

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091219\
 Data File : VX012341.D
 Acq On : 12 Sep 2019 11:17
 Operator : SY/SP
 Sample : VX0912SBS01
 Misc : 5.00µg/5.0mL/MSVOA X/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 12 12:55:04 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	5.64	168	135138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	234684	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	216210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	110115	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	91073	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
35) Dibromofluoromethane	5.48	113	72578	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
50) Toluene-d8	8.71	98	279157	52.91	ug/l	0.00
Spiked Amount			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	11.14	95	115783	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	23940	21.668	ug/l	99
3) Chloromethane	1.31	50	21634	21.723	ug/l	99
4) Vinyl Chloride	1.39	62	21163	21.431	ug/l	97
5) Bromomethane	1.62	94	10126	22.778	ug/l	97
6) Chloroethane	1.70	64	14070	21.308	ug/l	99
7) Trichlorofluoromethane	1.91	101	38943	21.790	ug/l	95
8) Diethyl Ether	2.17	74	12868	21.101	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	26811	22.259	ug/l	98
10) Methyl Iodide	2.50	142	17258	15.054	ug/l	98
11) Tert butyl alcohol	3.03	59	30409	146.049	ug/l #	94
12) 1,1-Dichloroethene	2.36	96	22905	22.399	ug/l	97
13) Acrolein	2.28	56	9038	90.493	ug/l	97
14) Allyl chloride	2.71	41	42242	20.262	ug/l	98
15) Acrylonitrile	3.13	53	39546	104.905	ug/l	98
16) Acetone	2.43	43	46078	101.877	ug/l	96
17) Carbon Disulfide	2.56	76	42934	19.994	ug/l	98
18) Methyl Acetate	2.76	43	19677	20.698	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	84146	20.837	ug/l	99
20) Methylene Chloride	2.84	84	32553	21.571	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	25511	20.910	ug/l	93
22) Diisopropyl ether	3.84	45	99283	20.823	ug/l	96
23) Vinyl Acetate	3.80	43	298062	101.890	ug/l	100
24) 1,1-Dichloroethane	3.68	63	54540	21.355	ug/l	99
25) 2-Butanone	4.66	43	57408	99.289	ug/l	92
26) 2,2-Dichloropropane	4.56	77	49941	20.828	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	33507	21.273	ug/l	99
28) Bromochloromethane	5.00	49	23784	19.857	ug/l	99
29) Tetrahydrofuran	5.12	42	31608	101.321	ug/l	97
30) Chloroform	5.20	83	60221	20.911	ug/l	96
31) Cyclohexane	5.56	56	37291	21.020	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	50815	20.549	ug/l	98
36) 1,1-Dichloropropene	5.79	75	37348	21.825	ug/l	98
37) Ethyl Acetate	4.82	43	22562	21.329	ug/l #	95
38) Carbon Tetrachloride	5.77	117	41636	20.738	ug/l	96

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 12 12:55:04 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)
39) Methylcyclohexane	7.45	83	40225	21.420	ug/l	98
40) Benzene	6.13	78	111082	21.448	ug/l	98
41) Methacrylonitrile	5.03	41	13875	21.276	ug/l	99
42) 1,2-Dichloroethane	6.18	62	43848	21.421	ug/l	99
43) Isopropyl Acetate	6.43	43	46171	20.702	ug/l	100
44) Trichloroethene	7.21	130	30765	21.949	ug/l	94
45) 1,2-Dichloropropane	7.51	63	30642	21.374	ug/l	98
46) Dibromomethane	7.65	93	17093	21.816	ug/l	99
47) Bromodichloromethane	7.89	83	42629	19.937	ug/l	96
48) Methyl methacrylate	7.76	41	21678	20.307	ug/l	98
49) 1,4-Dioxane	7.73	88	5677	394.105	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	119193	101.264	ug/l	99
52) Toluene	8.78	92	73547	21.499	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	43435	20.353	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	47867	20.227	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	26125	21.522	ug/l	96
56) Ethyl methacrylate	9.17	69	33410	20.328	ug/l	98
57) 1,3-Dichloropropane	9.37	76	45252	21.827	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	86262	102.405	ug/l	97
59) 2-Hexanone	9.49	43	86190	105.313	ug/l	99
60) Dibromochloromethane	9.57	129	28580	20.168	ug/l	99
61) 1,2-Dibromoethane	9.67	107	23998	21.239	ug/l	99
64) Tetrachloroethene	9.33	164	24894	21.771	ug/l	95
65) Chlorobenzene	10.14	112	85482	21.638	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	31594	21.215	ug/l	99
67) Ethyl Benzene	10.24	91	150207	21.378	ug/l	98
68) m/p-Xylenes	10.35	106	112063	43.326	ug/l	100
69) o-Xylene	10.70	106	54050	21.332	ug/l	100
70) Styrene	10.71	104	96314	21.434	ug/l	99
71) Bromoform	10.85	173	15212	19.698	ug/l #	98
73) Isopropylbenzene	11.01	105	152523	21.040	ug/l	99
74) N-amyl acetate	10.89	43	40831	18.943	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	32225	20.698	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	33551	23.718	ug/l	89
77) Bromobenzene	11.25	156	35274	21.135	ug/l	99
78) n-propylbenzene	11.35	91	178856	20.431	ug/l	100
79) 2-Chlorotoluene	11.42	91	110662	20.404	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	134993	20.707	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	8576	18.165	ug/l	95
82) 4-Chlorotoluene	11.51	91	136727	20.977	ug/l	100
83) tert-Butylbenzene	11.76	119	136286	21.530	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	139516	20.702	ug/l	98
85) sec-Butylbenzene	11.94	105	157632	20.870	ug/l	100
86) p-Isopropyltoluene	12.06	119	149074	21.361	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	73117	21.506	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	73149	21.277	ug/l	97
89) n-Butylbenzene	12.38	91	143645	21.000	ug/l	98
90) Hexachloroethane	12.59	117	24658	19.182	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	66771	21.231	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	5831	18.349	ug/l	97

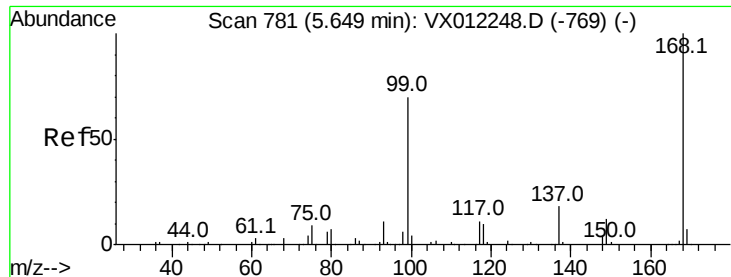
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091219\
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Quant Time: Sep 12 12:55:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	45873	21.121	ug/l	99
94) Hexachlorobutadiene	13.77	225	23751	21.982	ug/l	98
95) Naphthalene	13.83	128	93787	20.122	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	41209	21.444	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

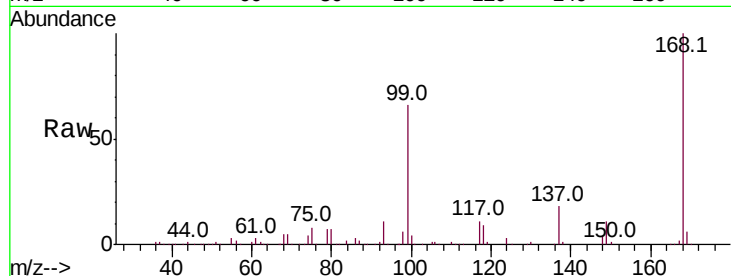
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 135138

Ion Ratio Lower Upper

168 100

99 66.1 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

50000

40000

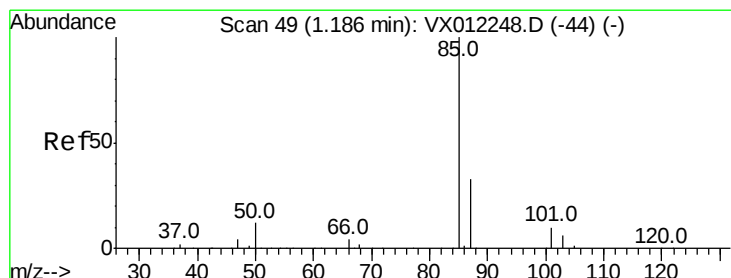
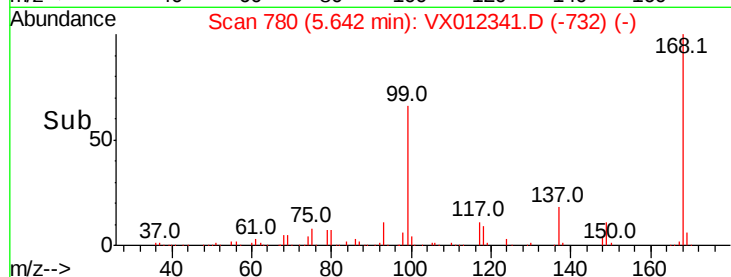
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 21.668 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012341.D

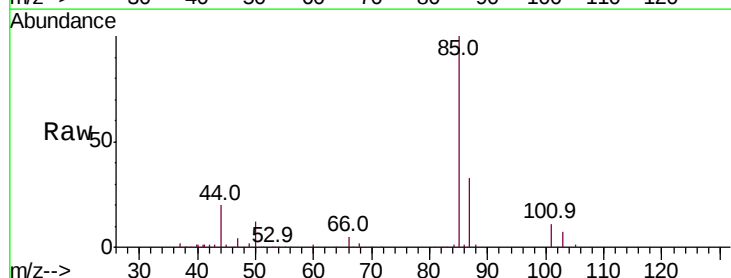
Acq: 12 Sep 2019 11:17

Tgt Ion: 85 Resp: 23940

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

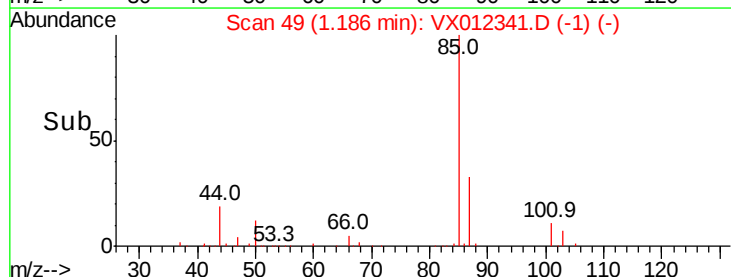
15000

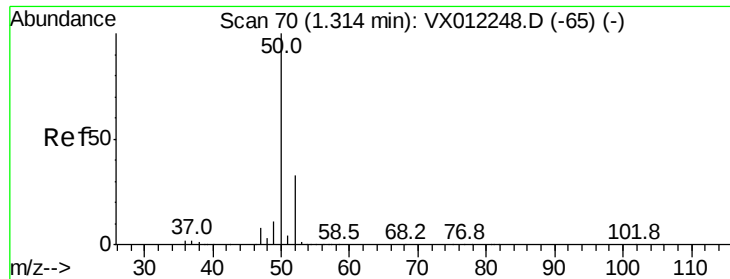
10000

5000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 21.723 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

Instrument :

MSVOA_X

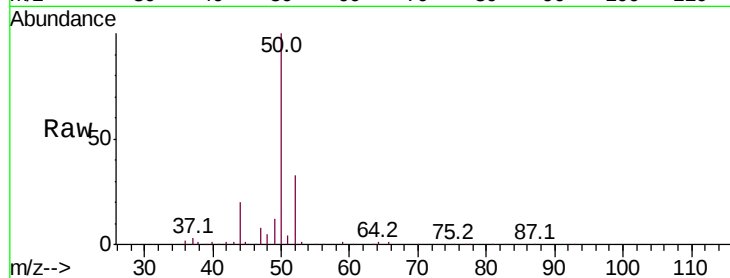
ClientSampleId :

Tot Ion: 50 Resp: 21634

Ion Ratio Lower Upper

50 100

52 33.1 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

20000

15000

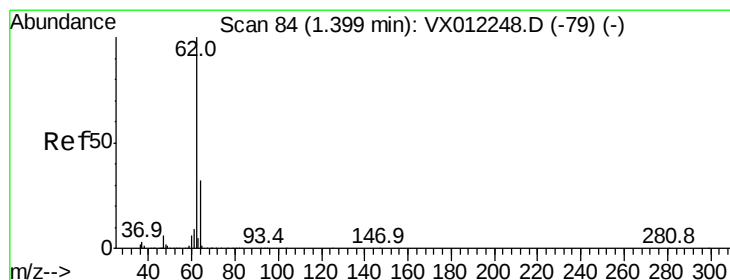
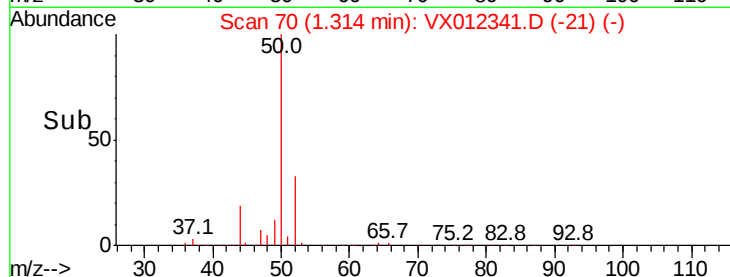
10000

5000

0

1.25 1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 21.431 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.01 min

Lab File: VX012341.D

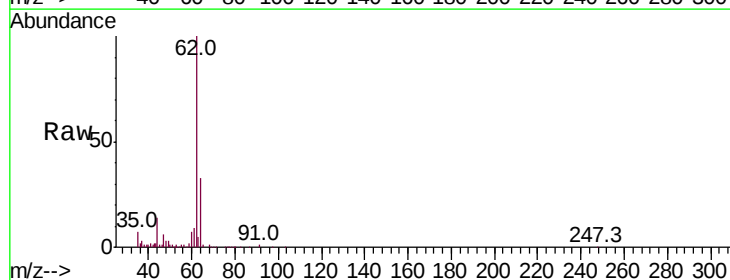
Acq: 12 Sep 2019 11:17

Tgt Ion: 62 Resp: 21163

Ion Ratio Lower Upper

62 100

64 33.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

20000

15000

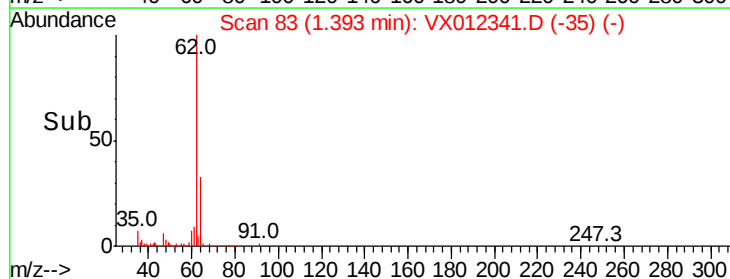
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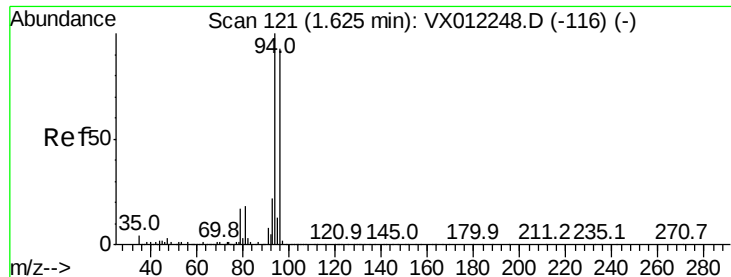
5000

0

1.30 1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 22.778 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

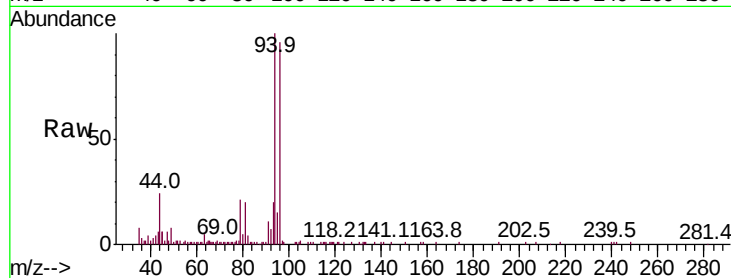
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 10126

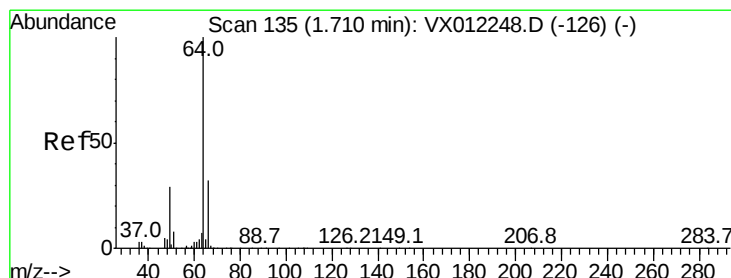
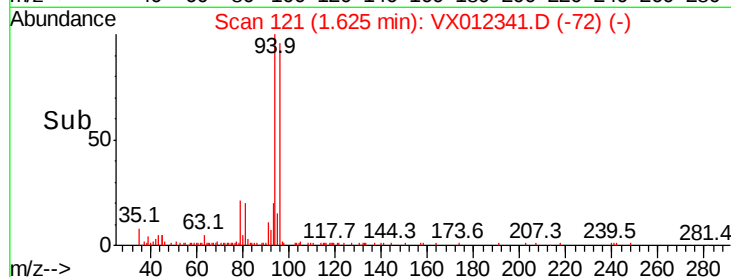
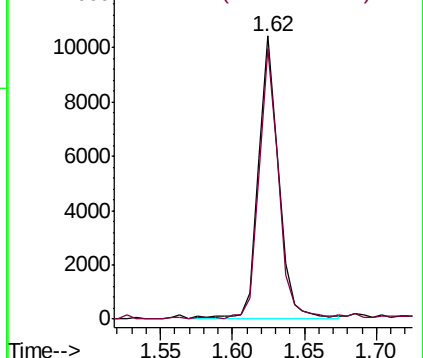
Ion Ratio Lower Upper

94 100

96 95.6 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.308 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012341.D

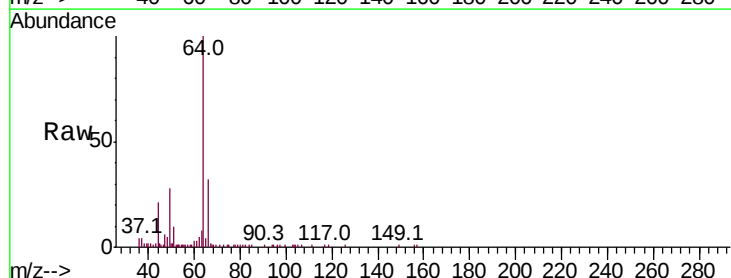
Acq: 12 Sep 2019 11:17

Tgt Ion: 64 Resp: 14070

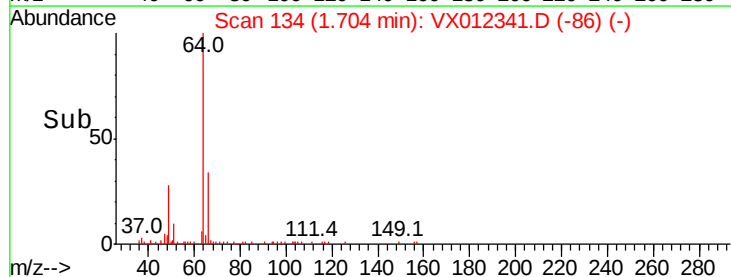
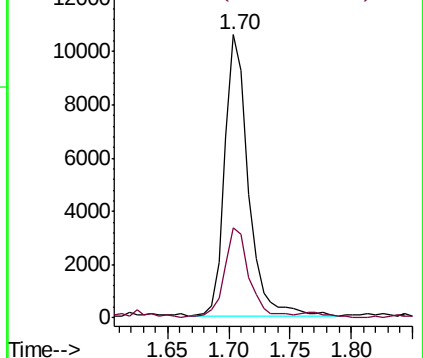
Ion Ratio Lower Upper

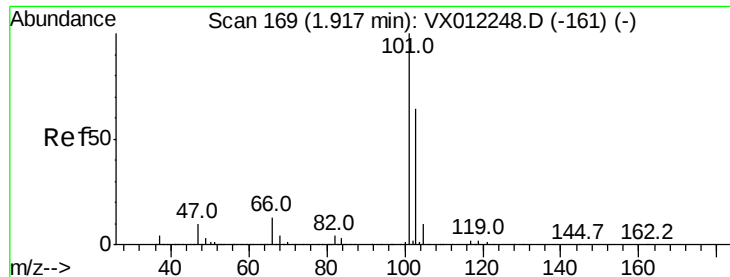
64 100

66 31.5 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



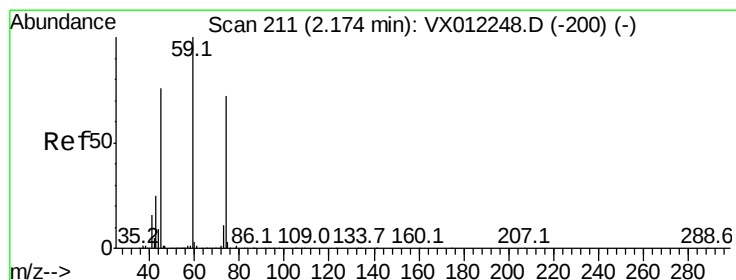
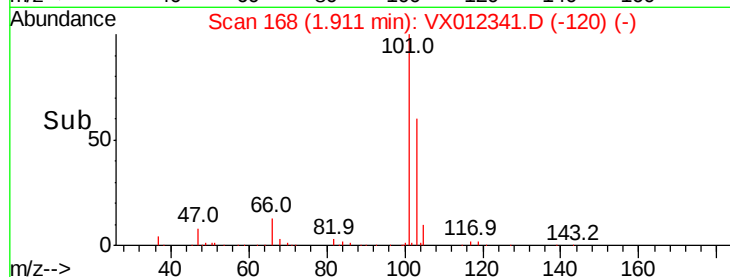
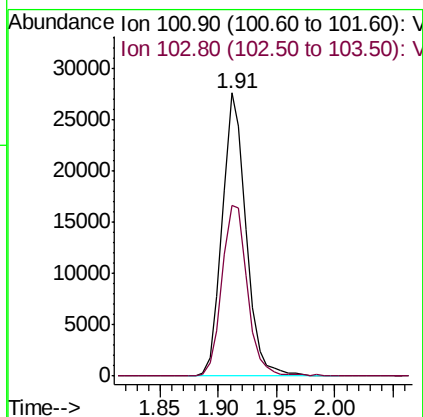
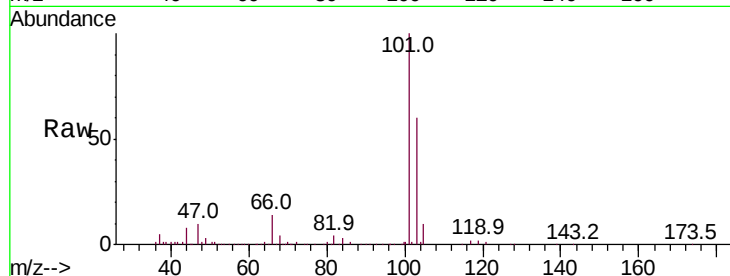


#7

Trichlorofluoromethane
 Concen: 21.790 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

Instrument :
 MSVOA_X
 ClientSampleId :

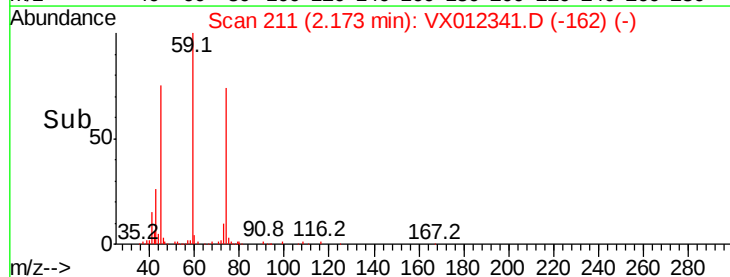
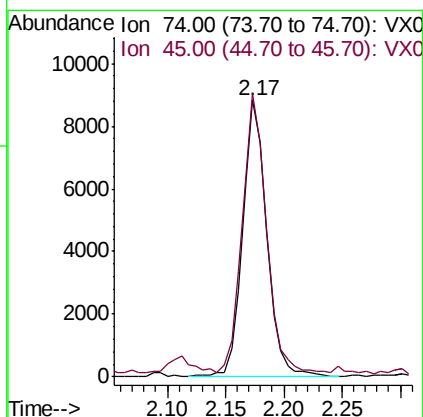
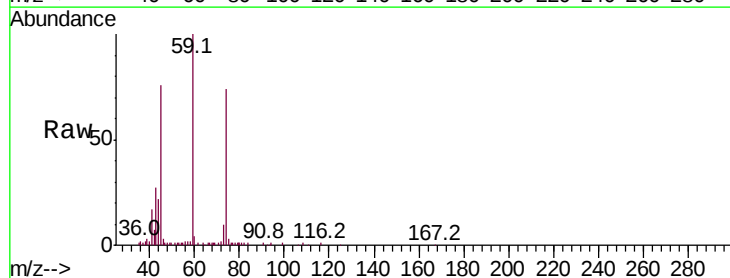
Tot Ion:101 Resp: 38943
 Ion Ratio Lower Upper
 101 100
 103 60.5 51.4 77.2

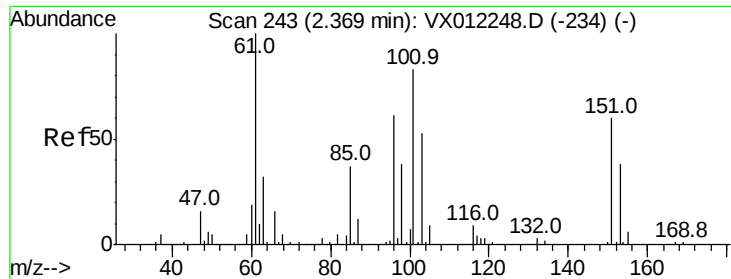


#8

Diethyl Ether
 Concen: 21.101 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

Tgt Ion: 74 Resp: 12868
 Ion Ratio Lower Upper
 74 100
 45 99.5 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.259 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

Instrument :

MSVOA_X

ClientSampleId :

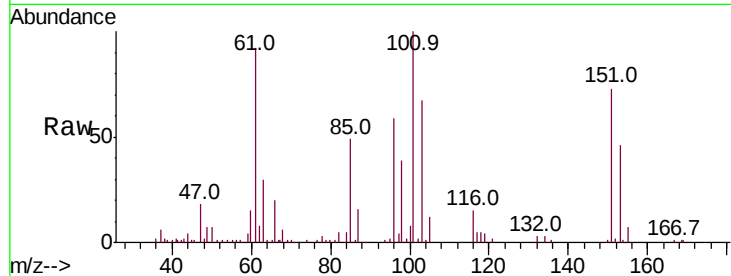
Tot Ion:101 Resp: 26811

Ion Ratio Lower Upper

101 100

85 47.8 37.0 55.6

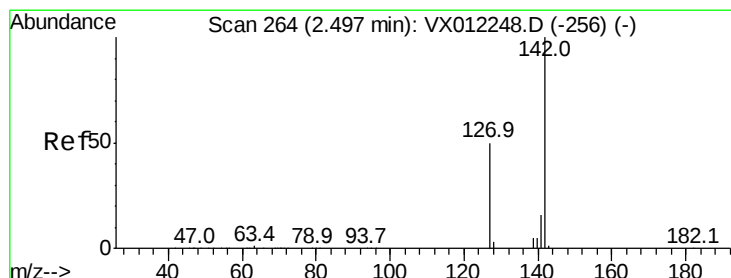
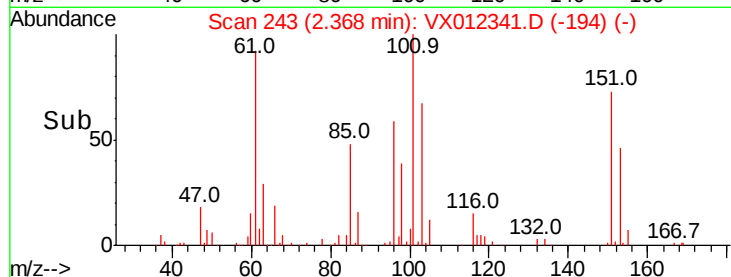
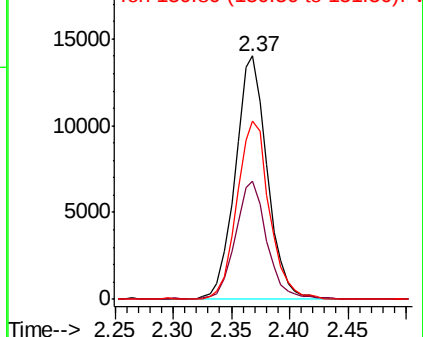
151 74.5 58.6 87.8



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: 15.054 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

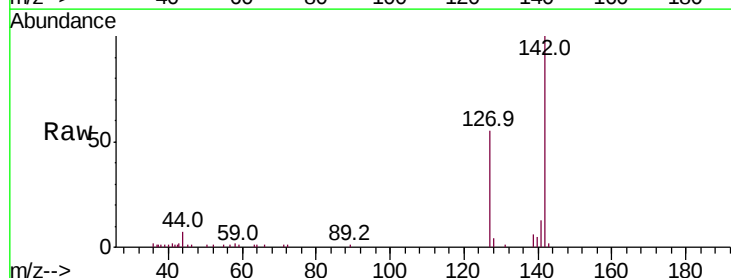
Tgt Ion:142 Resp: 17258

Ion Ratio Lower Upper

142 100

127 52.1 40.6 61.0

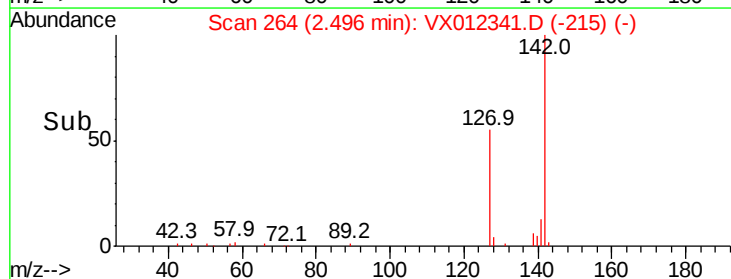
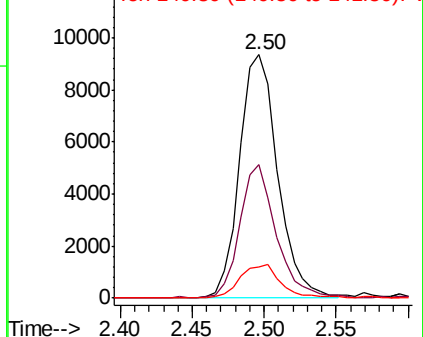
141 14.6 12.0 18.0

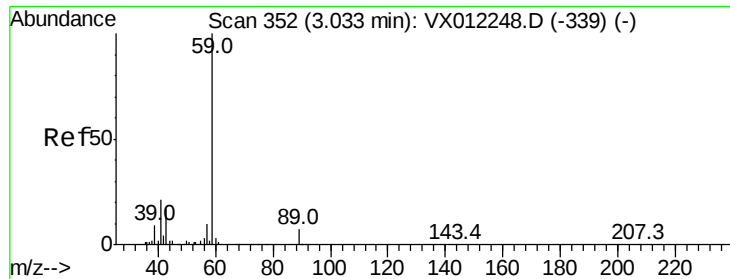


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



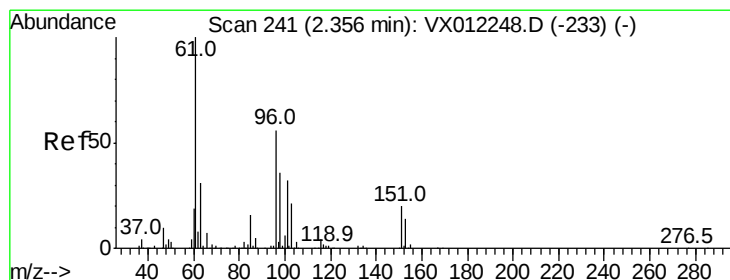
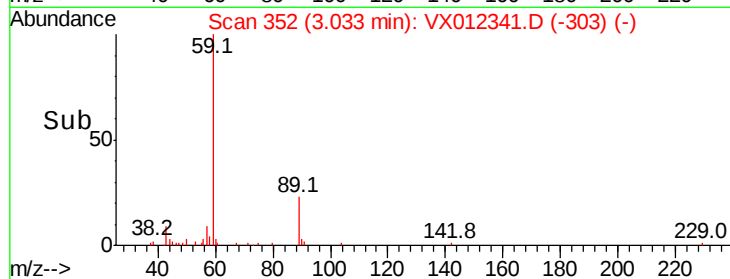
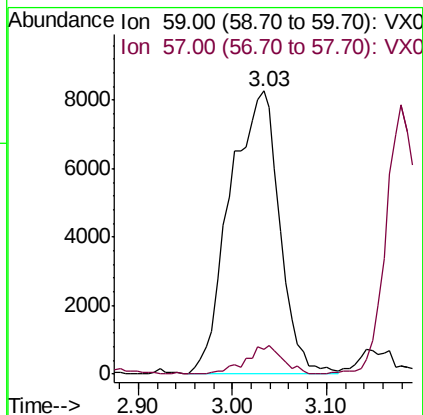
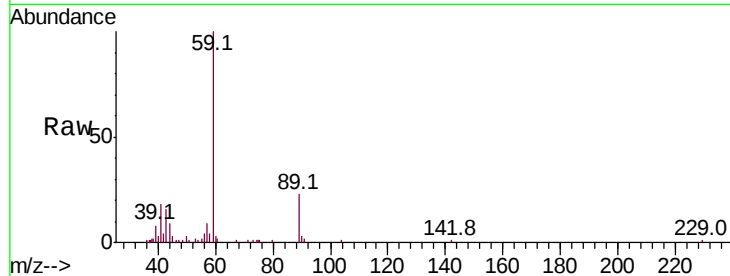


#11

Tert butyl alcohol
 Concen: 146.049 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

Instrument :
 MSVOA_X
 ClientSampleId :

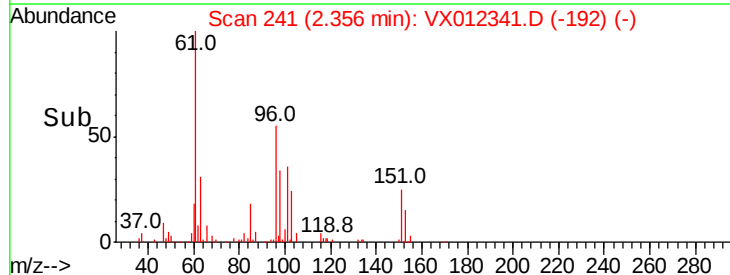
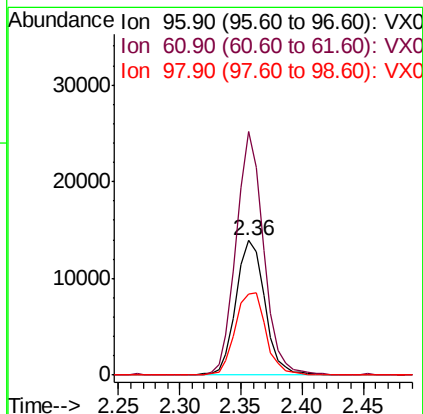
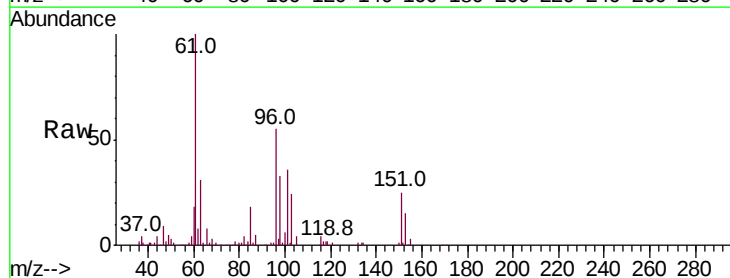
Tot Ion: 59 Resp: 30409
 Ion Ratio Lower Upper
 59 100
 57 7.6 7.8 11.6#

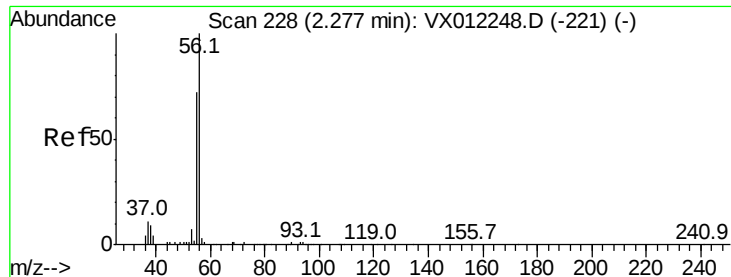


#12

1,1-Dichloroethene
 Concen: 22.399 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

Tgt Ion: 96 Resp: 22905
 Ion Ratio Lower Upper
 96 100
 61 181.4 142.2 213.2
 98 60.7 51.3 76.9





#13

Acrolein

Concen: 90.493 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

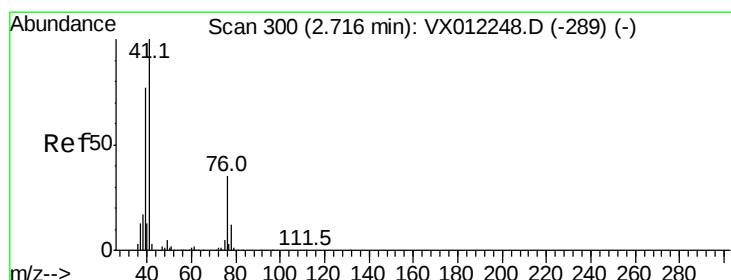
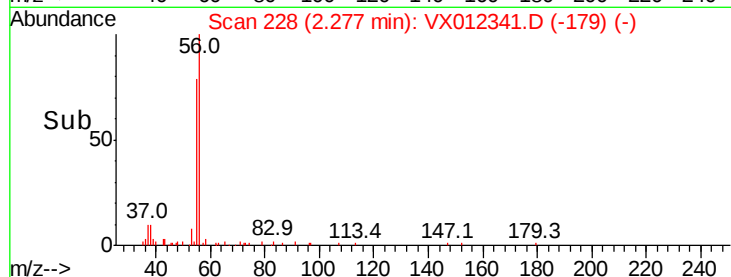
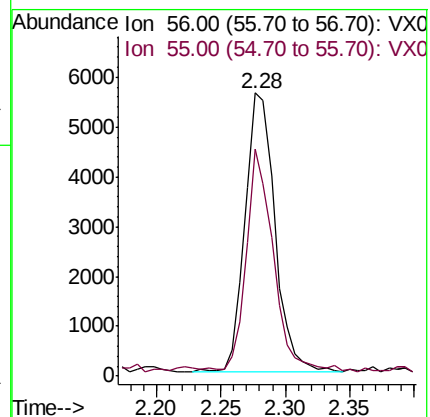
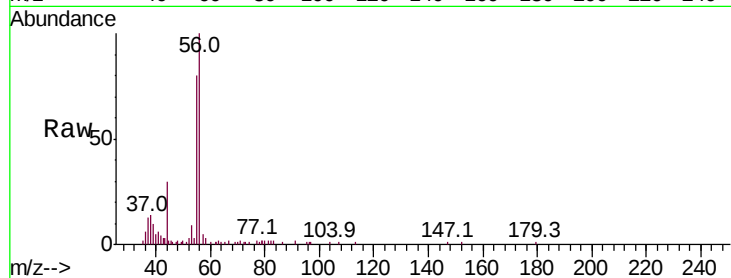
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 9038

Ion Ratio Lower Upper

56 100

55 72.4 59.8 89.6



#14

Allyl chloride

Concen: 20.262 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

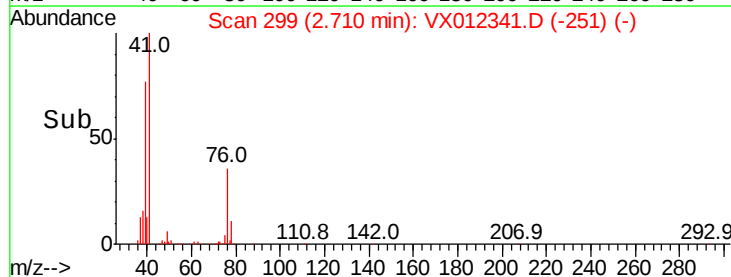
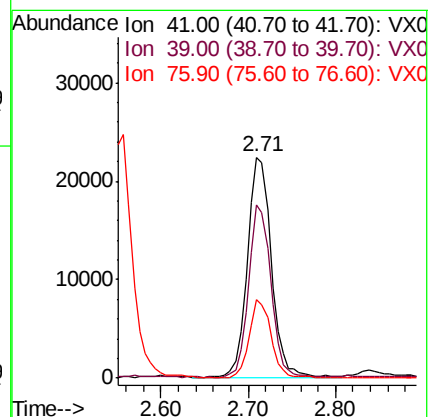
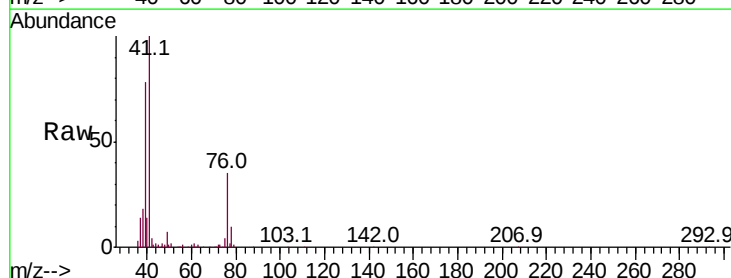
Tgt Ion: 41 Resp: 42242

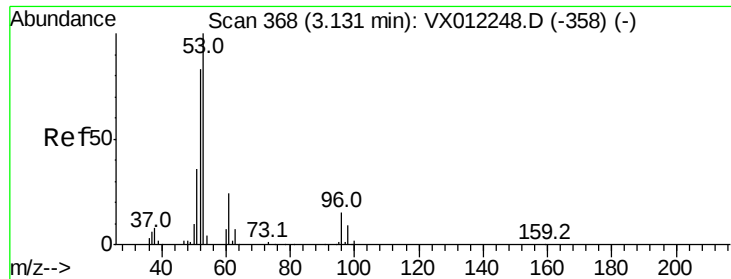
Ion Ratio Lower Upper

41 100

39 75.0 58.6 87.8

76 32.6 26.3 39.5





#15

Acrylonitrile

Concen: 104.905 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

Instrument :

MSVOA_X

ClientSampleId :

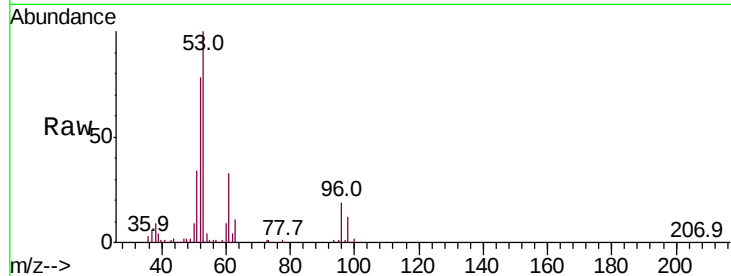
Tot Ion: 53 Resp: 39546

Ion Ratio Lower Upper

53 100

52 80.9 66.8 100.2

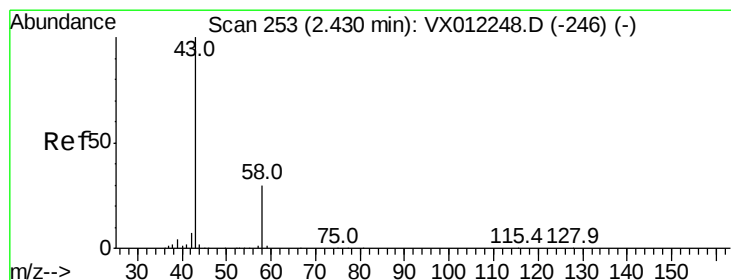
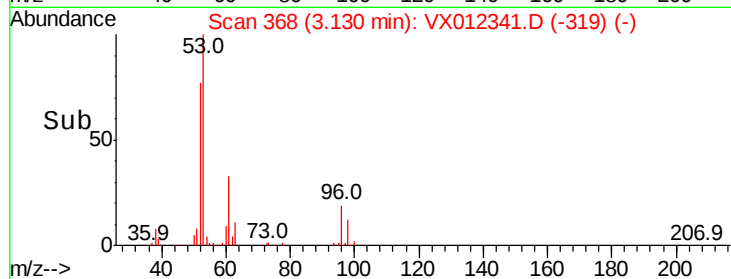
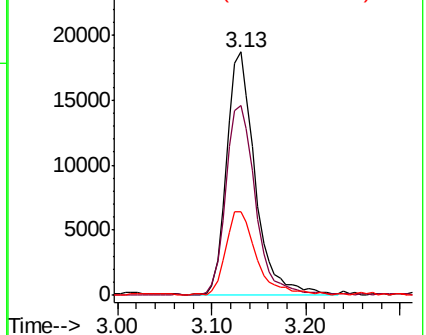
51 37.7 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 101.877 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012341.D

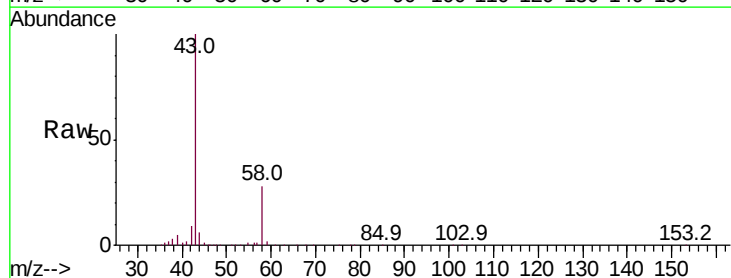
Acq: 12 Sep 2019 11:17

Tgt Ion: 43 Resp: 46078

Ion Ratio Lower Upper

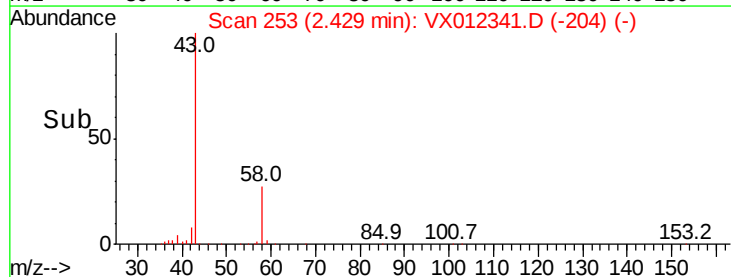
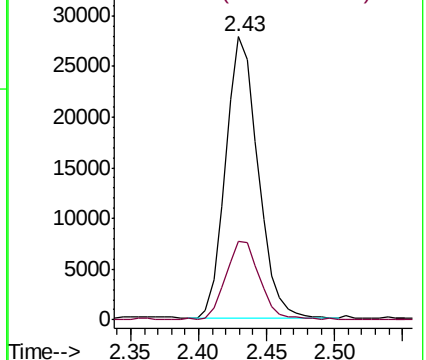
43 100

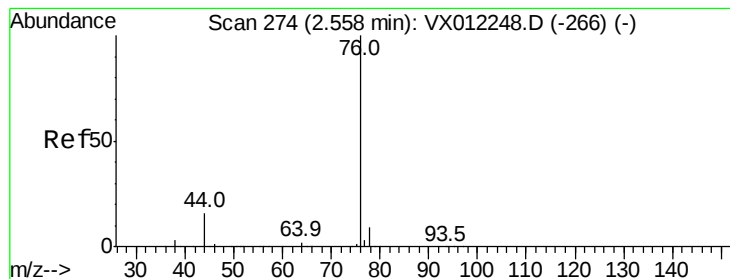
58 27.5 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.994 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

Instrument :

MSVOA_X

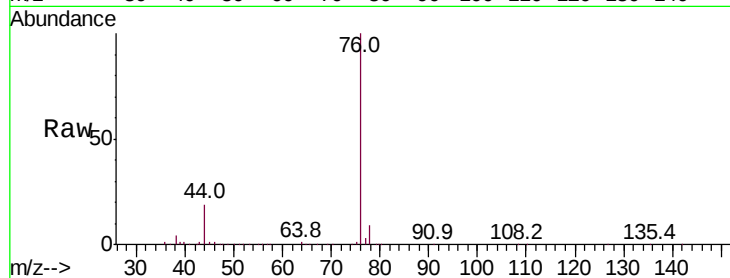
ClientSampled :

Tot Ion: 76 Resp: 42934

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

25000

20000

15000

10000

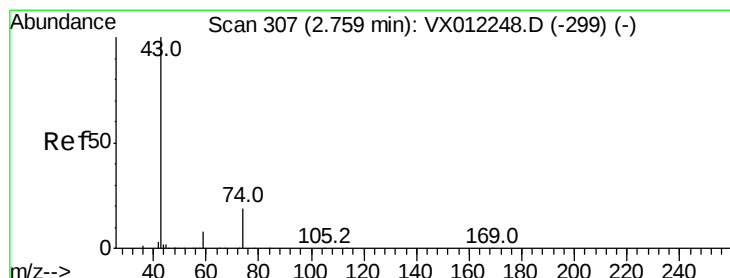
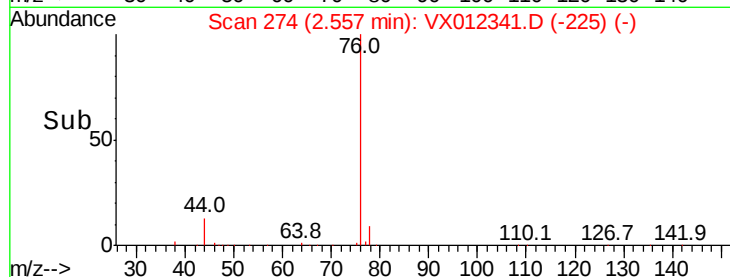
5000

0

2.56

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 20.698 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012341.D

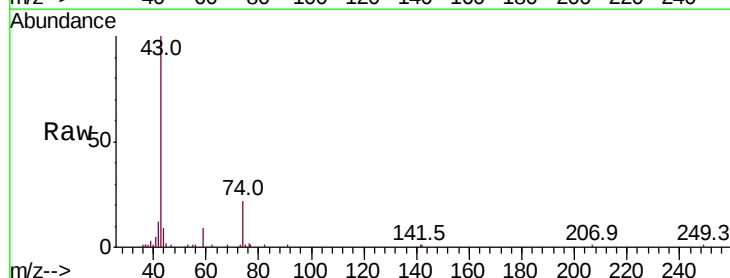
Acq: 12 Sep 2019 11:17

Tgt Ion: 43 Resp: 19677

Ion Ratio Lower Upper

43 100

74 21.2 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

12000

10000

8000

6000

4000

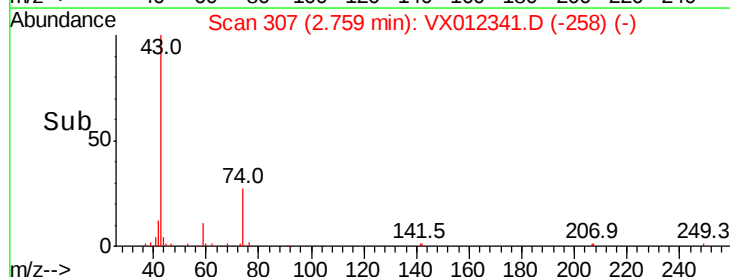
2000

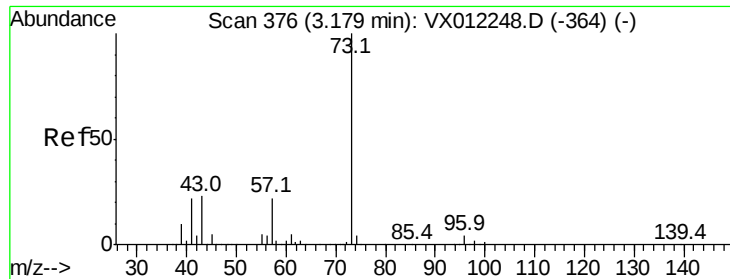
0

2.76

2.70 2.80

Time-->

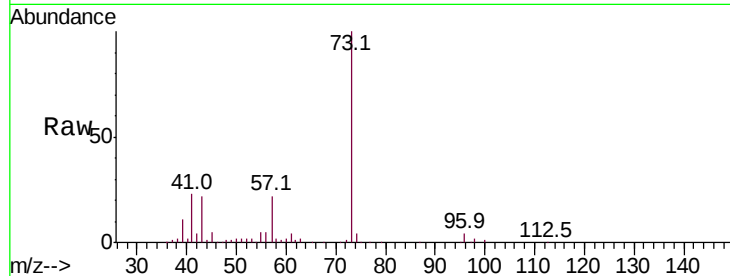




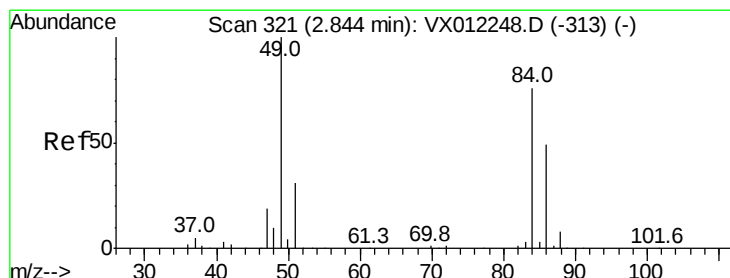
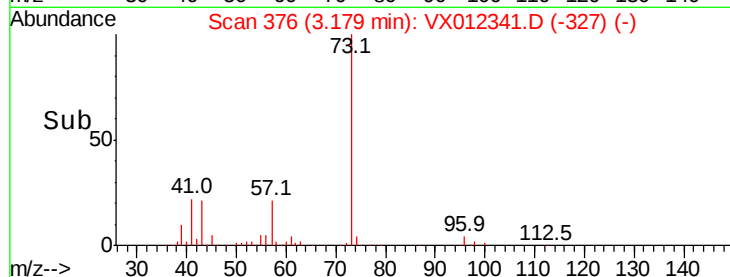
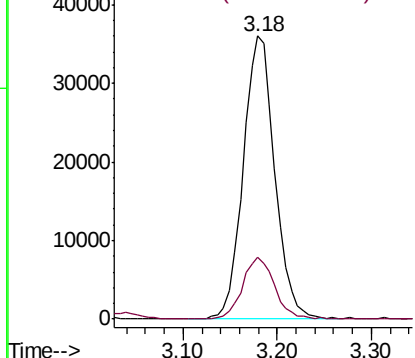
#19
Methyl tert-butyl Ether
Concen: 20.837 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 84146
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5

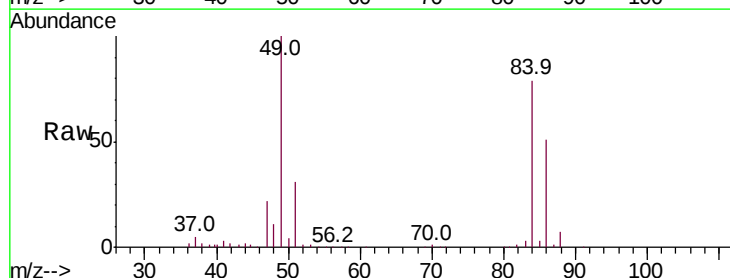


Abundance Ion 73.00 (72.70 to 73.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

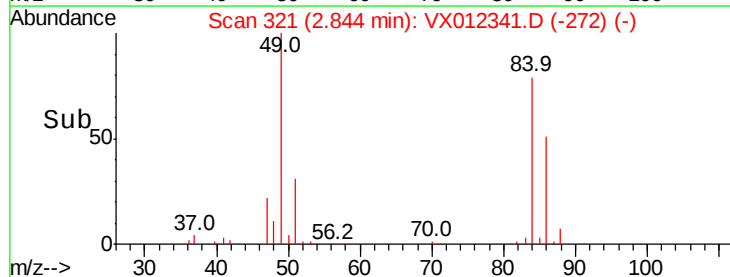
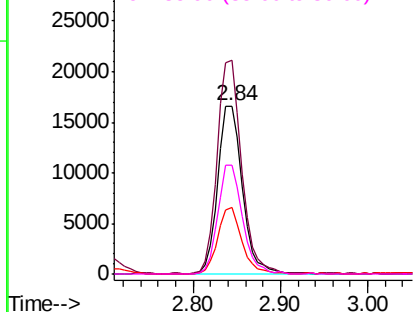


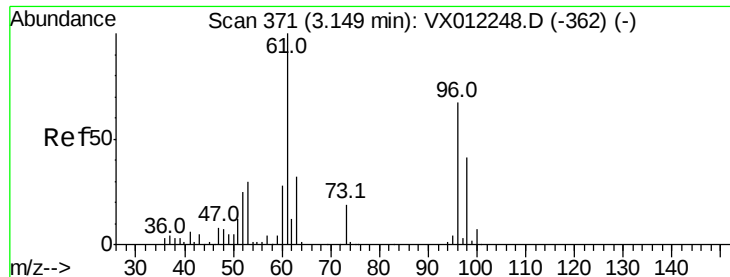
#20
Methylene Chloride
Concen: 21.571 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Tgt Ion: 84 Resp: 32553
Ion Ratio Lower Upper
84 100
49 126.6 105.0 157.6
51 39.6 32.6 48.8
86 64.4 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 20.910 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

Instrument :

MSVOA_X

ClientSampled :

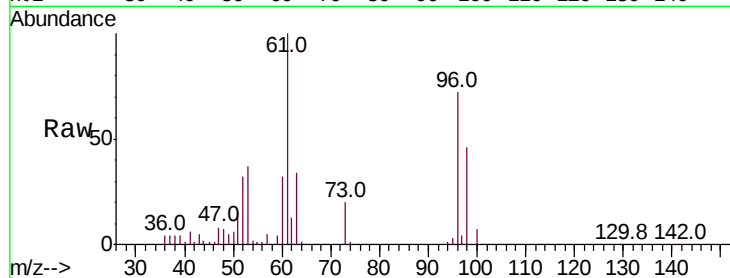
Tot Ion: 96 Resp: 25511

Ion Ratio Lower Upper

96 100

61 138.8 119.4 179.2

98 63.9 48.4 72.6



Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

25000

20000

15000

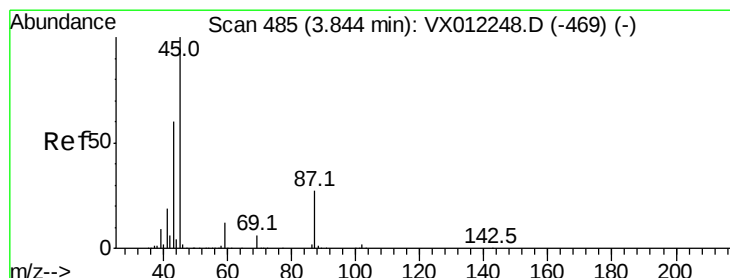
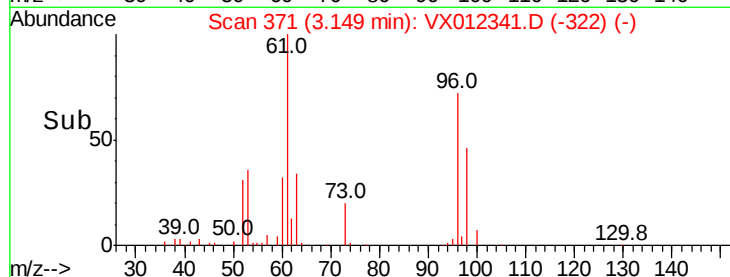
10000

5000

0

3.05 3.10 3.15 3.20 3.25

Time-->



#22

Diisopropyl ether

Concen: 20.823 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

Tgt Ion: 45 Resp: 99283

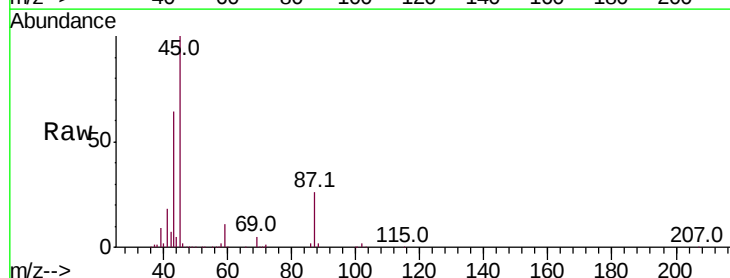
Ion Ratio Lower Upper

45 100

43 63.9 48.3 72.5

87 25.5 21.8 32.8

59 11.2 9.1 13.7



Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

150000

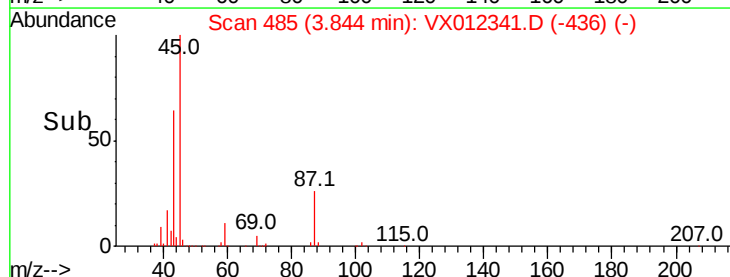
100000

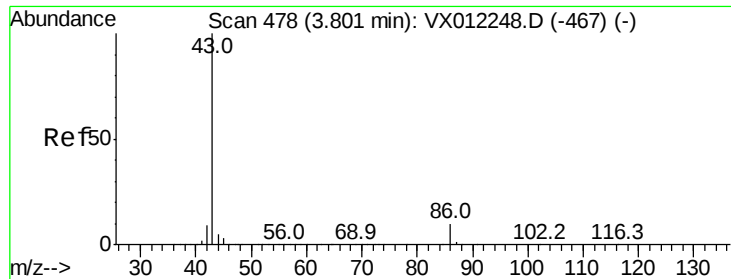
50000

0

3.70 3.80 3.90 4.00

Time-->





#23

Vinyl Acetate

Concen: 101.890 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

Instrument :

MSVOA_X

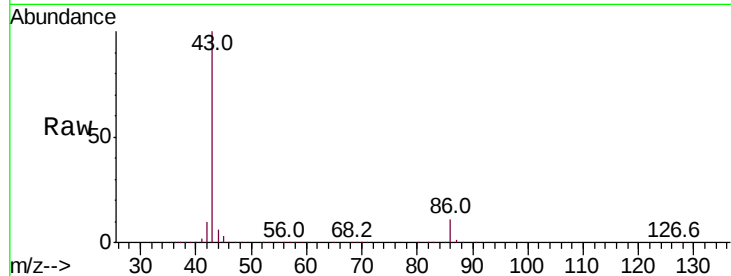
ClientSampleId :

Tot Ion: 43 Resp: 298062

Ion Ratio Lower Upper

43 100

86 10.5 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

120000

100000

80000

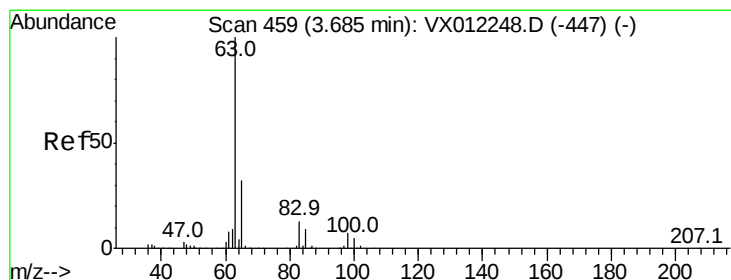
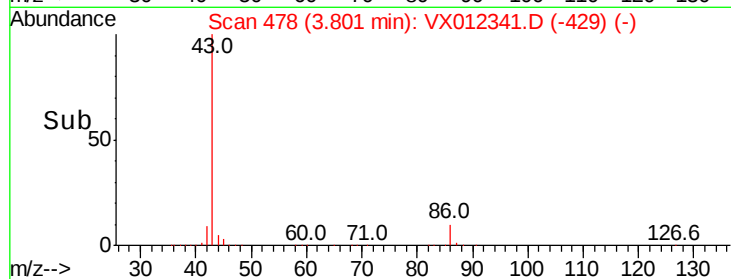
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.355 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

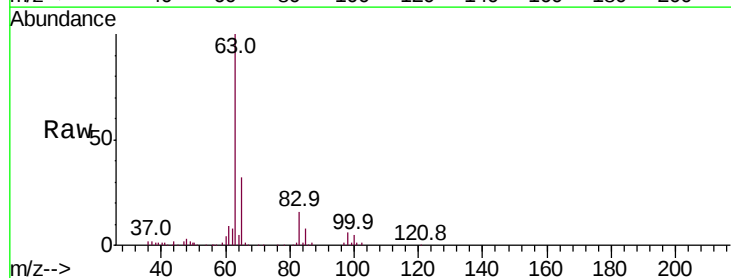
Tgt Ion: 63 Resp: 54540

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.9 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

30000

25000

20000

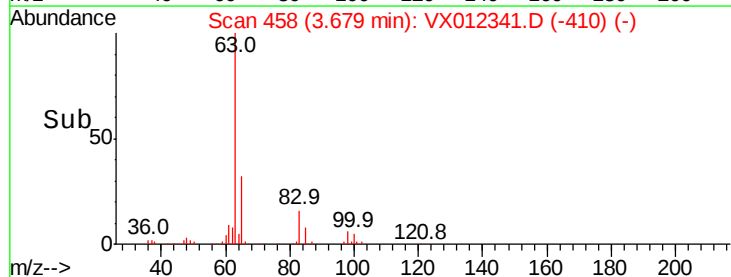
15000

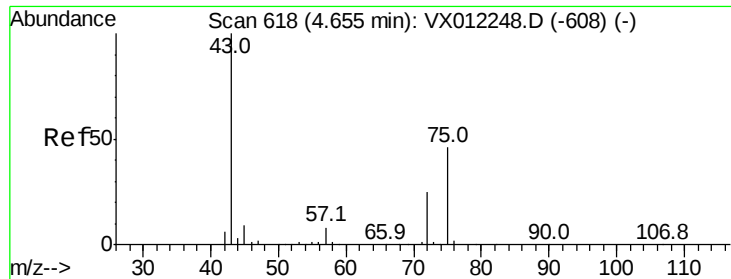
10000

5000

0

Time-->

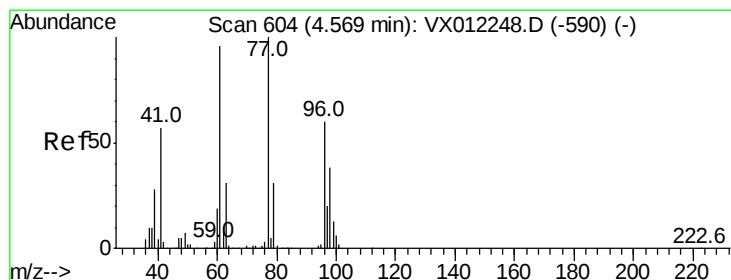
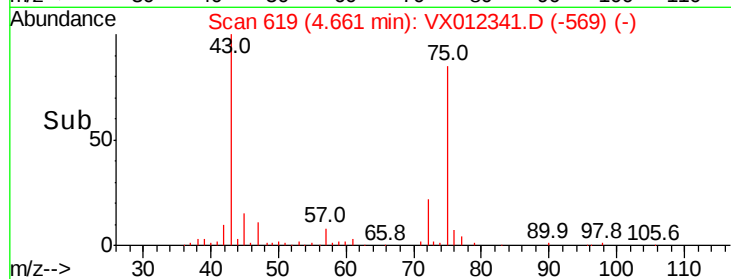
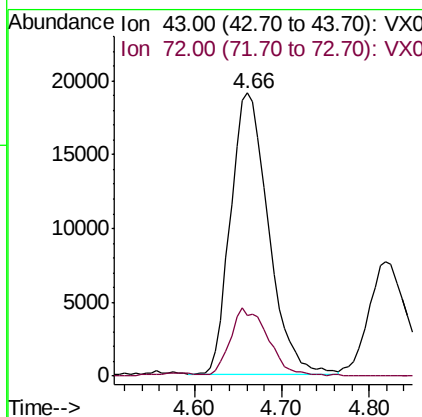
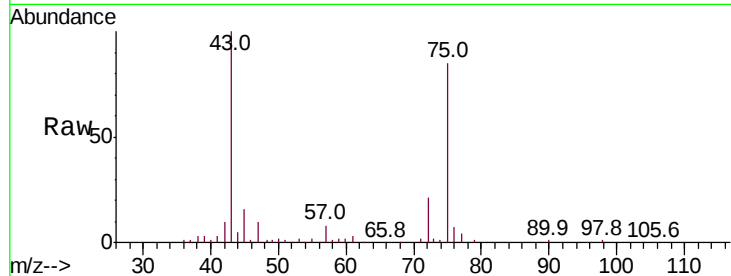




#25
2-Butanone
Concen: 99.289 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

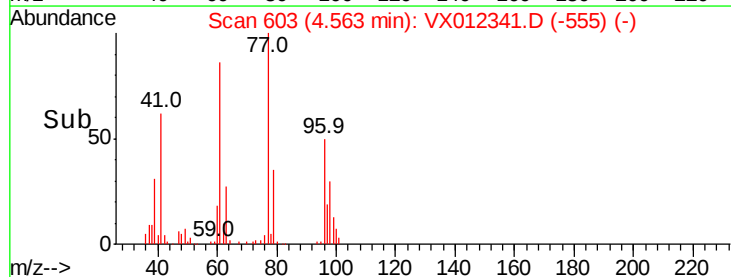
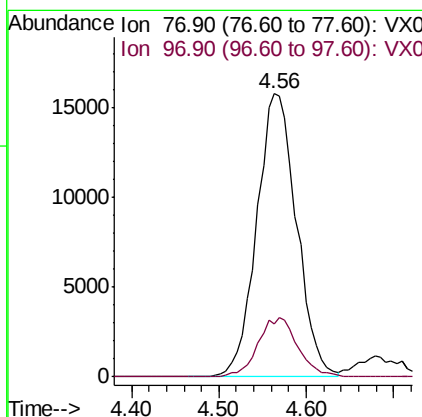
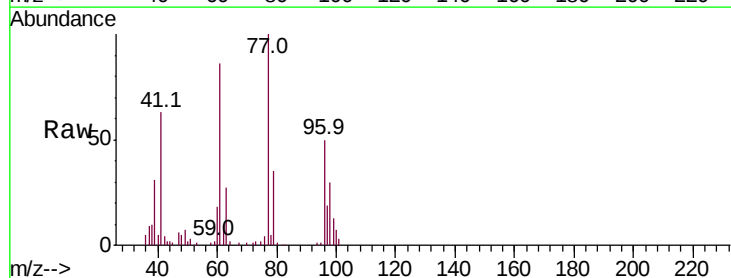
Instrument :
MSVOA_X
ClientSampled :

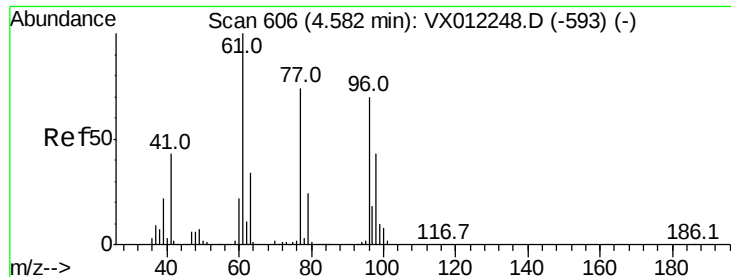
Tot Ion: 43 Resp: 57408
Ion Ratio Lower Upper
43 100
72 21.1 20.2 30.2



#26
2,2-Dichloropropane
Concen: 20.828 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Tgt Ion: 77 Resp: 49941
Ion Ratio Lower Upper
77 100
97 20.8 10.7 32.1



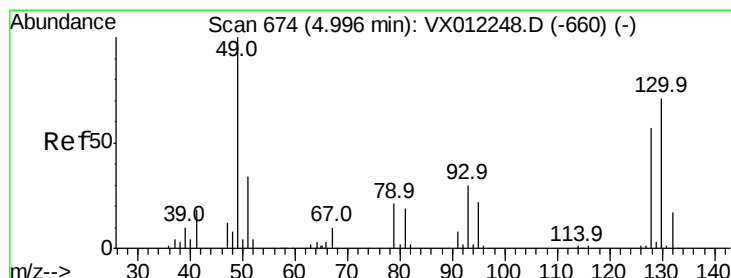
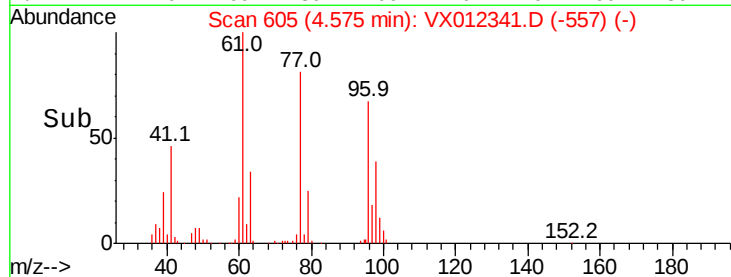
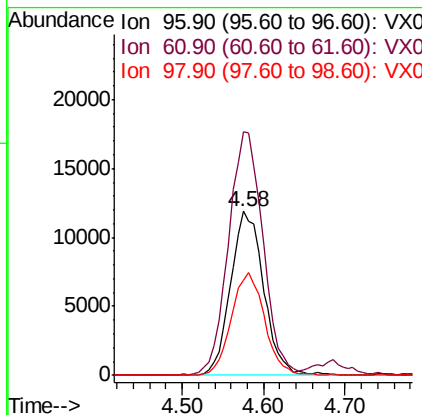
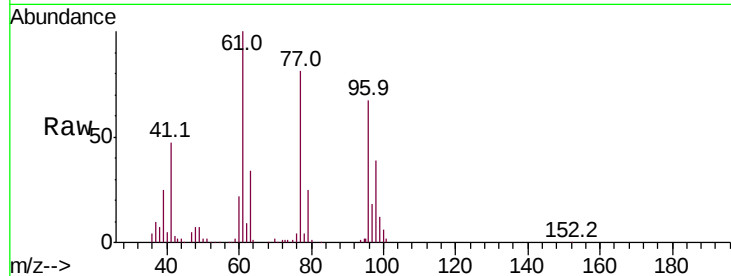


#27

cis-1,2-Dichloroethene
Concen: 21.273 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :

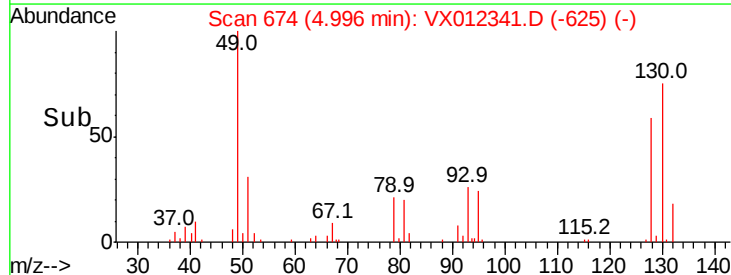
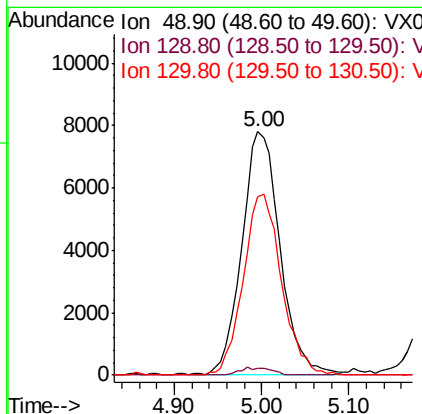
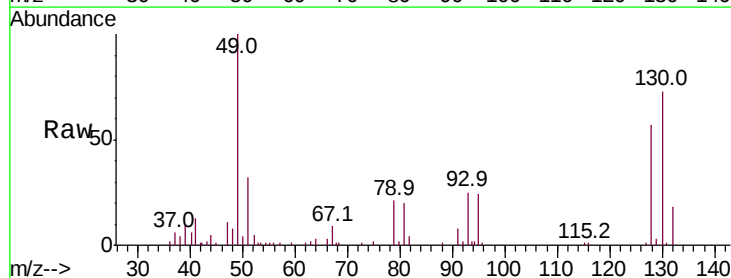
Tot Ion	96	Resp	33507
Ion	Ratio	Lower	Upper
96	100		
61	153.9	0.0	310.4
98	62.9	0.0	128.8

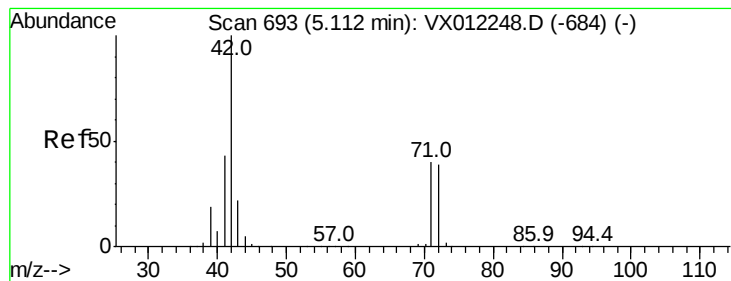


#28

Bromochloromethane
Concen: 19.857 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Tgt Ion	49	Resp	23784
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	5.2
130	74.0	60.1	90.1





#29

Tetrahydrofuran

Concen: 101.321 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

Instrument :
MSVOA_X
ClientSampled :

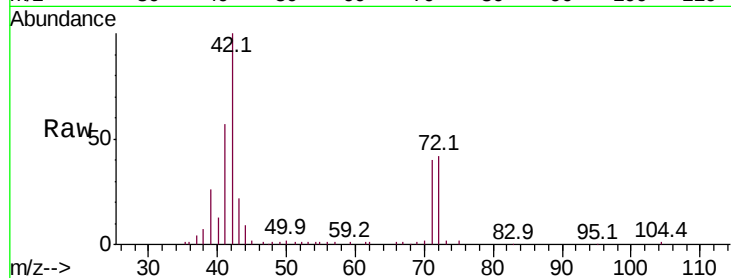
Tot Ion: 42 Resp: 31608

Ion Ratio Lower Upper

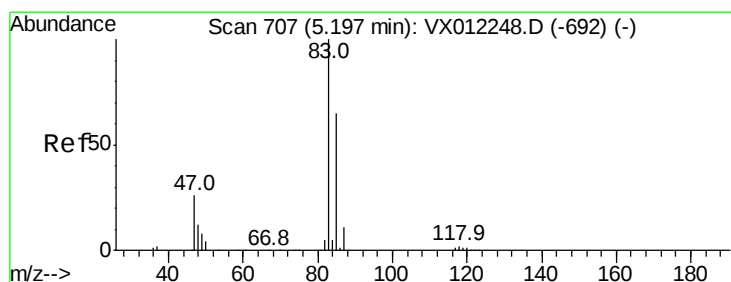
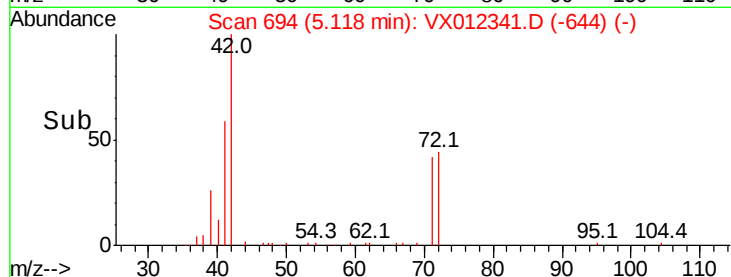
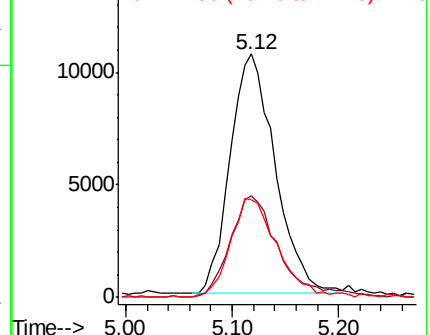
42 100

72 45.8 35.2 52.8

71 42.4 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: 20.911 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX012341.D

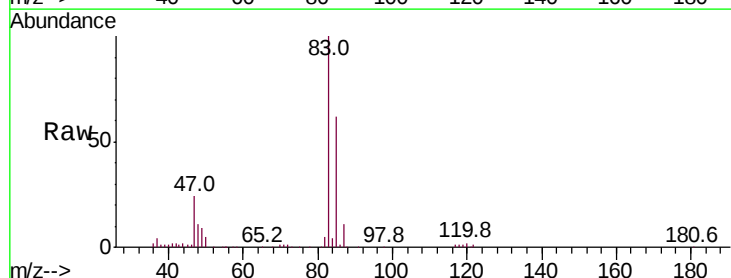
Acq: 12 Sep 2019 11:17

Tgt Ion: 83 Resp: 60221

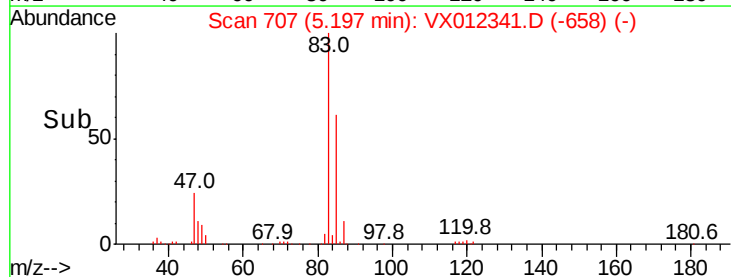
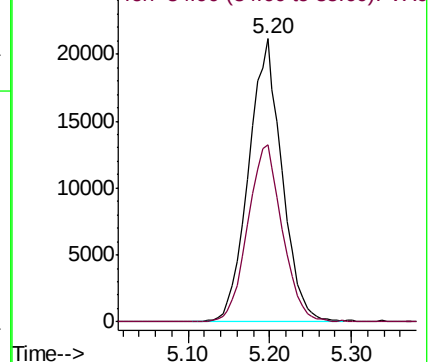
Ion Ratio Lower Upper

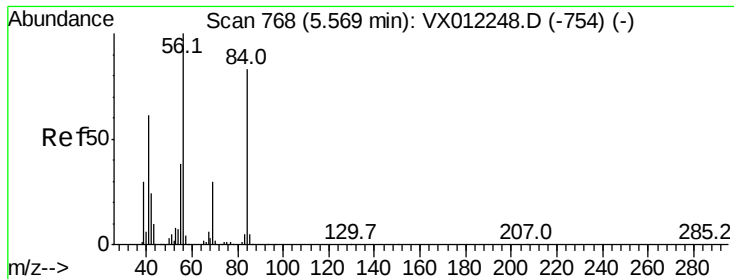
83 100

85 62.4 52.3 78.5



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

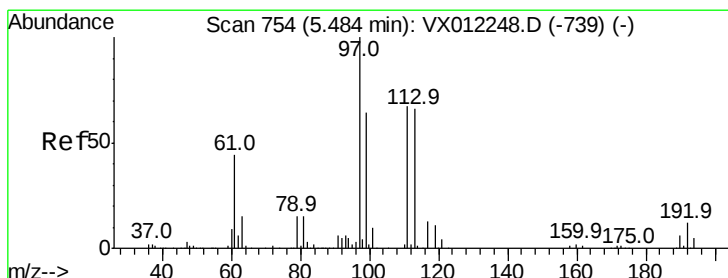
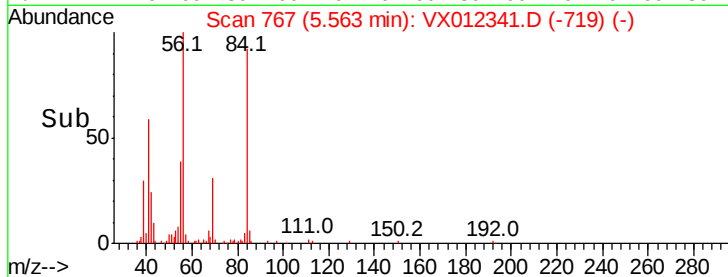
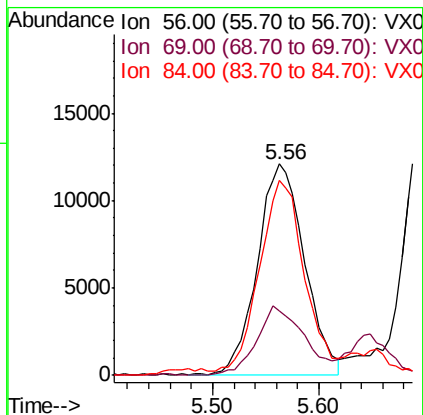
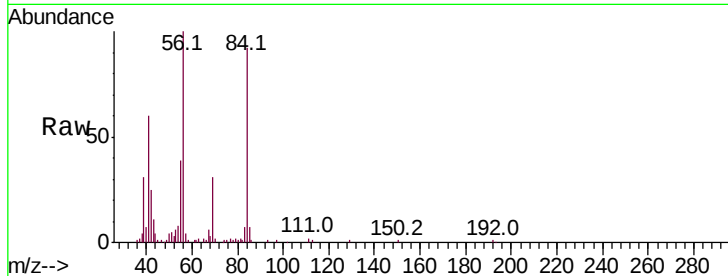




#31
Cyclohexane
Concen: 21.020 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

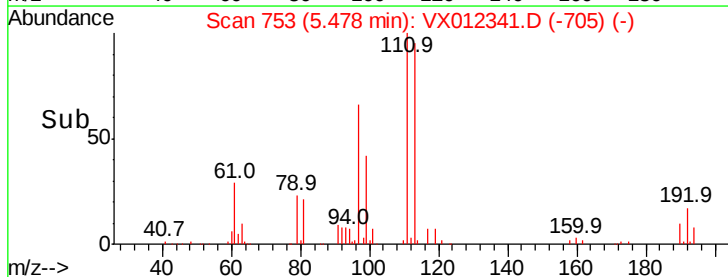
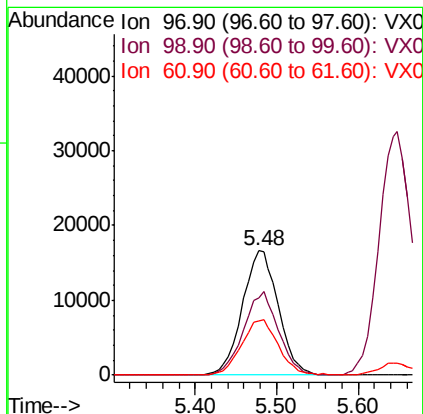
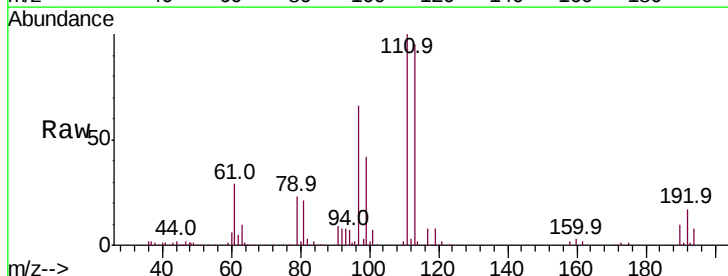
Instrument :
MSVOA_X
ClientSampleId :

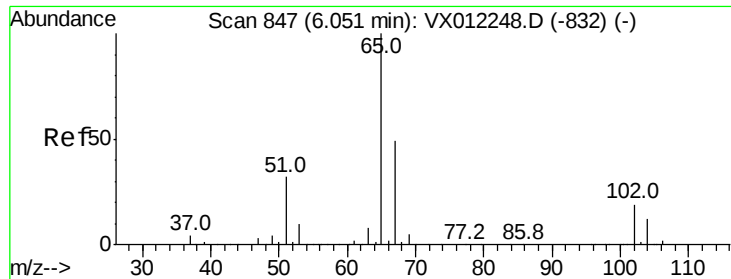
Tot Ion: 56 Resp: 37291
Ion Ratio Lower Upper
56 100
69 30.6 23.8 35.6
84 88.8 66.6 100.0



#32
1,1,1-Trichloroethane
Concen: 20.549 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Tgt Ion: 97 Resp: 50815
Ion Ratio Lower Upper
97 100
99 65.3 51.3 76.9
61 45.6 35.4 53.0

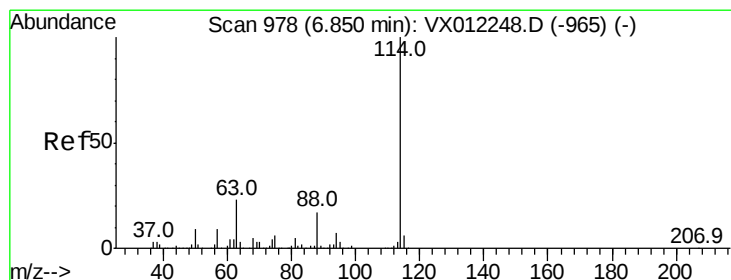
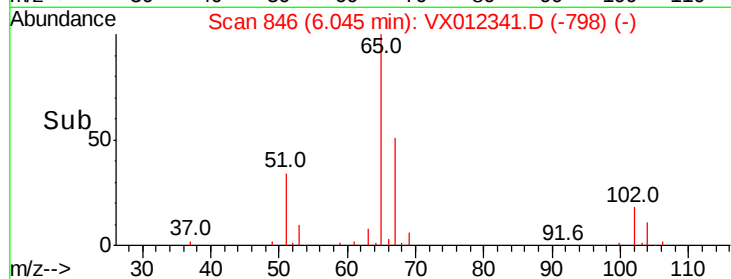
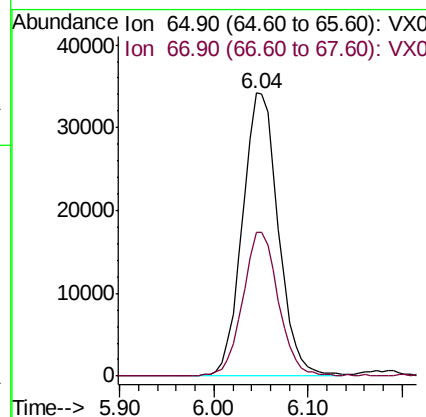
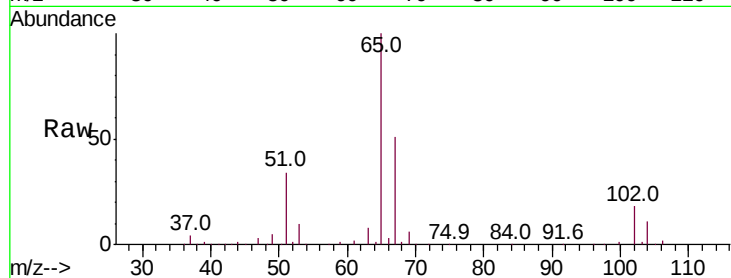




#33
 1,2-Dichloroethane-d4
 Concen: 47.668 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

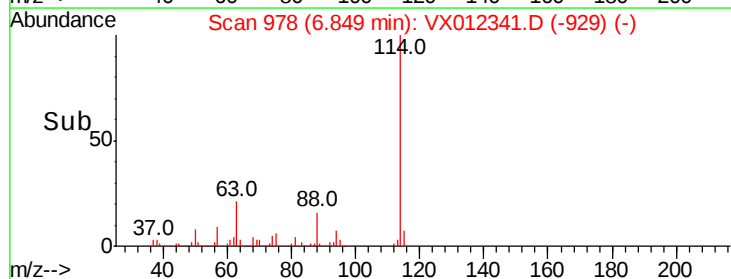
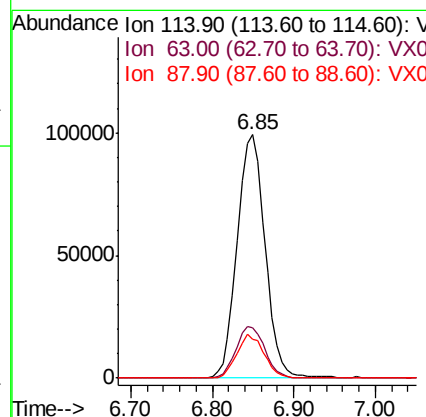
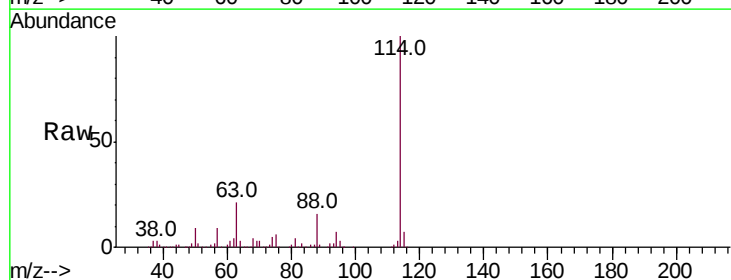
Instrument :
 MSVOA_X
 ClientSampleId :

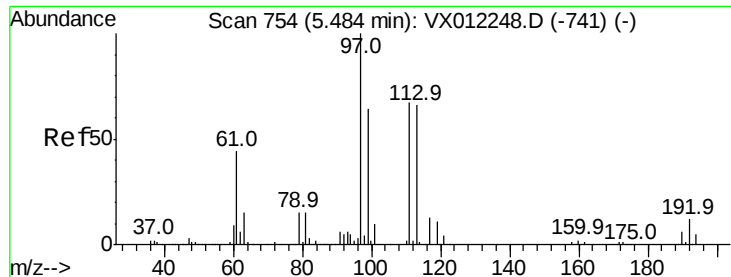
Tot Ion: 65 Resp: 91073
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

Tgt Ion: 114 Resp: 234684
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.2
 88 16.1 0.0 34.8

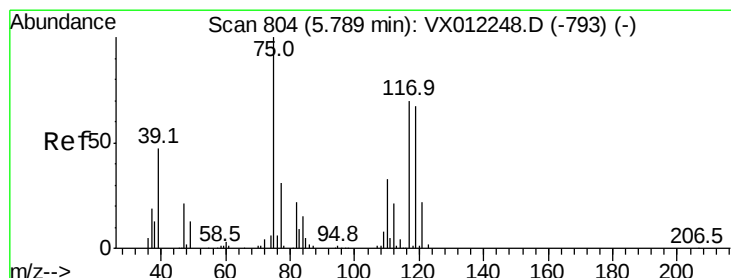
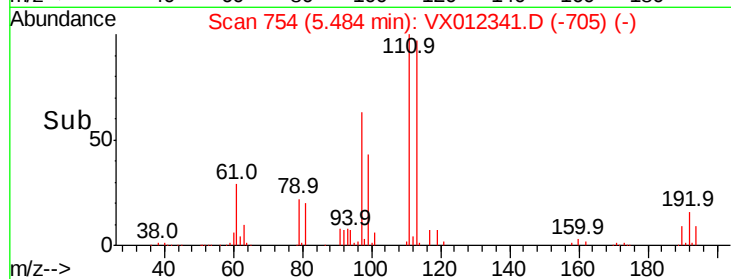
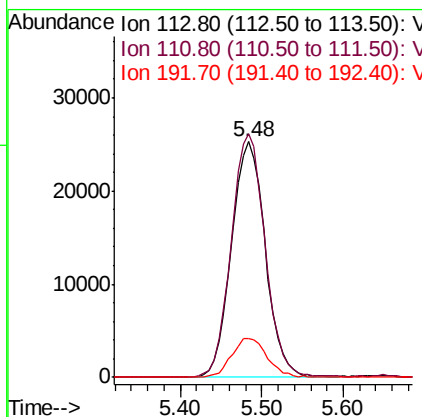
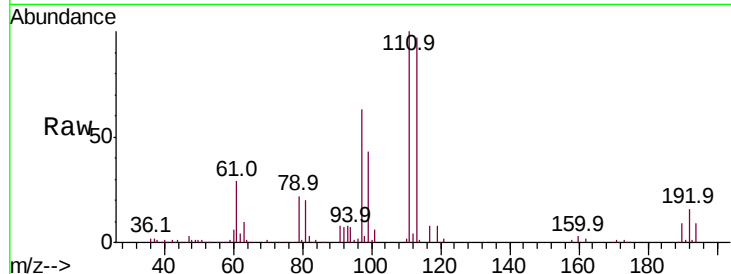




#35
 Dibromofluoromethane
 Concen: 48.243 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

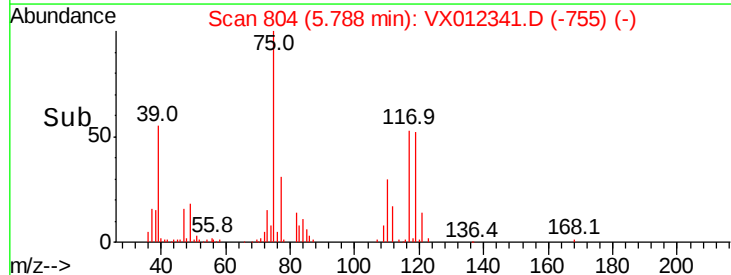
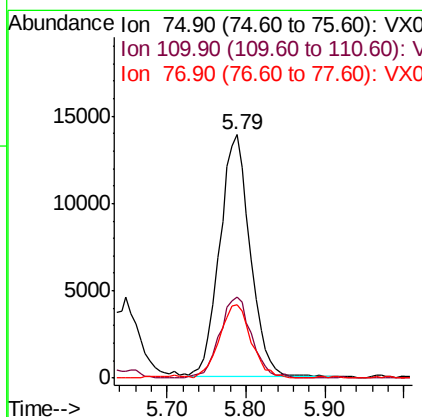
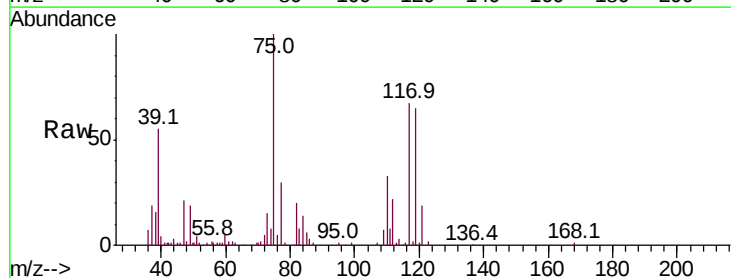
Instrument :
 MSVOA_X
 ClientSampleId :

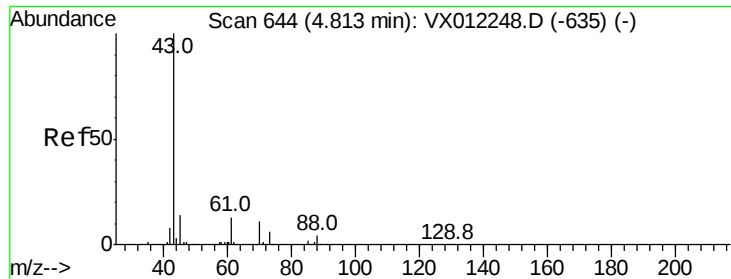
Tot Ion:113 Resp: 72578
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.0 124.6
 192 17.4 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 21.825 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

Tgt Ion: 75 Resp: 37348
 Ion Ratio Lower Upper
 75 100
 110 34.9 16.8 50.4
 77 31.7 24.5 36.7

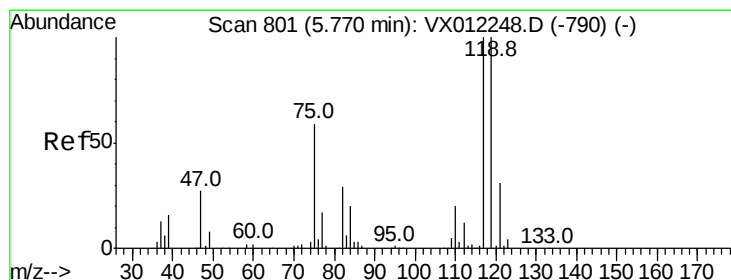
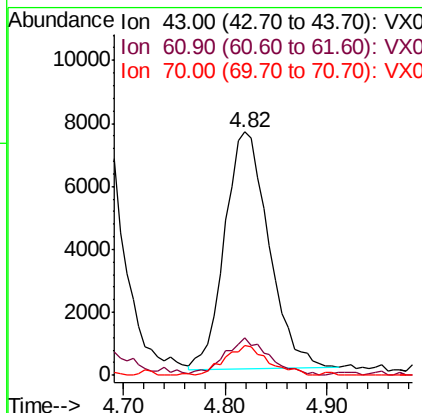
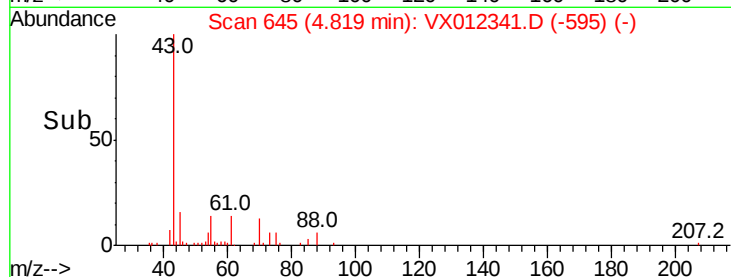
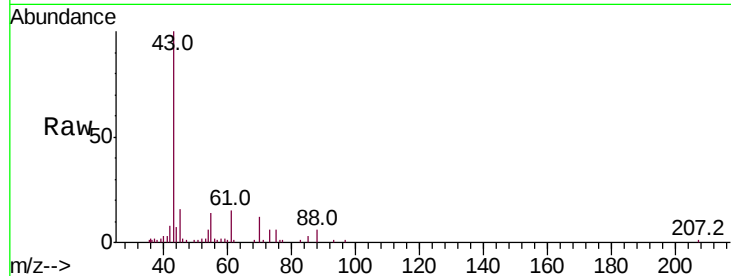




#37
Ethyl Acetate
Concen: 21.329 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

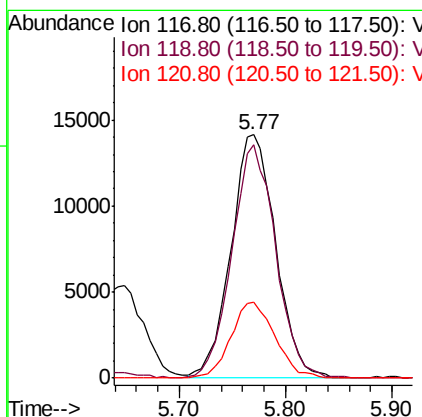
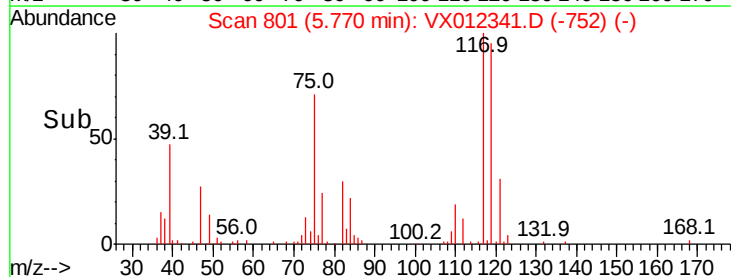
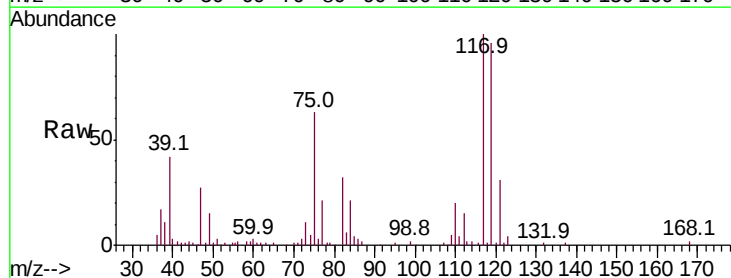
Instrument :
MSVOA_X
ClientSampled :

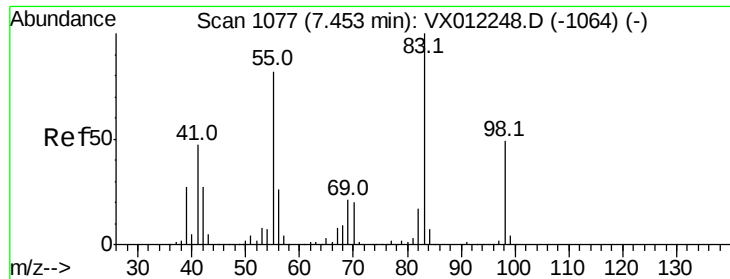
Tot Ion: 43 Resp: 22562
Ion Ratio Lower Upper
43 100
61 15.8 10.3 15.5#
70 12.3 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.738 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Tgt Ion: 117 Resp: 41636
Ion Ratio Lower Upper
117 100
119 95.0 79.6 119.4
121 31.2 24.7 37.1

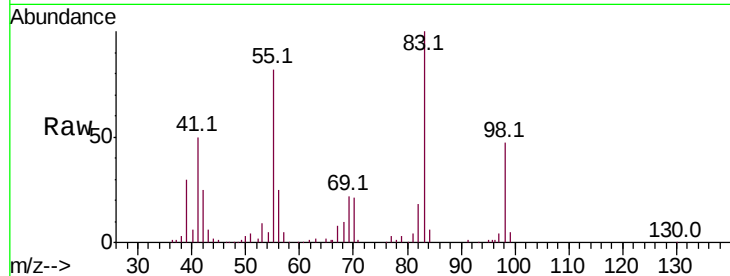




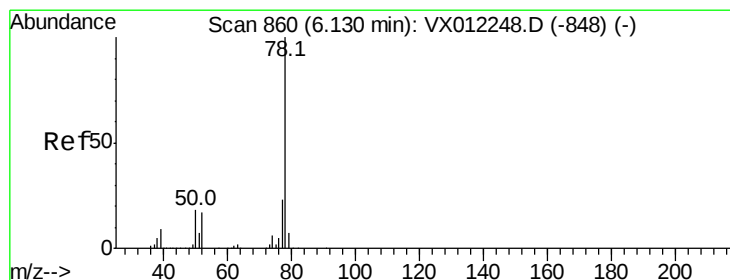
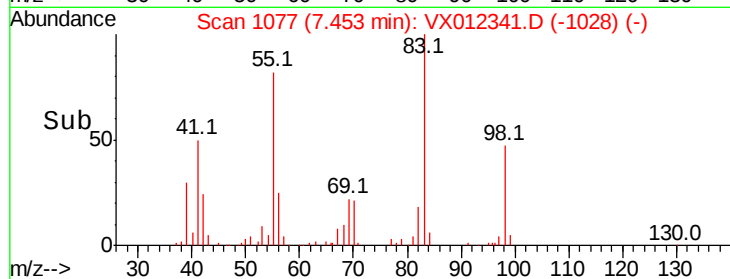
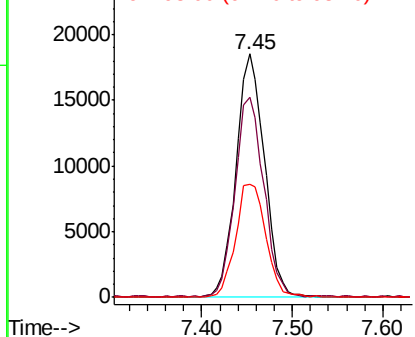
#39
Methvlcvclohexane
Concen: 21.420 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 40225
Ion Ratio Lower Upper
83 100
55 82.0 65.4 98.2
98 46.7 39.6 59.4

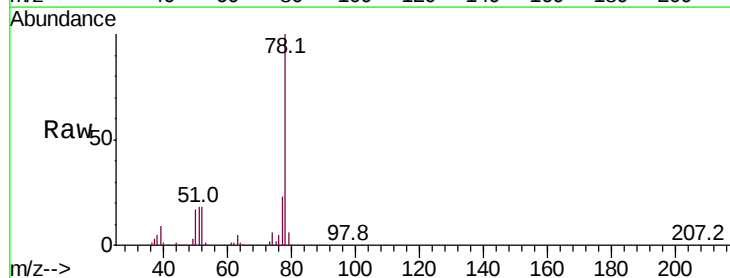


Abundance Ion 83.00 (82.70 to 83.70): VX0
25000 Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

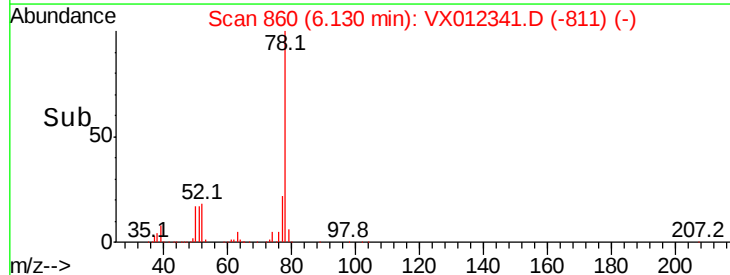
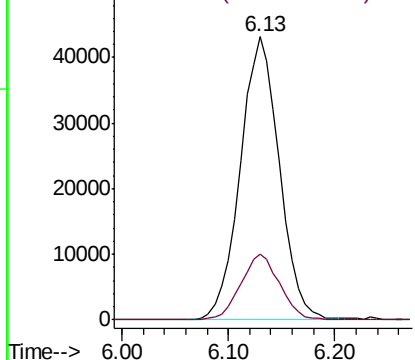


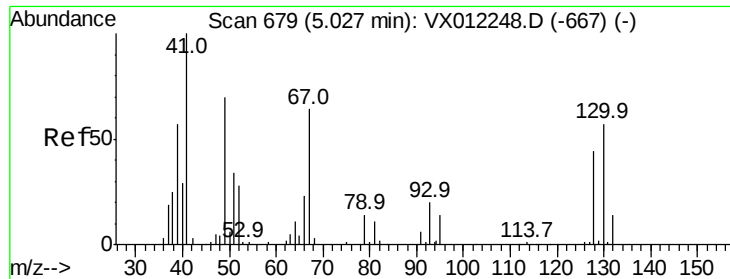
#40
Benzene
Concen: 21.448 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Tgt Ion: 78 Resp: 111082
Ion Ratio Lower Upper
78 100
77 23.4 18.0 27.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
50000 Ion 77.00 (76.70 to 77.70): VX0

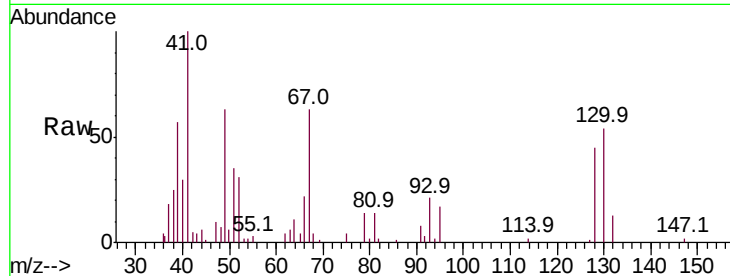




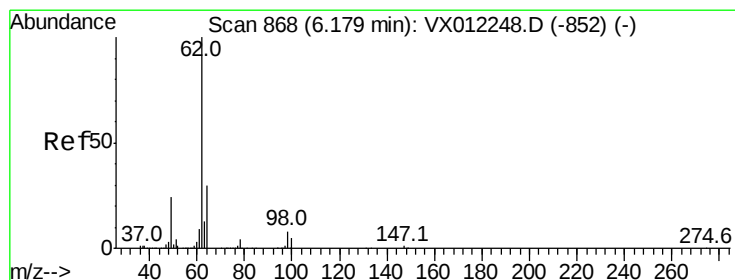
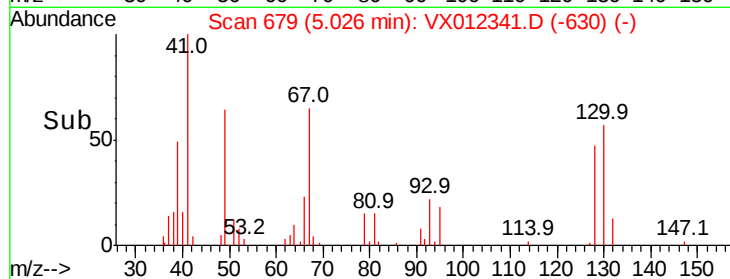
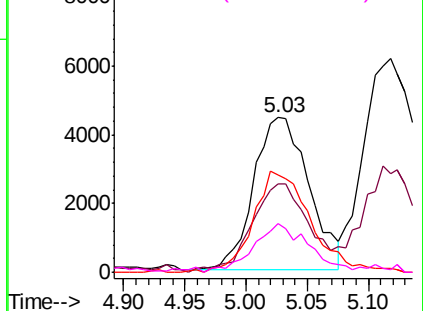
#41
Methacrylonitrile
Concen: 21.276 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	13875
Ion	Ratio	Lower	Upper
41	100		
39	59.5	49.0	73.4
67	69.1	55.0	82.4
52	31.7	25.4	38.0

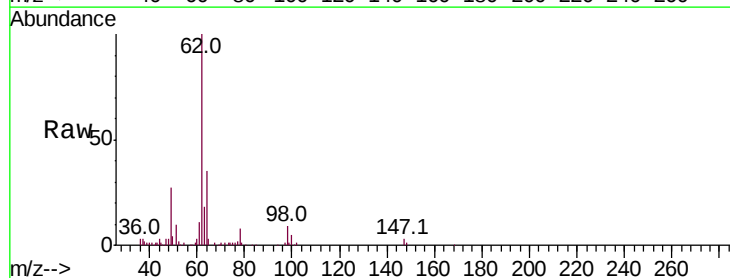


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

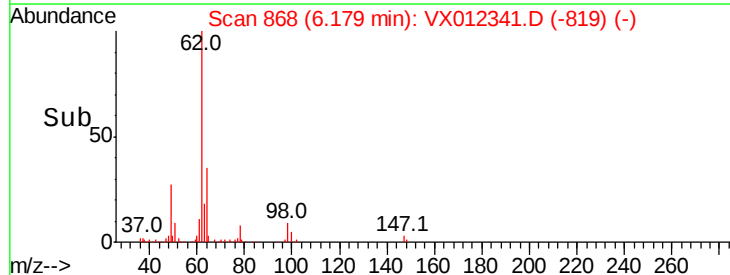
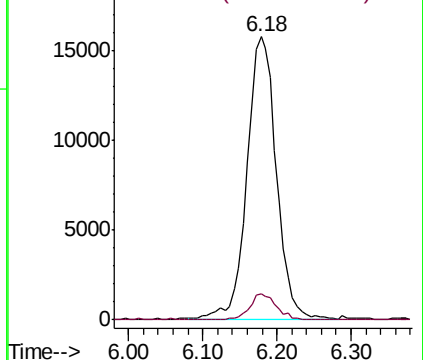


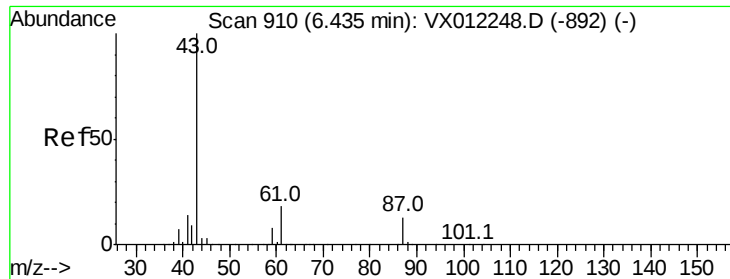
#42
1,2-Dichloroethane
Concen: 21.421 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Tgt Ion:	62	Resp:	43848
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2



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



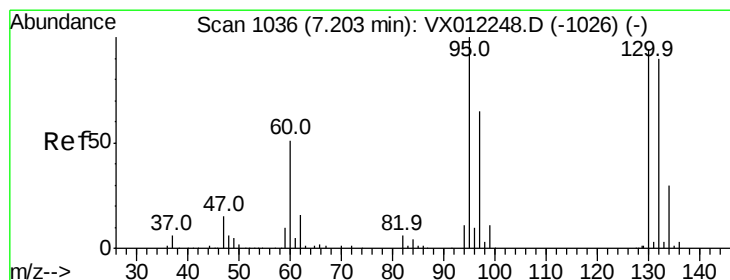
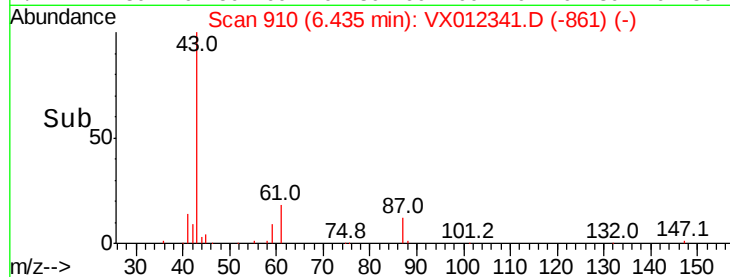
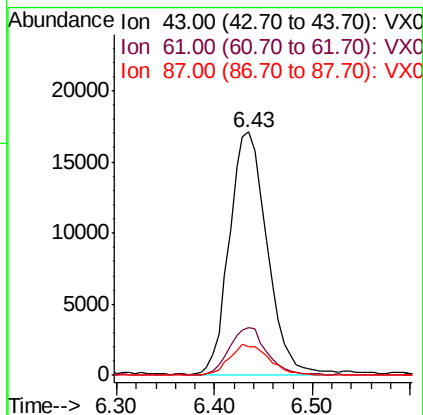
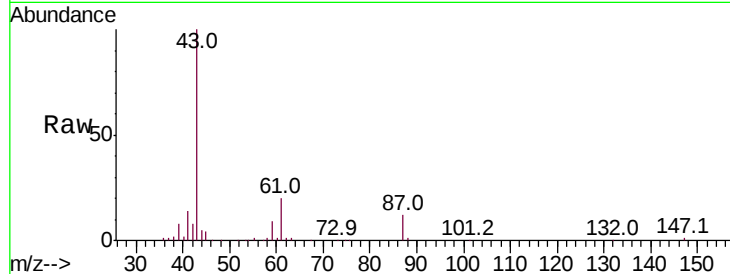


#43

Isopropyl Acetate
 Concen: 20.702 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

Instrument :
 MSVOA_X
 ClientSampleId :

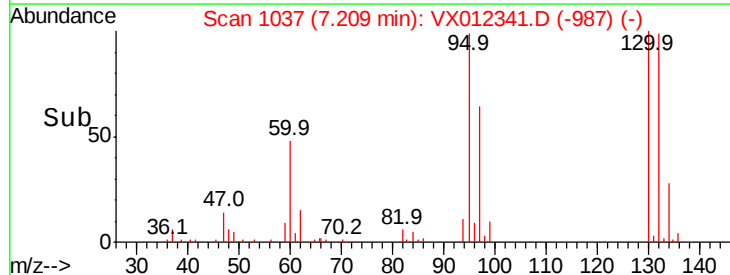
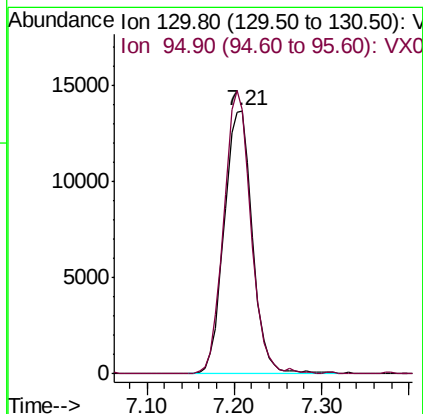
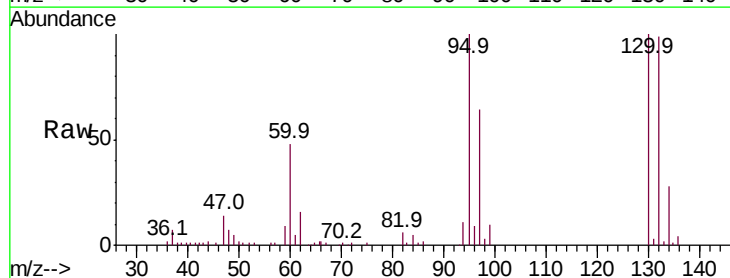
Tot Ion	43	Resp	46171
Ion Ratio	100	Lower	Upper
61	19.5	15.4	23.2
87	13.2	10.5	15.7

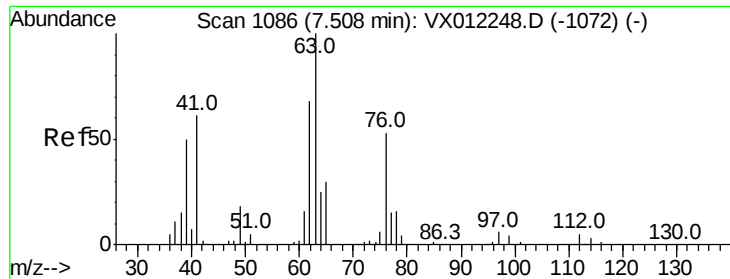


#44

Trichloroethene
 Concen: 21.949 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

Tgt Ion	130	Resp	30765
Ion Ratio	100	Lower	Upper
95	100.1	0.0	212.0

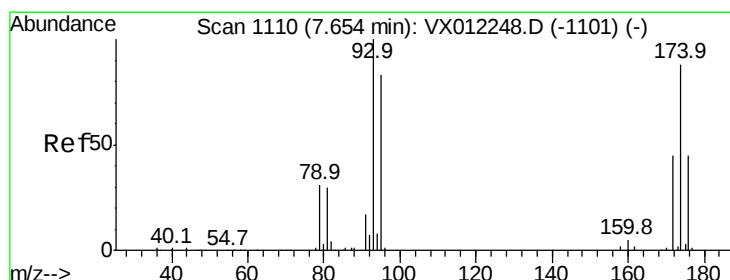
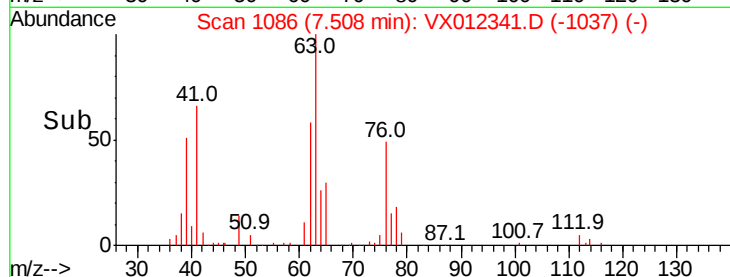
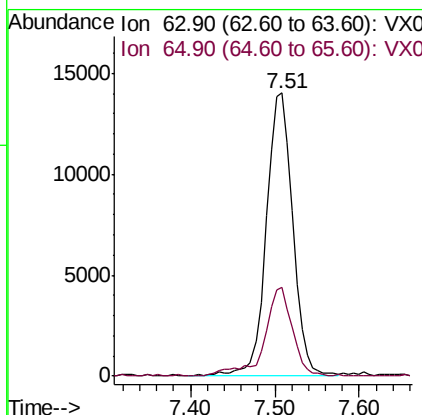
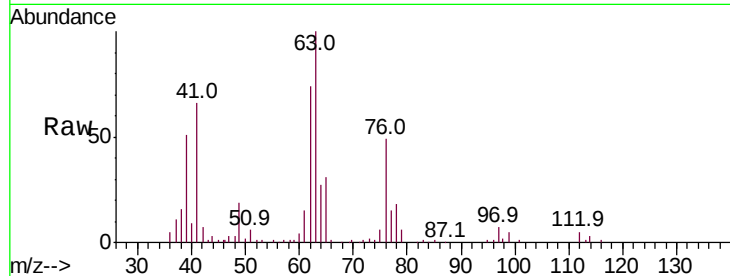




#45
 1,2-Dichloropropane
 Concen: 21.374 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

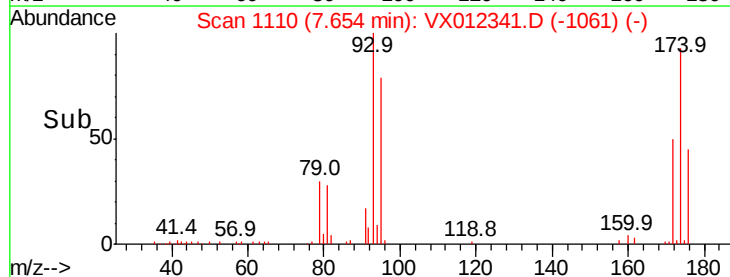
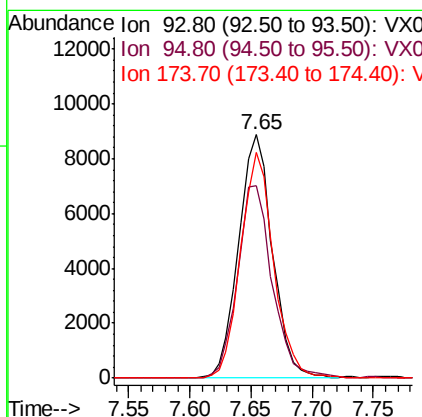
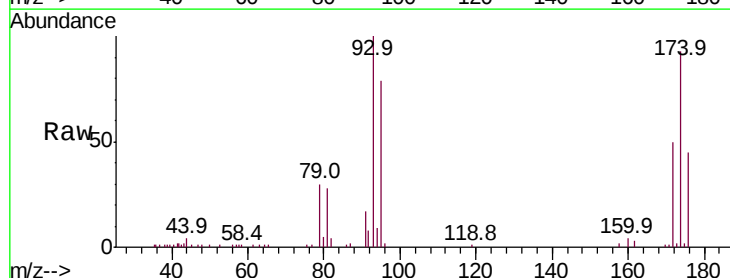
Instrument :
 MSVOA_X
 ClientSampleId :

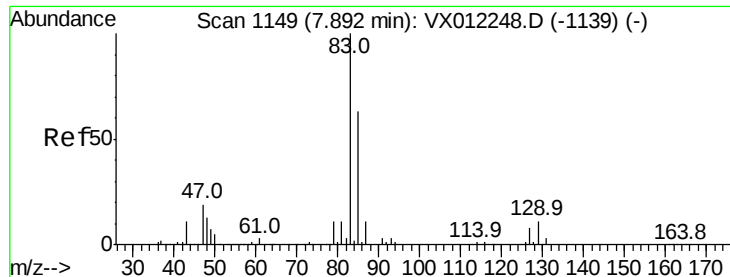
Tot Ion: 63 Resp: 30642
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.3 36.5



#46
 Dibromomethane
 Concen: 21.816 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

Tgt Ion: 93 Resp: 17093
 Ion Ratio Lower Upper
 93 100
 95 81.3 65.7 98.5
 174 90.4 71.0 106.4





#47

Bromodichloromethane

Concen: 19.937 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

Instrument :

MSVOA_X

ClientSampled :

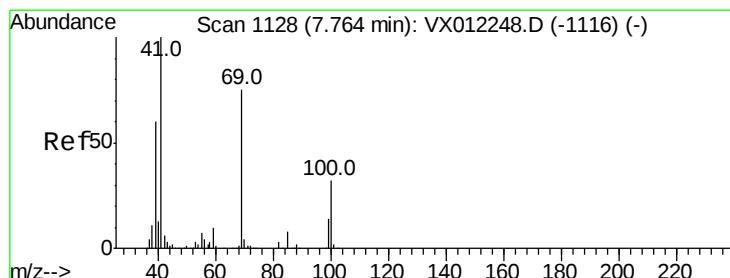
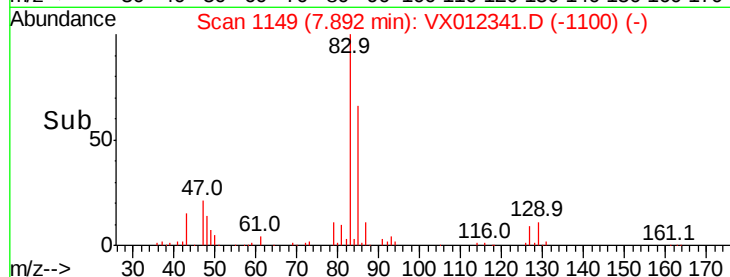
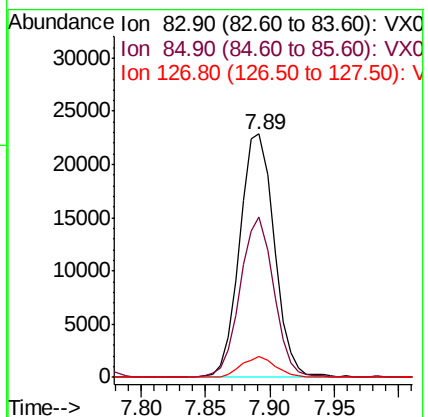
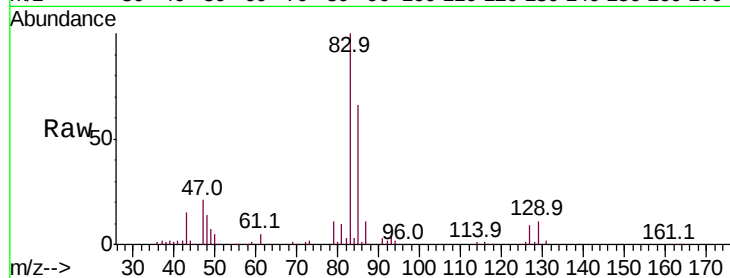
Tot Ion: 83 Resp: 42629

Ion Ratio Lower Upper

83 100

85 66.0 50.2 75.4

127 8.8 6.3 9.5



#48

Methyl methacrylate

Concen: 20.307 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

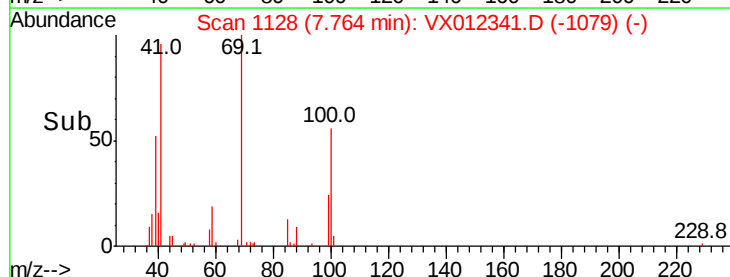
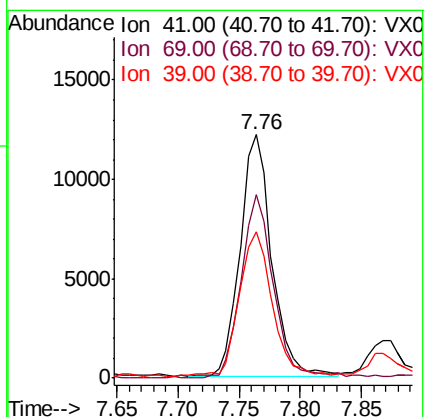
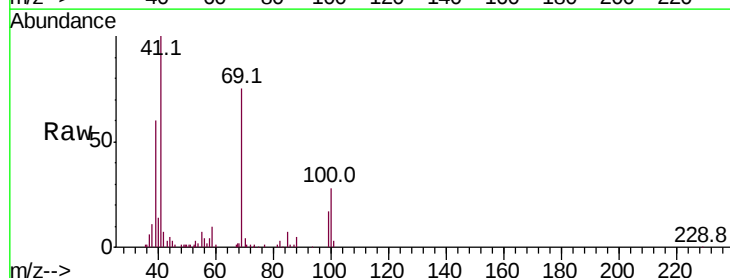
Tgt Ion: 41 Resp: 21678

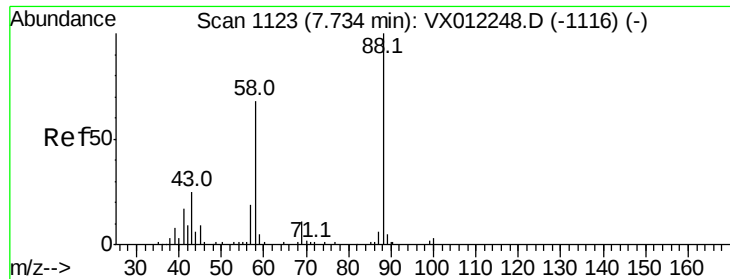
Ion Ratio Lower Upper

41 100

69 78.4 61.8 92.6

39 62.2 48.6 73.0

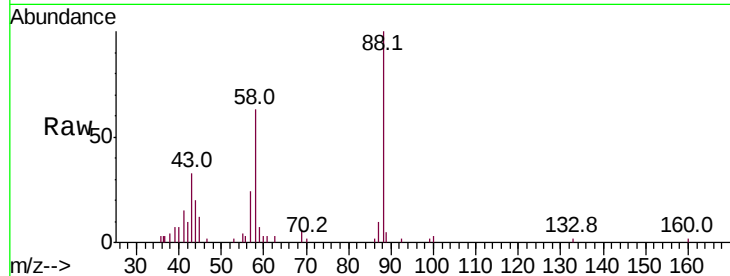




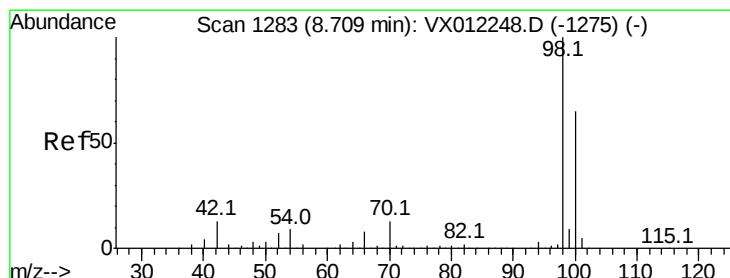
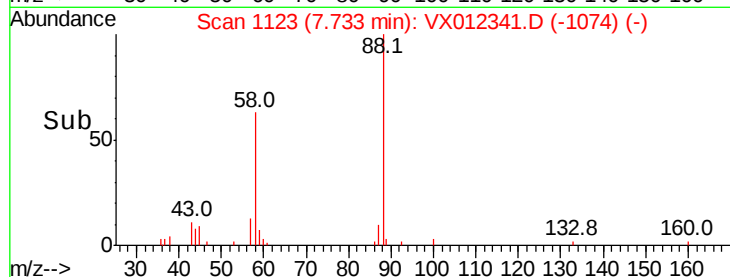
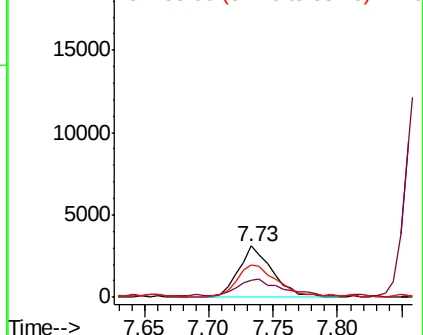
#49
1,4-Dioxane
Concen: 394.105 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 5677
Ion Ratio Lower Upper
88 100
43 42.0 31.0 46.4
58 78.1 61.5 92.3

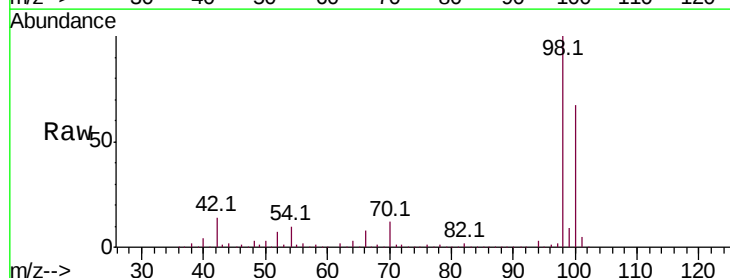


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

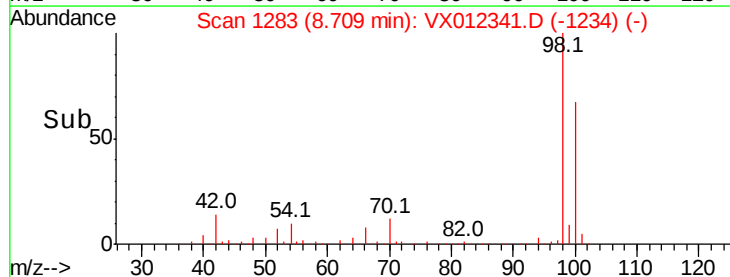
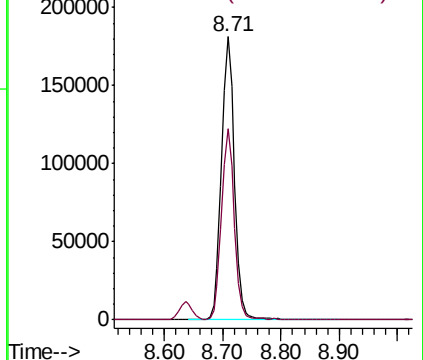


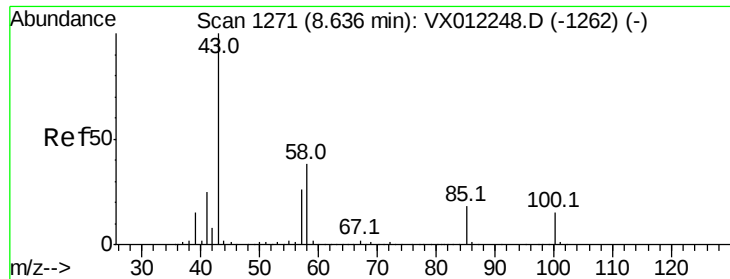
#50
Toluene-d8
Concen: 52.905 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Tgt Ion: 98 Resp: 279157
Ion Ratio Lower Upper
98 100
100 65.8 54.1 81.1



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





#51

4-Methyl-2-Pentanone

Concen: 101.264 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

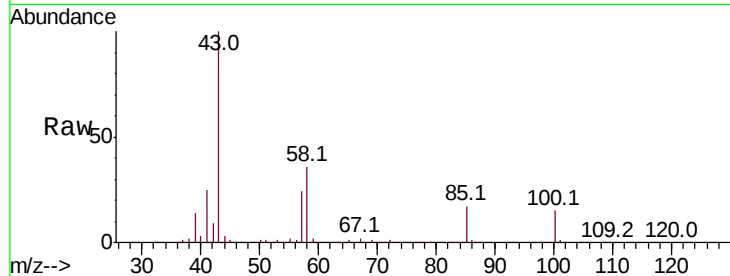
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 119193

Ion Ratio Lower Upper

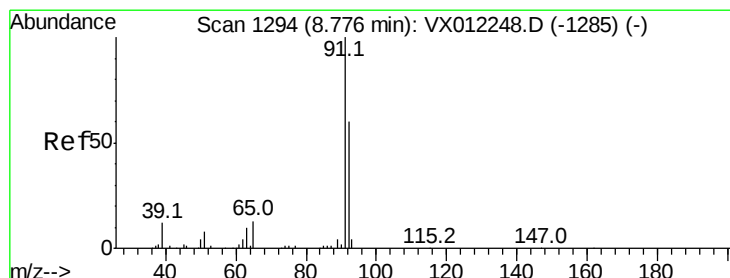
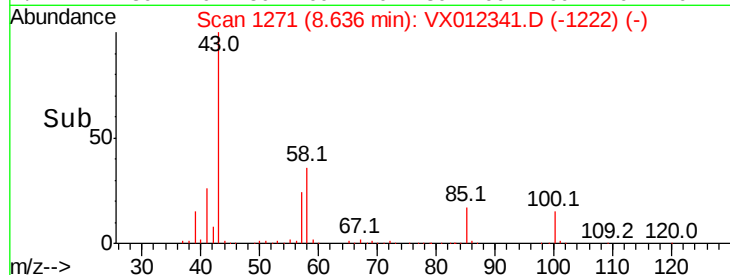
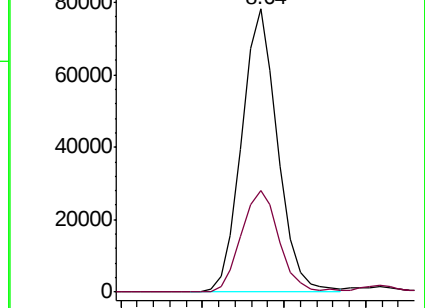
43 100

58 38.1 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: 21.499 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012341.D

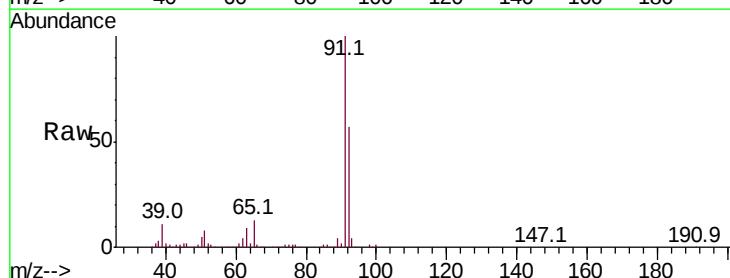
Acq: 12 Sep 2019 11:17

Tgt Ion: 92 Resp: 73547

Ion Ratio Lower Upper

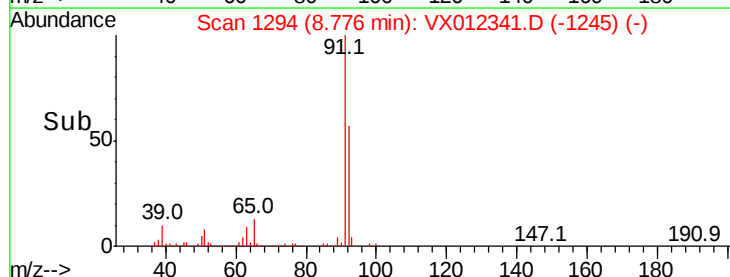
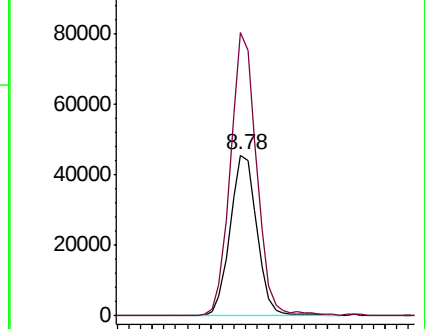
92 100

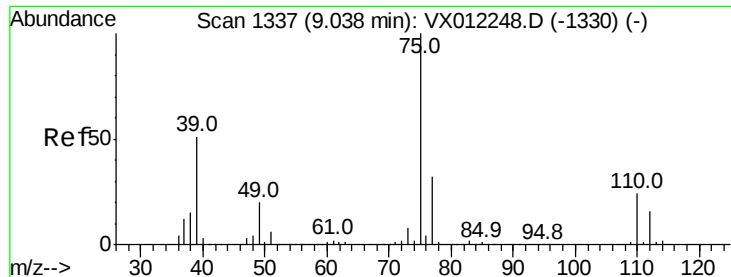
91 170.3 133.6 200.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

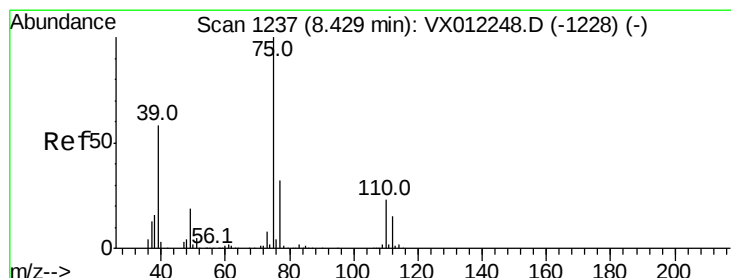
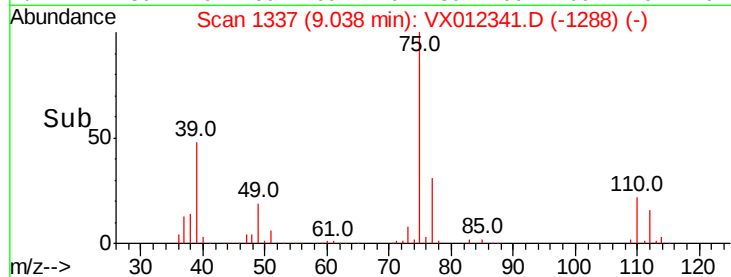
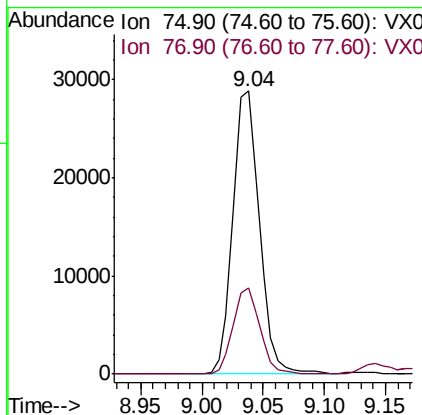
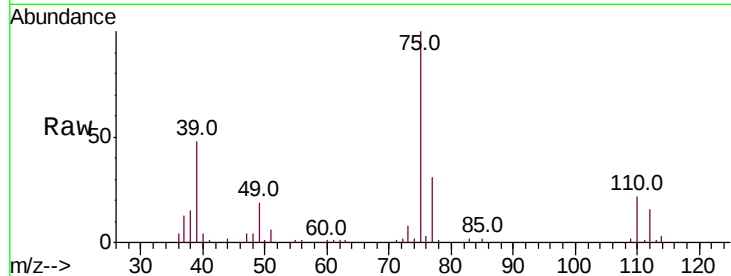




#53
 t-1,3-Dichloropropene
 Concen: 20.353 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

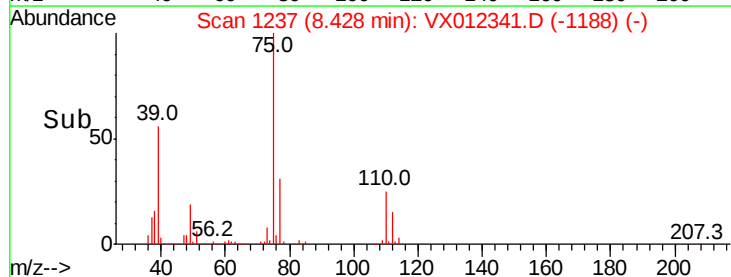
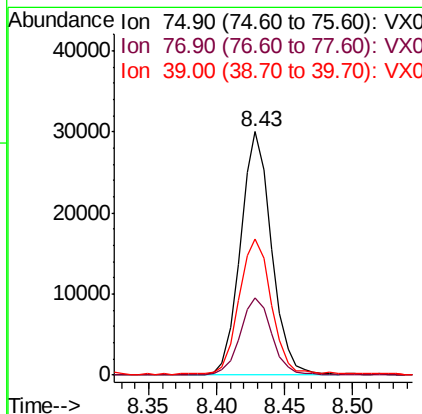
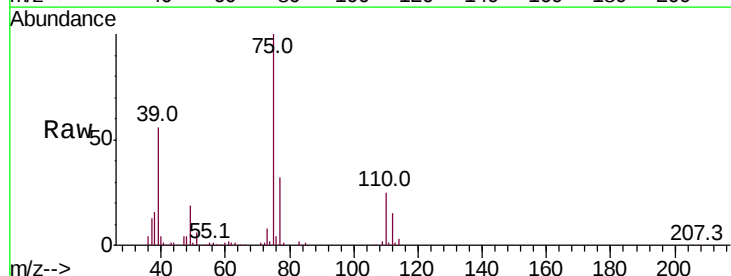
Instrument :
 MSVOA_X
 ClientSampleId :

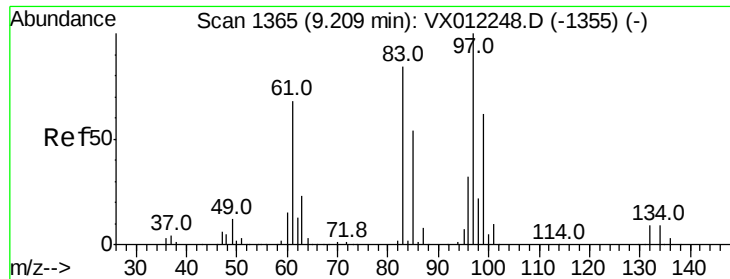
Tot Ion: 75 Resp: 43435
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.227 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

Tgt Ion: 75 Resp: 47867
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2
 39 55.5 46.5 69.7

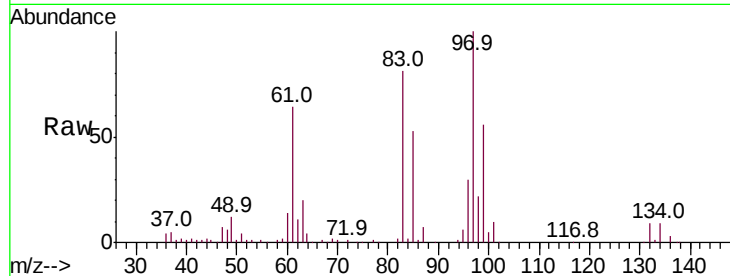




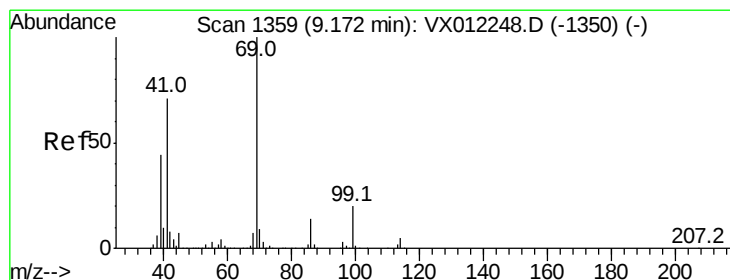
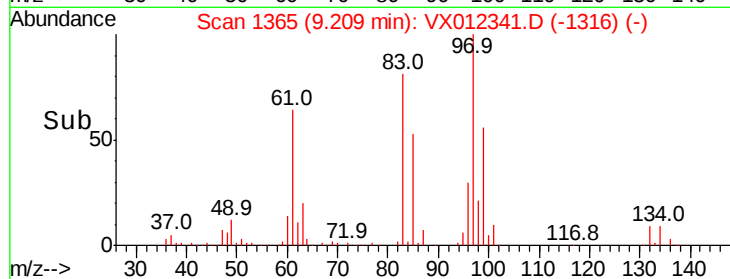
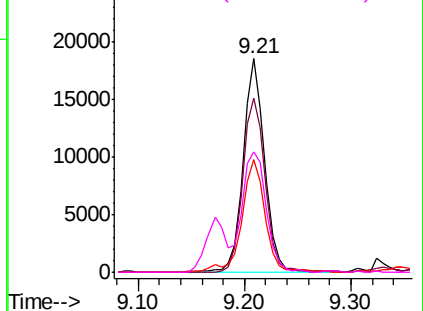
#55
 1,1,2-Trichloroethane
 Concen: 21.522 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 97 Resp: 26125
 Ion Ratio Lower Upper
 97 100
 83 81.4 67.4 101.2
 85 52.9 43.4 65.2
 99 56.3 49.8 74.6

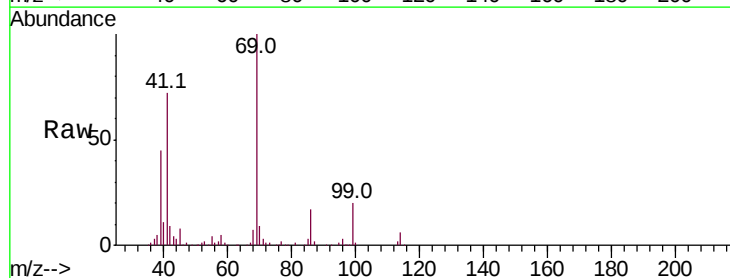


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

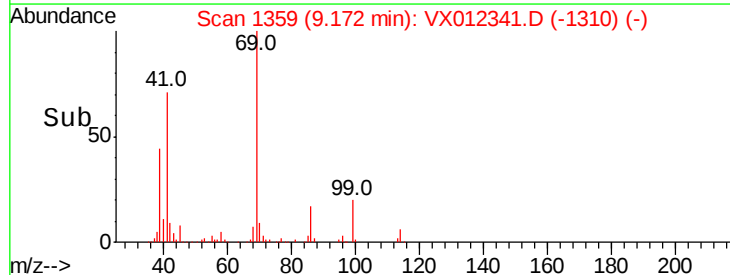
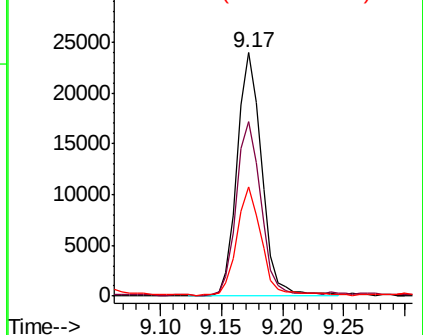


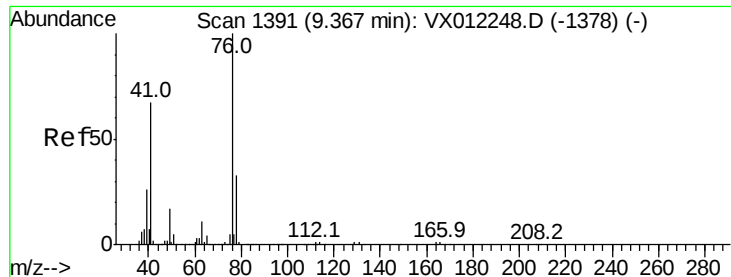
#56
 Ethyl methacrylate
 Concen: 20.328 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

Tgt Ion: 69 Resp: 33410
 Ion Ratio Lower Upper
 69 100
 41 70.8 57.7 86.5
 39 44.2 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: 21.827 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

Instrument :

MSVOA_X

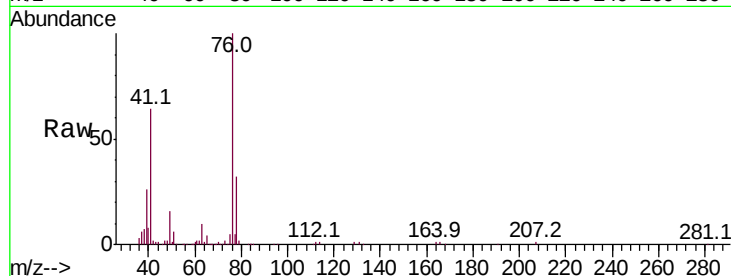
ClientSampleId :

Tot Ion: 76 Resp: 45252

Ion Ratio Lower Upper

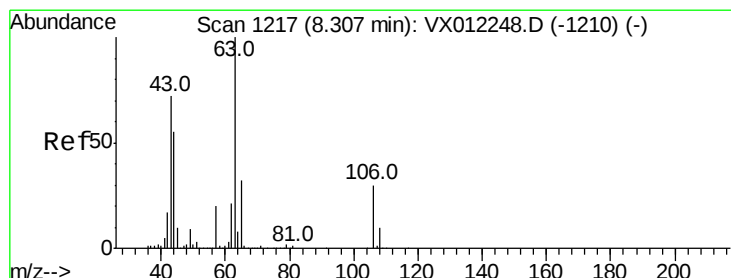
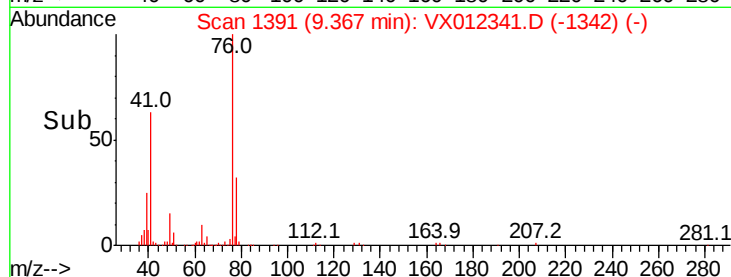
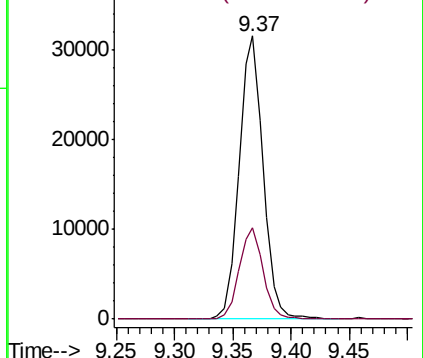
76 100

78 32.2 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: 102.405 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012341.D

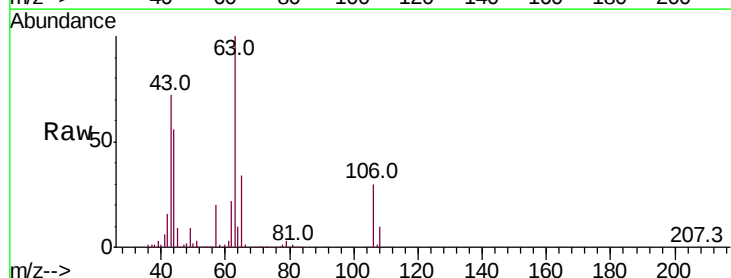
Acq: 12 Sep 2019 11:17

Tgt Ion: 63 Resp: 86262

Ion Ratio Lower Upper

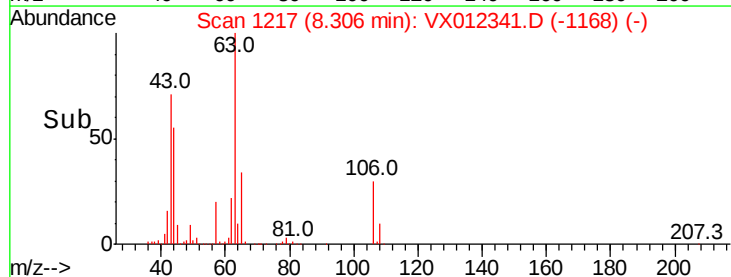
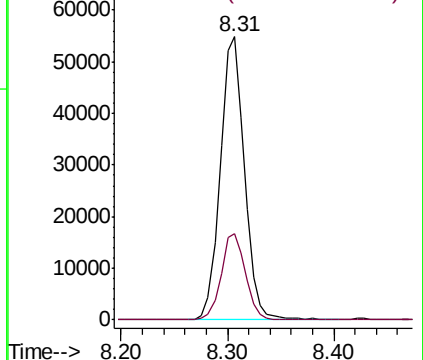
63 100

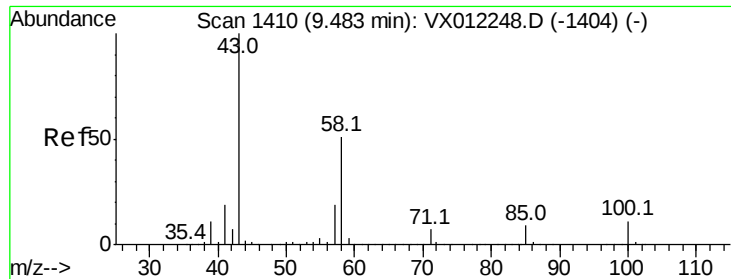
106 30.7 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

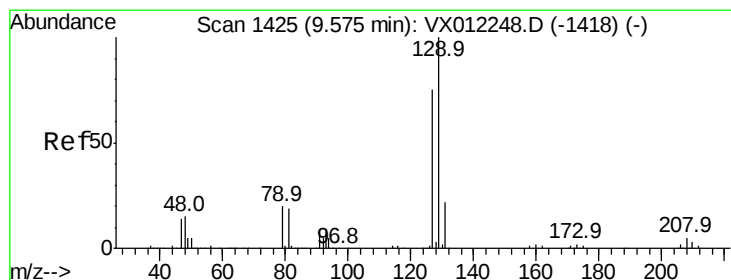
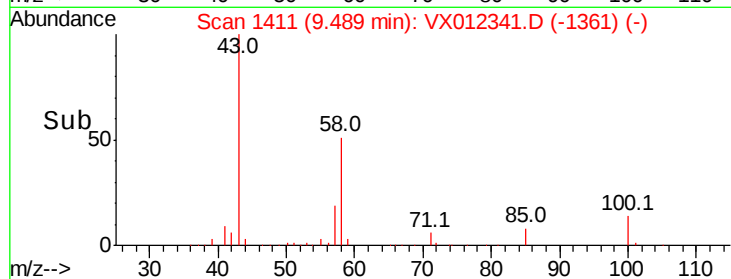
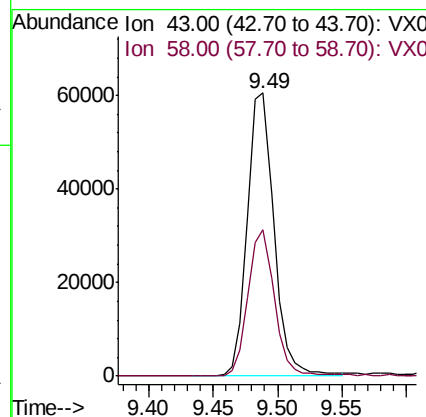
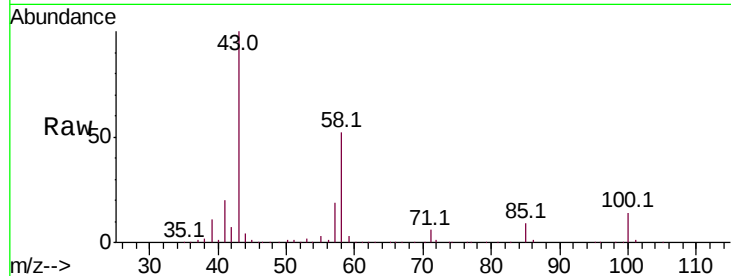




#59
2-Hexanone
Concen: 105.313 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

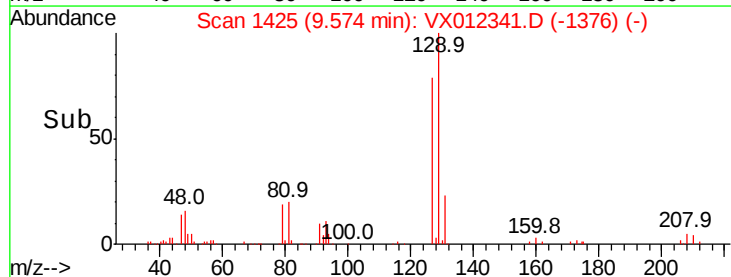
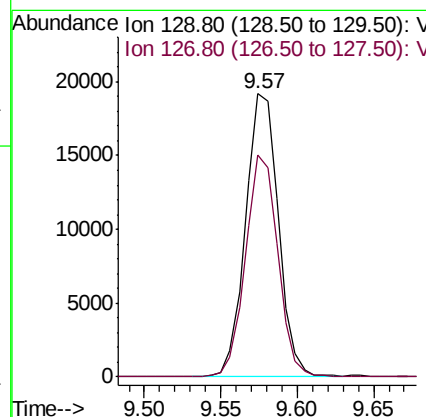
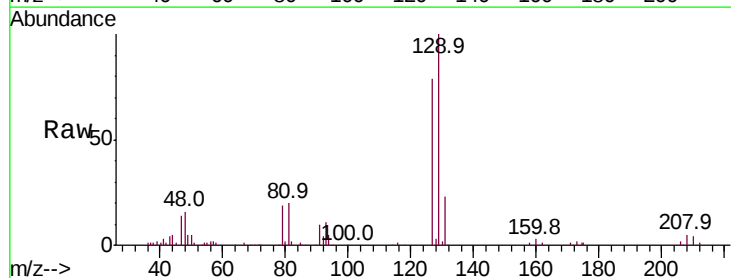
Instrument :
MSVOA_X
ClientSampleId :

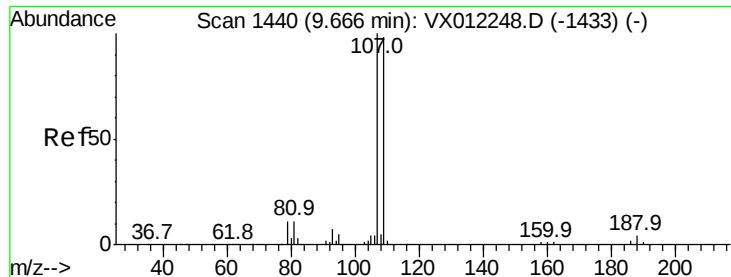
Tot Ion: 43 Resp: 86190
Ion Ratio Lower Upper
43 100
58 52.3 25.8 77.3



#60
Dibromochloromethane
Concen: 20.168 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Tgt Ion: 129 Resp: 28580
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.3

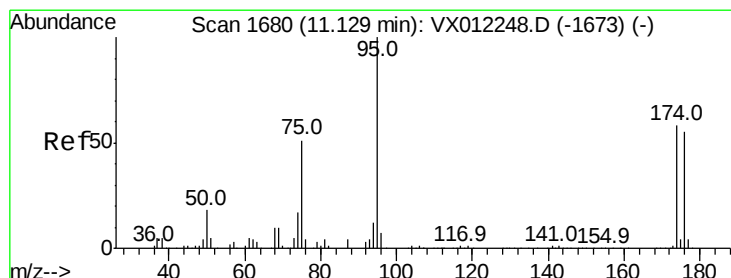
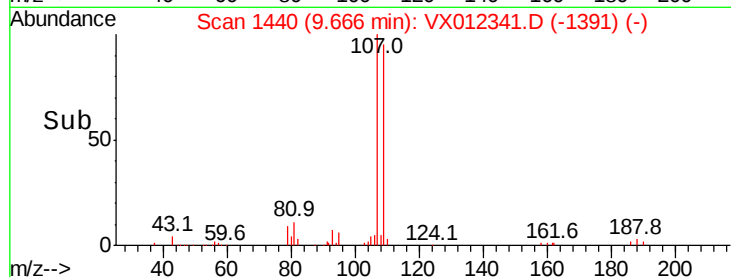
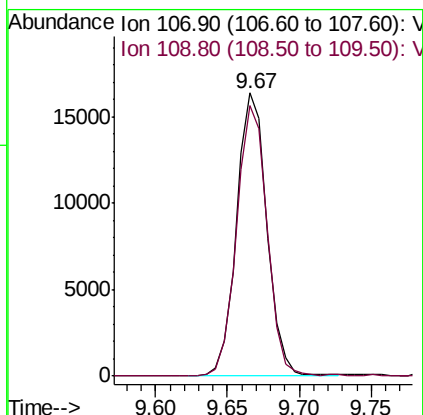
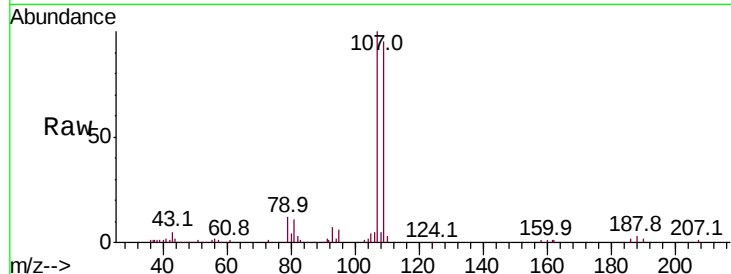




#61
 1,2-Dibromoethane
 Concen: 21.239 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

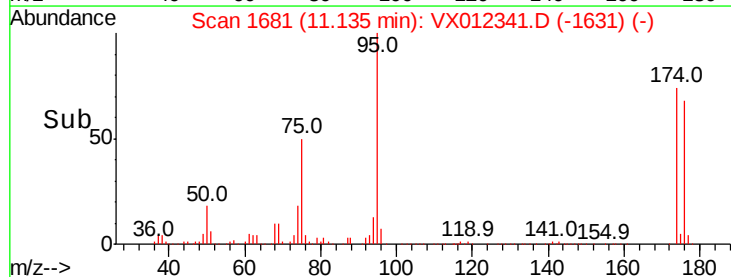
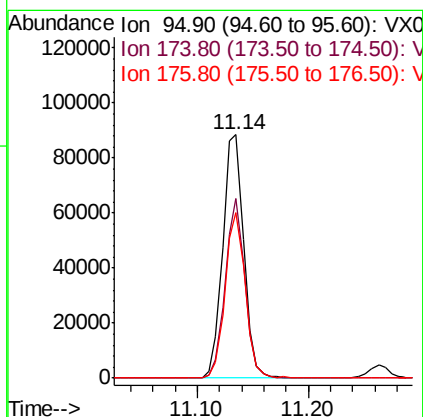
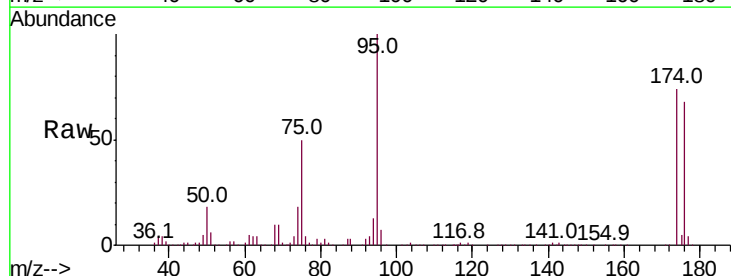
Instrument :
 MSVOA_X
 ClientSampleId :

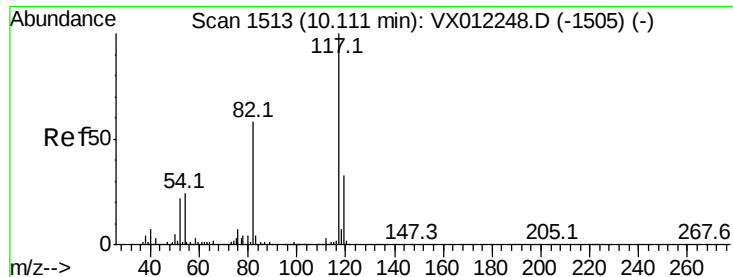
Tot Ion:107 Resp: 23998
 Ion Ratio Lower Upper
 107 100
 109 96.2 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 47.331 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

Tgt Ion: 95 Resp: 115783
 Ion Ratio Lower Upper
 95 100
 174 68.4 0.0 127.0
 176 64.8 0.0 125.8

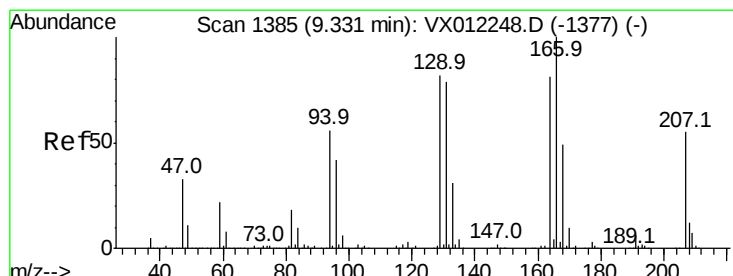
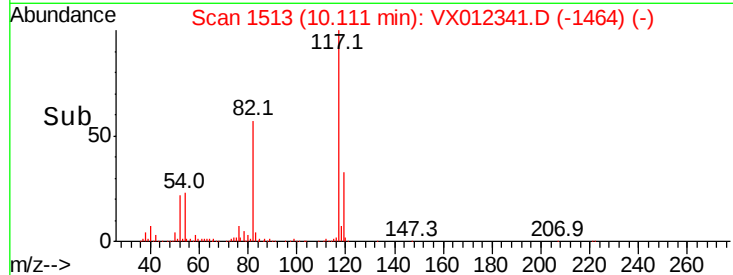
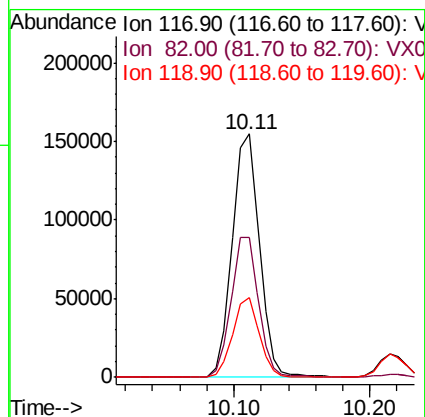
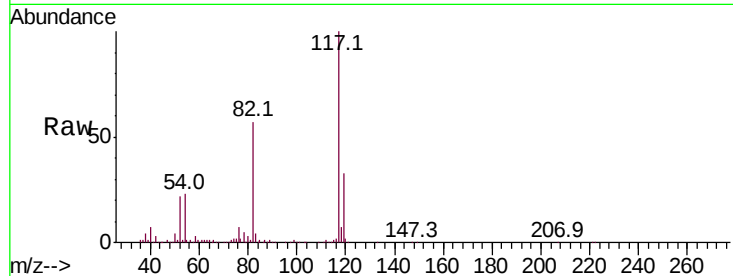




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

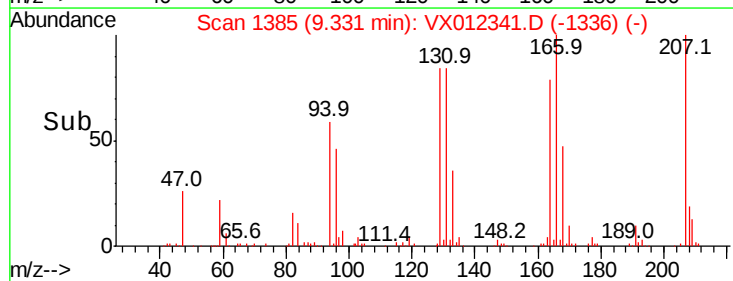
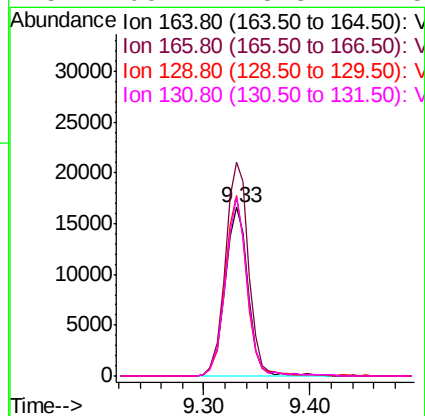
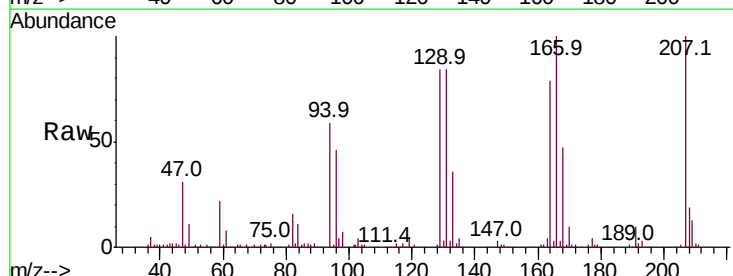
Instrument :
MSVOA_X
ClientSampleId :

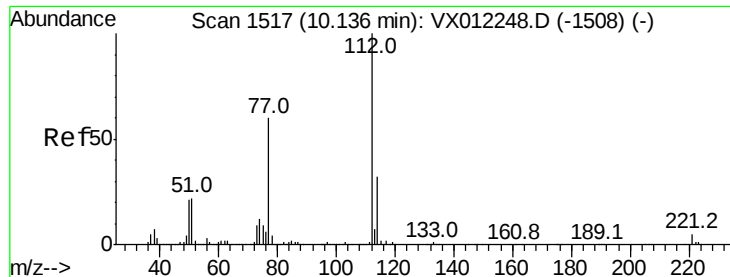
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.4	69.6
119	32.5	26.6	39.8



#64
Tetrachloroethene
Concen: 21.771 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	99.4	149.0
129	106.9	81.8	122.8
131	106.4	78.3	117.5

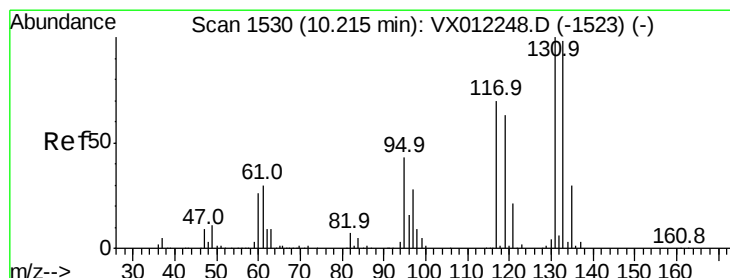
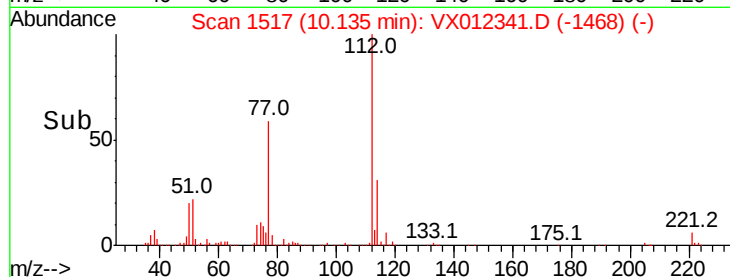
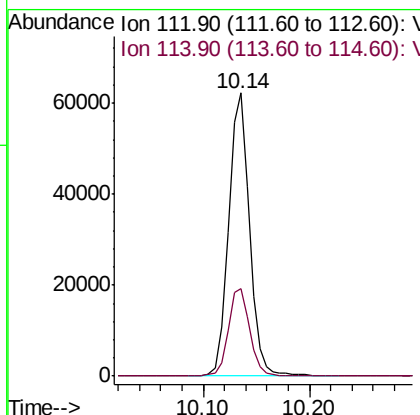
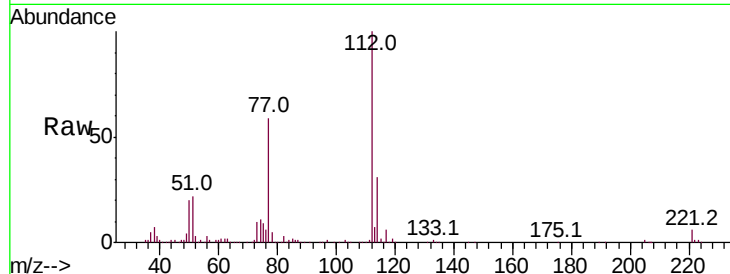




#65
Chlorobenzene
Concen: 21.638 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

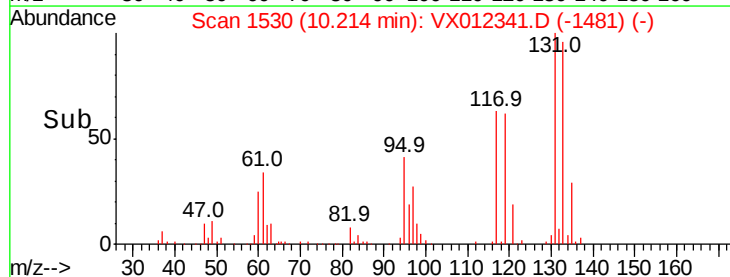
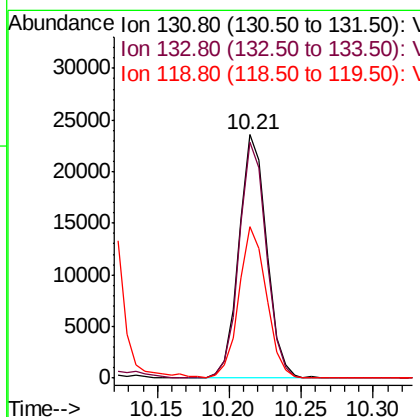
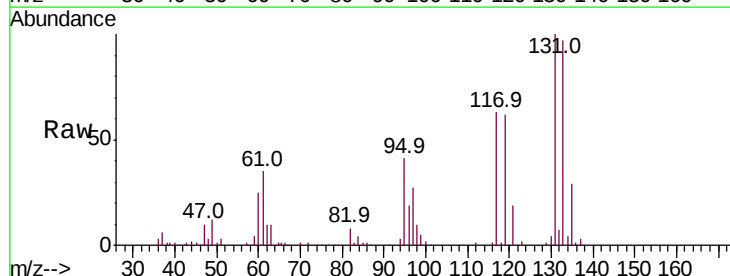
Instrument :
MSVOA_X
ClientSampleId :

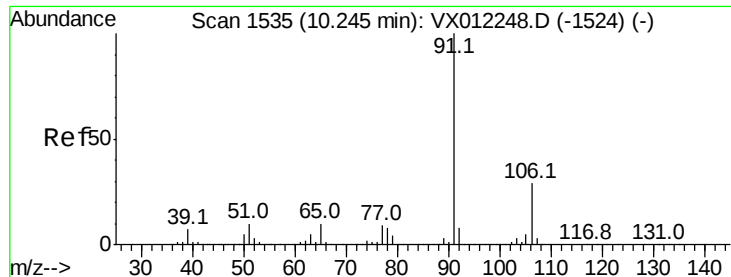
Tot Ion:112 Resp: 85482
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.215 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Tgt Ion:131 Resp: 31594
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.2
119 61.6 31.6 95.0

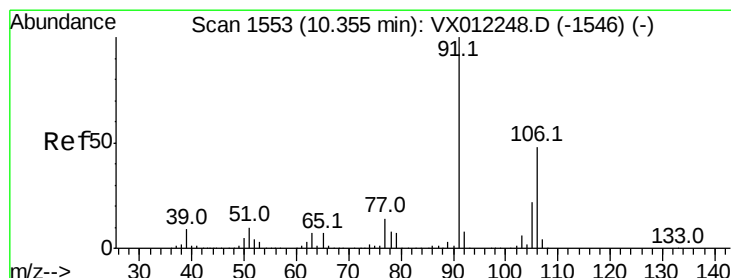
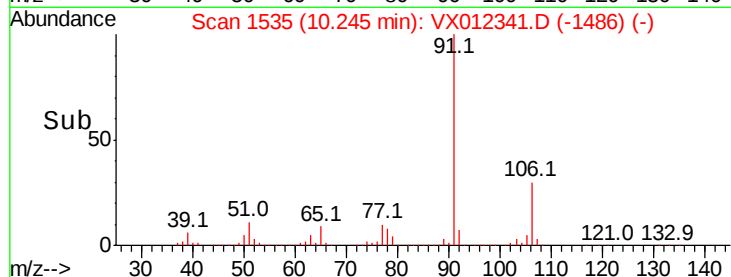
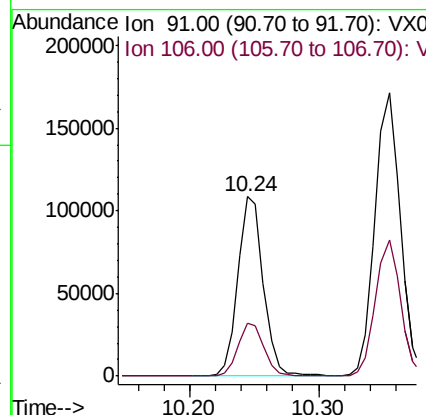
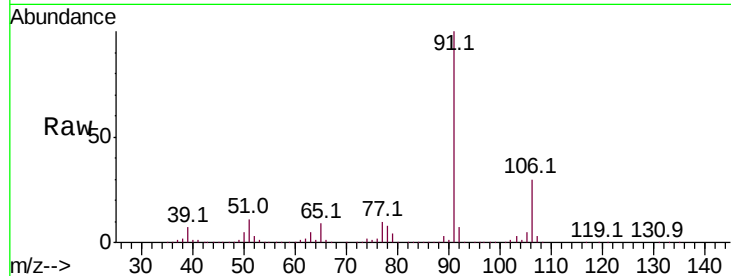




#67
Ethyl Benzene
Concen: 21.378 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

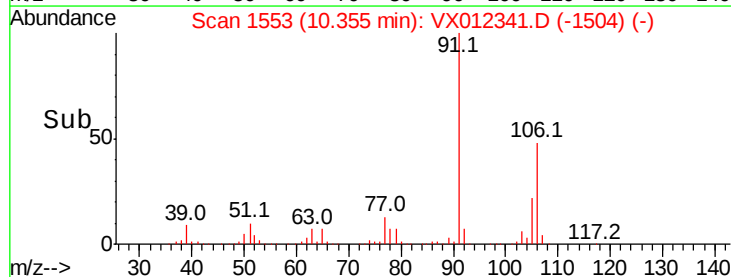
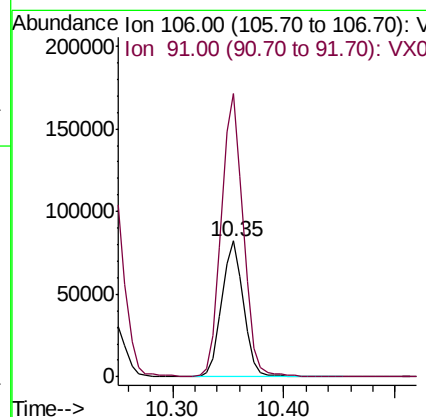
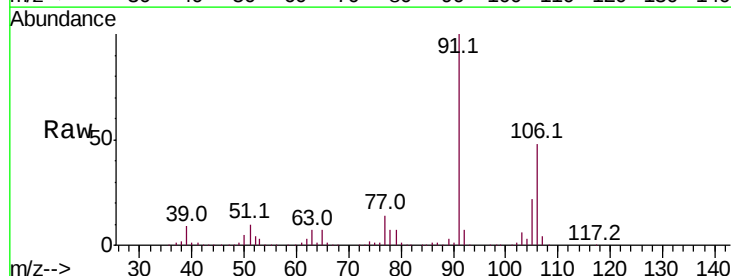
Instrument :
MSVOA_X
ClientSampleId :

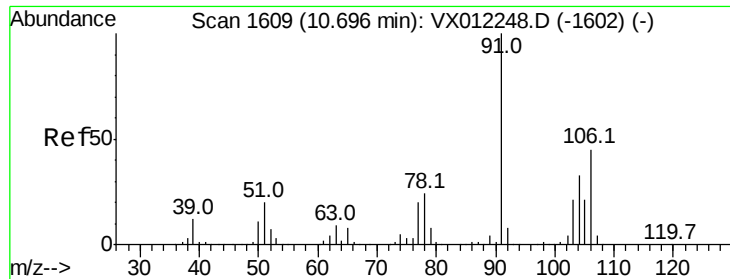
Tot Ion: 91 Resp: 150207
Ion Ratio Lower Upper
91 100
106 29.8 23.1 34.7



#68
m/p-Xylenes
Concen: 43.326 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Tgt Ion: 106 Resp: 112063
Ion Ratio Lower Upper
106 100
91 209.1 167.0 250.6

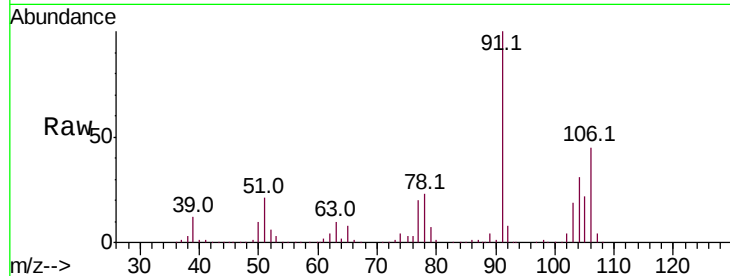




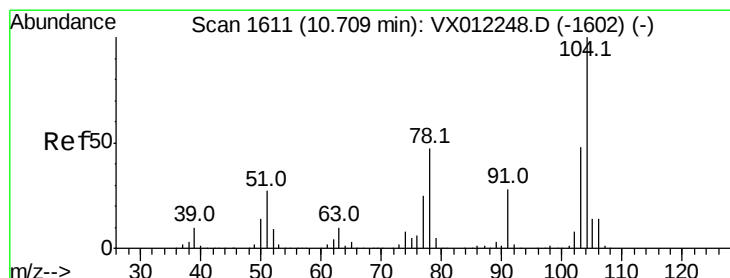
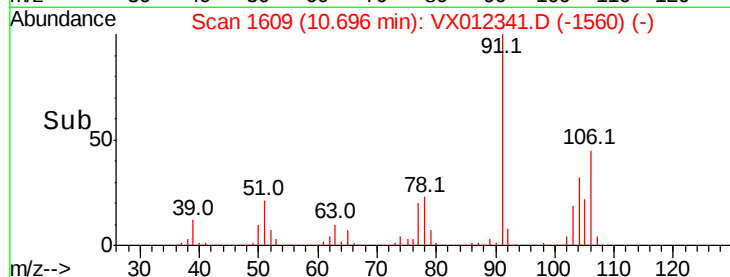
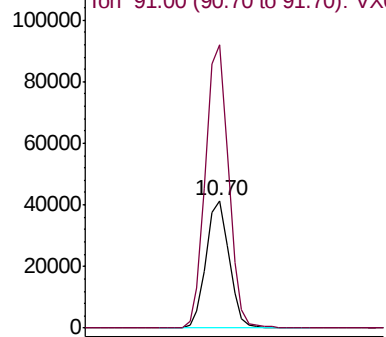
#69
o-Xylene
Concen: 21.332 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 54050
Ion Ratio Lower Upper
106 100
91 221.7 110.5 331.4

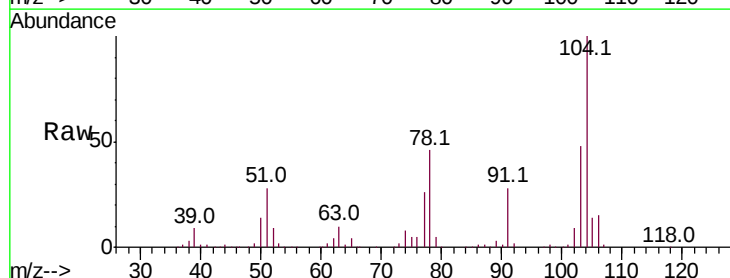


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

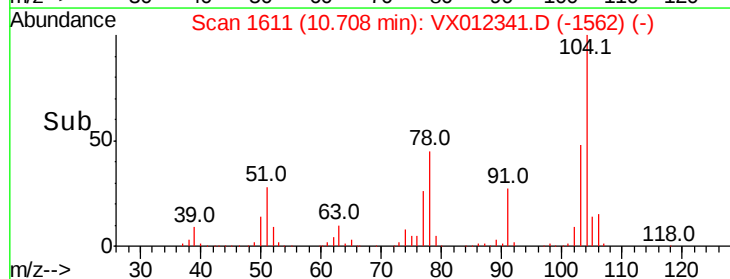
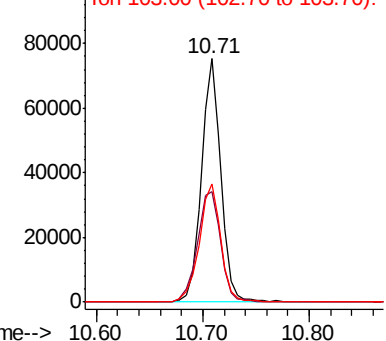


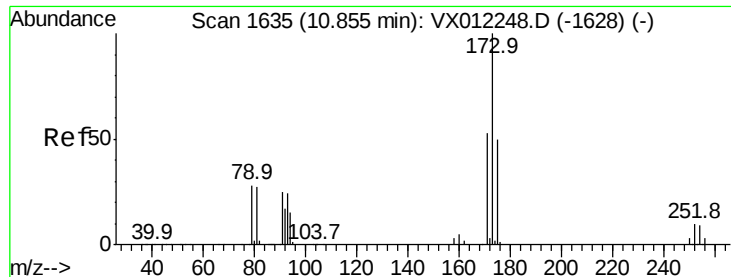
#70
Styrene
Concen: 21.434 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Tgt Ion:104 Resp: 96314
Ion Ratio Lower Upper
104 100
78 54.8 44.2 66.2
103 53.6 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: 19.698 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

Instrument :

MSVOA_X

ClientSampleId :

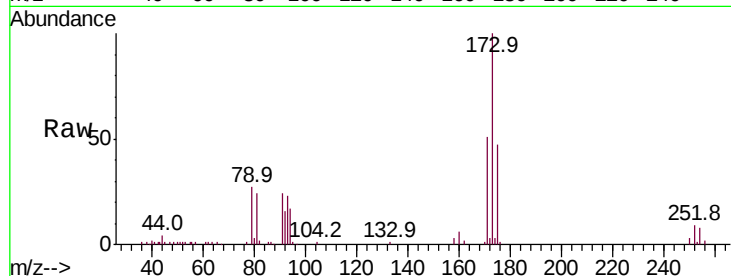
Tot Ion:173 Resp: 15212

Ion Ratio Lower Upper

173 100

175 47.9 24.5 73.5

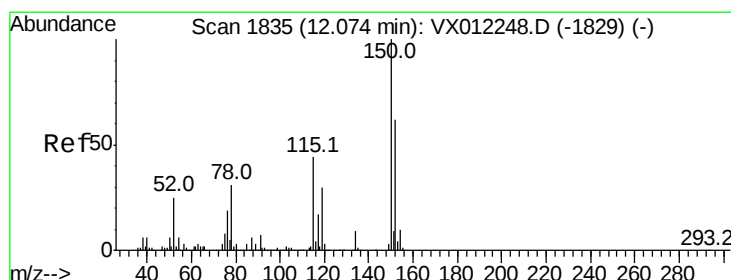
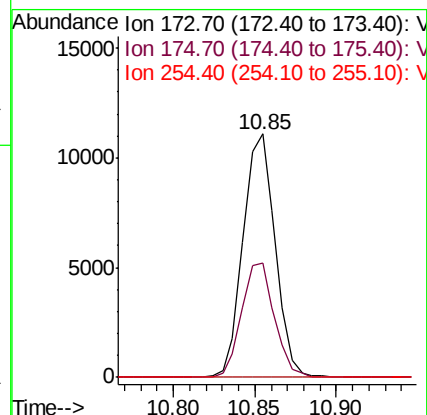
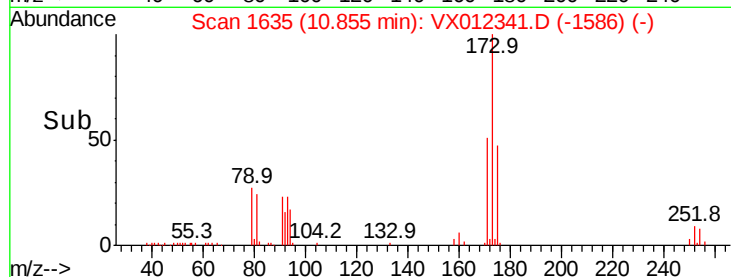
254 0.0 0.2 0.4#



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: VX012341.D

Acq: 12 Sep 2019 11:17

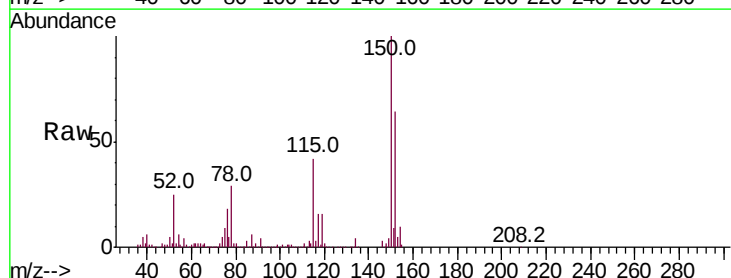
Tgt Ion:152 Resp: 110115

Ion Ratio Lower Upper

152 100

115 73.8 45.5 136.4

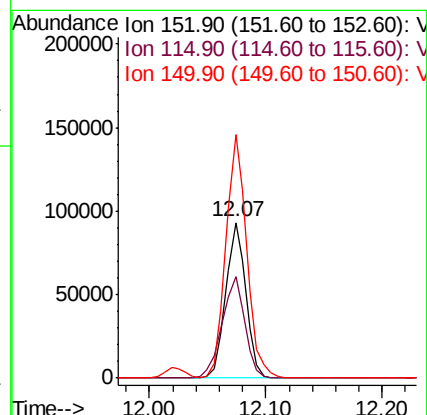
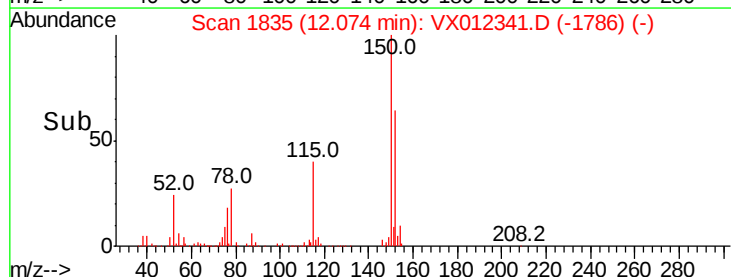
150 163.4 0.0 346.4

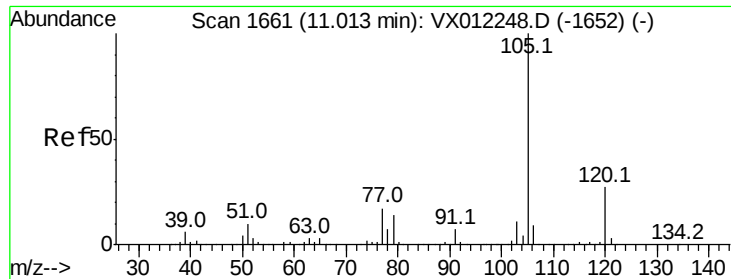


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

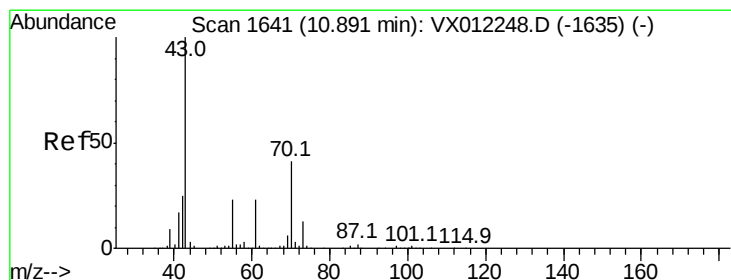
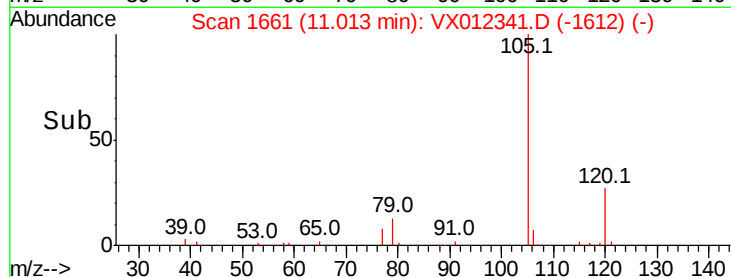
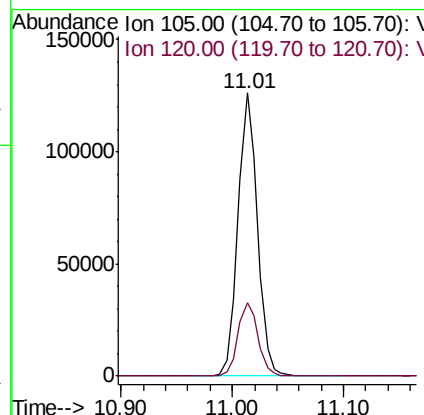
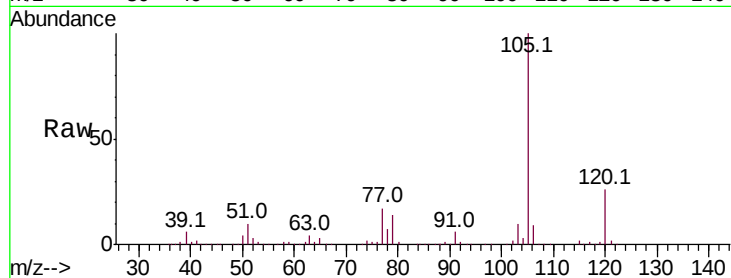




#73
Isopropylbenzene
Concen: 21.040 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

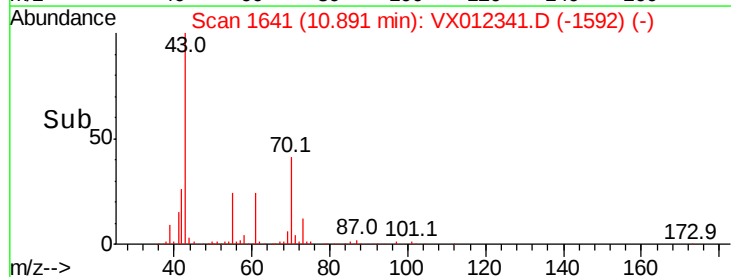
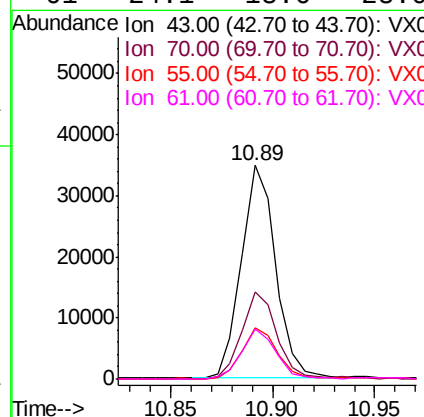
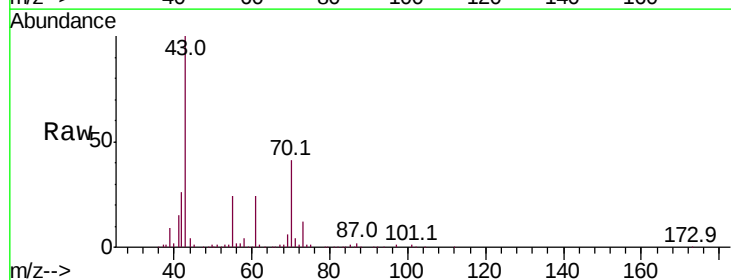
Instrument :
MSVOA_X
ClientSampled :

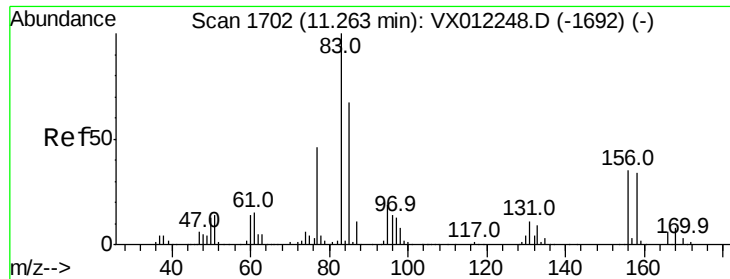
Tot Ion:105 Resp: 152523
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5



#74
N-ethyl acetate
Concen: 18.943 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Tgt Ion: 43 Resp: 40831
Ion Ratio Lower Upper
43 100
70 42.7 32.9 49.3
55 24.3 19.1 28.7
61 24.1 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.698 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

Instrument :

MSVOA_X

ClientSampleId :

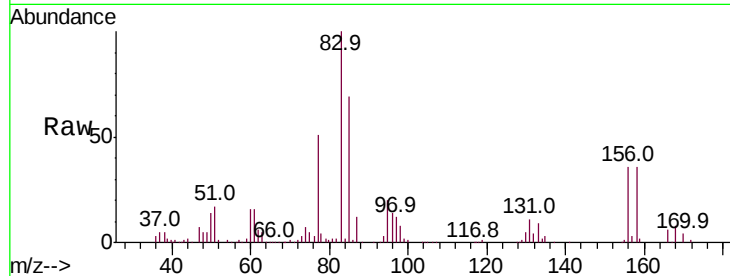
Tot Ion: 83 Resp: 32225

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

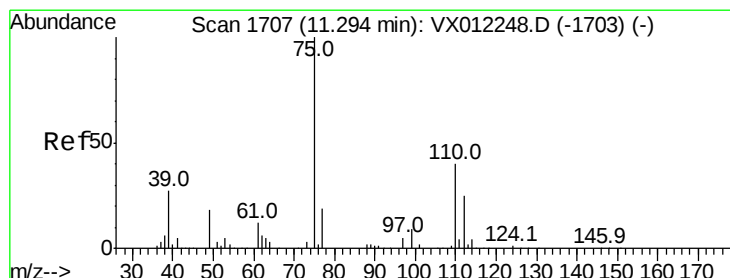
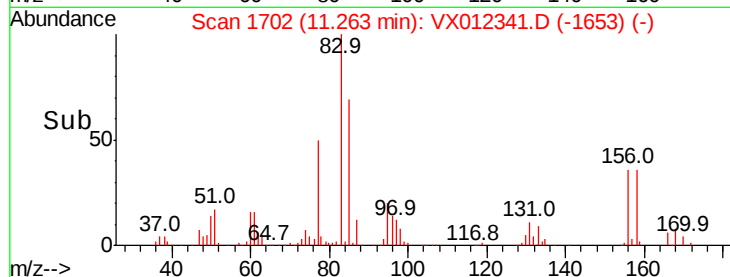
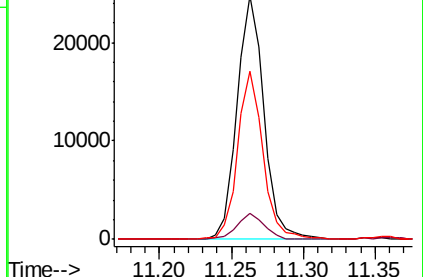
85 65.3 32.8 98.4



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: 23.718 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012341.D

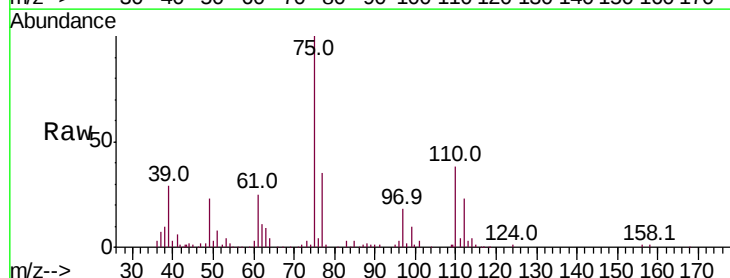
Acq: 12 Sep 2019 11:17

Tgt Ion: 75 Resp: 33551

Ion Ratio Lower Upper

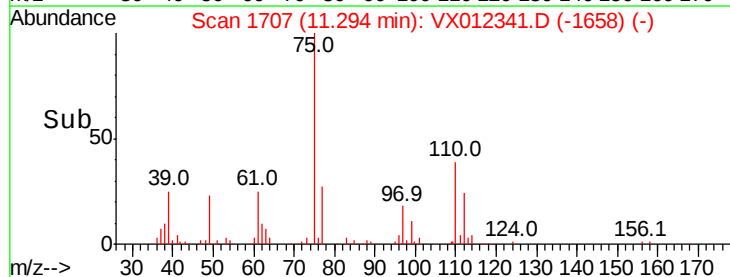
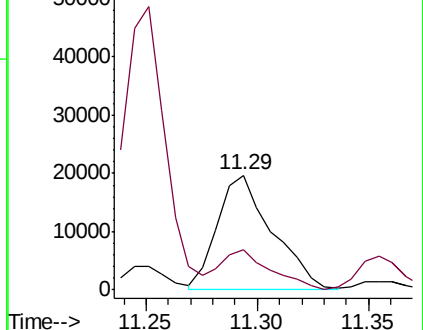
75 100

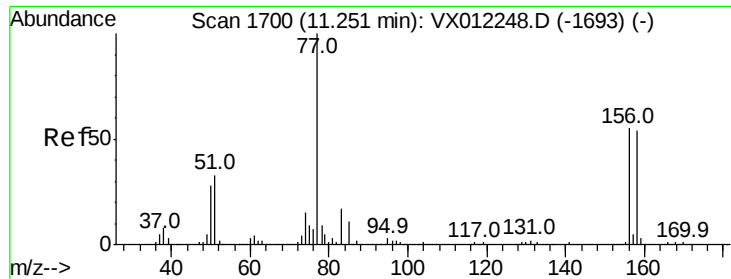
77 32.3 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.135 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

Instrument :

MSVOA_X

ClientSampleId :

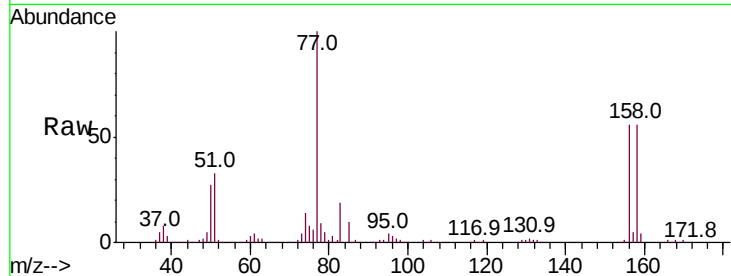
Tot Ion:156 Resp: 35274

Ion Ratio Lower Upper

156 100

77 182.7 92.2 276.6

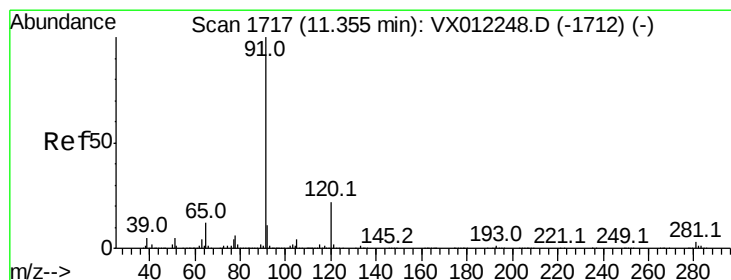
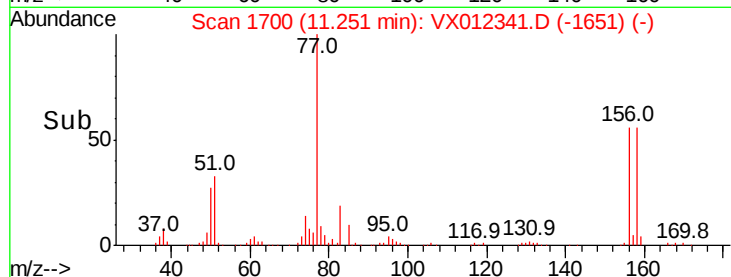
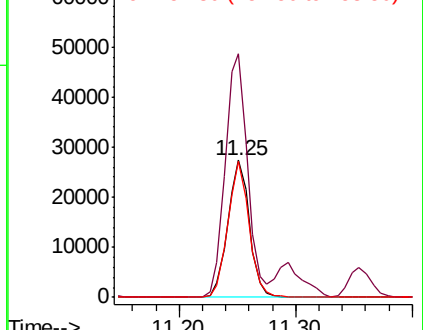
158 97.6 48.8 146.3



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: 20.431 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012341.D

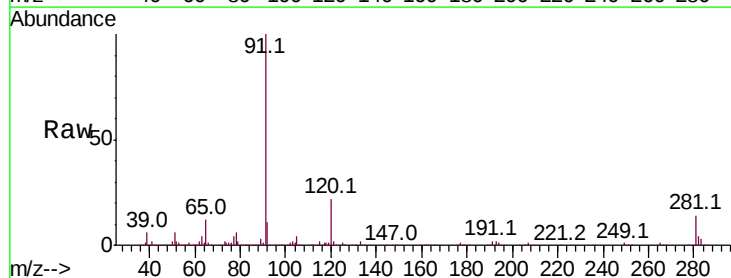
Acq: 12 Sep 2019 11:17

Tgt Ion: 91 Resp: 178856

Ion Ratio Lower Upper

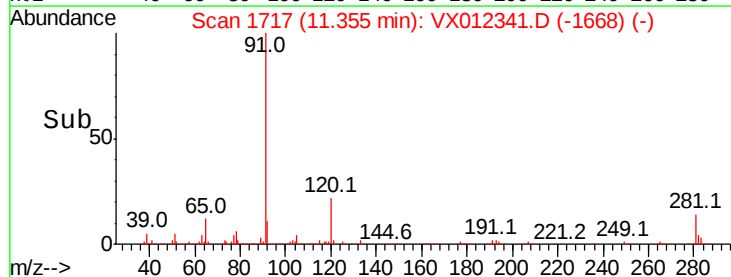
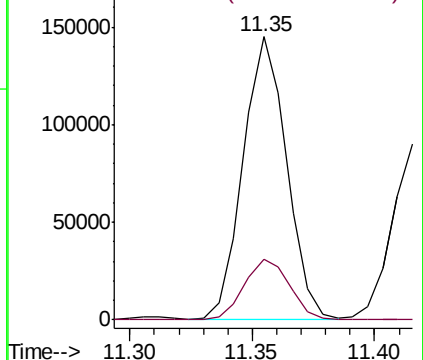
91 100

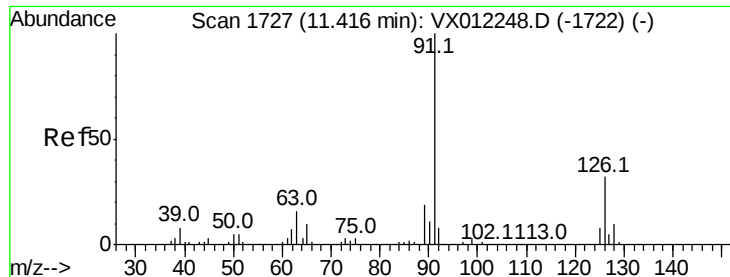
120 22.6 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

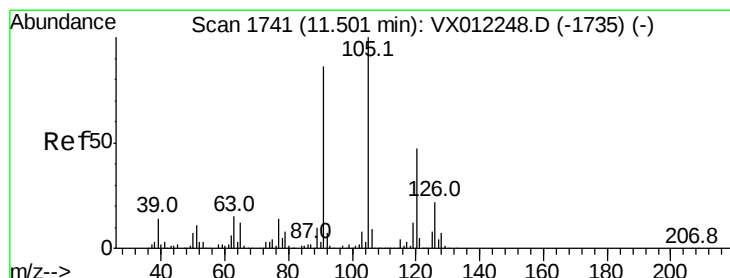
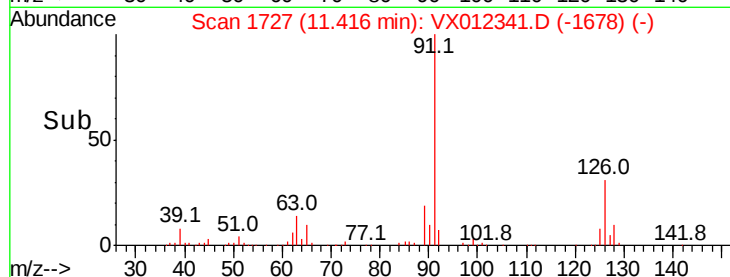
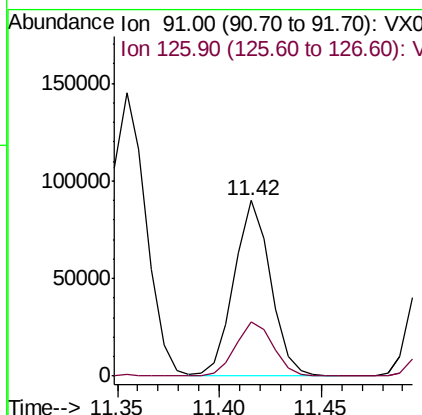
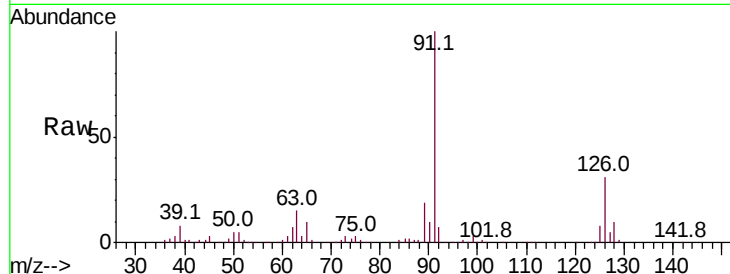




#79
 2-Chlorotoluene
 Concen: 20.404 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

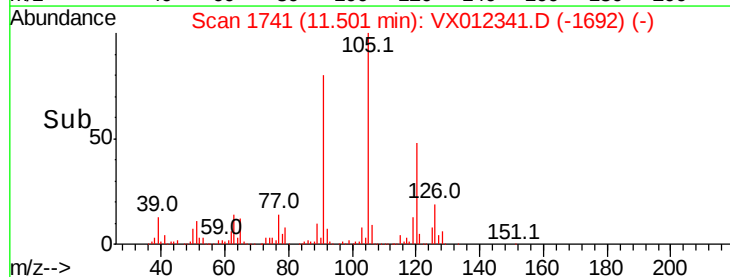
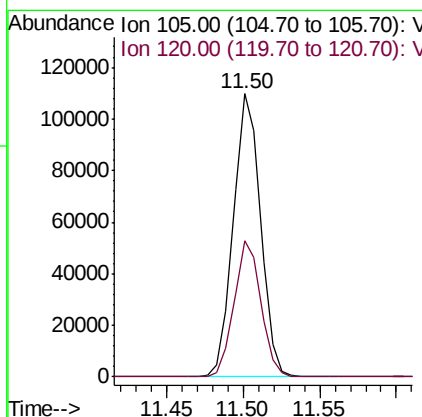
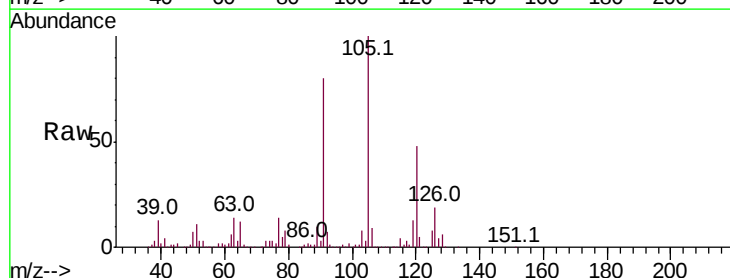
Instrument :
 MSVOA_X
 ClientSampleId :

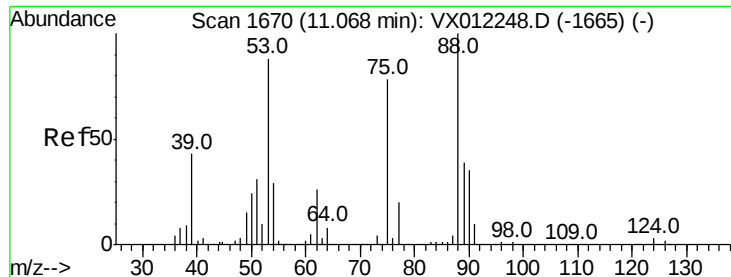
Tot Ion: 91 Resp: 110662
 Ion Ratio Lower Upper
 91 100
 126 32.3 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.707 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

Tgt Ion: 105 Resp: 134993
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 18.165 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

Instrument :

MSVOA_X

ClientSampleId :

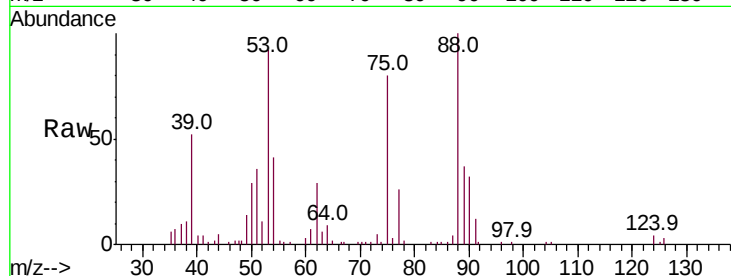
Tot Ion: 75 Resp: 8576

Ion Ratio Lower Upper

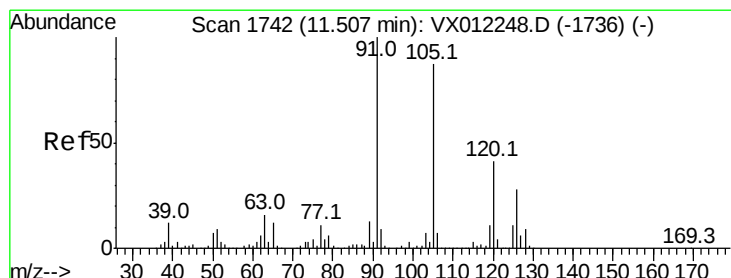
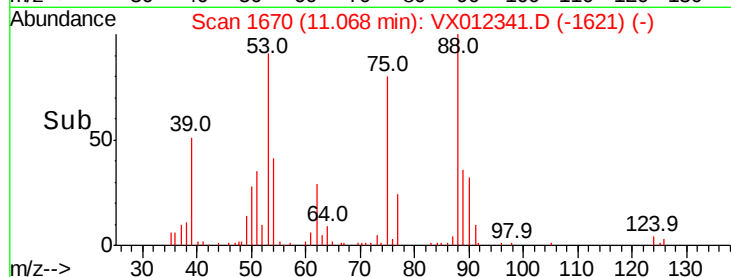
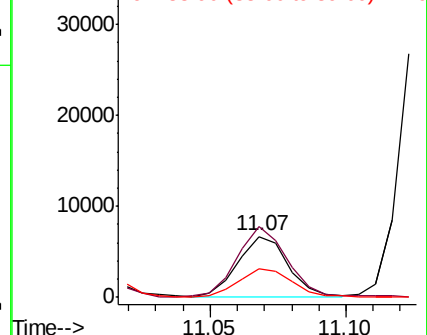
75 100

53 115.7 88.1 132.1

89 50.9 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: 20.977 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012341.D

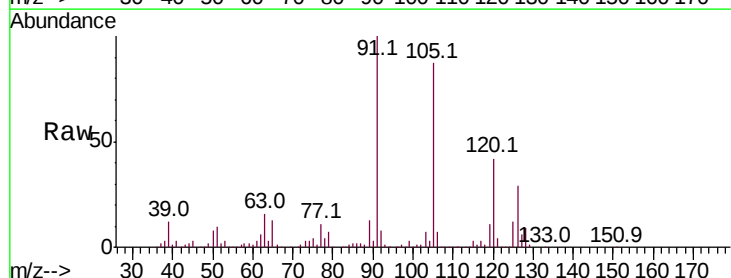
Acq: 12 Sep 2019 11:17

Tgt Ion: 91 Resp: 136727

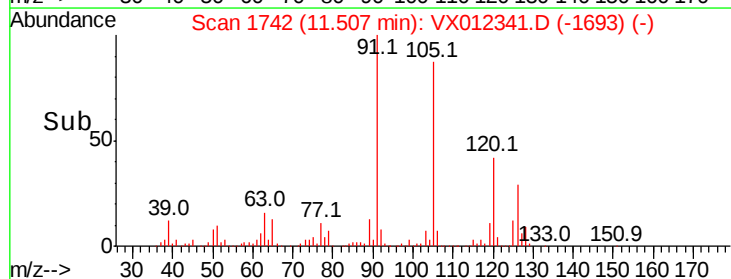
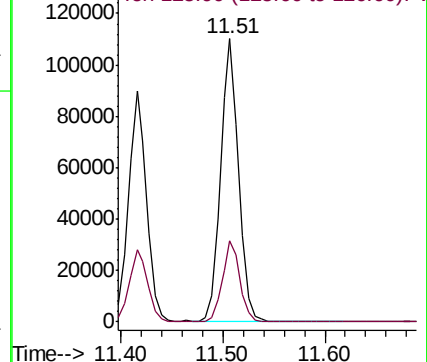
Ion Ratio Lower Upper

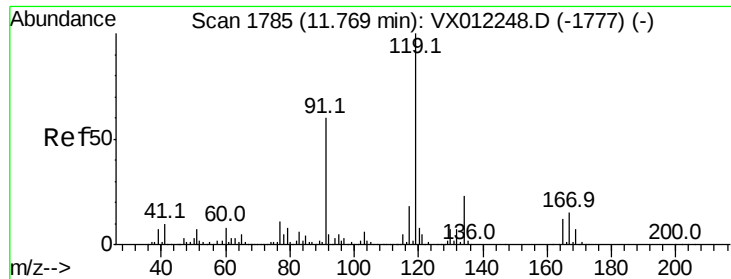
91 100

126 28.0 14.0 42.0



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

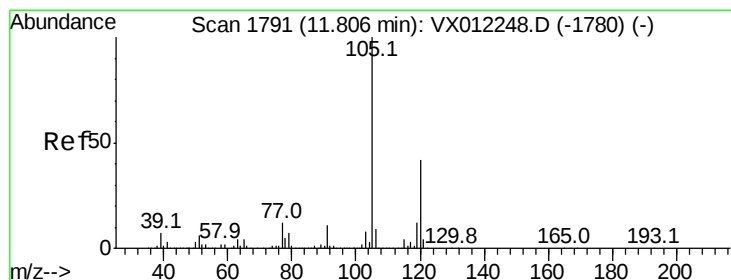
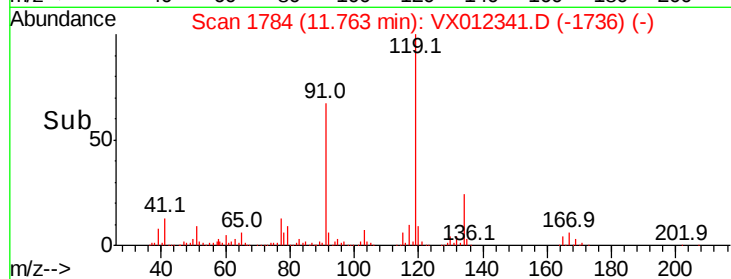
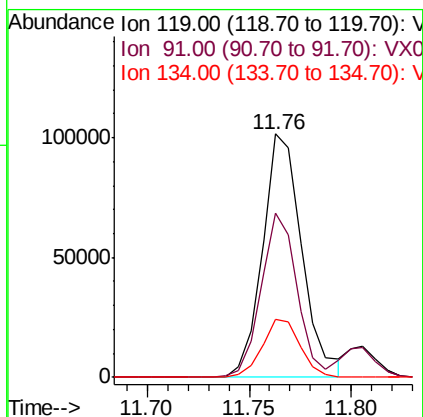
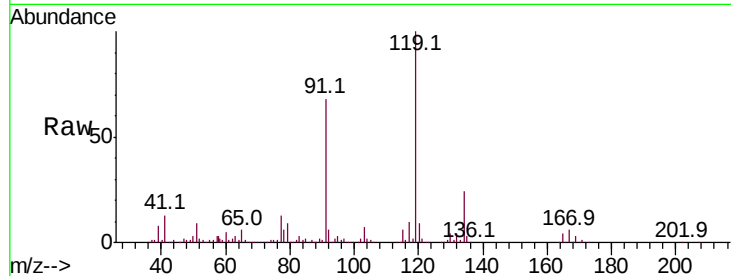




#83
tert-Butylbenzene
Concen: 21.530 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

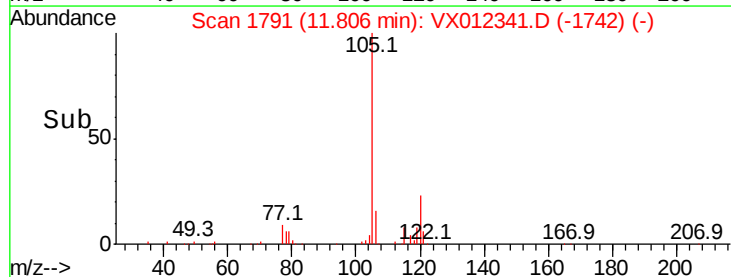
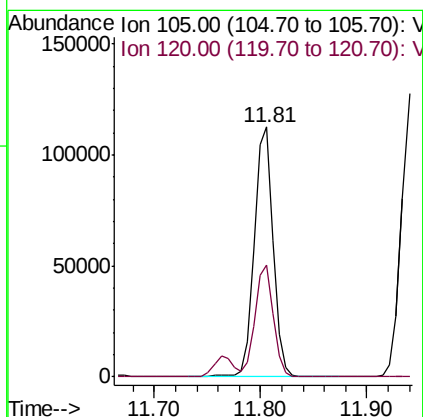
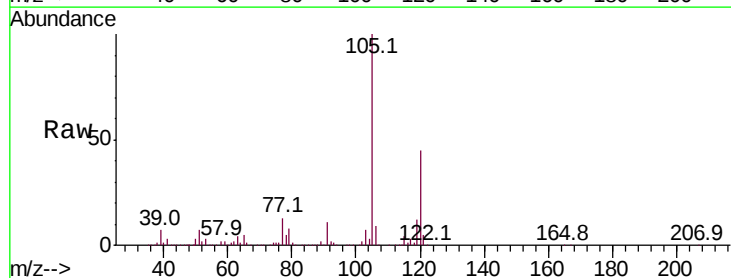
Instrument :
MSVOA_X
ClientSampleId :

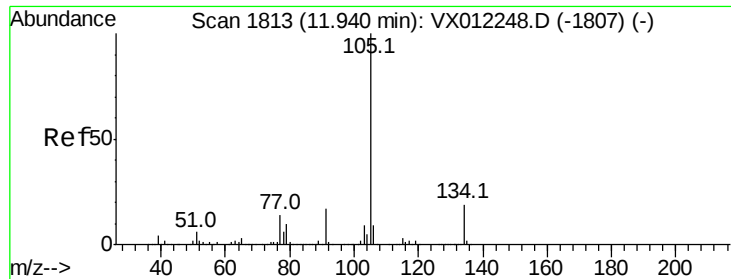
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.5	30.9	92.8
134	23.1	11.2	33.6



#84
1,2,4-Trimethylbenzene
Concen: 20.702 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.3	63.9





#85

sec-Butylbenzene

Concen: 20.870 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

Instrument :

MSVOA_X

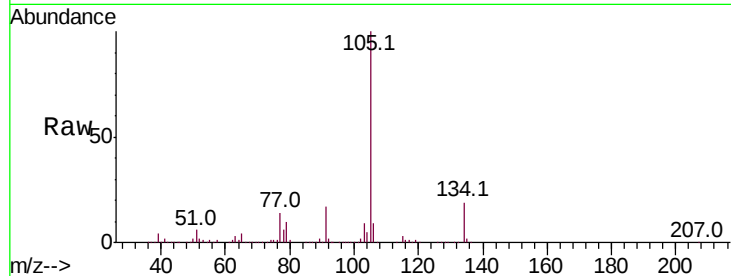
ClientSampled :

Tot Ion:105 Resp: 157632

Ion Ratio Lower Upper

105 100

134 19.7 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

150000

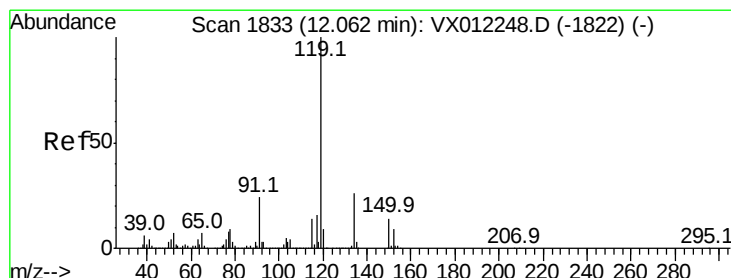
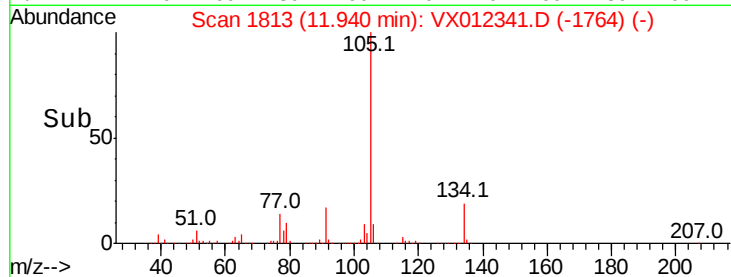
100000

50000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 21.361 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

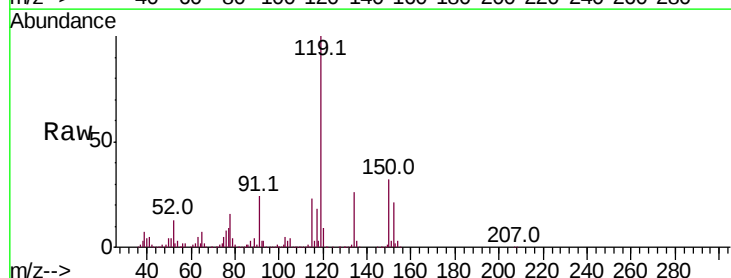
Tgt Ion:119 Resp: 149074

Ion Ratio Lower Upper

119 100

134 25.1 12.9 38.7

91 25.8 13.1 39.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

150000

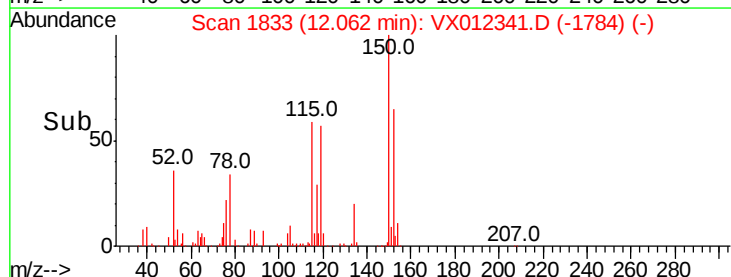
100000

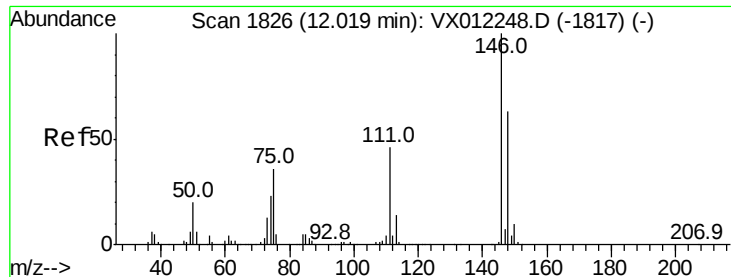
50000

0

Time-->

12.00 12.10 12.20





#87

1,3-Dichlorobenzene

Concen: 21.506 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

Instrument :

MSVOA_X

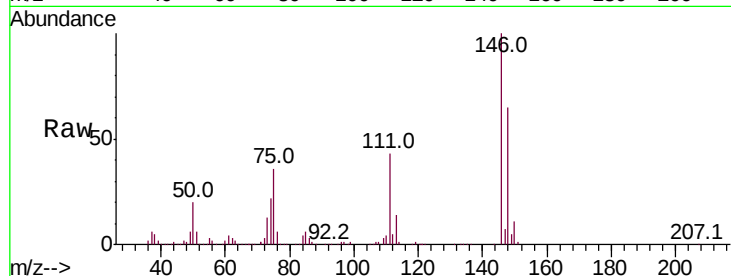
ClientSampleId :

Tot Ion:146 Resp: 73117

Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.3	66.8
148	63.0	31.5	94.5

111 43.3 22.3 66.8

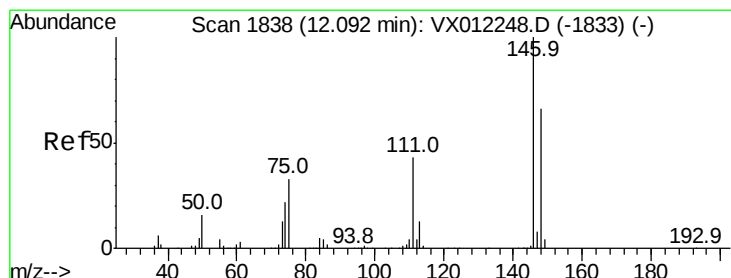
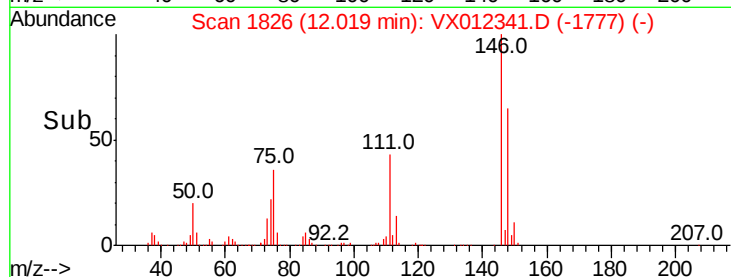
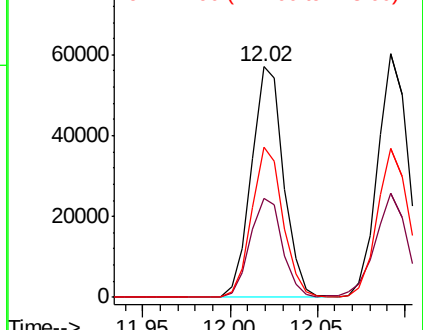
148 63.0 31.5 94.5



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: 21.277 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX012341.D

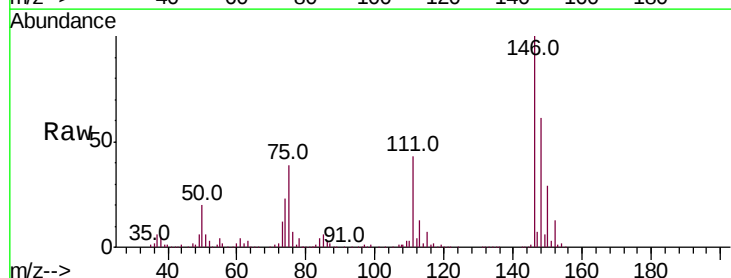
Acq: 12 Sep 2019 11:17

Tgt Ion:146 Resp: 73149

Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.6	64.8
148	62.7	32.4	97.2

111 45.0 21.6 64.8

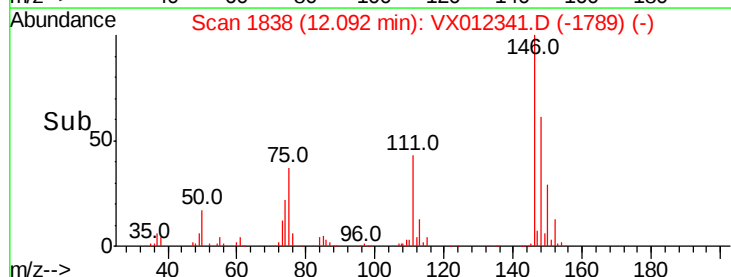
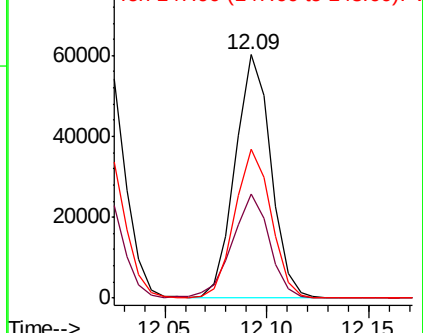
148 62.7 32.4 97.2

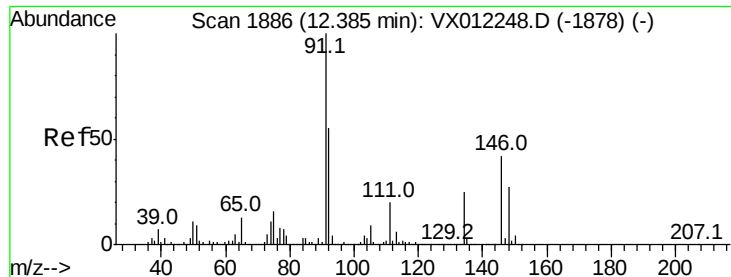


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.000 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012341.D

Acq: 12 Sep 2019 11:17

Instrument :

MSVOA_X

ClientSampleId :

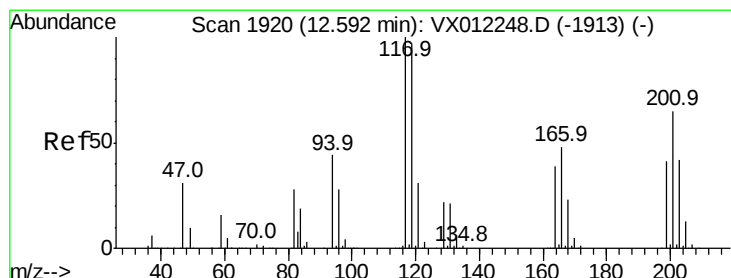
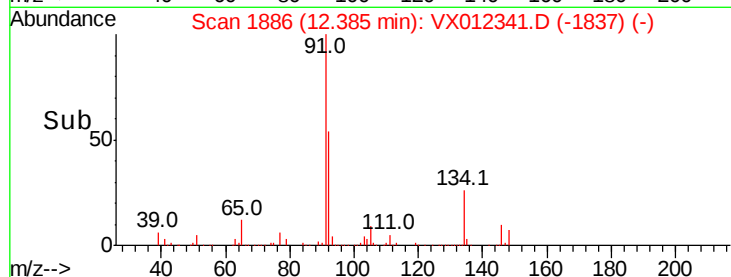
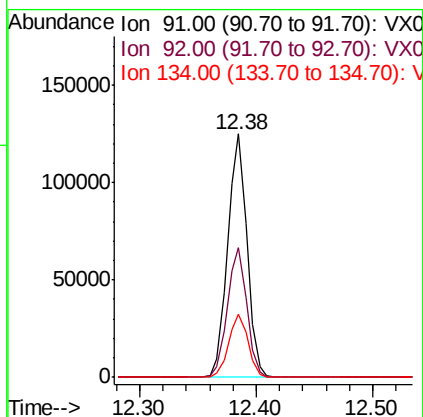
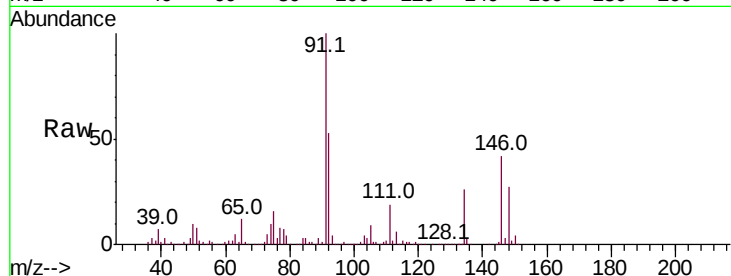
Tot Ion: 91 Resp: 143645

Ion Ratio Lower Upper

91 100

92 53.4 27.6 82.7

134 25.9 12.5 37.5



#90

Hexachloroethane

Concen: 19.182 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012341.D

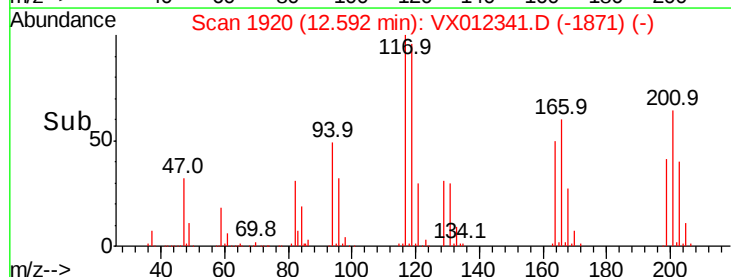
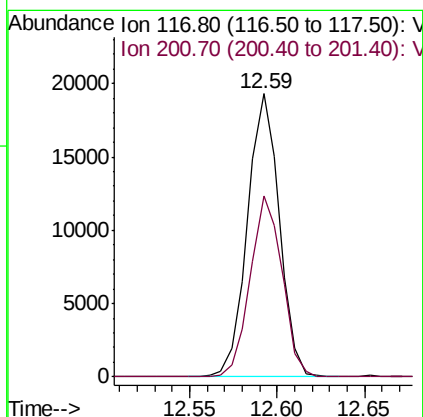
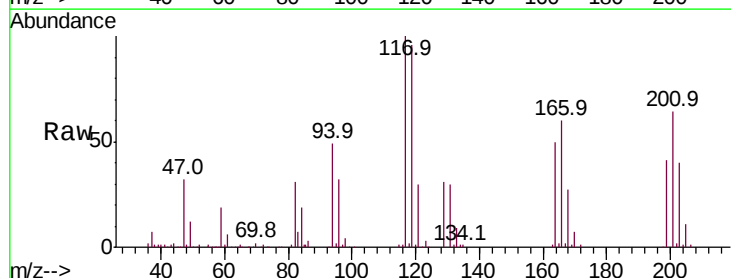
Acq: 12 Sep 2019 11:17

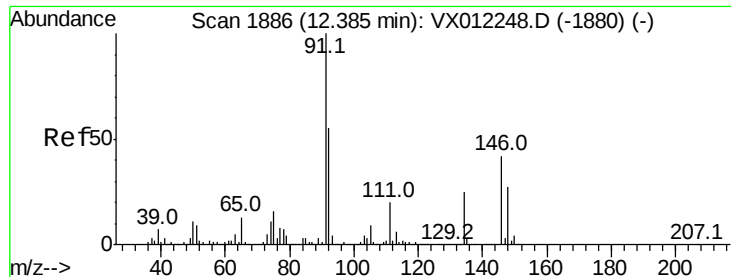
Tgt Ion:117 Resp: 24658

Ion Ratio Lower Upper

117 100

201 63.8 32.2 96.6

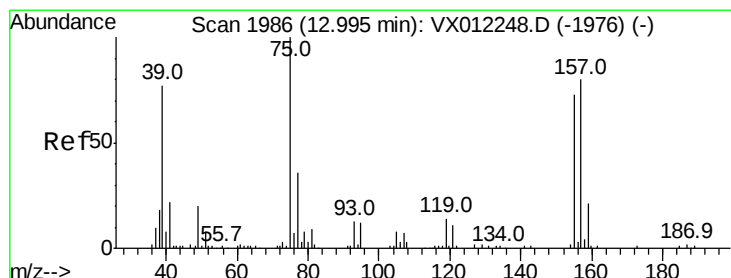
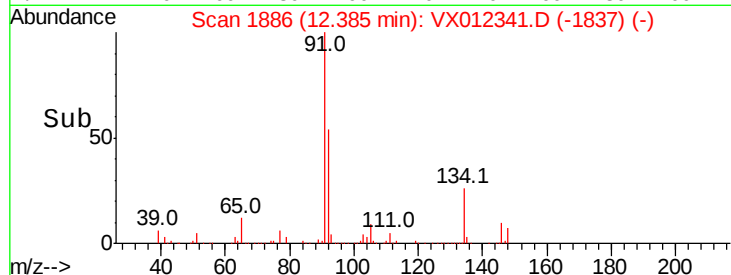
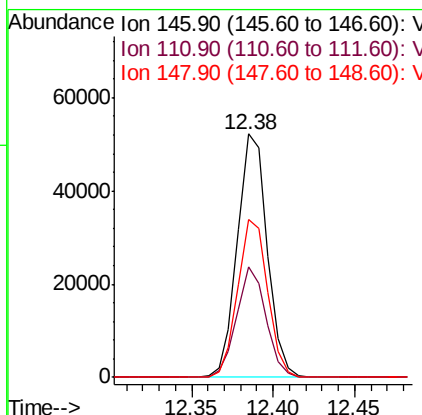
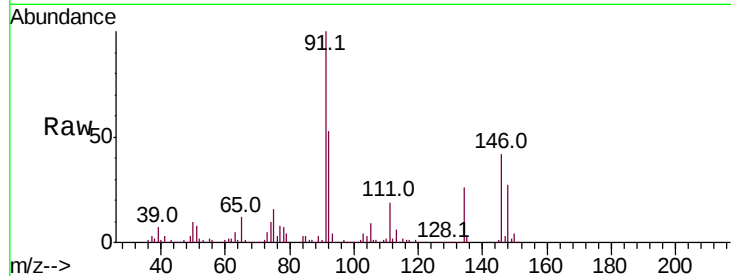




#91
 1,2-Dichlorobenzene
 Concen: 21.231 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

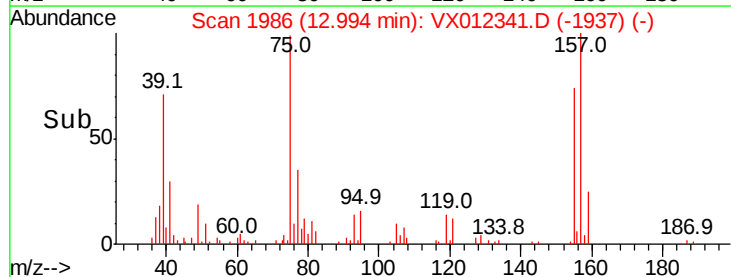
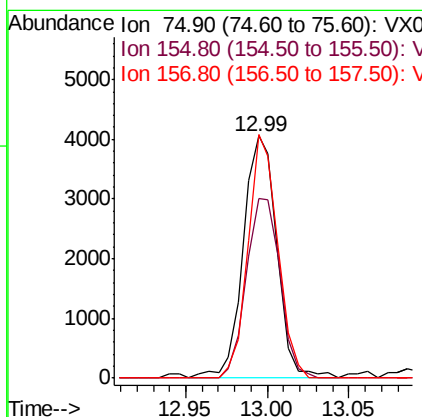
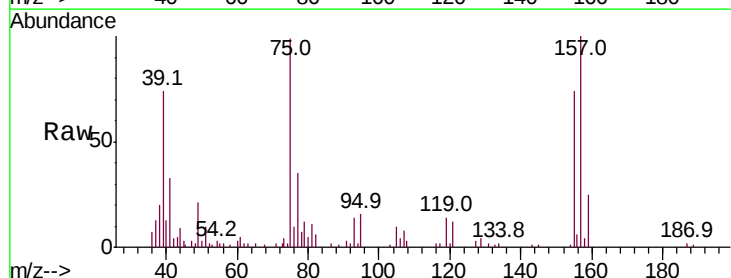
Instrument :
 MSVOA_X
 ClientSampleId :

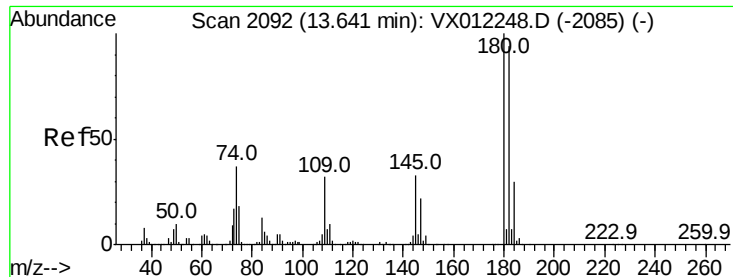
Tot Ion:146 Resp: 66771
 Ion Ratio Lower Upper
 146 100
 111 45.0 23.2 69.6
 148 65.0 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.349 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

Tgt Ion: 75 Resp: 5831
 Ion Ratio Lower Upper
 75 100
 155 74.1 35.3 105.7
 157 88.3 43.2 129.6

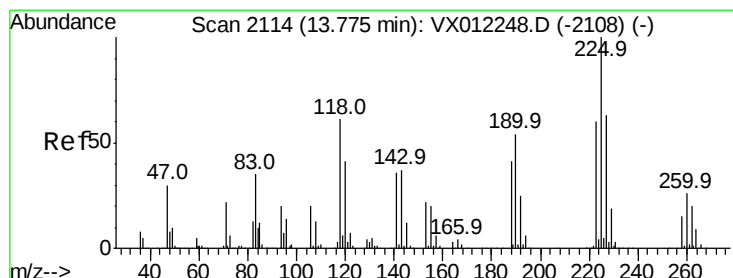
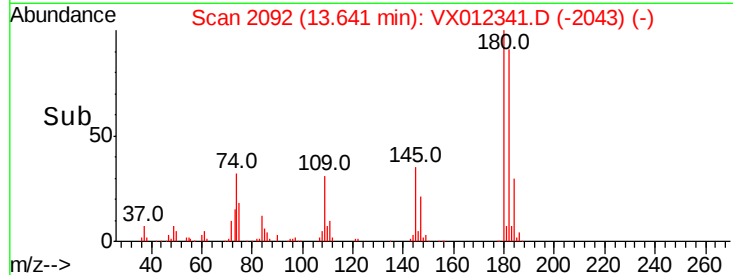
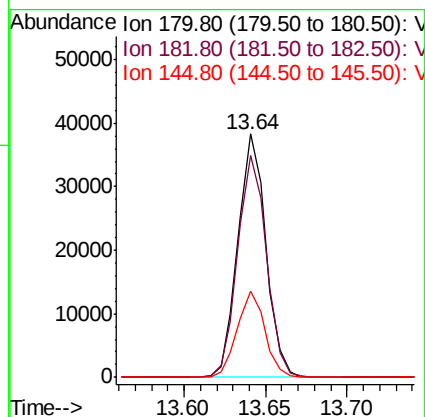
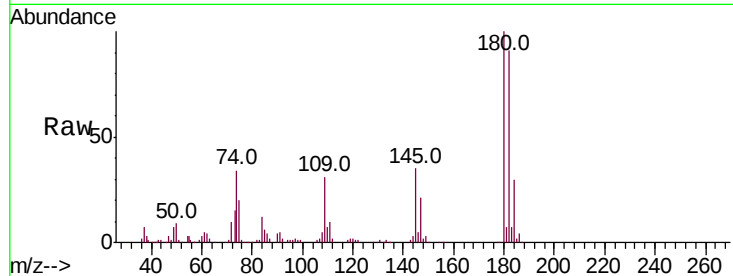




#93
 1,2,4-Trichlorobenzene
 Concen: 21.121 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

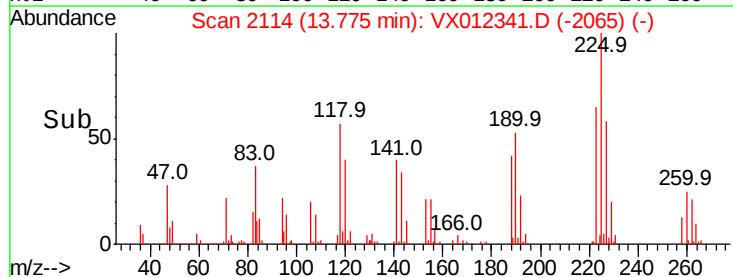
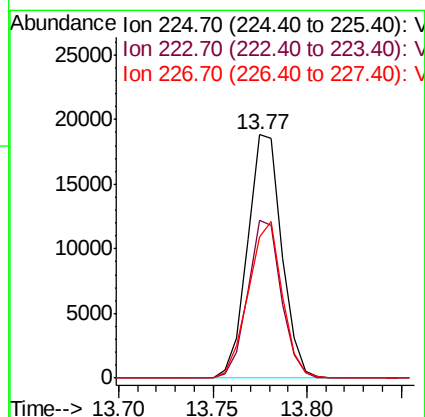
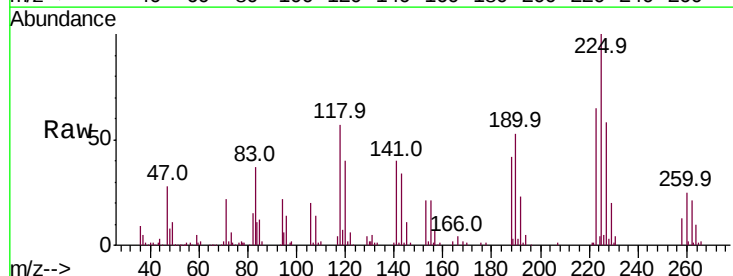
Instrument :
 MSVOA_X
 ClientSampled :

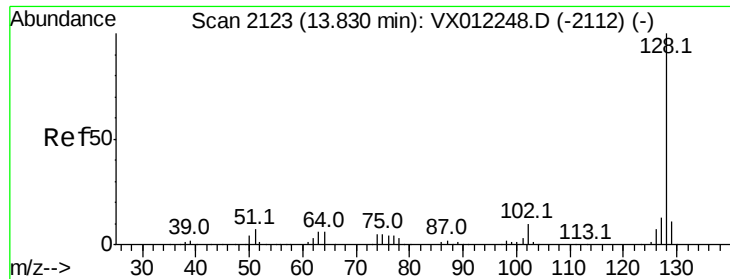
Tot Ion:180 Resp: 45873
 Ion Ratio Lower Upper
 180 100
 182 93.6 46.9 140.8
 145 34.9 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 21.982 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX012341.D
 Acq: 12 Sep 2019 11:17

Tgt Ion:225 Resp: 23751
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.1 96.5
 227 63.5 32.5 97.5

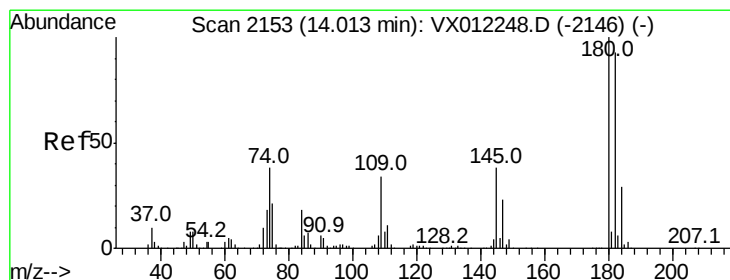
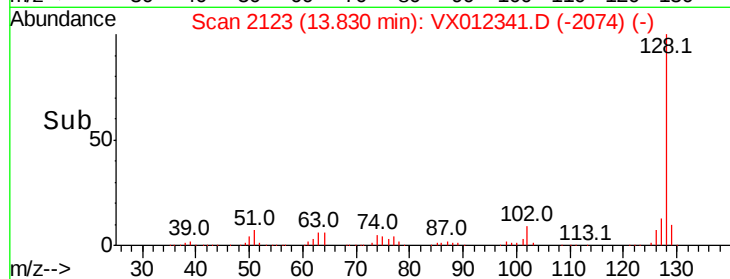
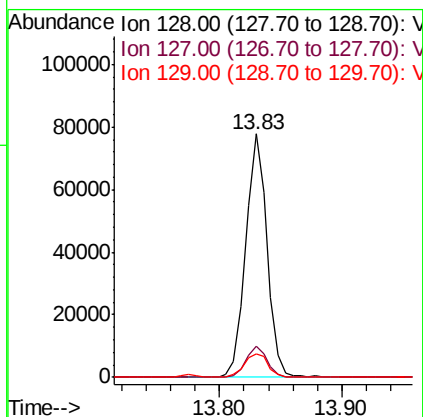
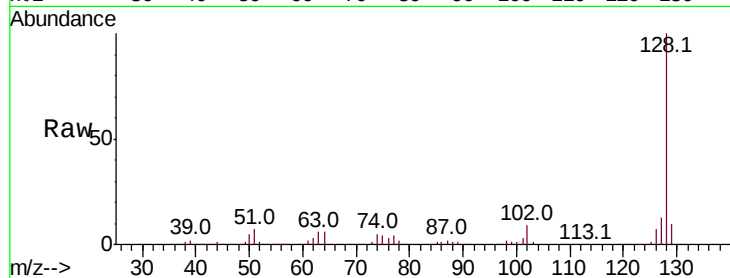




#95
Naphthalene
Concen: 20.122 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 93787
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.444 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012341.D
Acq: 12 Sep 2019 11:17

Tgt Ion:180 Resp: 41209
Ion Ratio Lower Upper
180 100
182 94.8 47.0 141.0
145 37.1 18.6 55.8

