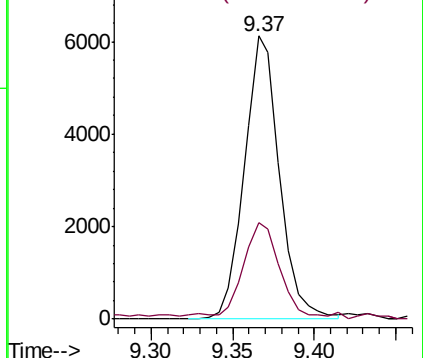
76 100

78 34.0 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 35.425 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VX011878.D

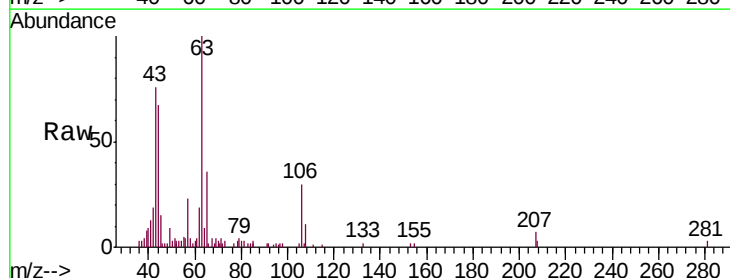
Acq: 28 Aug 2019 19:47

Tgt Ion: 63 Resp: 6625

Ion Ratio Lower Upper

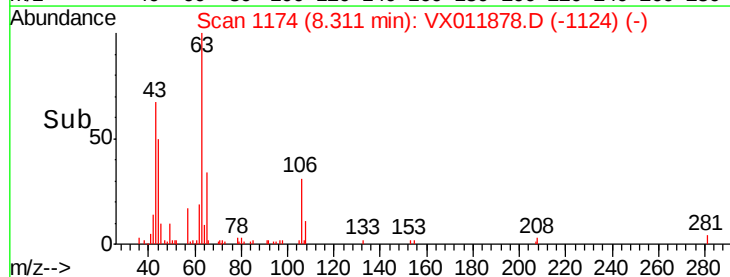
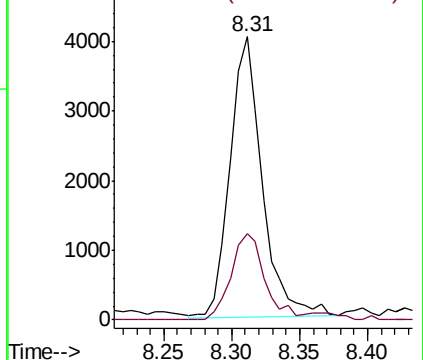
63 100

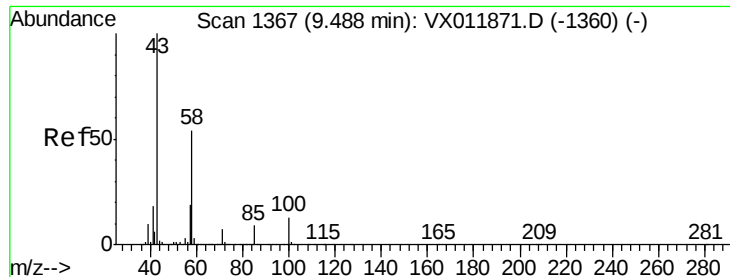
106 32.4 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

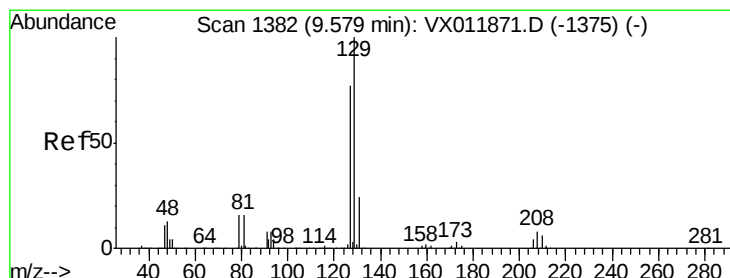
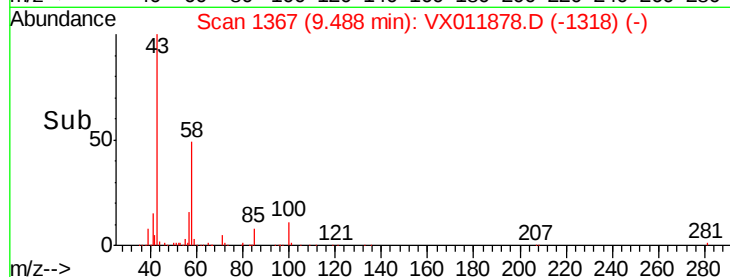
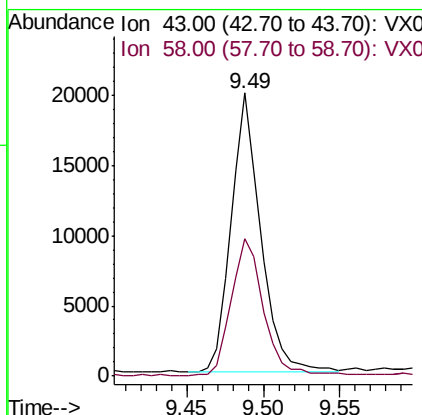
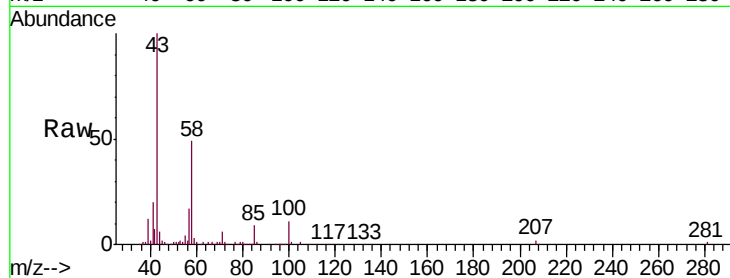




#59
2-Hexanone
Concen: 32.210 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

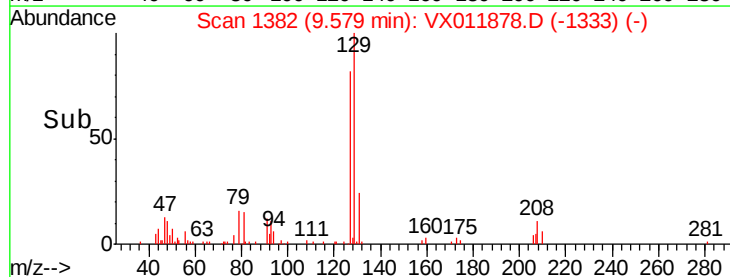
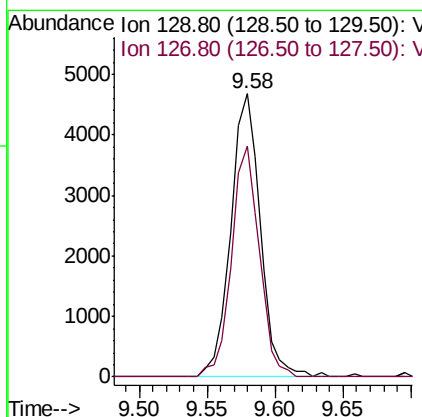
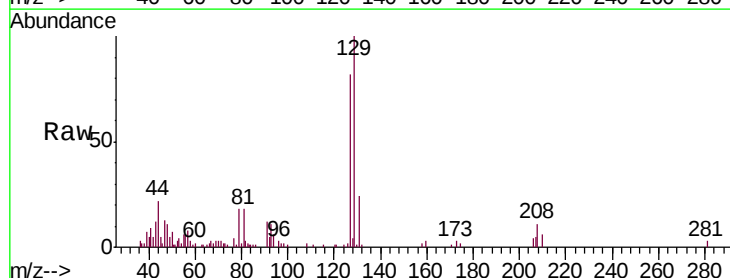
Instrument :
MSVOA_X
ClientSampleId :

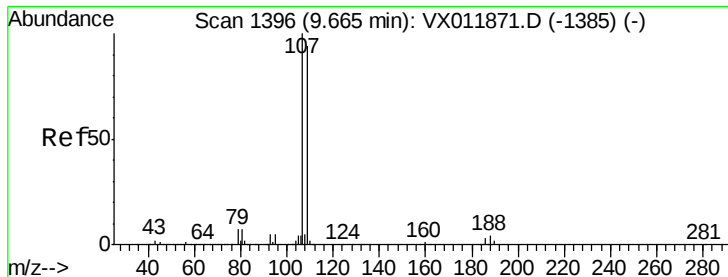
Tot Ion: 43 Resp: 26371
Ion Ratio Lower Upper
43 100
58 53.7 26.7 80.1



#60
Dibromochloromethane
Concen: 2.490 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Tgt Ion: 129 Resp: 7070
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 2.511 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

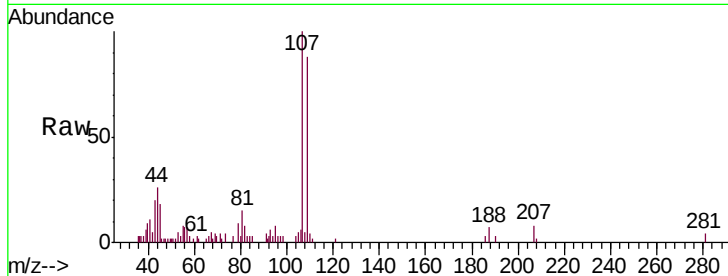
ClientSampleId :

Tot Ion:107 Resp: 5246

Ion Ratio Lower Upper

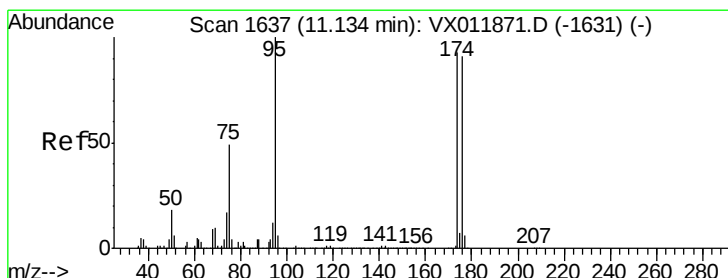
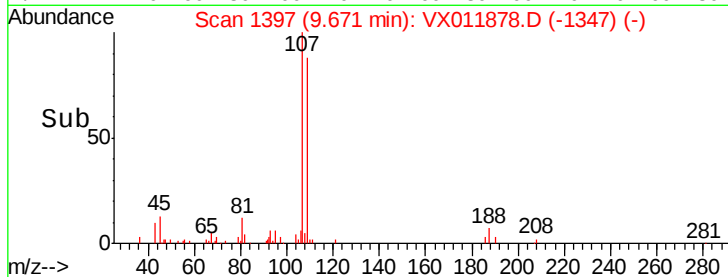
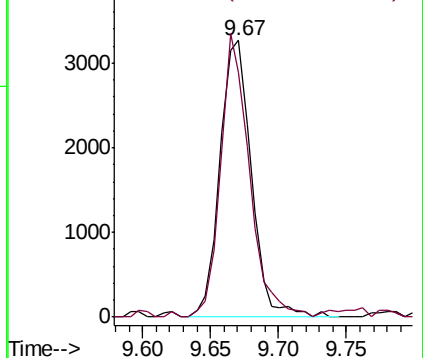
107 100

109 94.0 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: 49.379 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

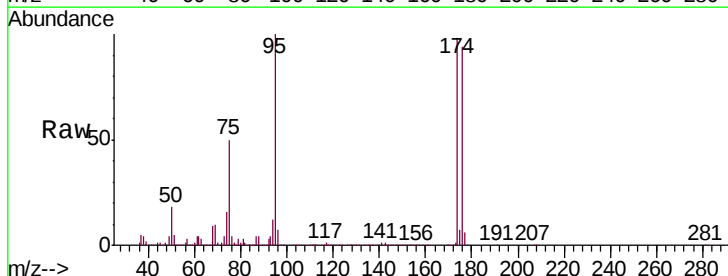
Tgt Ion: 95 Resp: 208554

Ion Ratio Lower Upper

95 100

174 95.5 0.0 189.2

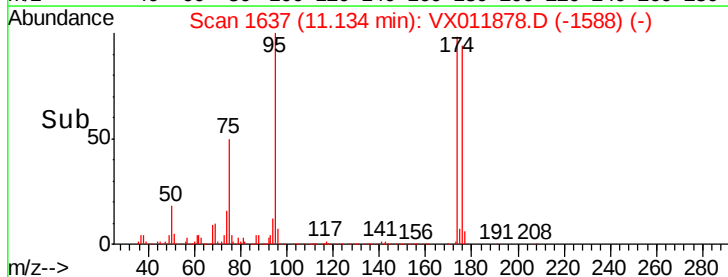
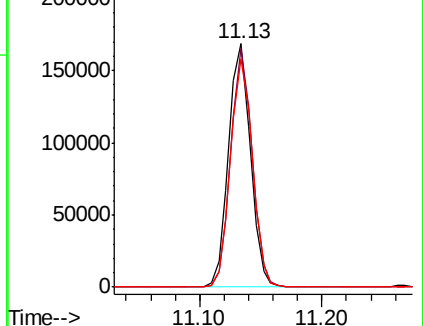
176 93.4 0.0 185.6

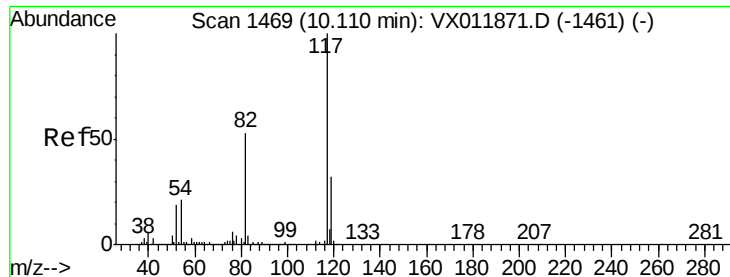


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

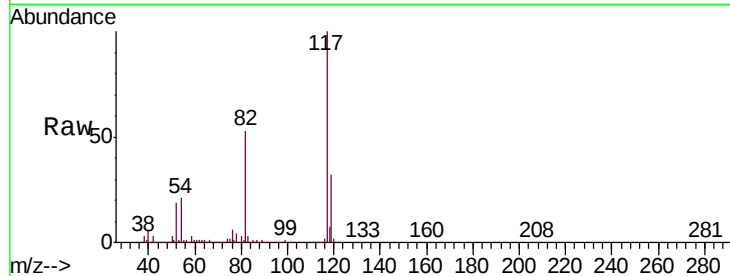




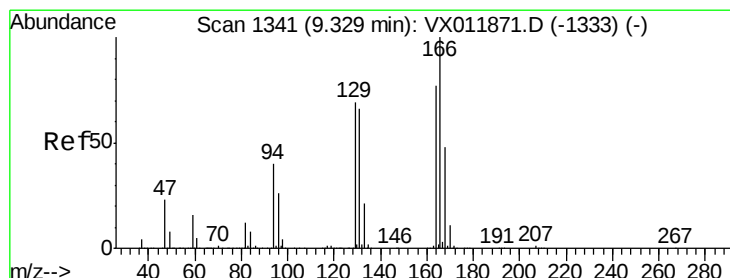
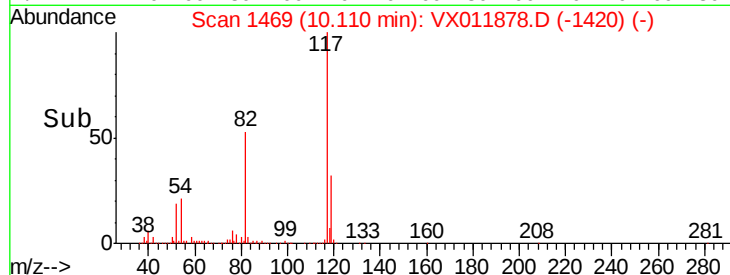
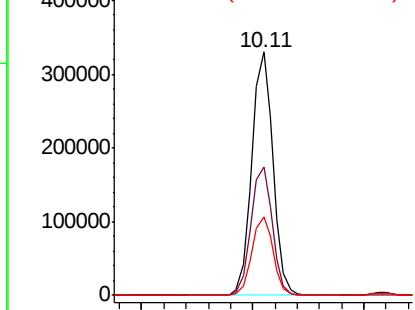
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 436464
Ion Ratio Lower Upper
117 100
82 52.8 42.4 63.6
119 32.3 25.5 38.3

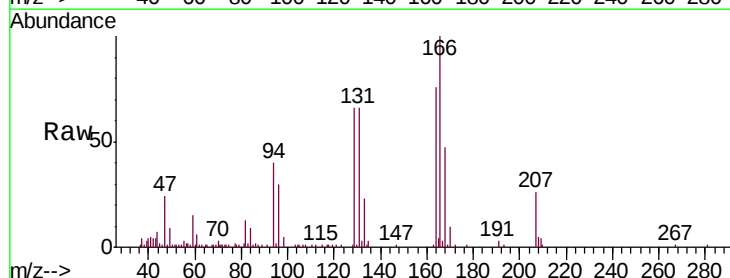


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

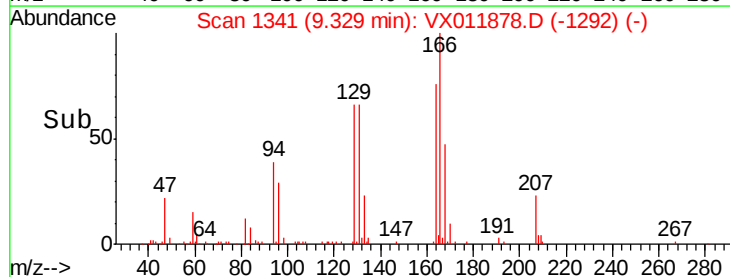
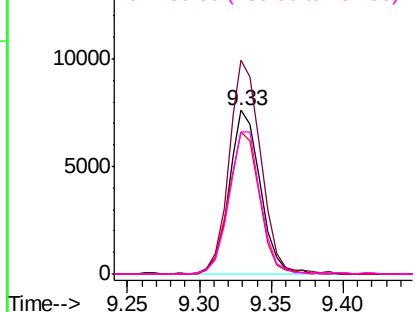


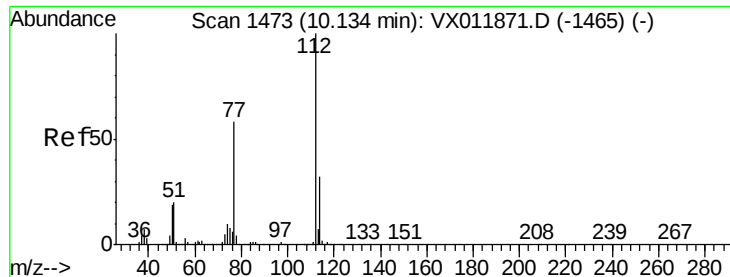
#64
Tetrachloroethene
Concen: 2.704 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Tgt Ion:164 Resp: 11486
Ion Ratio Lower Upper
164 100
166 130.8 103.6 155.4
129 86.7 71.4 107.2
131 86.6 68.0 102.0



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





#65

Chlorobenzene

Concen: 2.633 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

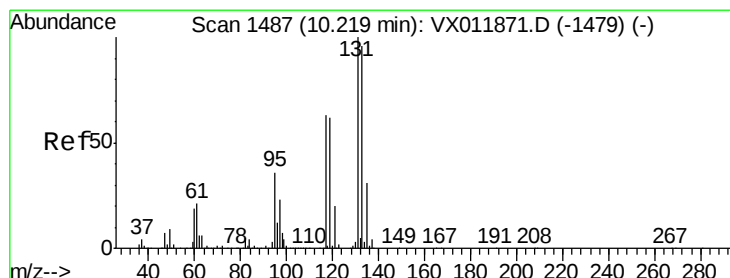
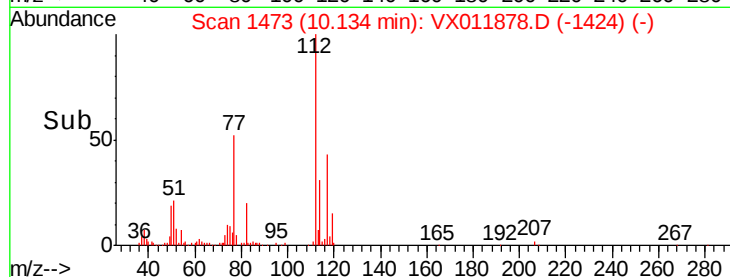
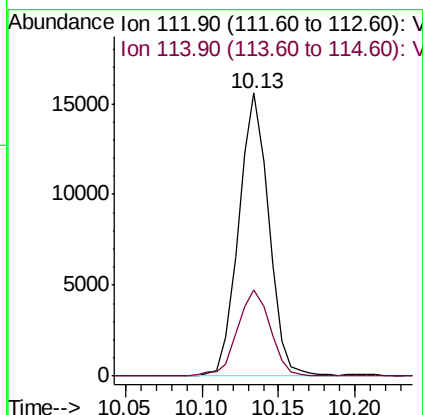
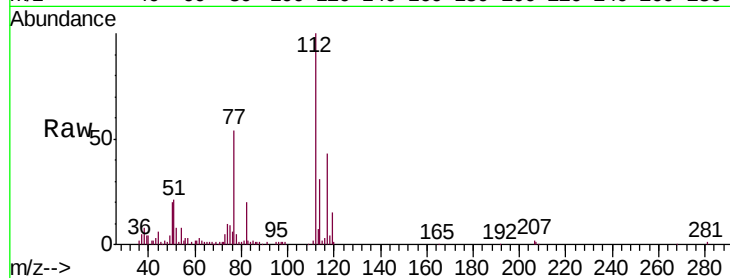
ClientSampleId :

Tot Ion:112 Resp: 21284

Ion Ratio Lower Upper

112 100

114 30.6 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 2.276 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

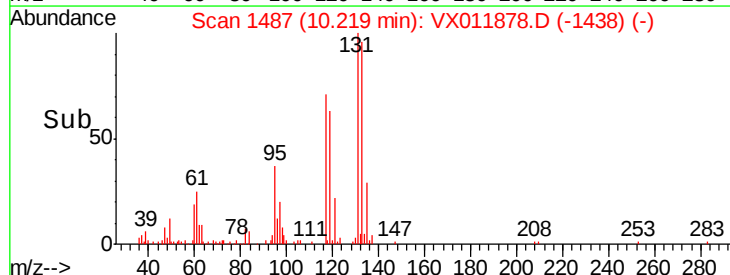
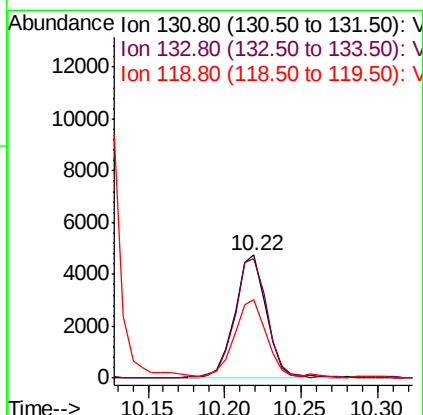
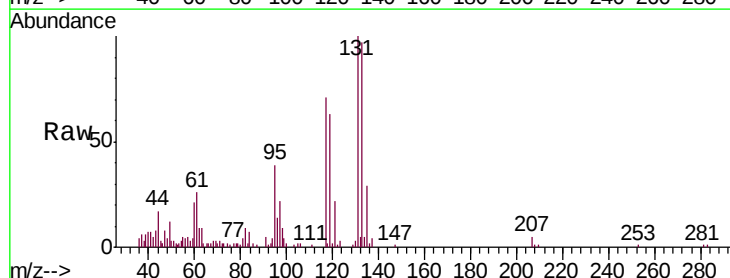
Tgt Ion:131 Resp: 6749

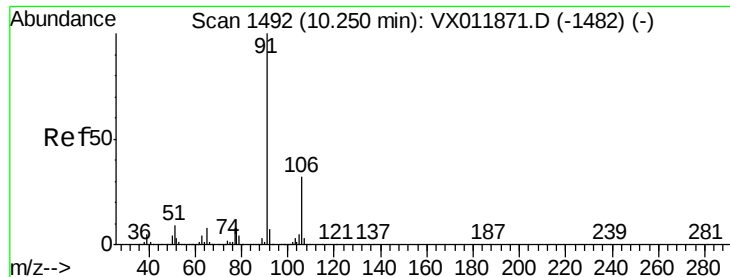
Ion Ratio Lower Upper

131 100

133 100.8 47.8 143.3

119 0.0 31.1 93.5#

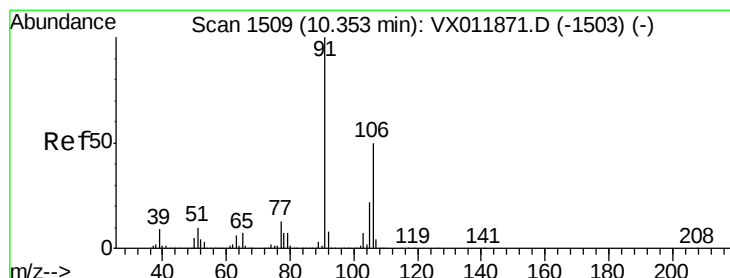
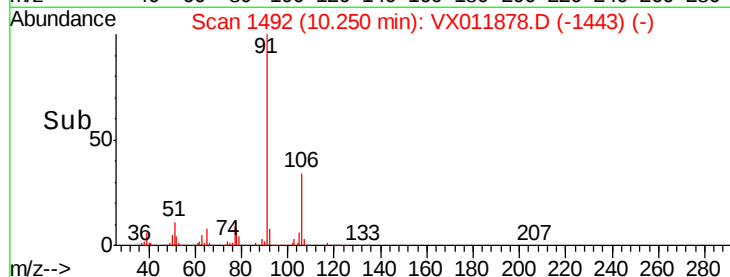
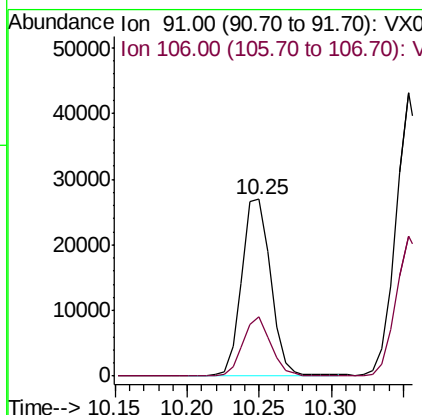
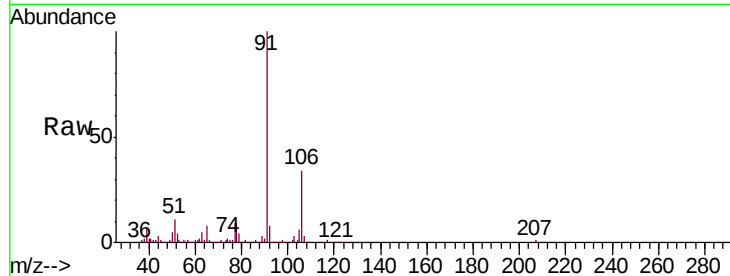




#67
Ethyl Benzene
Concen: 2.698 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

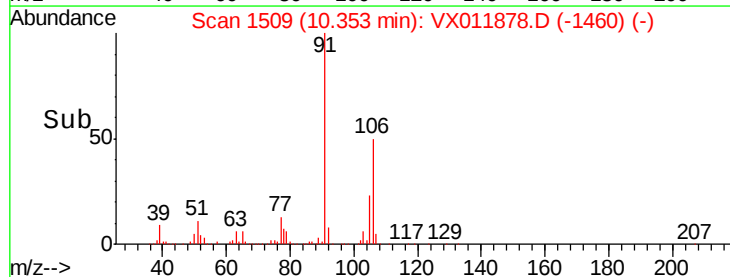
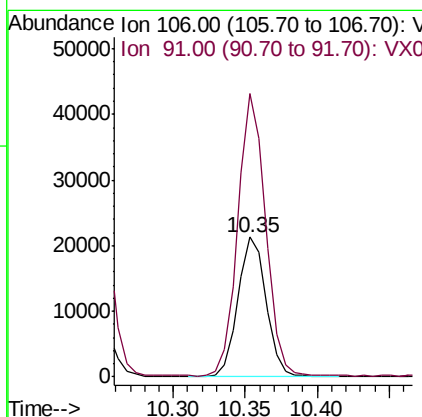
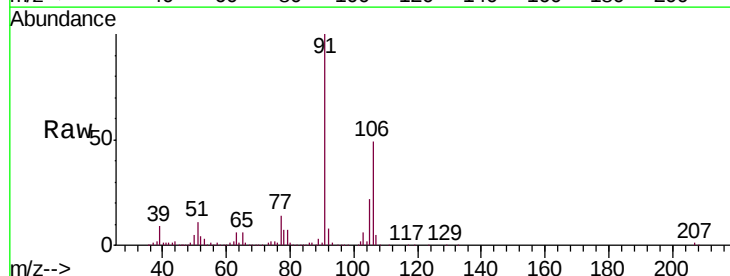
Instrument :
MSVOA_X
ClientSampleId :

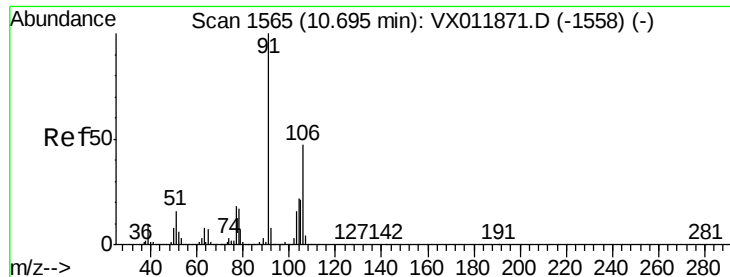
Tot Ion: 91 Resp: 37459
Ion Ratio Lower Upper
91 100
106 33.6 25.5 38.3



#68
m/p-Xylenes
Concen: 5.535 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Tgt Ion: 106 Resp: 29254
Ion Ratio Lower Upper
106 100
91 196.9 158.9 238.3

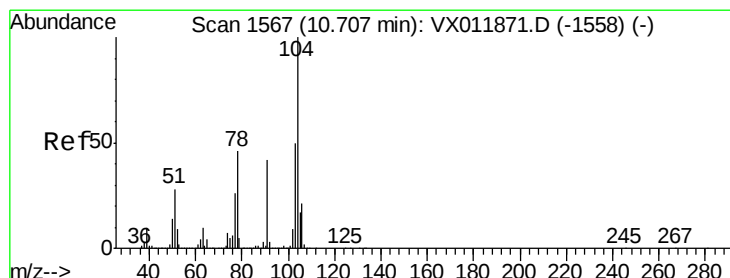
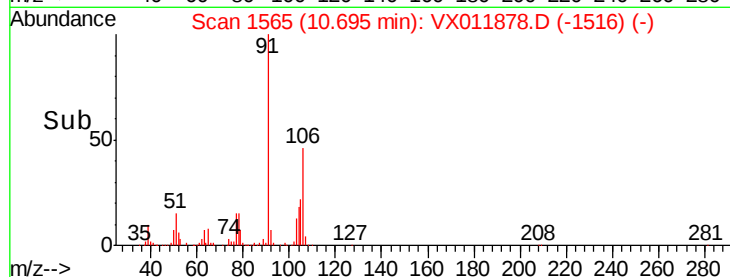
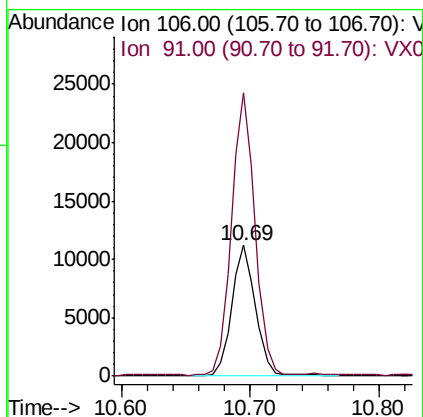
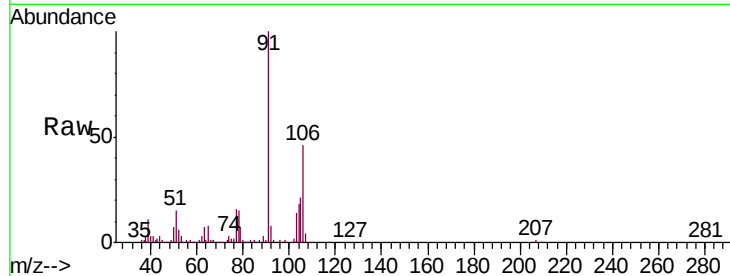




#69
o-Xylene
Concen: 2.911 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

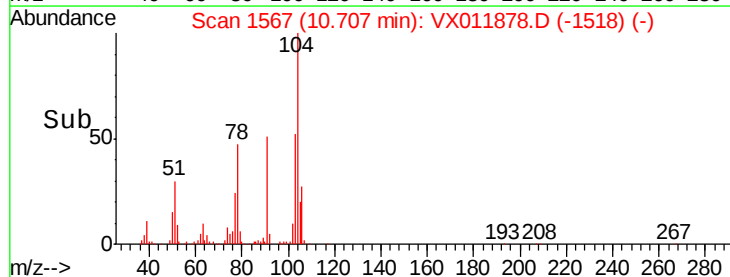
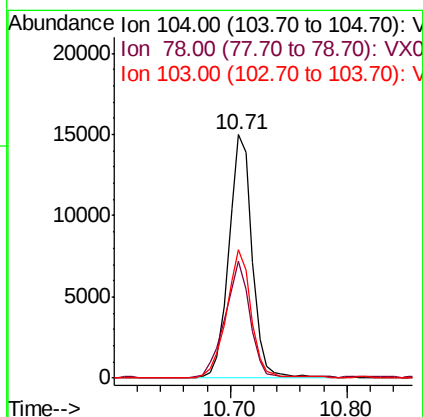
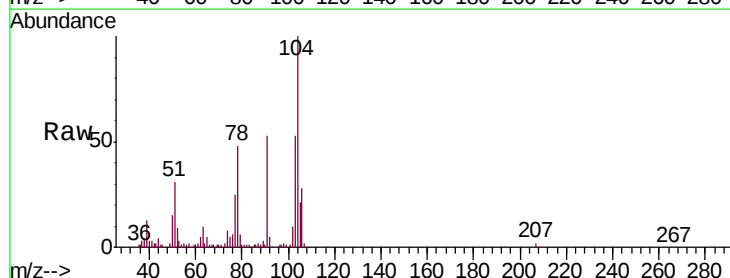
Instrument :
MSVOA_X
ClientSampleID :

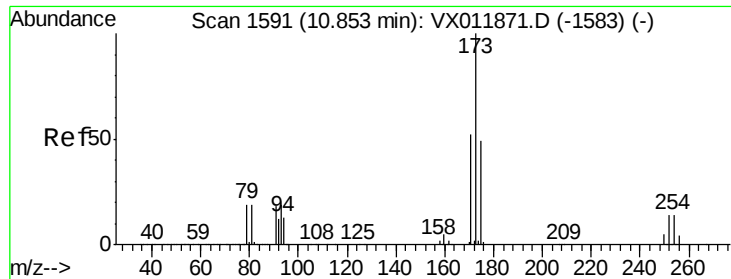
Tot Ion:106 Resp: 14479
Ion Ratio Lower Upper
106 100
91 212.0 105.6 316.8



#70
Styrene
Concen: 2.546 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Tgt Ion:104 Resp: 20941
Ion Ratio Lower Upper
104 100
78 52.2 40.4 60.6
103 55.4 43.5 65.3





#71

Bromoform

Concen: 2.329 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

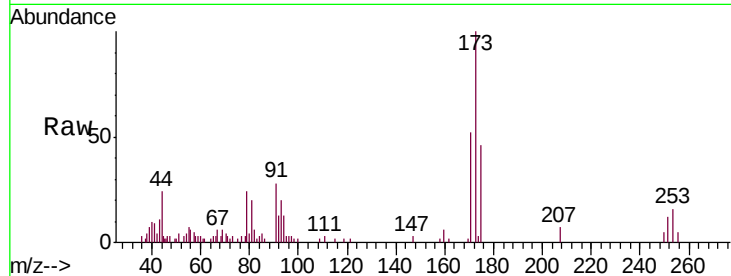
Tot Ion:173 Resp: 4476

Ion Ratio Lower Upper

173 100

175 49.0 23.8 71.2

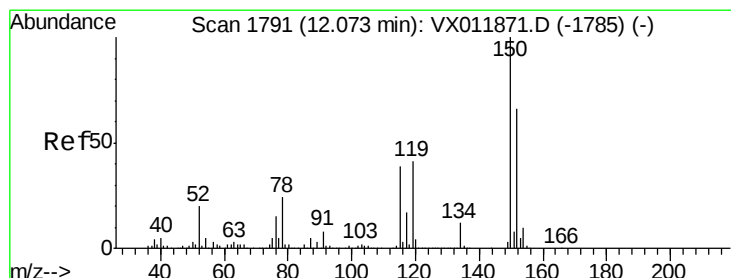
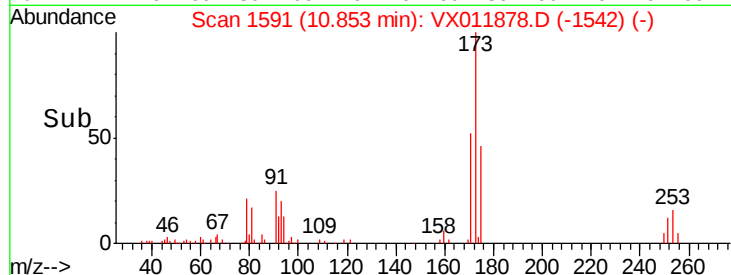
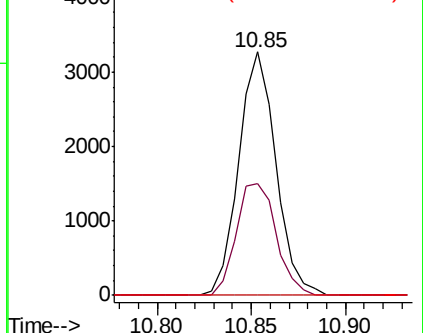
254 0.0 0.2 0.2#



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: VX011878.D

Acq: 28 Aug 2019 19:47

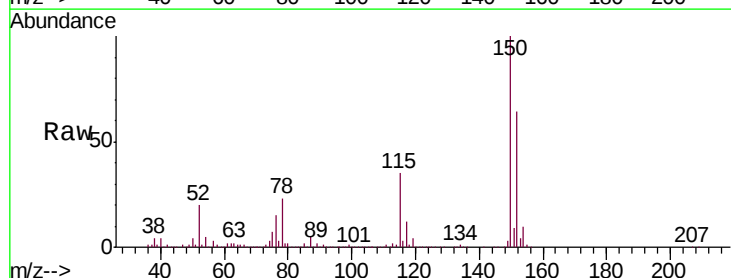
Tgt Ion:152 Resp: 237093

Ion Ratio Lower Upper

152 100

115 55.9 36.0 108.1

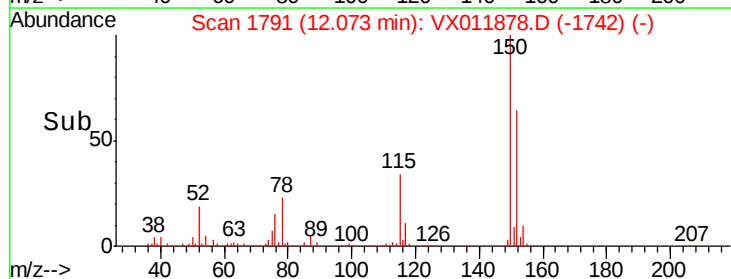
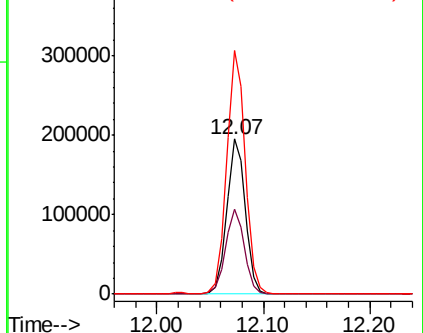
150 156.7 0.0 341.4

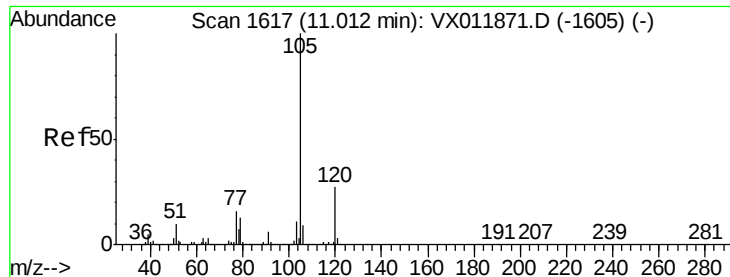


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 3.281 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

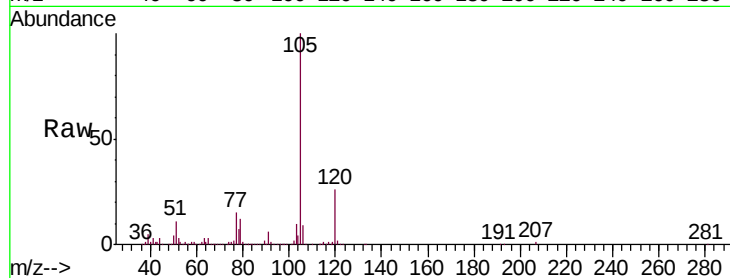
ClientSampleId :

Tot Ion:105 Resp: 44921

Ion Ratio Lower Upper

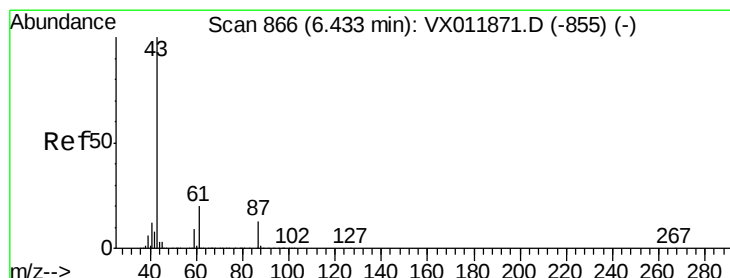
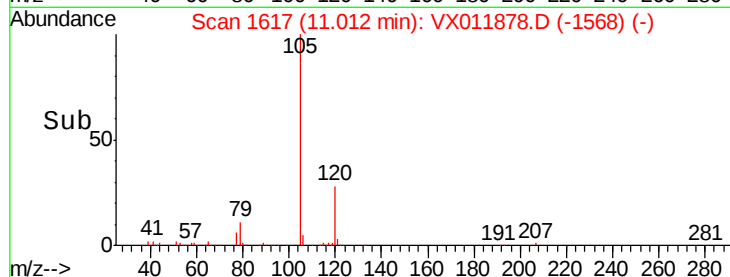
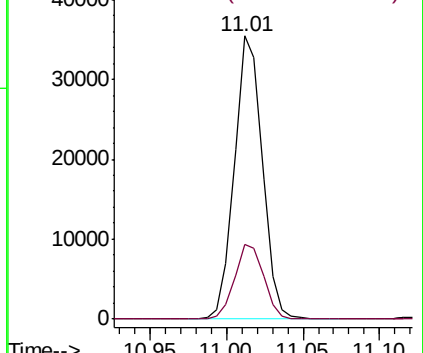
105 100

120 27.6 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 2.365 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Tgt Ion: 43 Resp: 8155

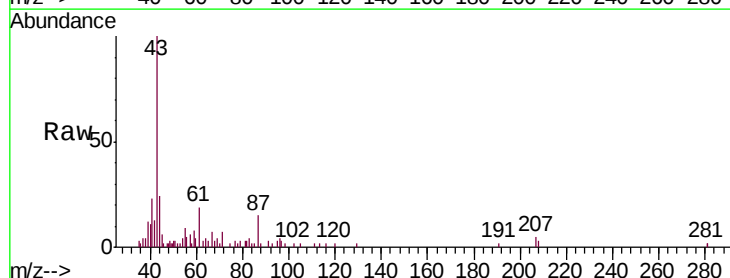
Ion Ratio Lower Upper

43 100

70 3.0 0.1 0.1#

55 0.0 0.1 0.1#

61 21.2 15.6 23.4

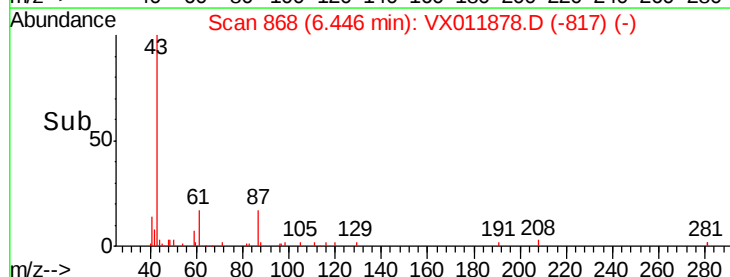
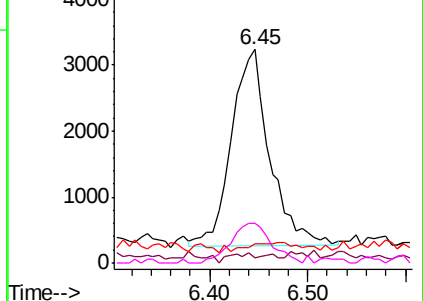


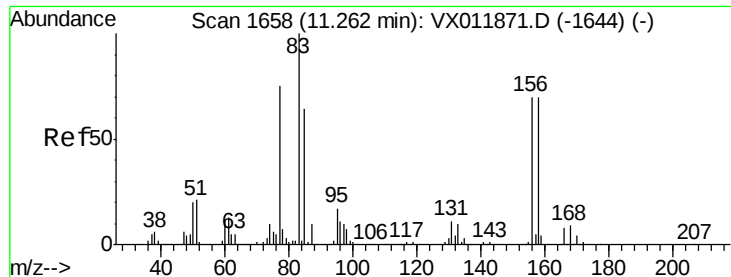
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 2.719 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

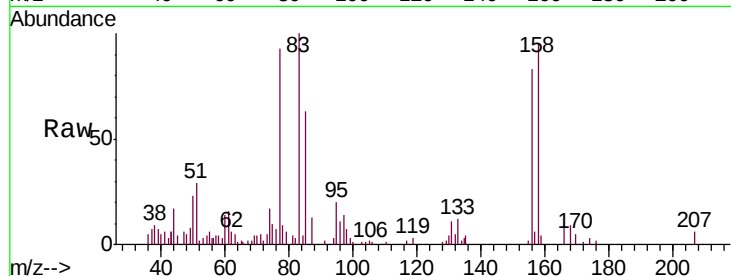
Tot Ion: 83 Resp: 6228

Ion Ratio Lower Upper

83 100

131 13.5 6.0 18.1

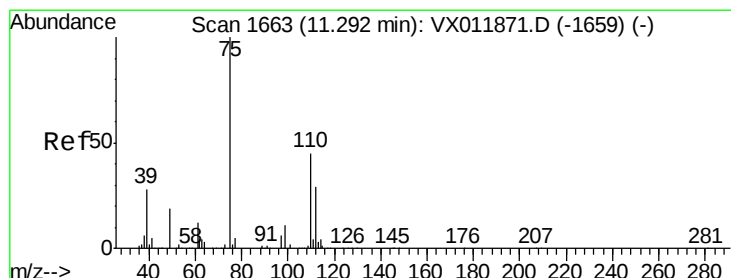
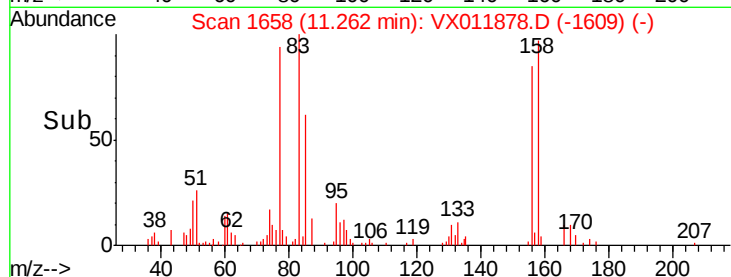
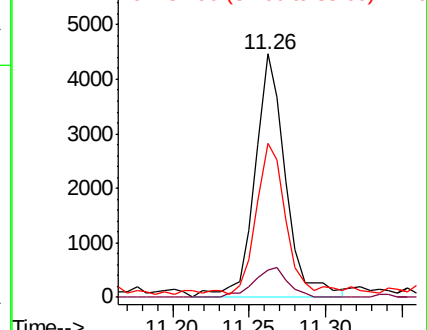
85 59.1 31.9 95.9



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: 2.797 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011878.D

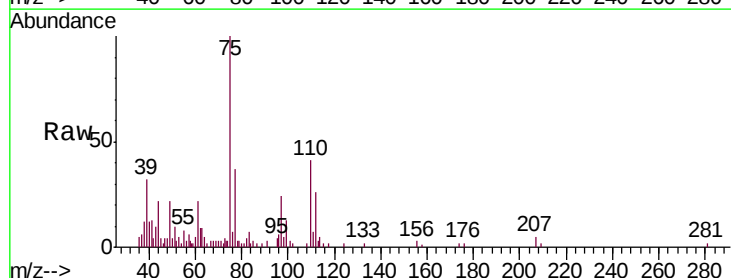
Acq: 28 Aug 2019 19:47

Tgt Ion: 75 Resp: 5093

Ion Ratio Lower Upper

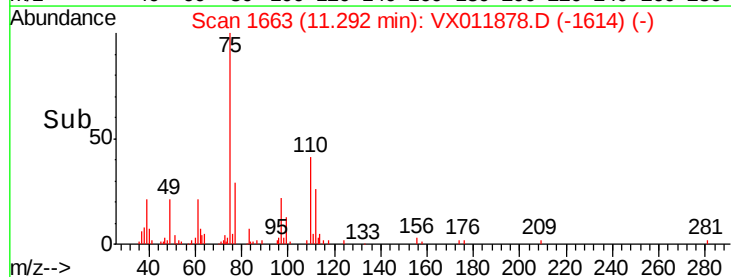
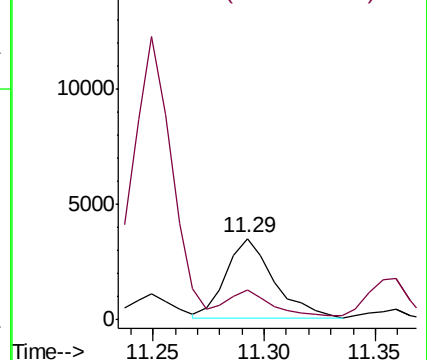
75 100

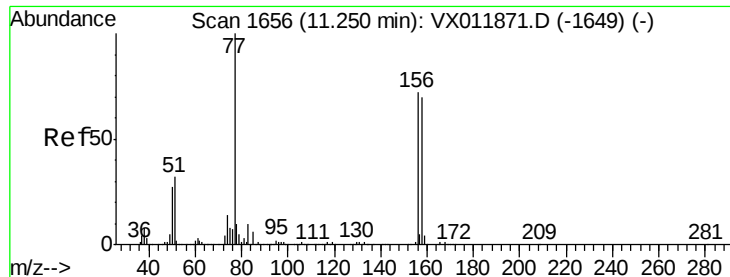
77 32.0 19.5 58.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 2.811 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

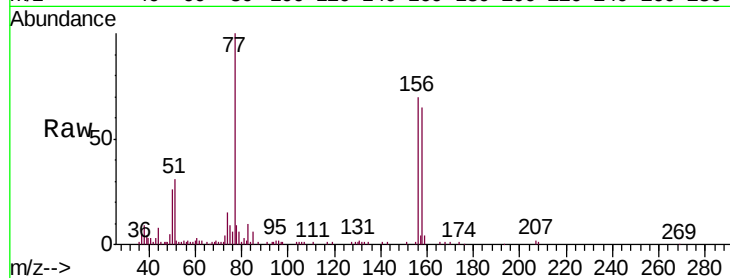
Tot Ion:156 Resp: 10730

Ion Ratio Lower Upper

156 100

77 143.0 69.4 208.2

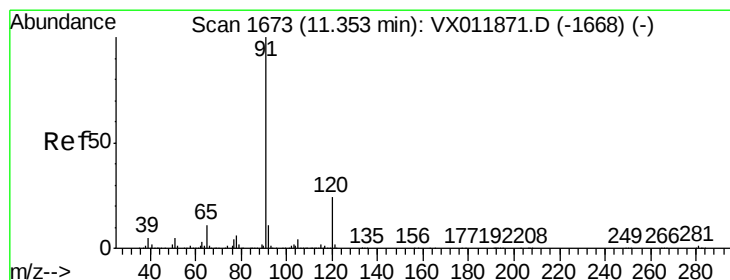
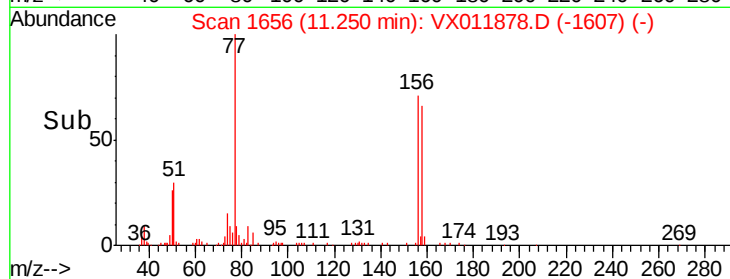
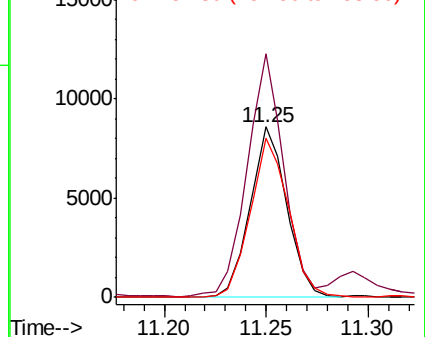
158 97.5 48.2 144.6



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: 3.595 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VX011878.D

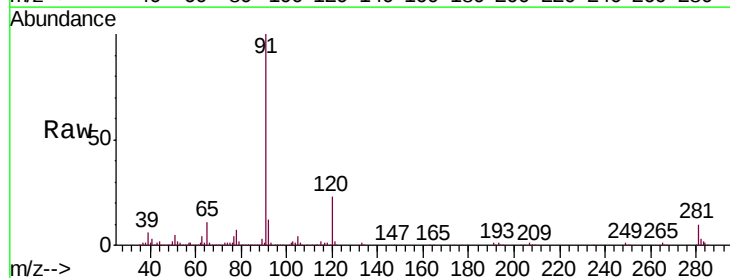
Acq: 28 Aug 2019 19:47

Tgt Ion: 91 Resp: 54146

Ion Ratio Lower Upper

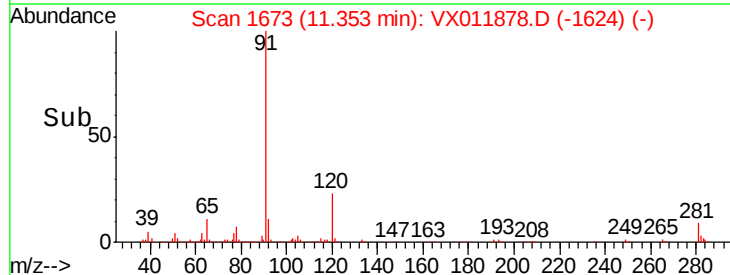
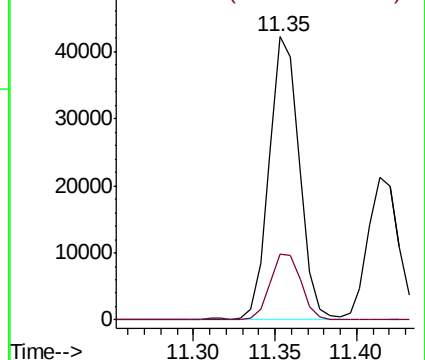
91 100

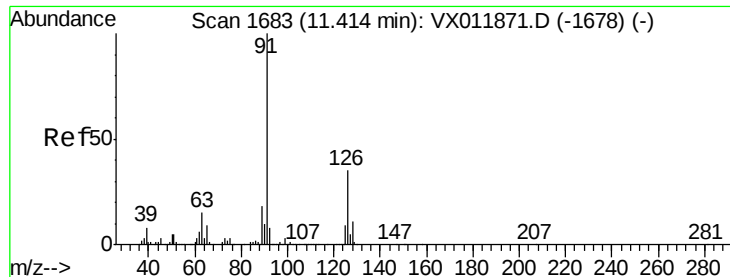
120 23.9 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

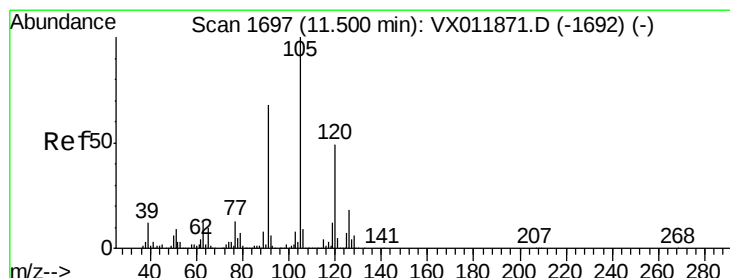
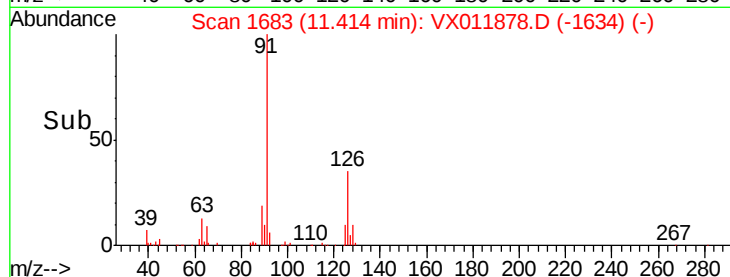
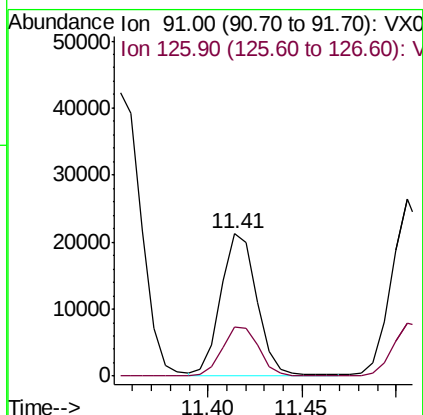
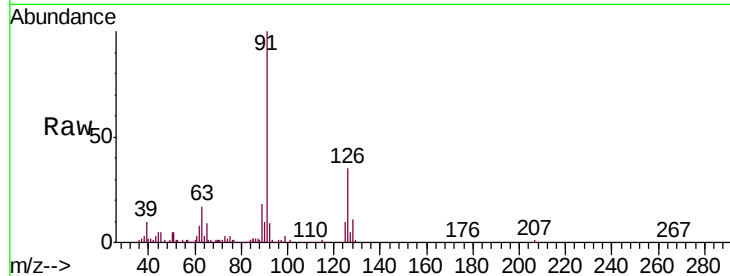




#79
 2-Chlorotoluene
 Concen: 2.981 ug/l
 RT: 11.41 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: VX011878.D
 Acq: 28 Aug 2019 19:47

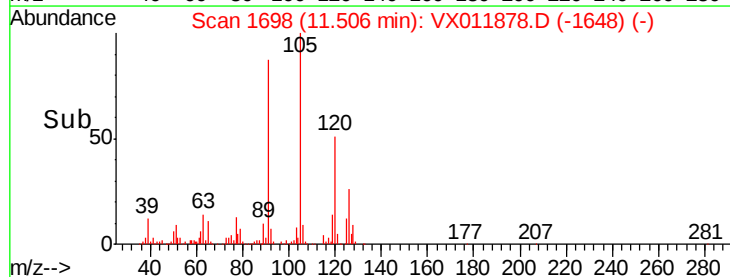
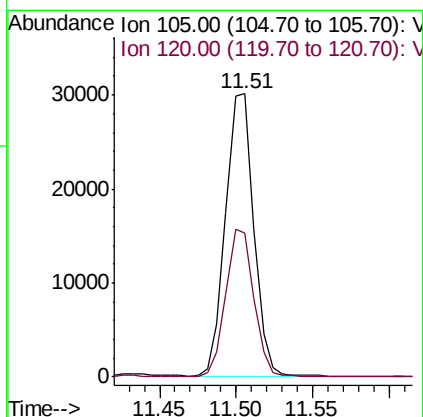
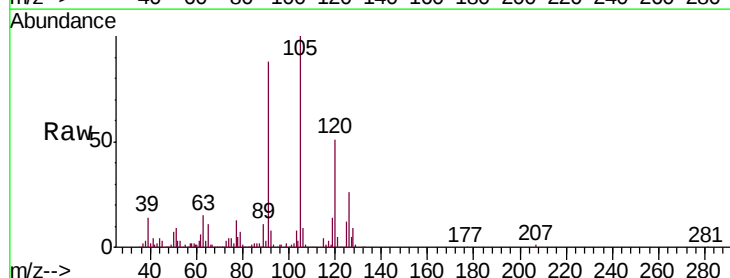
Instrument :
 MSVOA_X
 ClientSampleId :

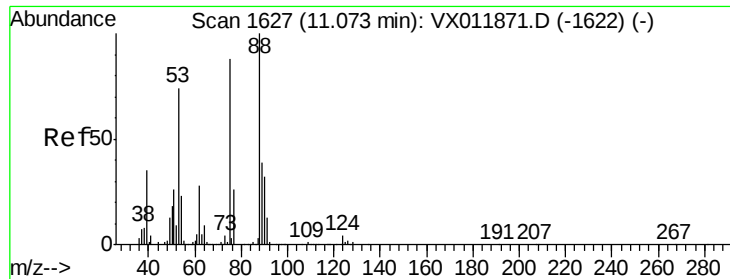
Tot Ion: 91 Resp: 28135
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 3.365 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.01 min
 Lab File: VX011878.D
 Acq: 28 Aug 2019 19:47

Tgt Ion: 105 Resp: 38652
 Ion Ratio Lower Upper
 105 100
 120 51.8 24.9 74.8

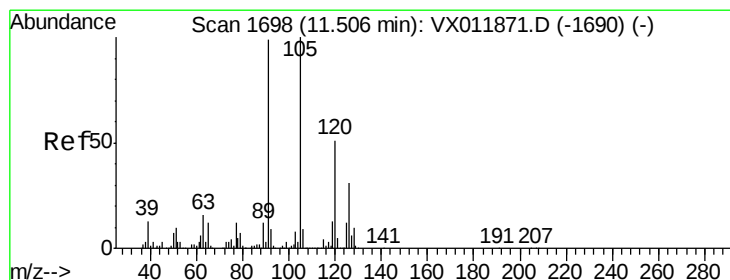
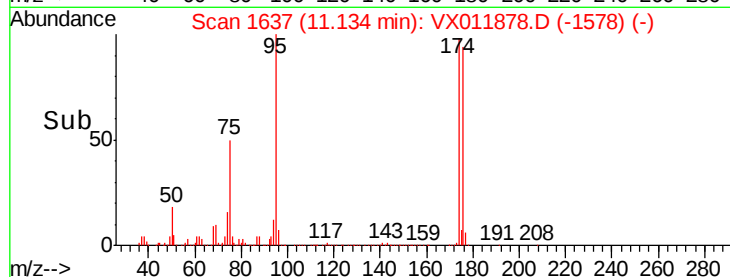
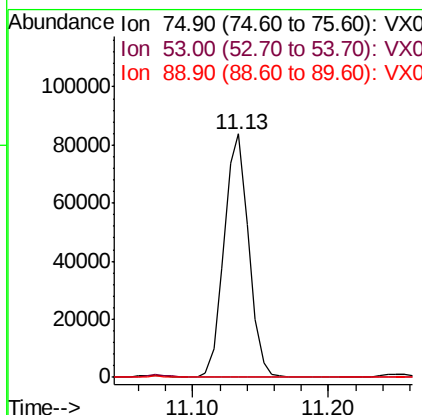
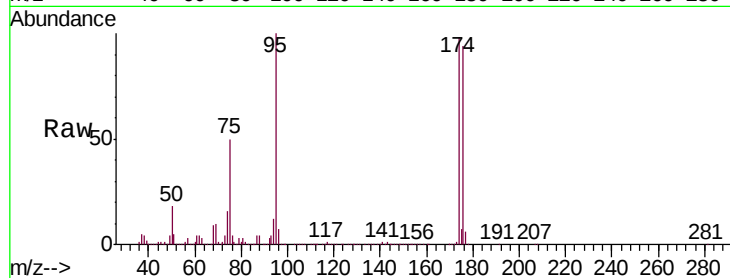




#81
trans-1,4-Dichloro-2-butene
Concen: 212.166 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

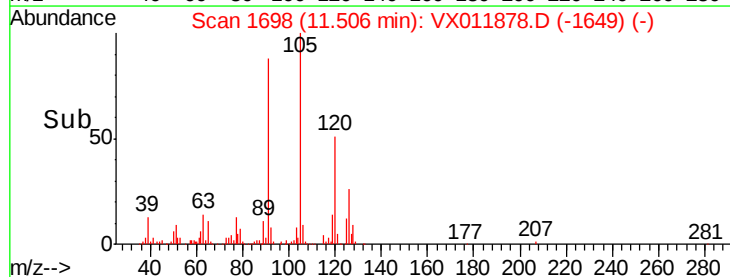
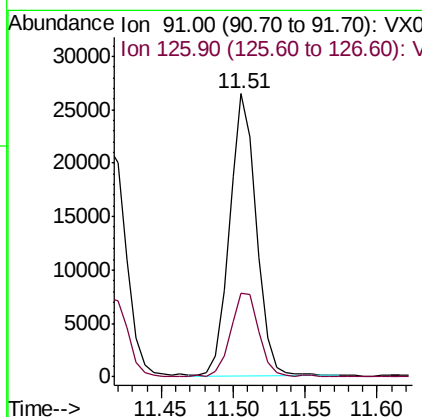
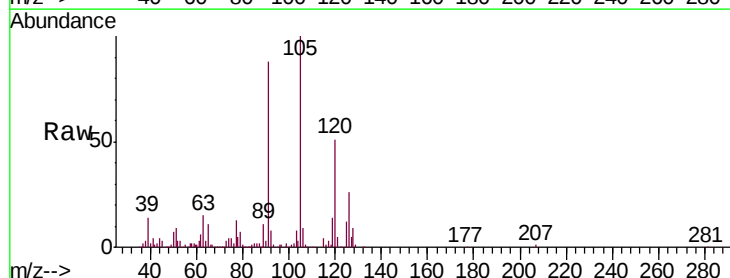
Instrument :
MSVOA_X
ClientSampleId :

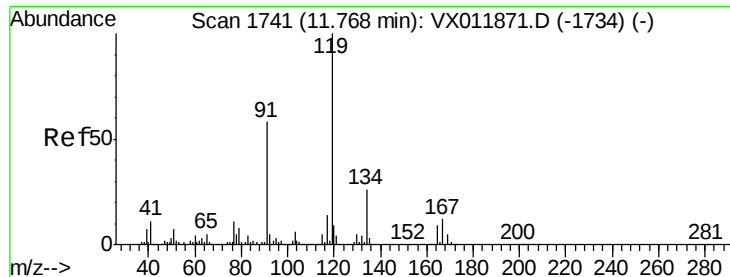
Tot Ion: 75 Resp: 104964
Ion Ratio Lower Upper
75 100
53 0.0 73.3 109.9#
89 0.1 37.4 56.0#



#82
4-Chlorotoluene
Concen: 3.146 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Tgt Ion: 91 Resp: 34418
Ion Ratio Lower Upper
91 100
126 31.6 15.4 46.2





#83

tert-Butylbenzene

Concen: 3.694 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

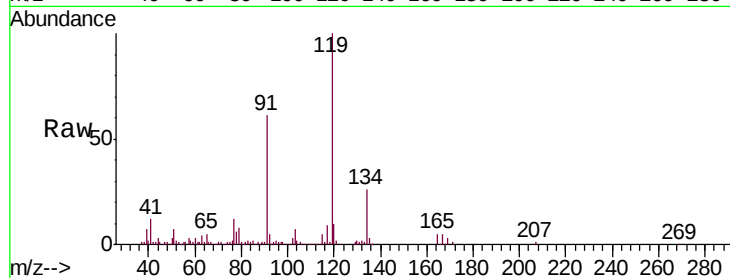
Tot Ion:119 Resp: 39433

Ion Ratio Lower Upper

119 100

91 61.7 28.6 85.8

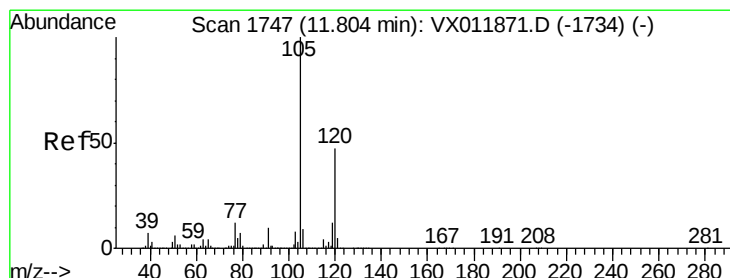
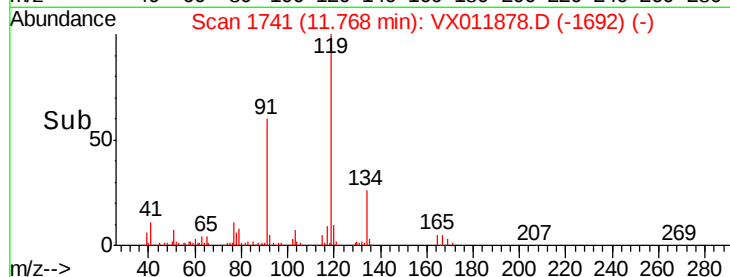
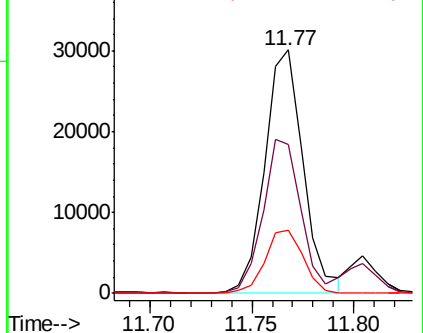
134 26.1 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 3.867 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011878.D

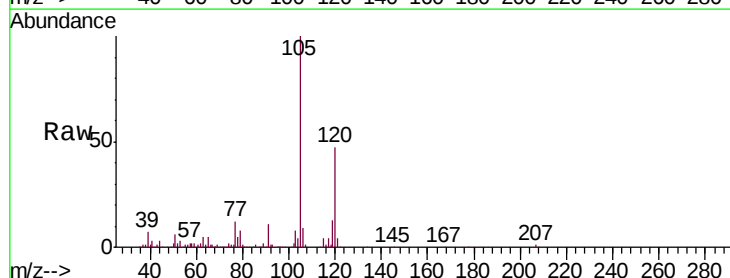
Acq: 28 Aug 2019 19:47

Tgt Ion:105 Resp: 42135

Ion Ratio Lower Upper

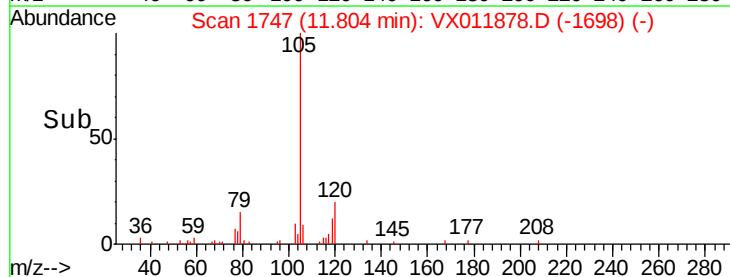
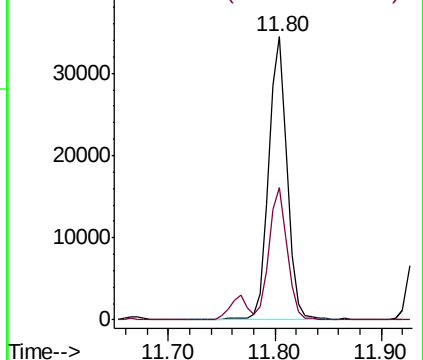
105 100

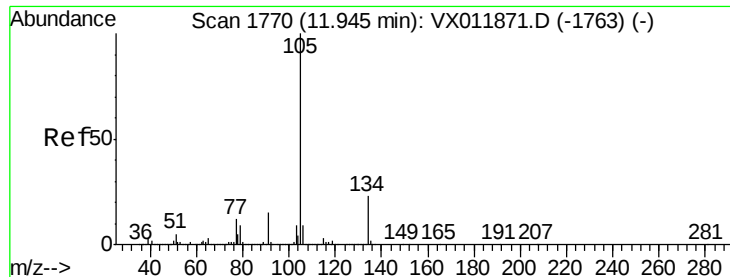
120 45.8 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 4.302 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

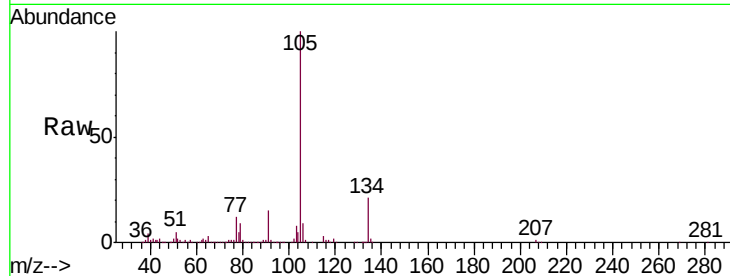
ClientSampleId :

Tot Ion:105 Resp: 53354

Ion Ratio Lower Upper

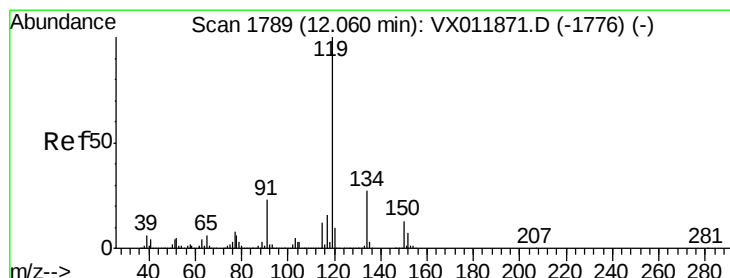
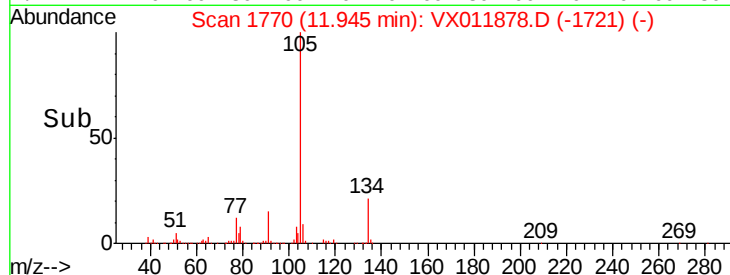
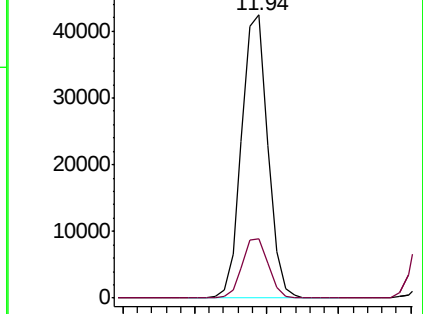
105 100

134 21.2 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: 4.601 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

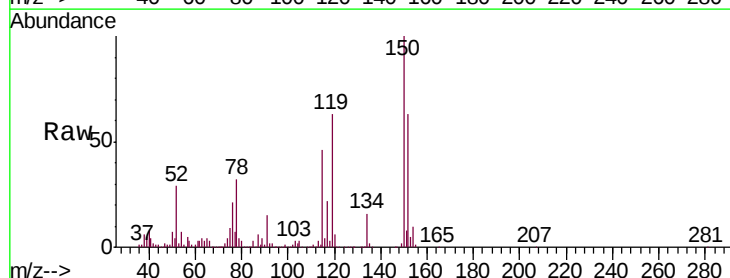
Tgt Ion:119 Resp: 52556

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

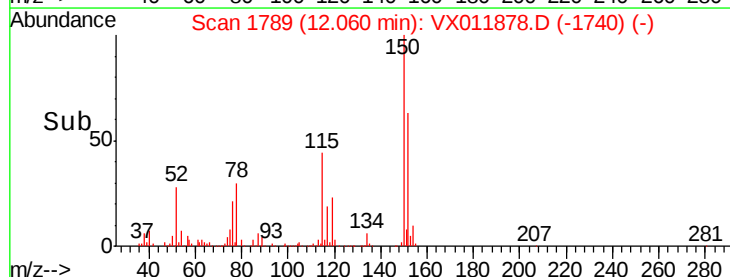
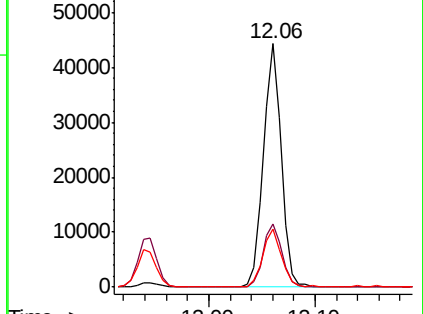
91 25.0 11.7 35.0

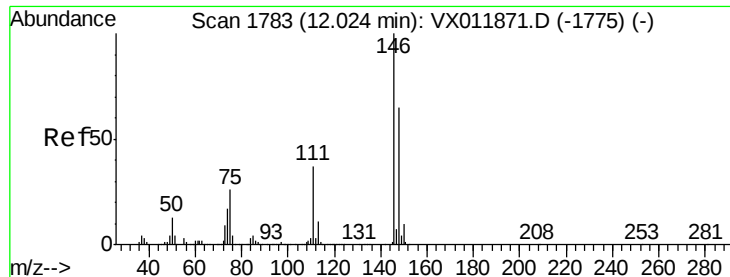


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 3.296 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011878.D

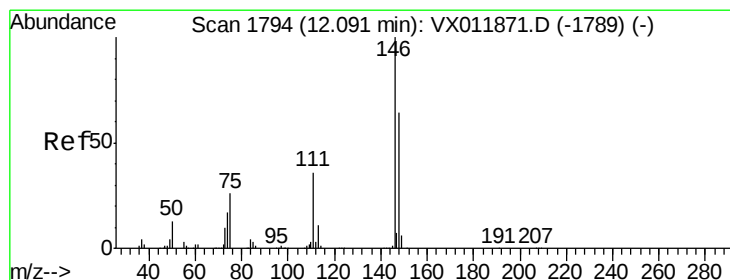
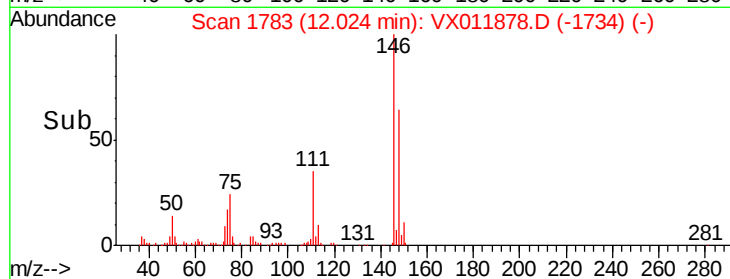
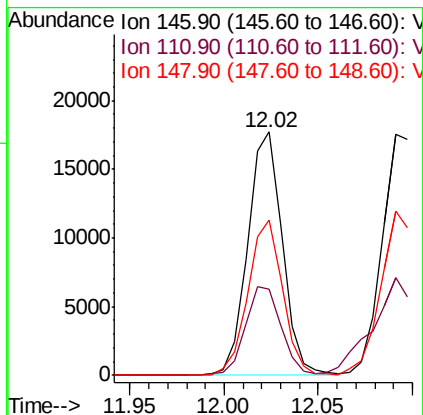
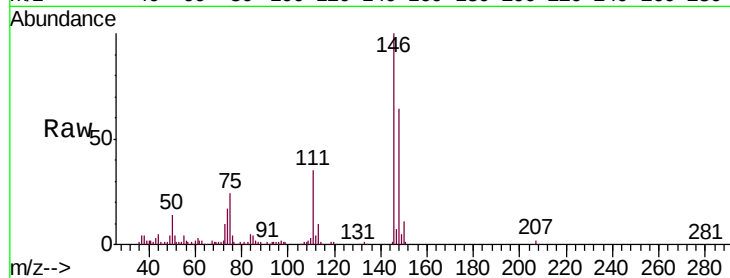
Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:146	Resp:	22589
Ion Ratio	Lower	Upper
146	100	
111	37.9	18.8 56.3
148	63.6	32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 3.523 ug/l

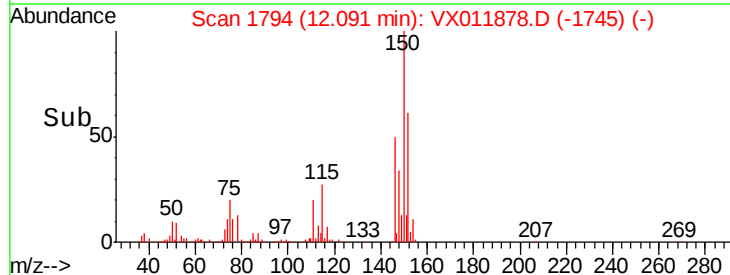
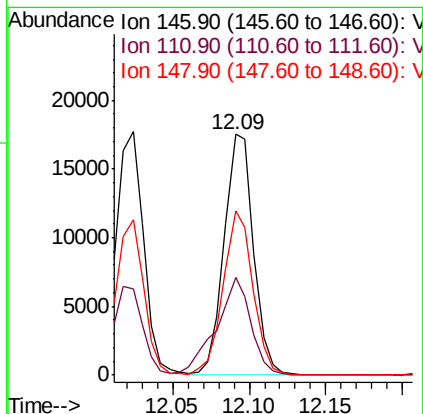
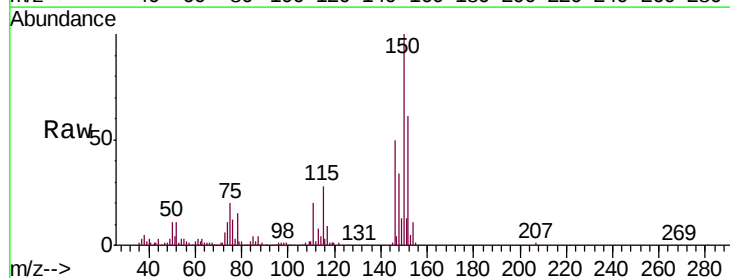
RT: 12.09 min Scan# 1794

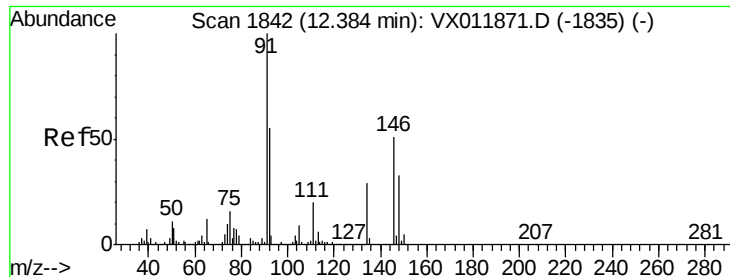
Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Tgt Ion:146	Resp:	23386
Ion Ratio	Lower	Upper
146	100	
111	47.9	18.3 54.8
148	68.9	32.3 96.8

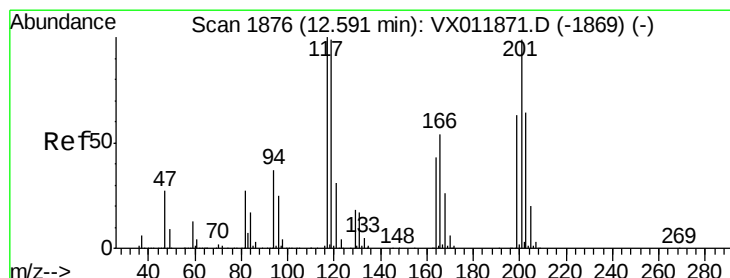
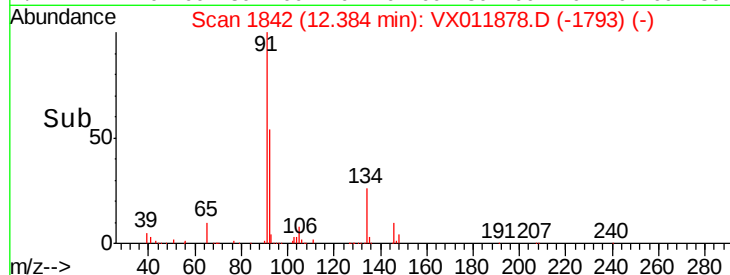
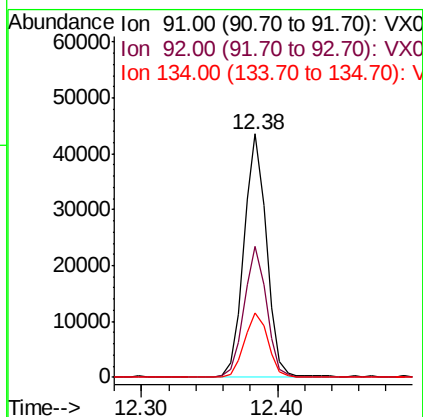
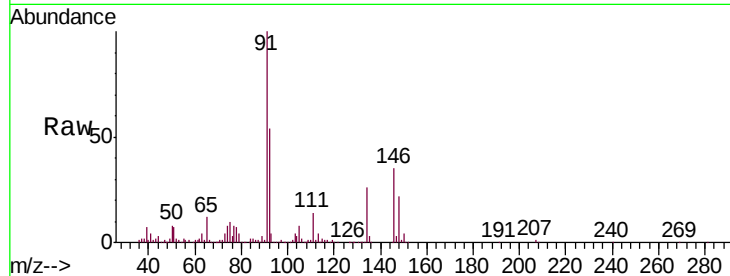




#89
n-Butylbenzene
Concen: 5.289 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

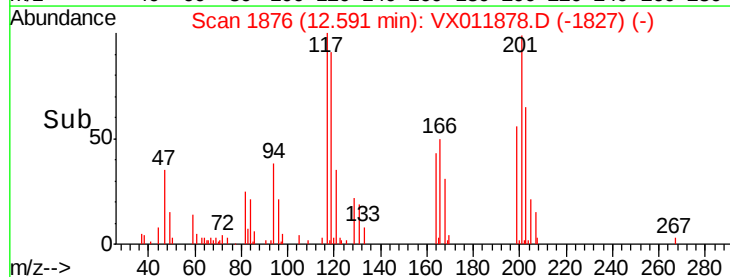
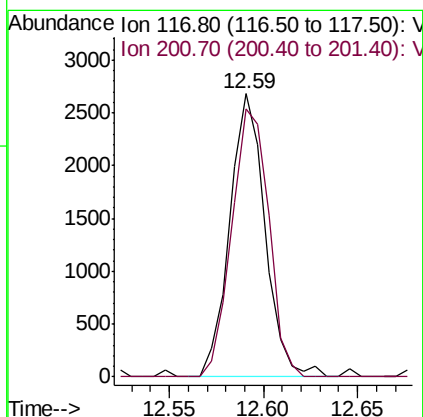
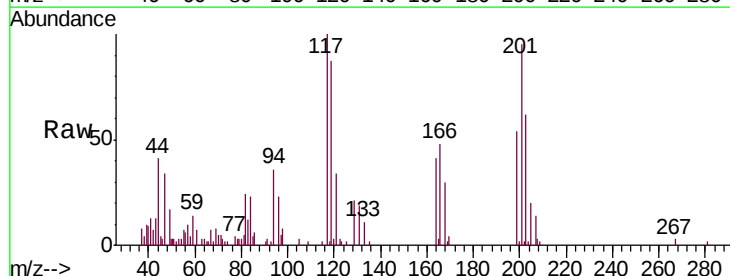
Instrument :
MSVOA_X
ClientSampled :

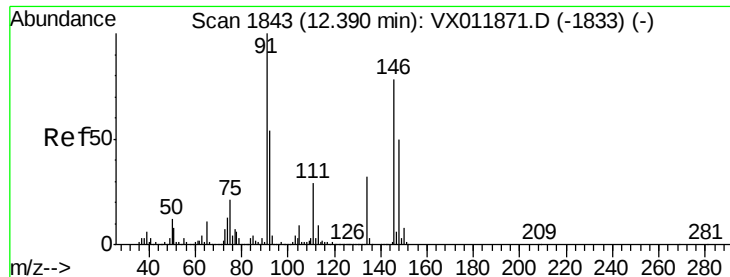
Tot Ion: 91 Resp: 50118
Ion Ratio Lower Upper
91 100
92 54.2 27.6 82.7
134 28.1 14.4 43.4



#90
Hexachloroethane
Concen: 1.899 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011878.D
Acq: 28 Aug 2019 19:47

Tgt Ion: 117 Resp: 3480
Ion Ratio Lower Upper
117 100
201 99.3 51.0 153.1





#91

1,2-Dichlorobenzene

Concen: 3.825 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

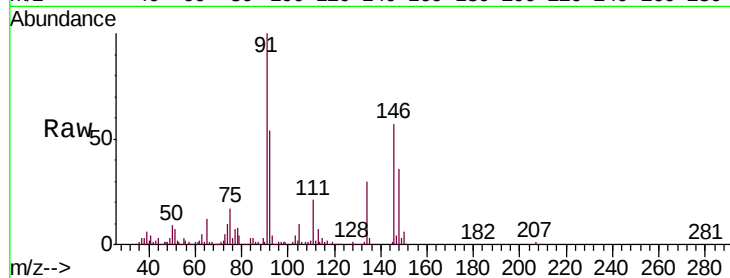
Tot Ion:146 Resp: 22380

Ion Ratio Lower Upper

146 100

111 38.9 19.3 57.9

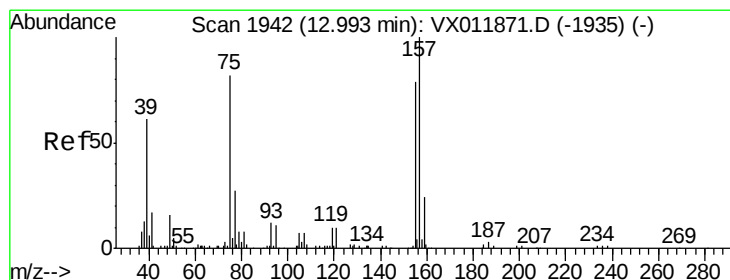
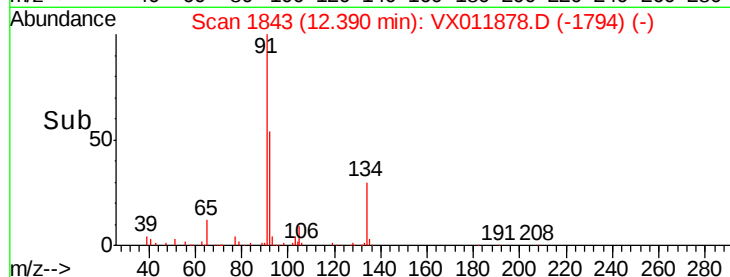
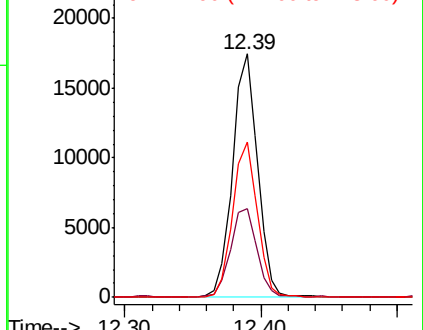
148 62.8 32.0 96.0



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: 3.187 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

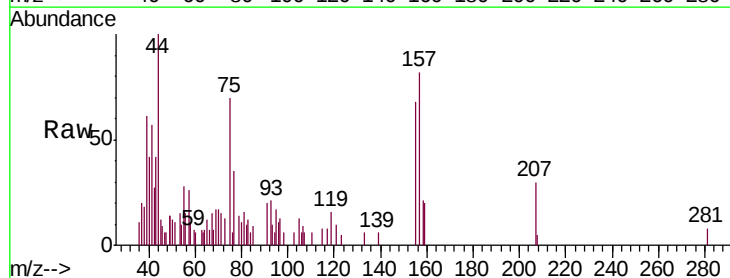
Tgt Ion: 75 Resp: 1028

Ion Ratio Lower Upper

75 100

155 83.0 50.3 150.9

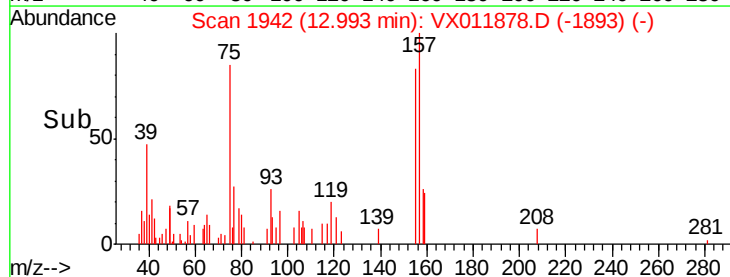
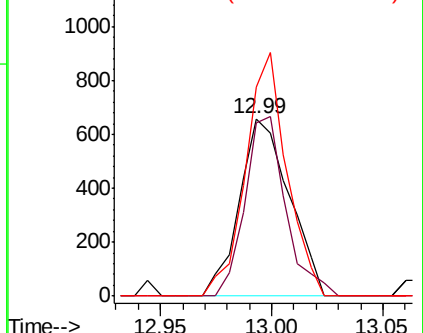
157 113.3 64.7 194.1

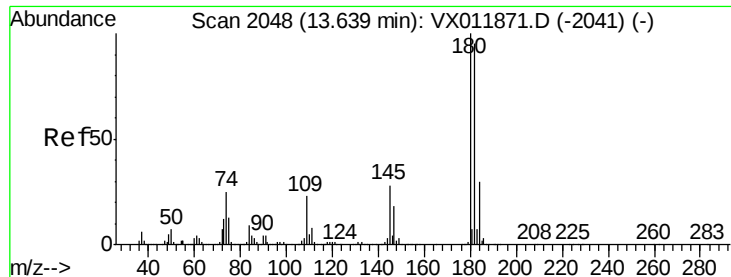


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

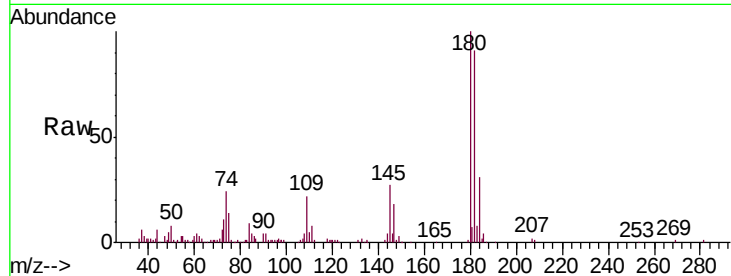




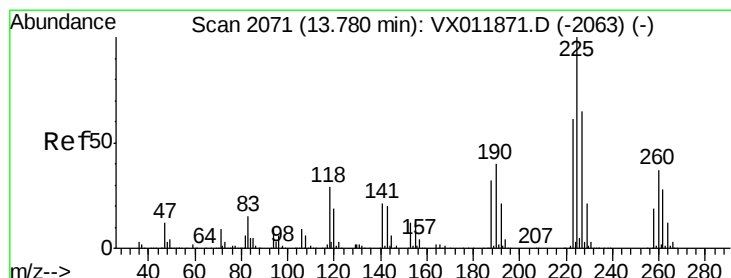
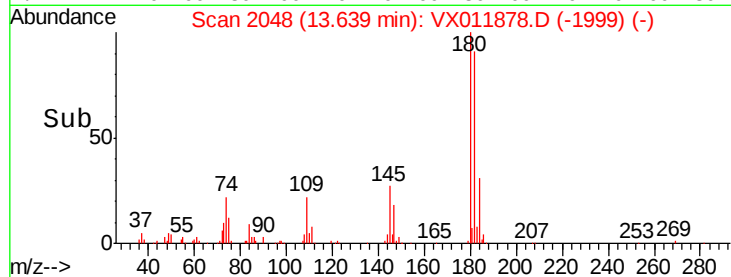
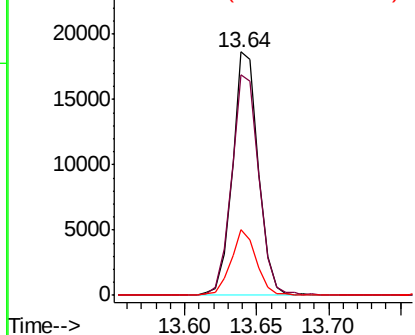
#93
 1,2,4-Trichlorobenzene
 Concen: 5.775 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: VX011878.D
 Acq: 28 Aug 2019 19:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.7
145	26.8	13.8	41.4

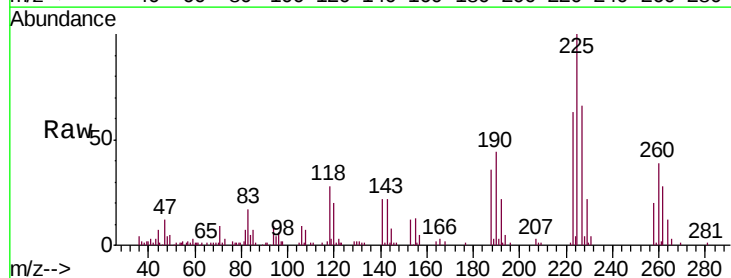


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

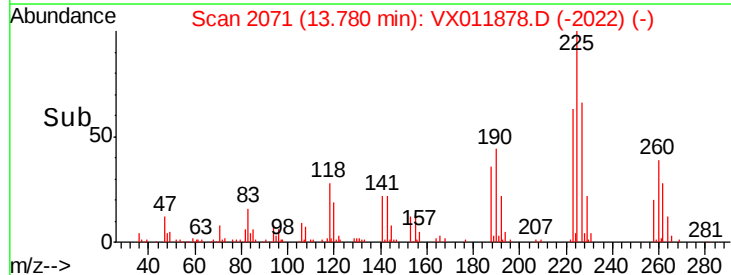
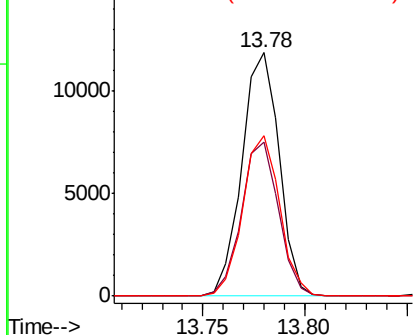


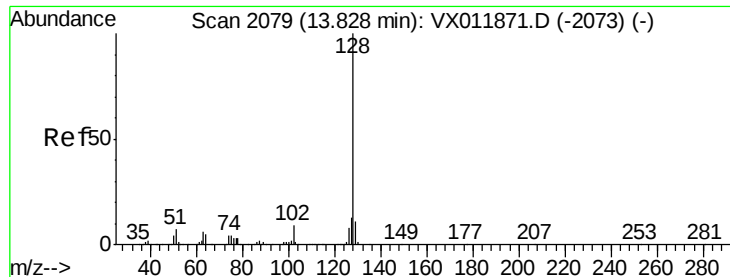
#94
 Hexachlorobutadiene
 Concen: 5.102 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011878.D
 Acq: 28 Aug 2019 19:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.9	92.8
227	65.5	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: 7.187 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

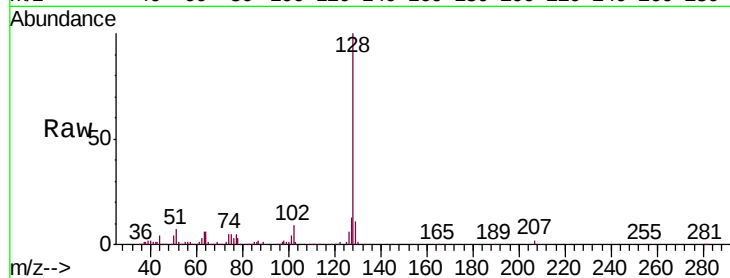
Tot Ion:128 Resp: 35089

Ion Ratio Lower Upper

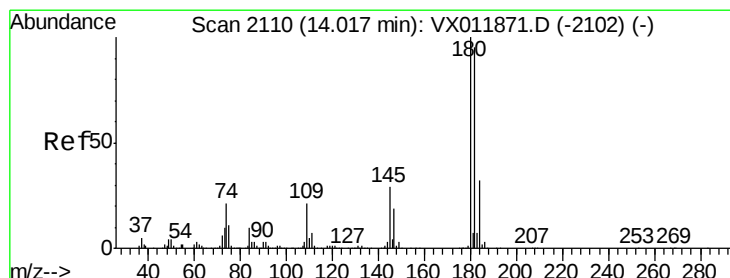
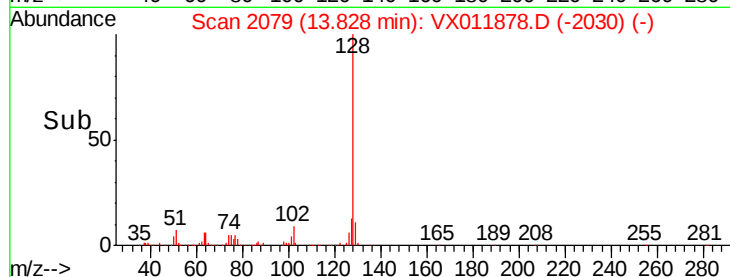
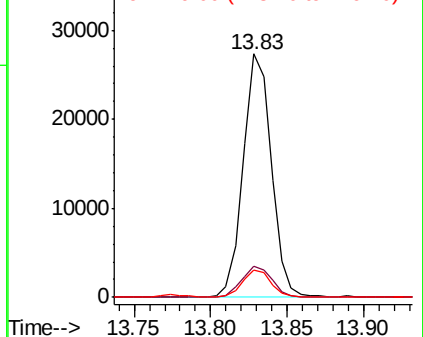
128 100

127 13.5 10.4 15.6

129 11.4 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: 6.633 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011878.D

Acq: 28 Aug 2019 19:47

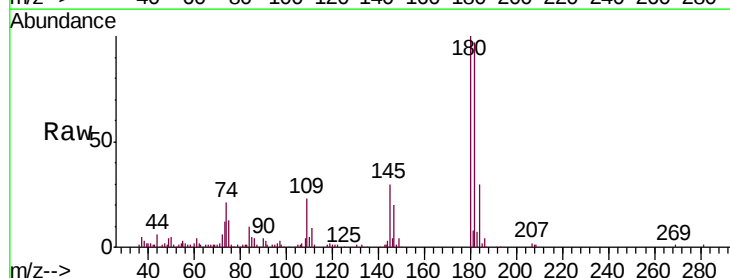
Tgt Ion:180 Resp: 21855

Ion Ratio Lower Upper

180 100

182 93.8 47.9 143.7

145 28.8 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

