

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091319\
 Data File : VX012379.D
 Acq On : 13 Sep 2019 11:43
 Operator : SY/SP
 Sample : VX0913SBS02
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 13 12:05:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	150920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	254040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112827	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	86759	40.66	ug/l	0.00
Spiked Amount						
			Recovery	=	81.32%	
35) Dibromofluoromethane	5.48	113	72787	44.70	ug/l	0.00
Spiked Amount						
			Recovery	=	89.40%	
50) Toluene-d8	8.71	98	286909	50.23	ug/l	0.00
Spiked Amount						
			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.14	95	113569	42.89	ug/l	0.00
Spiked Amount						
			Recovery	=	85.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	23440	18.997	ug/l	99
3) Chloromethane	1.31	50	21056	18.931	ug/l	100
4) Vinyl Chloride	1.40	62	21509	19.504	ug/l	98
5) Bromomethane	1.62	94	9734	18.896	ug/l	99
6) Chloroethane	1.71	64	14679	19.906	ug/l	96
7) Trichlorofluoromethane	1.92	101	38177	19.128	ug/l	100
8) Diethyl Ether	2.17	74	11512	16.903	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27972	20.795	ug/l	99
10) Methyl Iodide	2.50	142	15472	12.085	ug/l	99
11) Tert butyl alcohol	3.03	59	19995	82.044	ug/l	98
12) 1,1-Dichloroethene	2.36	96	23034	20.170	ug/l	99
13) Acrolein	2.28	56	6868	61.575	ug/l	94
14) Allyl chloride	2.72	41	40544	17.414	ug/l	98
15) Acrylonitrile	3.13	53	30921	73.447	ug/l	99
16) Acetone	2.43	43	35889	71.051	ug/l	98
17) Carbon Disulfide	2.56	76	41800	17.430	ug/l	98
18) Methyl Acetate	2.76	43	16005	15.075	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	72796	16.141	ug/l	100
20) Methylene Chloride	2.84	84	28242	16.137	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	25690	18.855	ug/l	95
22) Diisopropyl ether	3.84	45	90615	17.018	ug/l	98
23) Vinyl Acetate	3.80	43	253606	77.628	ug/l	100
24) 1,1-Dichloroethane	3.68	63	52807	18.515	ug/l	99
25) 2-Butanone	4.66	43	46561	72.108	ug/l	100
26) 2,2-Dichloropropane	4.57	77	49724	18.569	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	31130	17.697	ug/l	98
28) Bromochloromethane	5.00	49	20200	15.101	ug/l	99
29) Tetrahydrofuran	5.12	42	25169	72.244	ug/l	99
30) Chloroform	5.19	83	57866	17.992	ug/l	97
31) Cyclohexane	5.57	56	37918	19.138	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	50572	18.312	ug/l	98
36) 1,1-Dichloropropene	5.79	75	37552	20.272	ug/l	98
37) Ethyl Acetate	4.82	43	18345	16.021	ug/l #	92
38) Carbon Tetrachloride	5.77	117	41389	19.044	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	41423	20.377	ug/l	98
40) Benzene	6.13	78	107861	19.239	ug/l	96
41) Methacrylonitrile	5.03	41	11034	15.631	ug/l	96
42) 1,2-Dichloroethane	6.18	62	38398	17.329	ug/l	99
43) Isopropyl Acetate	6.43	43	37710	15.620	ug/l	99
44) Trichloroethene	7.20	130	30185	19.895	ug/l	99
45) 1,2-Dichloropropane	7.51	63	28844	18.587	ug/l	98
46) Dibromomethane	7.65	93	14584	17.195	ug/l	96
47) Bromodichloromethane	7.89	83	40481	17.490	ug/l	97
48) Methyl methacrylate	7.76	41	17065	14.768	ug/l	96
49) 1,4-Dioxane	7.73	88	4836	310.142	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	96761	75.942	ug/l	99
52) Toluene	8.78	92	72268	19.516	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	37309	16.150	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	43553	17.002	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	22911	17.436	ug/l	97
56) Ethyl methacrylate	9.17	69	27927	15.697	ug/l	100
57) 1,3-Dichloropropane	9.37	76	39344	17.532	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	64881	71.154	ug/l	100
59) 2-Hexanone	9.49	43	68588	77.420	ug/l	98
60) Dibromochloromethane	9.58	129	25656	16.725	ug/l	100
61) 1,2-Dibromoethane	9.67	107	20697	16.922	ug/l	98
64) Tetrachloroethene	9.33	164	25389	21.275	ug/l	95
65) Chlorobenzene	10.14	112	82539	20.019	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	29965	19.280	ug/l	98
67) Ethyl Benzene	10.24	91	147721	20.145	ug/l	97
68) m/p-Xylenes	10.35	106	110047	40.768	ug/l	100
69) o-Xylene	10.70	106	52643	19.908	ug/l	99
70) Styrene	10.71	104	90534	19.305	ug/l	99
71) Bromoform	10.85	173	13097	16.251	ug/l #	97
73) Isopropylbenzene	11.01	105	150604	20.276	ug/l	99
74) N-amyl acetate	10.89	43	34729	15.725	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	26485	16.603	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	26837	18.516	ug/l	89
77) Bromobenzene	11.25	156	33275	19.458	ug/l	95
78) n-propylbenzene	11.35	91	176680	19.697	ug/l	99
79) 2-Chlorotoluene	11.42	91	106443	19.154	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	131274	19.653	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	6404	13.238	ug/l	86
82) 4-Chlorotoluene	11.51	91	127790	19.134	ug/l	100
83) tert-Butylbenzene	11.77	119	127881	19.716	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	133283	19.302	ug/l	99
85) sec-Butylbenzene	11.94	105	153974	19.896	ug/l	99
86) p-Isopropyltoluene	12.06	119	143255	20.034	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	67573	19.397	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	67089	19.045	ug/l	99
89) n-Butylbenzene	12.38	91	136397	19.461	ug/l	100
90) Hexachloroethane	12.59	117	23387	17.756	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	61459	19.072	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	4817	14.794	ug/l	97

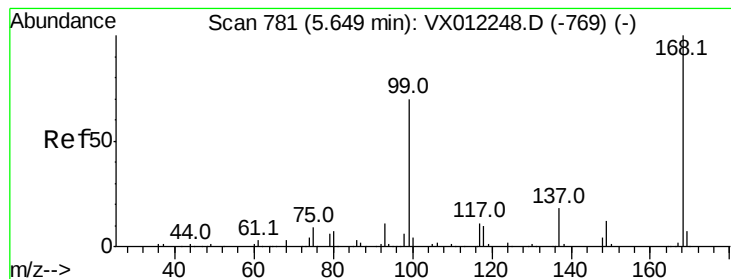
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091319\
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Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	39994	17.971	ug/l	97
94) Hexachlorobutadiene	13.77	225	22527	20.348	ug/l	98
95) Naphthalene	13.83	128	73097	15.306	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	36045	18.306	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

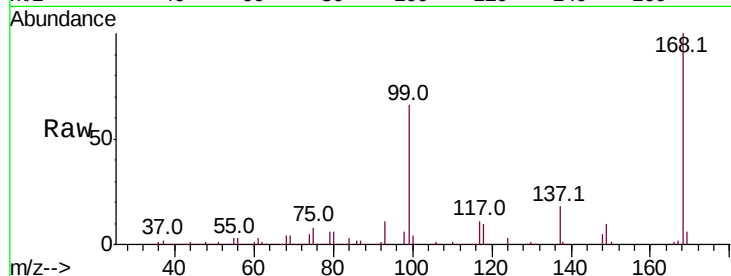
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 150920

Ion Ratio Lower Upper

168 100

99 65.9 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

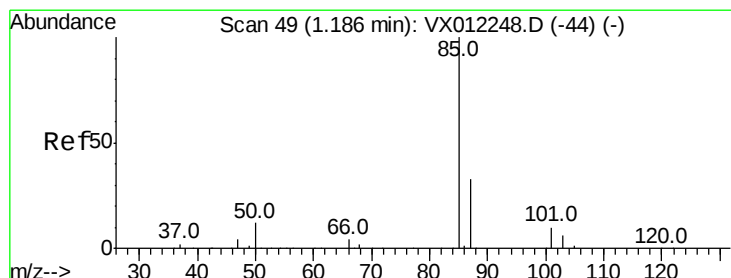
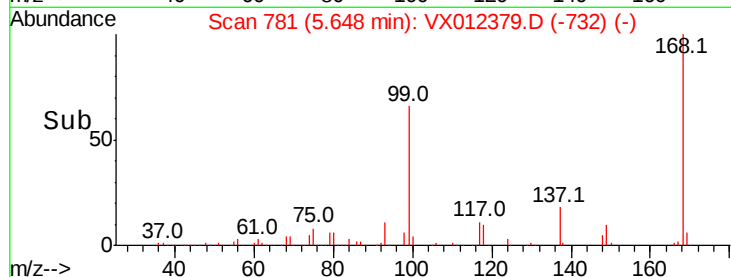
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.997 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012379.D

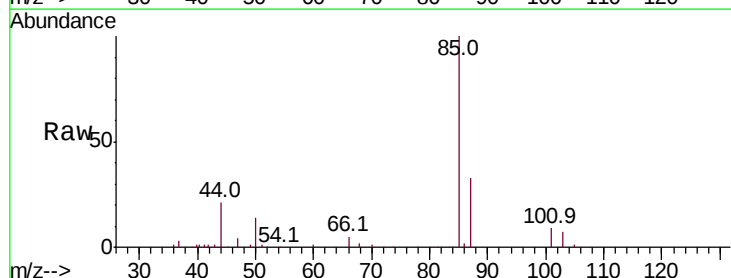
Acq: 13 Sep 2019 11:43

Tgt Ion: 85 Resp: 23440

Ion Ratio Lower Upper

85 100

87 32.8 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

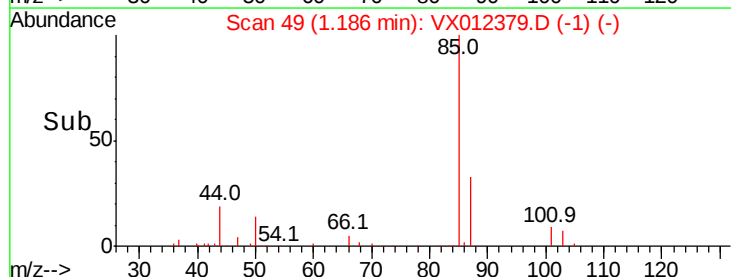
15000

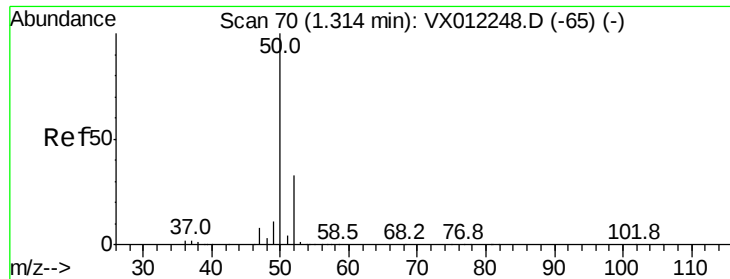
10000

5000

0

Time-->





#3

Chloromethane

Concen: 18.931 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

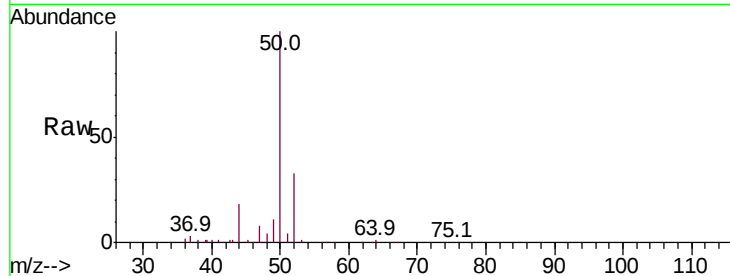
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 50 Resp: 21056

Ion Ratio Lower Upper

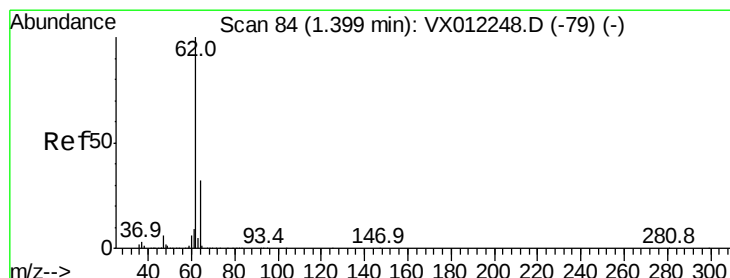
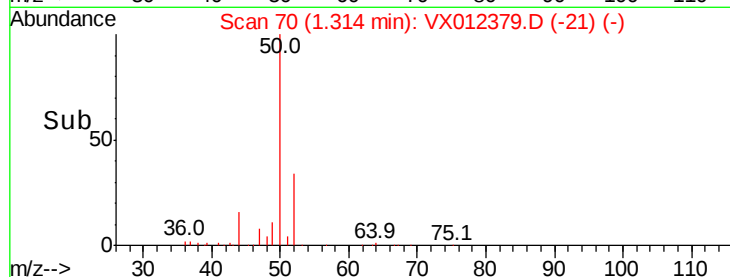
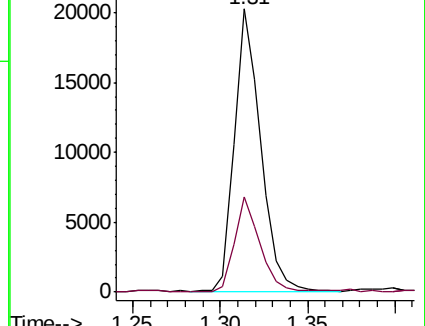
50 100

52 33.6 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.504 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012379.D

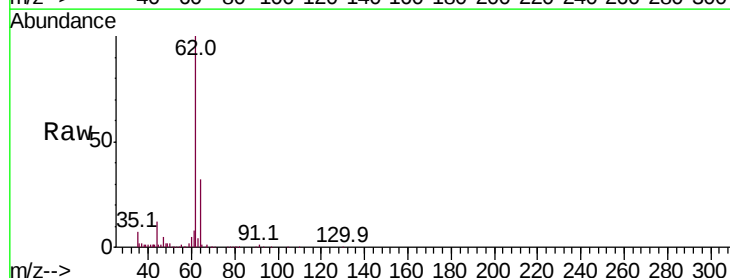
Acq: 13 Sep 2019 11:43

Tgt Ion: 62 Resp: 21509

Ion Ratio Lower Upper

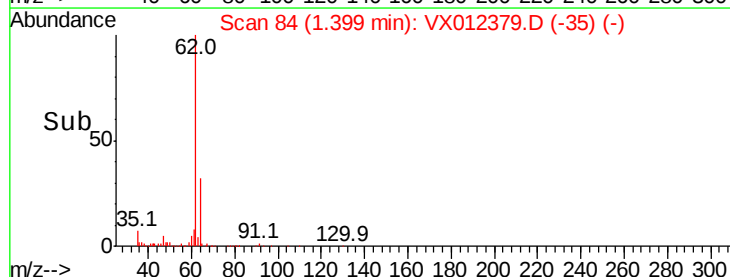
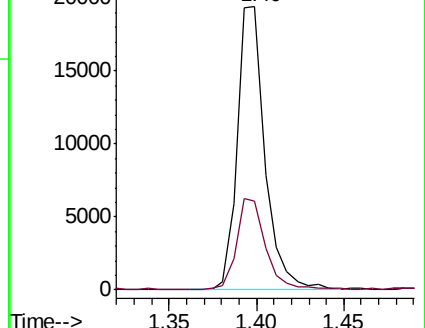
62 100

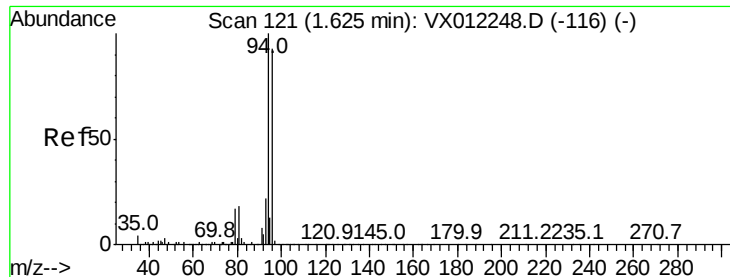
64 31.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

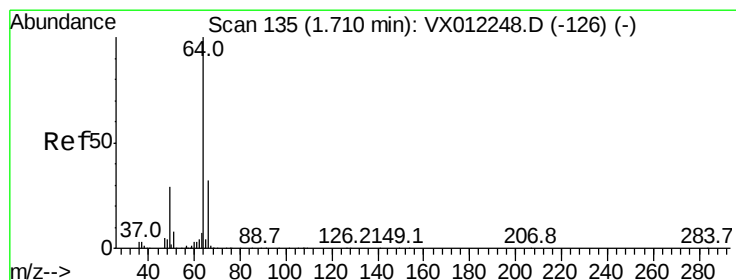
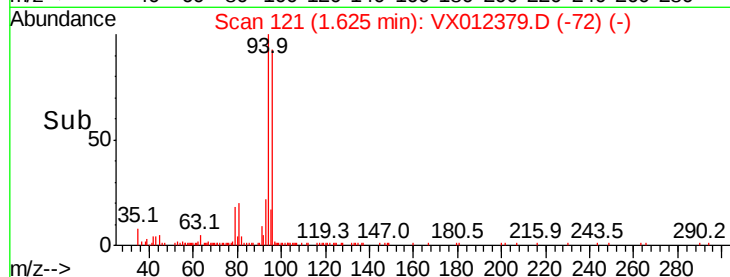
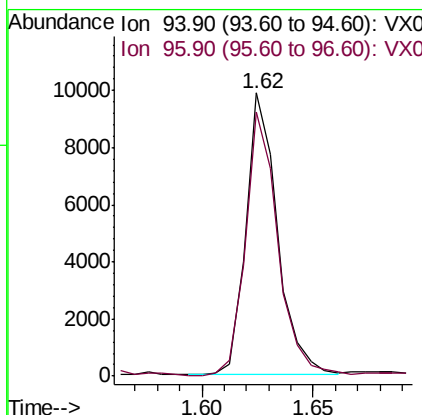
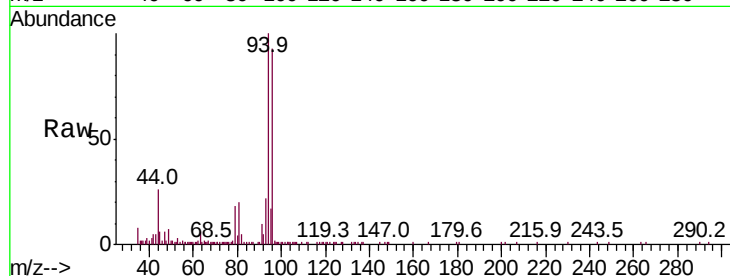




#5
 Bromomethane
 Concen: 18.896 ug/l
 RT: 1.62 min Scan# 121
 Delta R.T. 0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

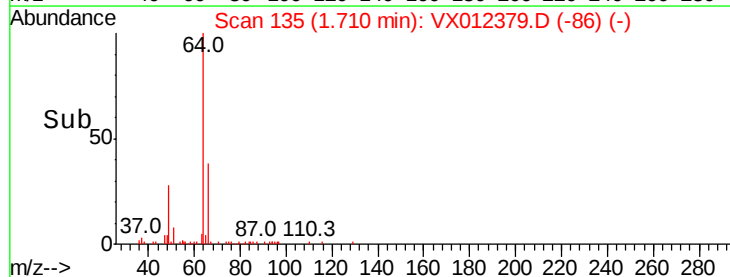
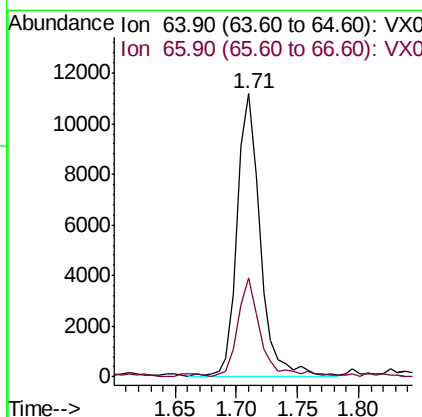
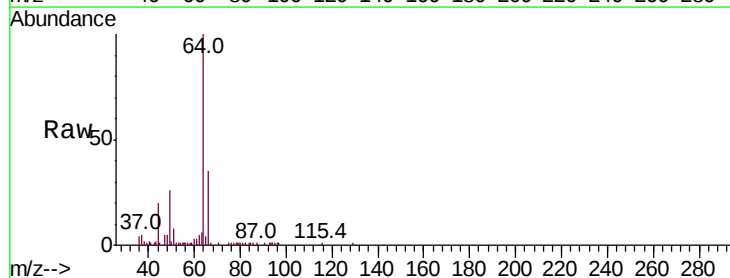
Instrument :
 MSVOA_X
 ClientSampled :

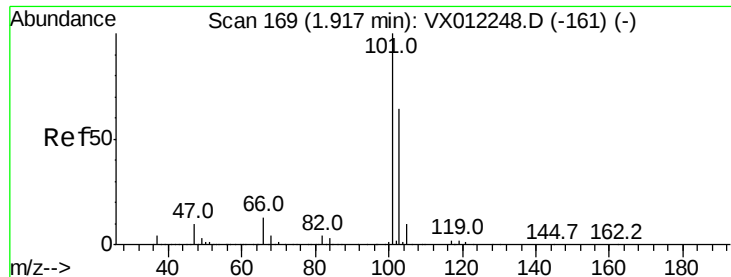
Tot Ion: 94 Resp: 9734
 Ion Ratio Lower Upper
 94 100
 96 93.8 74.0 111.0



#6
 Chloroethane
 Concen: 19.906 ug/l
 RT: 1.71 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion: 64 Resp: 14679
 Ion Ratio Lower Upper
 64 100
 66 34.3 25.8 38.6



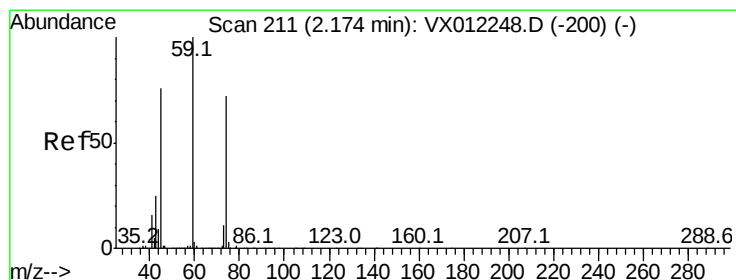
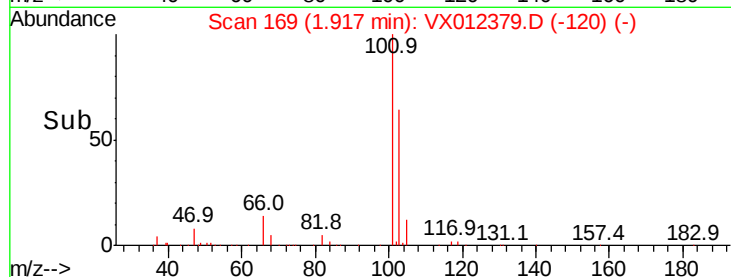
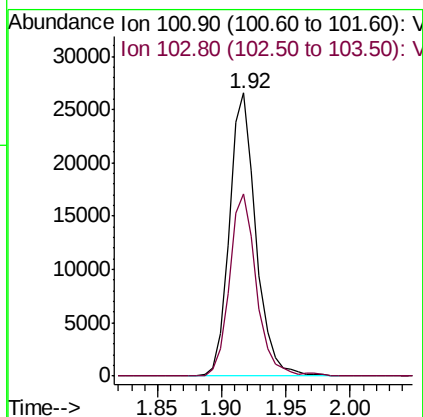
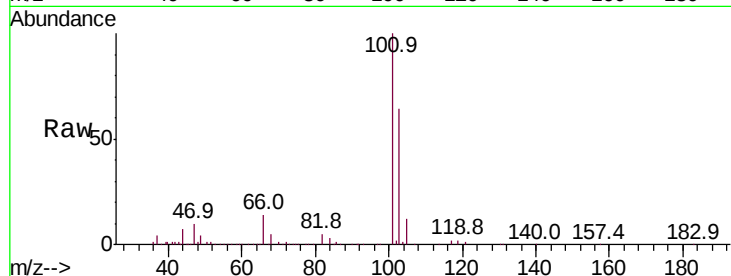


#7

Trichlorofluoromethane
 Concen: 19.128 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :

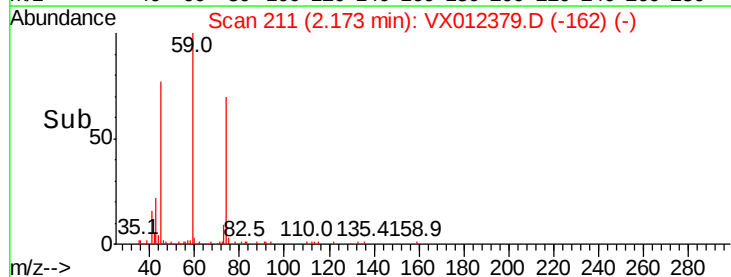
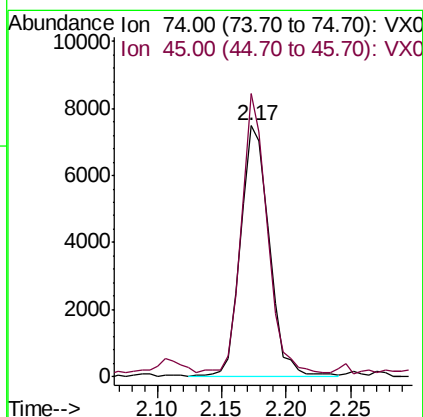
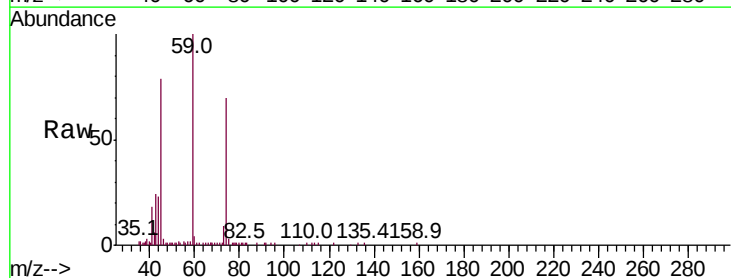
Tot Ion:101 Resp: 38177
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.2

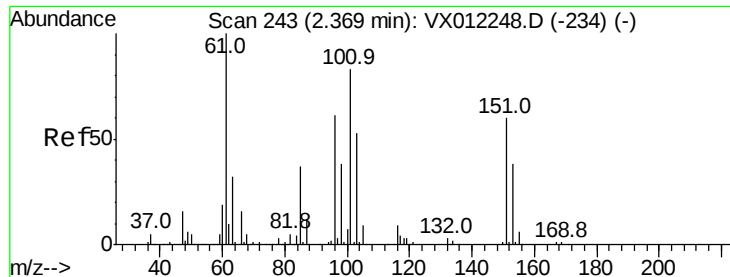


#8

Diethyl Ether
 Concen: 16.903 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion: 74 Resp: 11512
 Ion Ratio Lower Upper
 74 100
 45 98.2 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.795 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

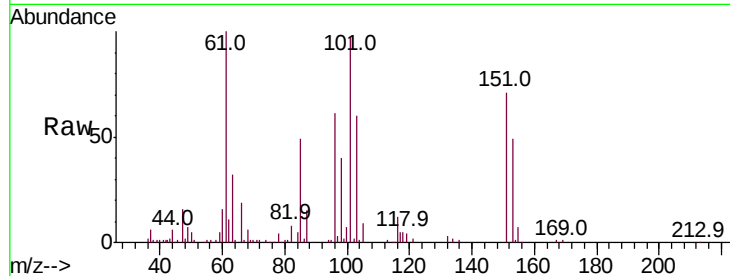
Tot Ion:101 Resp: 27972

Ion Ratio Lower Upper

101 100

85 46.6 37.0 55.6

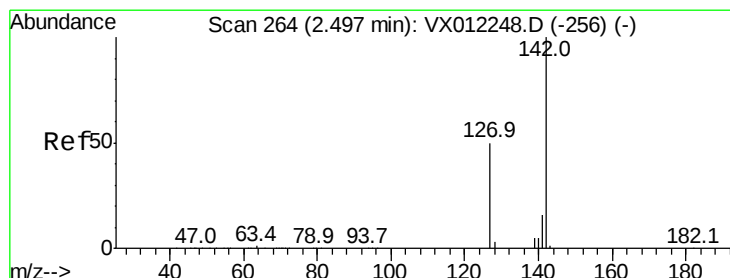
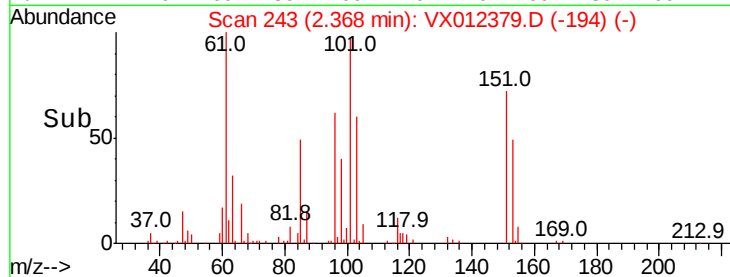
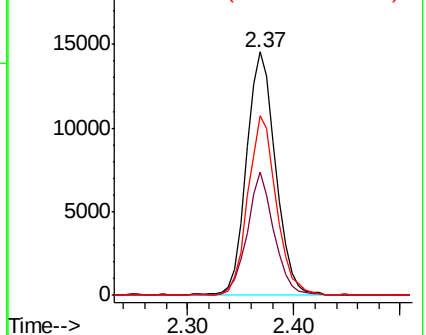
151 72.0 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.085 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

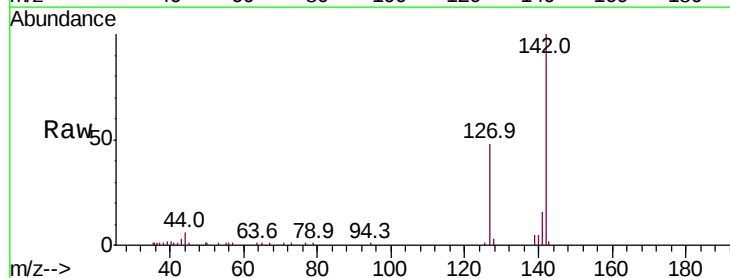
Tgt Ion:142 Resp: 15472

Ion Ratio Lower Upper

142 100

127 50.5 40.6 61.0

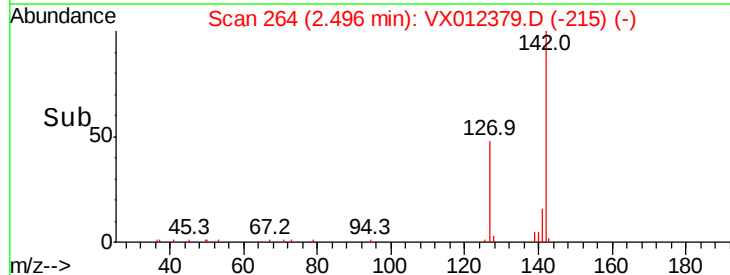
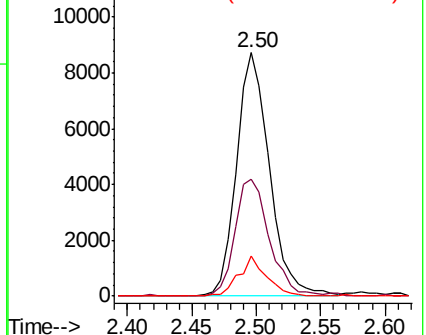
141 13.9 12.0 18.0

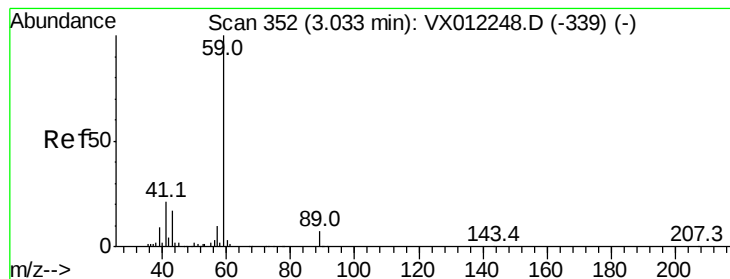


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



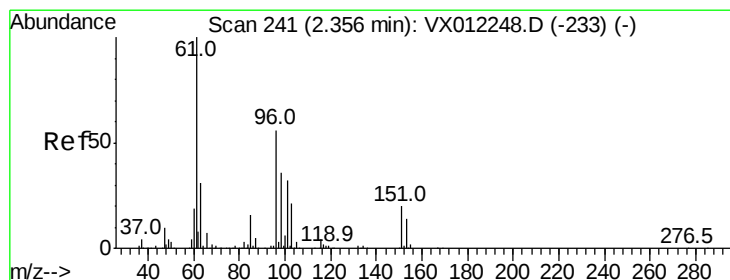
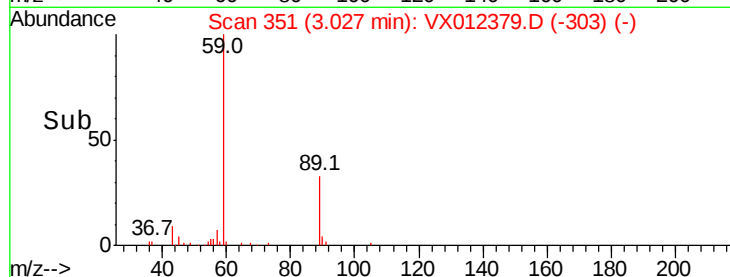
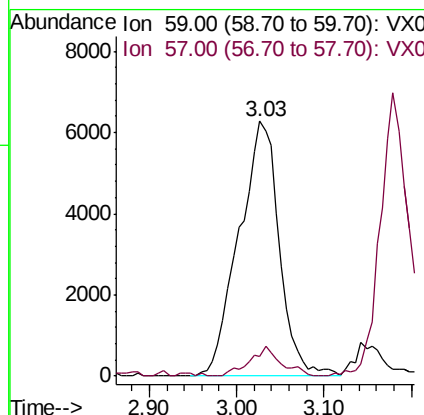
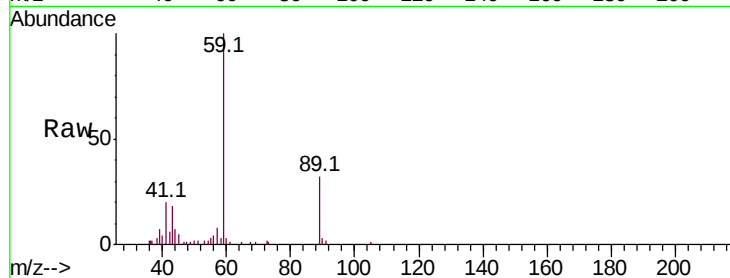


#11

Tert butyl alcohol
 Concen: 82.044 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :

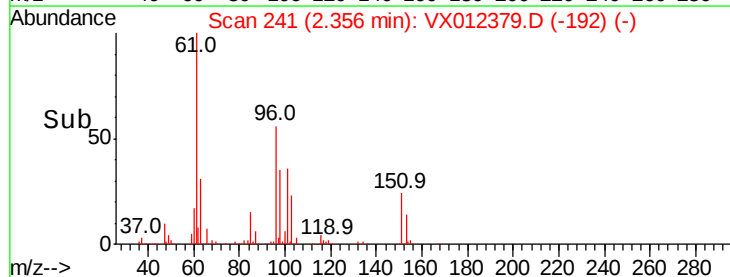
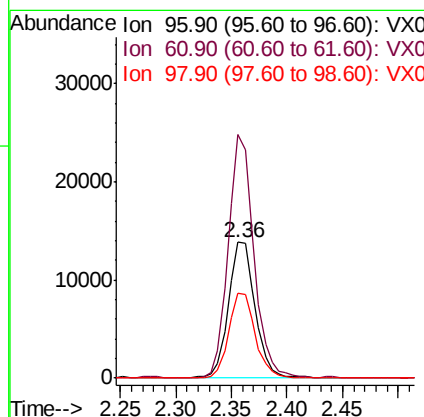
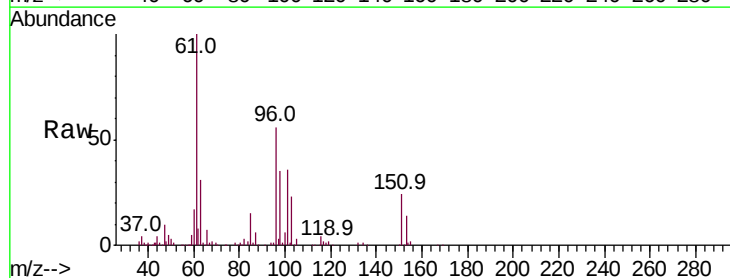
Tot Ion: 59 Resp: 19995
 Ion Ratio Lower Upper
 59 100
 57 9.0 7.8 11.6

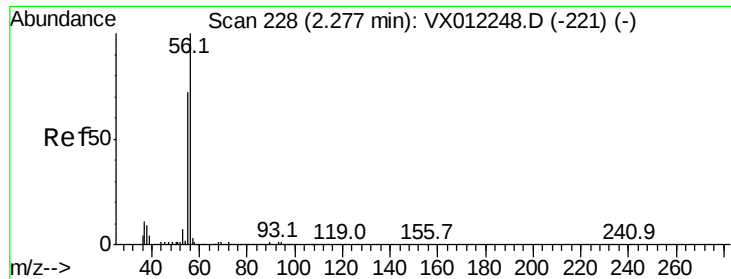


#12

1,1-Dichloroethene
 Concen: 20.170 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion: 96 Resp: 23034
 Ion Ratio Lower Upper
 96 100
 61 179.4 142.2 213.2
 98 63.0 51.3 76.9





#13

Acrolein

Concen: 61.575 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

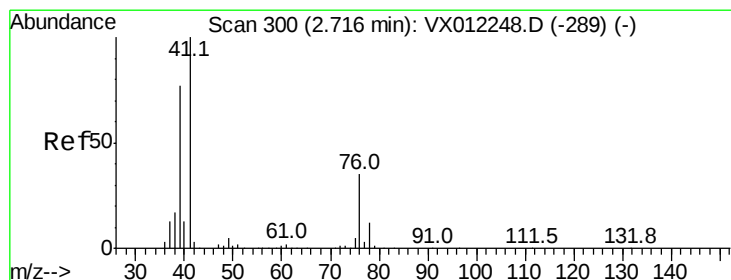
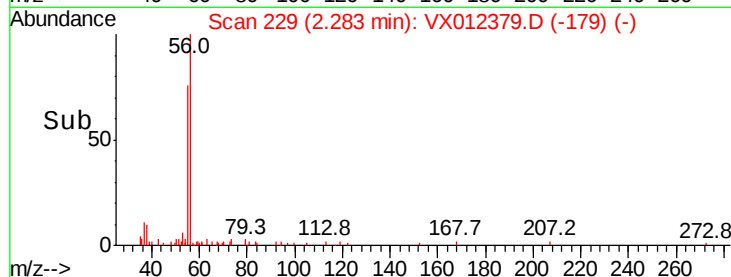
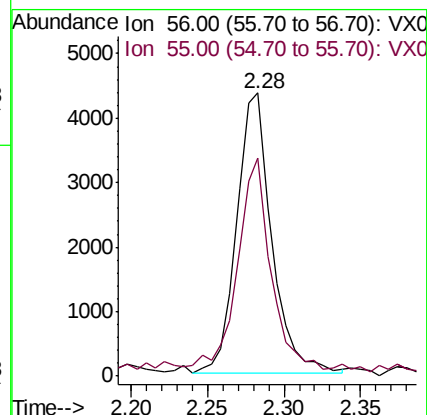
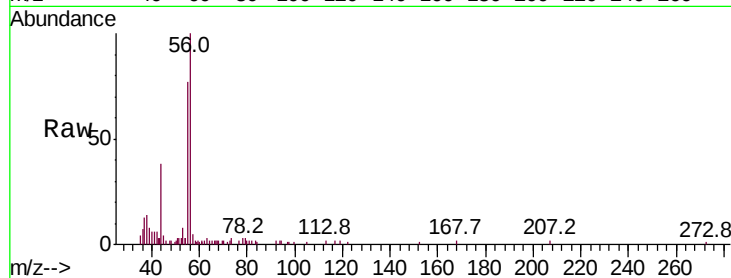
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 6868

Ion Ratio Lower Upper

56 100

55 69.6 59.8 89.6



#14

Allyl chloride

Concen: 17.414 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

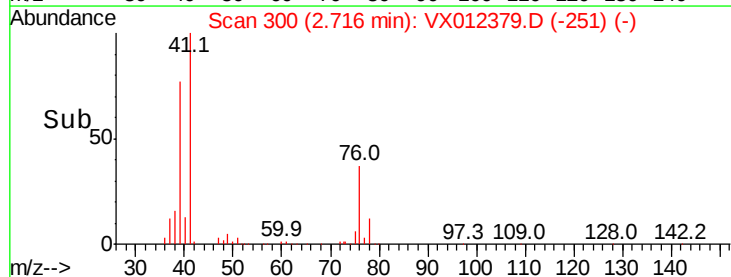
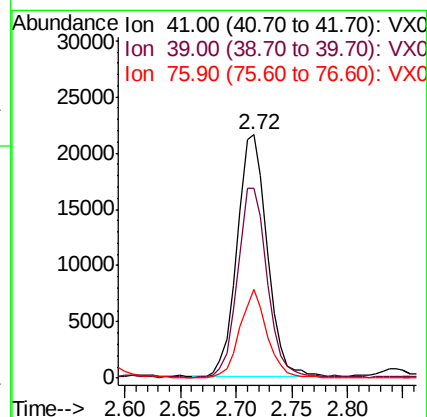
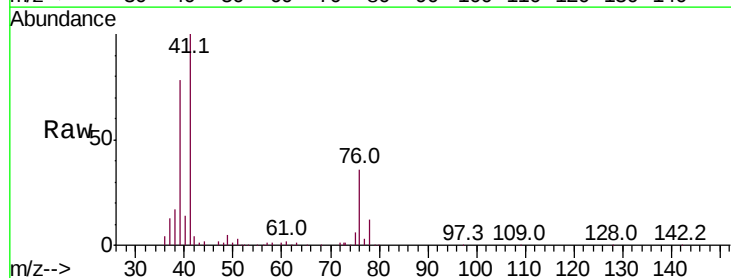
Tgt Ion: 41 Resp: 40544

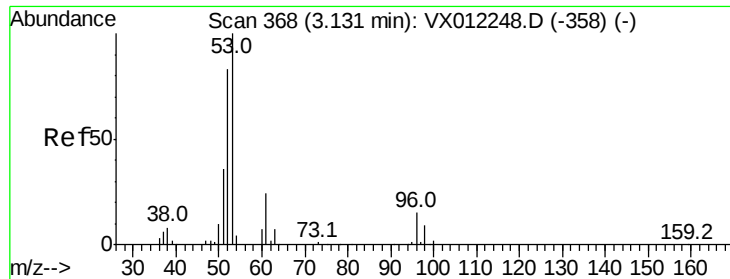
Ion Ratio Lower Upper

41 100

39 76.0 58.6 87.8

76 33.1 26.3 39.5





#15

Acrylonitrile

Concen: 73.447 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

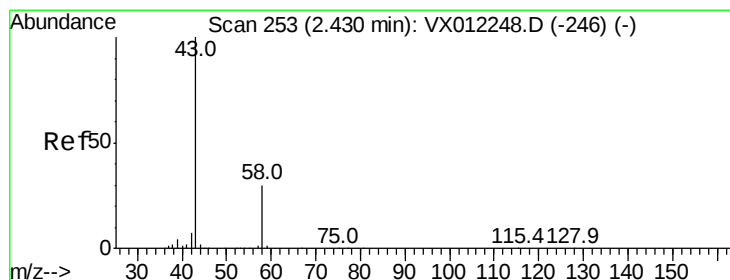
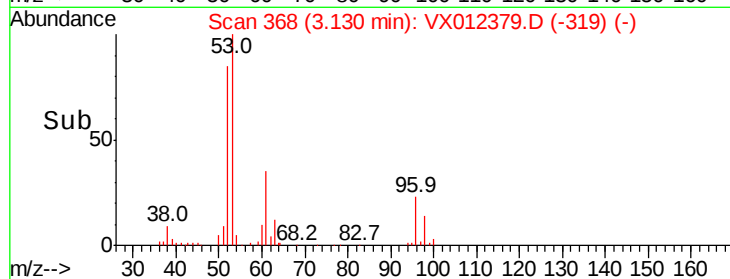
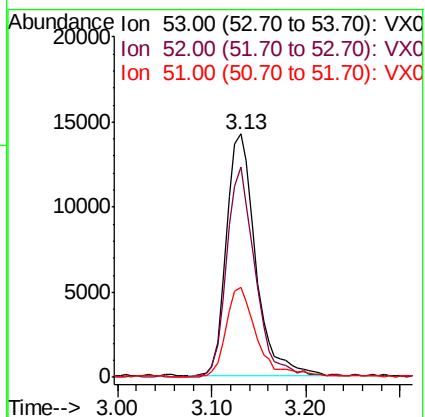
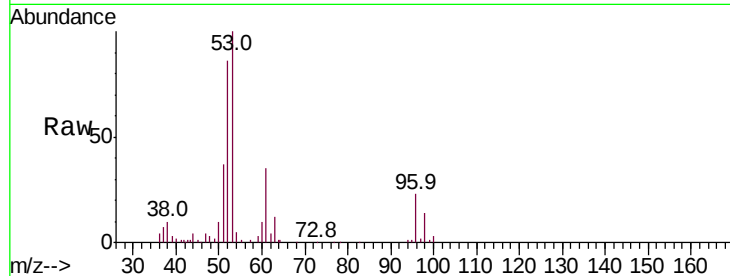
Tot Ion: 53 Resp: 30921

Ion Ratio Lower Upper

53 100

52 84.2 66.8 100.2

51 39.9 30.7 46.1



#16

Acetone

Concen: 71.051 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012379.D

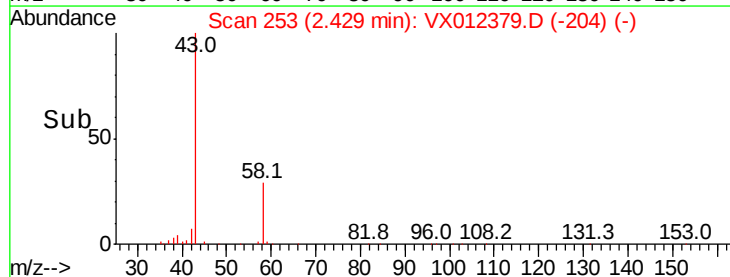
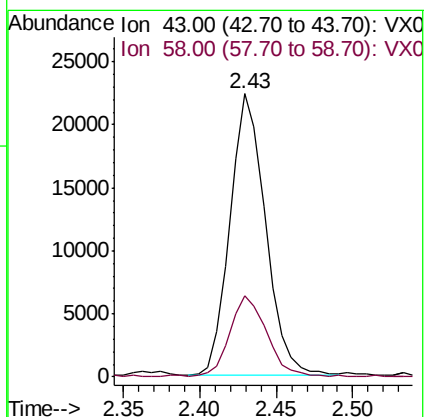
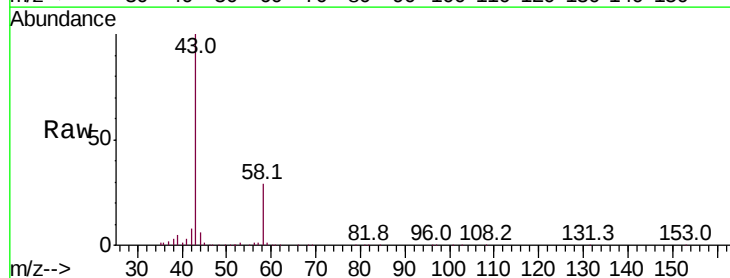
Acq: 13 Sep 2019 11:43

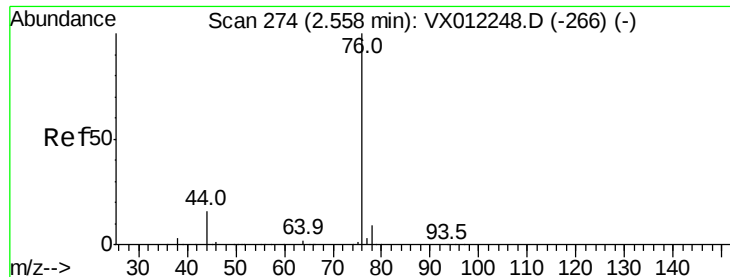
Tgt Ion: 43 Resp: 35889

Ion Ratio Lower Upper

43 100

58 28.6 23.6 35.4

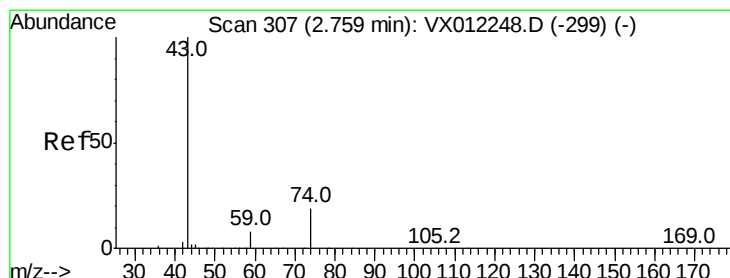
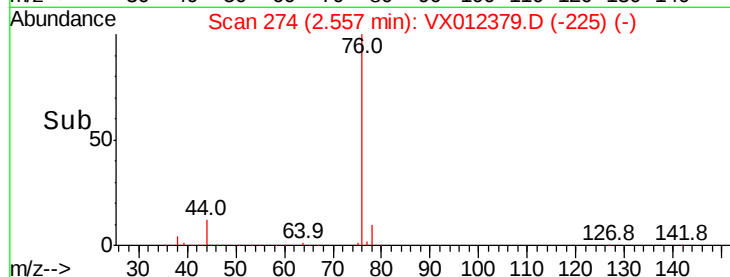
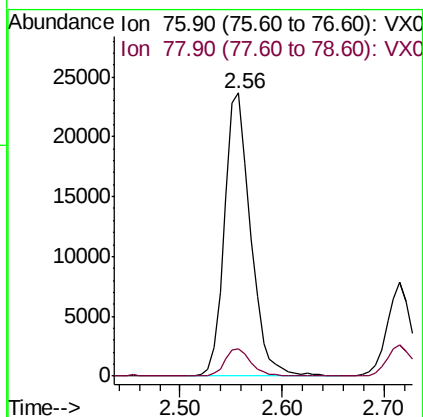
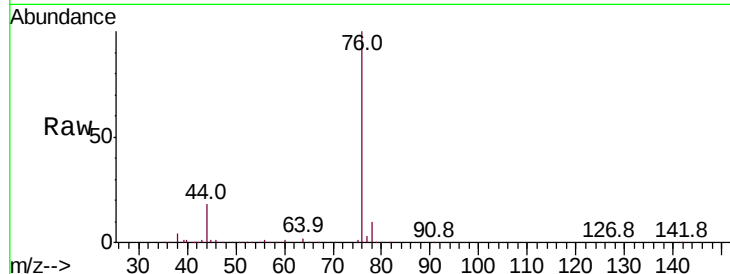




#17
Carbon Disulfide
Concen: 17.430 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

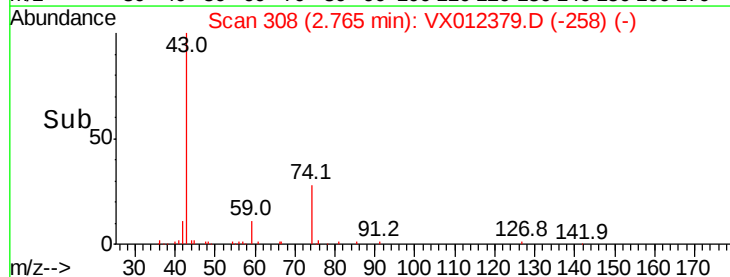
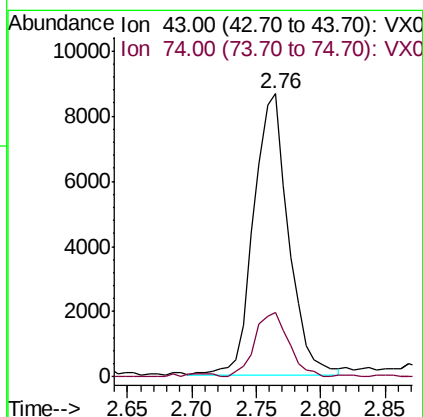
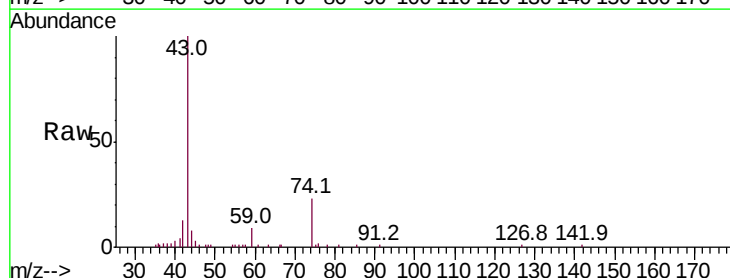
Instrument :
MSVOA_X
ClientSampleId :

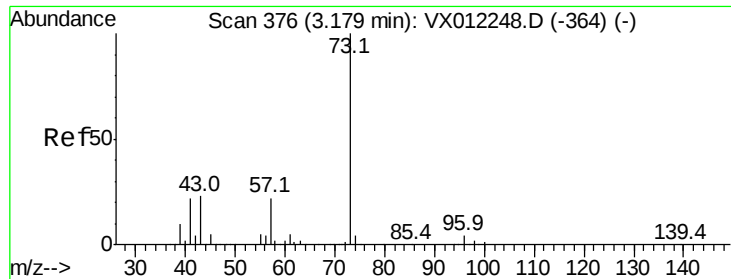
Tot Ion: 76 Resp: 41800
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.2



#18
Methyl Acetate
Concen: 15.075 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion: 43 Resp: 16005
Ion Ratio Lower Upper
43 100
74 22.5 18.3 27.5



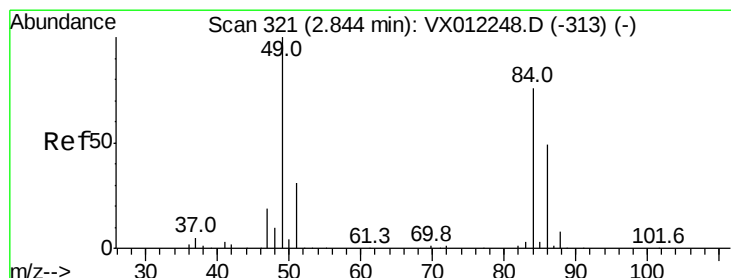
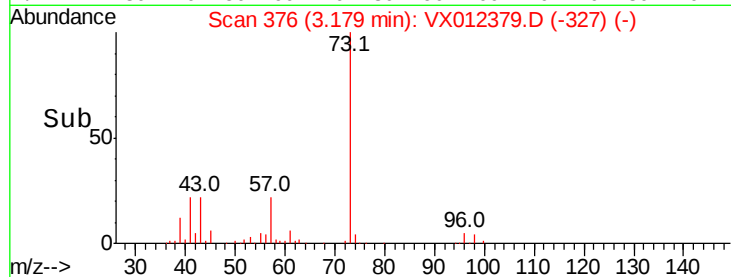
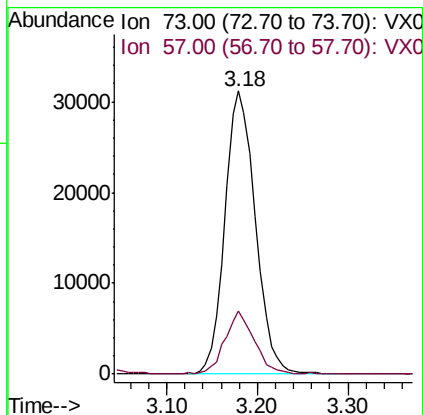
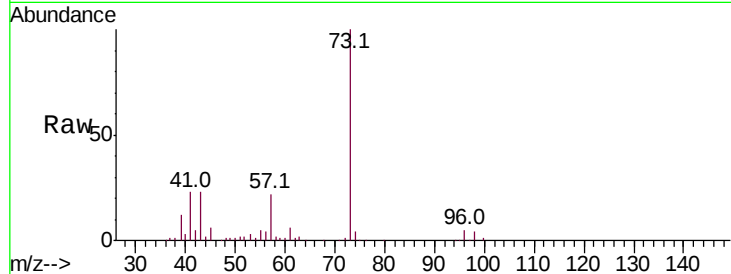


#19

Methyl tert-butyl Ether
 Concen: 16.141 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :

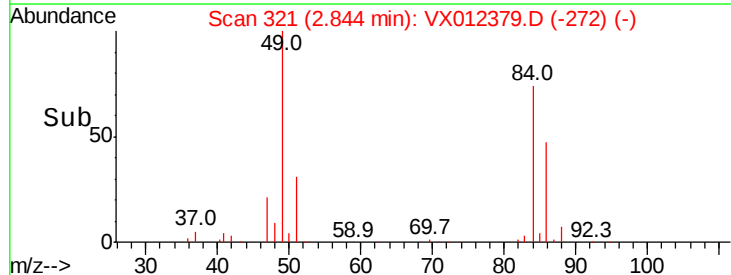
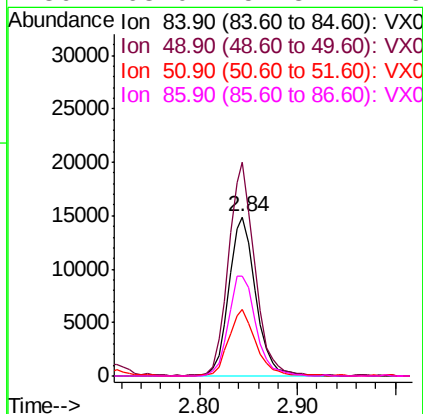
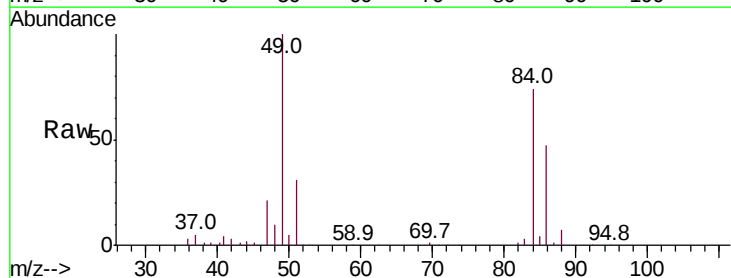
Tot Ion: 73 Resp: 72796
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.7 26.5

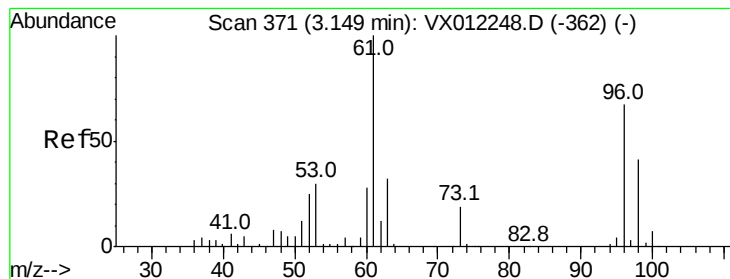


#20

Methylene Chloride
 Concen: 16.137 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion: 84 Resp: 28242
 Ion Ratio Lower Upper
 84 100
 49 134.3 105.0 157.6
 51 42.1 32.6 48.8
 86 63.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.855 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

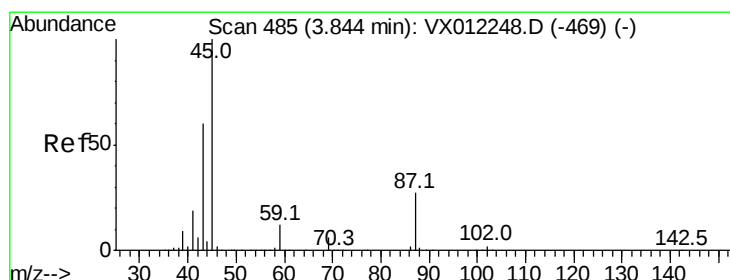
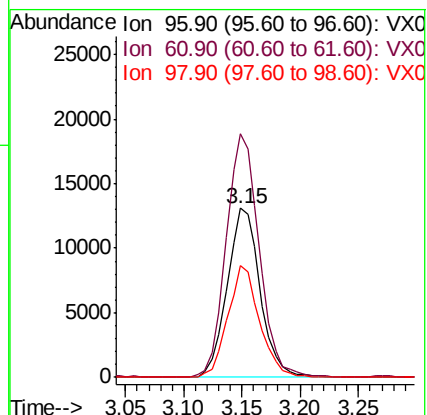
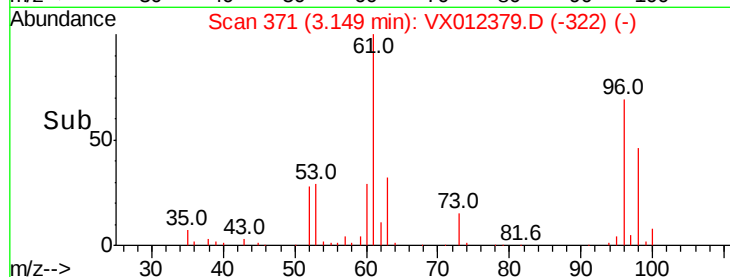
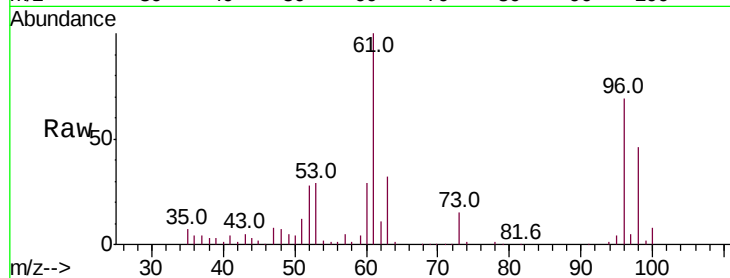
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 96 Resp: 25690

Ion	Ratio	Lower	Upper
96	100		
61	143.8	119.4	179.2
98	65.7	48.4	72.6



#22

Diisopropyl ether

Concen: 17.018 ug/l

RT: 3.84 min Scan# 485

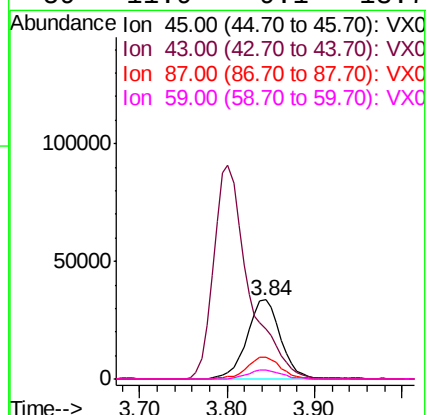
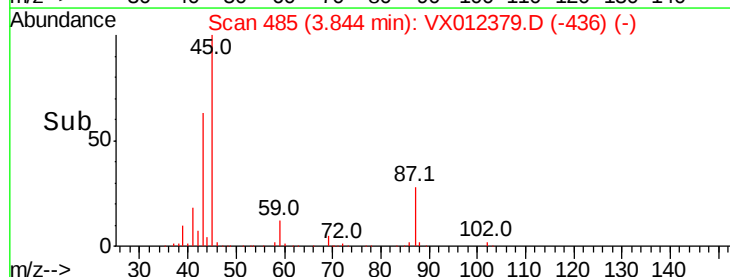
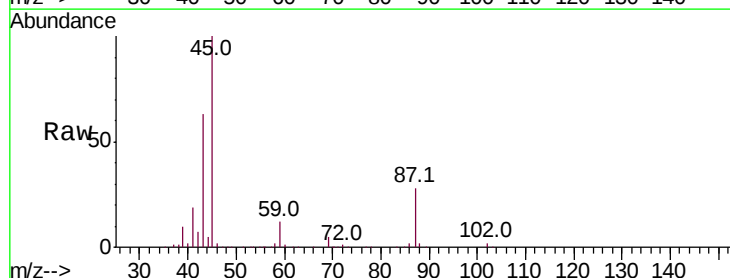
Delta R.T. -0.00 min

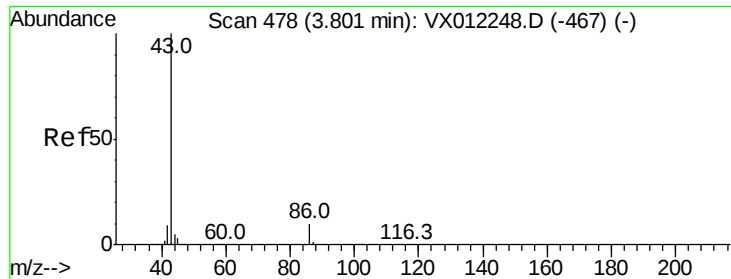
Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Tgt Ion: 45 Resp: 90615

Ion	Ratio	Lower	Upper
45	100		
43	62.1	48.3	72.5
87	27.8	21.8	32.8
59	11.9	9.1	13.7





#23

Vinyl Acetate

Concen: 77.628 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

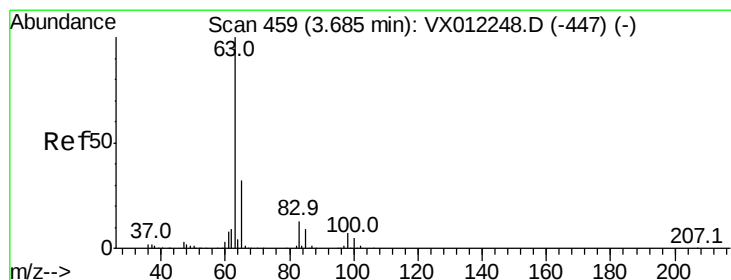
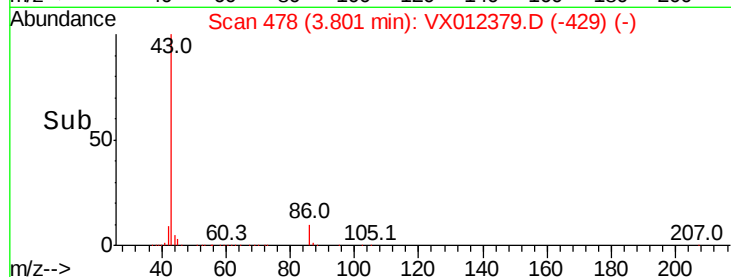
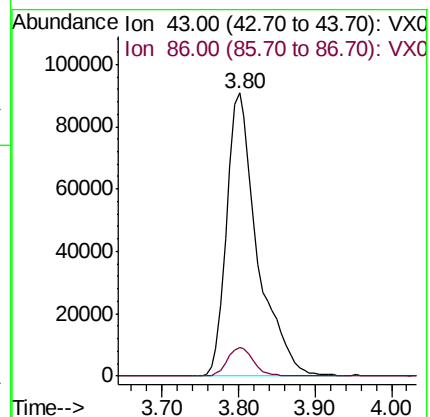
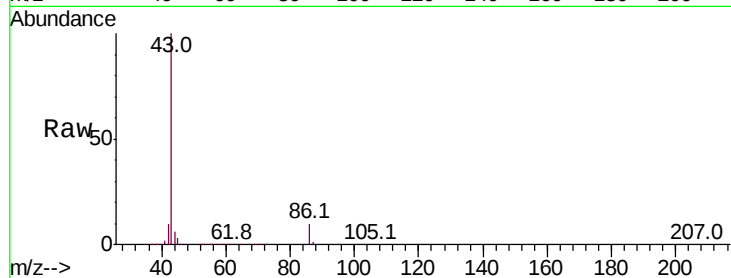
ClientSampled :

Tot Ion: 43 Resp: 253606

Ion Ratio Lower Upper

43 100

86 10.3 8.3 12.5



#24

1,1-Dichloroethane

Concen: 18.515 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

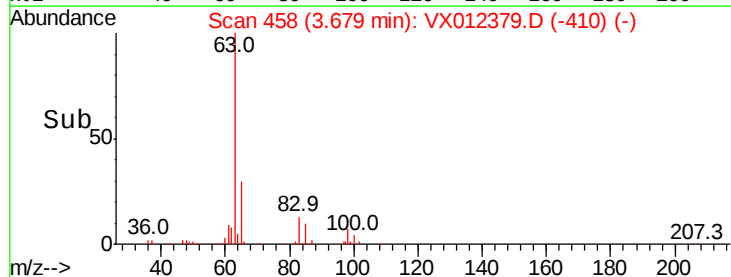
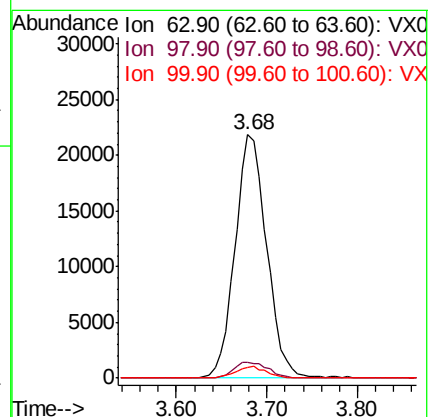
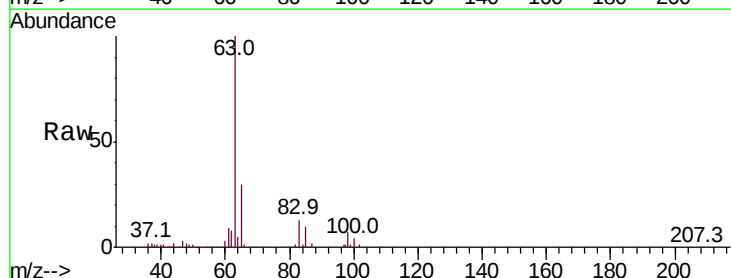
Tgt Ion: 63 Resp: 52807

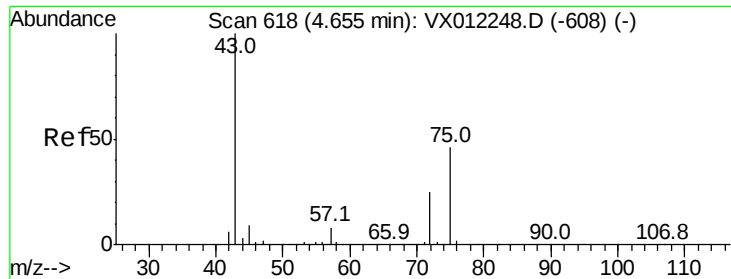
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 4.3 2.4 7.2





#25

2-Butanone

Concen: 72.108 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

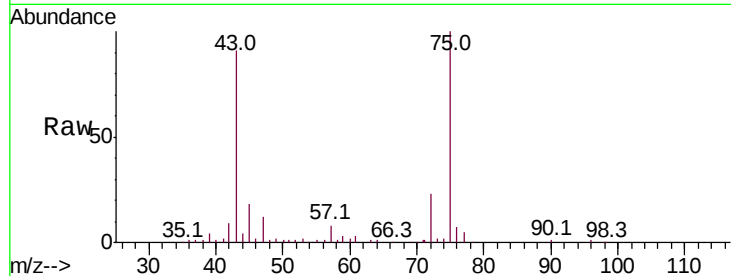
ClientSampled :

Tot Ion: 43 Resp: 46561

Ion Ratio Lower Upper

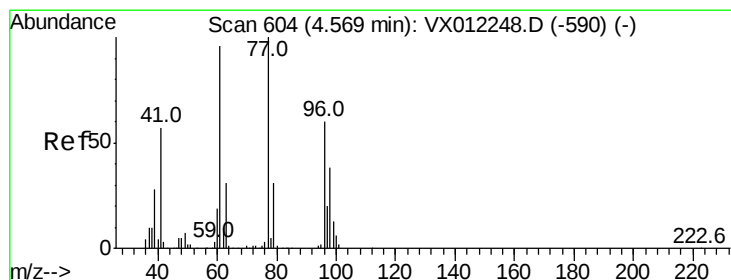
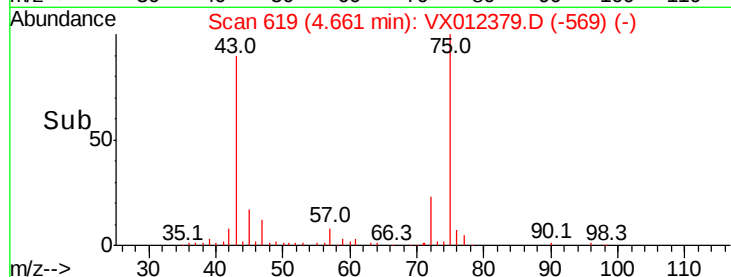
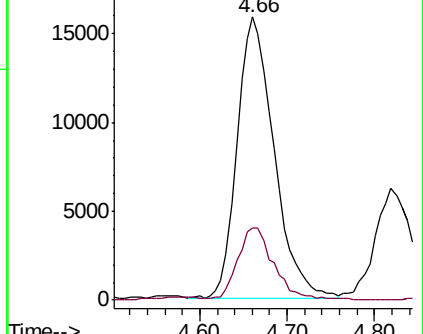
43 100

72 25.0 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.569 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012379.D

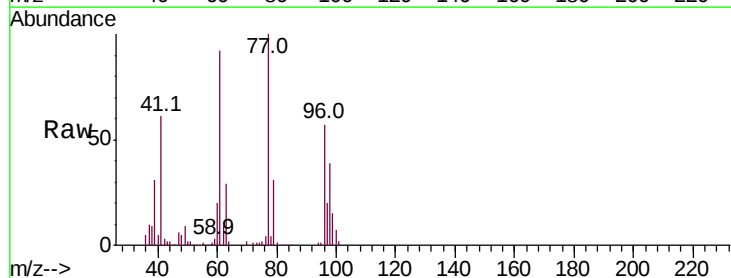
Acq: 13 Sep 2019 11:43

Tgt Ion: 77 Resp: 49724

Ion Ratio Lower Upper

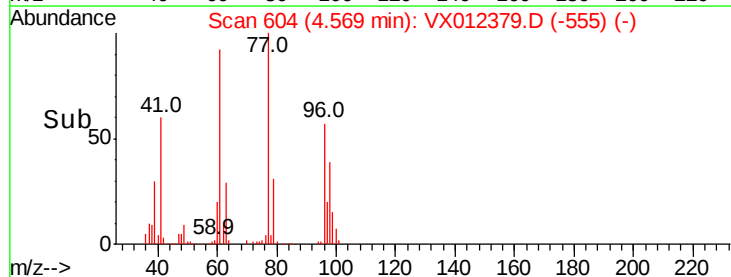
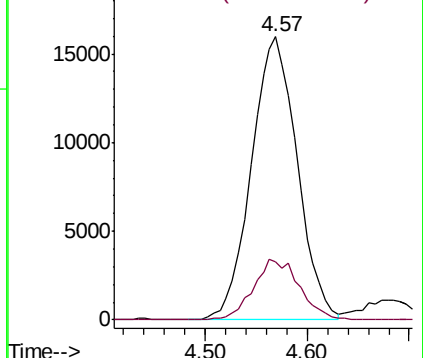
77 100

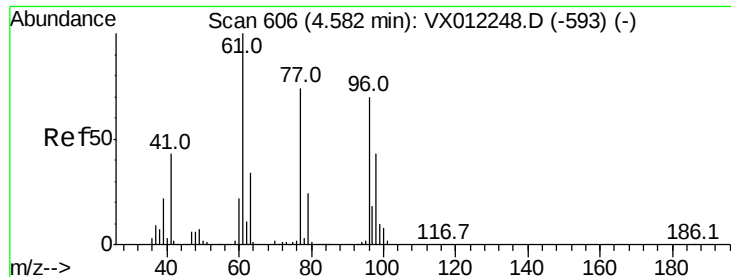
97 21.6 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



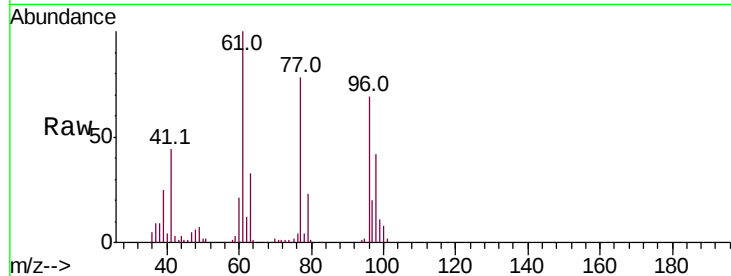


#27

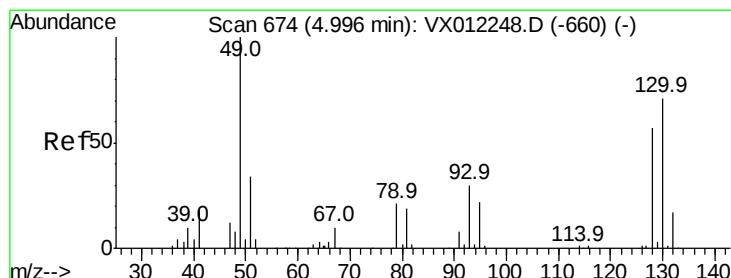
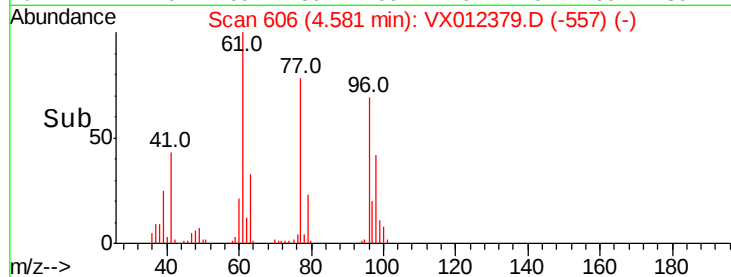
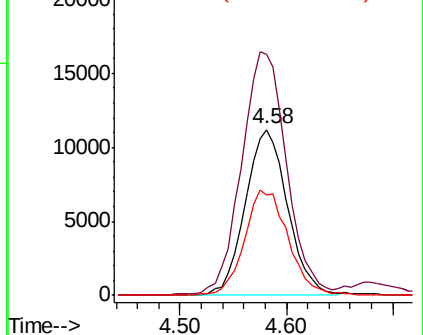
cis-1,2-Dichloroethene
Concen: 17.697 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 31130
Ion Ratio Lower Upper
96 100
61 157.0 0.0 310.4
98 65.9 0.0 128.8



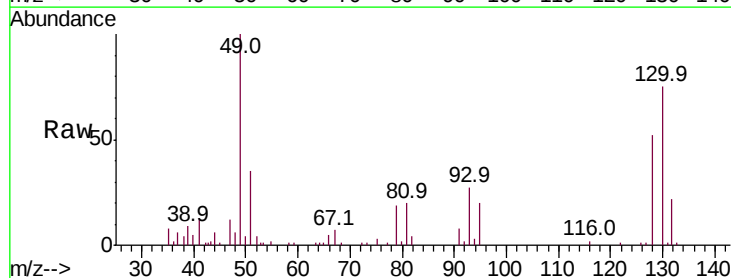
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



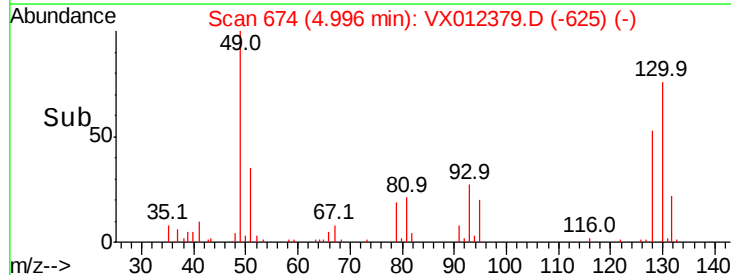
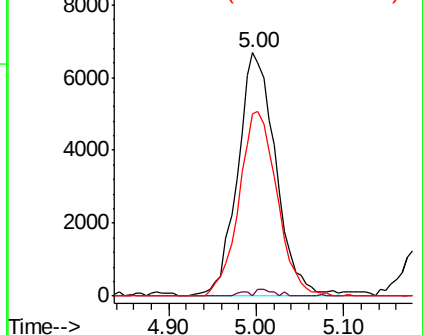
#28

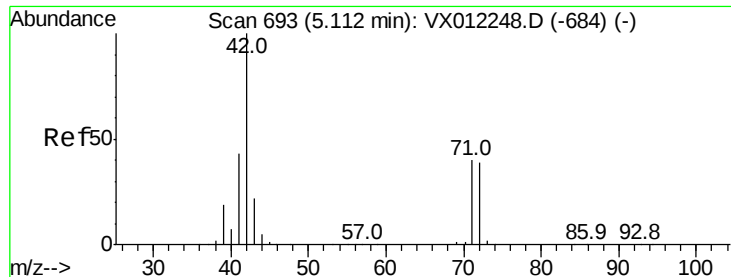
Bromochloromethane
Concen: 15.101 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion: 49 Resp: 20200
Ion Ratio Lower Upper
49 100
129 1.3 0.0 5.2
130 75.8 60.1 90.1



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

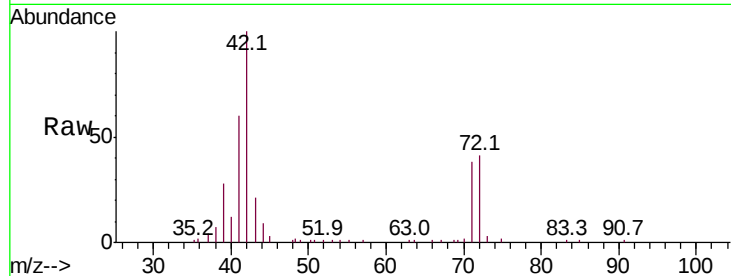




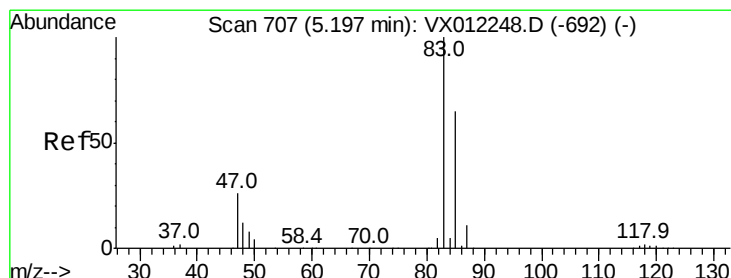
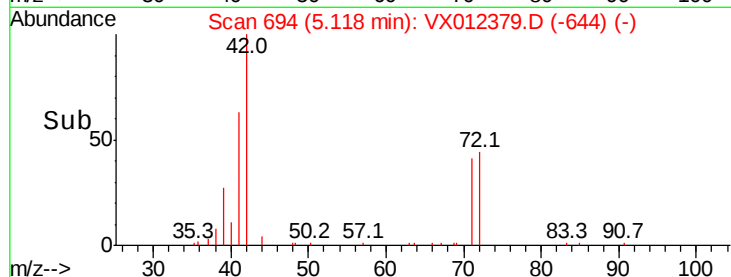
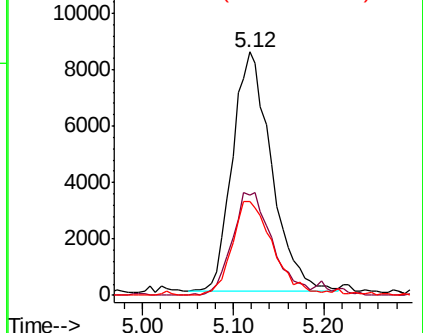
#29
Tetrahydrofuran
Concen: 72.244 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 42 Resp: 25169
Ion Ratio Lower Upper
42 100
72 44.7 35.2 52.8
71 41.1 32.5 48.7

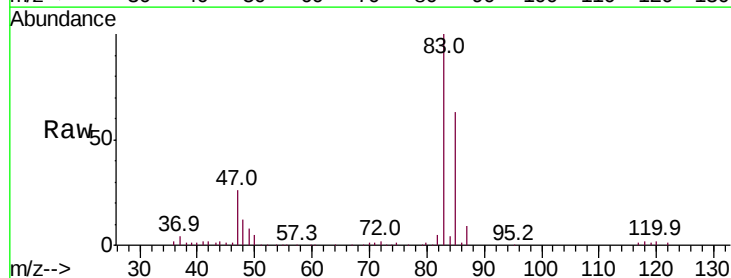


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

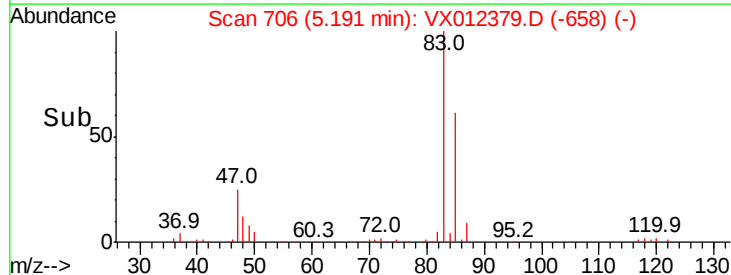
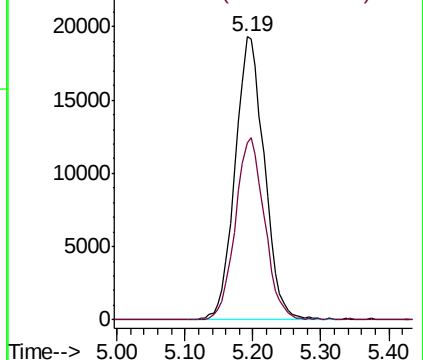


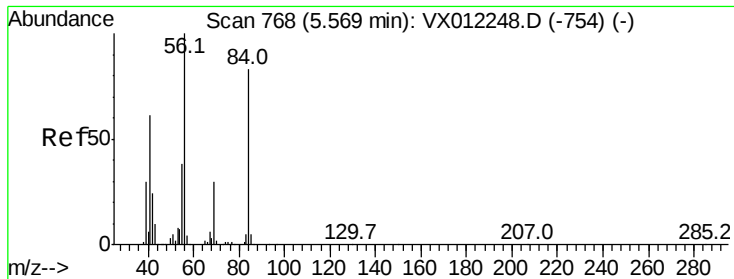
#30
Chloroform
Concen: 17.992 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion: 83 Resp: 57866
Ion Ratio Lower Upper
83 100
85 62.6 52.3 78.5



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





#31

Cyclohexane

Concen: 19.138 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampled :

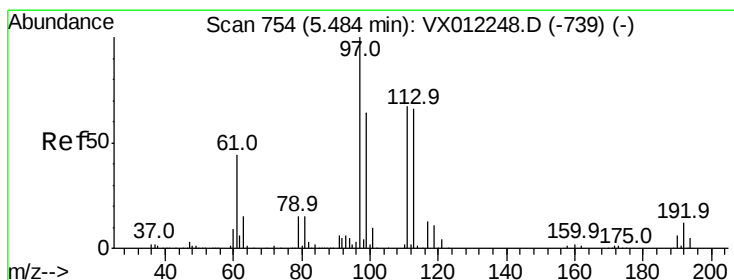
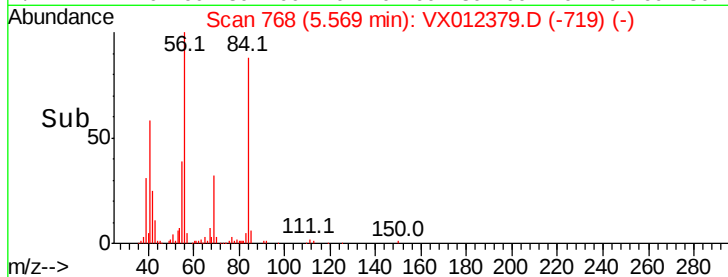
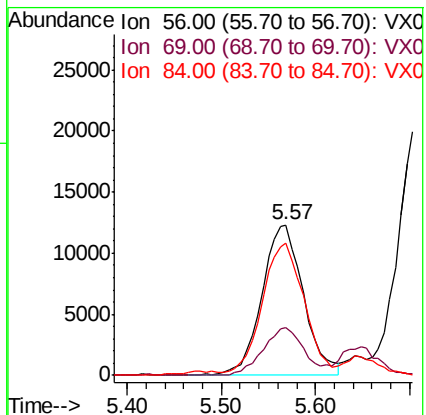
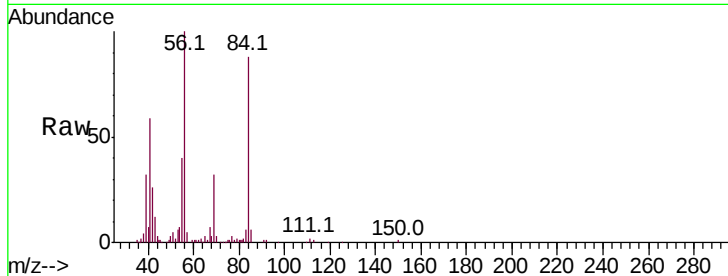
Tot Ion: 56 Resp: 37918

Ion Ratio Lower Upper

56 100

69 32.1 23.8 35.6

84 85.4 66.6 100.0



#32

1,1,1-Trichloroethane

Concen: 18.312 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

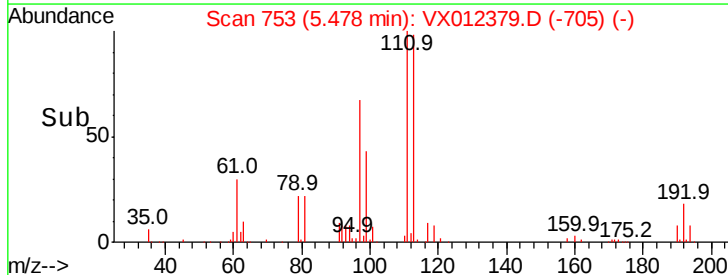
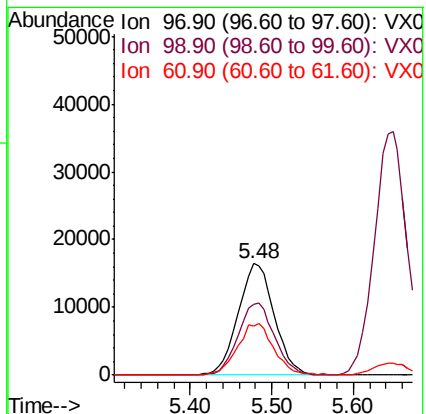
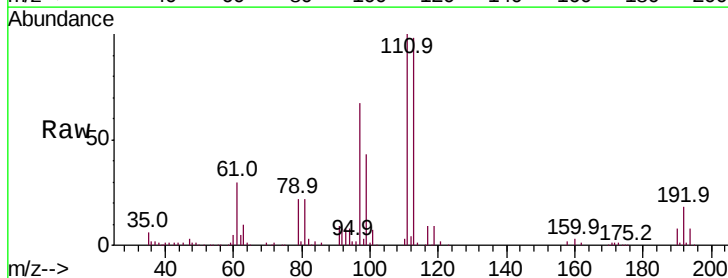
Tgt Ion: 97 Resp: 50572

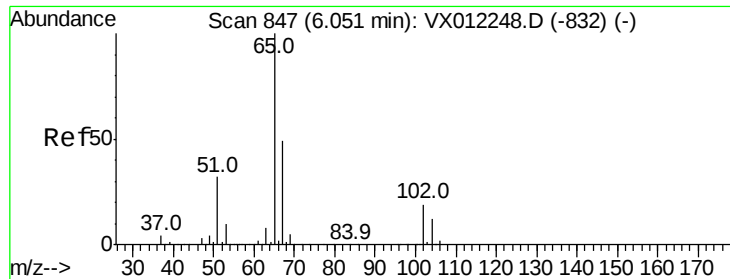
Ion Ratio Lower Upper

97 100

99 64.9 51.3 76.9

61 46.7 35.4 53.0

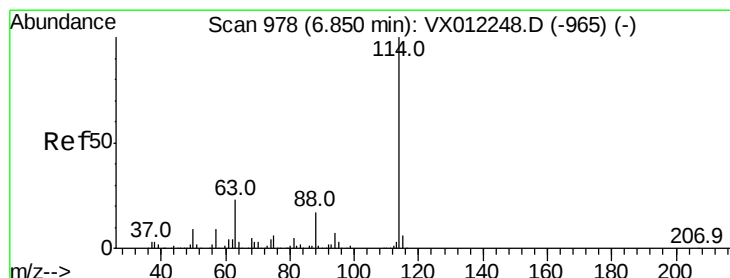
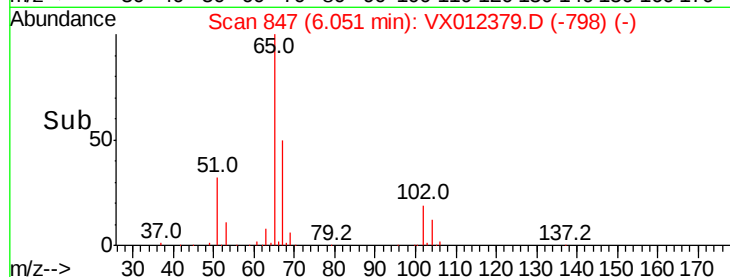
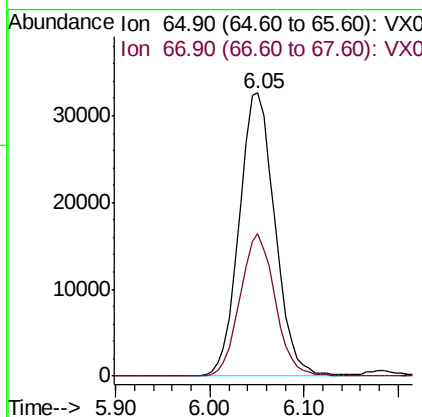
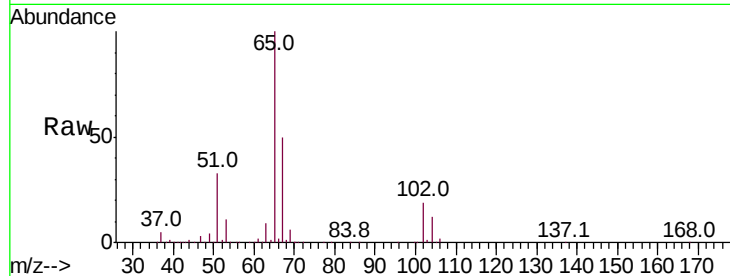




#33
 1,2-Dichloroethane-d4
 Concen: 40.661 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

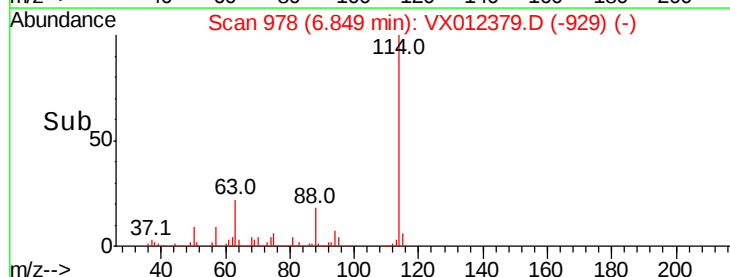
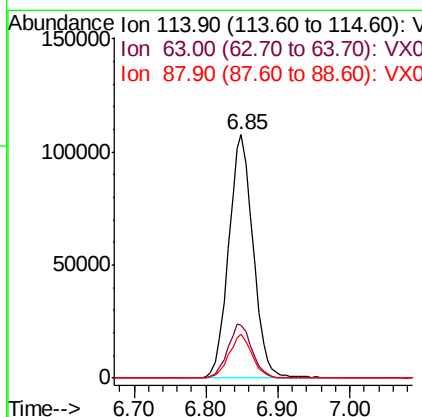
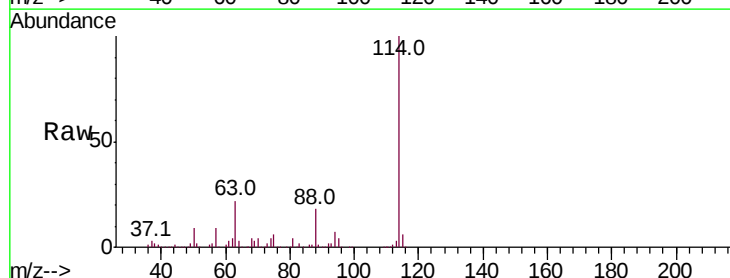
Instrument :
 MSVOA_X
 ClientSampleId :

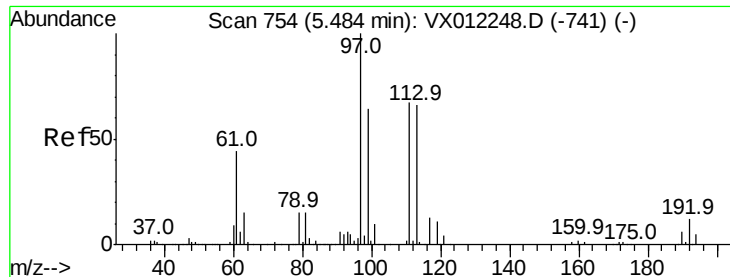
Tot Ion: 65 Resp: 86759
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion:114 Resp: 254040
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.2
 88 17.9 0.0 34.8

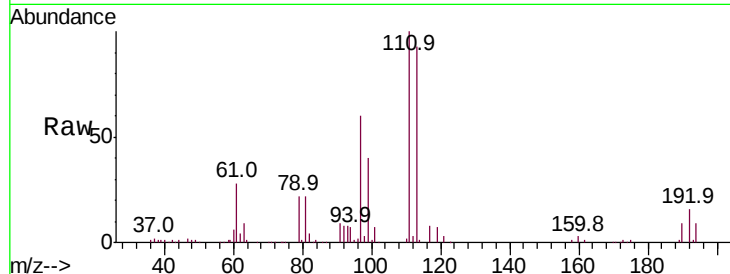




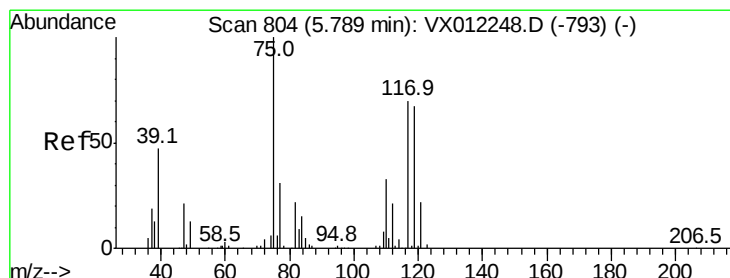
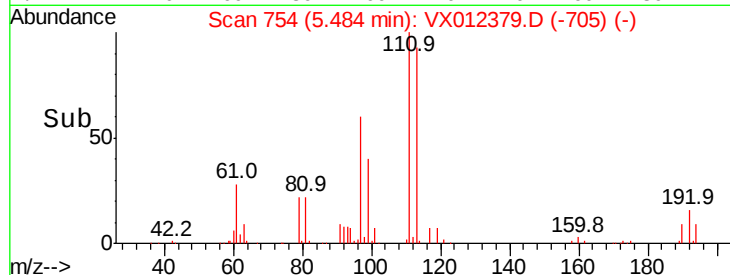
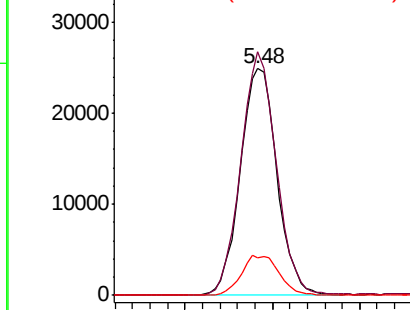
#35
 Dibromofluoromethane
 Concen: 44.695 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 72787
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.0 124.6
 192 18.0 14.3 21.5

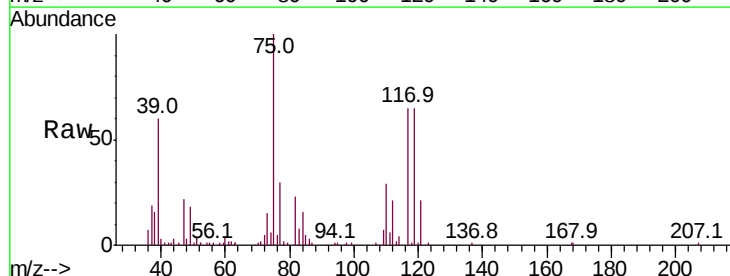


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

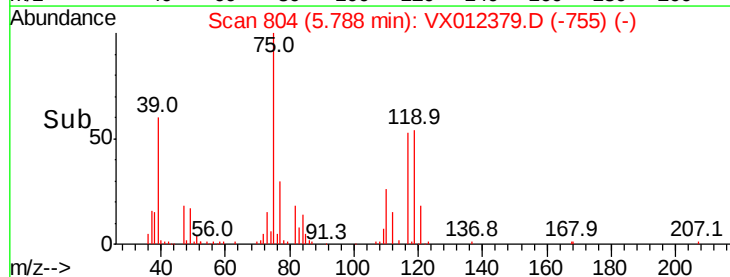
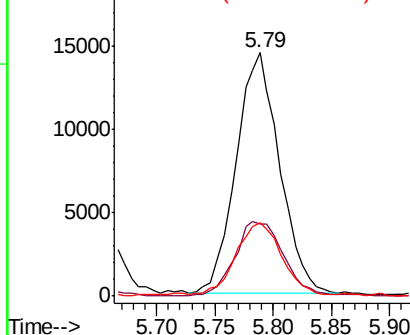


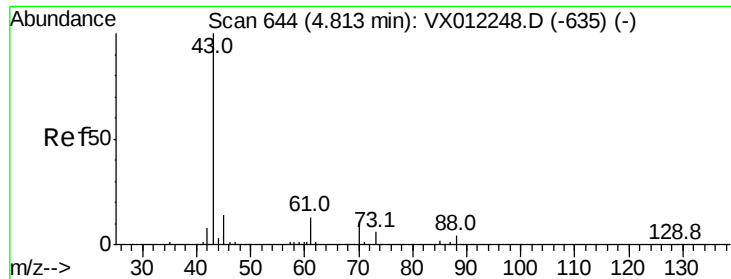
#36
 1,1-Dichloropropene
 Concen: 20.272 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion: 75 Resp: 37552
 Ion Ratio Lower Upper
 75 100
 110 34.5 16.8 50.4
 77 31.4 24.5 36.7



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

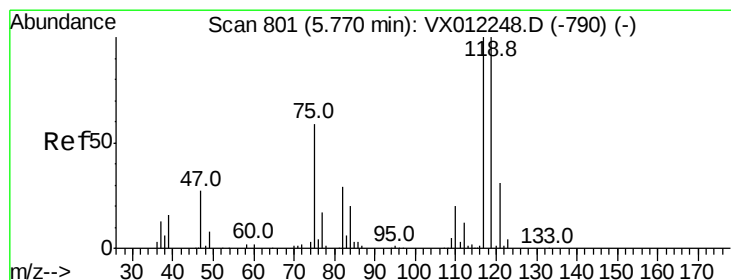
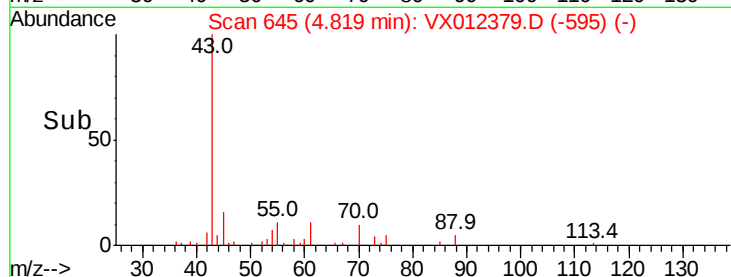
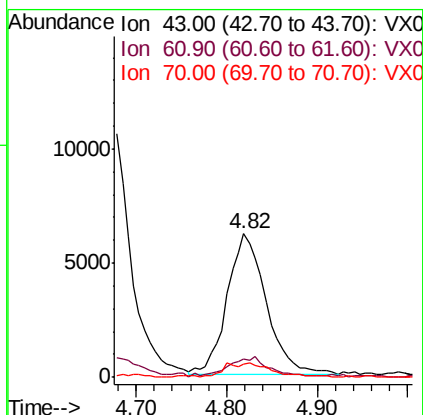
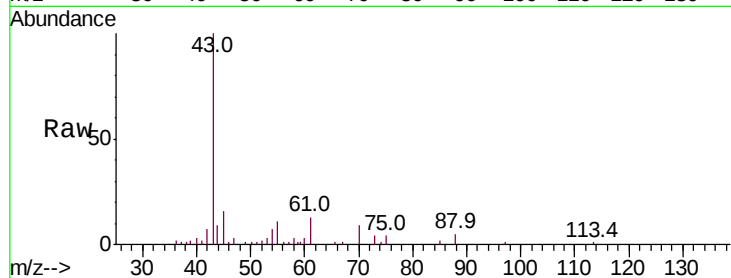




#37
Ethyl Acetate
Concen: 16.021 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

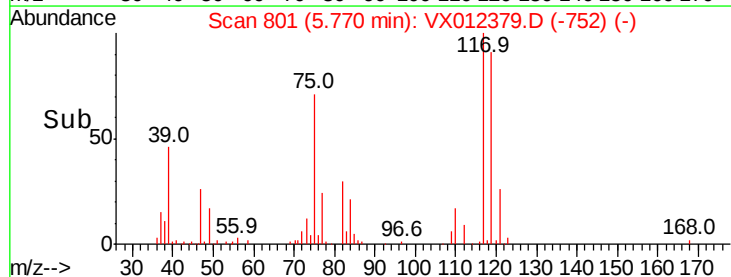
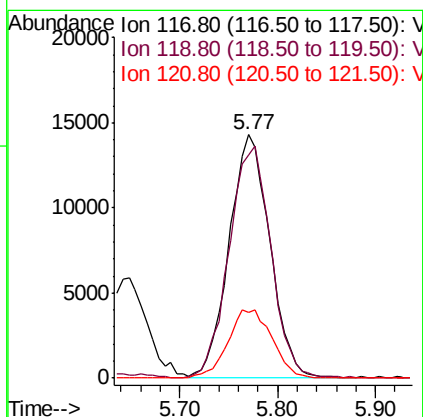
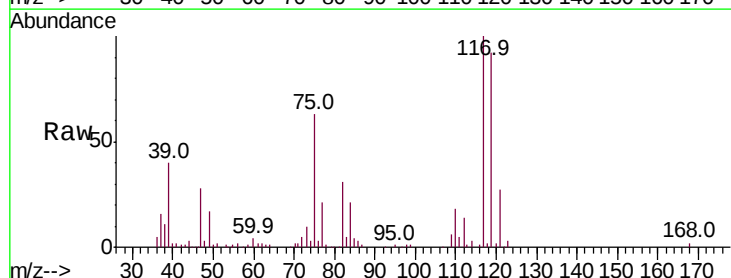
Instrument :
MSVOA_X
ClientSampled :

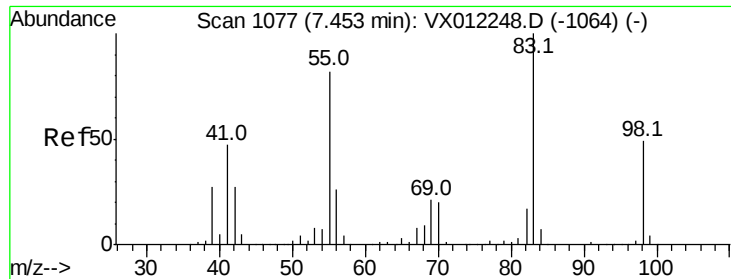
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	10.3	15.5#
70	8.4	9.1	13.7#



#38
Carbon Tetrachloride
Concen: 19.044 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.0	79.6	119.4
121	26.8	24.7	37.1

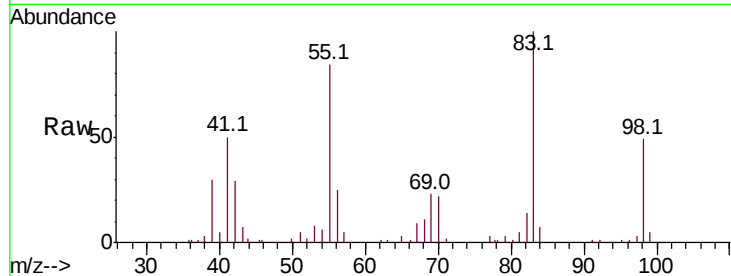




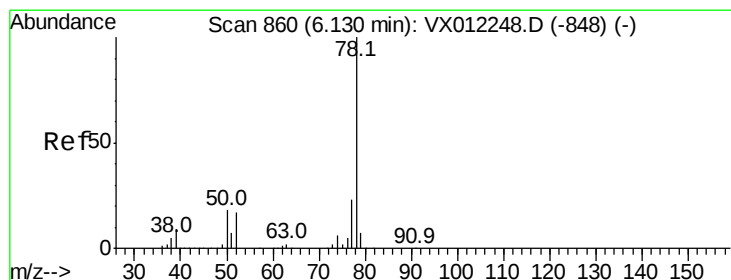
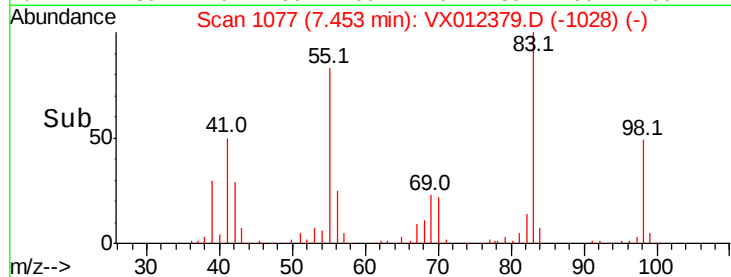
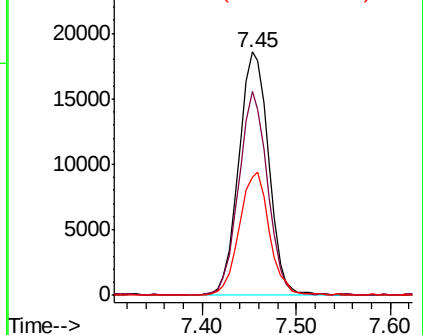
#39
Methvlcvclohexane
Concen: 20.377 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 41423
Ion Ratio Lower Upper
83 100
55 83.3 65.4 98.2
98 48.6 39.6 59.4

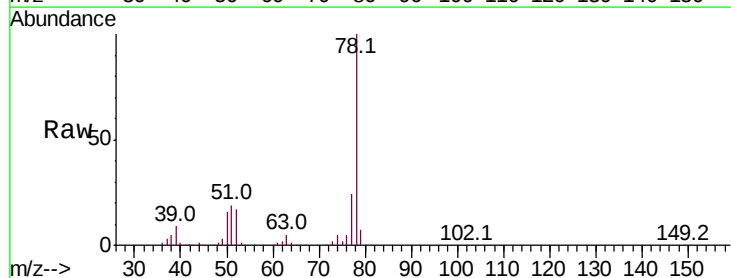


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

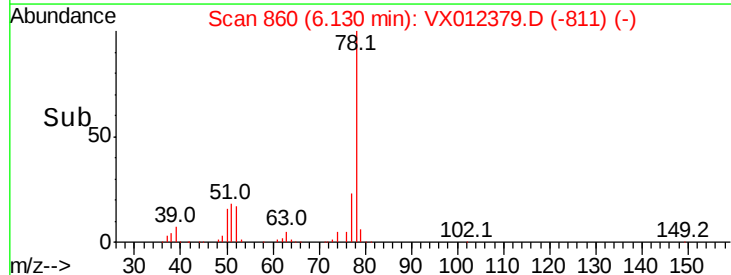
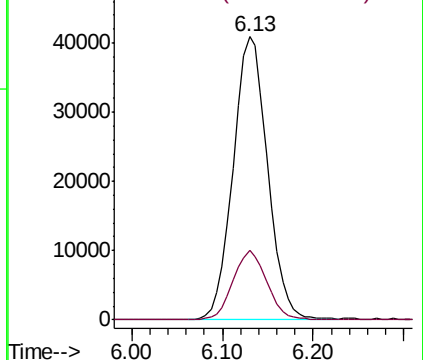


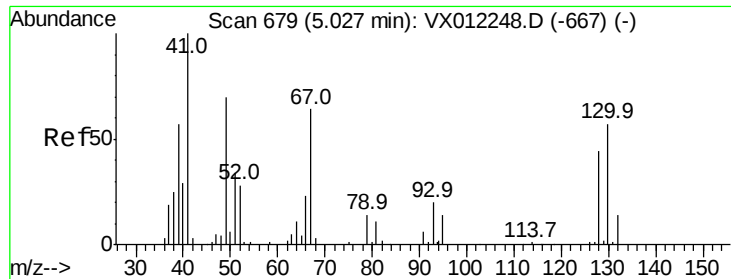
#40
Benzene
Concen: 19.239 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion: 78 Resp: 107861
Ion Ratio Lower Upper
78 100
77 24.4 18.0 27.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 15.631 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 11034

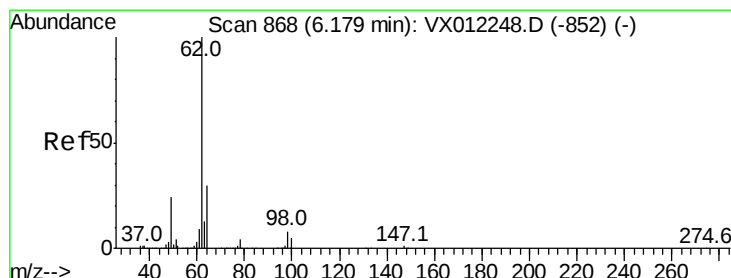
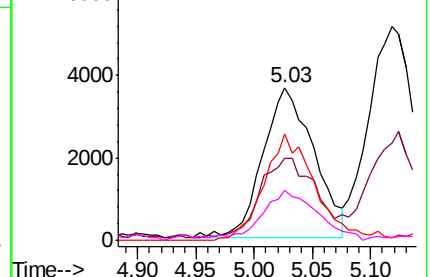
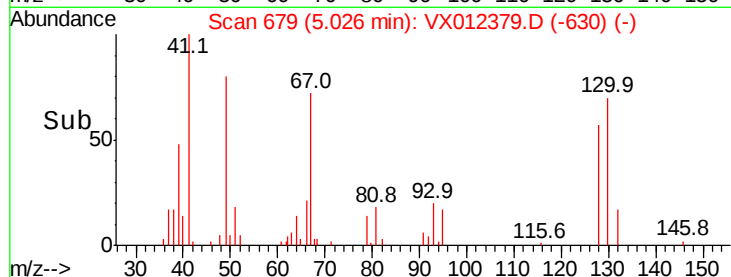
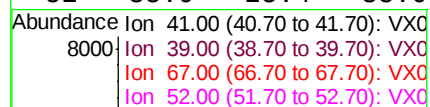
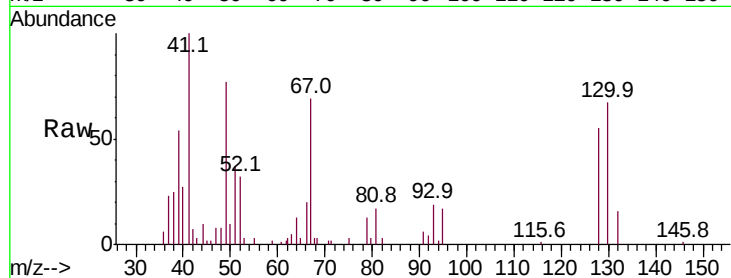
Ion Ratio Lower Upper

41 100

39 57.2 49.0 73.4

67 70.0 55.0 82.4

52 35.9 25.4 38.0



#42

1,2-Dichloroethane

Concen: 17.329 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012379.D

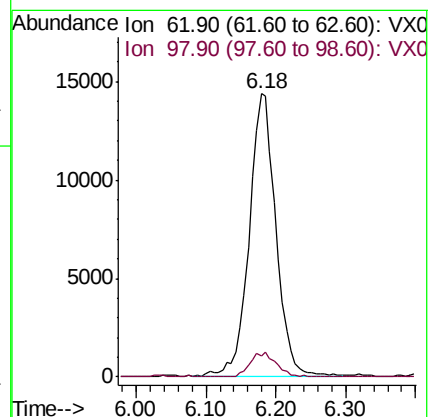
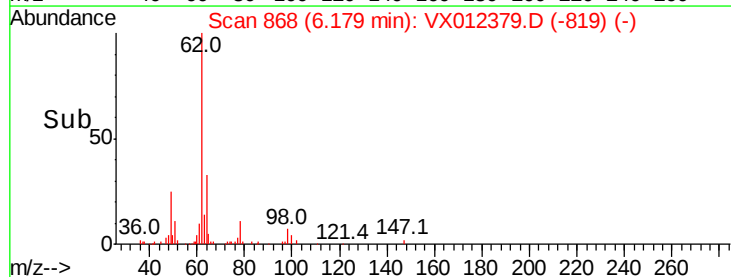
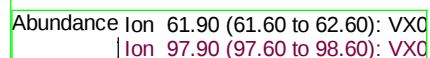
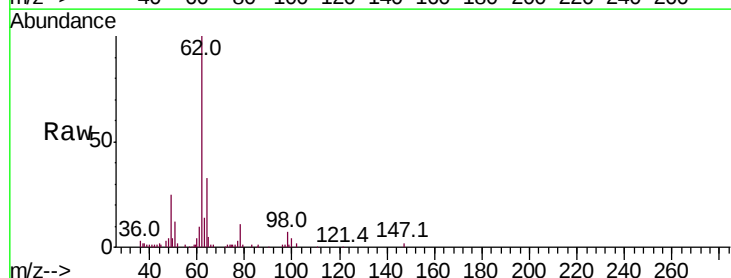
Acq: 13 Sep 2019 11:43

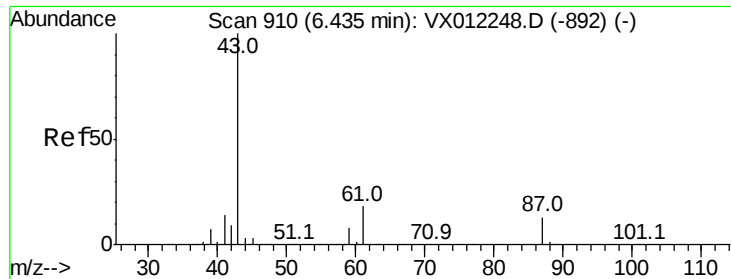
Tgt Ion: 62 Resp: 38398

Ion Ratio Lower Upper

62 100

98 8.3 0.0 17.2



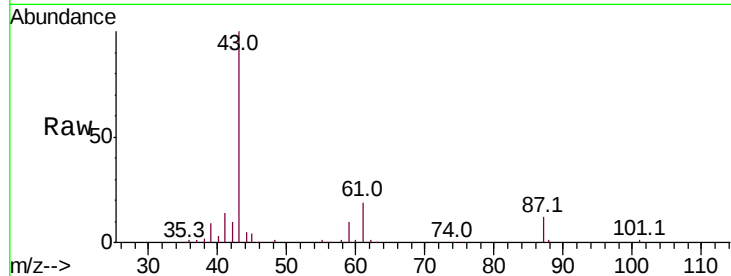


#43

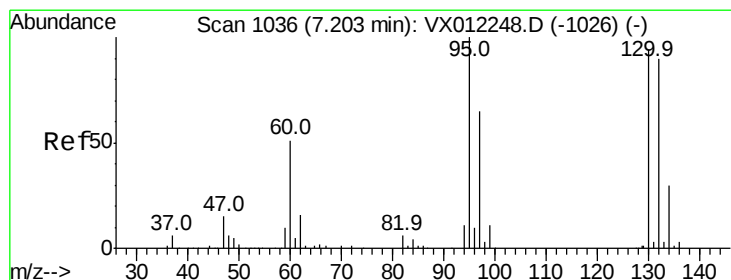
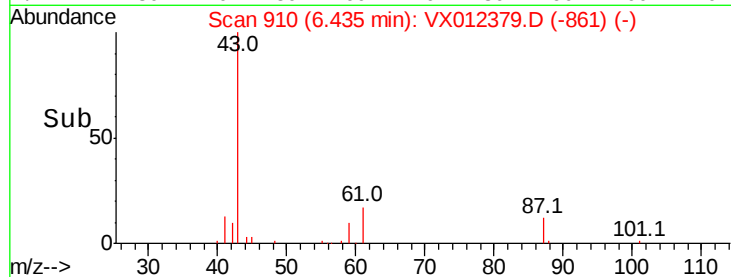
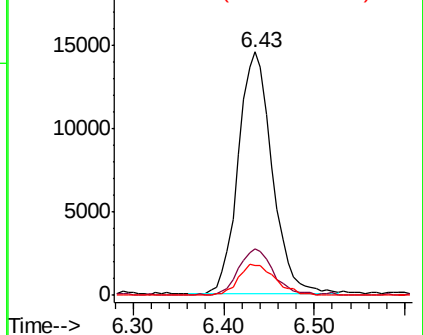
Isopropyl Acetate
 Concen: 15.620 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	61	87
Resp	37710		
Ratio	100	19.8	13.6
Lower		15.4	10.5
Upper		23.2	15.7



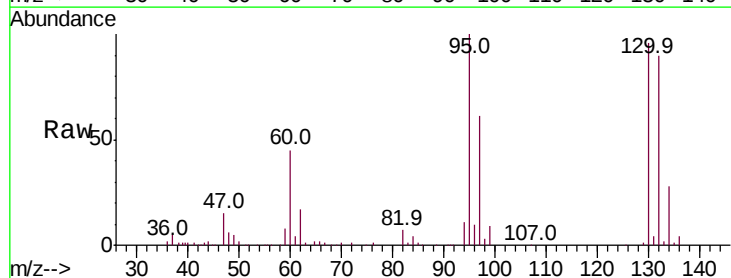
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



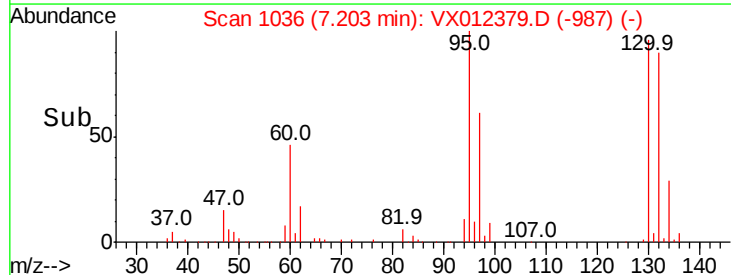
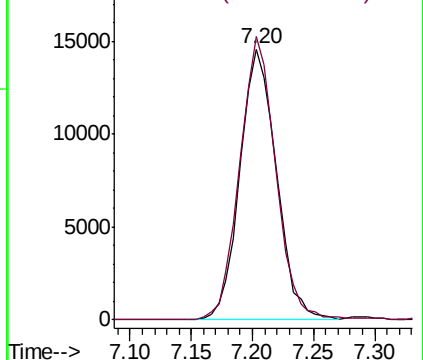
#44

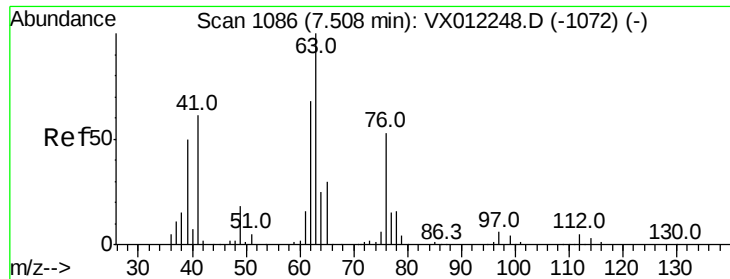
Trichloroethene
 Concen: 19.895 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion	130	95
Resp	30185	
Ratio	100	104.5
Lower		0.0
Upper		212.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

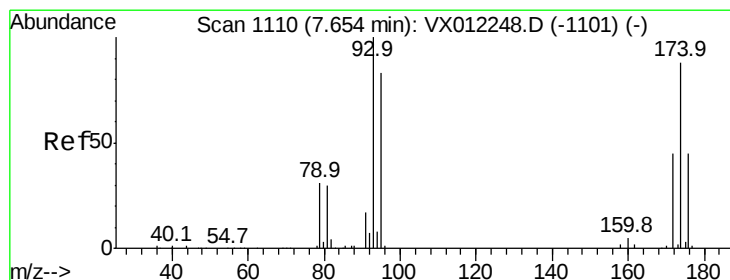
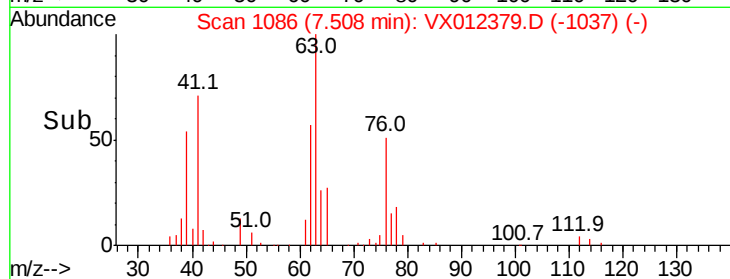
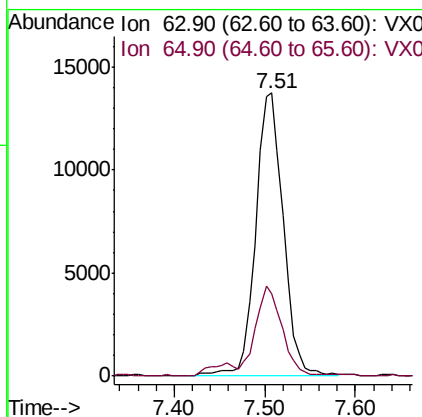
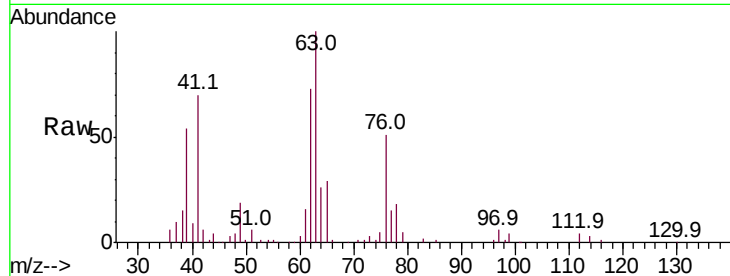




#45
 1,2-Dichloropropane
 Concen: 18.587 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

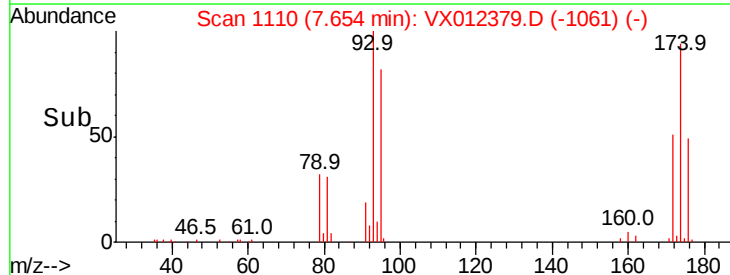
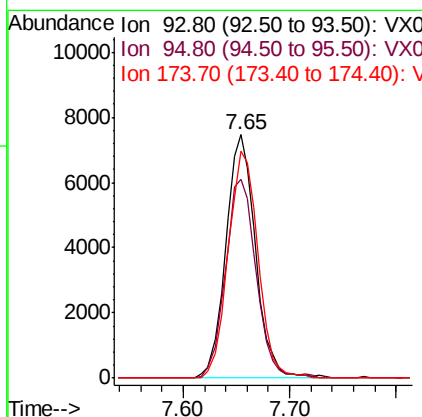
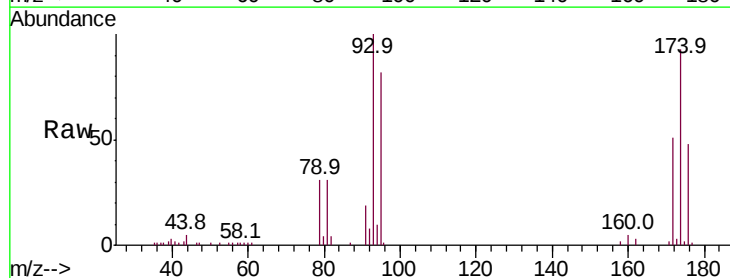
Instrument :
 MSVOA_X
 ClientSampleId :

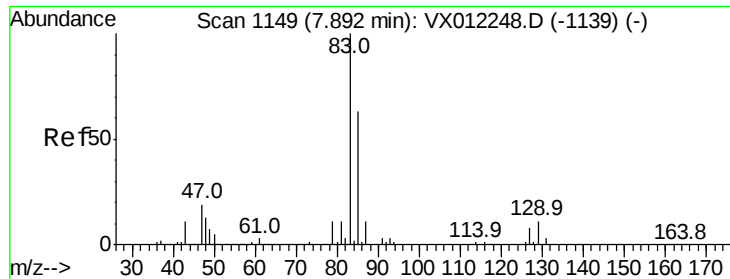
Tot Ion: 63 Resp: 28844
 Ion Ratio Lower Upper
 63 100
 65 29.0 24.3 36.5



#46
 Dibromomethane
 Concen: 17.195 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion: 93 Resp: 14584
 Ion Ratio Lower Upper
 93 100
 95 84.8 65.7 98.5
 174 93.9 71.0 106.4





#47

Bromodichloromethane

Concen: 17.490 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampled :

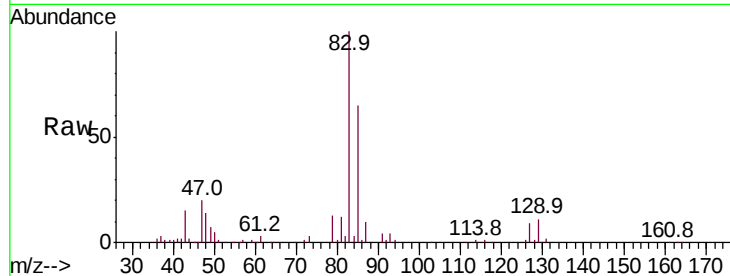
Tot Ion: 83 Resp: 40481

Ion Ratio Lower Upper

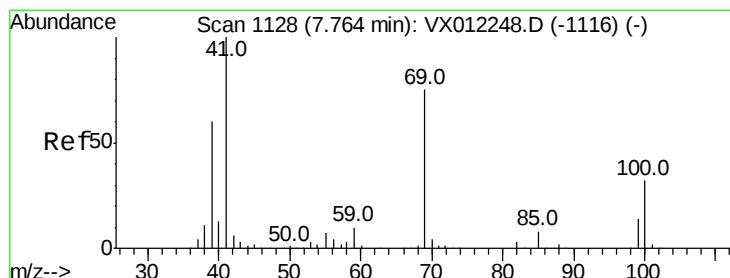
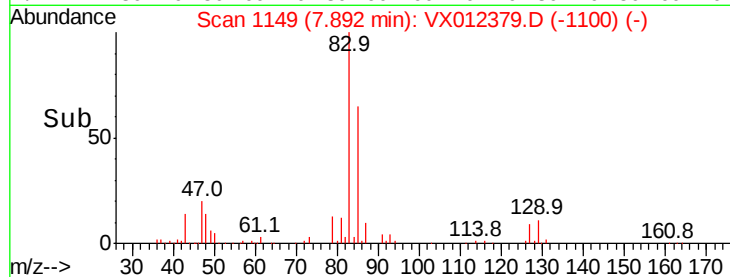
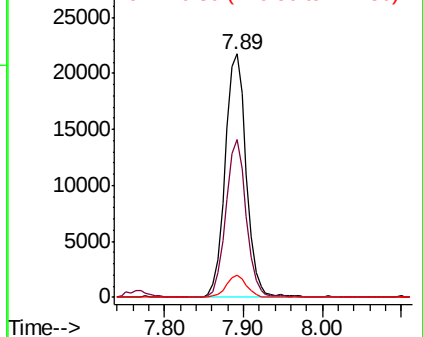
83 100

85 64.9 50.2 75.4

127 9.2 6.3 9.5



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: 14.768 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

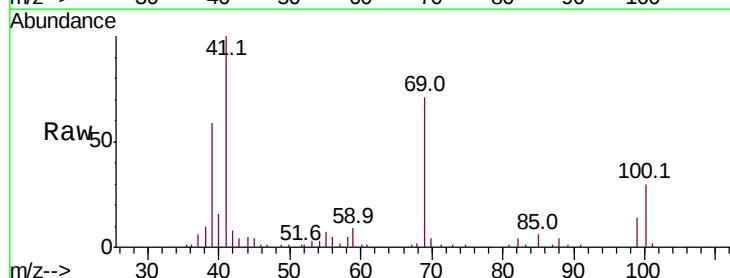
Tgt Ion: 41 Resp: 17065

Ion Ratio Lower Upper

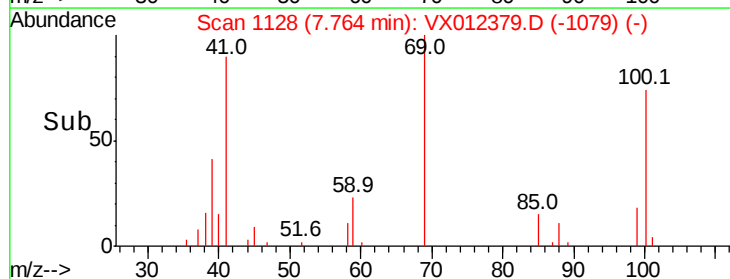
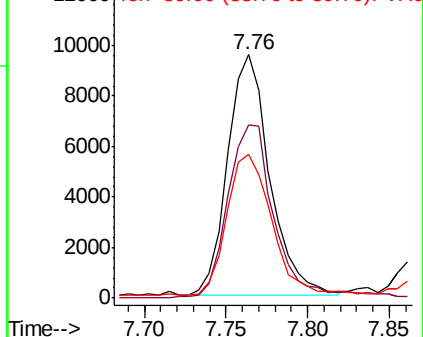
41 100

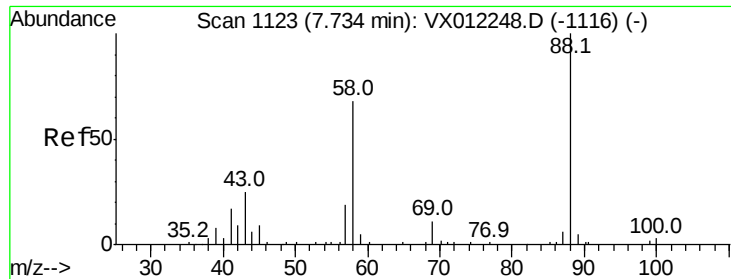
69 81.2 61.8 92.6

39 64.0 48.6 73.0



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

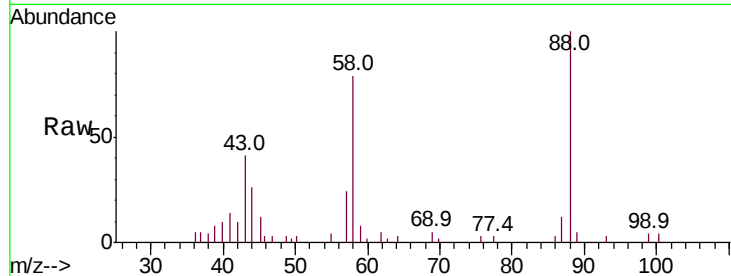




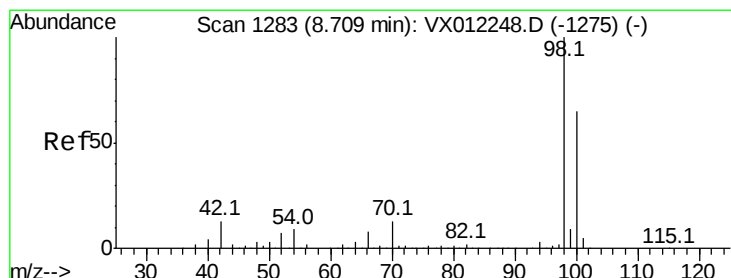
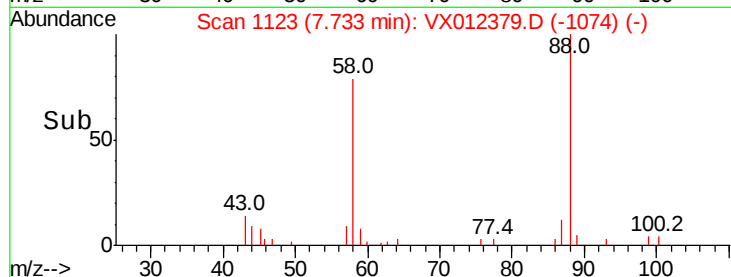
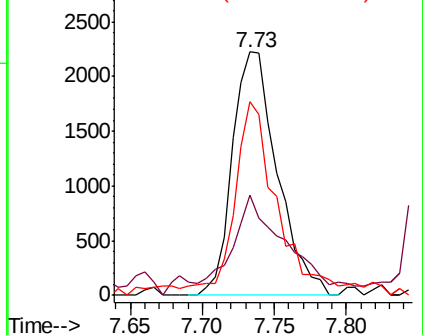
#49
 1,4-Dioxane
 Concen: 310.142 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 88 Resp: 4836
 Ion Ratio Lower Upper
 88 100
 43 38.5 31.0 46.4
 58 69.0 61.5 92.3

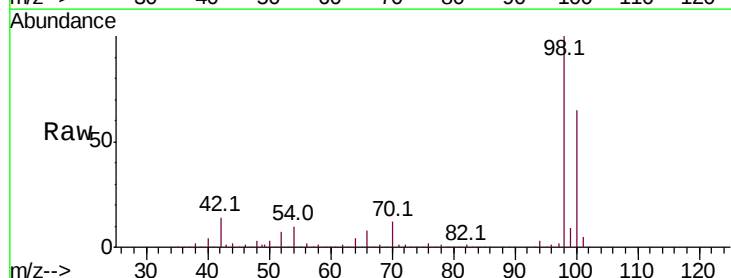


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

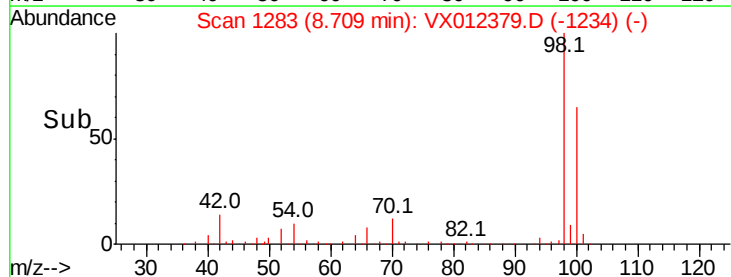
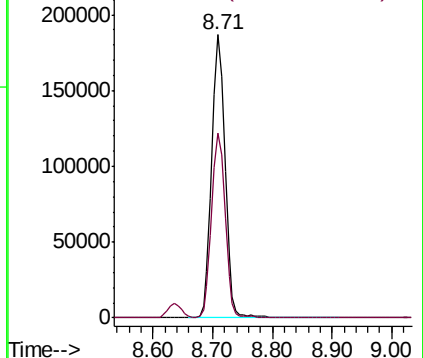


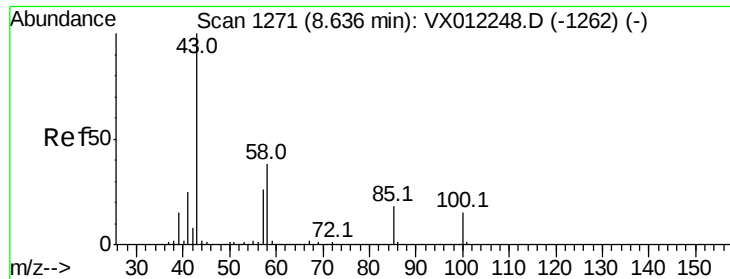
#50
 Toluene-d8
 Concen: 50.231 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion: 98 Resp: 286909
 Ion Ratio Lower Upper
 98 100
 100 67.4 54.1 81.1



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: 75.942 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

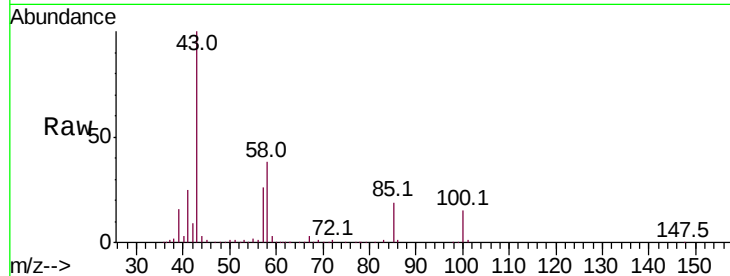
ClientSampled :

Tot Ion: 43 Resp: 96761

Ion Ratio Lower Upper

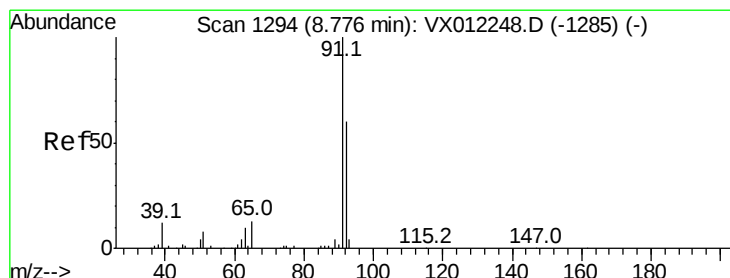
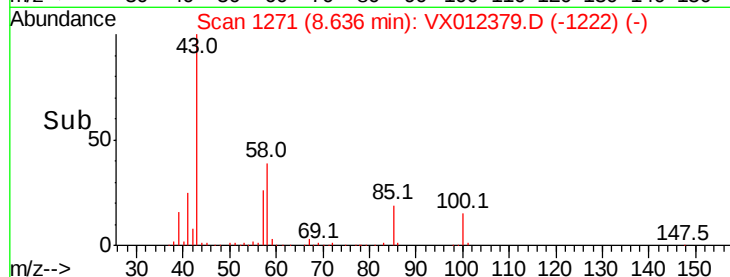
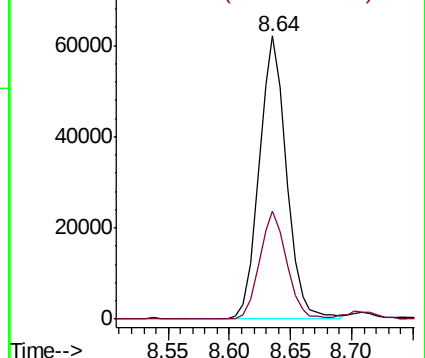
43 100

58 38.2 30.1 45.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.516 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012379.D

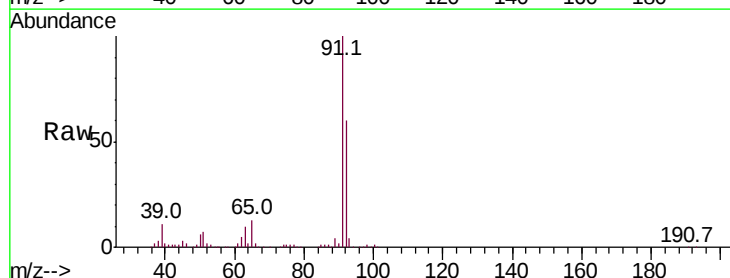
Acq: 13 Sep 2019 11:43

Tgt Ion: 92 Resp: 72268

Ion Ratio Lower Upper

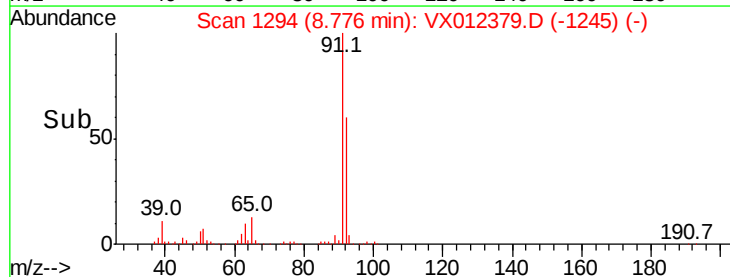
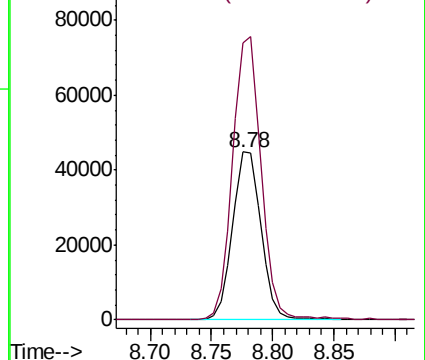
92 100

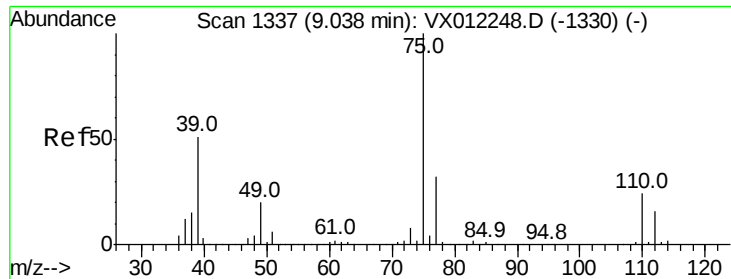
91 168.5 133.6 200.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 16.150 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

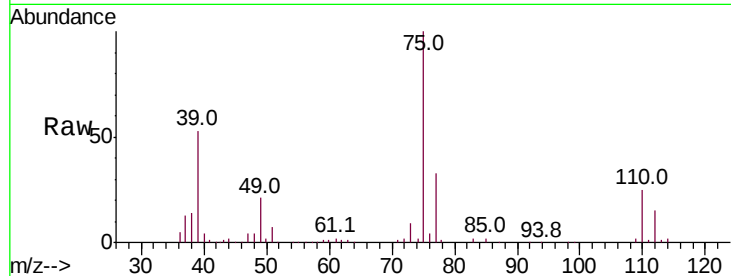
ClientSampled :

Tot Ion: 75 Resp: 37309

Ion Ratio Lower Upper

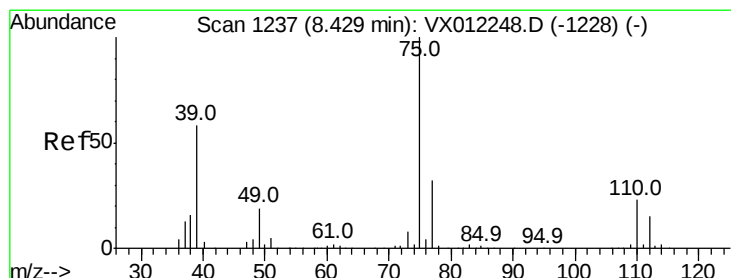
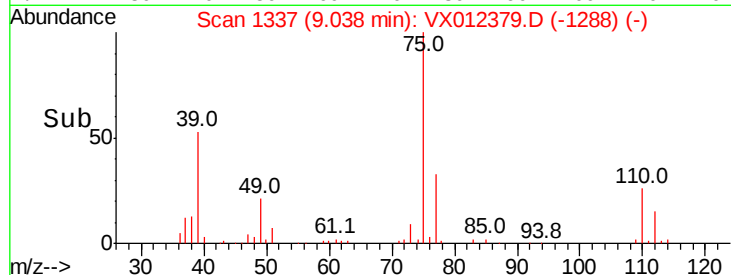
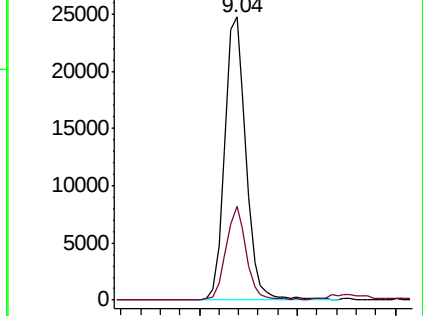
75 100

77 33.1 25.8 38.6



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: 17.002 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

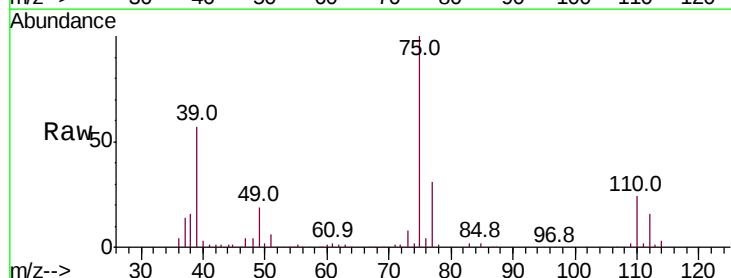
Tgt Ion: 75 Resp: 43553

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2

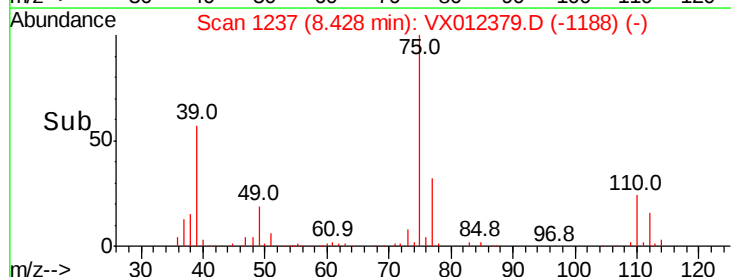
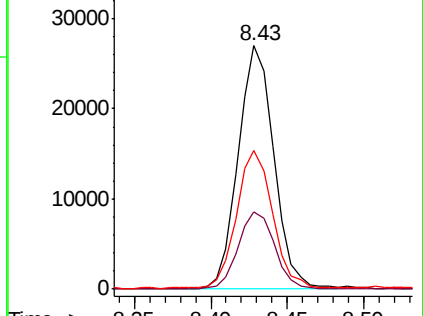
39 56.5 46.5 69.7

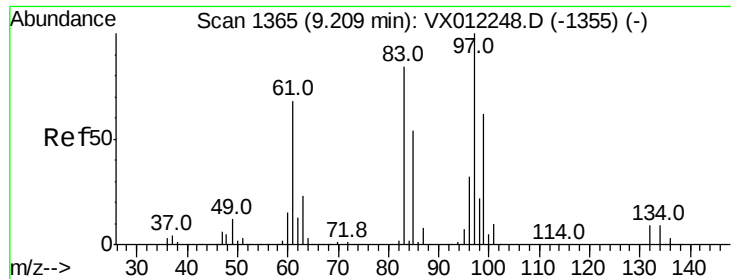


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

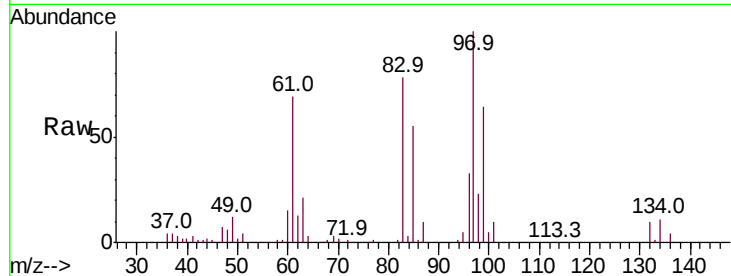




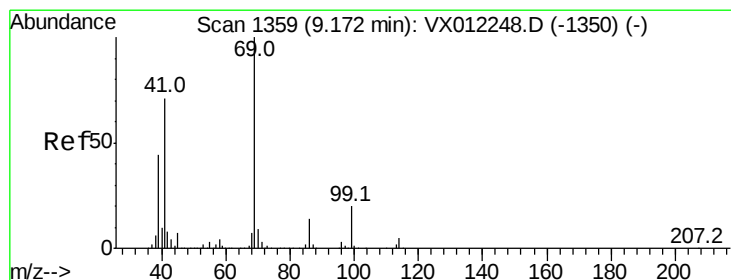
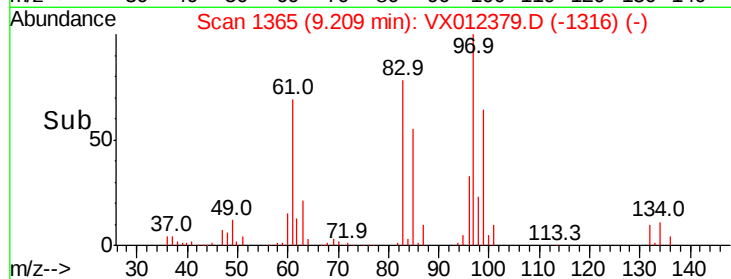
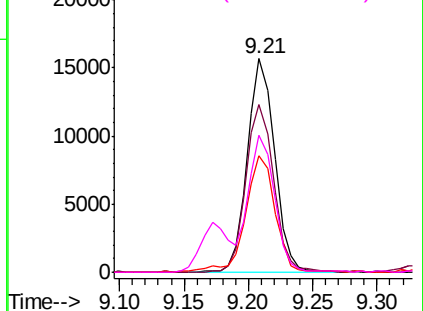
#55
 1,1,2-Trichloroethane
 Concen: 17.436 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	22911
Ion	Ratio	Lower	Upper
97	100		
83	78.2	67.4	101.2
85	54.0	43.4	65.2
99	63.5	49.8	74.6

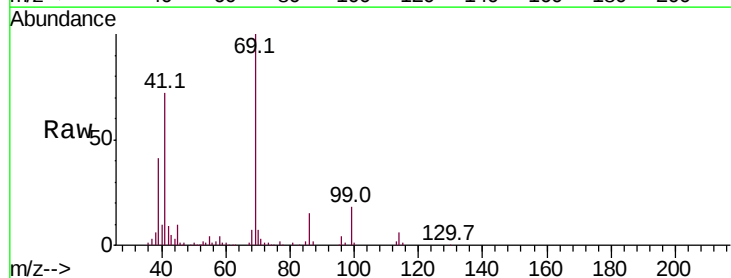


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

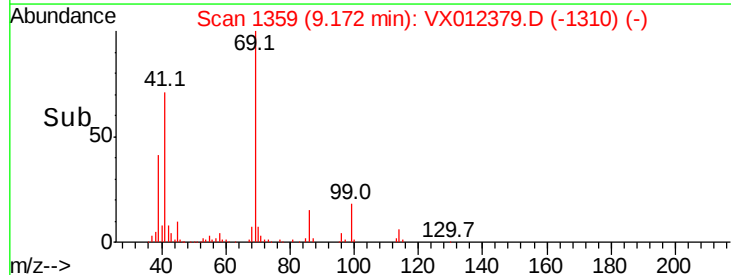
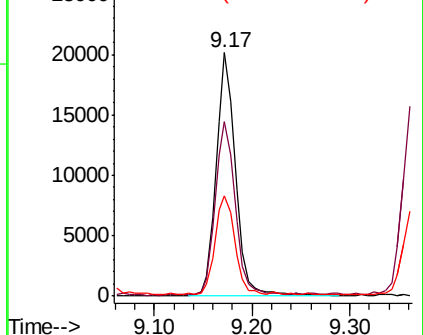


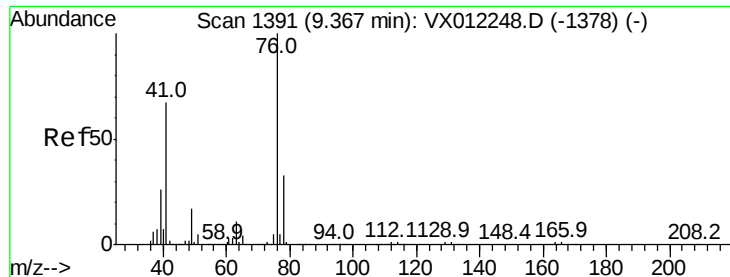
#56
 Ethyl methacrylate
 Concen: 15.697 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion:	69	Resp:	27927
Ion	Ratio	Lower	Upper
69	100		
41	72.1	57.7	86.5
39	42.0	34.0	51.0



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: 17.532 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

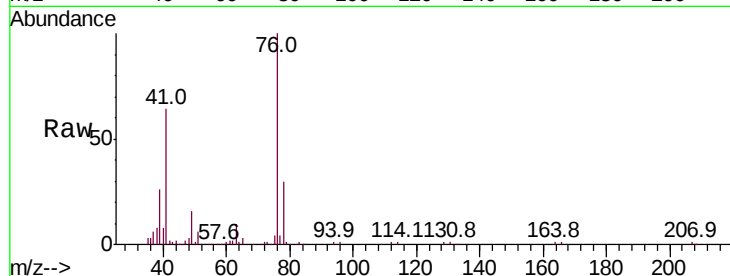
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 39344

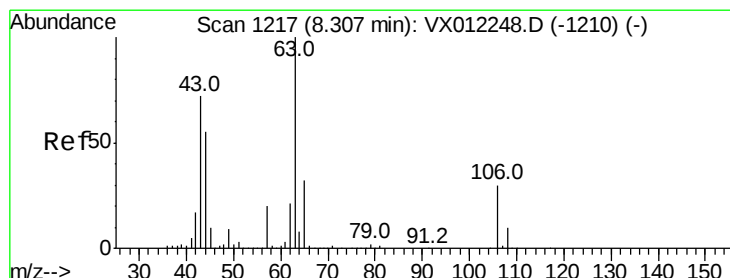
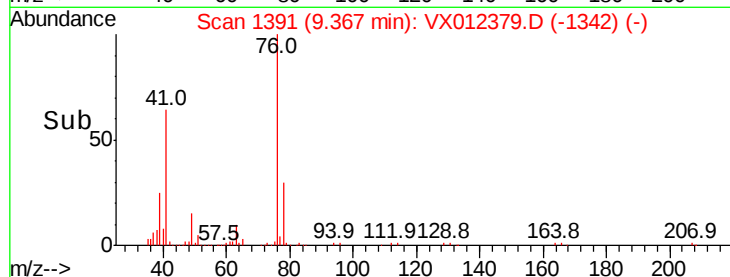
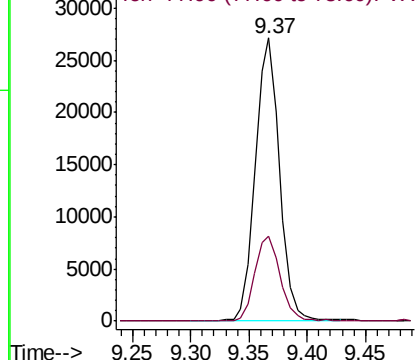
Ion Ratio Lower Upper

76 100

78 31.4 26.0 39.0



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: 71.154 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012379.D

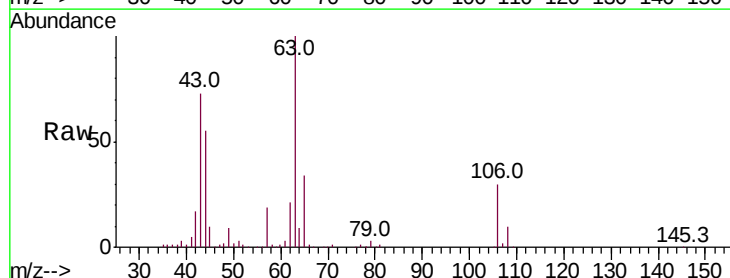
Acq: 13 Sep 2019 11:43

Tgt Ion: 63 Resp: 64881

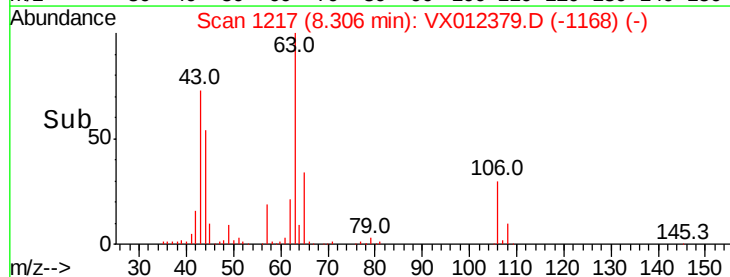
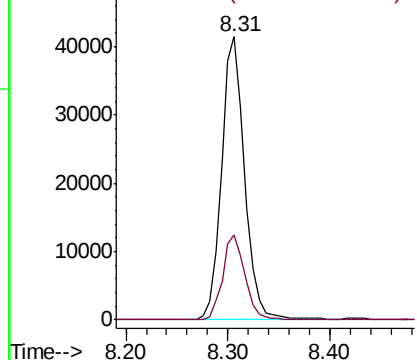
Ion Ratio Lower Upper

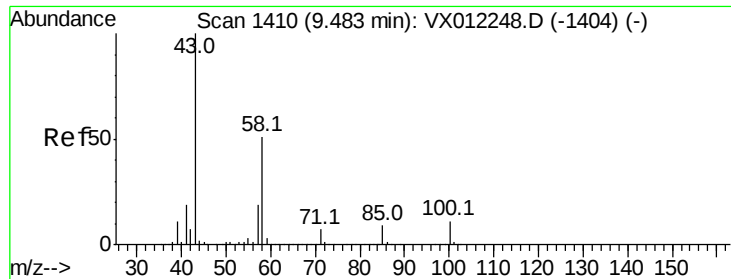
63 100

106 29.4 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

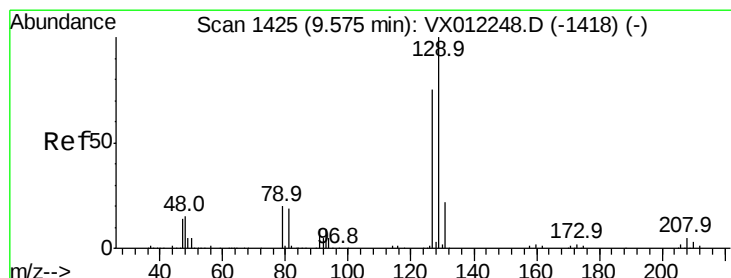
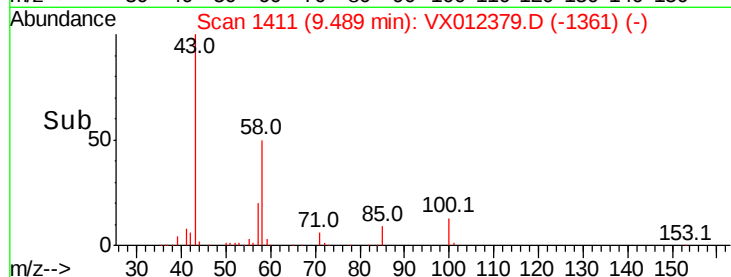
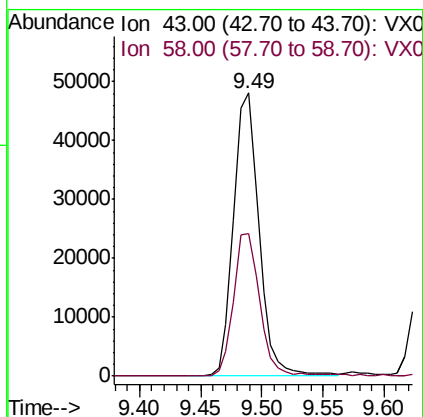
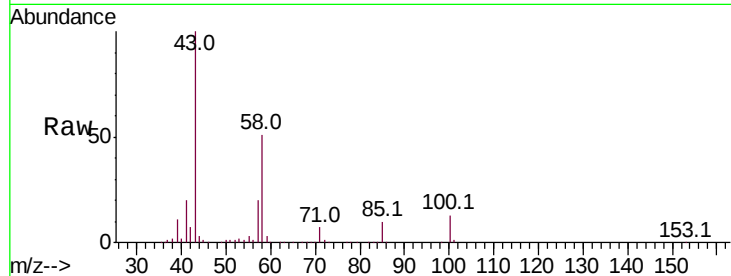




#59
2-Hexanone
Concen: 77.420 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

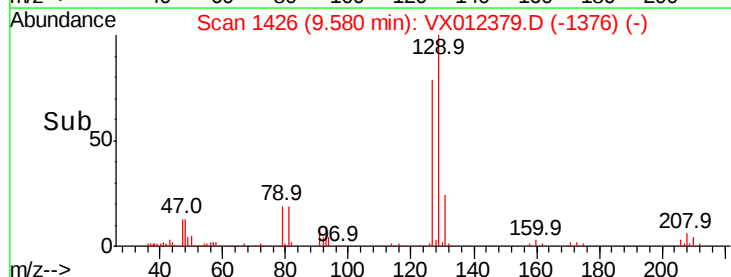
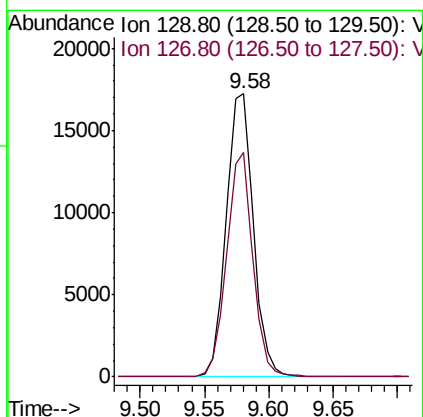
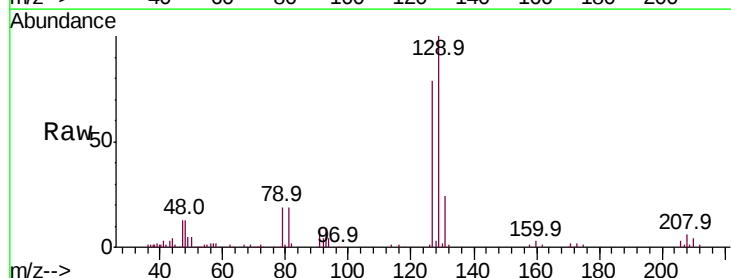
Instrument :
MSVOA_X
ClientSampled :

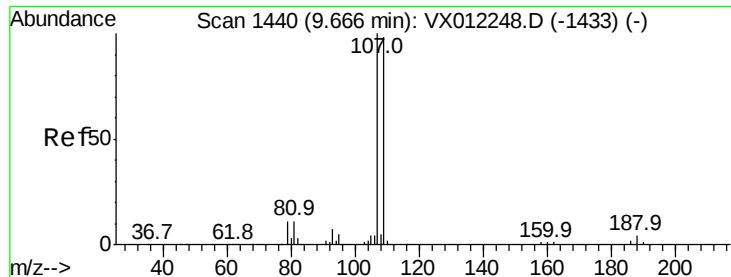
Tot Ion: 43 Resp: 68588
Ion Ratio Lower Upper
43 100
58 52.8 25.8 77.3



#60
Dibromochloromethane
Concen: 16.725 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion: 129 Resp: 25656
Ion Ratio Lower Upper
129 100
127 76.1 38.1 114.3





#61

1,2-Dibromoethane

Concen: 16.922 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

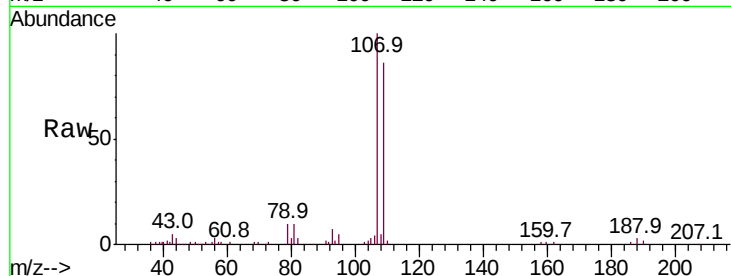
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 20697

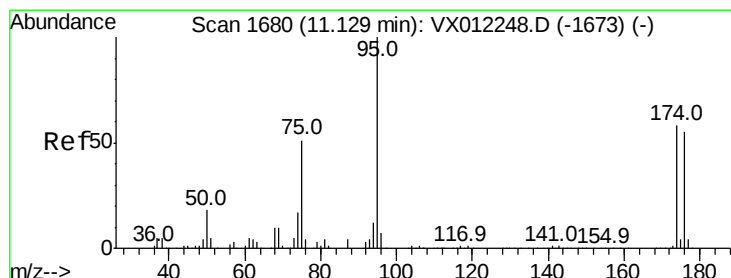
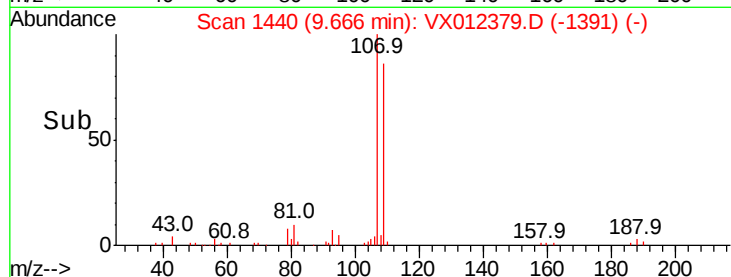
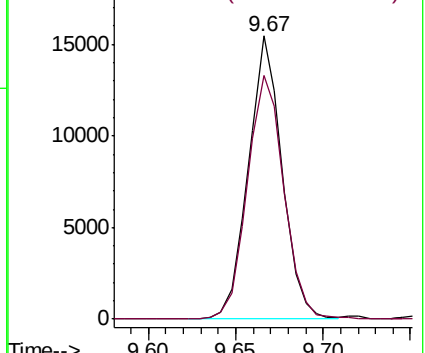
Ion Ratio Lower Upper

107 100

109 93.4 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 42.889 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

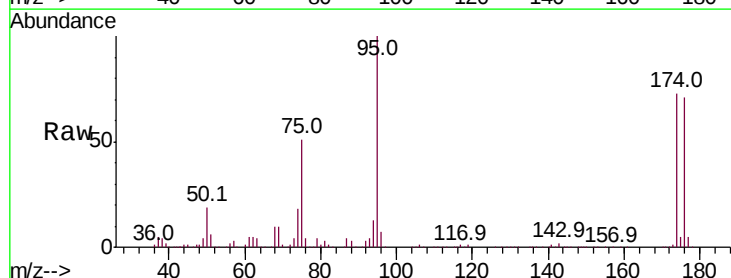
Tgt Ion: 95 Resp: 113569

Ion Ratio Lower Upper

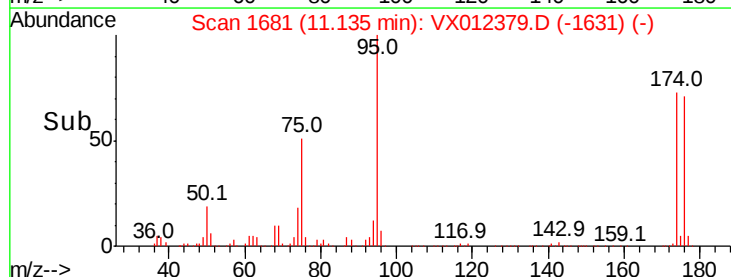
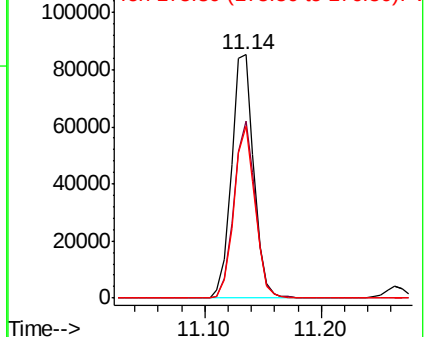
95 100

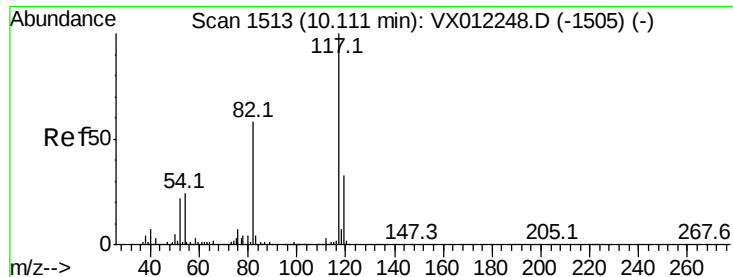
174 69.8 0.0 127.0

176 67.0 0.0 125.8



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

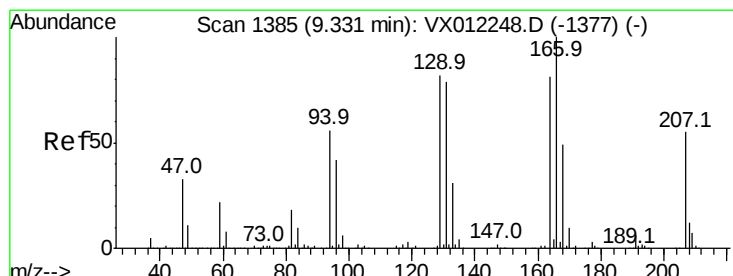
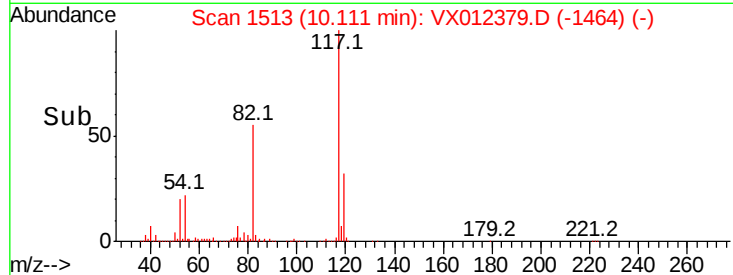
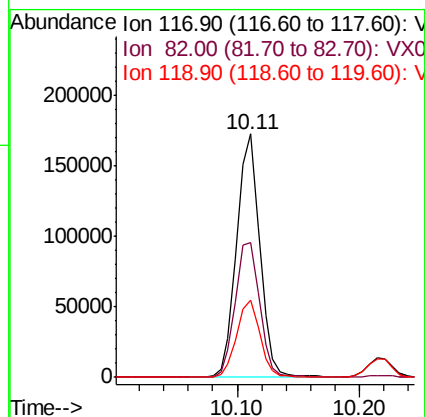
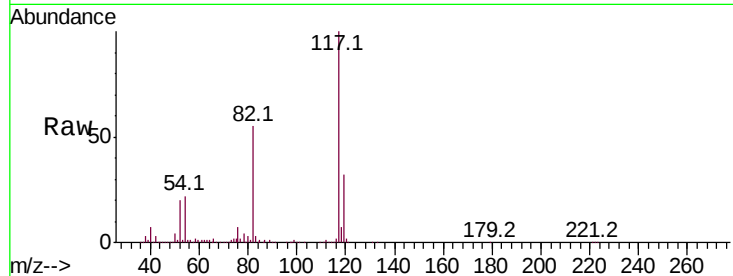




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

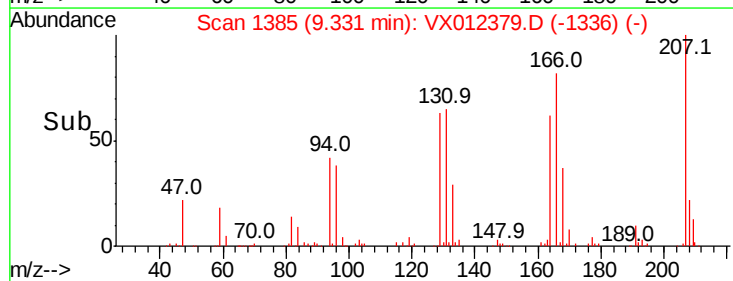
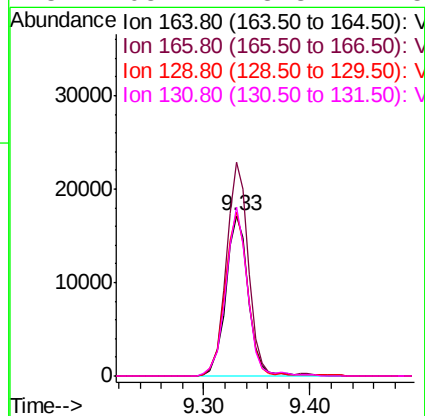
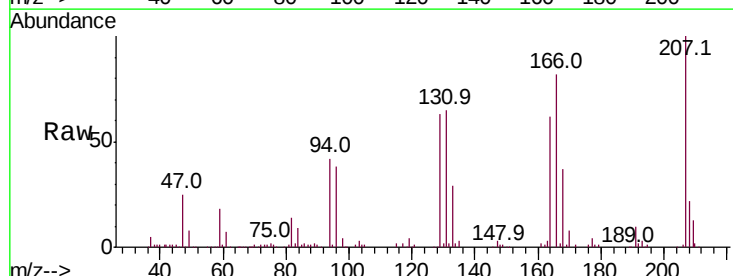
Instrument :
MSVOA_X
ClientSampleId :

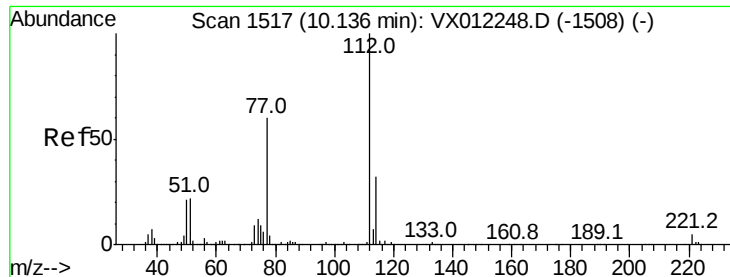
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	46.4	69.6
119	31.9	26.6	39.8



#64
Tetrachloroethene
Concen: 21.275 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.4	99.4	149.0
129	102.5	81.8	122.8
131	105.4	78.3	117.5





#65

Chlorobenzene

Concen: 20.019 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

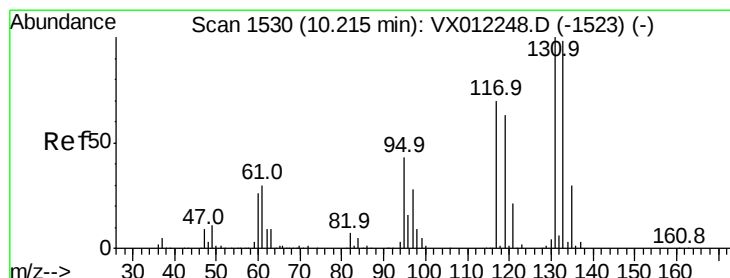
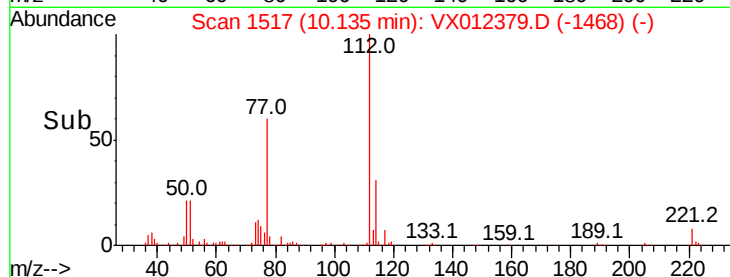
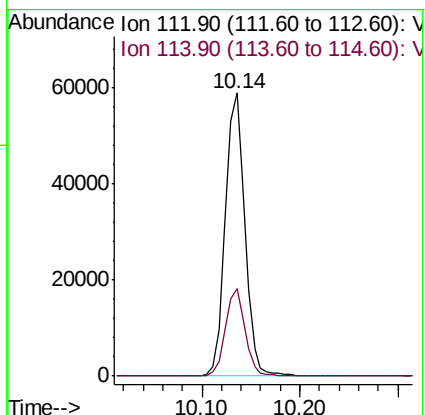
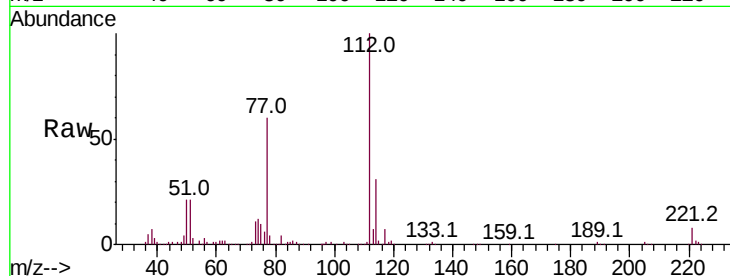
ClientSampleId :

Tot Ion:112 Resp: 82539

Ion Ratio Lower Upper

112 100

114 30.8 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 19.280 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

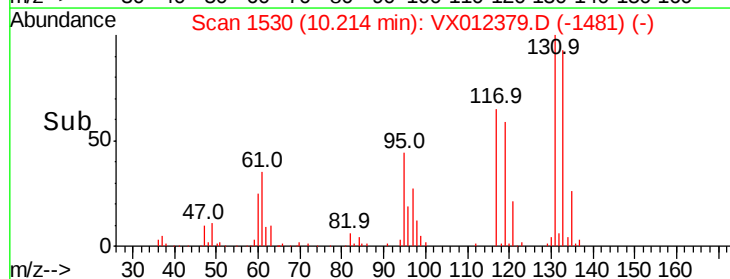
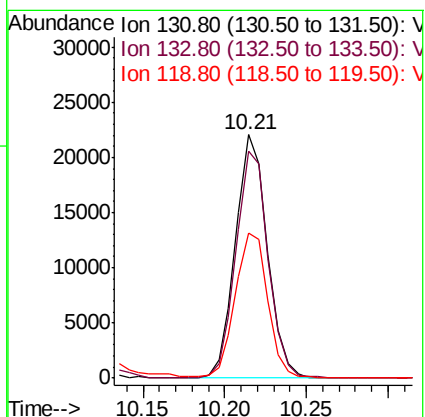
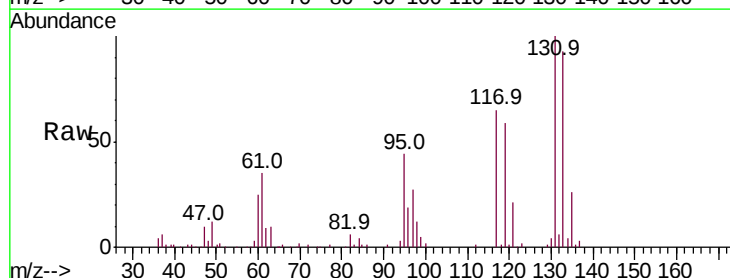
Tgt Ion:131 Resp: 29965

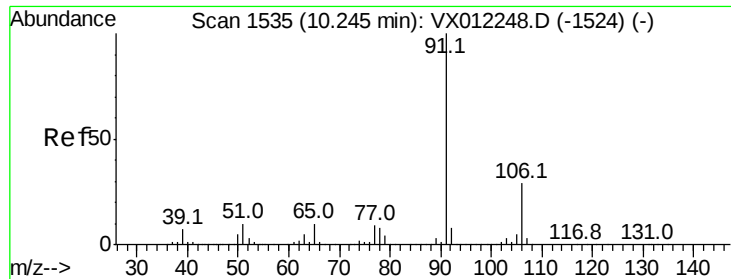
Ion Ratio Lower Upper

131 100

133 94.5 48.0 144.2

119 61.2 31.6 95.0





#67

Ethyl Benzene

Concen: 20.145 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

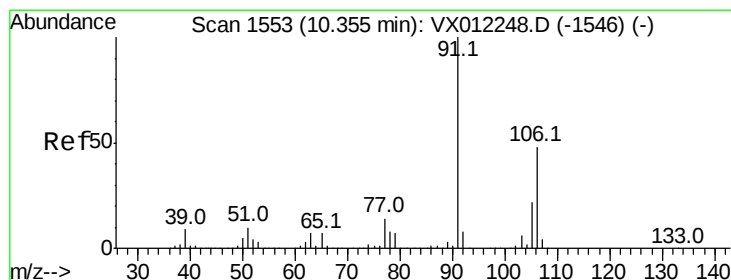
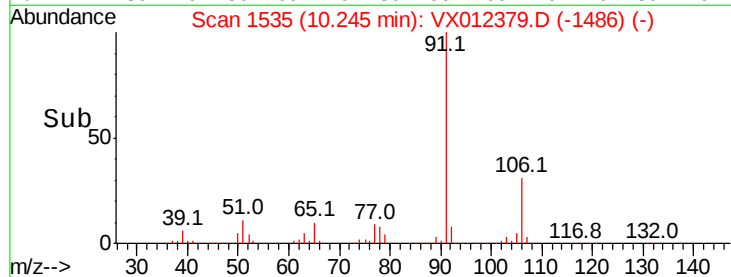
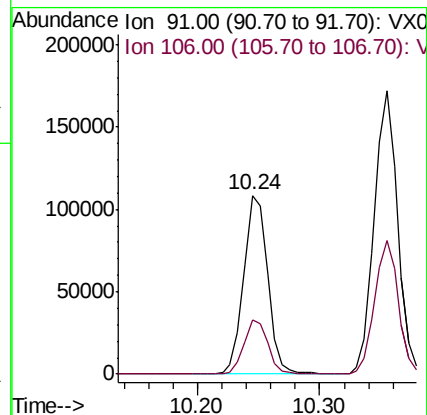
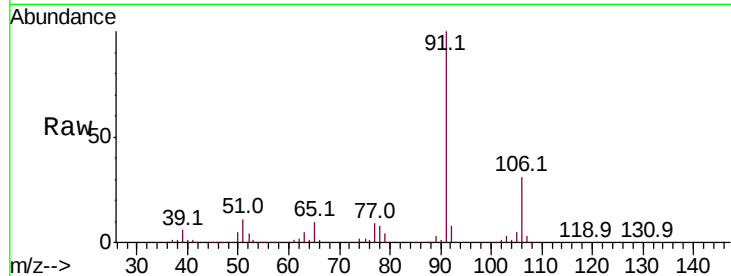
ClientSampleId :

Tot Ion: 91 Resp: 147721

Ion Ratio Lower Upper

91 100

106 30.7 23.1 34.7



#68

m/p-Xylenes

Concen: 40.768 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012379.D

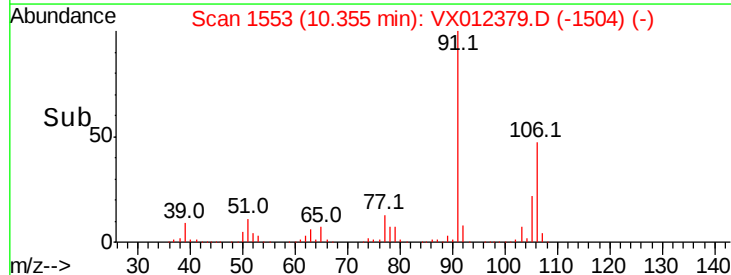
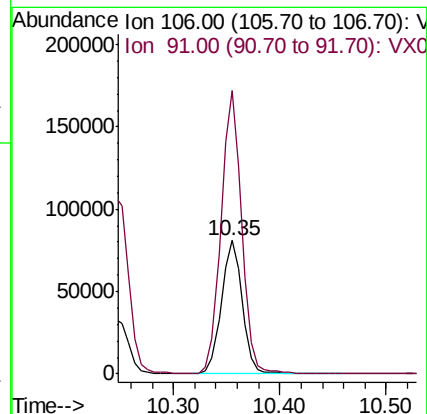
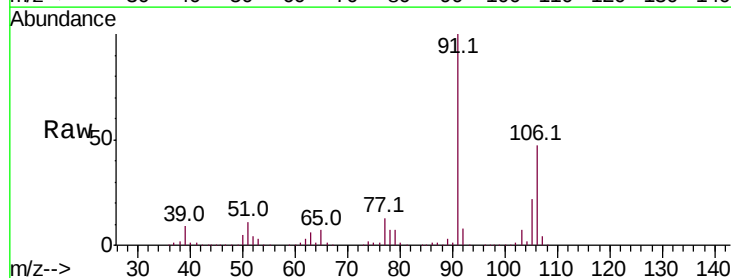
Acq: 13 Sep 2019 11:43

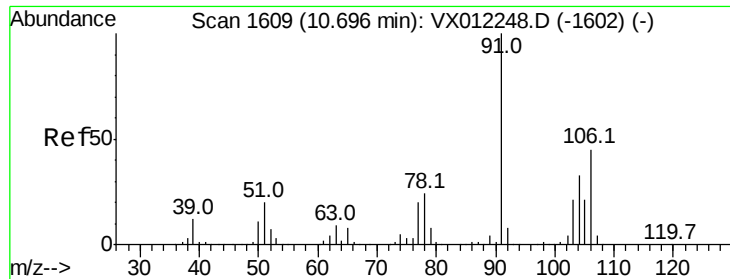
Tgt Ion:106 Resp: 110047

Ion Ratio Lower Upper

106 100

91 209.4 167.0 250.6

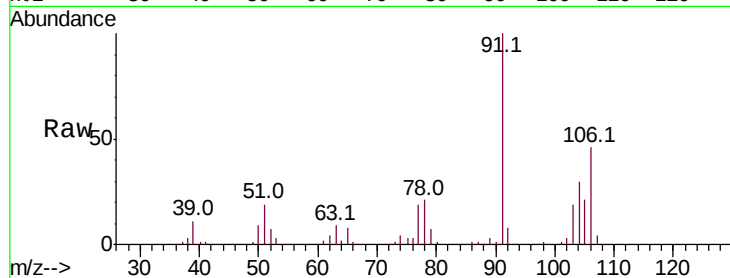




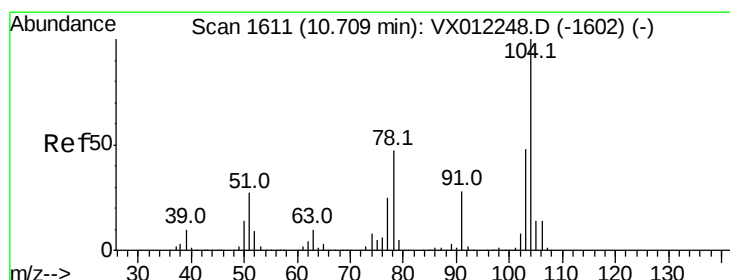
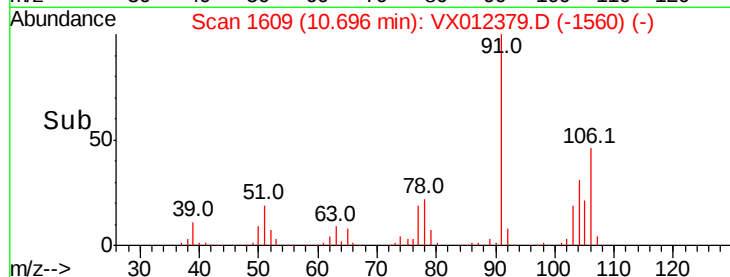
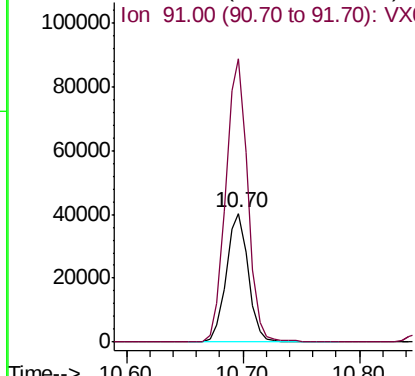
#69
o-Xylene
Concen: 19.908 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 52643
Ion Ratio Lower Upper
106 100
91 219.5 110.5 331.4

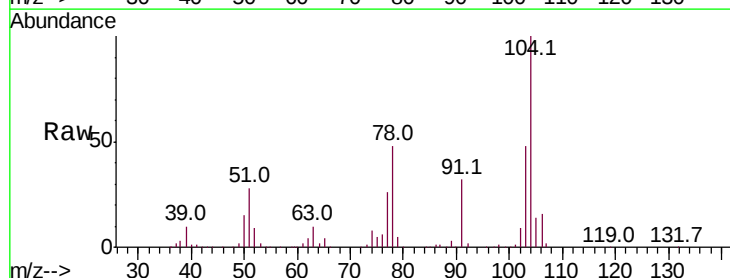


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

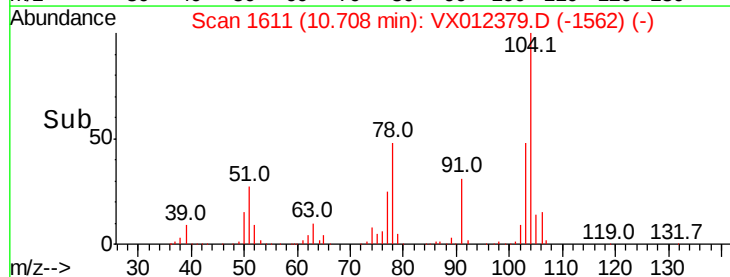
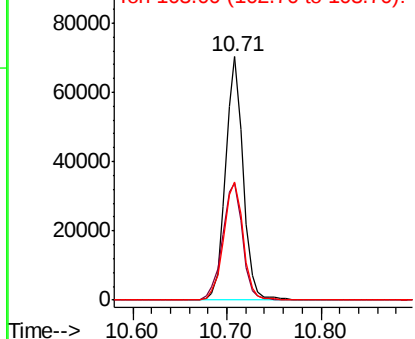


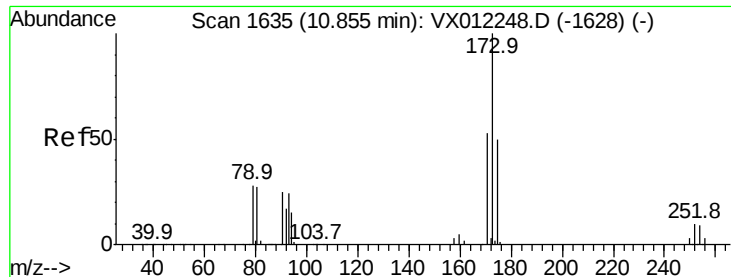
#70
Styrene
Concen: 19.305 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion:104 Resp: 90534
Ion Ratio Lower Upper
104 100
78 55.0 44.2 66.2
103 54.2 42.5 63.7



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





#71

Bromoform

Concen: 16.251 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

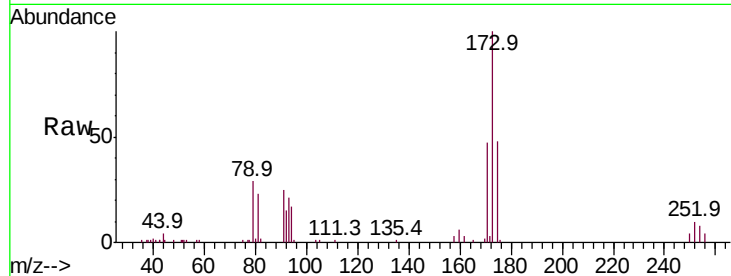
Tot Ion:173 Resp: 13097

Ion Ratio Lower Upper

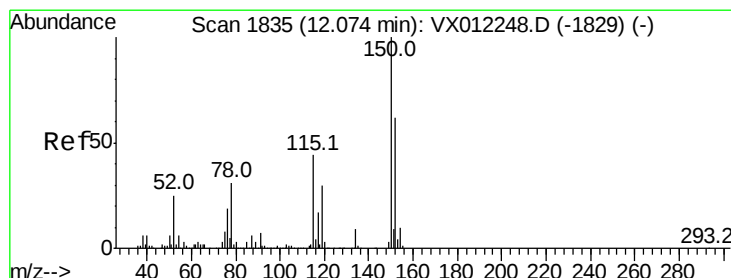
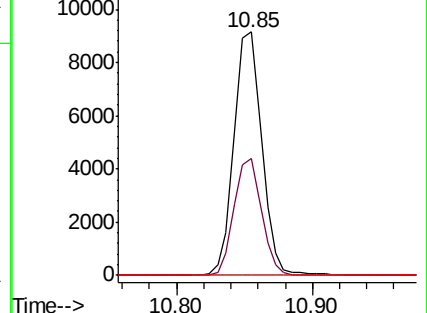
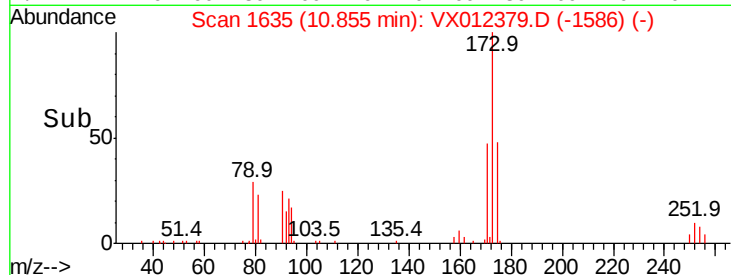
173 100

175 46.9 24.5 73.5

254 0.0 0.2 0.4#



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# 1835

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

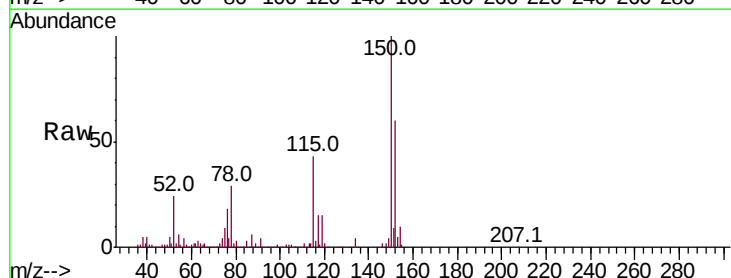
Tgt Ion:152 Resp: 112827

Ion Ratio Lower Upper

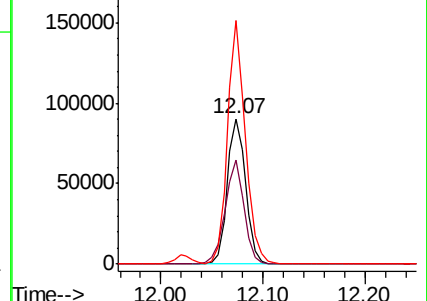
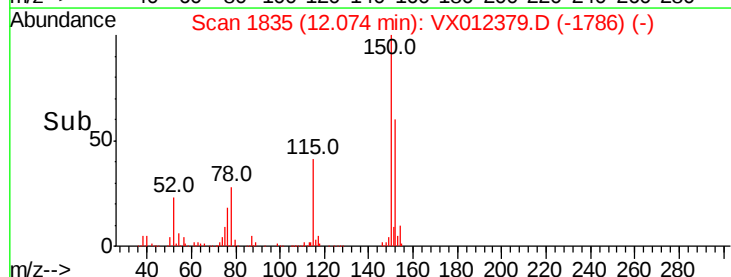
152 100

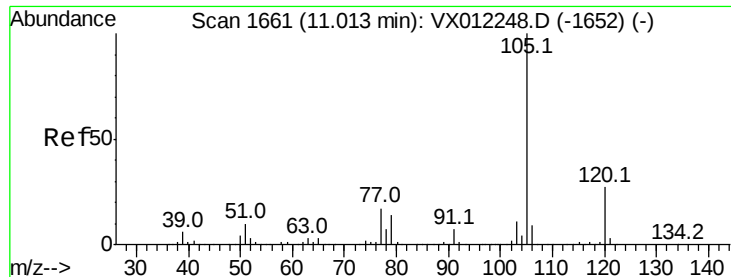
115 74.4 45.5 136.4

150 162.3 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.276 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

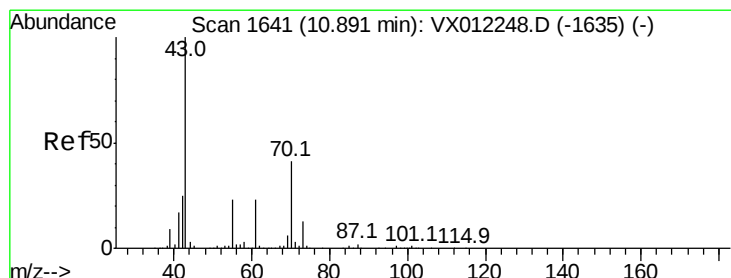
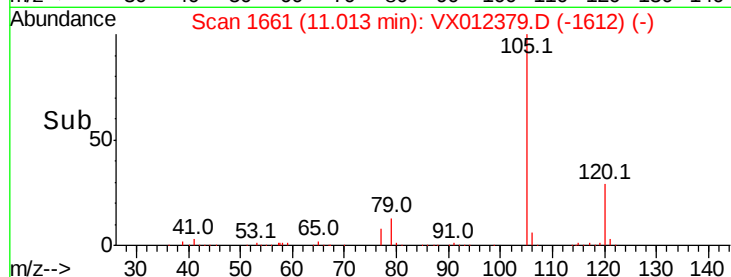
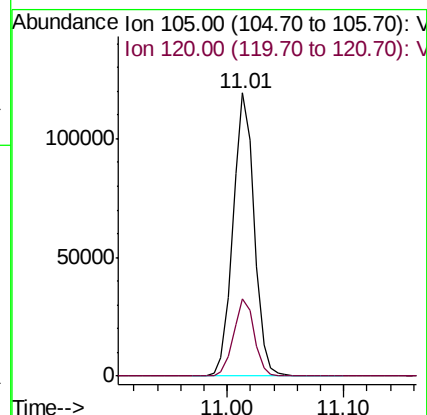
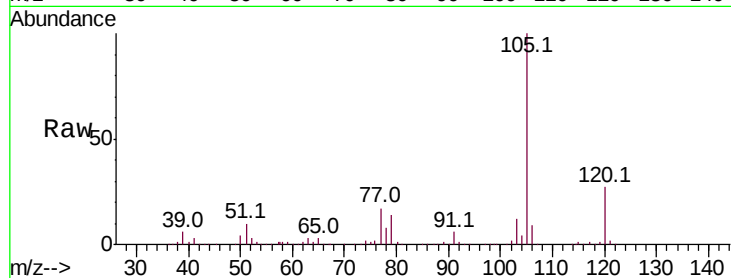
ClientSampled :

Tot Ion:105 Resp: 150604

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



#74

N-ethyl acetate

Concen: 15.725 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Tgt Ion: 43 Resp: 34729

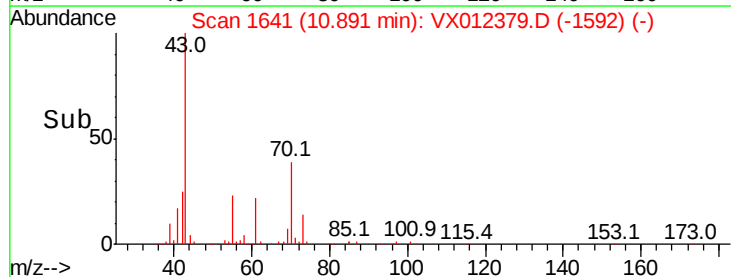
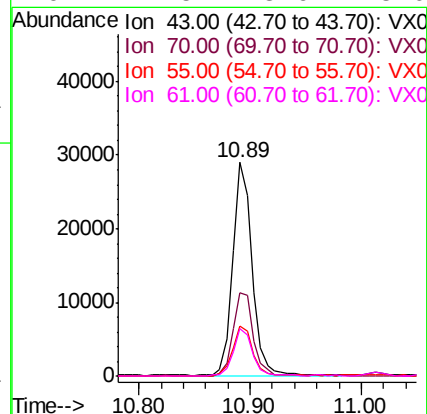
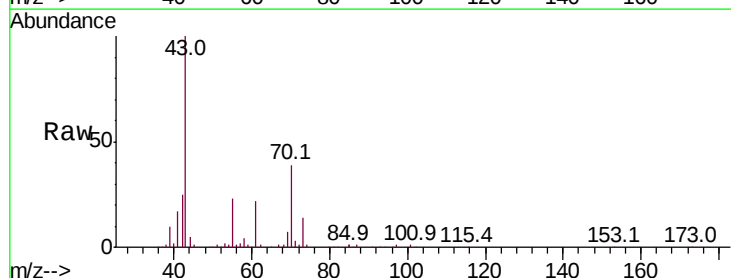
Ion Ratio Lower Upper

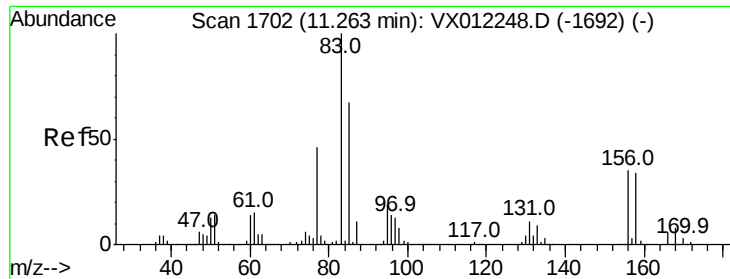
43 100

70 40.8 32.9 49.3

55 24.9 19.1 28.7

61 22.5 18.6 28.0

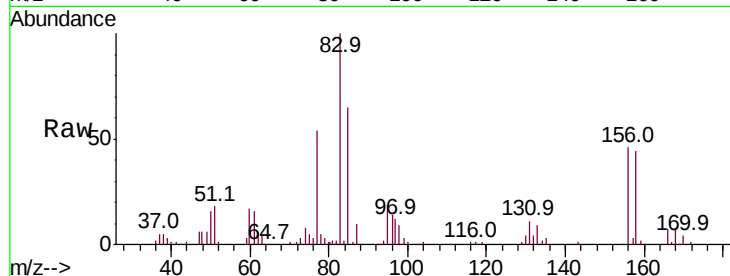




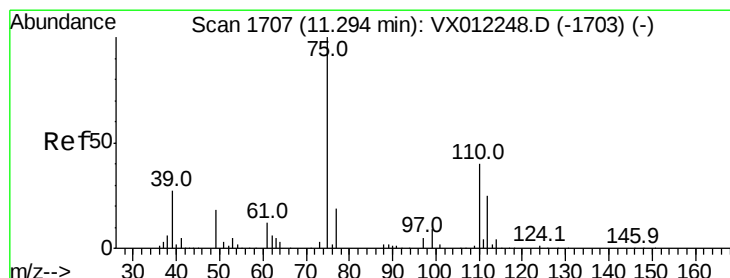
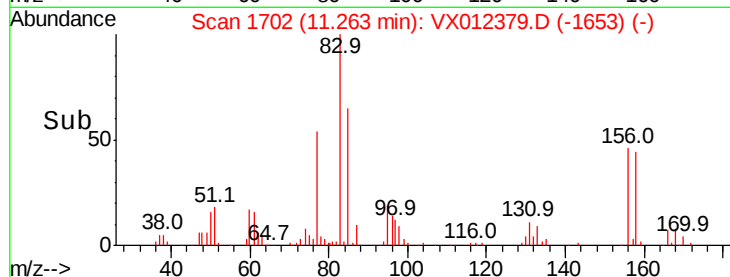
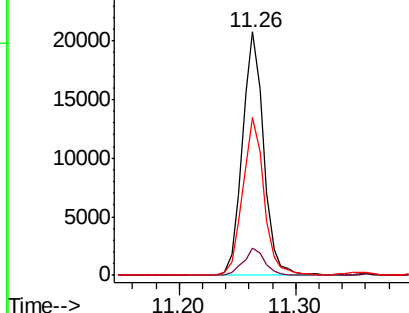
#75
 1,1,2,2-Tetrachloroethane
 Concen: 16.603 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 83 Resp: 26485
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.5 16.4
 85 65.5 32.8 98.4

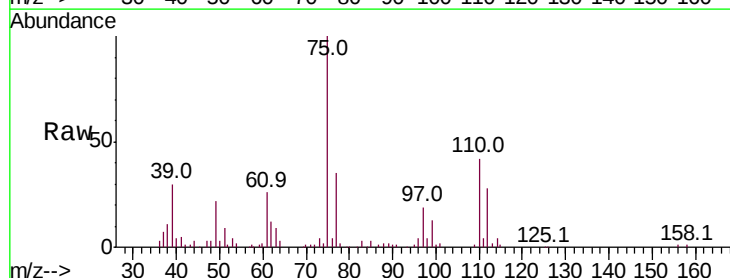


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VX0

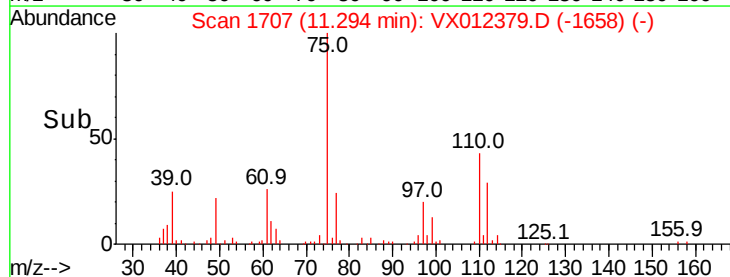
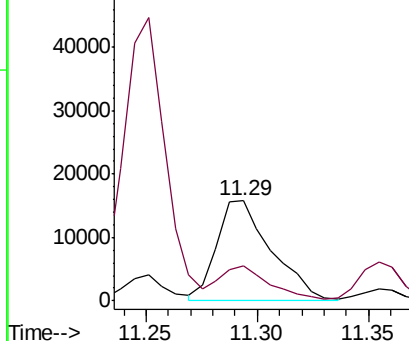


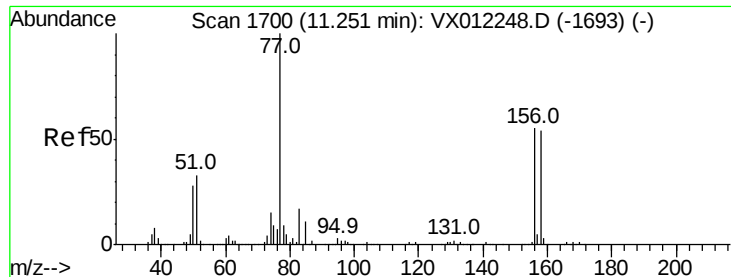
#76
 1,2,3-Trichloropropane
 Concen: 18.516 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion: 75 Resp: 26837
 Ion Ratio Lower Upper
 75 100
 77 32.8 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.458 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampled :

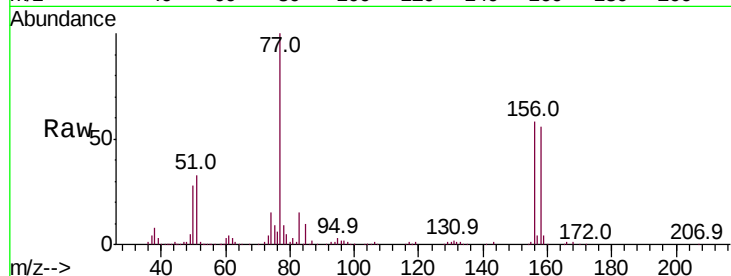
Tot Ion:156 Resp: 33275

Ion Ratio Lower Upper

156 100

77 174.8 92.2 276.6

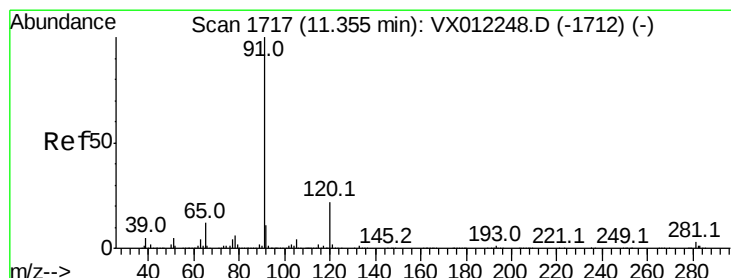
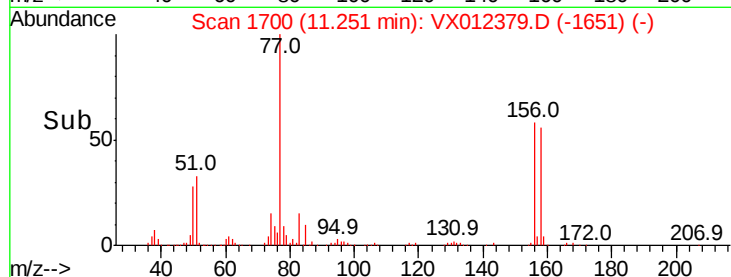
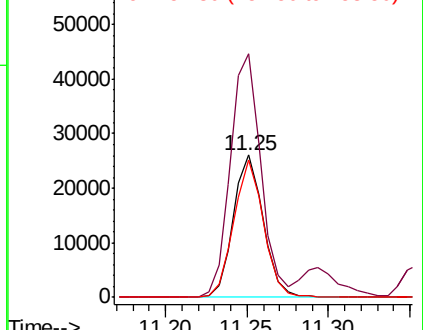
158 96.4 48.8 146.3



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: 19.697 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012379.D

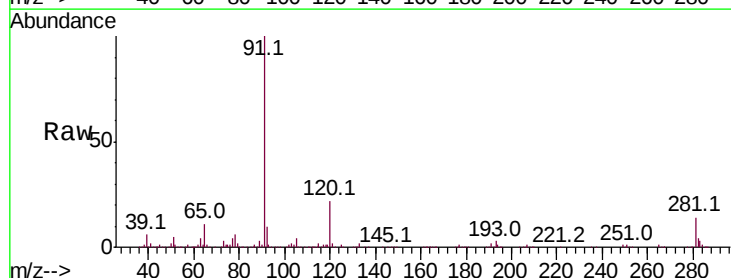
Acq: 13 Sep 2019 11:43

Tgt Ion: 91 Resp: 176680

Ion Ratio Lower Upper

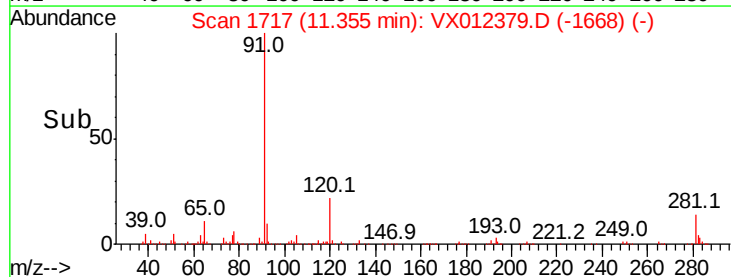
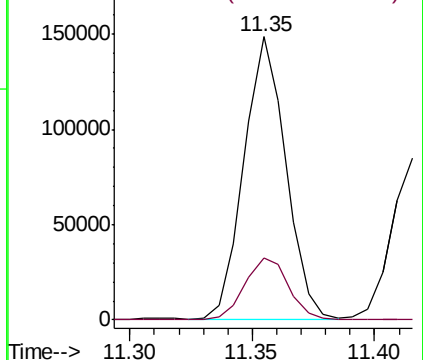
91 100

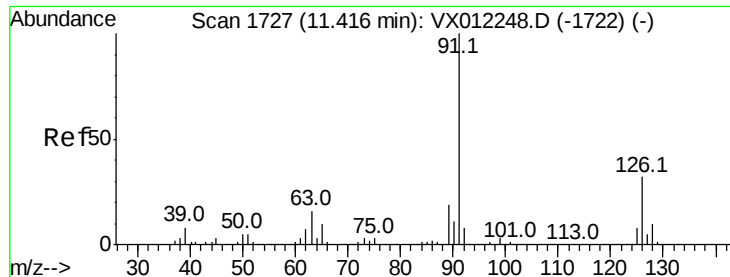
120 23.0 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

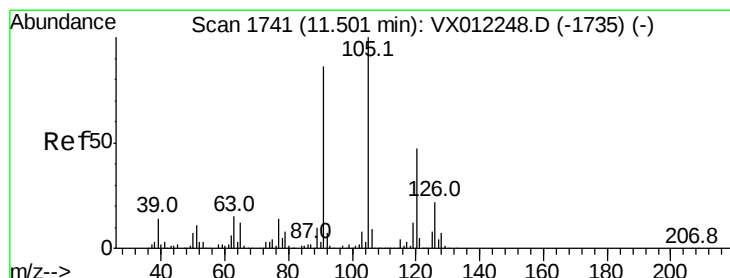
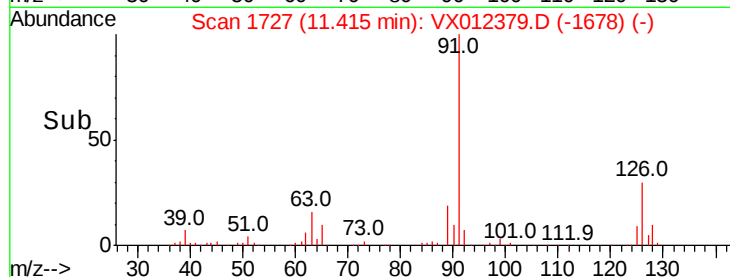
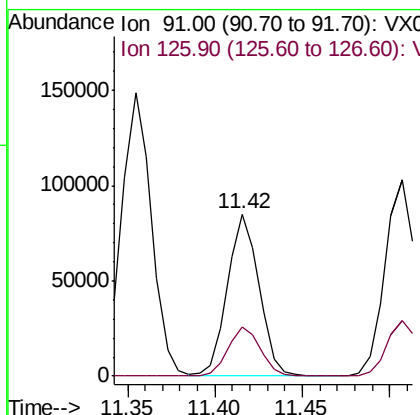
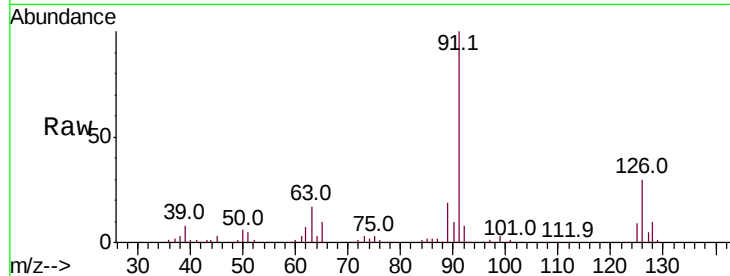




#79
 2-Chlorotoluene
 Concen: 19.154 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

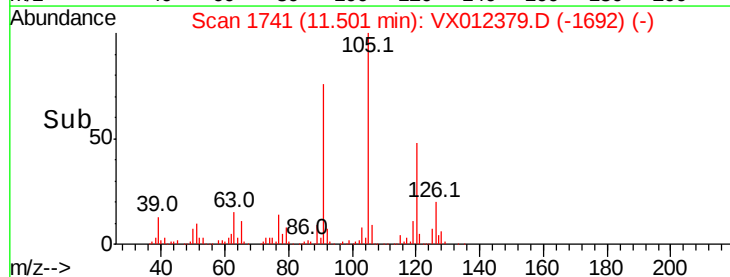
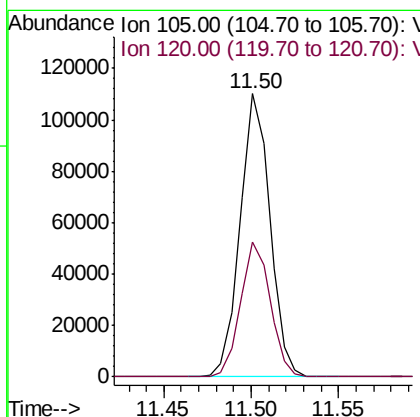
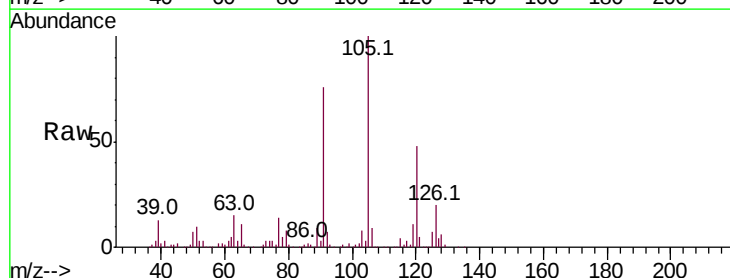
Instrument :
 MSVOA_X
 ClientSampleId :

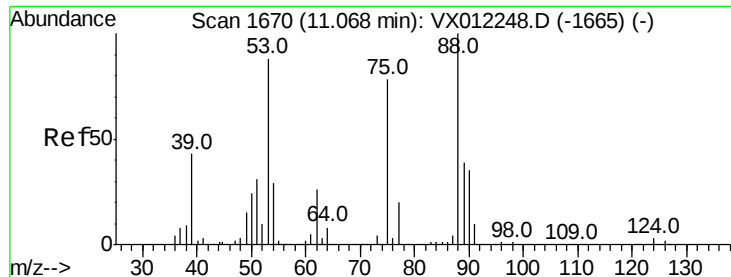
Tot Ion: 91 Resp: 106443
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.653 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion:105 Resp: 131274
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 13.238 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

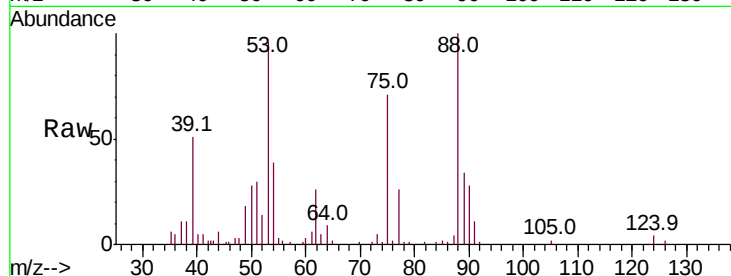
Tot Ion: 75 Resp: 6404

Ion Ratio Lower Upper

75 100

53 127.4 88.1 132.1

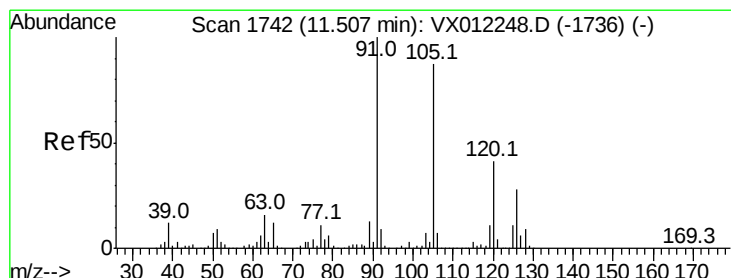
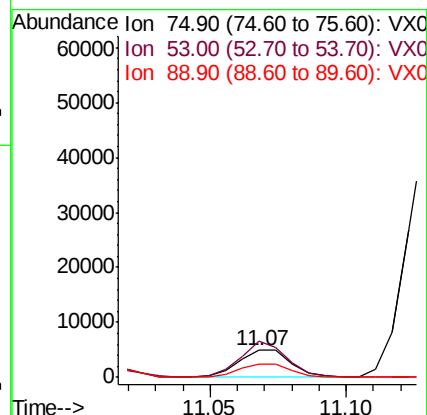
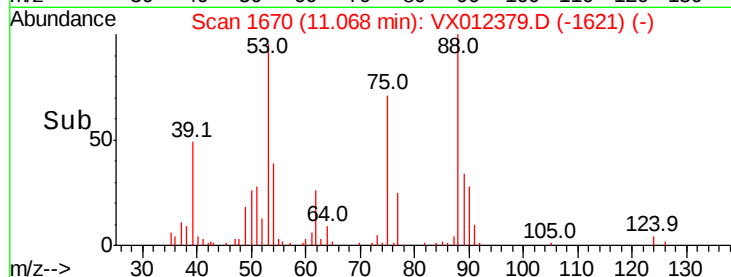
89 48.4 43.5 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.134 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012379.D

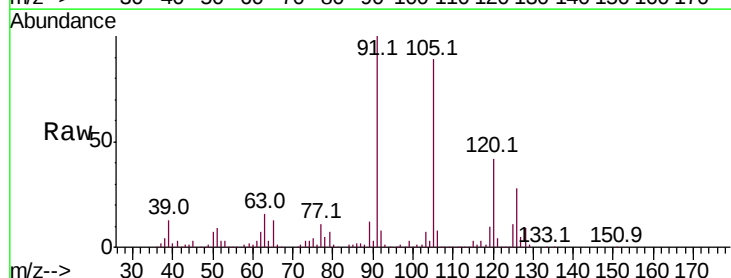
Acq: 13 Sep 2019 11:43

Tgt Ion: 91 Resp: 127790

Ion Ratio Lower Upper

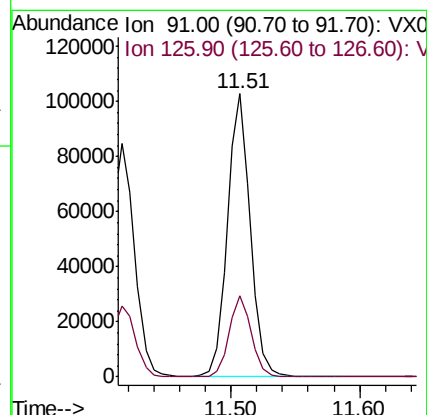
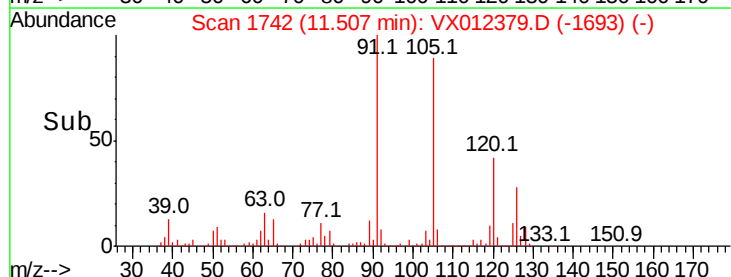
91 100

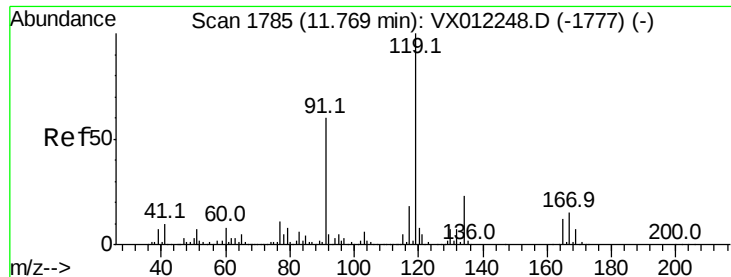
126 28.1 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

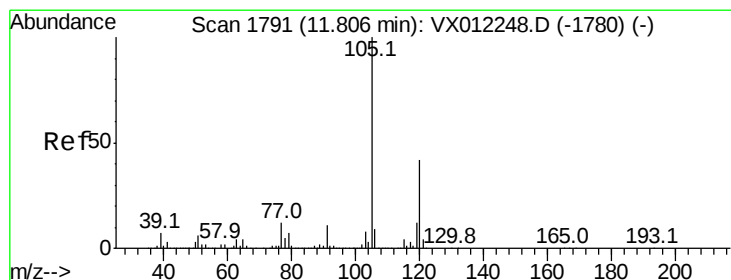
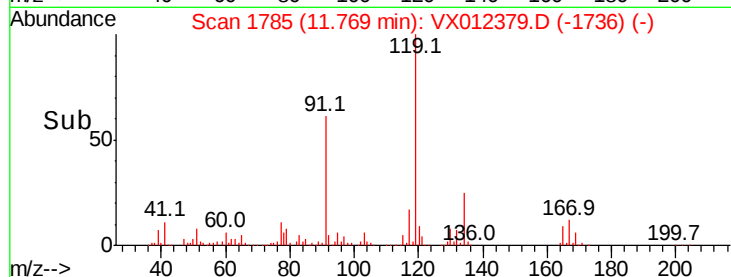
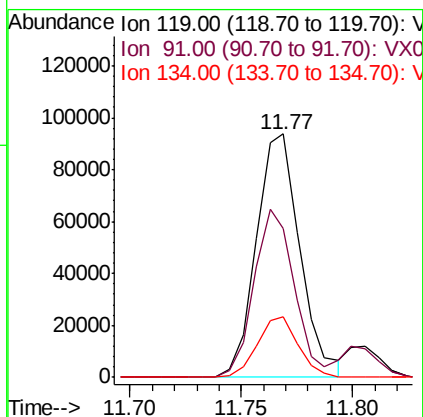
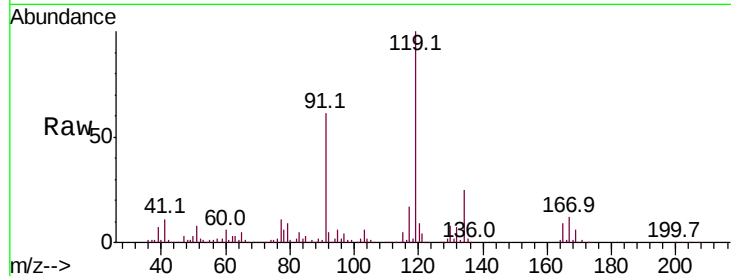




#83
tert-Butylbenzene
Concen: 19.716 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

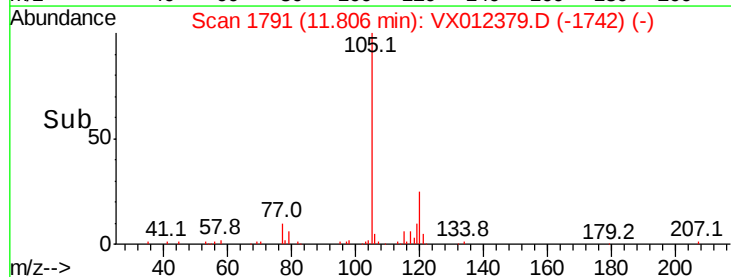
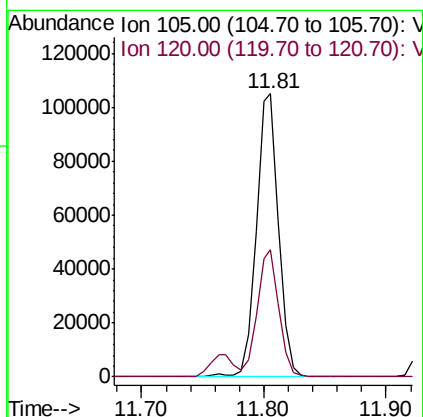
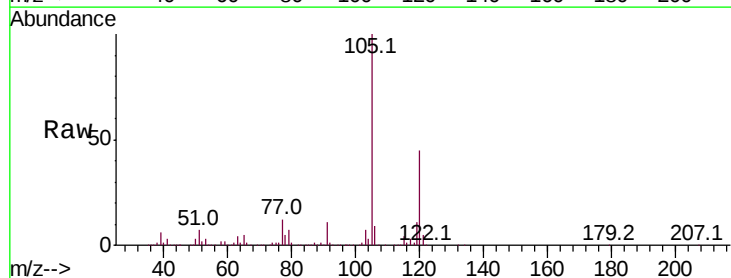
Instrument :
MSVOA_X
ClientSampleId :

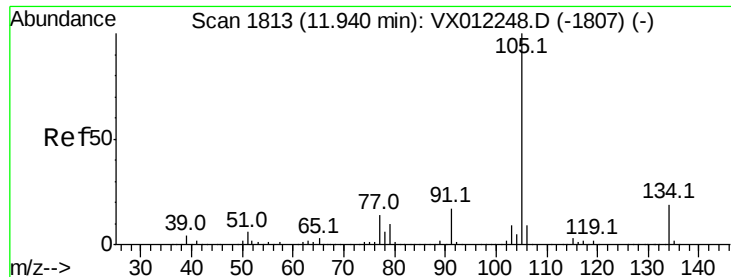
Tot Ion:119 Resp: 127881
Ion Ratio Lower Upper
119 100
91 63.7 30.9 92.8
134 23.3 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 19.302 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion:105 Resp: 133283
Ion Ratio Lower Upper
105 100
120 43.4 21.3 63.9

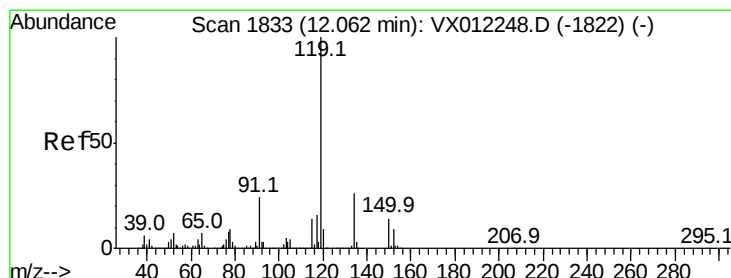
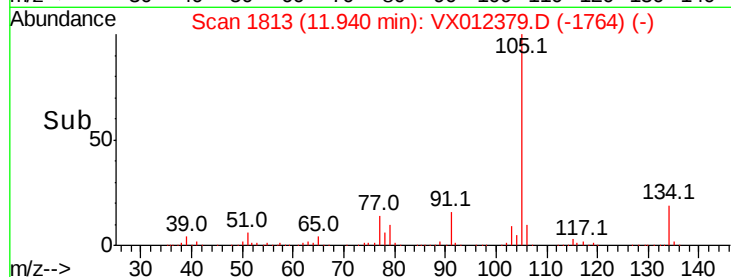
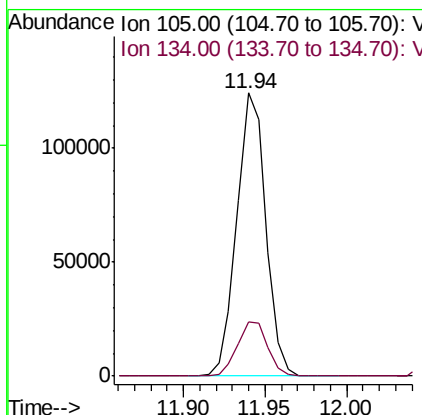
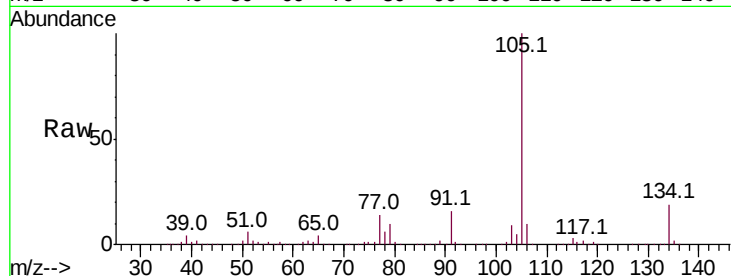




#85
 sec-Butylbenzene
 Concen: 19.896 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

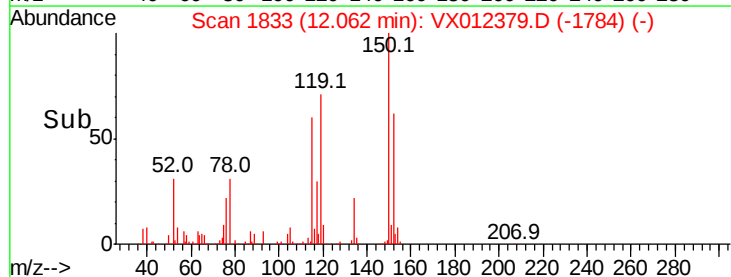
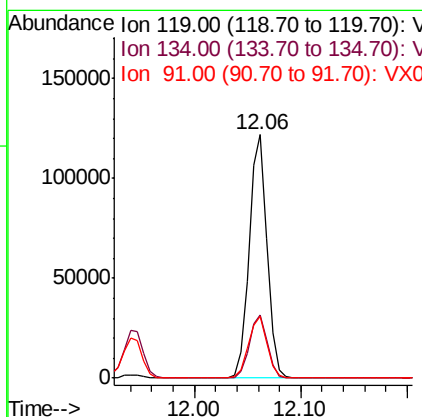
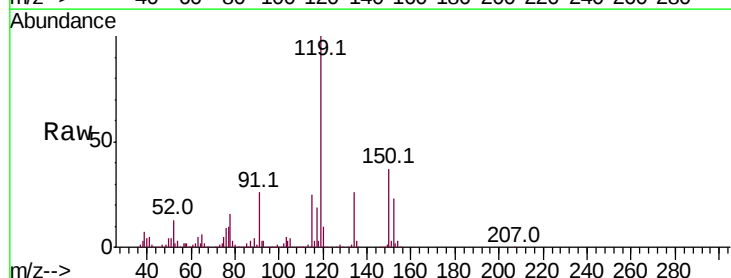
Instrument :
 MSVOA_X
 ClientSampled :

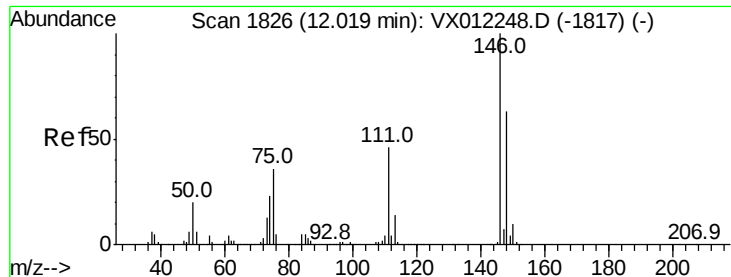
Tot Ion:105 Resp: 153974
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.034 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion:119 Resp: 143255
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 26.3 13.1 39.1





#87

1,3-Dichlorobenzene

Concen: 19.397 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

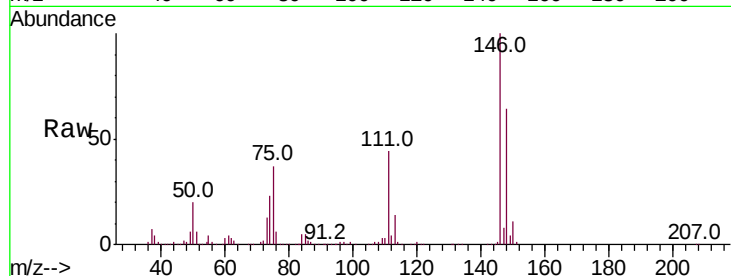
Tot Ion:146 Resp: 67573

Ion Ratio Lower Upper

146 100

111 44.0 22.3 66.8

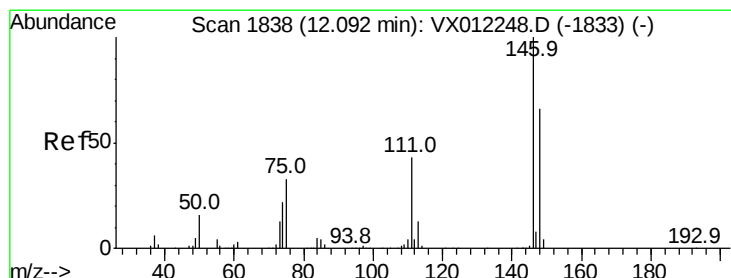
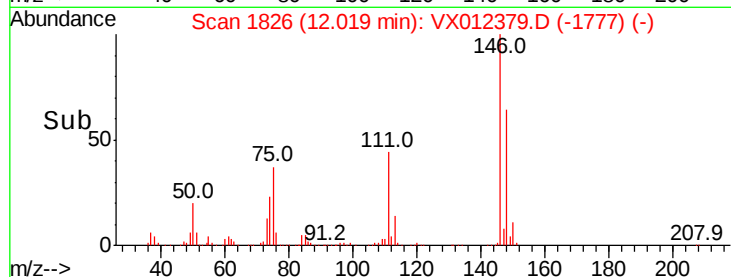
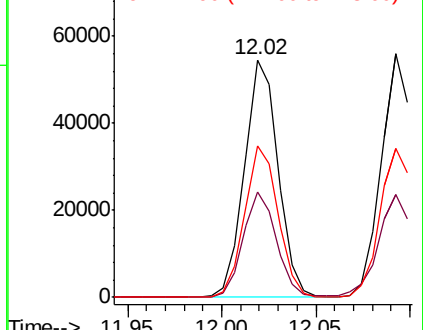
148 63.8 31.5 94.5



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



#88

1,4-Dichlorobenzene

Concen: 19.045 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

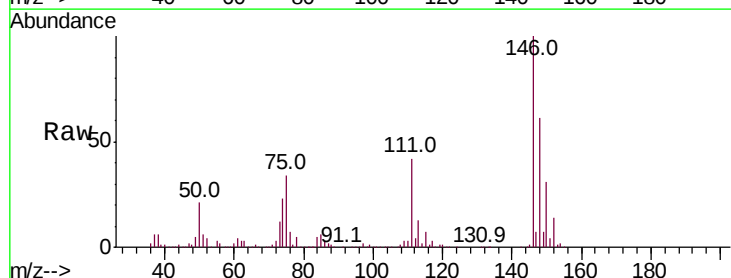
Tgt Ion:146 Resp: 67089

Ion Ratio Lower Upper

146 100

111 44.9 21.6 64.8

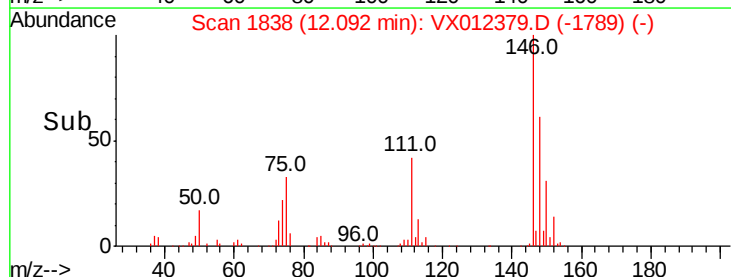
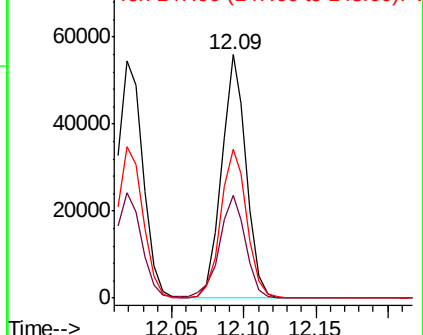
148 65.3 32.4 97.2

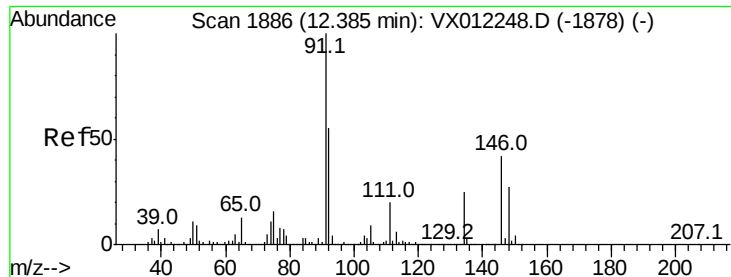


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.461 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

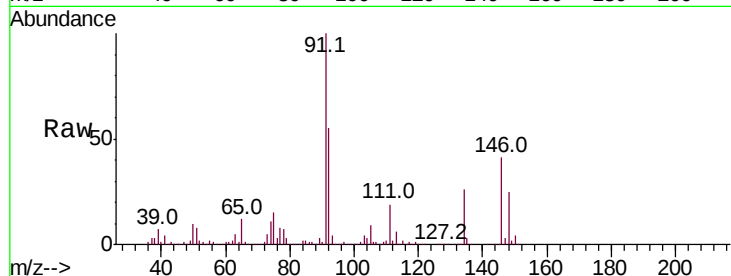
Tot Ion: 91 Resp: 136397

Ion Ratio Lower Upper

91 100

92 55.0 27.6 82.7

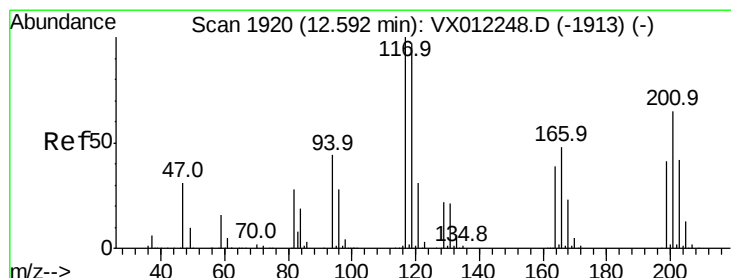
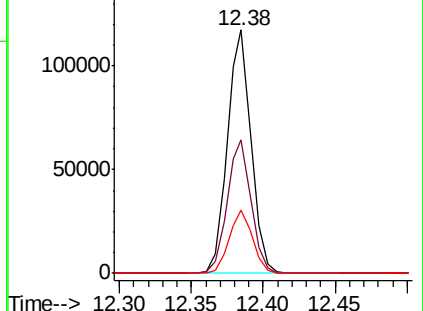
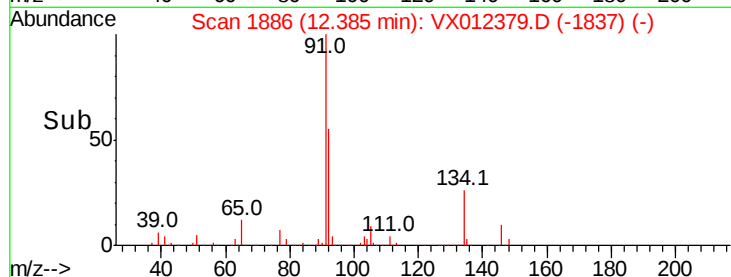
134 25.6 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX012248.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012248.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012248.D (-1878) (-)



#90

Hexachloroethane

Concen: 17.756 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012379.D

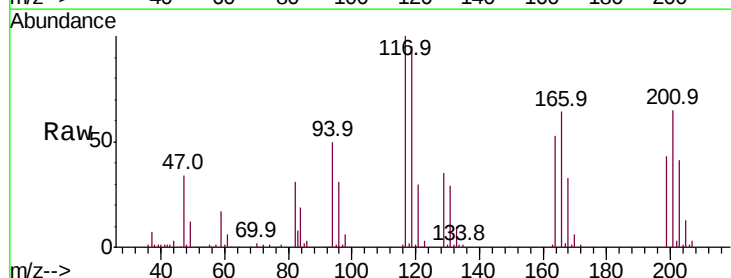
Acq: 13 Sep 2019 11:43

Tgt Ion: 117 Resp: 23387

Ion Ratio Lower Upper

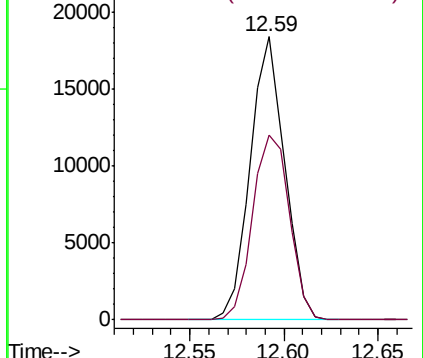
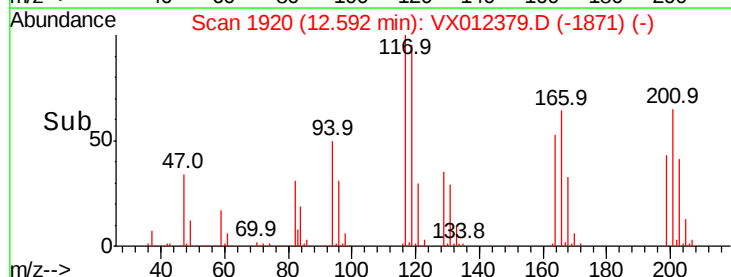
117 100

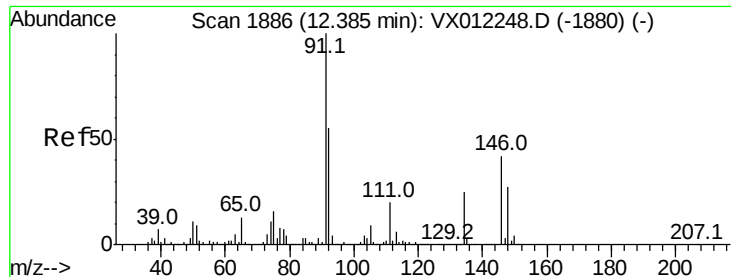
201 69.8 32.2 96.6



Abundance Ion 116.80 (116.50 to 117.50): VX012248.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012248.D (-1913) (-)





#91

1,2-Dichlorobenzene

Concen: 19.072 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

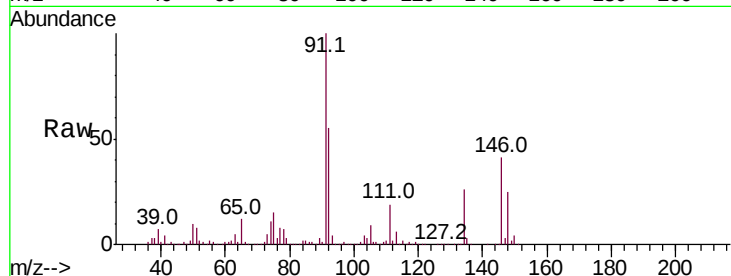
Tot Ion:146 Resp: 61459

Ion Ratio Lower Upper

146 100

111 45.9 23.2 69.6

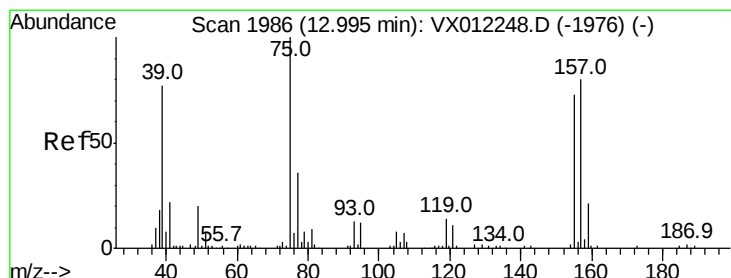
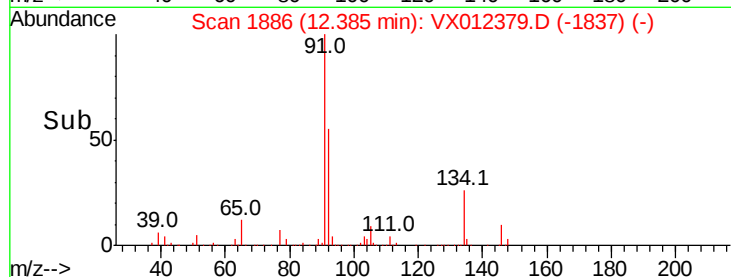
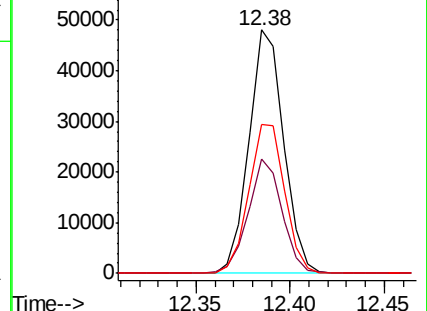
148 63.2 32.4 97.0



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: 14.794 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012379.D

Acq: 13 Sep 2019 11:43

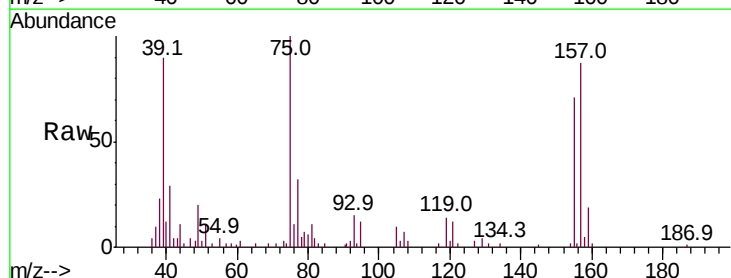
Tgt Ion: 75 Resp: 4817

Ion Ratio Lower Upper

75 100

155 69.6 35.3 105.7

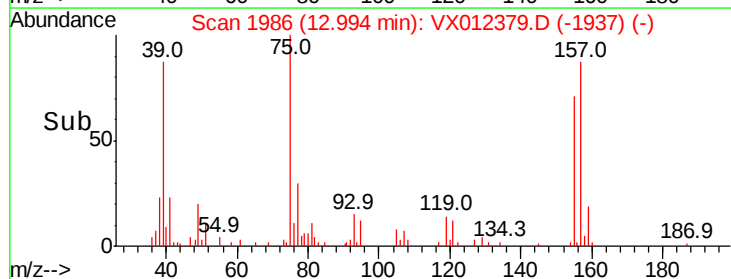
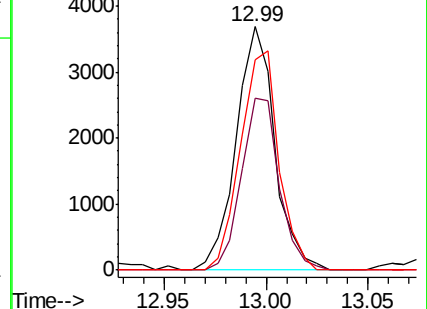
157 89.9 43.2 129.6

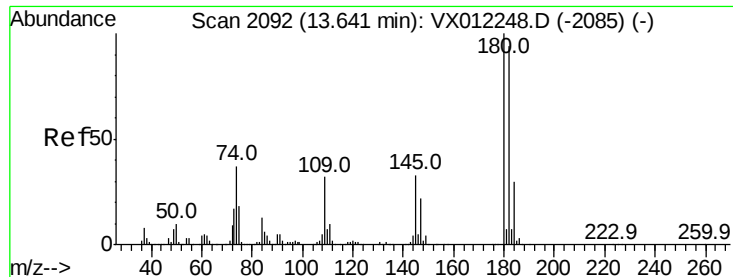


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

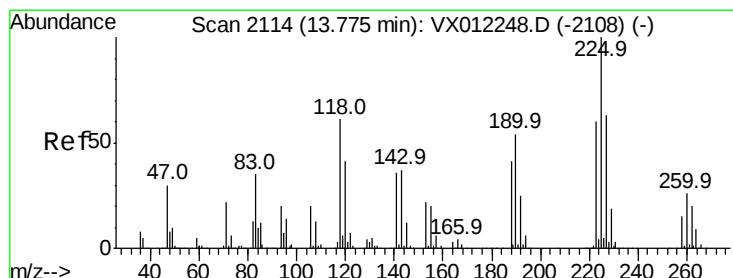
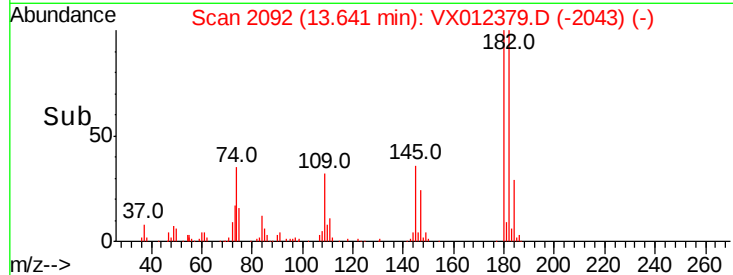
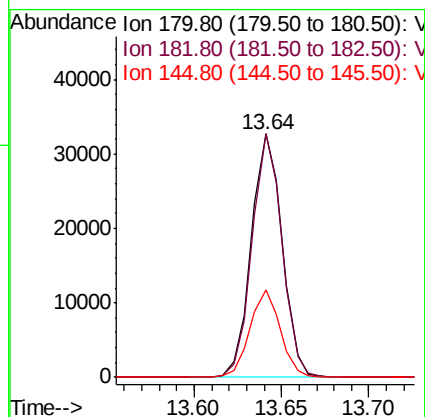
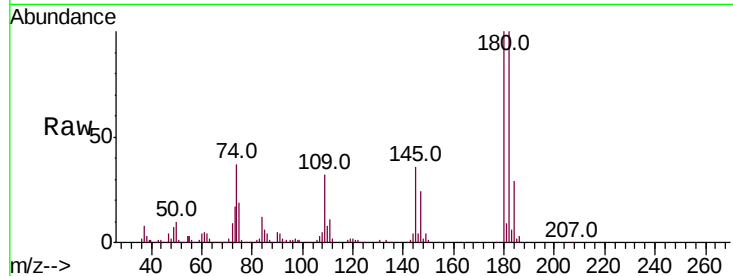




#93
 1,2,4-Trichlorobenzene
 Concen: 17.971 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

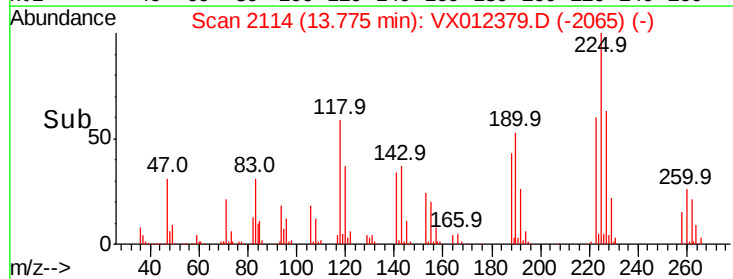
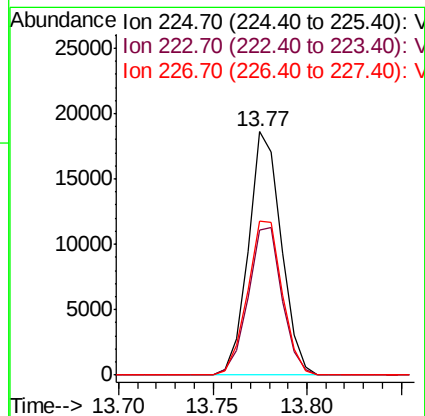
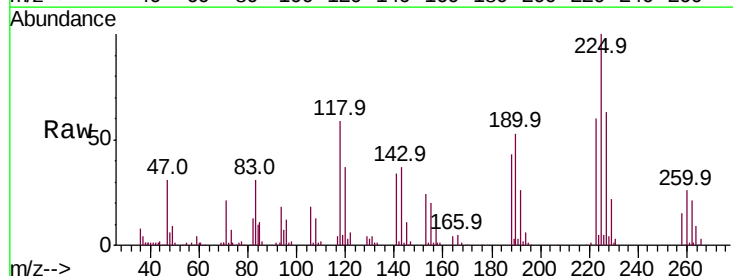
Instrument :
 MSVOA_X
 ClientSampleId :

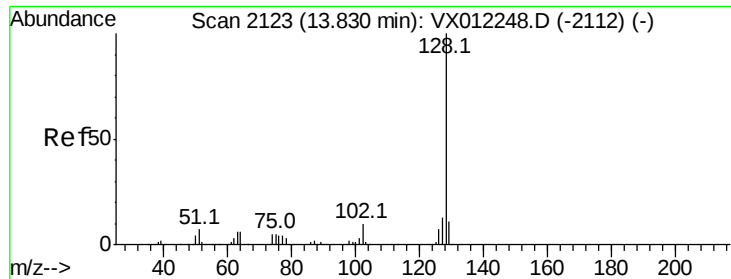
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	46.9	140.8
145	35.2	17.1	51.2



#94
 Hexachlorobutadiene
 Concen: 20.348 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX012379.D
 Acq: 13 Sep 2019 11:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.1	96.5
227	66.6	32.5	97.5

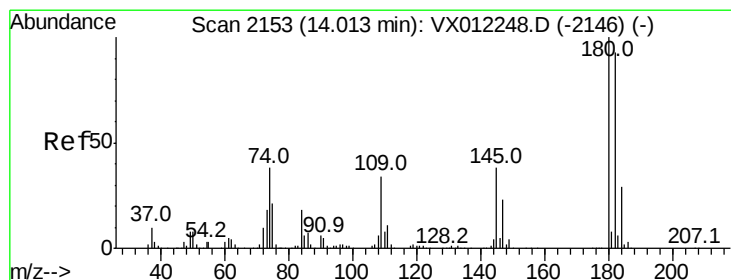
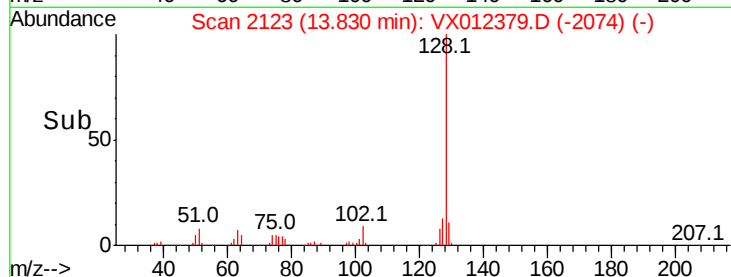
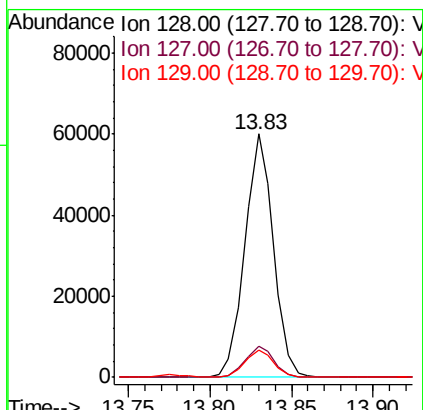
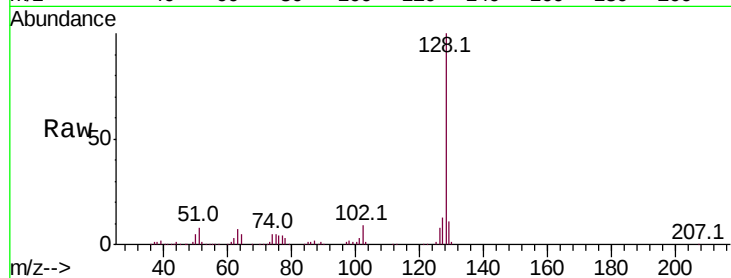




#95
Naphthalene
Concen: 15.306 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 73097
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.306 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012379.D
Acq: 13 Sep 2019 11:43

Tgt Ion:180 Resp: 36045
Ion Ratio Lower Upper
180 100
182 93.9 47.0 141.0
145 36.0 18.6 55.8

