

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\
 Data File : VX016934.D
 Acq On : 23 Jun 2020 16:53
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 24 00:14:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062320W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 00:11:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	205660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	372175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	349866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	161493	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	61187	18.81	ug/l	0.00
Spiked Amount						
			Recovery	=	37.62%	
35) Dibromofluoromethane	5.47	113	47431	18.62	ug/l	0.00
Spiked Amount						
			Recovery	=	37.24%	
50) Toluene-d8	8.70	98	166915	18.58	ug/l	0.00
Spiked Amount						
			Recovery	=	37.16%	
62) 4-Bromofluorobenzene	11.12	95	58451	16.16	ug/l	0.00
Spiked Amount						
			Recovery	=	32.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	54784	22.842	ug/l	100
3) Chloromethane	1.32	50	39990	17.711	ug/l	97
4) Vinyl Chloride	1.40	62	42222	18.703	ug/l	97
5) Bromomethane	1.64	94	24629	20.287	ug/l	96
6) Chloroethane	1.71	64	28136	17.209	ug/l	99
7) Trichlorofluoromethane	1.92	101	72079	18.101	ug/l	99
8) Diethyl Ether	2.17	74	26885	17.757	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36815	16.578	ug/l	97
10) Methyl Iodide	2.50	142	55071	19.226	ug/l	97
11) Tert butyl alcohol	3.01	59	67088	98.242	ug/l	100
12) 1,1-Dichloroethene	2.35	96	35291	16.881	ug/l	95
13) Acrolein	2.28	56	31127	86.501	ug/l	96
14) Allyl chloride	2.71	41	89727	18.757	ug/l	98
15) Acrylonitrile	3.12	53	143407	96.137	ug/l	99
16) Acetone	2.42	43	107767	87.304	ug/l	99
17) Carbon Disulfide	2.55	76	115099	17.507	ug/l	97
18) Methyl Acetate	2.75	43	77704	19.010	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	167714	18.559	ug/l	97
20) Methylene Chloride	2.84	84	54891	17.826	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	47121	18.079	ug/l	99
22) Diisopropyl ether	3.83	45	148843	17.688	ug/l	92
23) Vinyl Acetate	3.79	43	634391	93.347	ug/l	96
24) 1,1-Dichloroethane	3.67	63	93518	19.299	ug/l	99
25) 2-Butanone	4.64	43	167359	85.910	ug/l	96
26) 2,2-Dichloropropane	4.55	77	69559	16.329	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	46316	15.798	ug/l	98
28) Bromochloromethane	4.98	49	42805	17.008	ug/l	97
29) Tetrahydrofuran	5.09	42	125256	104.725	ug/l	99
30) Chloroform	5.18	83	92954	18.209	ug/l	95
31) Cyclohexane	5.55	56	76008	19.689	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	83959	18.761	ug/l	98
36) 1,1-Dichloropropene	5.78	75	68106	19.189	ug/l	100
37) Ethyl Acetate	4.80	43	71753	18.400	ug/l	98
38) Carbon Tetrachloride	5.76	117	74943	19.746	ug/l	92

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	73214	18.717	ug/l	98
40) Benzene	6.12	78	192464	18.926	ug/l	97
41) Methacrylonitrile	5.00	41	42805	18.843	ug/l	97
42) 1,2-Dichloroethane	6.17	62	80456	19.275	ug/l	99
43) Isopropyl Acetate	6.41	43	107836	15.871	ug/l	100
44) Trichloroethene	7.19	130	53213	18.695	ug/l	96
45) 1,2-Dichloropropane	7.49	63	53446	18.970	ug/l	96
46) Dibromomethane	7.64	93	36811	18.904	ug/l	98
47) Bromodichloromethane	7.87	83	75511	18.489	ug/l	97
48) Methyl methacrylate	7.74	41	59117	18.712	ug/l	99
49) 1,4-Dioxane	7.71	88	25869	380.717	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	352885	89.164	ug/l	100
52) Toluene	8.76	92	115982	18.567	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	85956	18.285	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	83947	18.506	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	53557	18.931	ug/l	98
56) Ethyl methacrylate	9.16	69	78195	17.844	ug/l	99
57) 1,3-Dichloropropane	9.35	76	87683	18.492	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	190510	106.135	ug/l	100
59) 2-Hexanone	9.47	43	301949	99.633	ug/l	99
60) Dibromochloromethane	9.57	129	61012	19.714	ug/l	98
61) 1,2-Dibromoethane	9.65	107	56910	19.538	ug/l	99
64) Tetrachloroethene	9.32	164	45310	19.078	ug/l	97
65) Chlorobenzene	10.12	112	134339	18.798	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	53468	19.316	ug/l	95
67) Ethyl Benzene	10.24	91	236103	18.474	ug/l	100
68) m/p-Xylenes	10.34	106	176659	37.639	ug/l	99
69) o-Xylene	10.68	106	87664	19.553	ug/l	98
70) Styrene	10.69	104	148586	19.473	ug/l	98
71) Bromoform	10.84	173	38777	18.839	ug/l #	100
73) Isopropylbenzene	11.00	105	237156	19.791	ug/l	99
74) N-amyl acetate	10.88	43	108242	18.049	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	74552	18.593	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	94249	20.385	ug/l	85
77) Bromobenzene	11.24	156	55538	18.877	ug/l	96
78) n-propylbenzene	11.34	91	226280	16.563	ug/l	100
79) 2-Chlorotoluene	11.40	91	148470	17.164	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	178936	17.730	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	29520	19.004	ug/l	99
82) 4-Chlorotoluene	11.49	91	174189	16.822	ug/l	99
83) tert-Butylbenzene	11.76	119	184445	18.667	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	197025	19.650	ug/l	99
85) sec-Butylbenzene	11.93	105	209180	18.766	ug/l	100
86) p-Isopropyltoluene	12.05	119	202466	19.625	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	94343	17.830	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	101148	19.055	ug/l	97
89) n-Butylbenzene	12.37	91	172484	17.658	ug/l	98
90) Hexachloroethane	12.58	117	34714	17.129	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	87779	17.216	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18166	17.648	ug/l	96

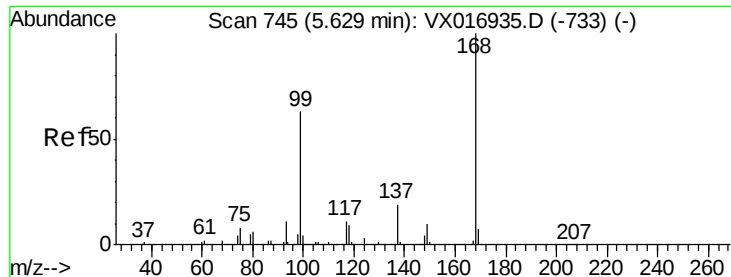
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\
Data File : VX016934.D
Acq On : 23 Jun 2020 16:53
Operator : JC/SP
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 00:11:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	55835	16.763	ug/l	98
94) Hexachlorobutadiene	13.77	225	20818	17.915	ug/l	97
95) Naphthalene	13.82	128	217639	19.229	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	58300	18.095	ug/l	99

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

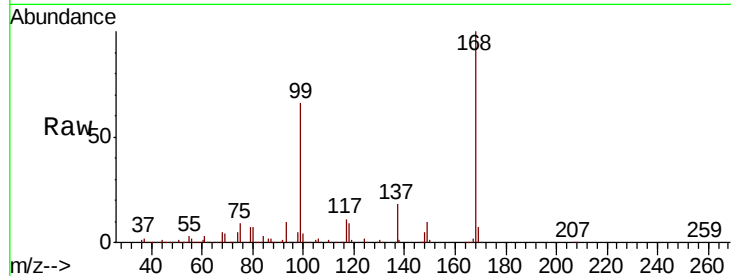


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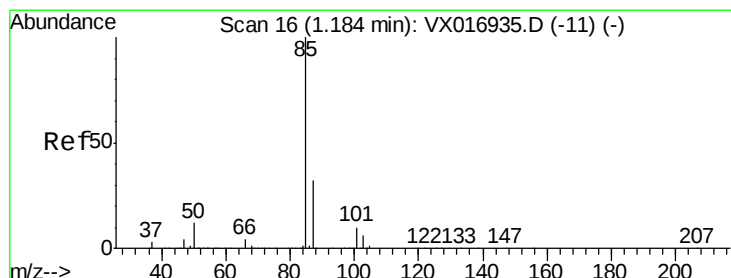
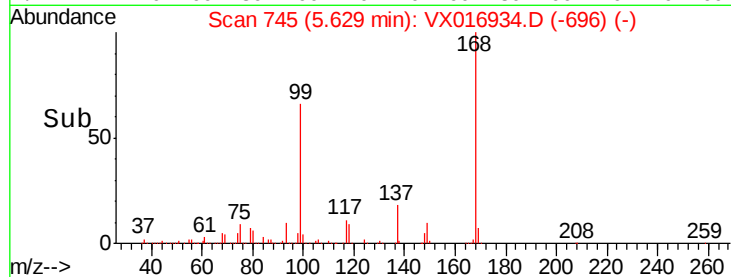
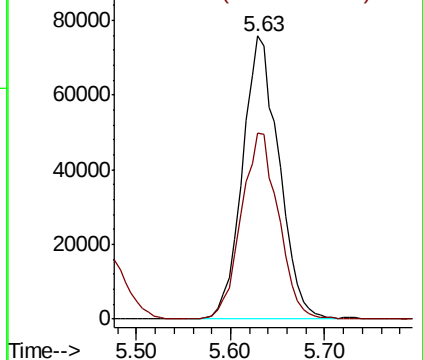
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: VX016934.D
 Acq: 23 Jun 2020 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:168 Resp: 205660
 Ion Ratio Lower Upper
 168 100
 99 65.7 50.6 75.8



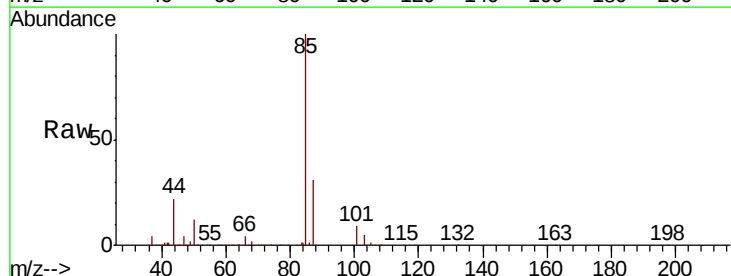
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



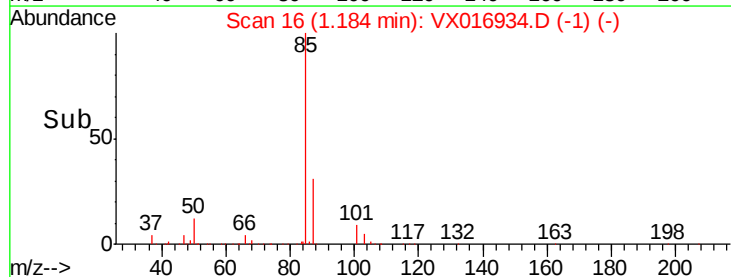
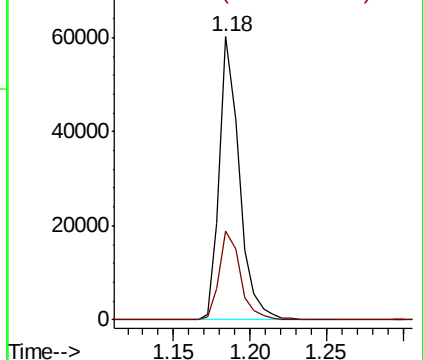
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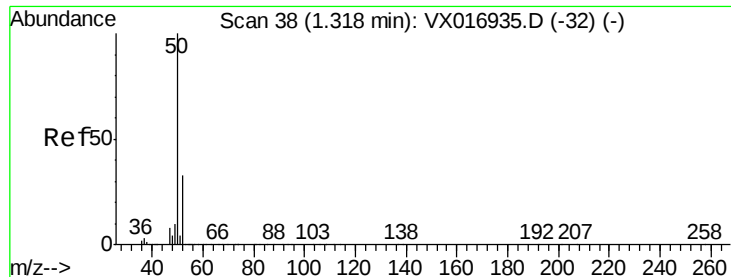
Dichlorodifluoromethane
 Concen: 22.842 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX016934.D
 Acq: 23 Jun 2020 16:53

Tgt Ion: 85 Resp: 54784
 Ion Ratio Lower Upper
 85 100
 87 31.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.711 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

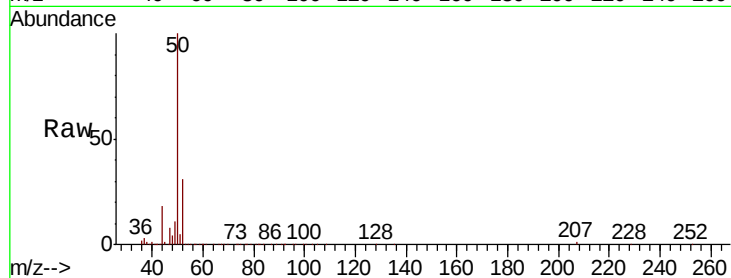
VSTDIC020

Tot Ion: 50 Resp: 39990

Ion Ratio Lower Upper

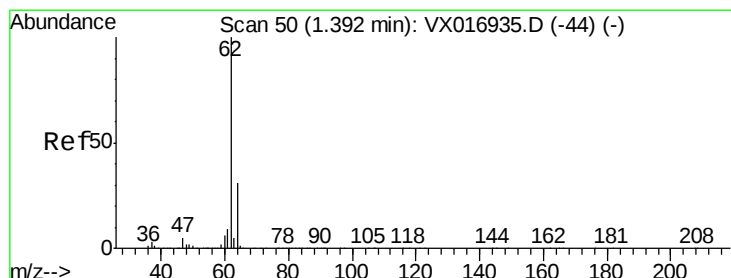
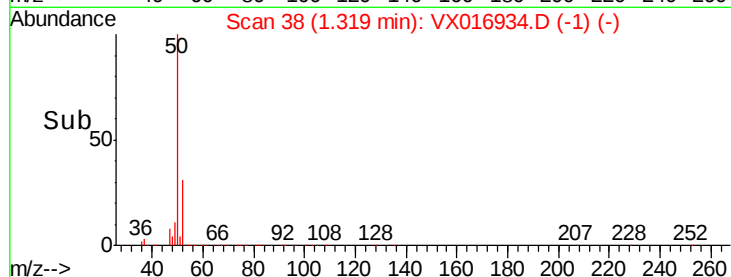
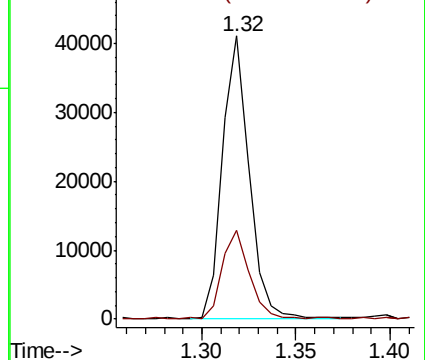
50 100

52 30.9 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.703 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX016934.D

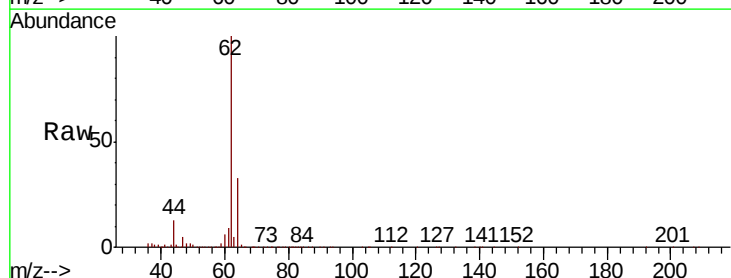
Acq: 23 Jun 2020 16:53

Tgt Ion: 62 Resp: 42222

Ion Ratio Lower Upper

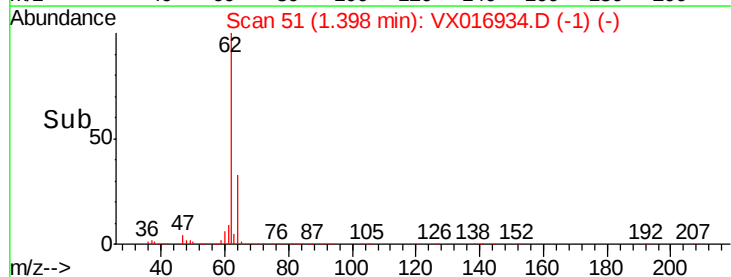
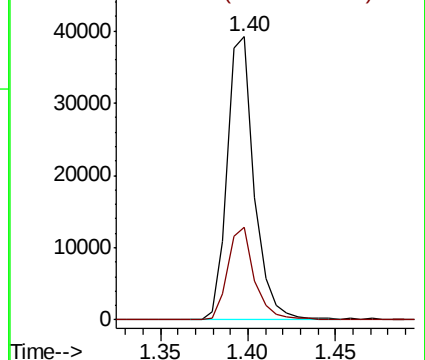
62 100

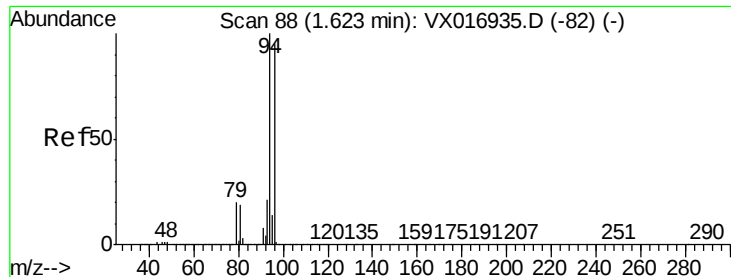
64 32.7 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.287 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

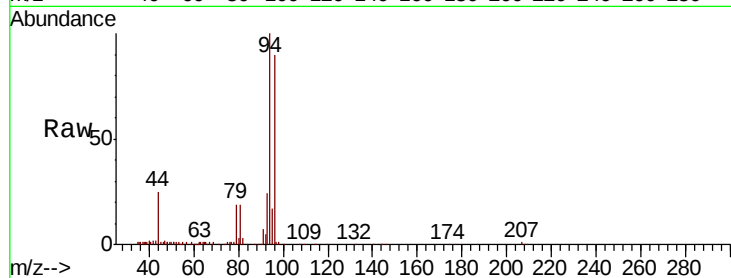
VSTDIC020

Tot Ion: 94 Resp: 24629

Ion Ratio Lower Upper

94 100

96 90.5 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

20000

15000

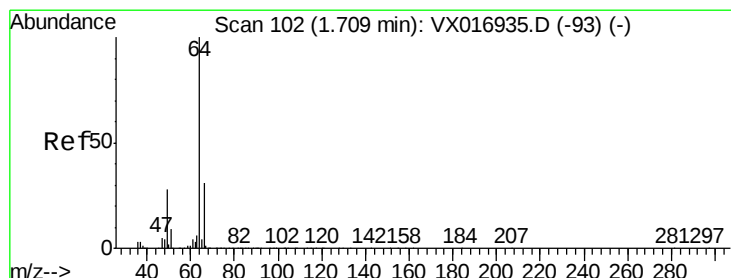
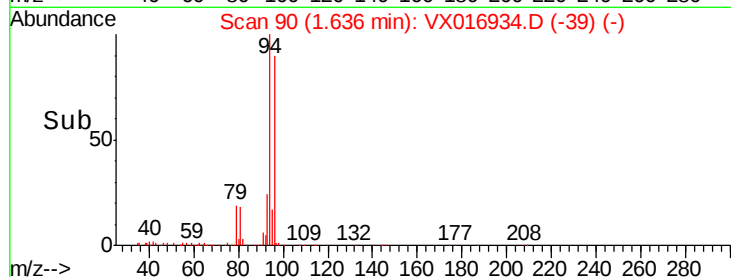
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 17.209 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016934.D

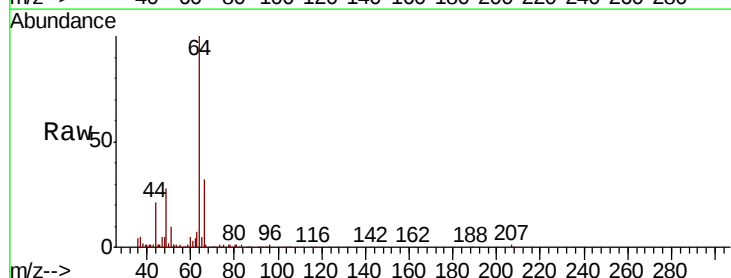
Acq: 23 Jun 2020 16:53

Tgt Ion: 64 Resp: 28136

Ion Ratio Lower Upper

64 100

66 31.9 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

25000

20000

15000

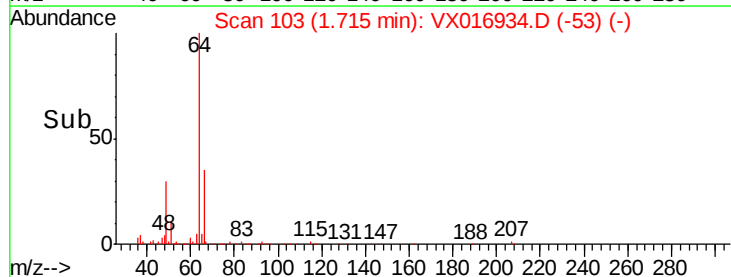
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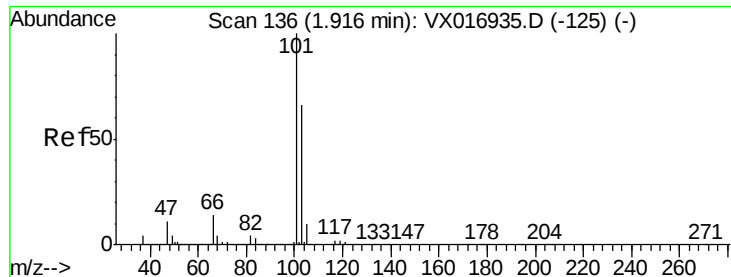
5000

0

Time-->

1.60 1.70 1.80



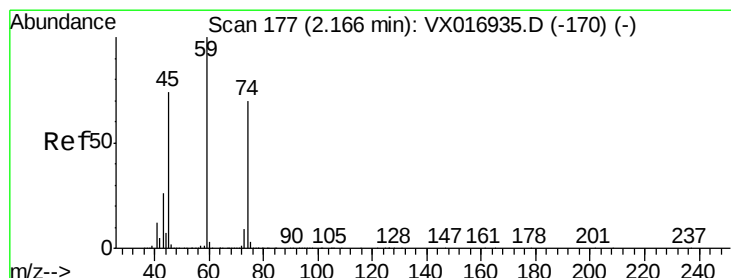
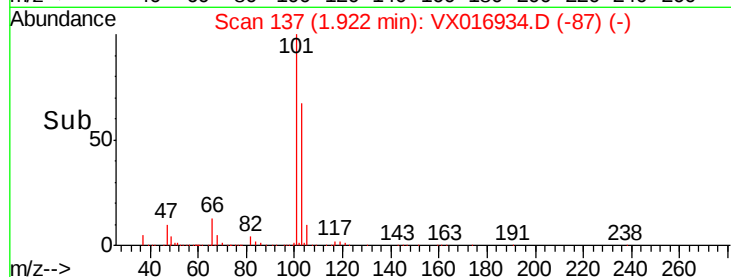
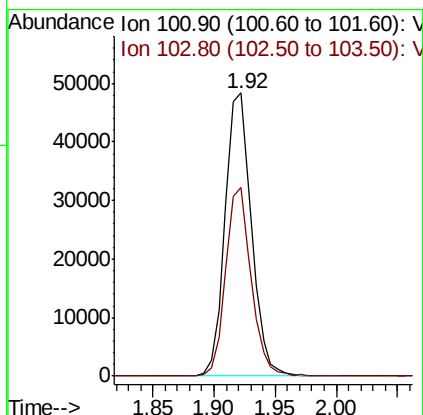
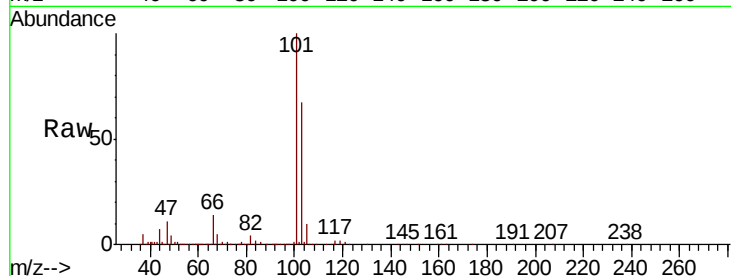


#7

Trichlorofluoromethane
Concen: 18.101 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

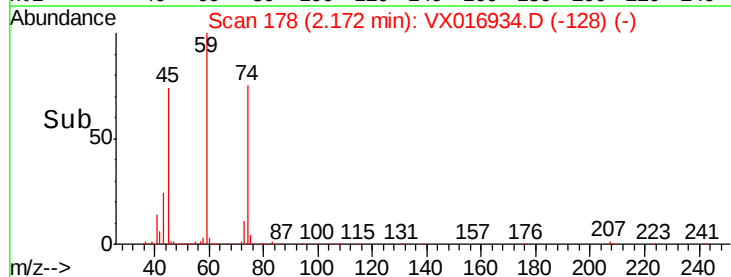
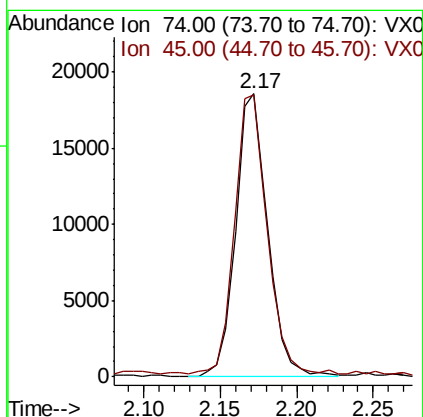
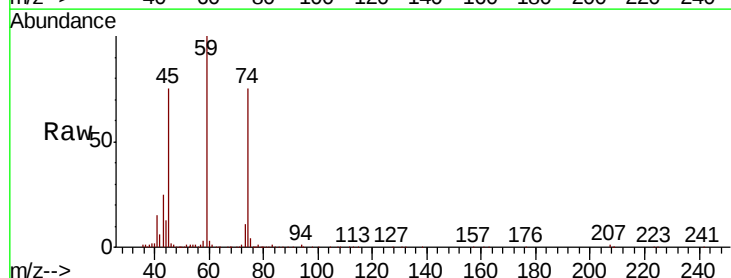
Tot Ion:101 Resp: 72079
Ion Ratio Lower Upper
101 100
103 66.8 53.0 79.4

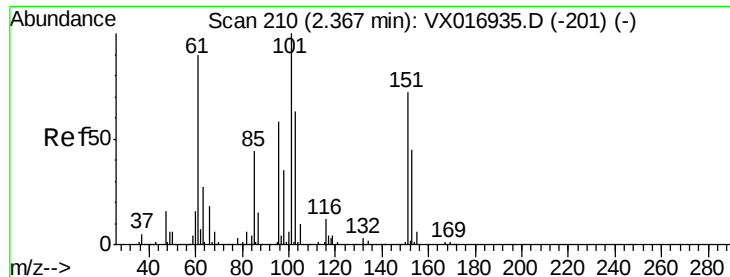


#8

Diethyl Ether
Concen: 17.757 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Tgt Ion: 74 Resp: 26885
Ion Ratio Lower Upper
74 100
45 99.9 52.6 157.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.578 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

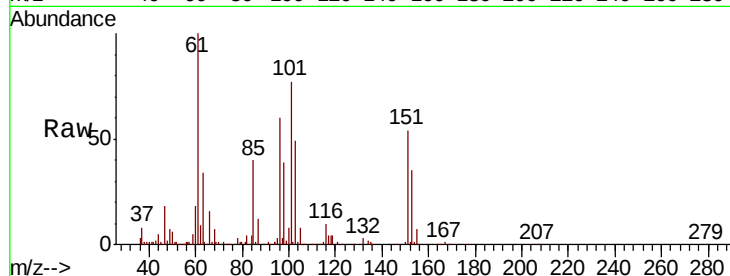
Tot Ion:101 Resp: 36815

Ion Ratio Lower Upper

101 100

85 49.0 36.9 55.3

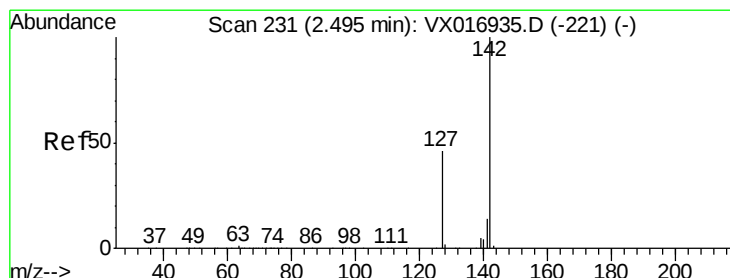
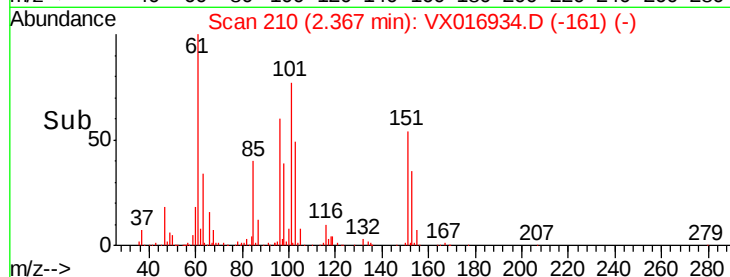
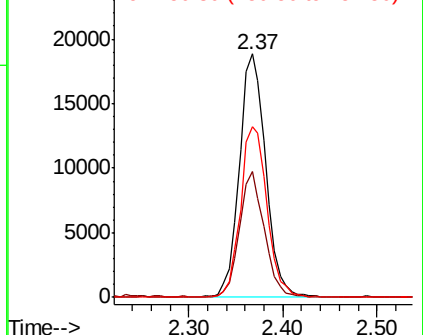
151 70.5 58.4 87.6



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: 19.226 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

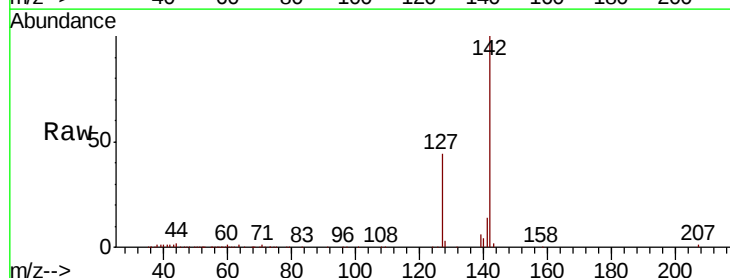
Tgt Ion:142 Resp: 55071

Ion Ratio Lower Upper

142 100

127 45.4 38.3 57.5

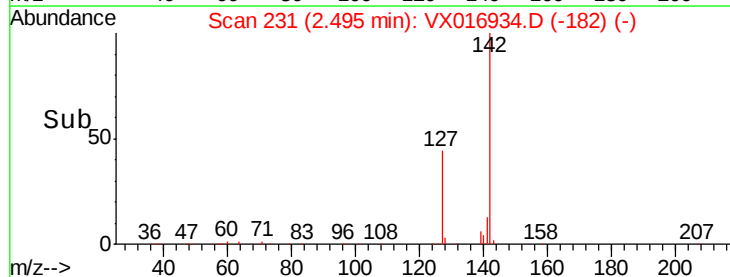
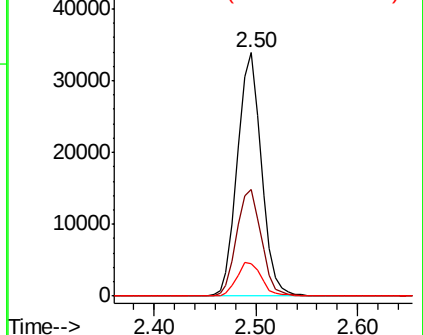
141 14.4 11.9 17.9

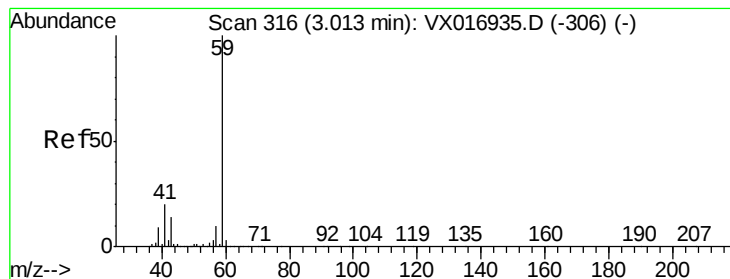


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



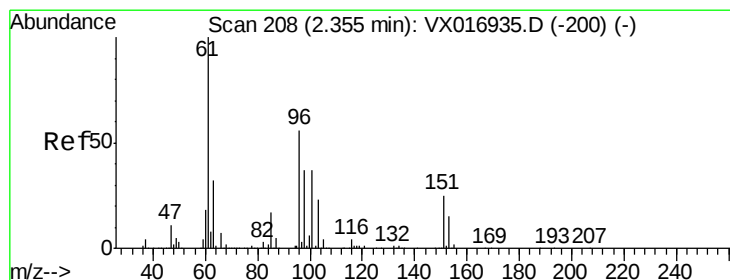
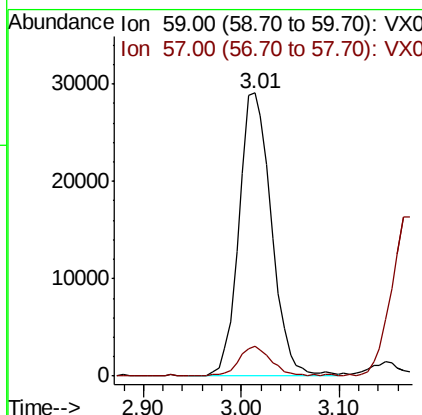
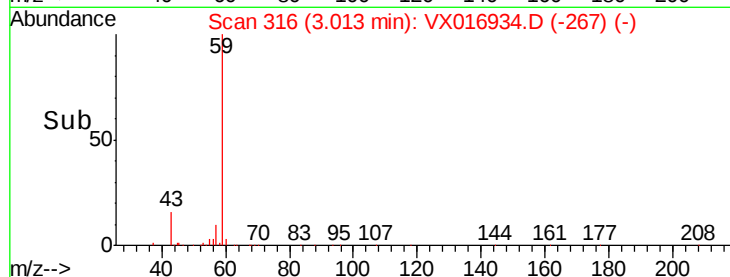
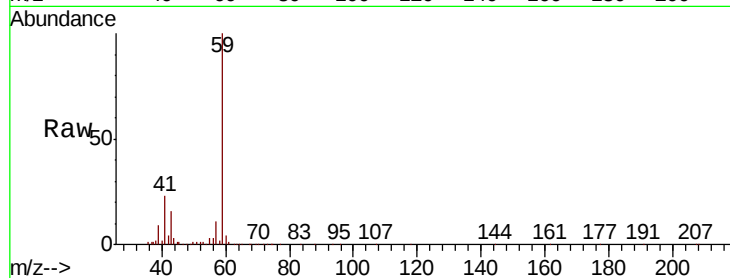


#11

Tert butyl alcohol
Concen: 98.242 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

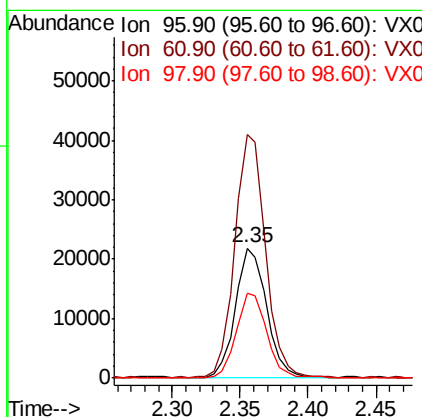
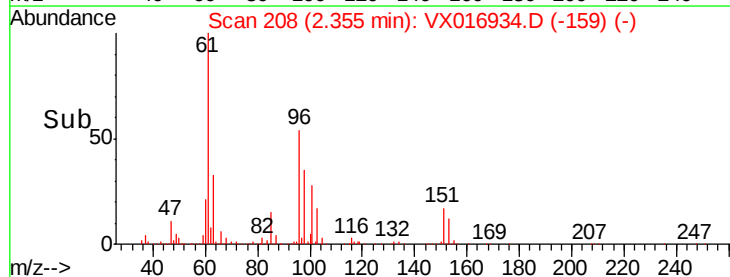
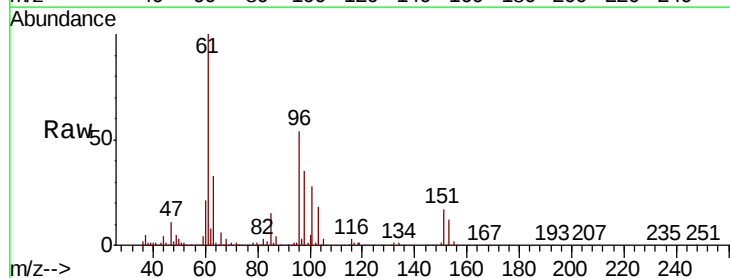
Tot Ion: 59 Resp: 67088
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

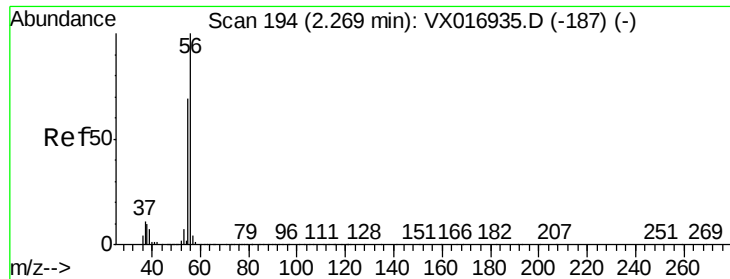


#12

1,1-Dichloroethene
Concen: 16.881 ug/l
RT: 2.35 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Tgt Ion: 96 Resp: 35291
Ion Ratio Lower Upper
96 100
61 186.3 142.3 213.5
98 65.3 53.2 79.8





#13

Acrolein

Concen: 86.501 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

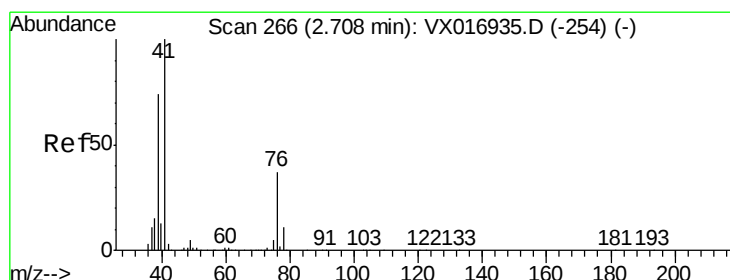
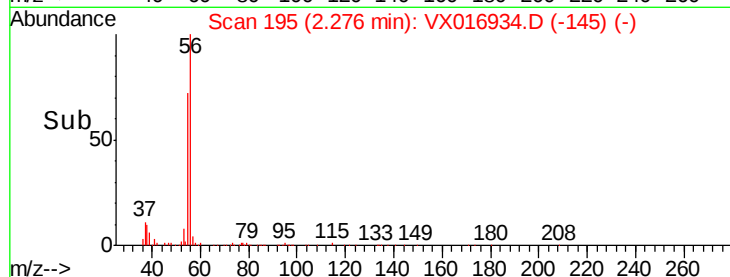
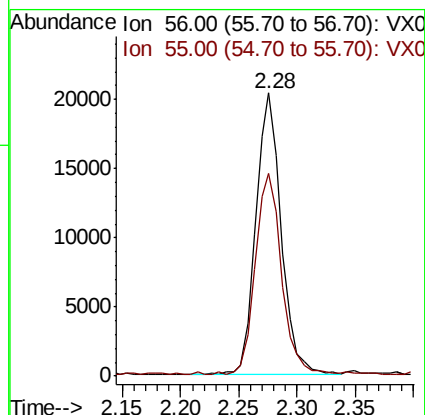
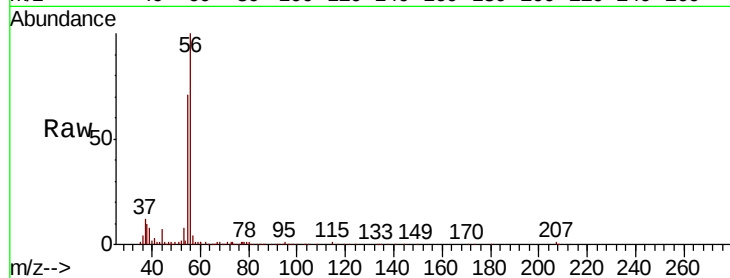
VSTDIC020

Tot Ion: 56 Resp: 31127

Ion Ratio Lower Upper

56 100

55 74.4 57.1 85.7



#14

Allyl chloride

Concen: 18.757 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

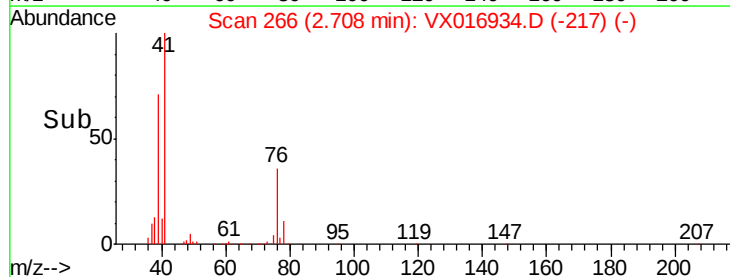
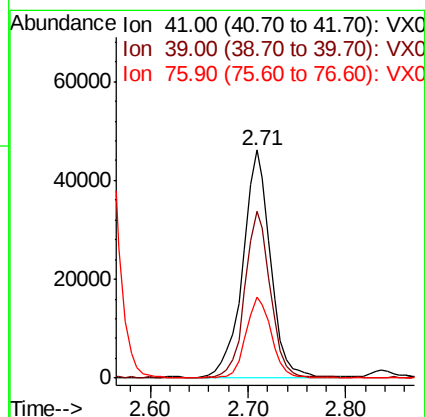
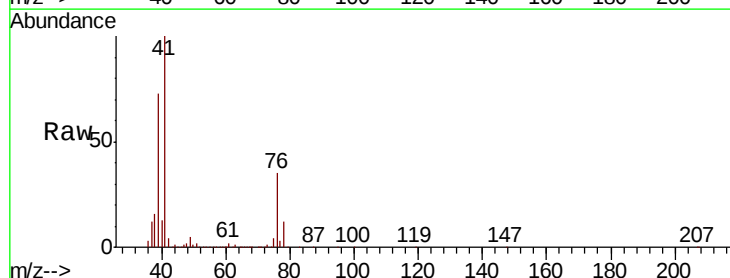
Tgt Ion: 41 Resp: 89727

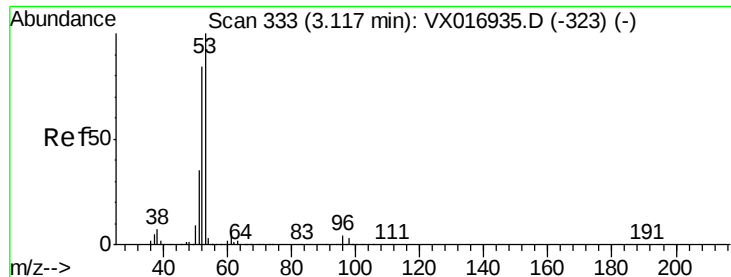
Ion Ratio Lower Upper

41 100

39 68.4 53.3 79.9

76 32.9 25.2 37.8





#15

Acrylonitrile

Concen: 96.137 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

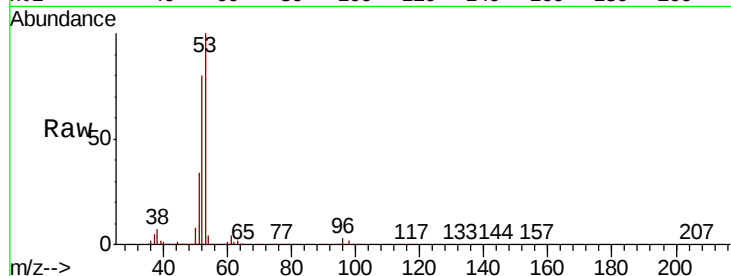
MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 53 Resp: 143407

Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.0	99.0
51	35.3	28.9	43.3

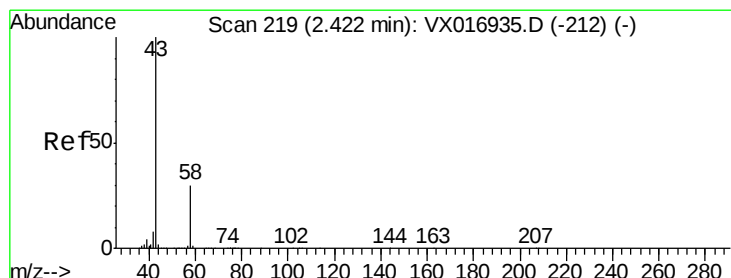
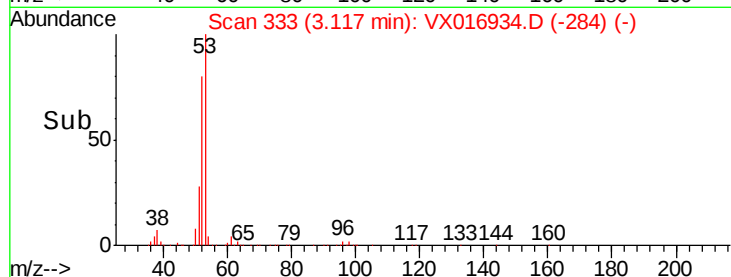
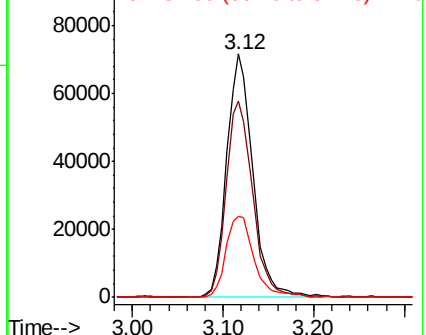


Abundance

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: 87.304 ug/l

RT: 2.42 min Scan# 219

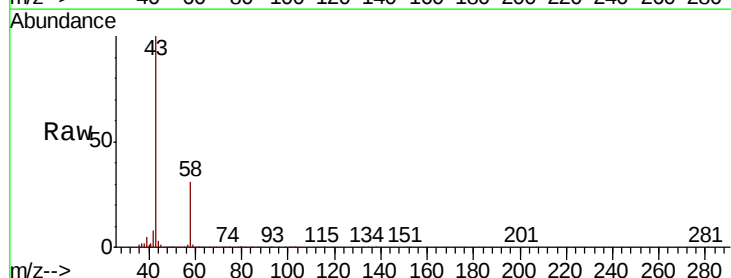
Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Tgt Ion: 43 Resp: 107767

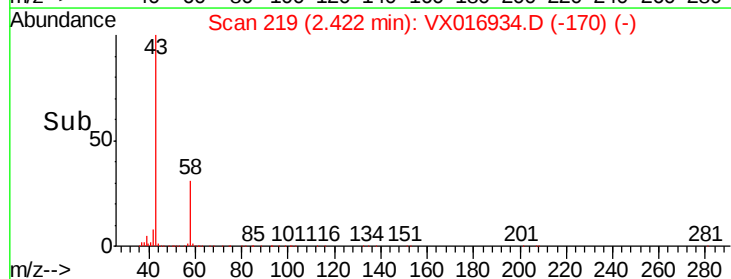
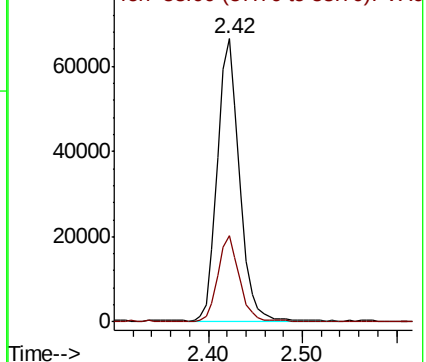
Ion	Ratio	Lower	Upper
43	100		
58	30.4	23.9	35.9

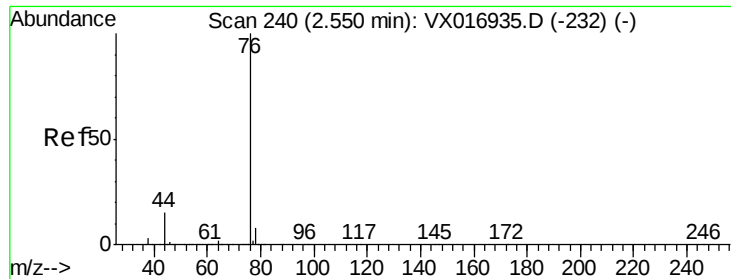


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

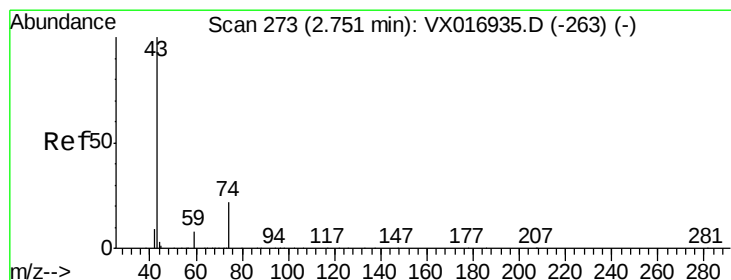
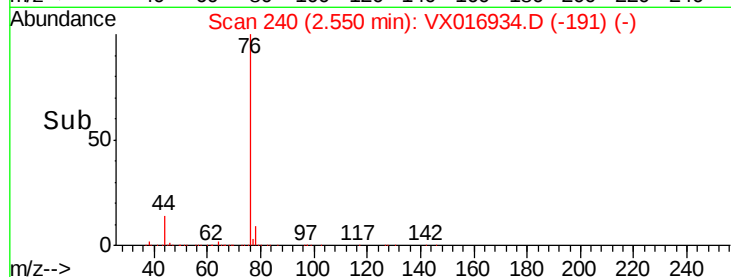
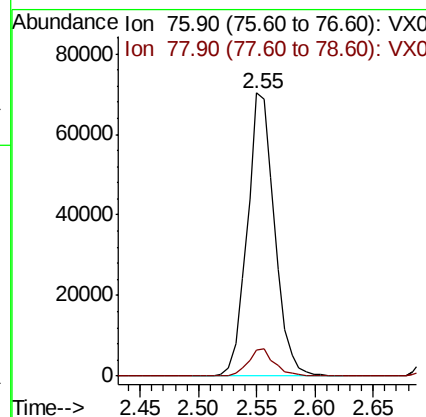
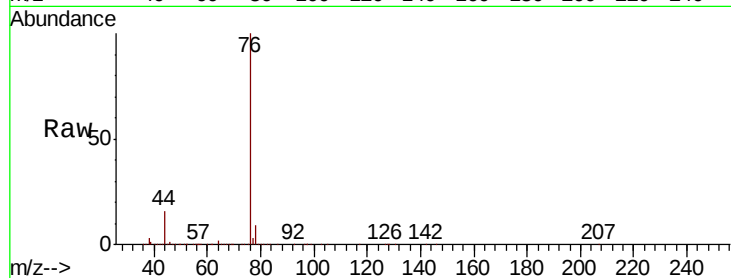




#17
Carbon Disulfide
Concen: 17.507 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

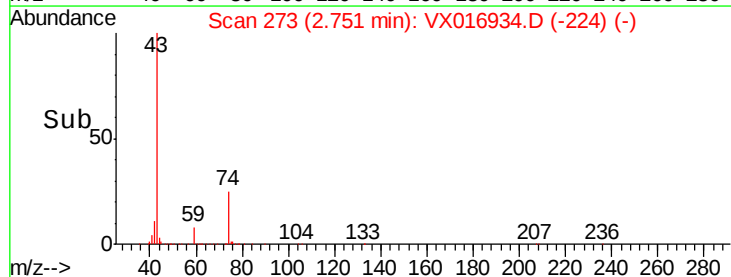
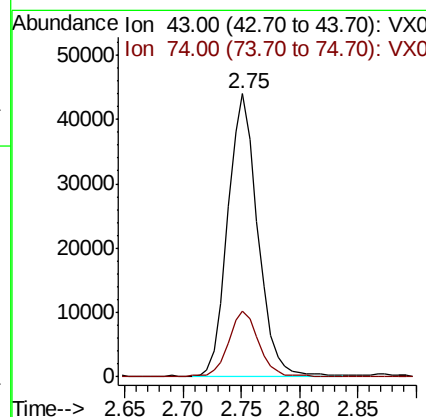
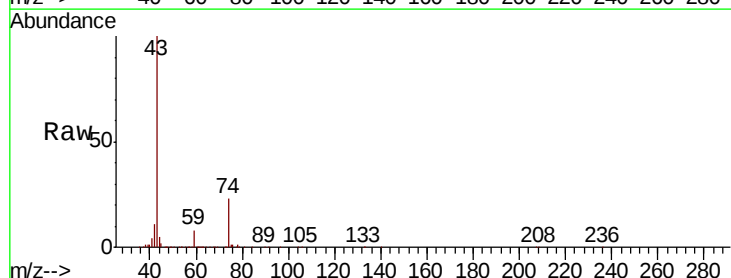
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

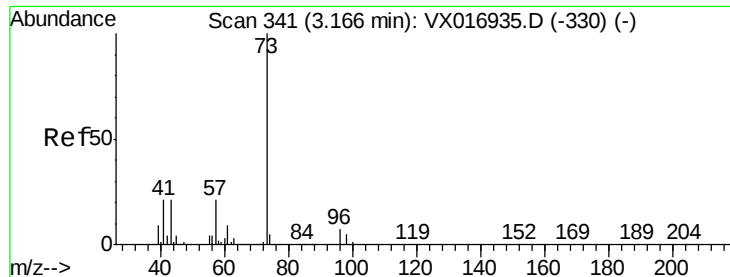
Tot Ion: 76 Resp: 115099
Ion Ratio Lower Upper
76 100
78 9.4 6.6 10.0



#18
Methyl Acetate
Concen: 19.010 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Tgt Ion: 43 Resp: 77704
Ion Ratio Lower Upper
43 100
74 24.2 18.6 27.8



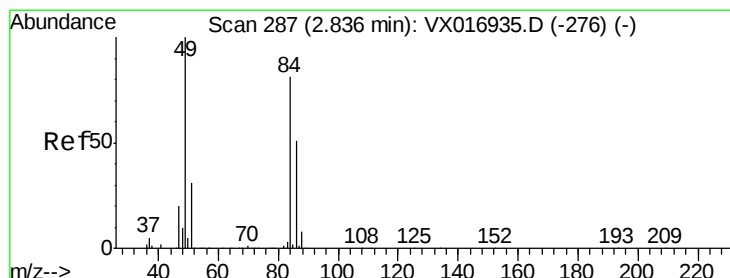
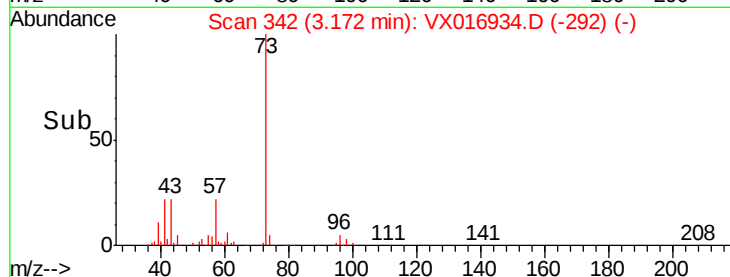
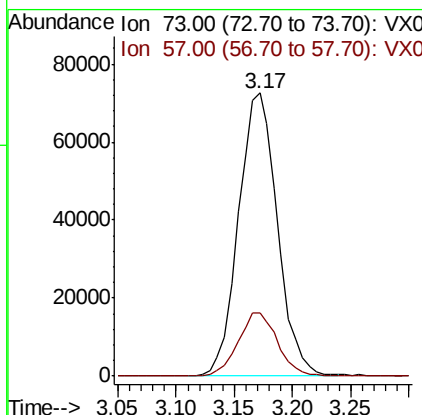
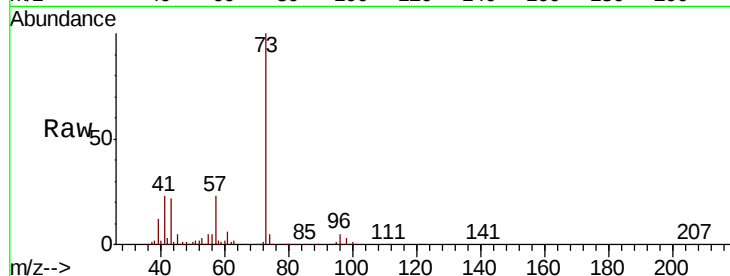


#19

Methyl tert-butyl Ether
 Concen: 18.559 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX016934.D
 Acq: 23 Jun 2020 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

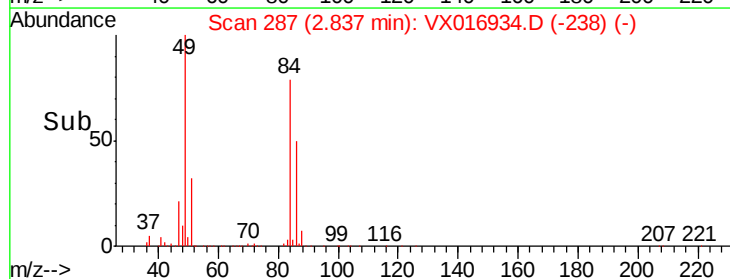
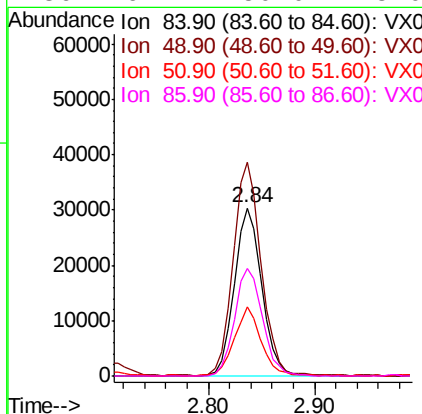
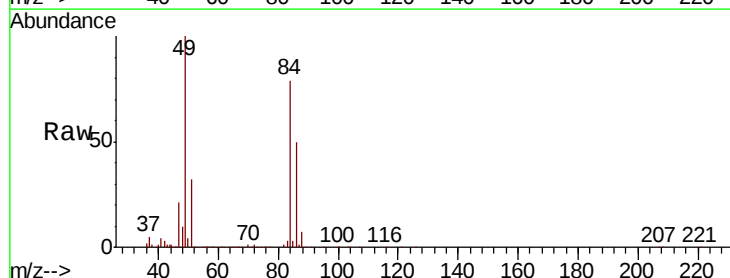
Tot Ion: 73 Resp: 167714
 Ion Ratio Lower Upper
 73 100
 57 22.4 16.7 25.1

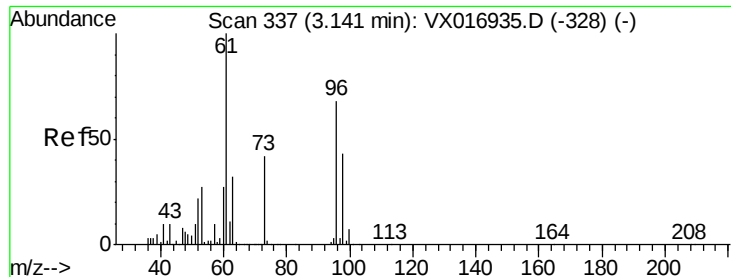


#20

Methylene Chloride
 Concen: 17.826 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX016934.D
 Acq: 23 Jun 2020 16:53

Tgt Ion: 84 Resp: 54891
 Ion Ratio Lower Upper
 84 100
 49 126.7 98.2 147.4
 51 40.8 30.7 46.1
 86 64.1 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 18.079 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

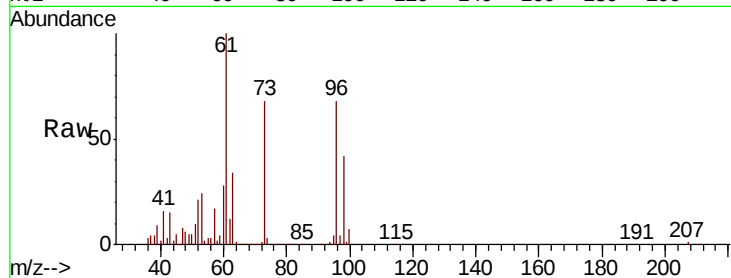
Tot Ion: 96 Resp: 47121

Ion Ratio Lower Upper

96 100

61 146.1 118.1 177.1

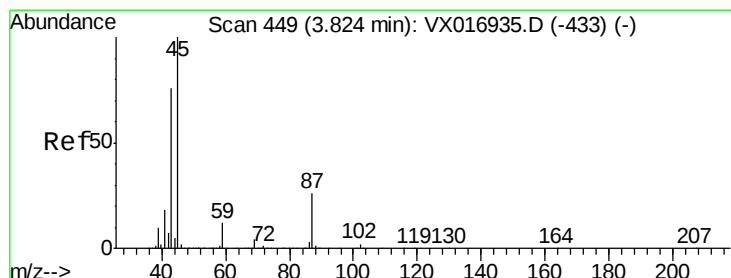
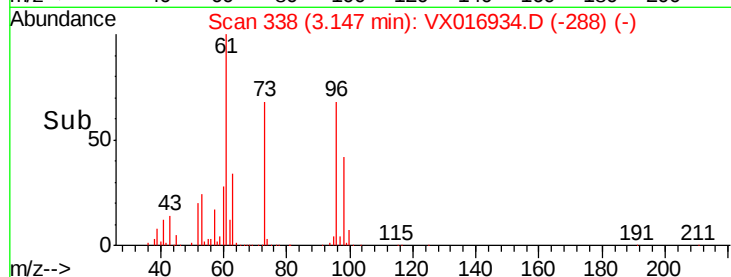
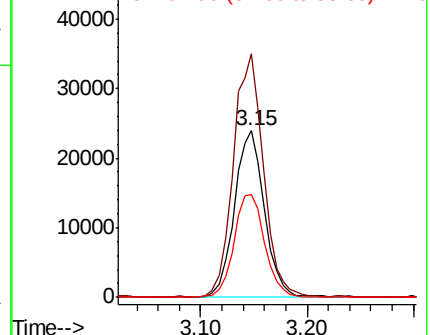
98 61.8 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.688 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Tgt Ion: 45 Resp: 148843

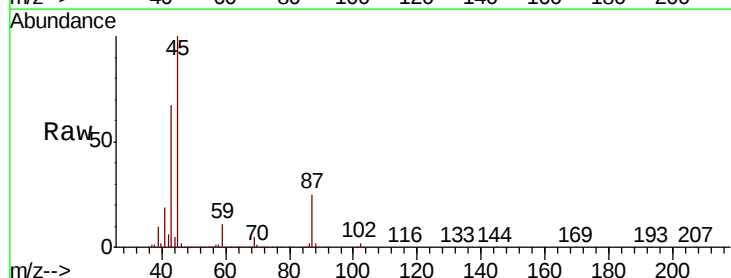
Ion Ratio Lower Upper

45 100

43 66.8 61.0 91.4

87 25.5 20.6 30.8

59 11.1 9.3 13.9

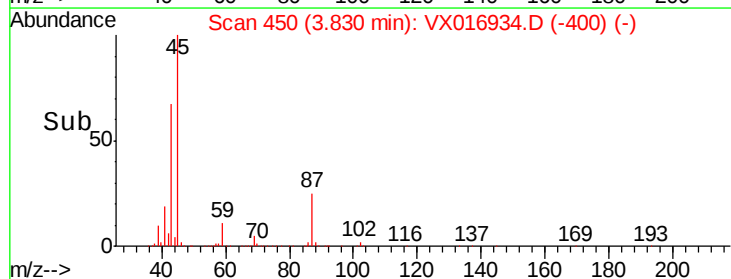
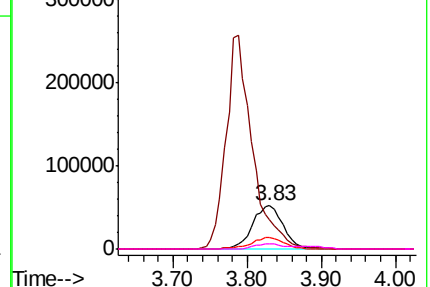


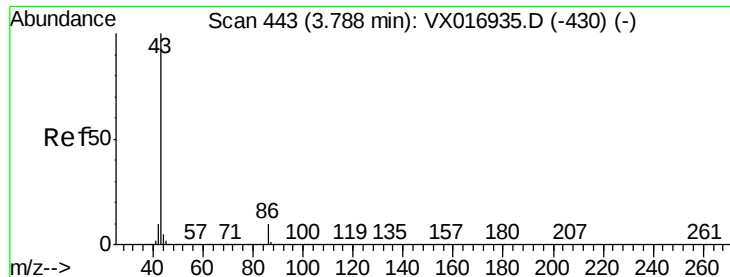
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 93.347 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

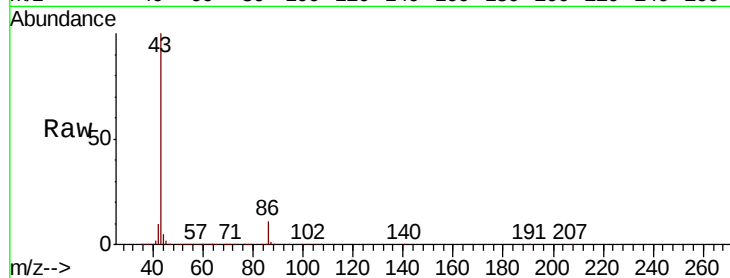
VSTDIC020

Tot Ion: 43 Resp: 634391

Ion Ratio Lower Upper

43 100

86 11.4 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

250000

200000

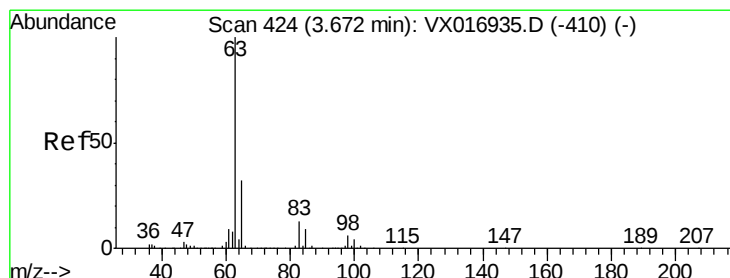
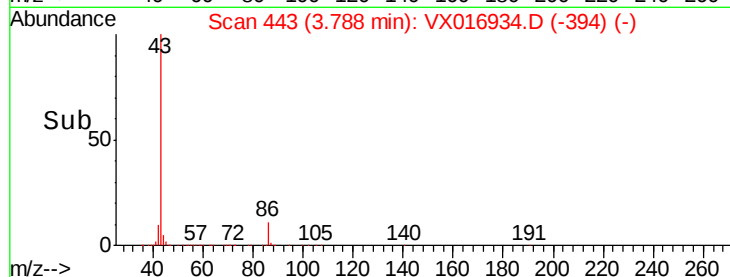
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.299 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

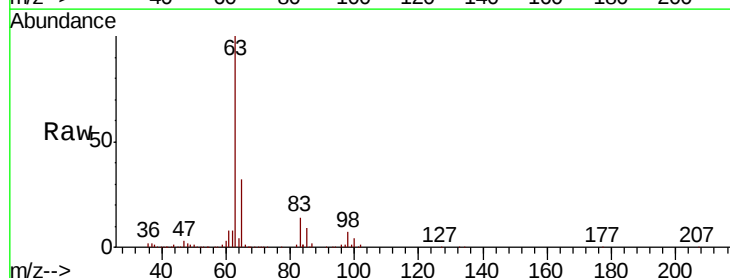
Tgt Ion: 63 Resp: 93518

Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.3

100 4.4 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

50000

40000

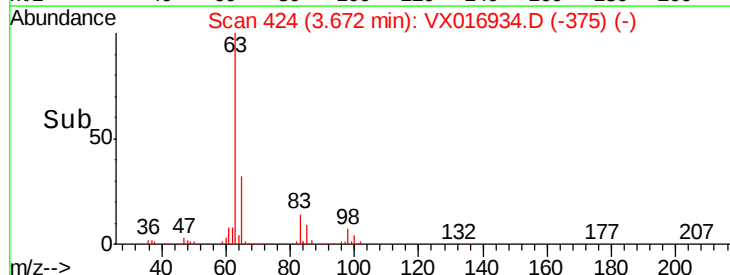
30000

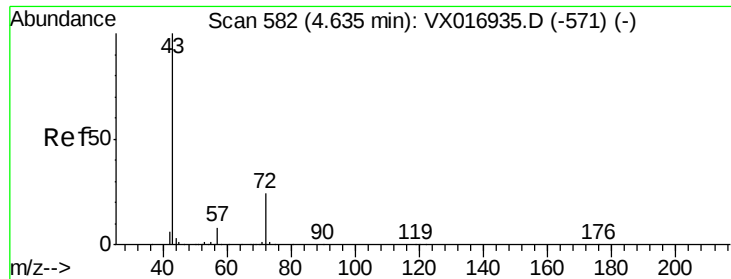
20000

10000

0

Time-->

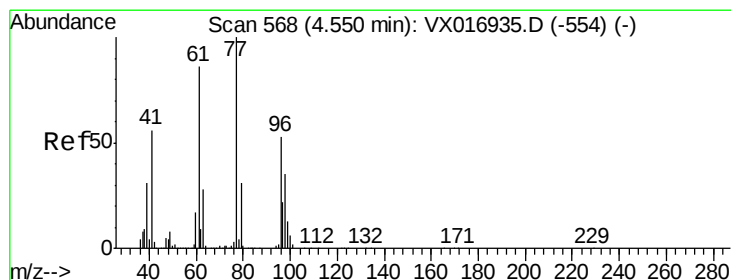
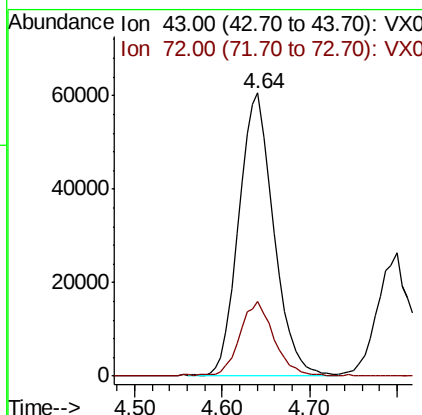
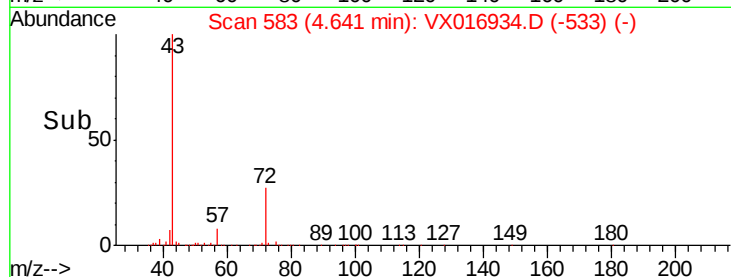
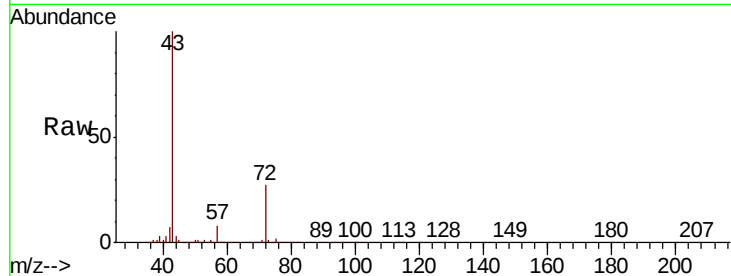




#25
2-Butanone
Concen: 85.910 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

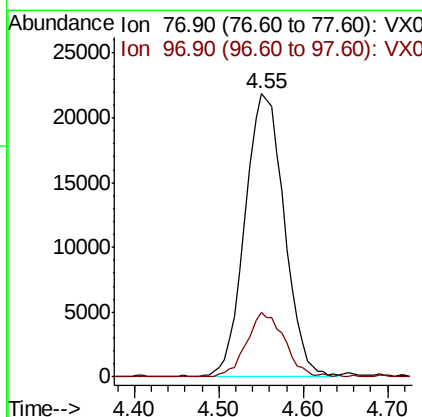
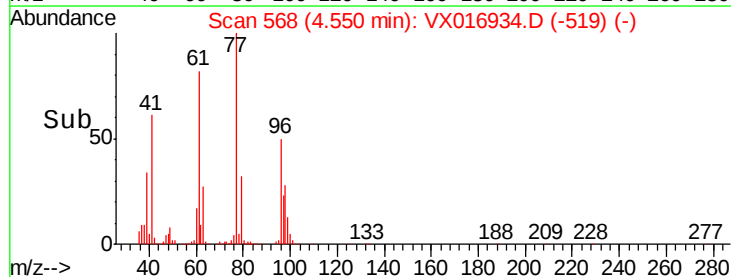
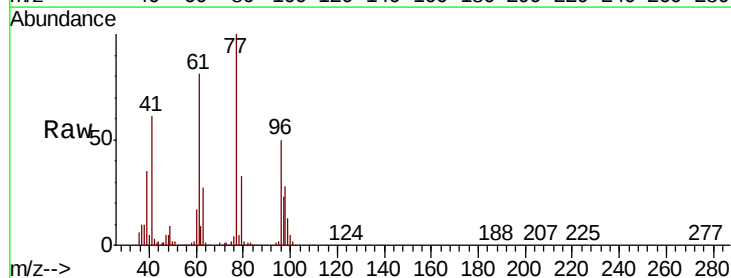
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

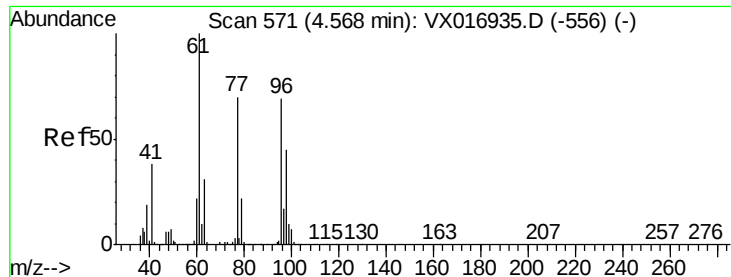
Tot Ion: 43 Resp: 167359
Ion Ratio Lower Upper
43 100
72 26.3 19.6 29.4



#26
2,2-Dichloropropane
Concen: 16.329 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Tgt Ion: 77 Resp: 69559
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9



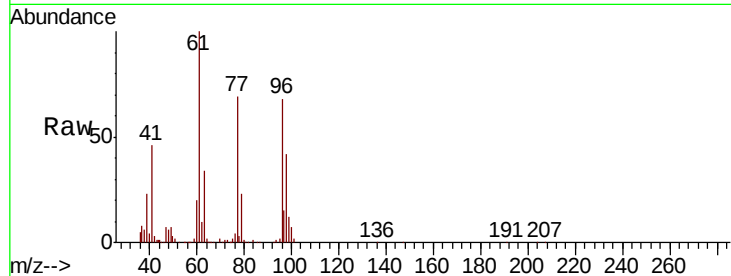


#27

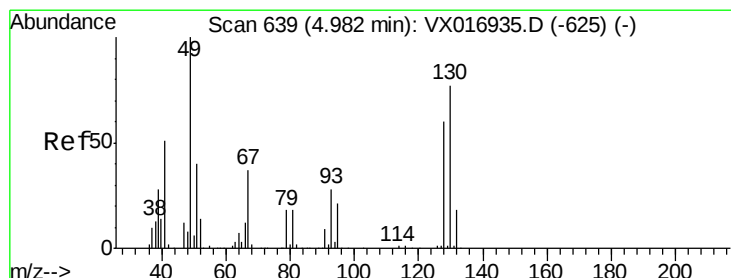
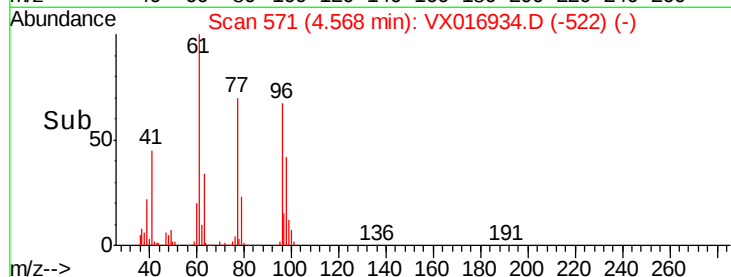
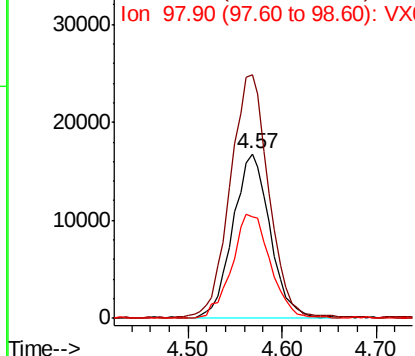
cis-1,2-Dichloroethene
Concen: 15.798 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	96	Resp	46316
Ion	Ratio	Lower	Upper
96	100		
61	152.8	0.0	312.2
98	66.0	0.0	130.6



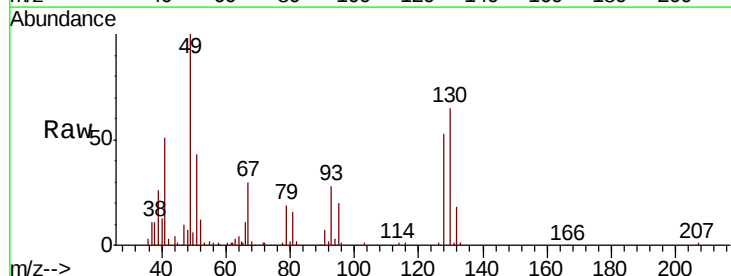
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



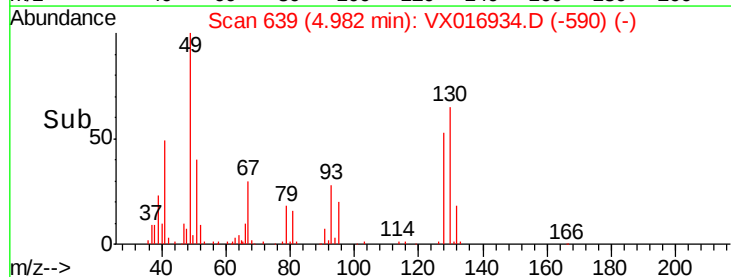
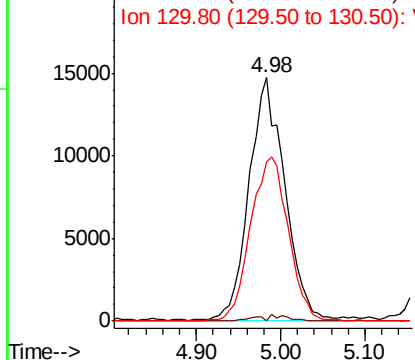
#28

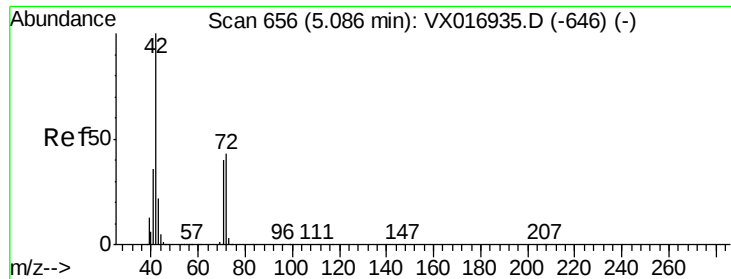
Bromochloromethane
Concen: 17.008 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Tgt Ion	49	Resp	42805
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.0
130	70.8	58.7	88.1



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

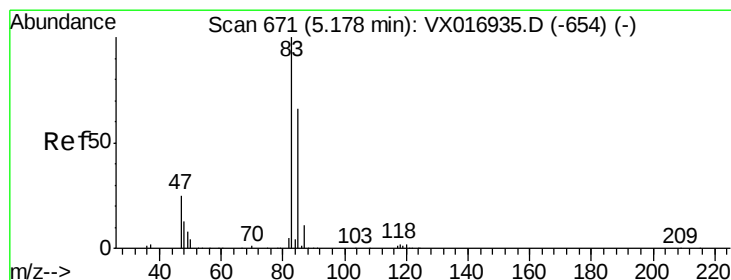
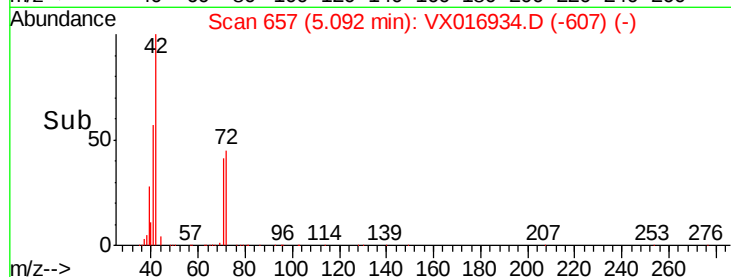
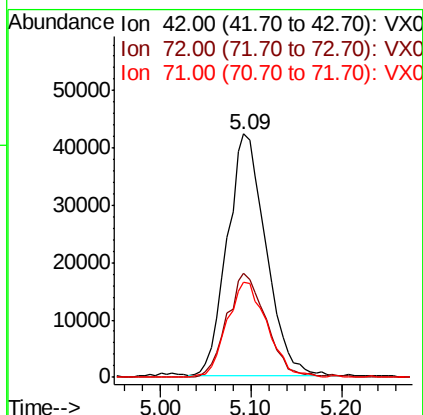
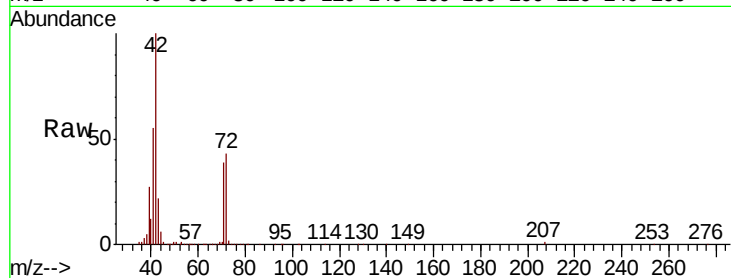




#29
Tetrahydrofuran
Concen: 104.725 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

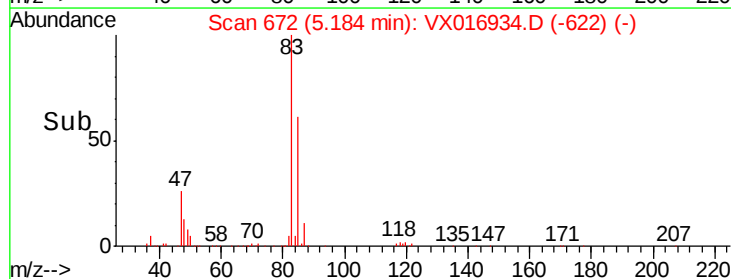
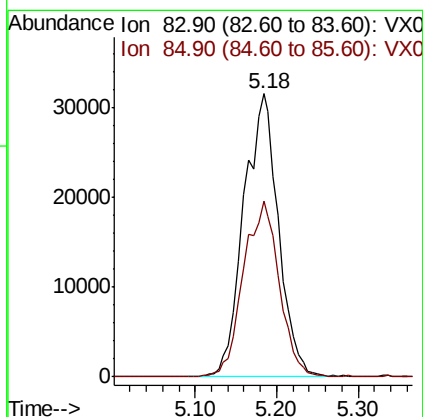
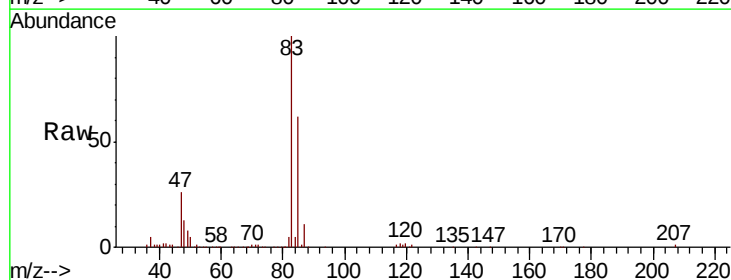
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

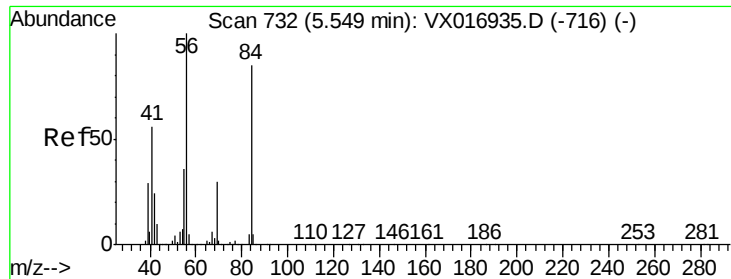
Tot Ion: 42 Resp: 125256
Ion Ratio Lower Upper
42 100
72 43.1 34.9 52.3
71 40.7 32.2 48.4



#30
Chloroform
Concen: 18.209 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Tgt Ion: 83 Resp: 92954
Ion Ratio Lower Upper
83 100
85 62.0 52.8 79.2

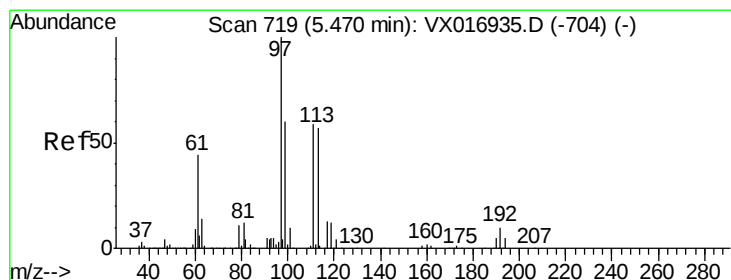
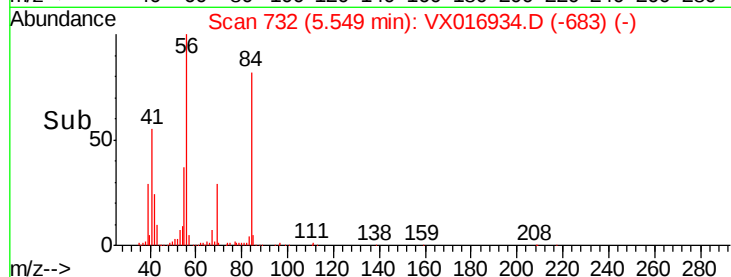
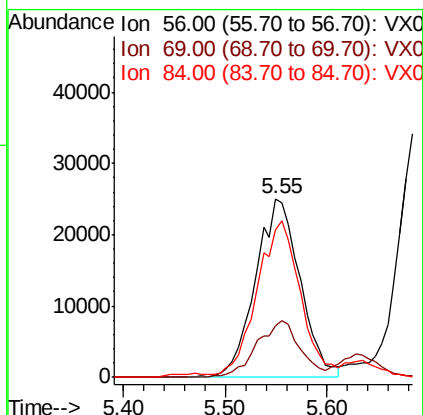
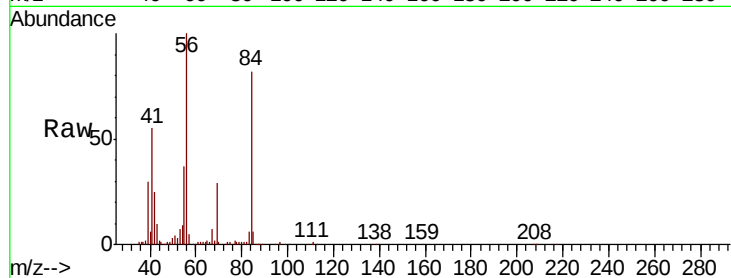




#31
Cyclohexane
Concen: 19.689 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

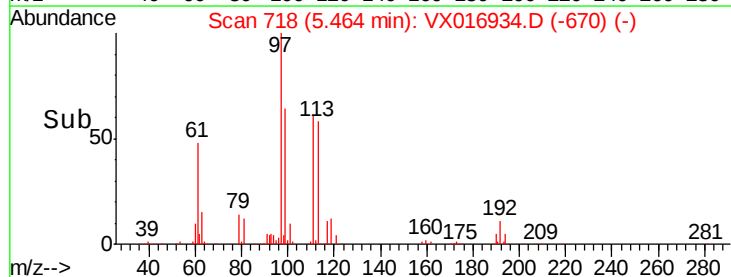
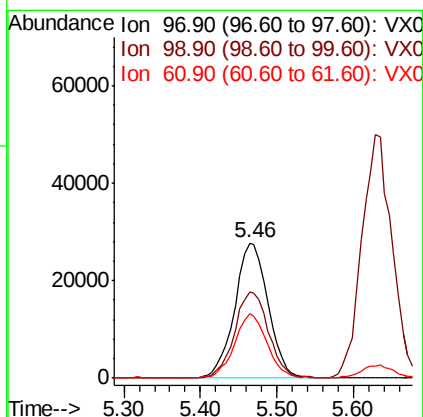
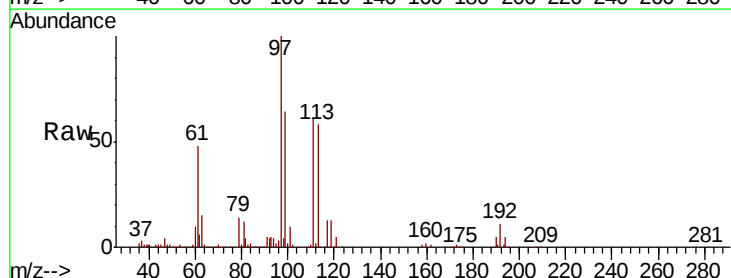
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

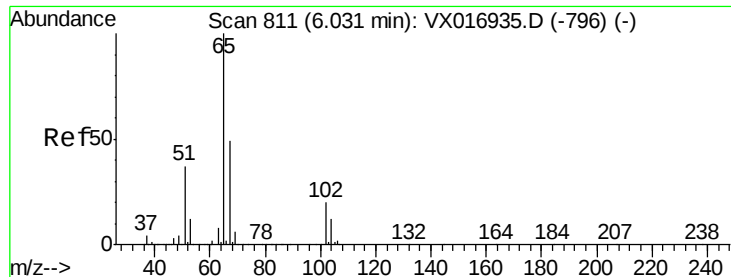
Tot Ion: 56 Resp: 76008
Ion Ratio Lower Upper
56 100
69 28.4 24.4 36.6
84 80.4 67.0 100.6



#32
1,1,1-Trichloroethane
Concen: 18.761 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Tgt Ion: 97 Resp: 83959
Ion Ratio Lower Upper
97 100
99 65.0 50.6 76.0
61 46.0 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 18.814 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

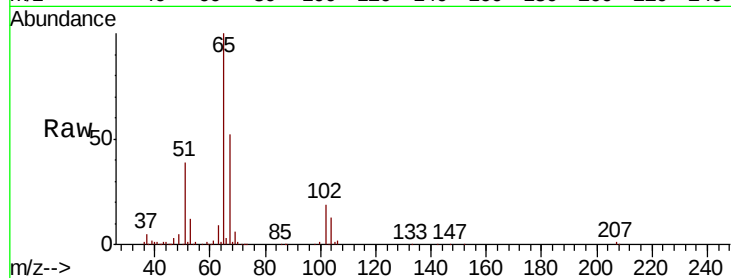
VSTDIC020

Tot Ion: 65 Resp: 61187

Ion Ratio Lower Upper

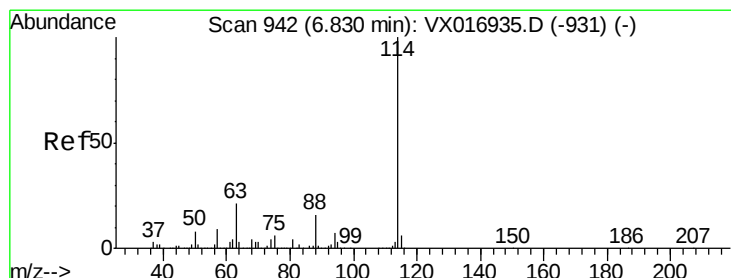
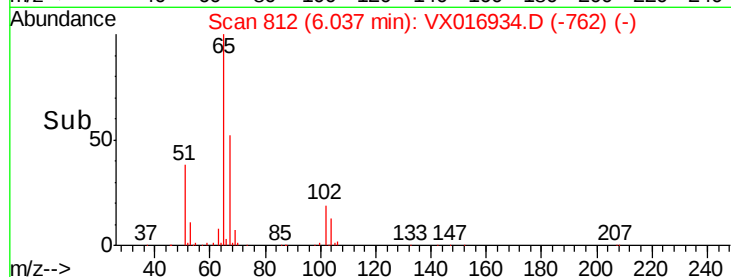
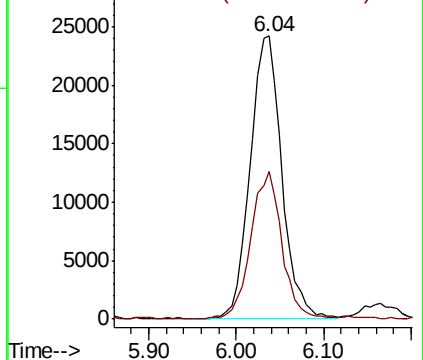
65 100

67 51.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

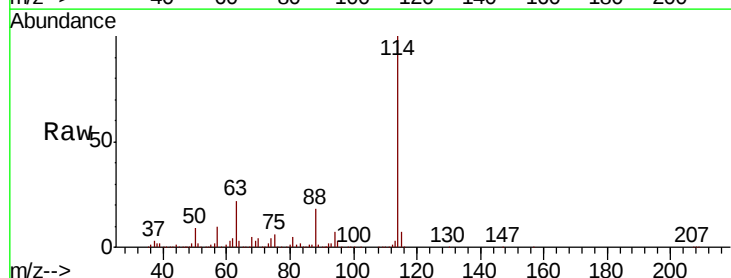
Tgt Ion: 114 Resp: 372175

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.4

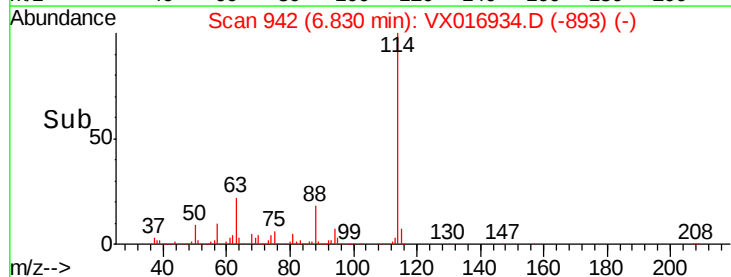
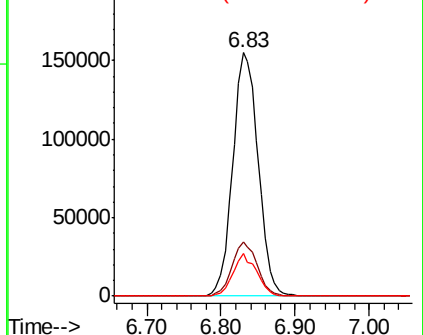
88 17.5 0.0 32.4

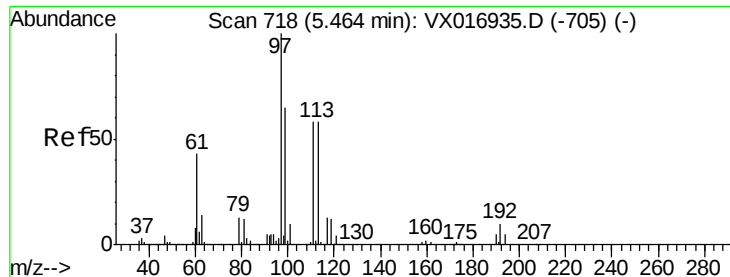


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

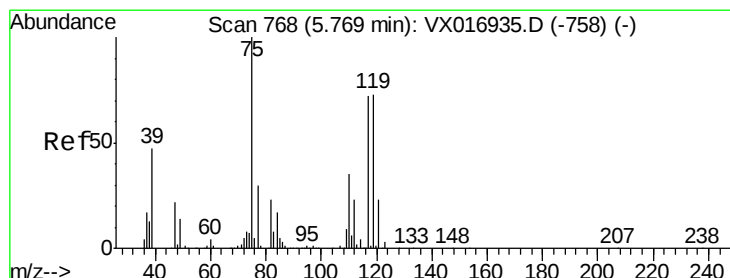
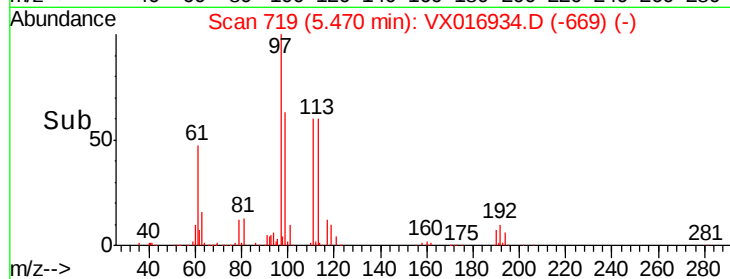
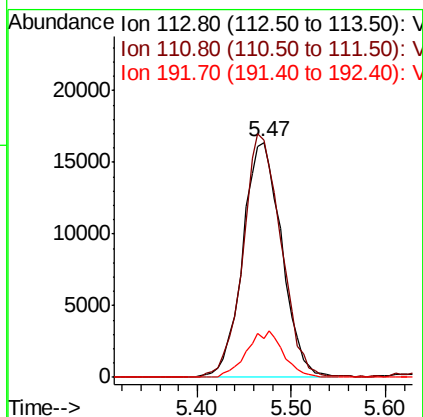
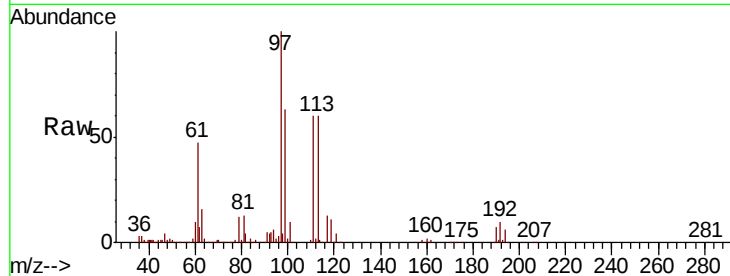




#35
 Dibromofluoromethane
 Concen: 18.625 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016934.D
 Acq: 23 Jun 2020 16:53

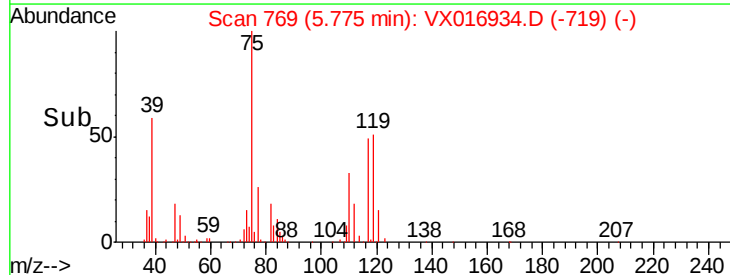
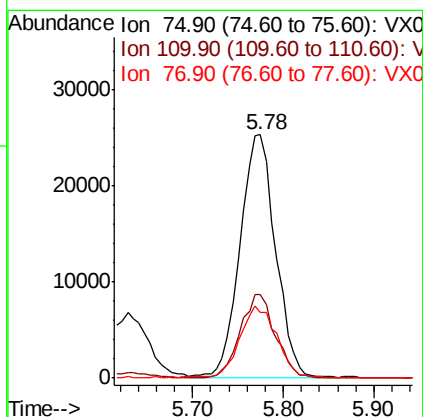
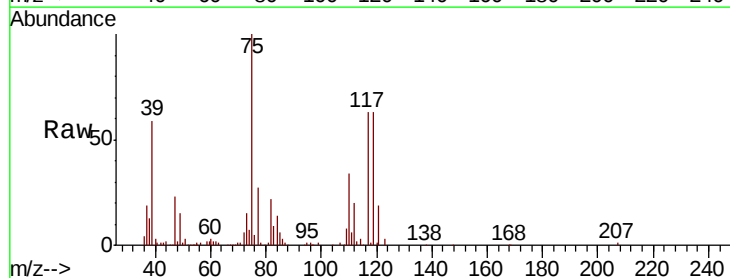
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

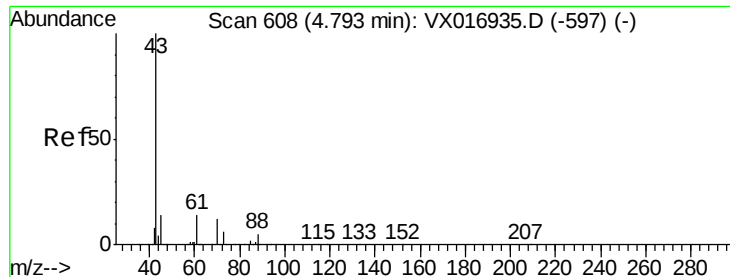
Tot Ion:113 Resp: 47431
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.4 125.0
 192 18.5 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 19.189 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX016934.D
 Acq: 23 Jun 2020 16:53

Tgt Ion: 75 Resp: 68106
 Ion Ratio Lower Upper
 75 100
 110 34.4 17.1 51.3
 77 31.2 24.9 37.3

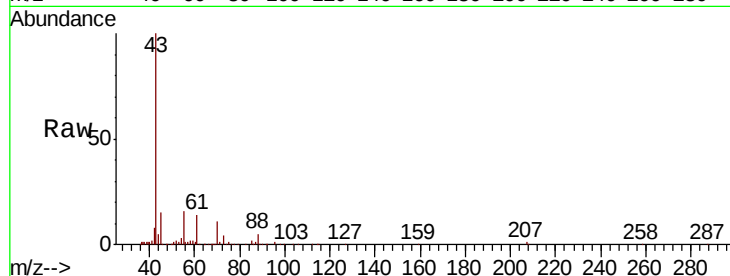




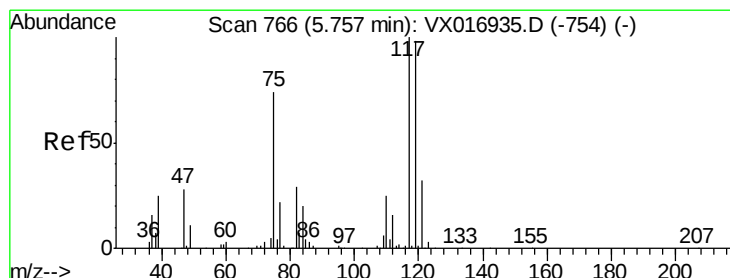
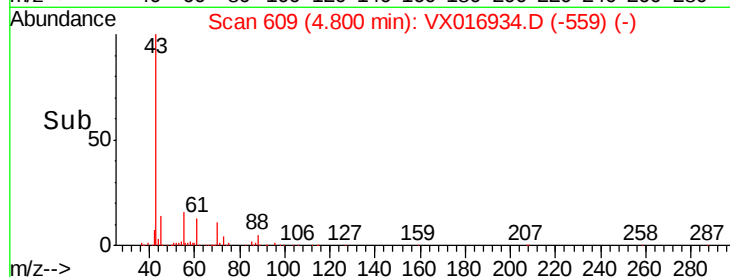
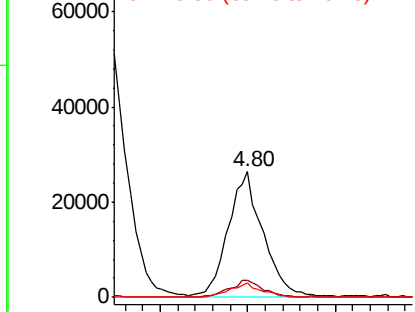
#37
Ethyl Acetate
Concen: 18.400 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 71753
Ion Ratio Lower Upper
43 100
61 12.3 11.0 16.4
70 10.6 8.9 13.3

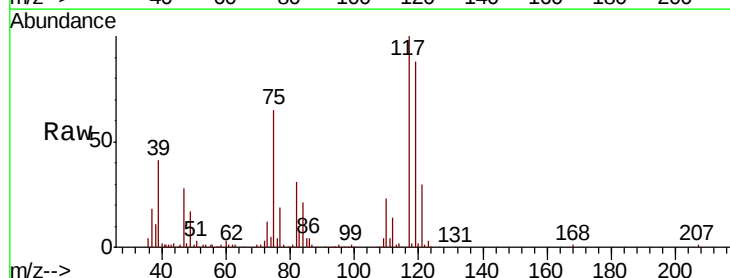


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

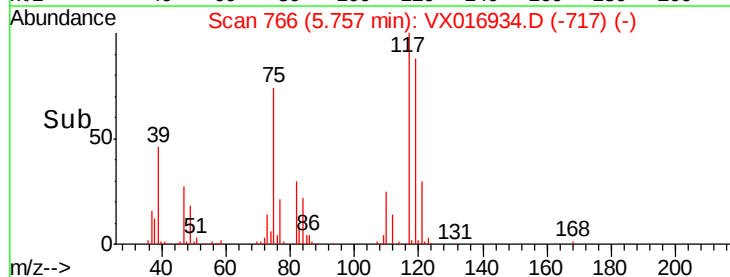
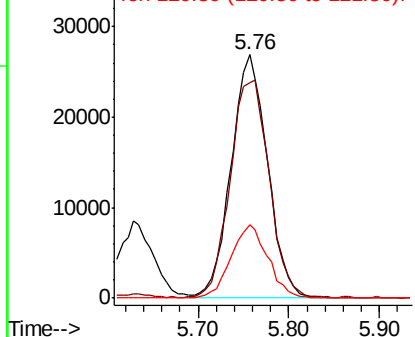


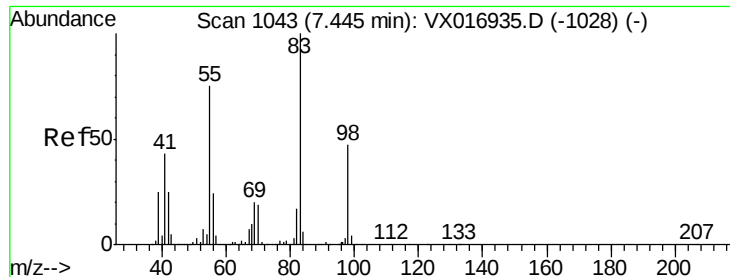
#38
Carbon Tetrachloride
Concen: 19.746 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Tgt Ion: 117 Resp: 74943
Ion Ratio Lower Upper
117 100
119 88.5 78.2 117.2
121 30.4 25.0 37.6



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

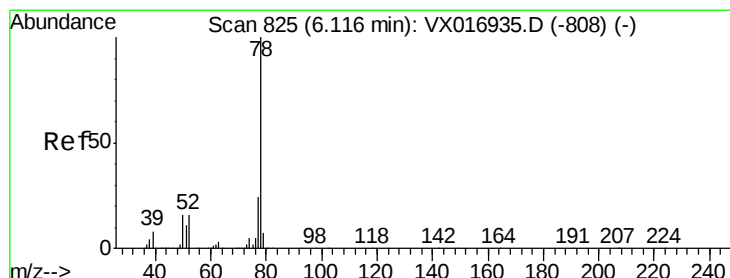
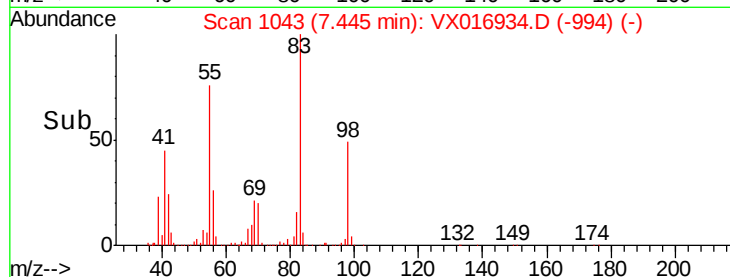
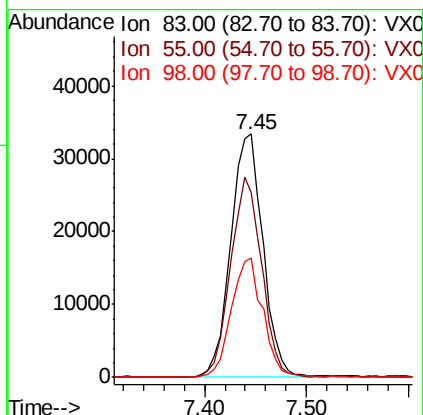
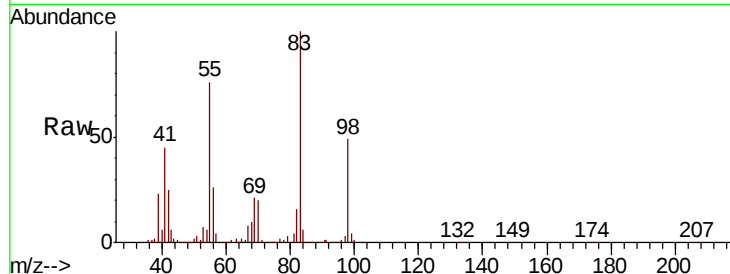




#39
Methvlcvclohexane
Concen: 18.717 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

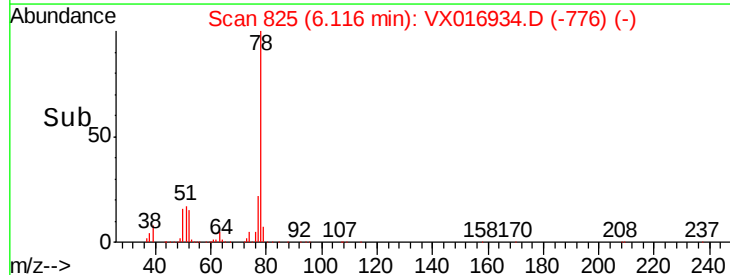
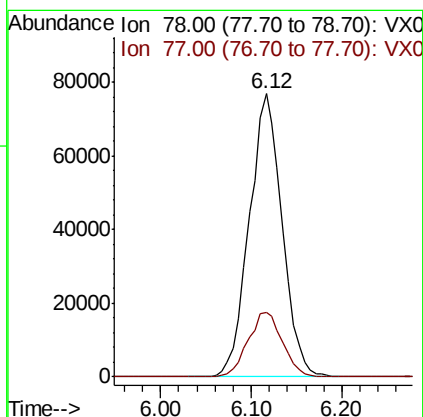
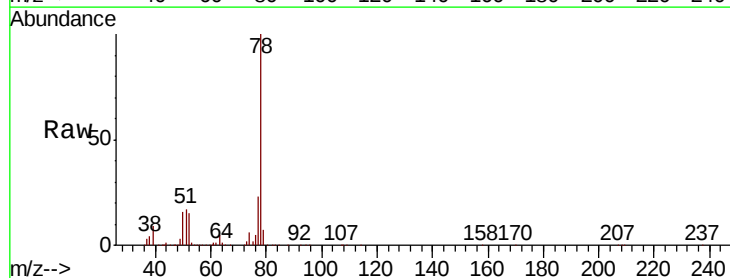
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

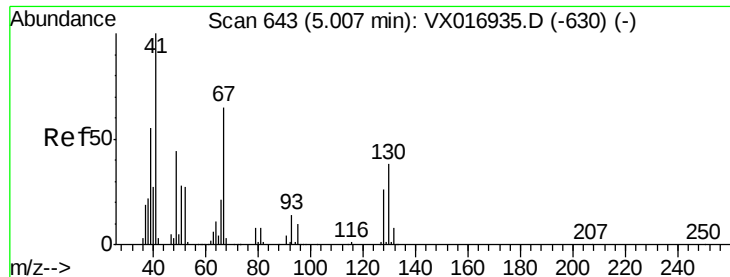
Tot Ion: 83 Resp: 73214
Ion Ratio Lower Upper
83 100
55 75.9 59.9 89.9
98 48.9 37.3 55.9



#40
Benzene
Concen: 18.926 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Tgt Ion: 78 Resp: 192464
Ion Ratio Lower Upper
78 100
77 22.6 19.1 28.7

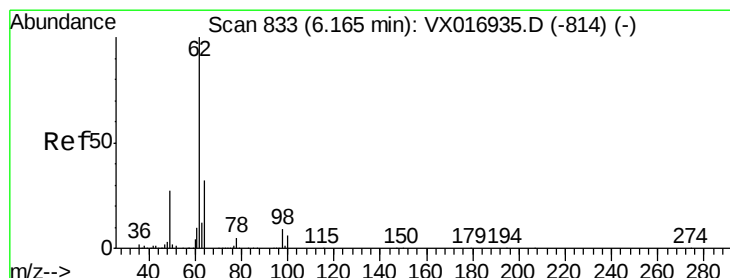
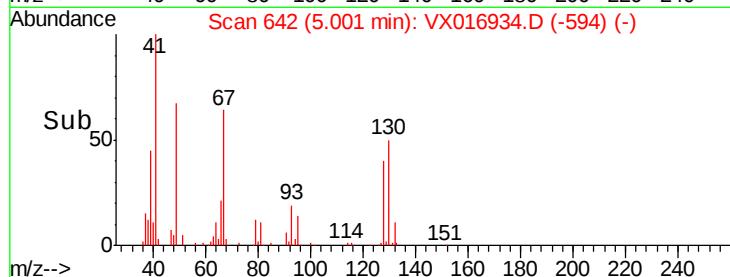
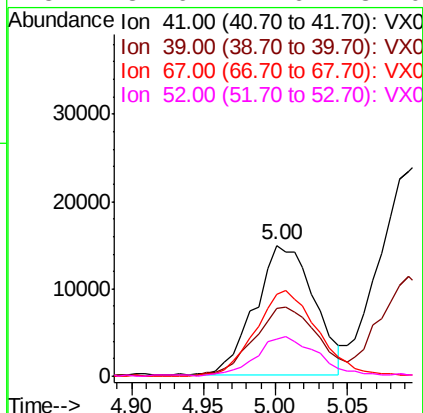
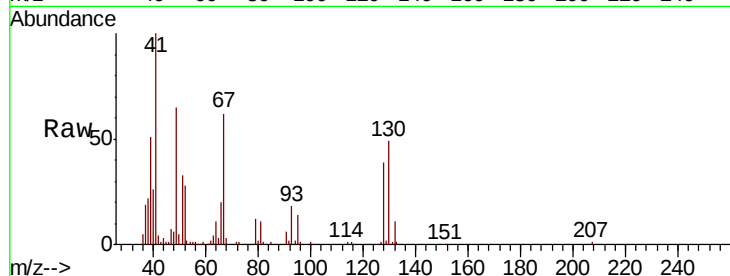




#41
Methacrylonitrile
Concen: 18.843 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

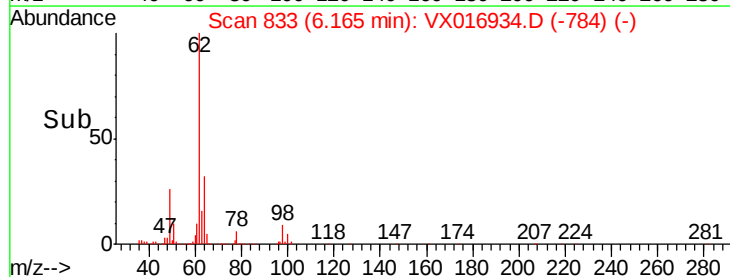
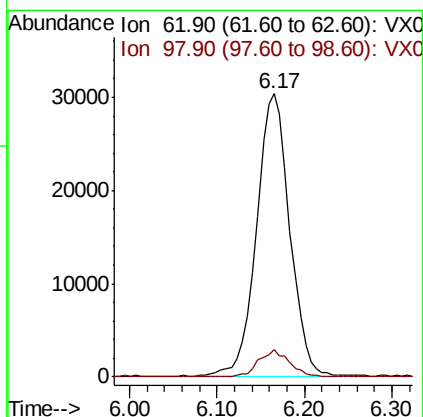
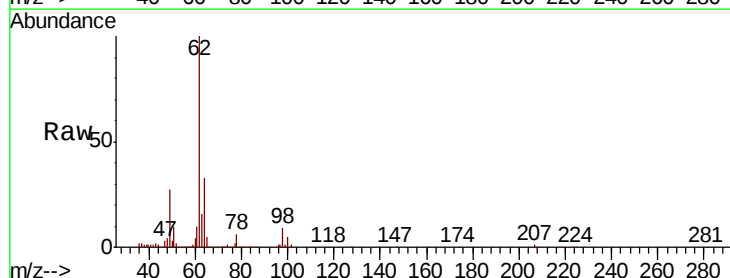
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

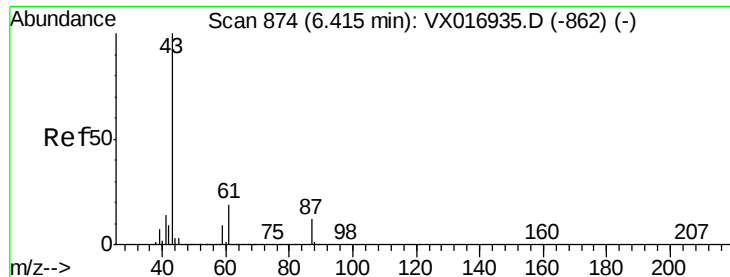
Tot Ion:	41	Resp:	42805
Ion	Ratio	Lower	Upper
41	100		
39	58.2	44.2	66.2
67	69.5	55.1	82.7
52	32.6	22.6	34.0



#42
1,2-Dichloroethane
Concen: 19.275 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Tgt Ion:	62	Resp:	80456
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.0



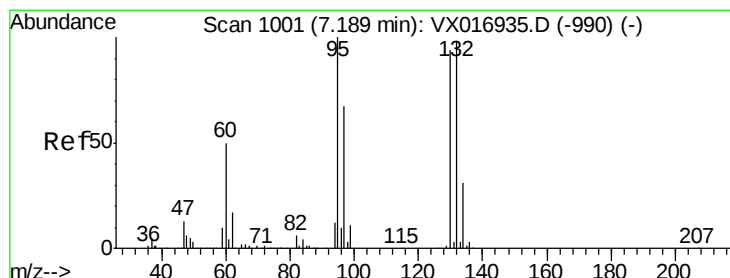
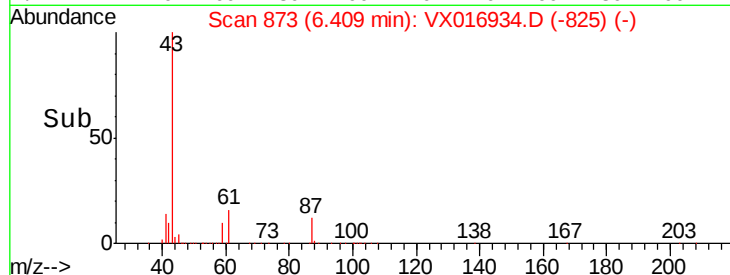
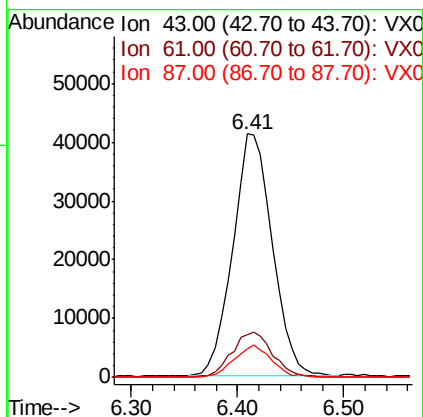
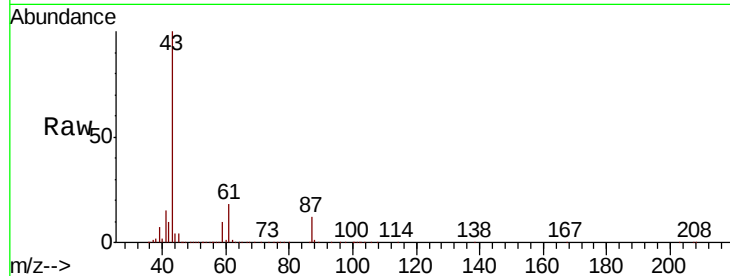


#43

Isopropyl Acetate
 Concen: 15.871 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016934.D
 Acq: 23 Jun 2020 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

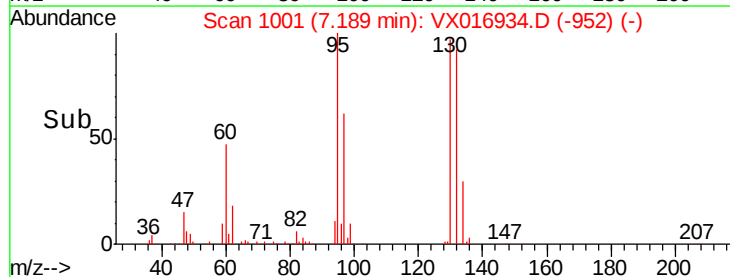
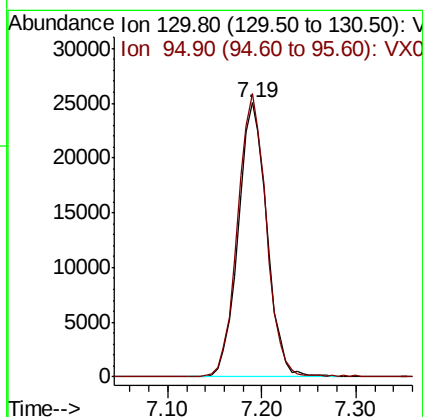
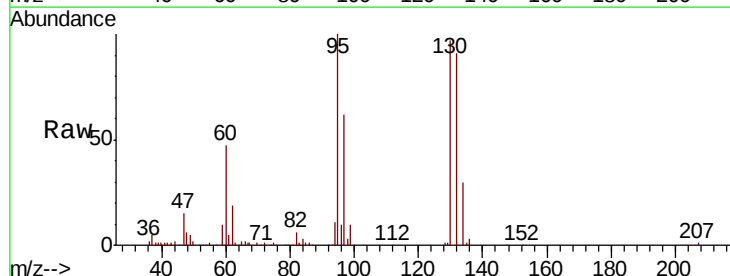
Tot Ion	43	Resp	107836
Ion Ratio	Lower	Upper	
43	100		
61	19.3	15.4	23.0
87	12.8	10.2	15.2

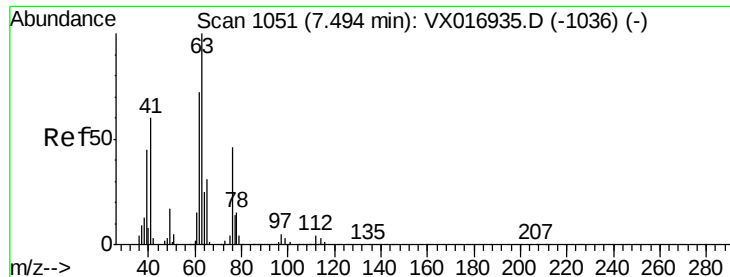


#44

Trichloroethene
 Concen: 18.695 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016934.D
 Acq: 23 Jun 2020 16:53

Tgt Ion	130	Resp	53213
Ion Ratio	Lower	Upper	
130	100		
95	102.9	0.0	213.2





#45

1,2-Dichloropropane

Concen: 18.970 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

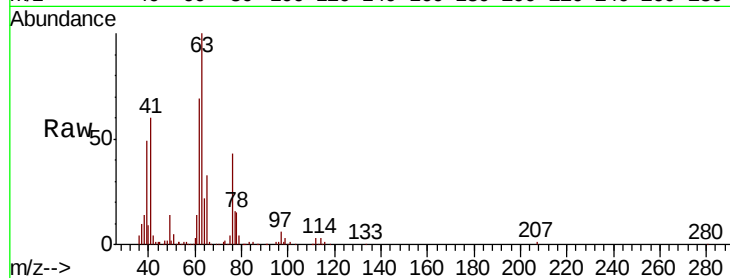
VSTDIC020

Tot Ion: 63 Resp: 53446

Ion Ratio Lower Upper

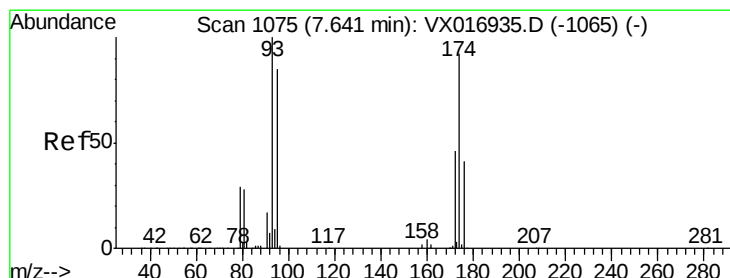
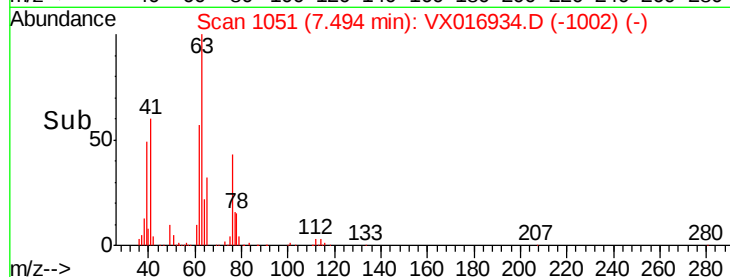
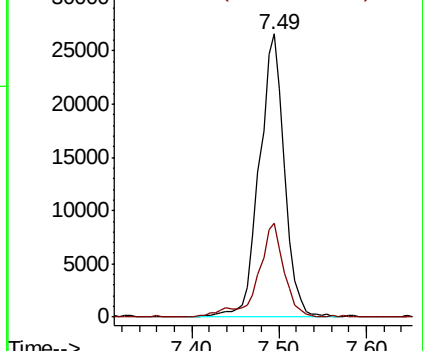
63 100

65 32.9 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.904 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

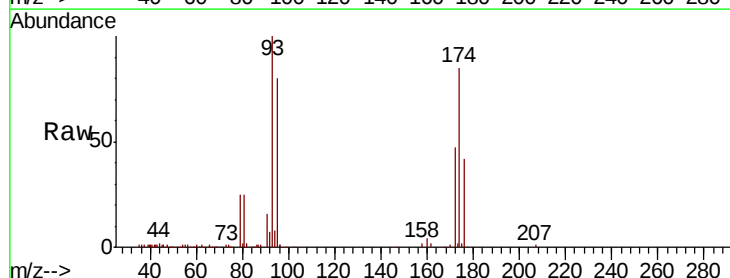
Tgt Ion: 93 Resp: 36811

Ion Ratio Lower Upper

93 100

95 82.5 66.3 99.5

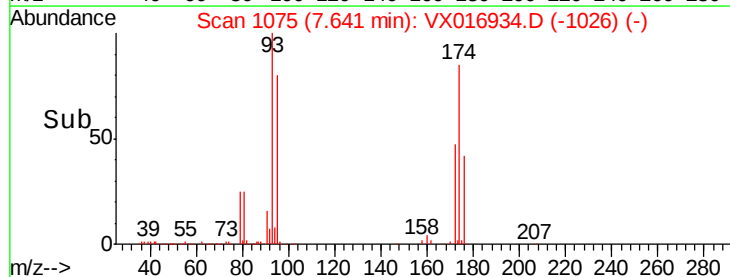
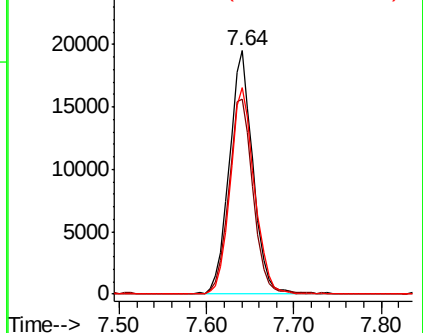
174 86.0 71.1 106.7

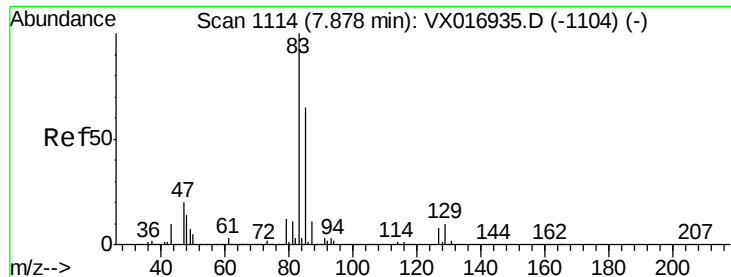


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.489 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

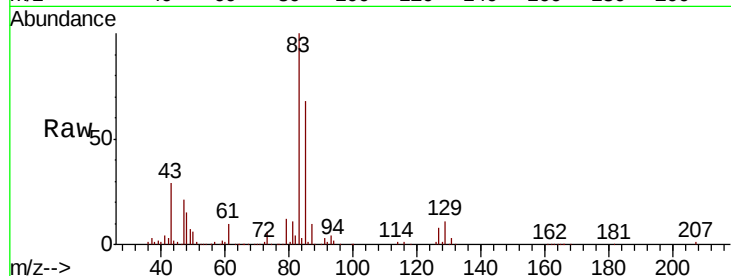
Tot Ion: 83 Resp: 75511

Ion Ratio Lower Upper

83 100

85 67.6 52.4 78.6

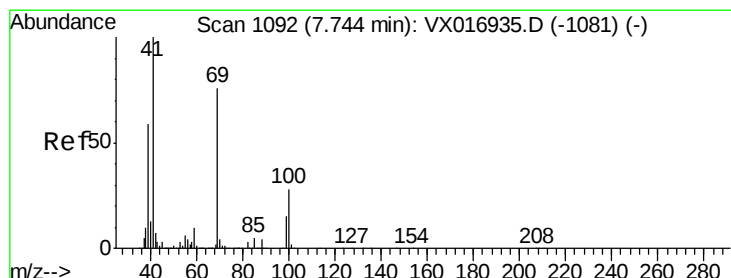
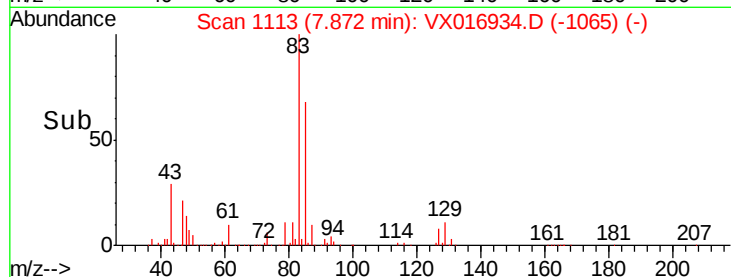
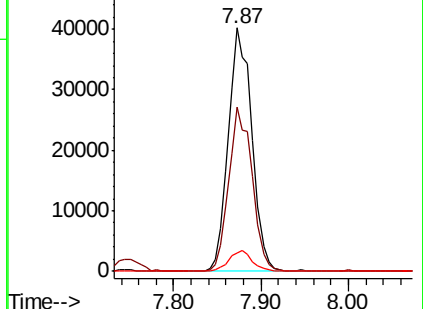
127 7.7 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.712 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

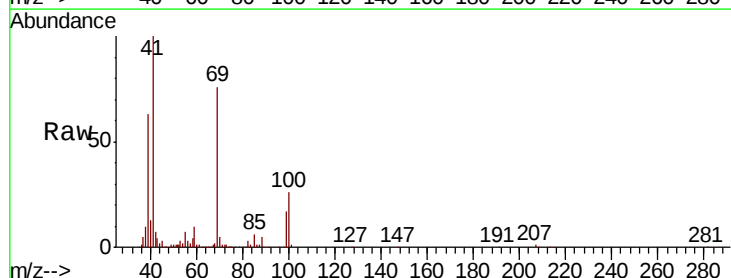
Tgt Ion: 41 Resp: 59117

Ion Ratio Lower Upper

41 100

69 78.5 62.5 93.7

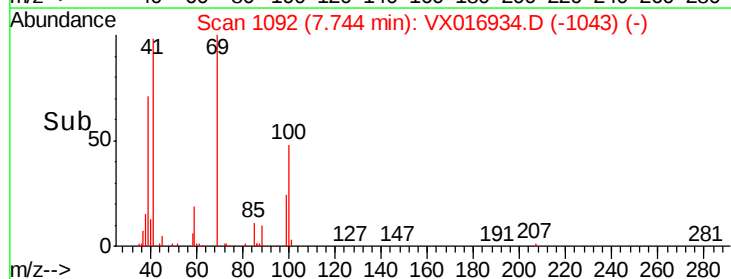
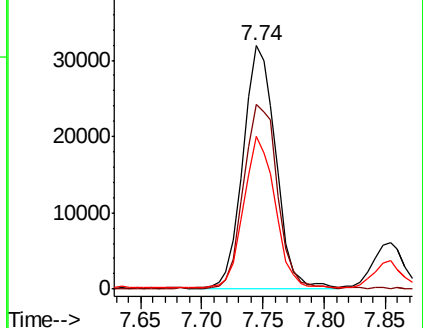
39 60.3 49.1 73.7

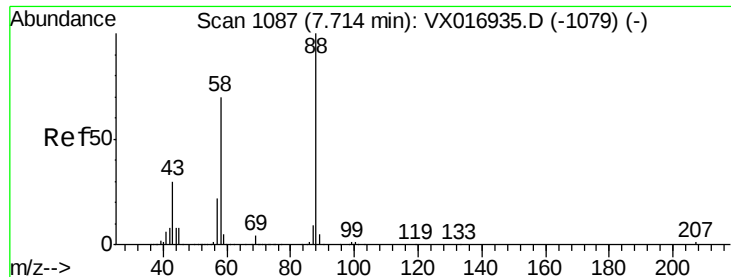


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 380.717 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

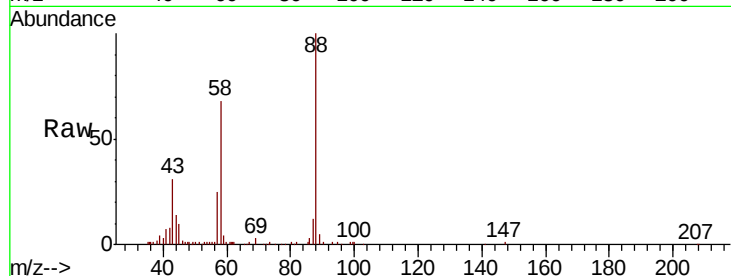
Tot Ion: 88 Resp: 25869

Ion Ratio Lower Upper

88 100

43 37.9 27.3 40.9

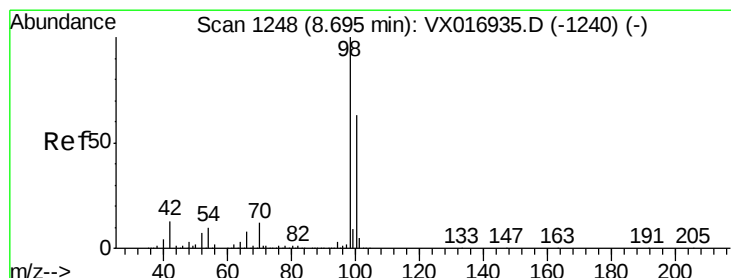
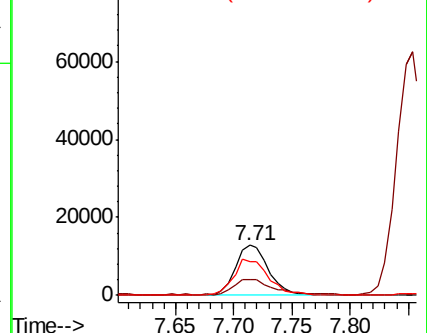
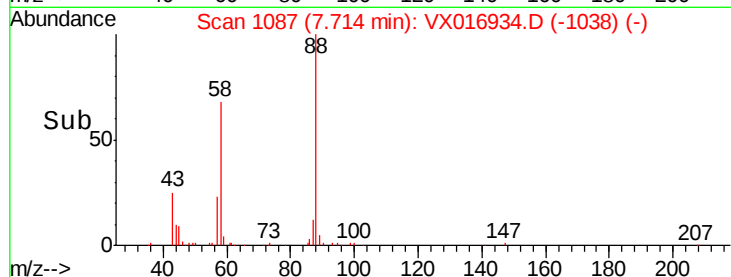
58 75.2 57.4 86.0



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: 18.578 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016934.D

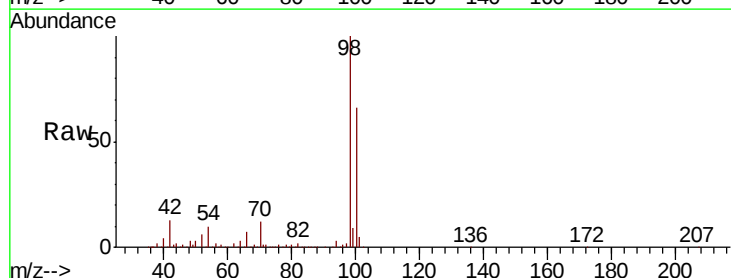
Acq: 23 Jun 2020 16:53

Tgt Ion: 98 Resp: 166915

Ion Ratio Lower Upper

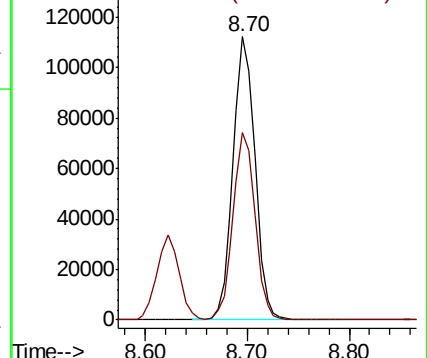
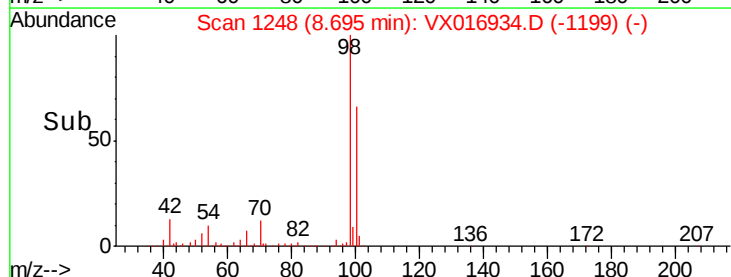
98 100

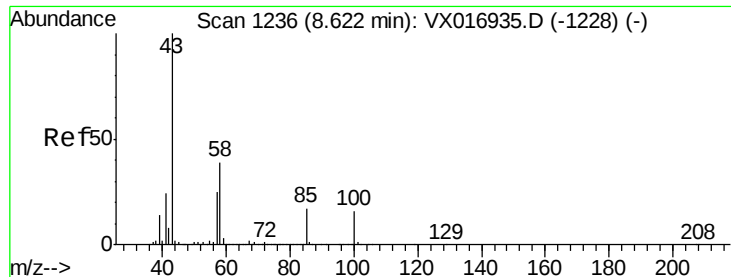
100 65.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

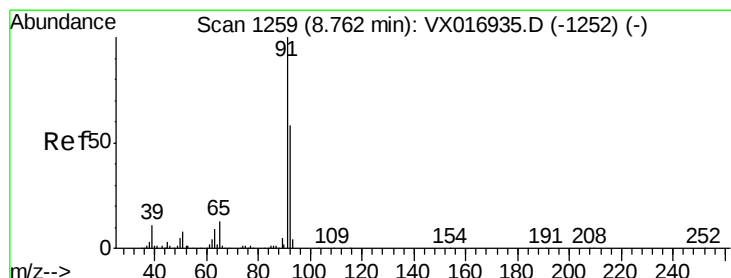
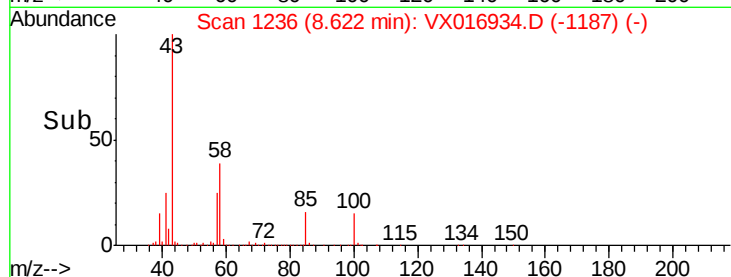
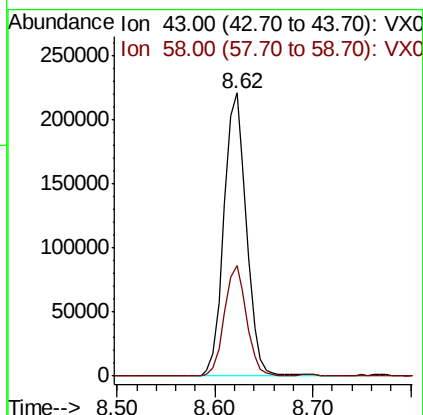
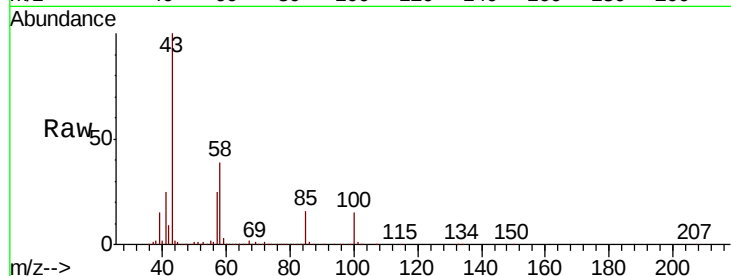




#51
4-Methyl-2-Pentanone
Concen: 89.164 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

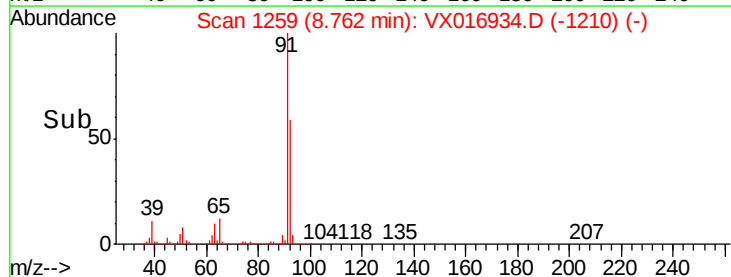
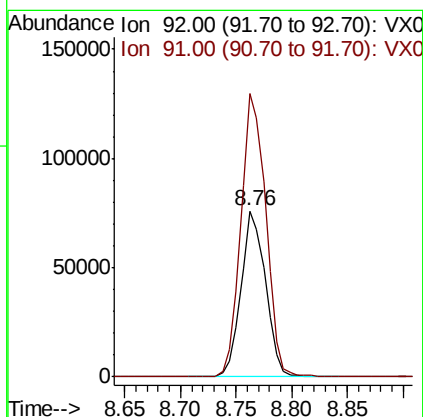
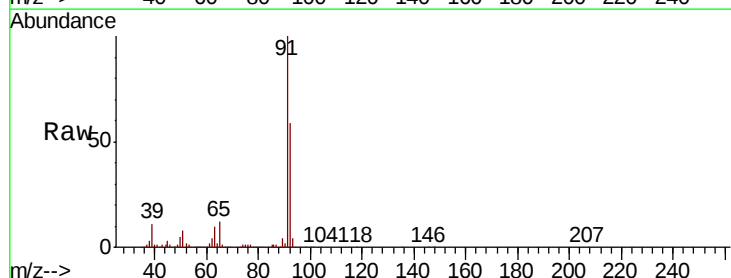
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

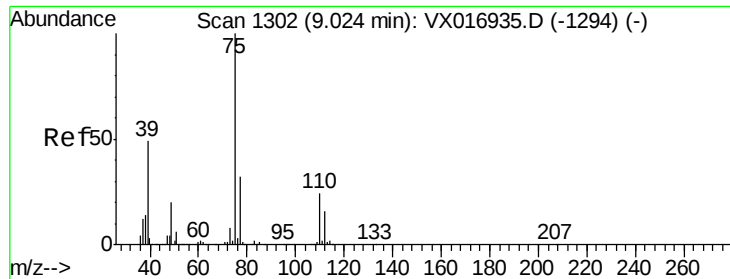
Tot Ion: 43 Resp: 352885
Ion Ratio Lower Upper
43 100
58 38.2 30.6 46.0



#52
Toluene
Concen: 18.567 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Tgt Ion: 92 Resp: 115982
Ion Ratio Lower Upper
92 100
91 174.6 137.4 206.0

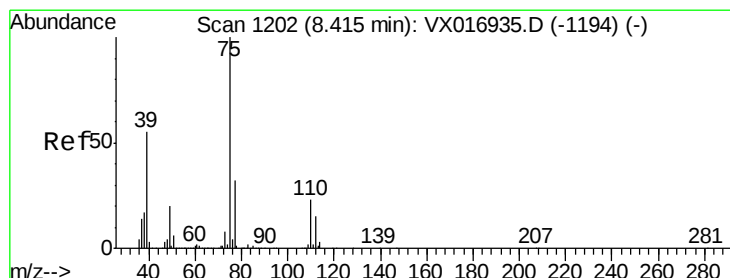
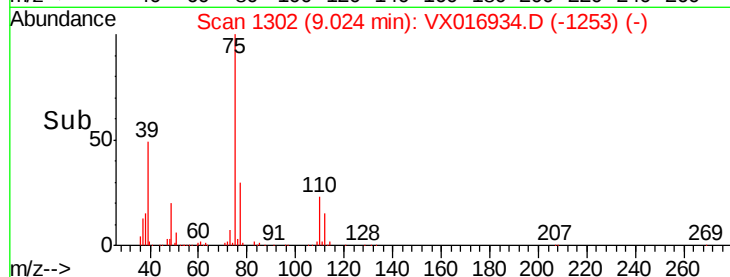
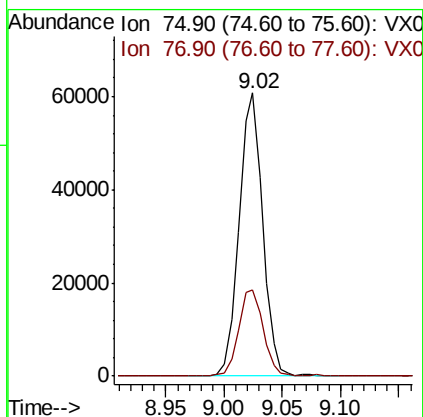
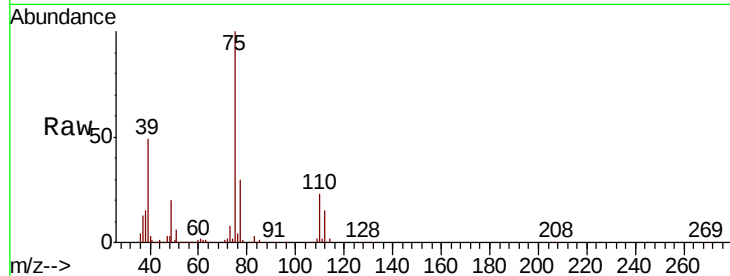




#53
t-1,3-Dichloropropene
Concen: 18.285 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

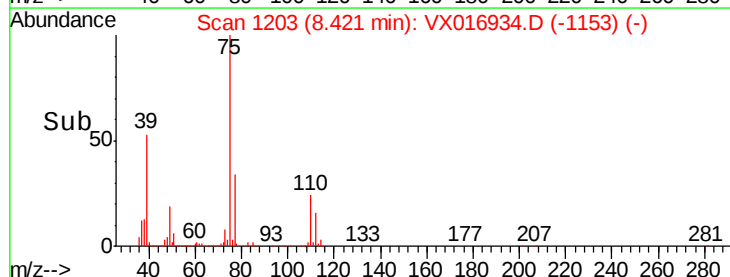
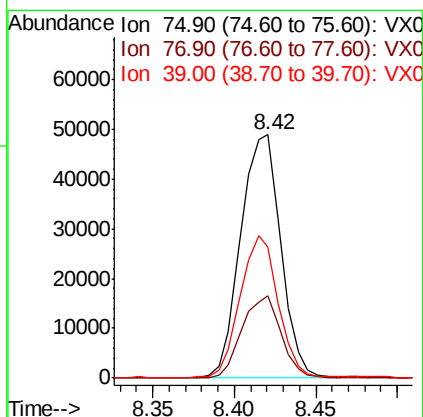
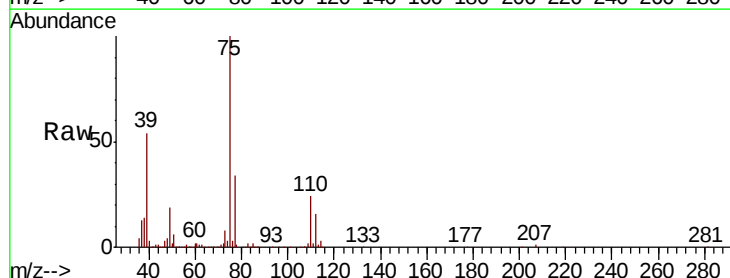
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

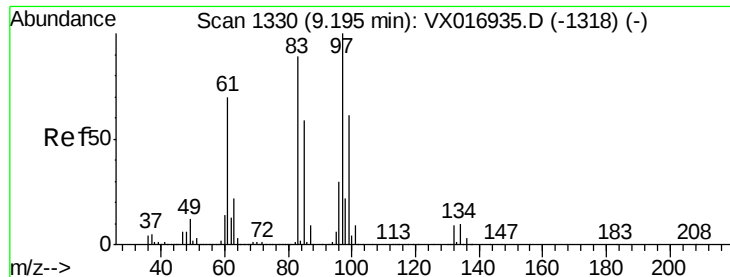
Tot Ion: 75 Resp: 85956
Ion Ratio Lower Upper
75 100
77 30.3 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 18.506 ug/l
RT: 8.42 min Scan# 1203
Delta R.T. 0.01 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Tgt Ion: 75 Resp: 83947
Ion Ratio Lower Upper
75 100
77 33.4 25.5 38.3
39 53.0 44.4 66.6

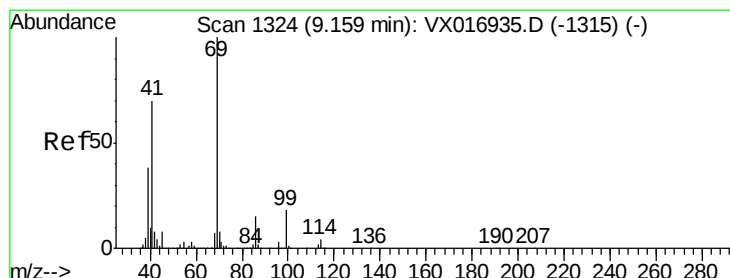
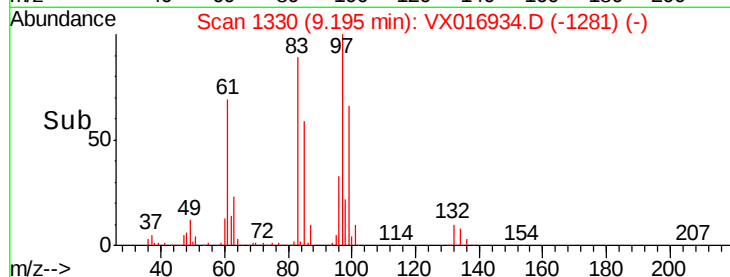
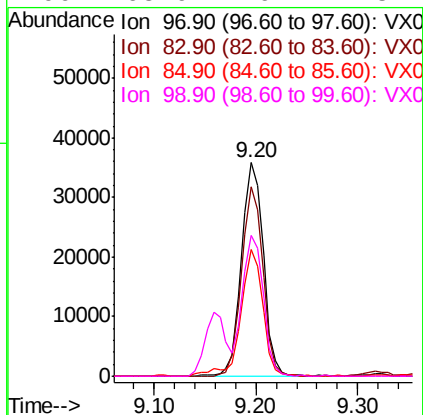
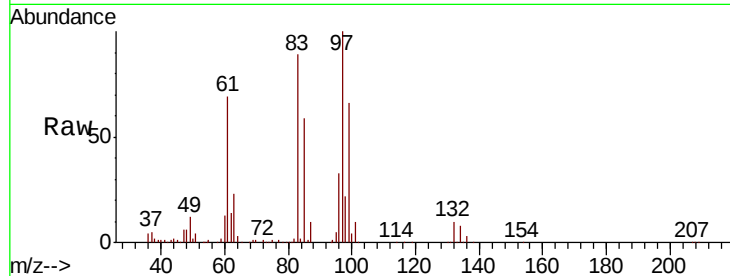




#55
 1,1,2-Trichloroethane
 Concen: 18.931 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016934.D
 Acq: 23 Jun 2020 16:53

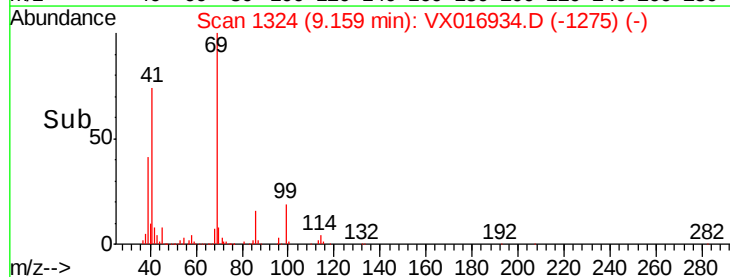
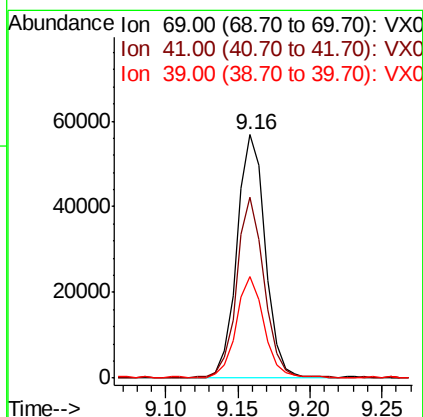
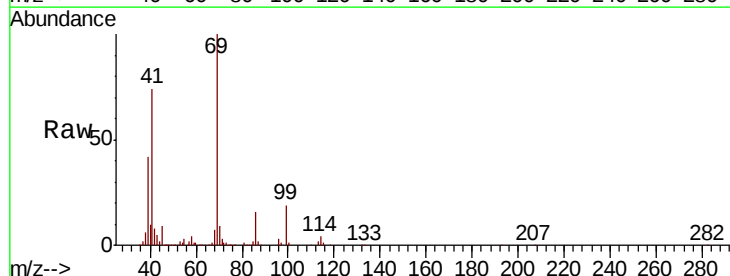
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

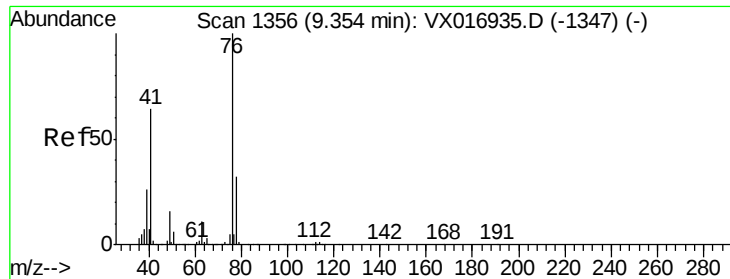
Tot Ion:	97	Resp:	53557
Ion	Ratio	Lower	Upper
97	100		
83	88.7	71.3	106.9
85	58.9	47.4	71.2
99	65.9	49.1	73.7



#56
 Ethyl methacrylate
 Concen: 17.844 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016934.D
 Acq: 23 Jun 2020 16:53

Tgt Ion:	69	Resp:	78195
Ion	Ratio	Lower	Upper
69	100		
41	71.4	56.6	84.8
39	40.6	31.8	47.8





#57

1,3-Dichloropropane

Concen: 18.492 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

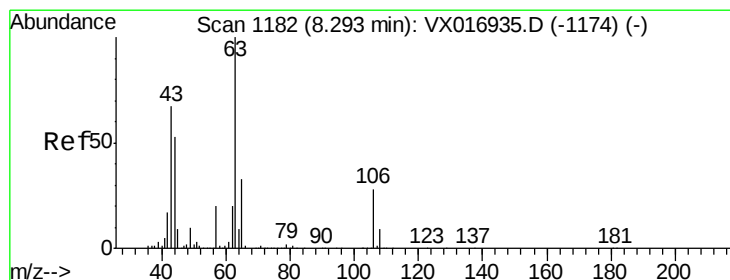
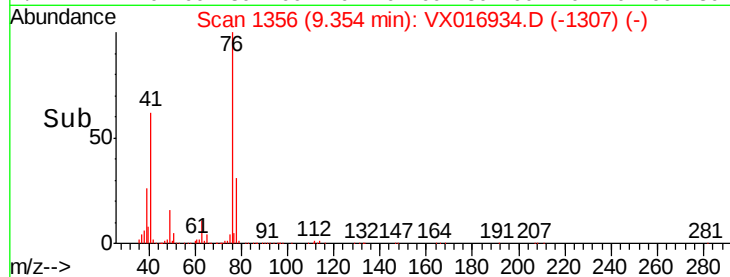
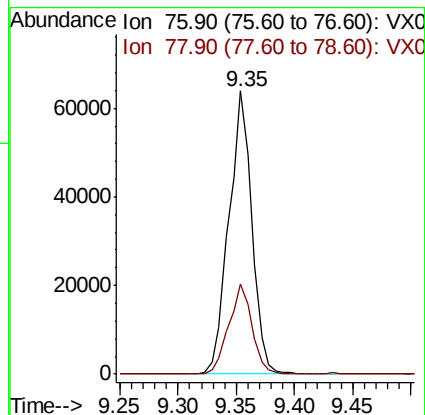
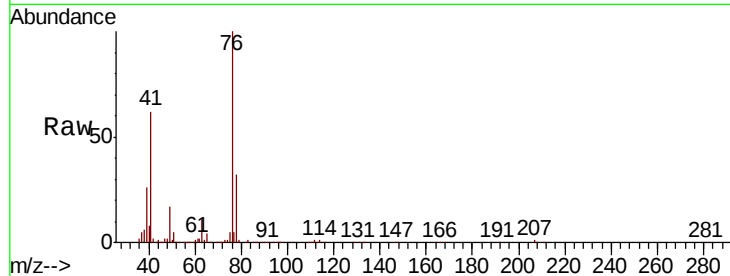
VSTDIC020

Tot Ion: 76 Resp: 87683

Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 106.135 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016934.D

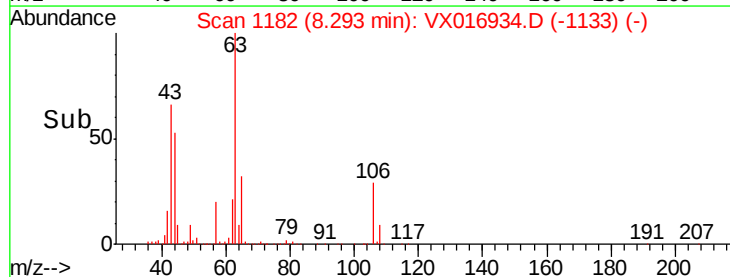
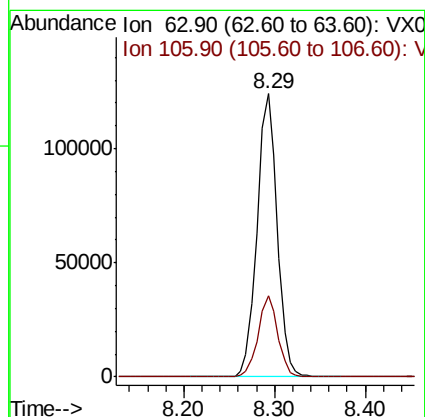
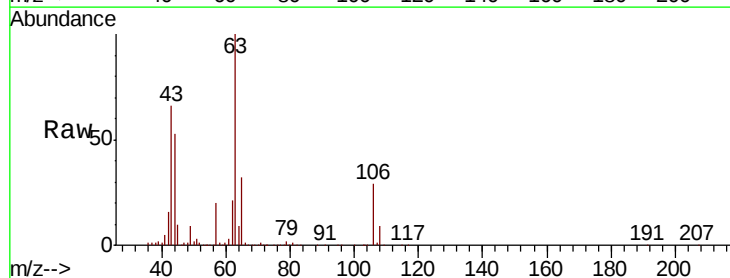
Acq: 23 Jun 2020 16:53

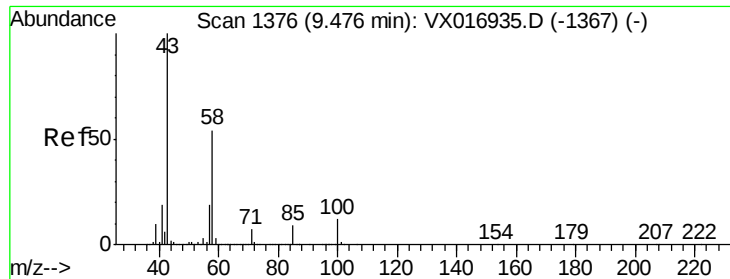
Tgt Ion: 63 Resp: 190510

Ion Ratio Lower Upper

63 100

106 28.0 22.4 33.6

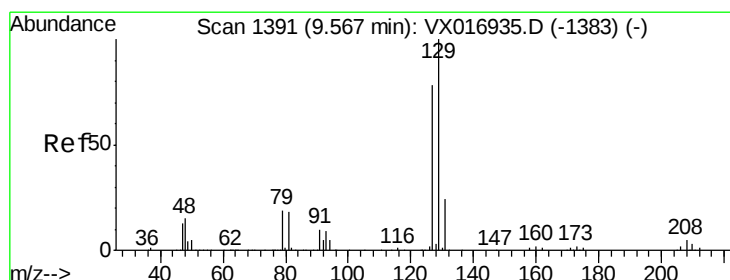
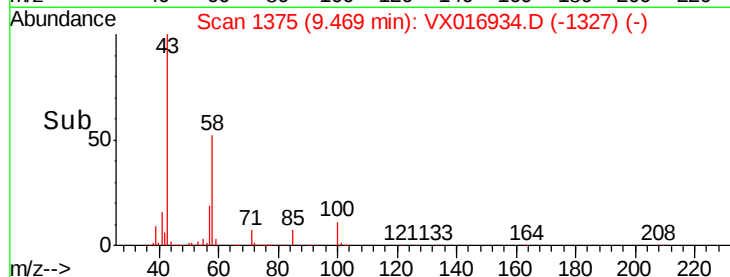
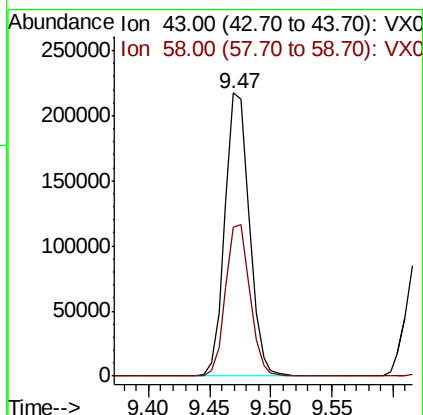
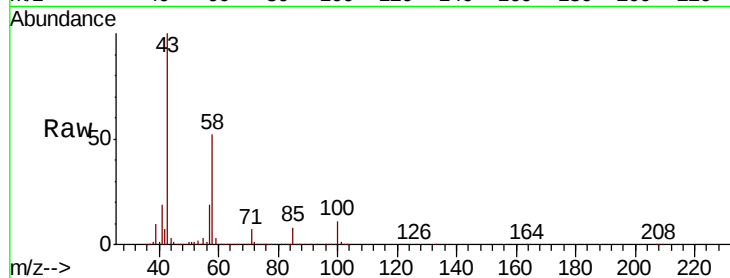




#59
2-Hexanone
Concen: 99.633 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

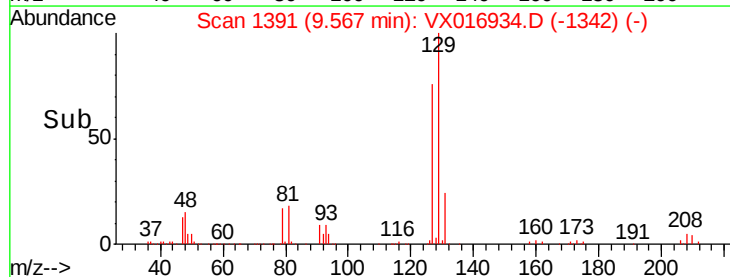
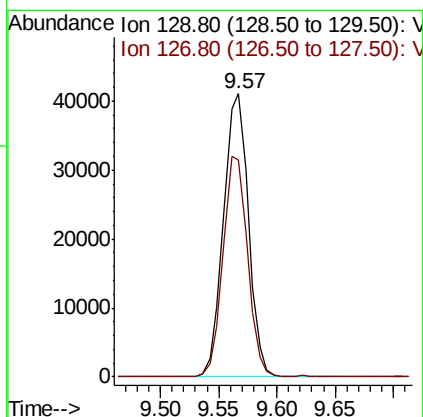
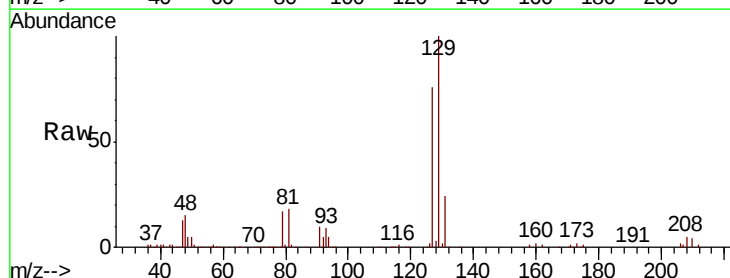
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

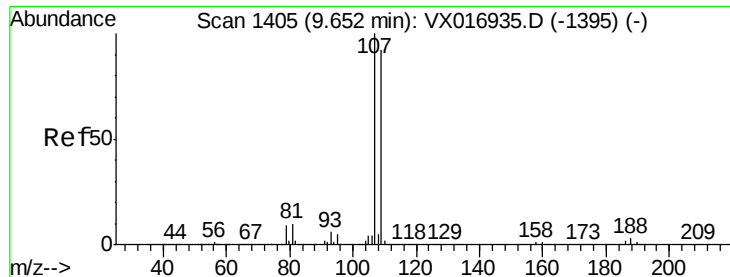
Tot Ion: 43 Resp: 301949
Ion Ratio Lower Upper
43 100
58 53.2 26.8 80.4



#60
Dibromochloromethane
Concen: 19.714 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Tgt Ion:129 Resp: 61012
Ion Ratio Lower Upper
129 100
127 76.3 39.2 117.6





#61

1,2-Dibromoethane

Concen: 19.538 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

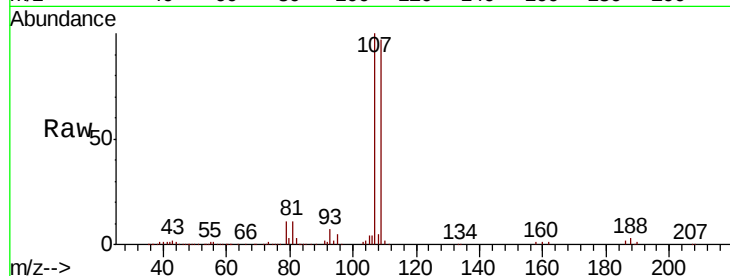
VSTDIC020

Tot Ion:107 Resp: 56910

Ion Ratio Lower Upper

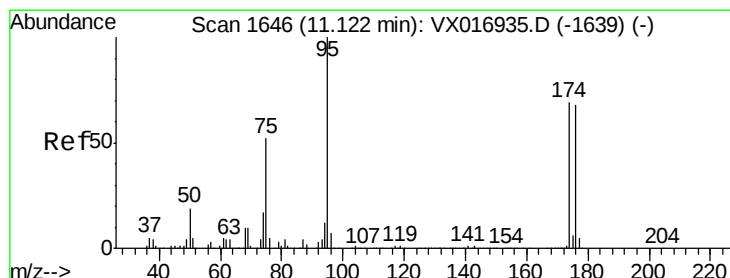
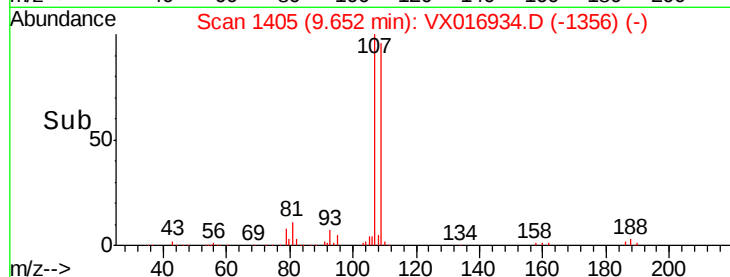
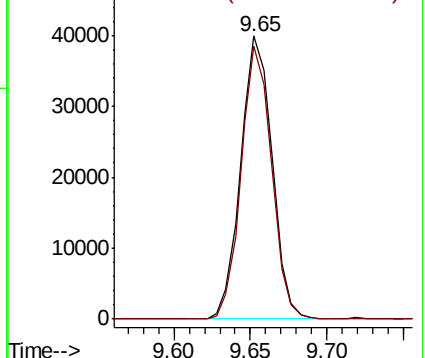
107 100

109 93.3 73.8 110.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 16.157 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

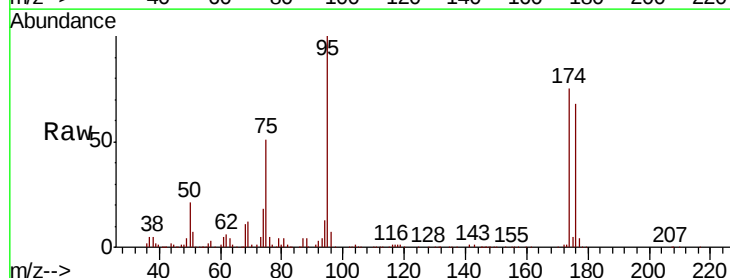
Tgt Ion: 95 Resp: 58451

Ion Ratio Lower Upper

95 100

174 72.7 0.0 138.0

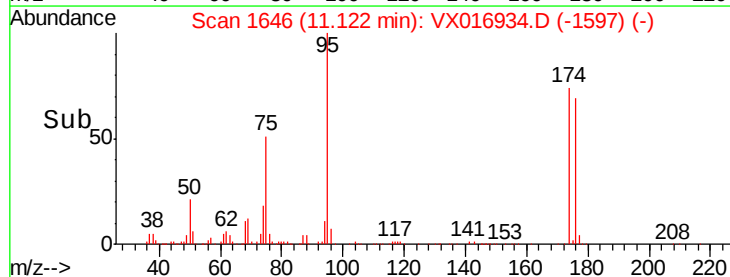
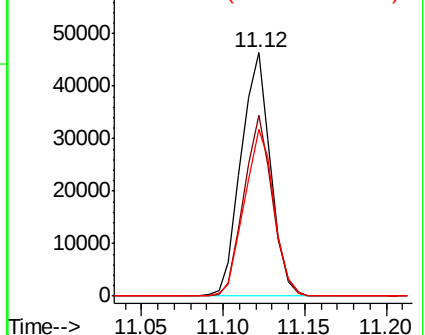
176 69.3 0.0 135.4

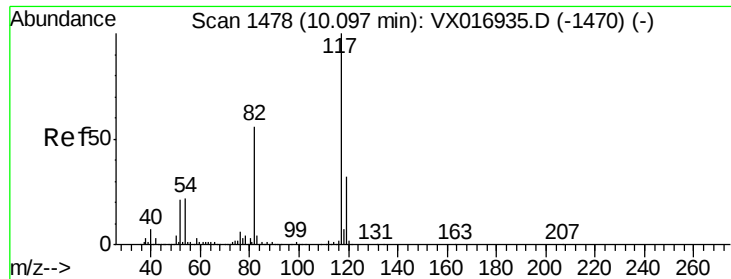


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

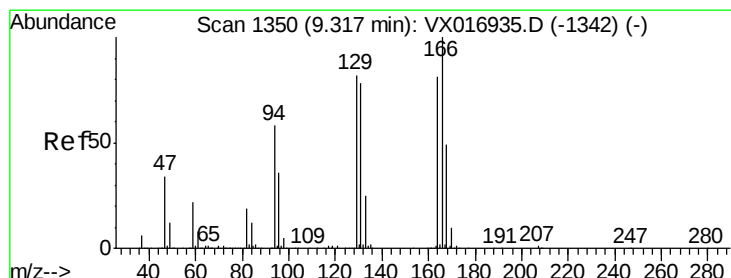
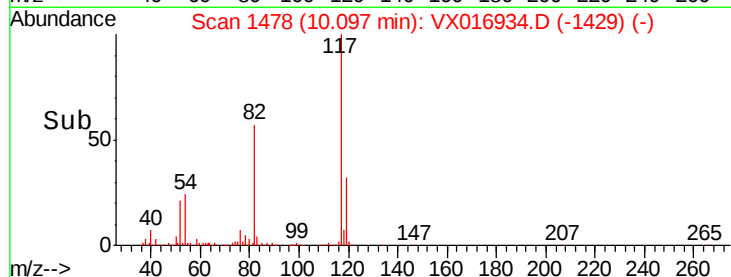
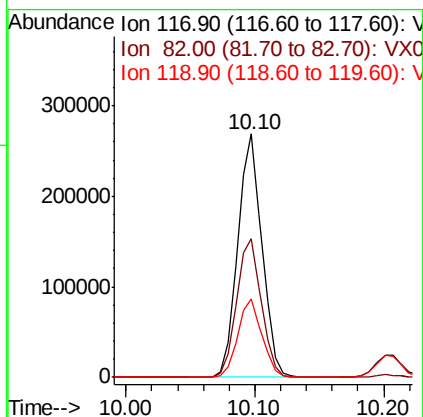
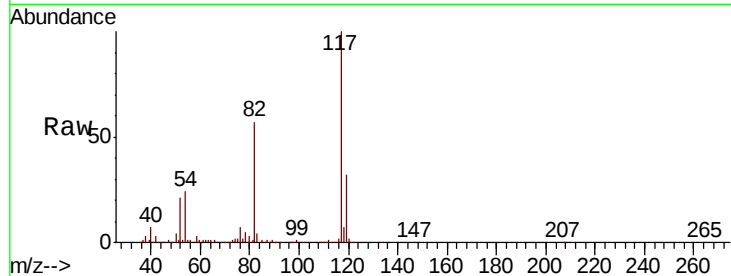




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

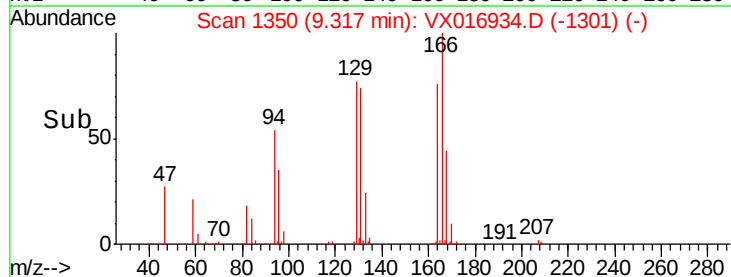
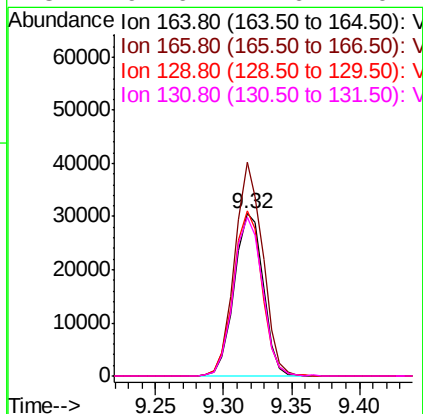
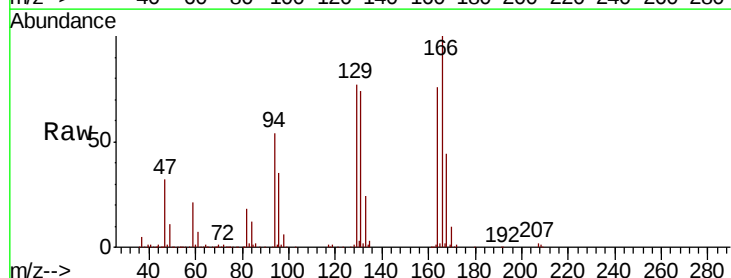
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

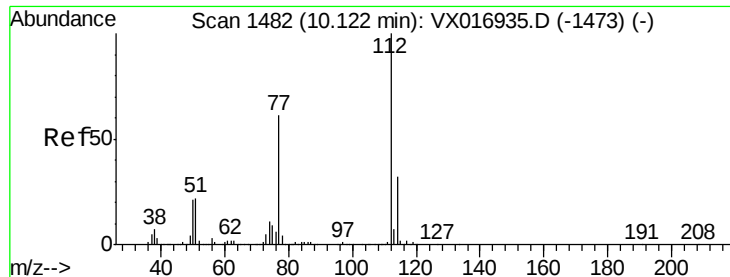
Tot Ion:117 Resp: 349866
Ion Ratio Lower Upper
117 100
82 56.8 44.7 67.1
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 19.078 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Tgt Ion:164 Resp: 45310
Ion Ratio Lower Upper
164 100
166 131.5 99.3 148.9
129 101.6 81.4 122.0
131 97.6 77.6 116.4

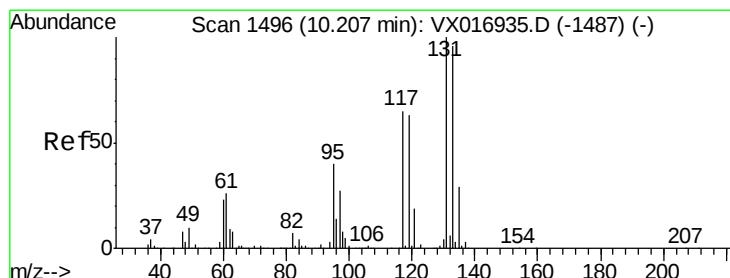
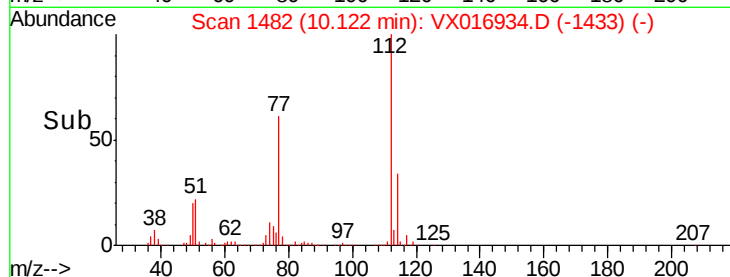
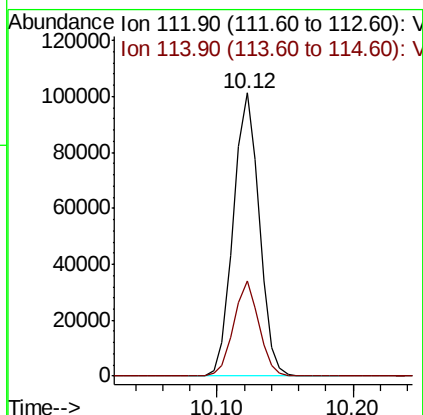
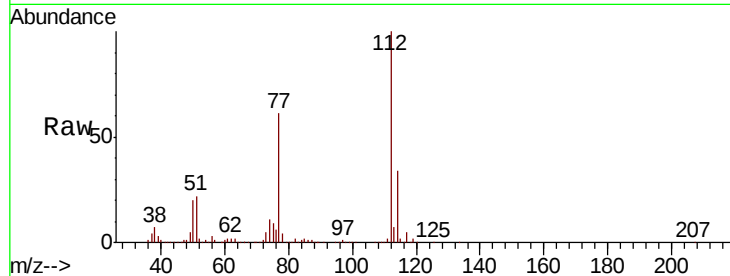




#65
Chlorobenzene
Concen: 18.798 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

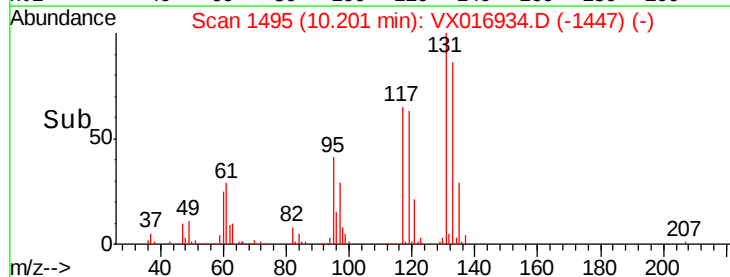
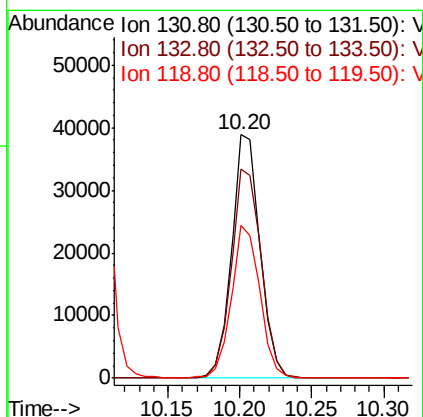
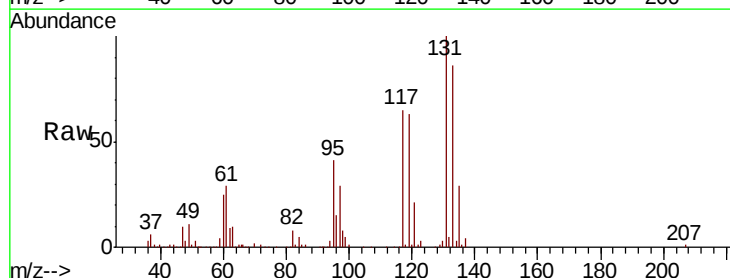
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

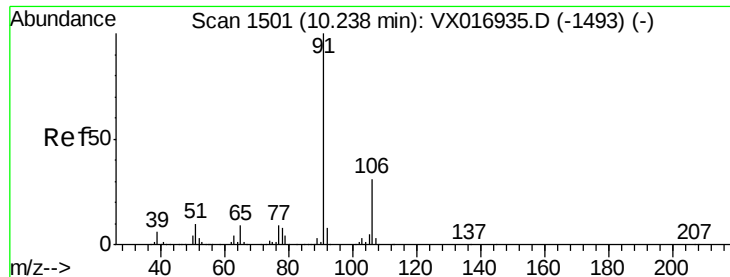
Tot Ion:112 Resp: 134339
Ion Ratio Lower Upper
112 100
114 33.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.316 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Tgt Ion:131 Resp: 53468
Ion Ratio Lower Upper
131 100
133 90.4 48.3 144.9
119 63.1 32.7 98.1

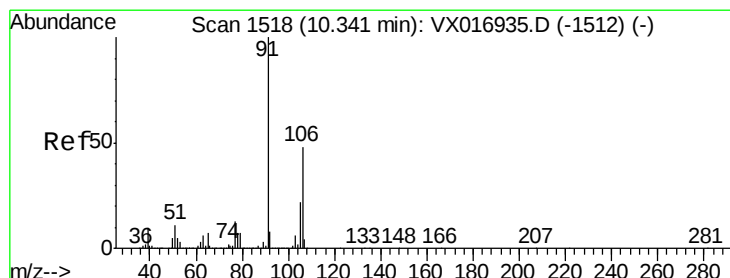
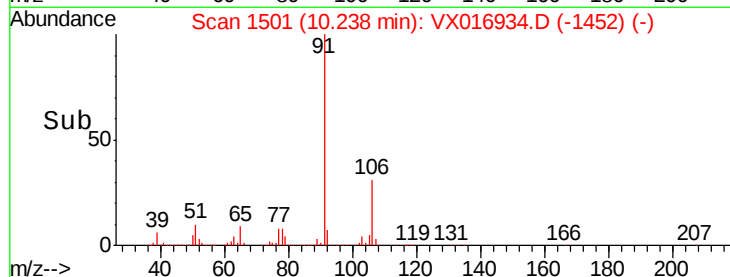
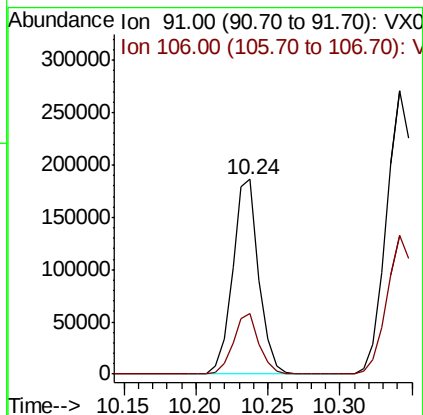
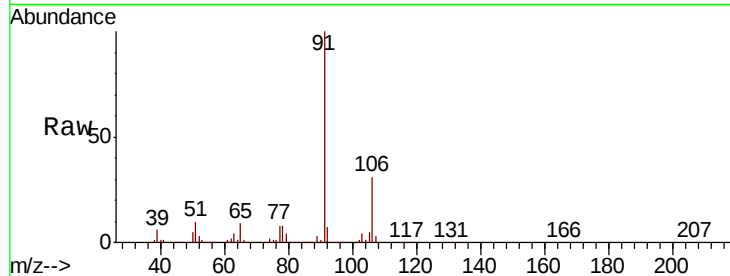




#67
Ethyl Benzene
Concen: 18.474 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

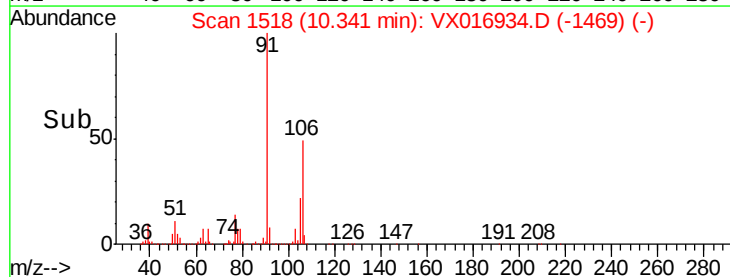
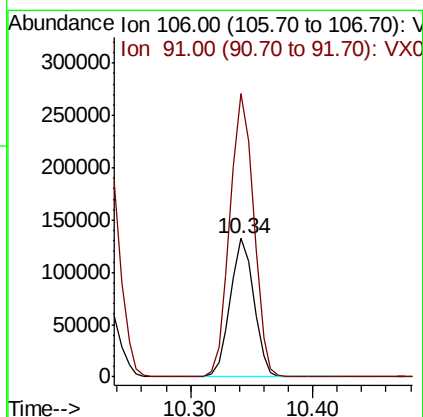
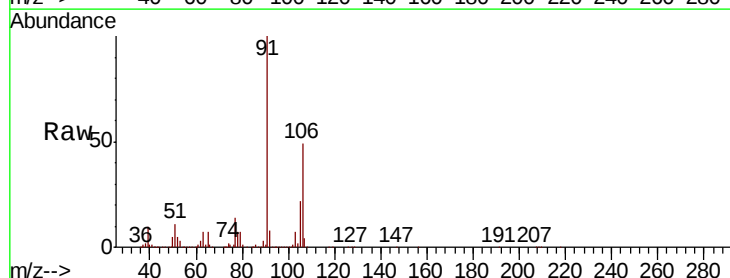
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

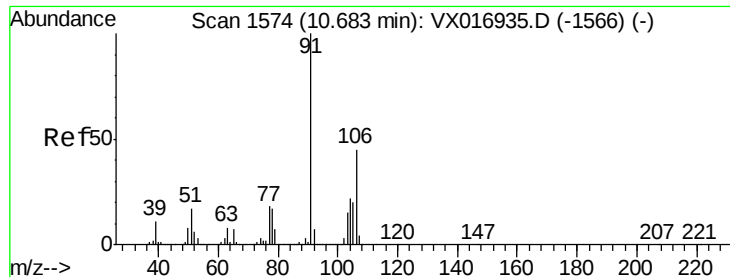
Tot Ion: 91 Resp: 236103
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3



#68
m/p-Xylenes
Concen: 37.639 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Tgt Ion: 106 Resp: 176659
Ion Ratio Lower Upper
106 100
91 206.5 166.2 249.2

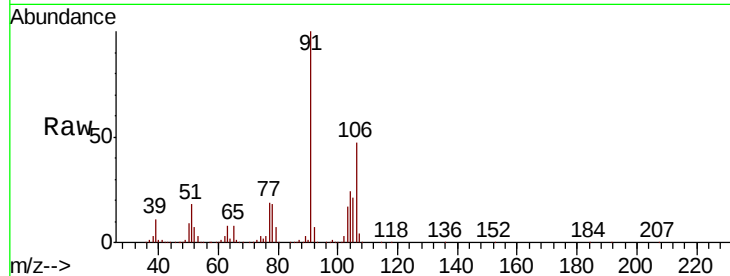




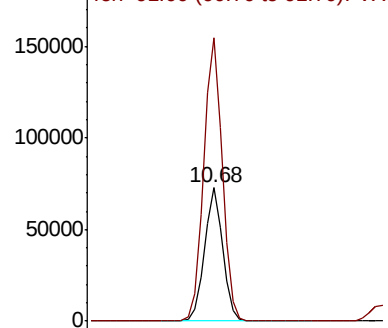
#69
o-Xylene
Concen: 19.553 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

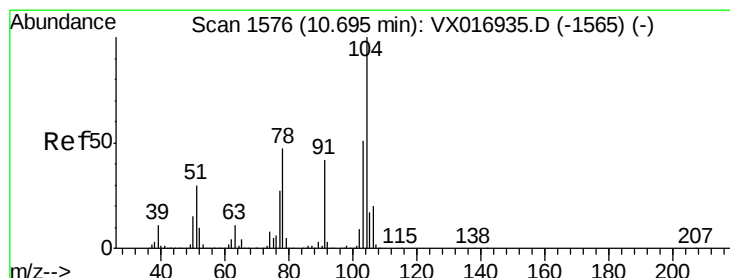
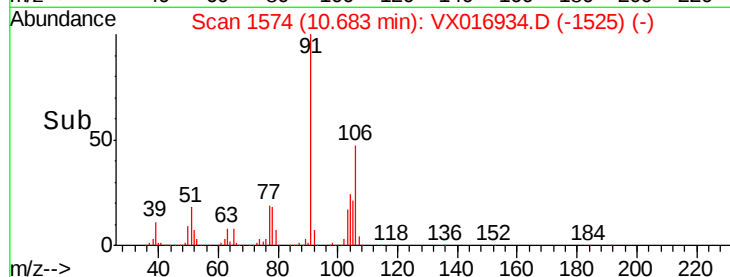
Tot Ion:106 Resp: 87664
Ion Ratio Lower Upper
106 100
91 216.5 109.8 329.4



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

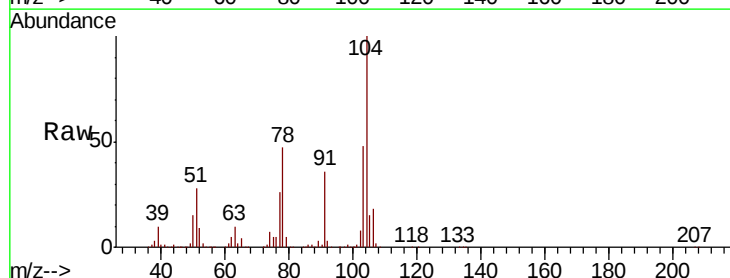


Time-->

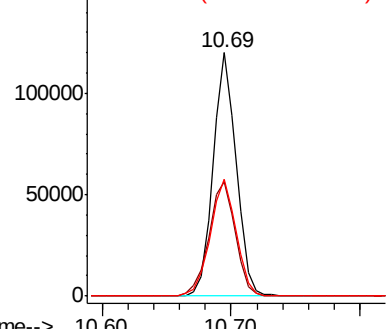


#70
Styrene
Concen: 19.473 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

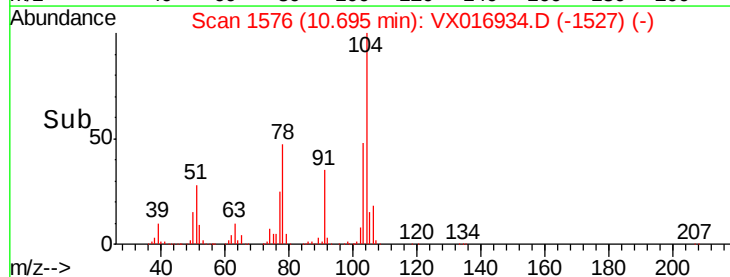
Tgt Ion:104 Resp: 148586
Ion Ratio Lower Upper
104 100
78 53.9 41.6 62.4
103 54.2 42.7 64.1

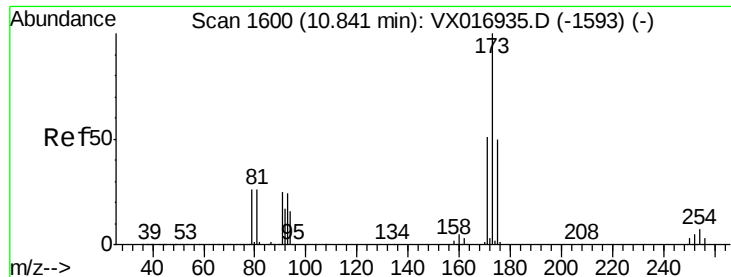


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 18.839 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

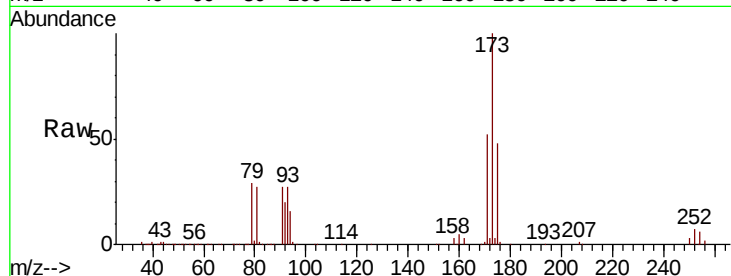
Tot Ion:173 Resp: 38777

Ion Ratio Lower Upper

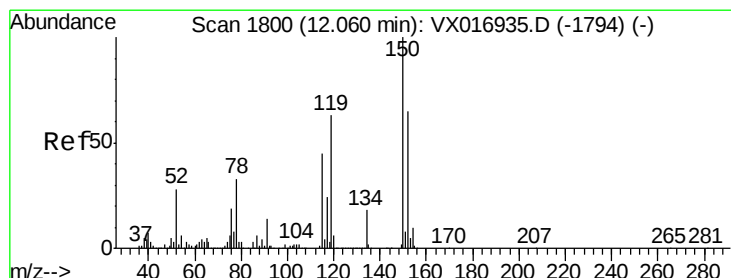
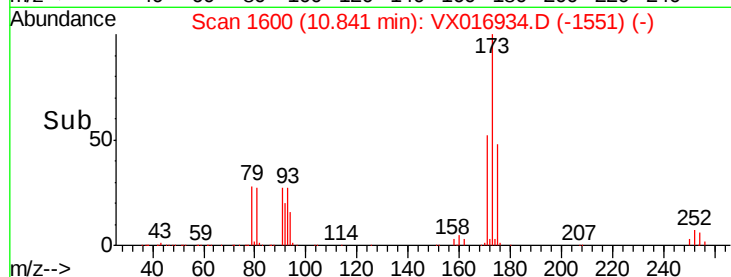
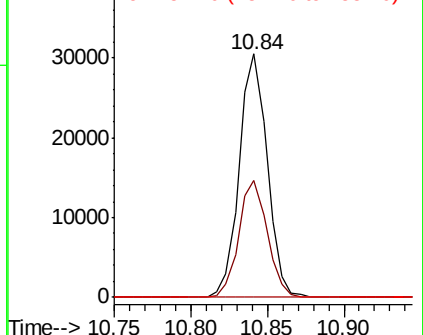
173 100

175 48.9 24.3 72.9

254 0.0 0.1 0.1#



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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

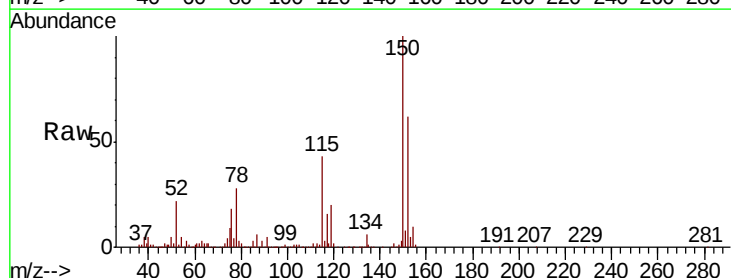
Tgt Ion:152 Resp: 161493

Ion Ratio Lower Upper

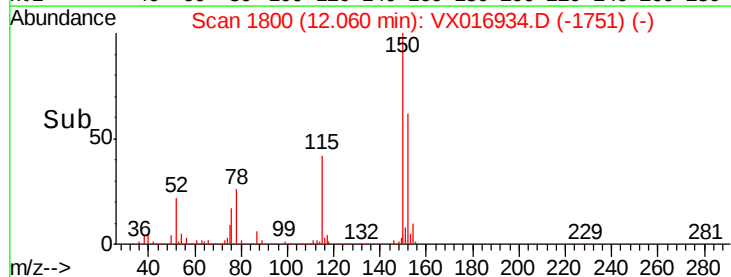
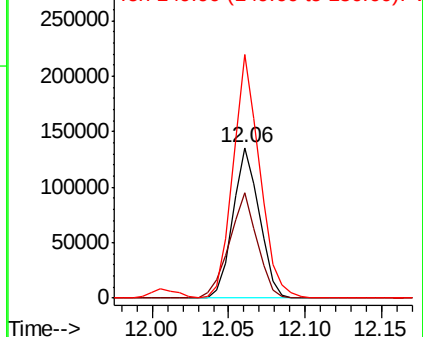
152 100

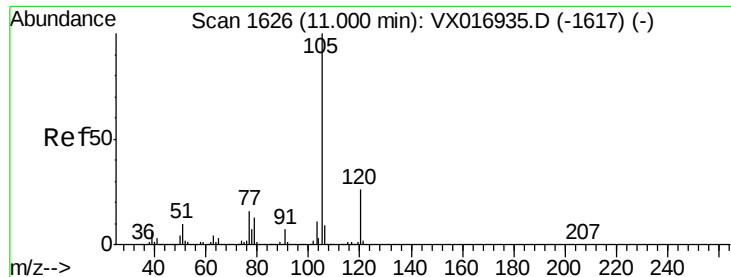
115 74.0 43.1 129.4

150 163.9 0.0 346.0



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: 19.791 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

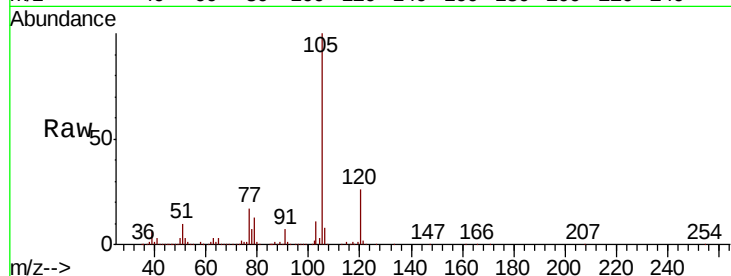
VSTDIC020

Tot Ion:105 Resp: 237156

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

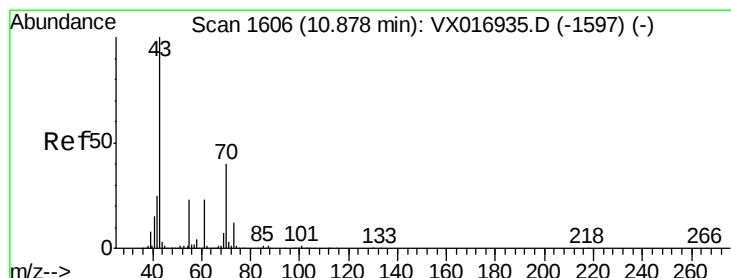
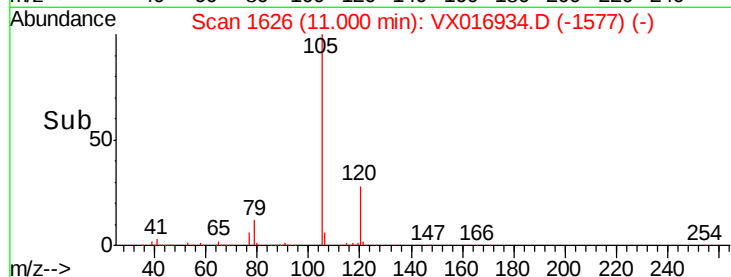
50000

0

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 18.049 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Tgt Ion: 43 Resp: 108242

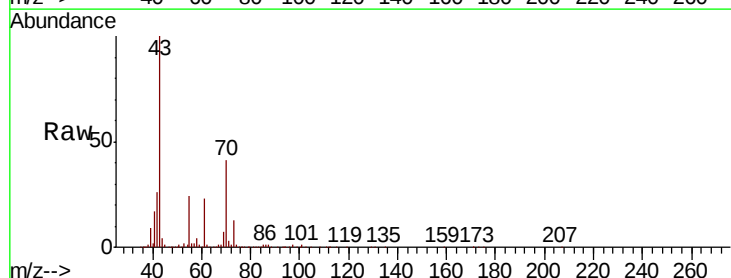
Ion Ratio Lower Upper

43 100

70 40.5 32.6 49.0

55 24.3 18.8 28.2

61 23.4 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

120000

100000

80000

60000

40000

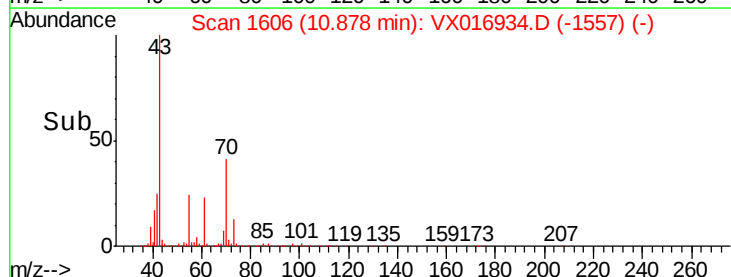
20000

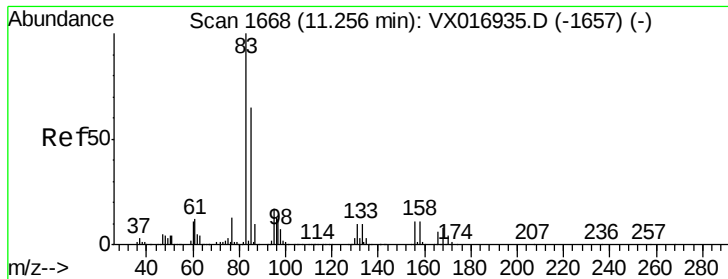
0

10.88

10.80

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.593 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

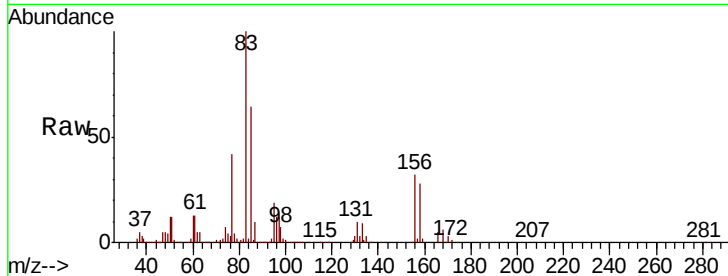
Tot Ion: 83 Resp: 74552

Ion Ratio Lower Upper

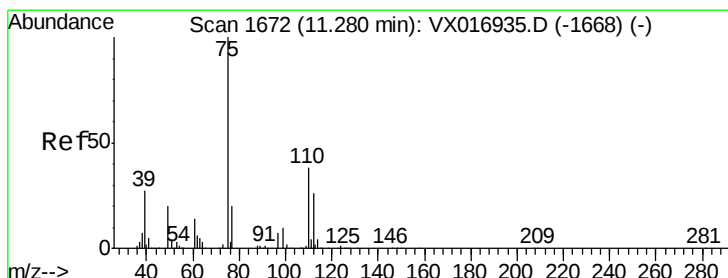
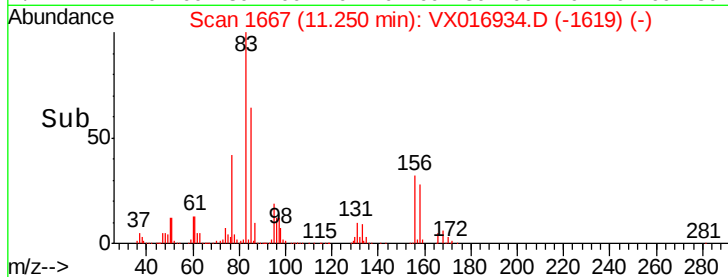
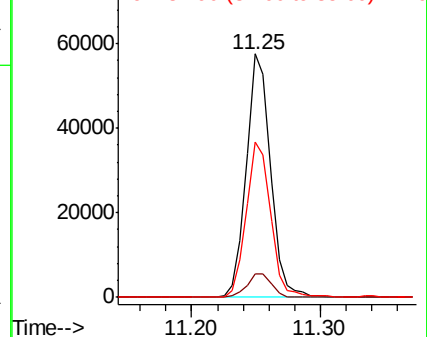
83 100

131 9.9 5.1 15.2

85 64.7 32.3 96.8



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: 20.385 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016934.D

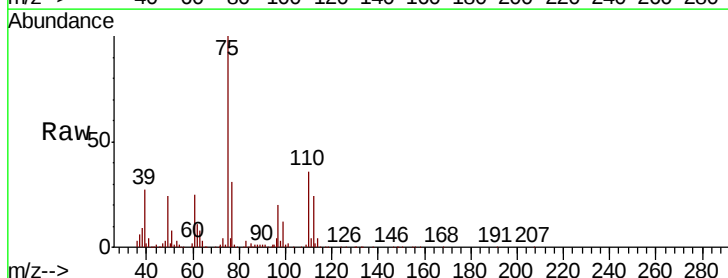
Acq: 23 Jun 2020 16:53

Tgt Ion: 75 Resp: 94249

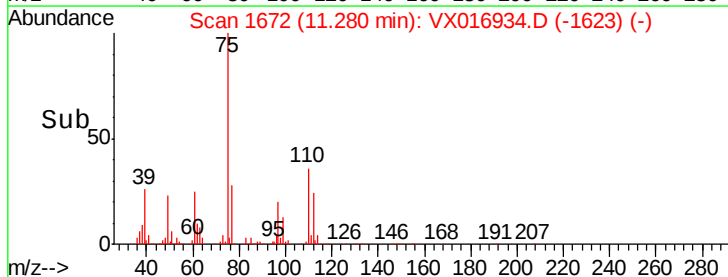
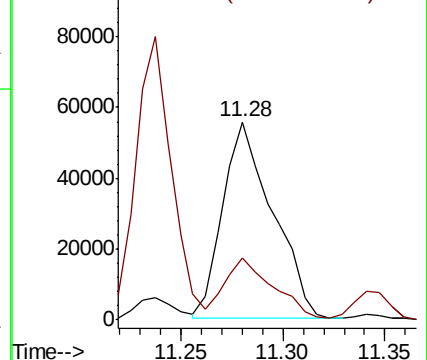
Ion Ratio Lower Upper

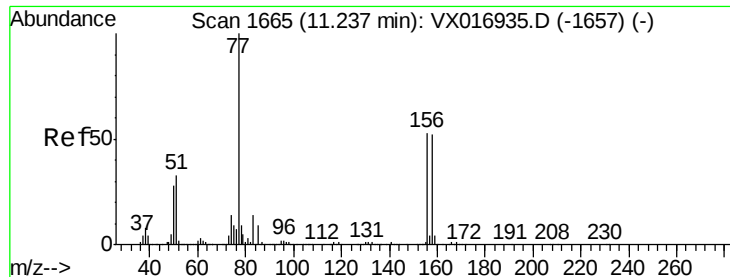
75 100

77 30.8 20.1 60.3



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





#77

Bromobenzene

Concen: 18.877 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

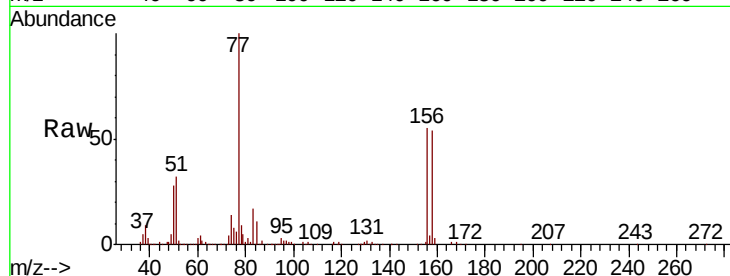
Tot Ion:156 Resp: 55538

Ion Ratio Lower Upper

156 100

77 176.2 91.0 273.1

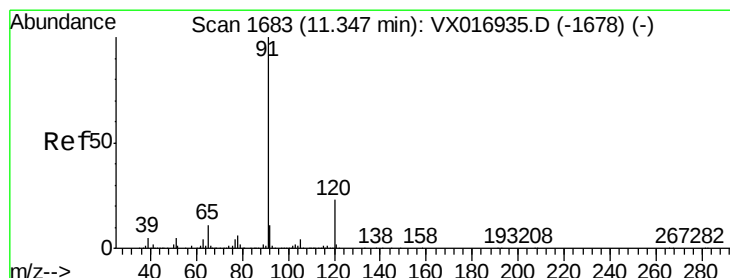
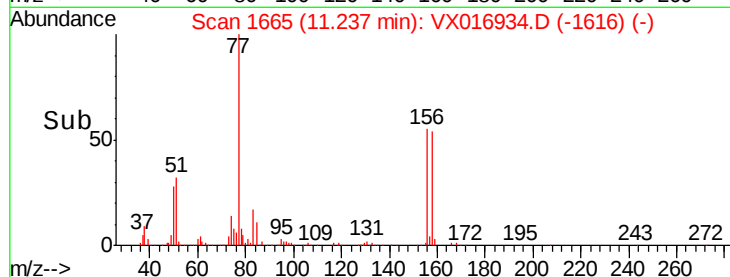
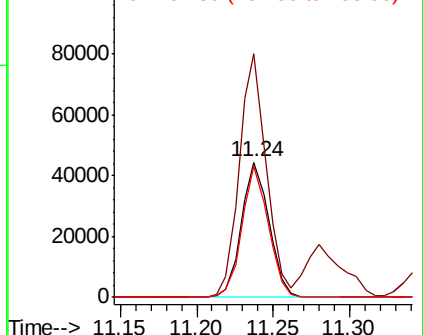
158 92.5 48.4 145.3



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: 16.563 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016934.D

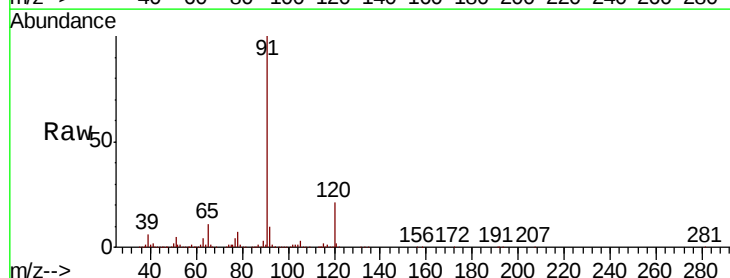
Acq: 23 Jun 2020 16:53

Tgt Ion: 91 Resp: 226280

Ion Ratio Lower Upper

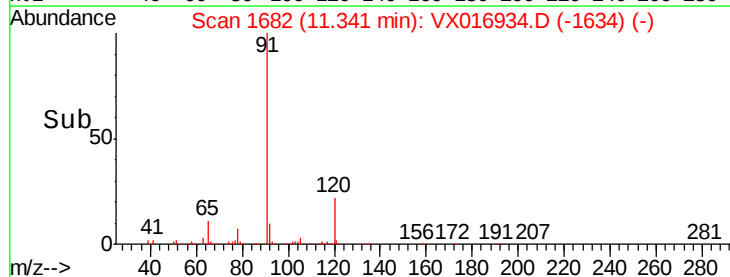
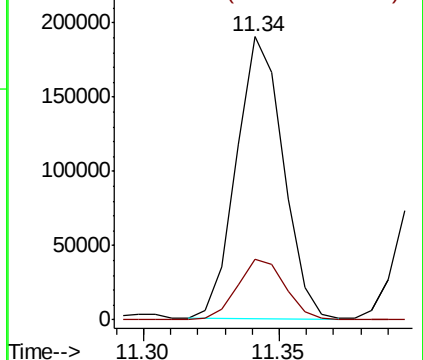
91 100

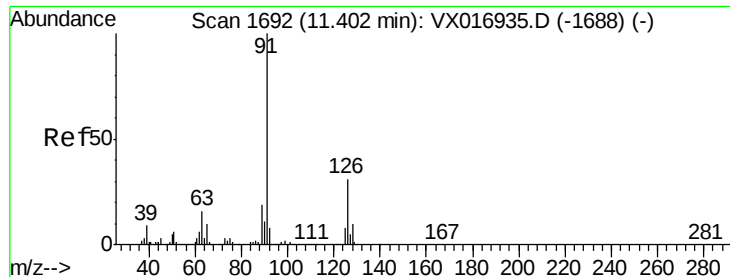
120 22.2 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

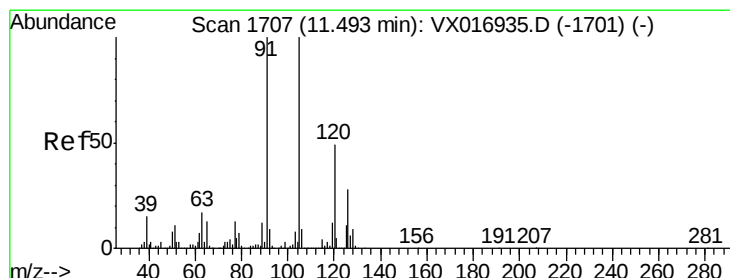
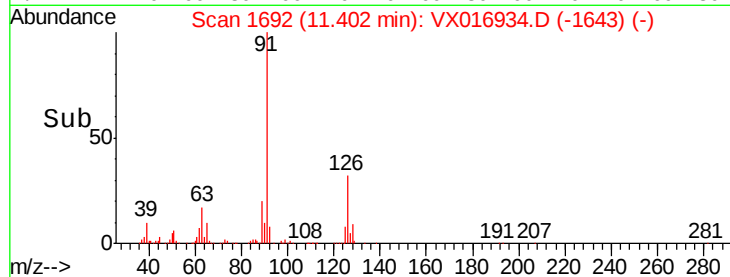
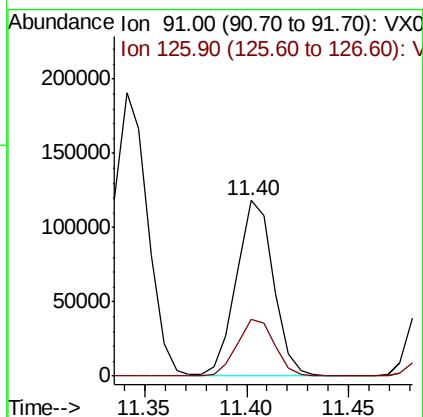
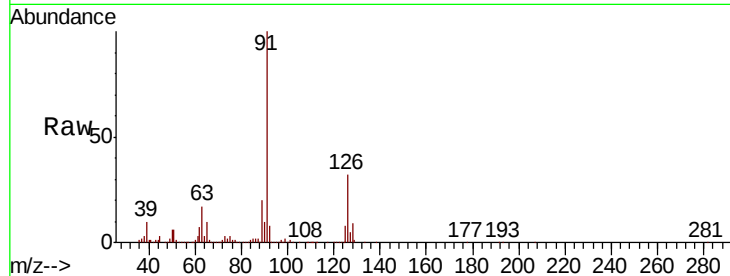




#79
 2-Chlorotoluene
 Concen: 17.164 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX016934.D
 Acq: 23 Jun 2020 16:53

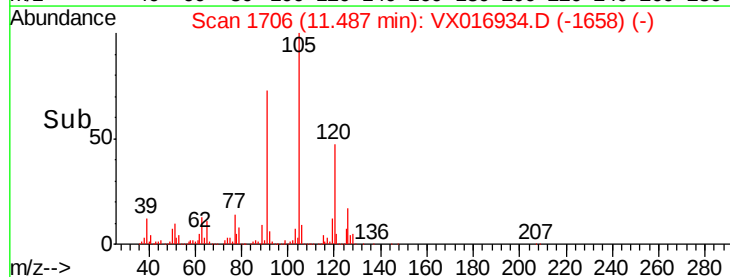
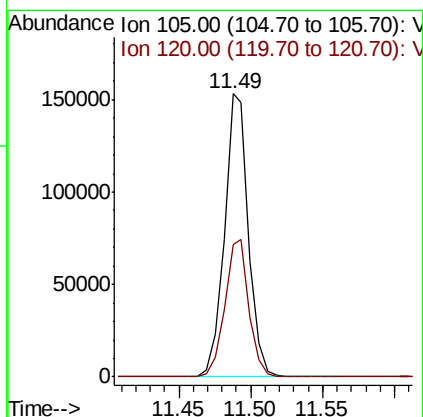
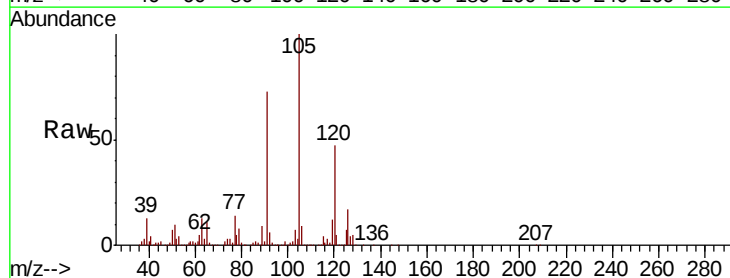
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

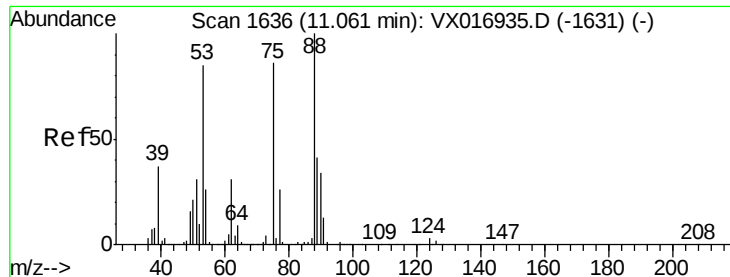
Tot Ion: 91 Resp: 148470
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 17.730 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX016934.D
 Acq: 23 Jun 2020 16:53

Tgt Ion: 105 Resp: 178936
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.004 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

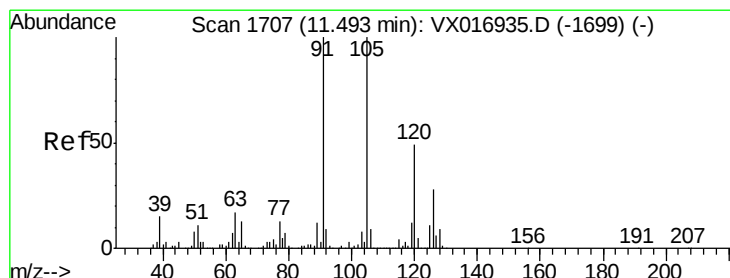
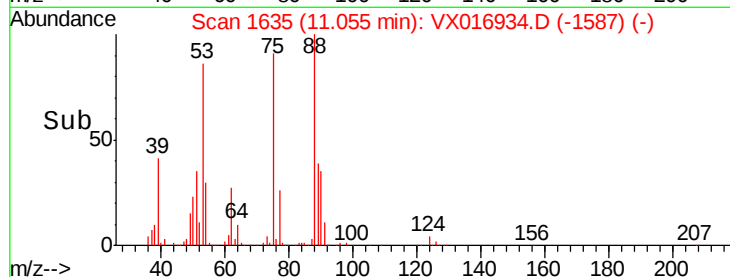
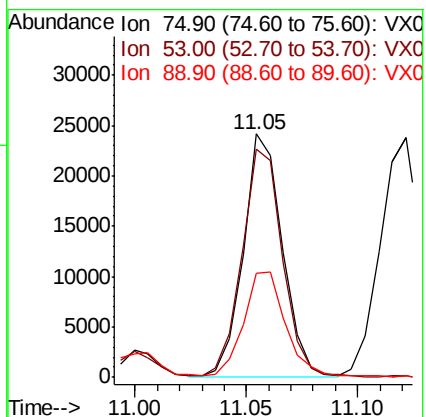
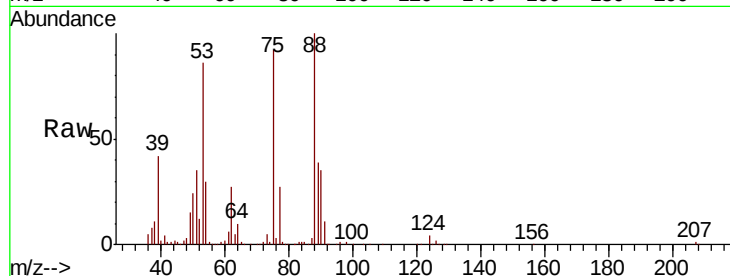
Tot Ion: 75 Resp: 29520

Ion Ratio Lower Upper

75 100

53 97.5 78.9 118.3

89 47.7 37.0 55.6



#82

4-Chlorotoluene

Concen: 16.822 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016934.D

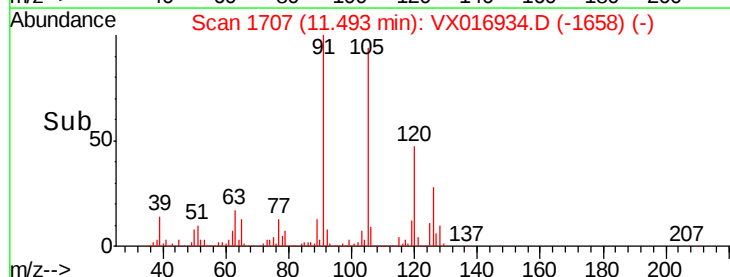
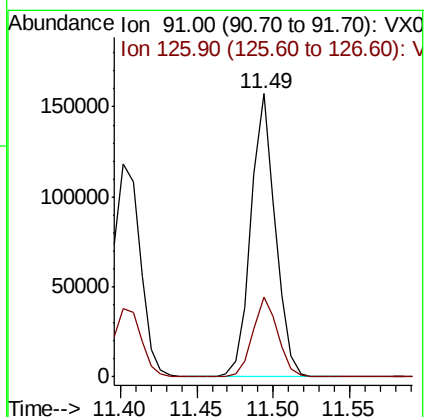
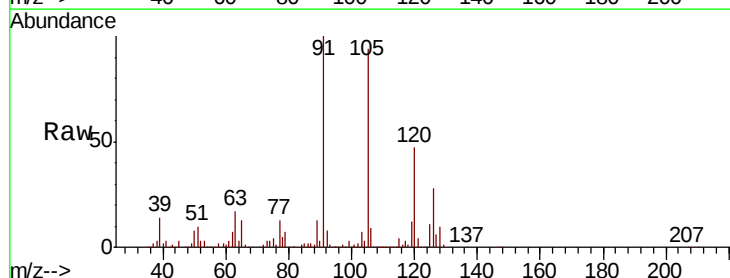
Acq: 23 Jun 2020 16:53

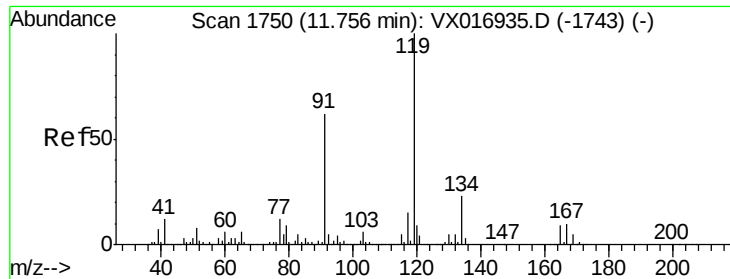
Tgt Ion: 91 Resp: 174189

Ion Ratio Lower Upper

91 100

126 29.0 14.1 42.4





#83

tert-Butylbenzene

Concen: 18.667 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

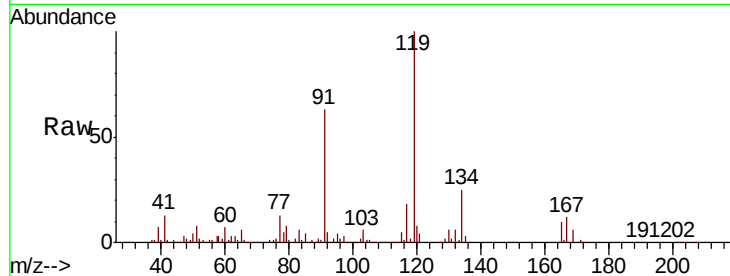
Tot Ion:119 Resp: 184445

Ion Ratio Lower Upper

119 100

91 59.7 30.3 90.9

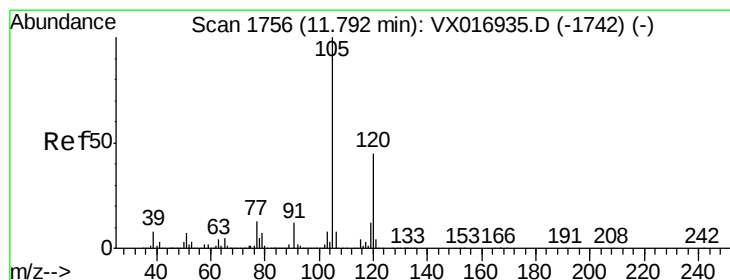
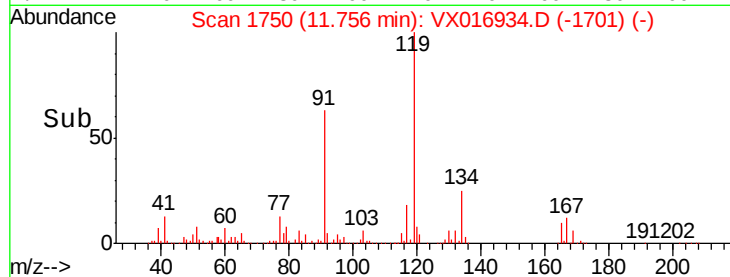
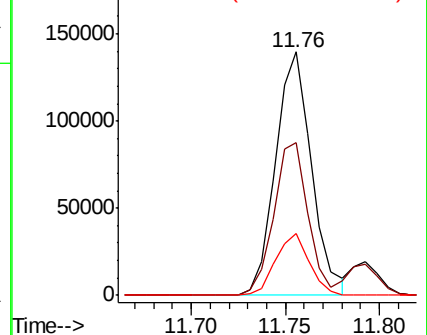
134 23.7 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.650 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016934.D

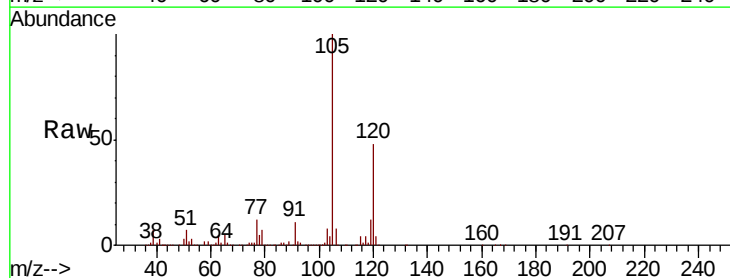
Acq: 23 Jun 2020 16:53

Tgt Ion:105 Resp: 197025

Ion Ratio Lower Upper

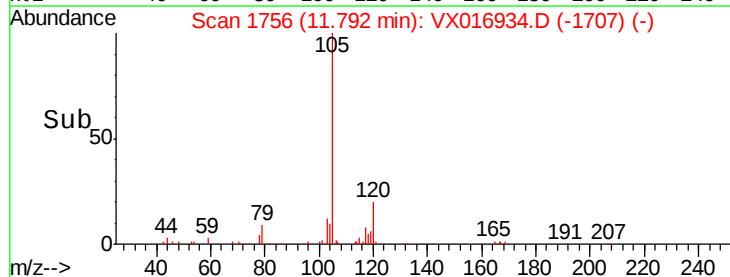
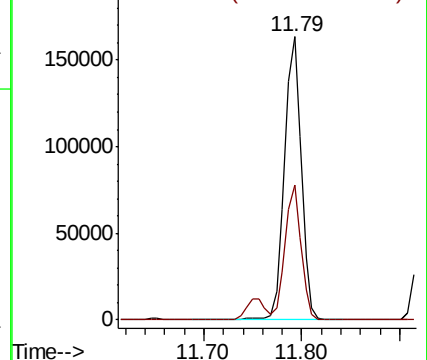
105 100

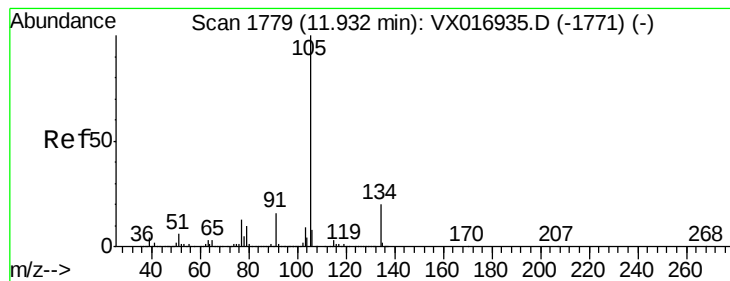
120 45.3 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.766 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

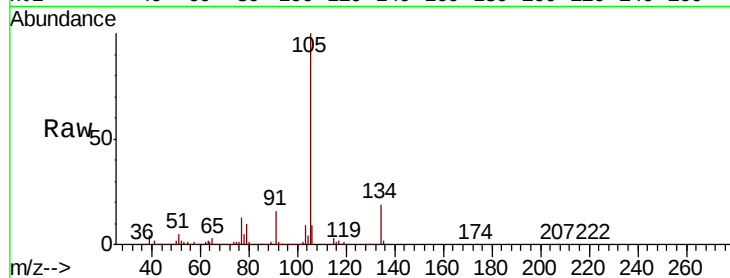
VSTDIC020

Tot Ion:105 Resp: 209180

Ion Ratio Lower Upper

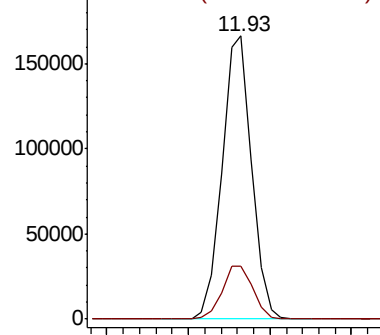
105 100

134 19.6 9.8 29.3

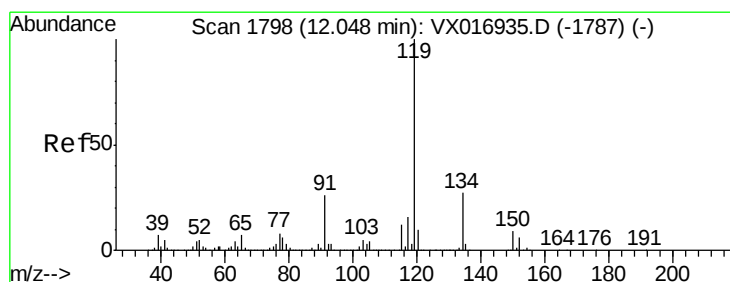
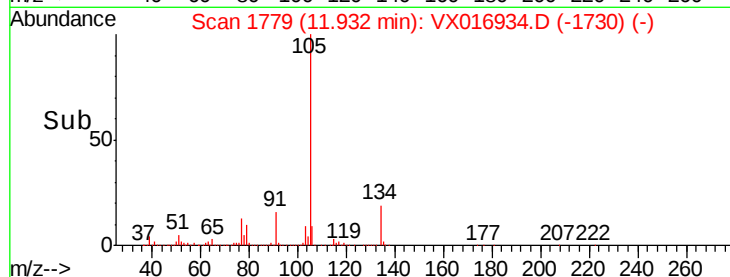


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.625 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

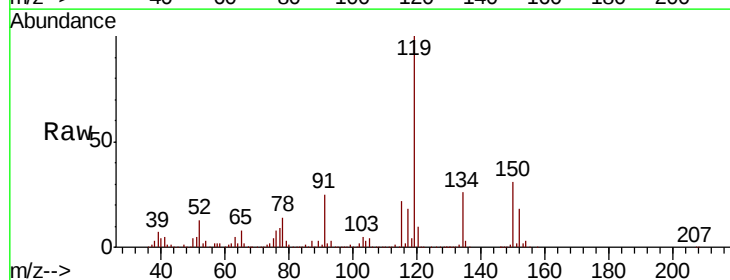
Tgt Ion:119 Resp: 202466

Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.7

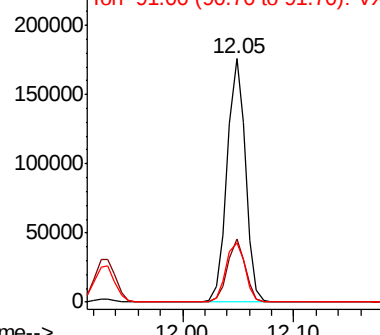
91 25.8 12.6 37.8



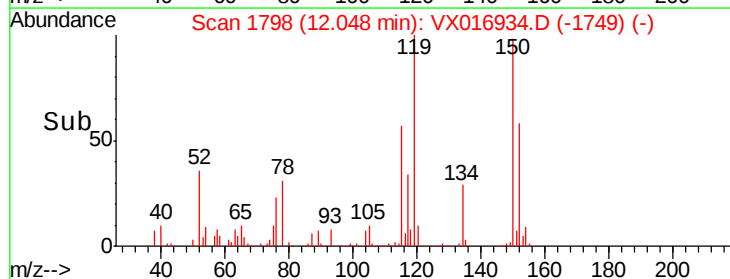
Abundance Ion 119.00 (118.70 to 119.70): V

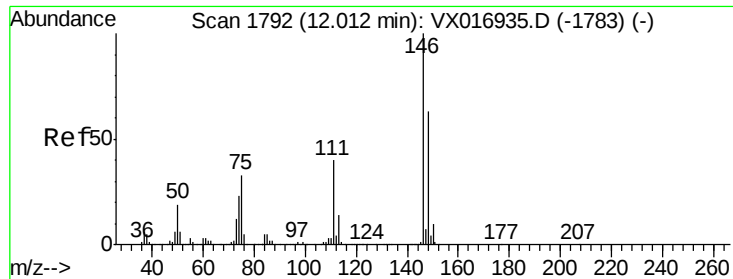
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time--> 12.00 12.10

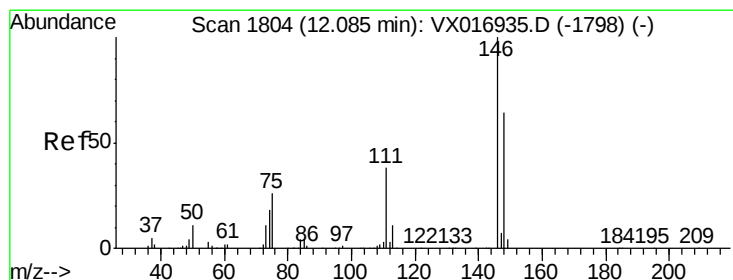
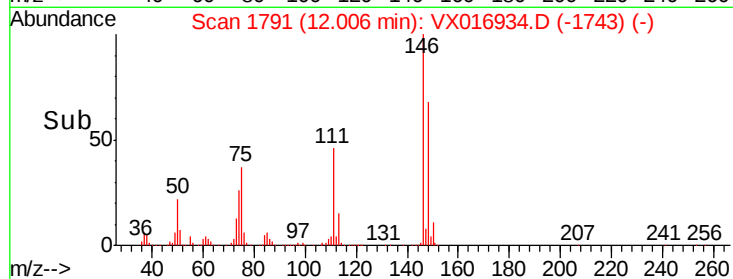
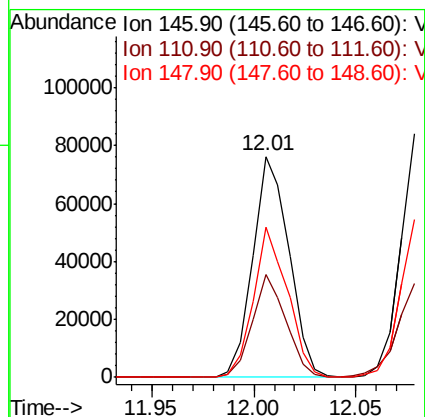
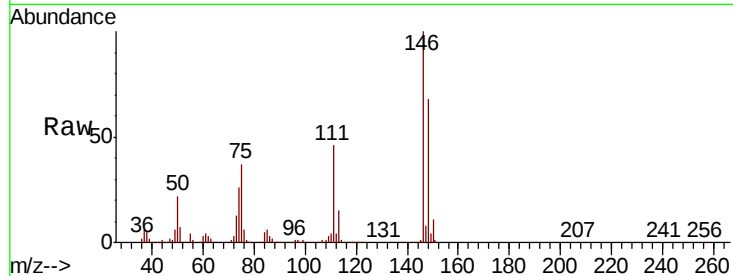




#87
 1,3-Dichlorobenzene
 Concen: 17.830 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016934.D
 Acq: 23 Jun 2020 16:53

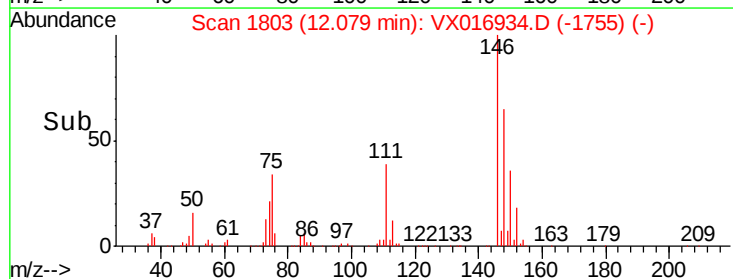
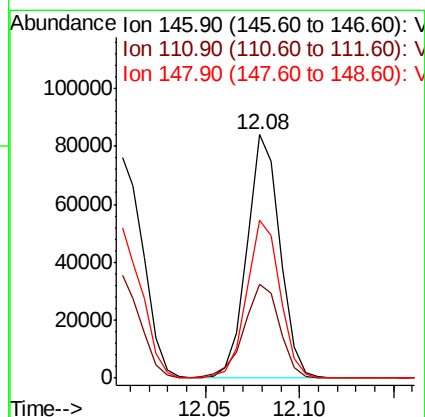
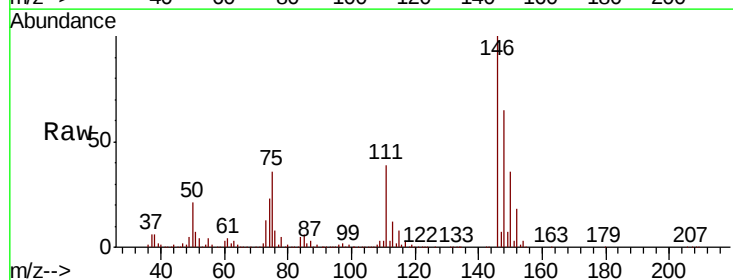
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

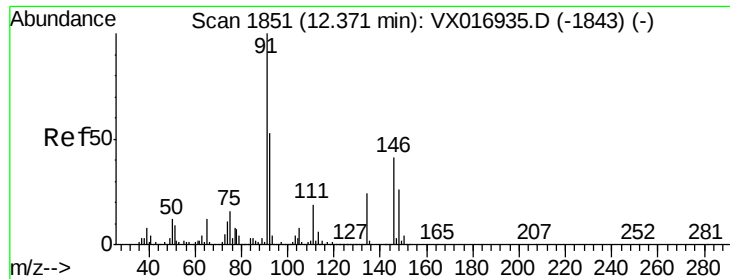
Tot Ion:146 Resp: 94343
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.8 62.5
 148 64.1 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 19.055 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016934.D
 Acq: 23 Jun 2020 16:53

Tgt Ion:146 Resp: 101148
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.3 61.0
 148 66.4 31.8 95.3

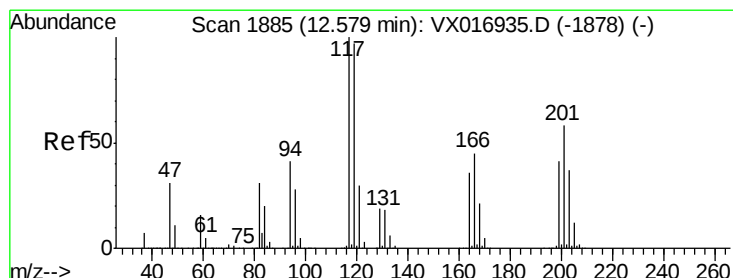
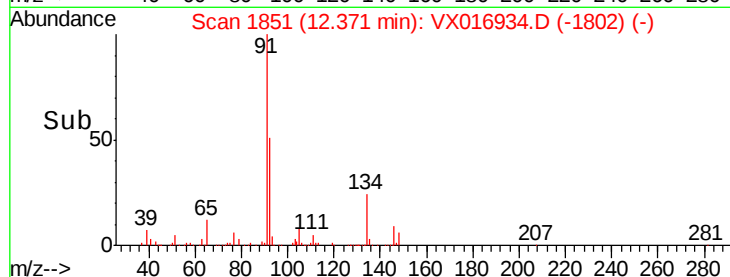
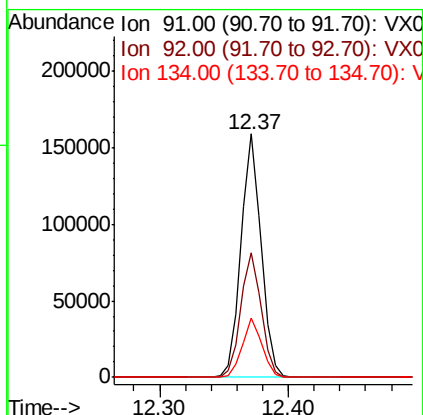
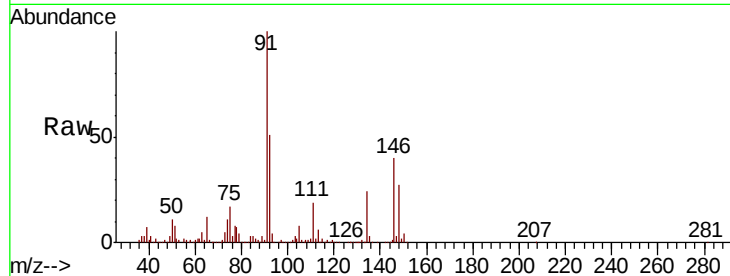




#89
n-Butylbenzene
Concen: 17.658 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

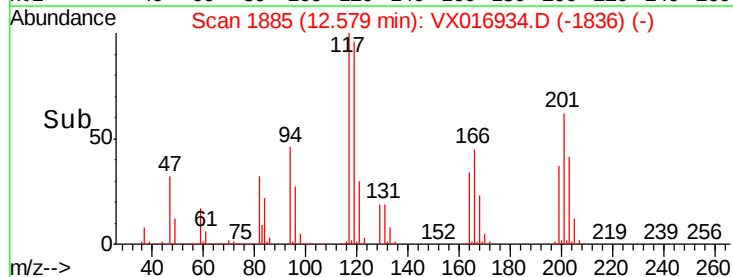
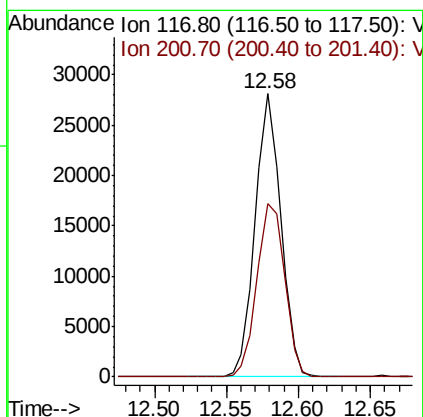
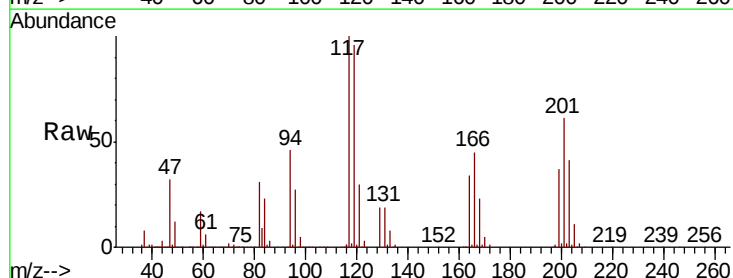
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

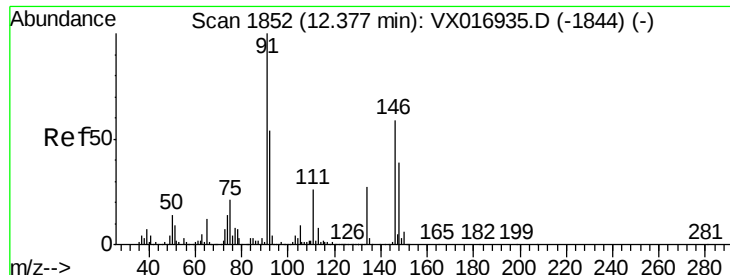
Tot Ion: 91 Resp: 172484
Ion Ratio Lower Upper
91 100
92 52.0 26.8 80.3
134 23.6 12.3 36.8



#90
Hexachloroethane
Concen: 17.129 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016934.D
Acq: 23 Jun 2020 16:53

Tgt Ion: 117 Resp: 34714
Ion Ratio Lower Upper
117 100
201 66.1 31.1 93.5





#91

1,2-Dichlorobenzene

Concen: 17.216 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

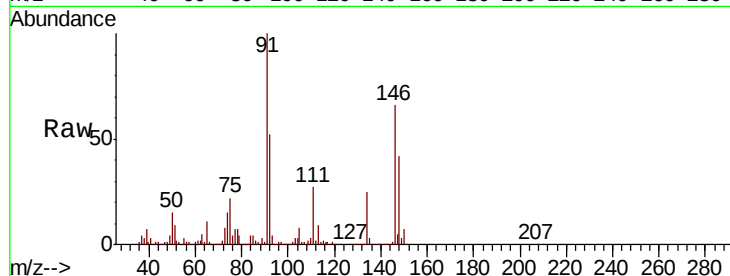
Tot Ion:146 Resp: 87779

Ion Ratio Lower Upper

146 100

111 44.4 22.0 66.0

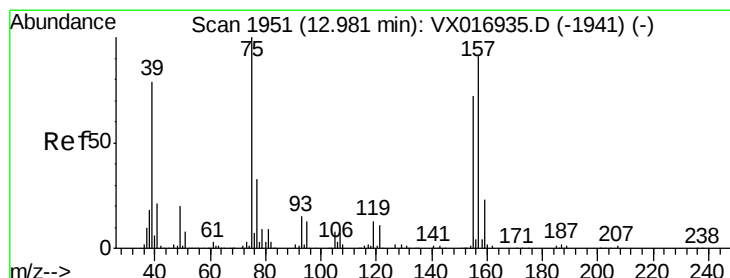
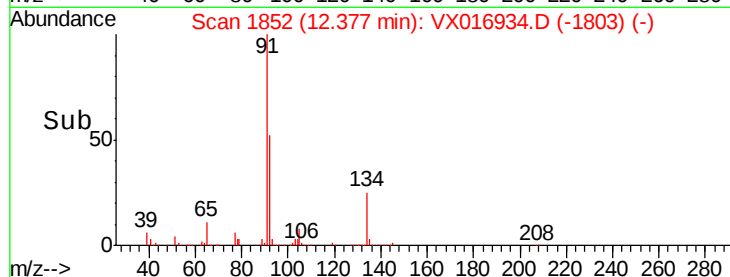
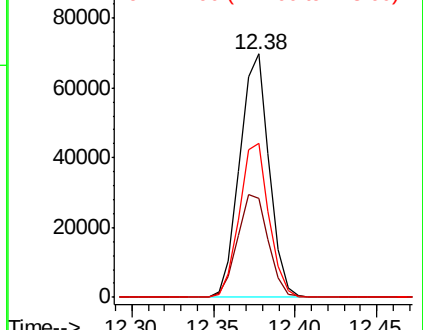
148 63.5 32.1 96.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.648 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

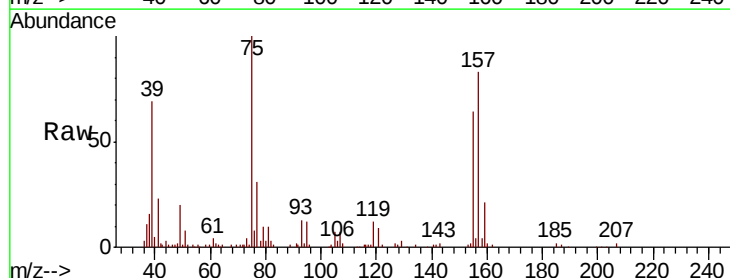
Tgt Ion: 75 Resp: 18166

Ion Ratio Lower Upper

75 100

155 70.0 36.1 108.5

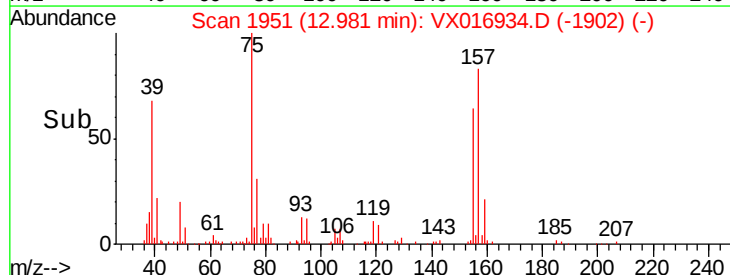
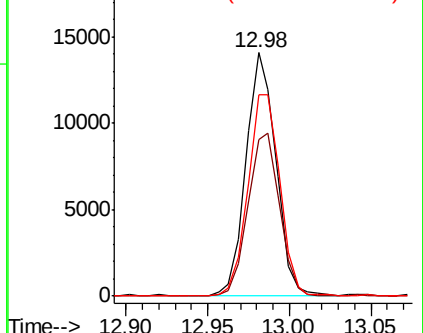
157 87.7 46.6 139.8

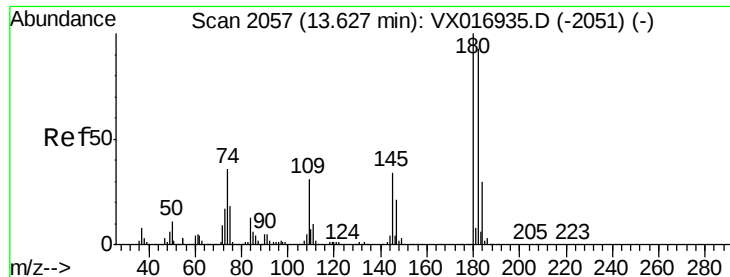


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

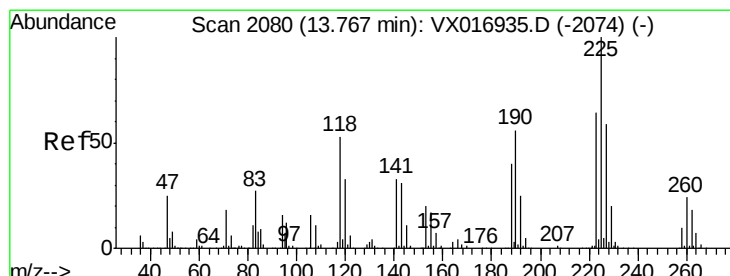
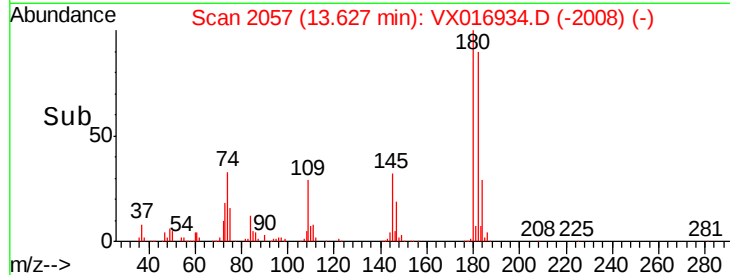
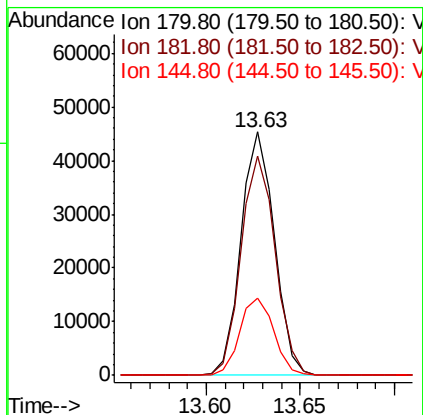
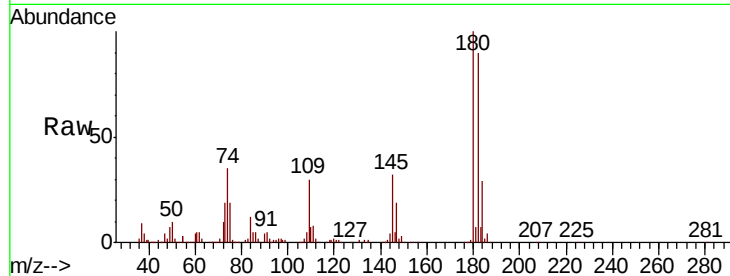




#93
 1,2,4-Trichlorobenzene
 Concen: 16.763 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016934.D
 Acq: 23 Jun 2020 16:53

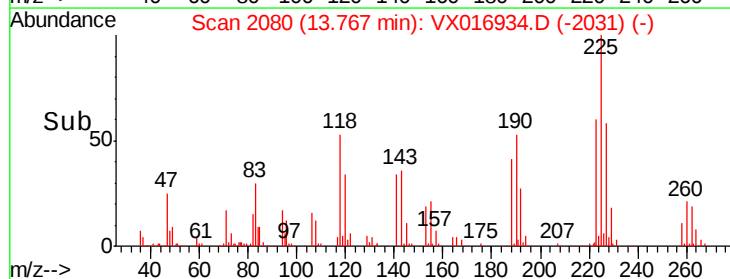
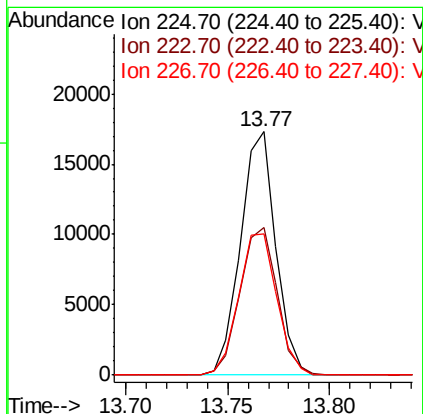
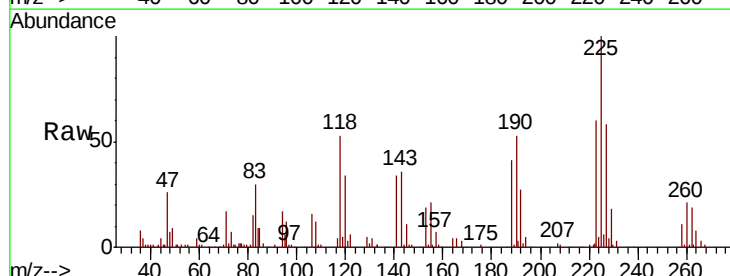
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

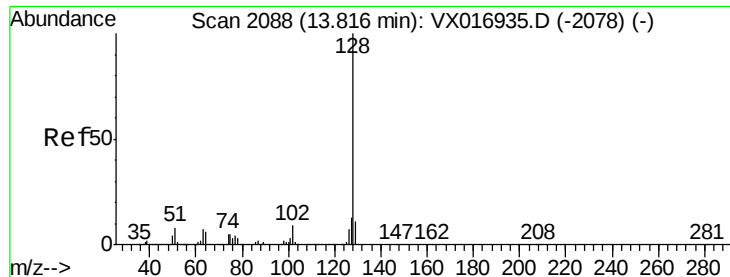
Tot Ion:180 Resp: 55835
 Ion Ratio Lower Upper
 180 100
 182 92.4 47.3 142.0
 145 32.5 16.4 49.2



#94
 Hexachlorobutadiene
 Concen: 17.915 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016934.D
 Acq: 23 Jun 2020 16:53

Tgt Ion:225 Resp: 20818
 Ion Ratio Lower Upper
 225 100
 223 63.8 32.5 97.4
 227 63.0 29.3 88.0





#95

Naphthalene

Concen: 19.229 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

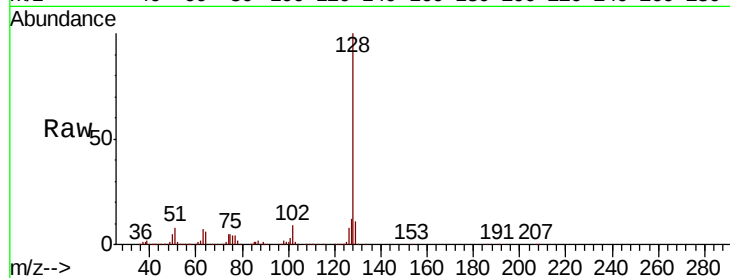
Tot Ion:128 Resp: 217639

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.9 8.7 13.1

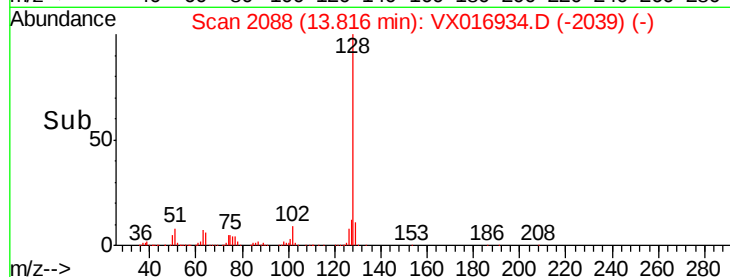


Abundance Ion 128.00 (127.70 to 128.70): V

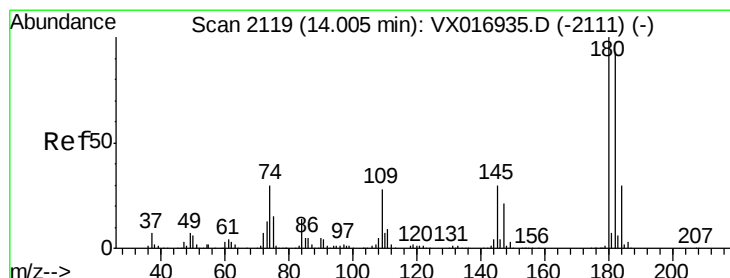
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.82



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 18.095 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016934.D

Acq: 23 Jun 2020 16:53

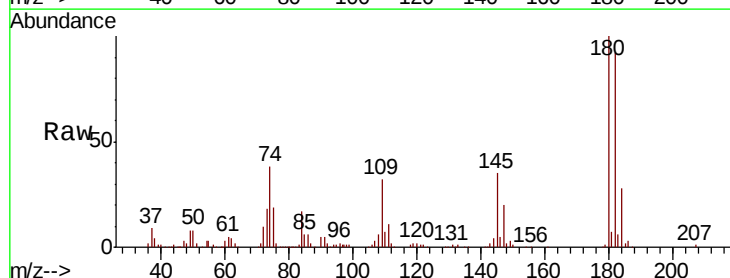
Tgt Ion:180 Resp: 58300

Ion Ratio Lower Upper

180 100

182 94.4 47.4 142.3

145 34.9 17.1 51.3

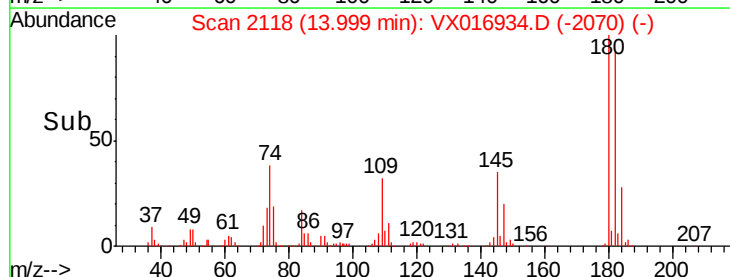


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.00



Time-->