

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016594.D
 Acq On : 04 Jun 2020 20:09
 Operator : JC/SP
 Sample : L2894-16MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 04:24:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	231183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	366967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	346287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	143965	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	5.47	113	117473	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	8.70	98	443613	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.12	95	172401	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	108827	47.834	ug/l	96
3) Chloromethane	1.31	50	127832	46.495	ug/l	99
4) Vinyl Chloride	1.39	62	6690067	2300.950	ug/l	94
5) Bromomethane	1.62	94	63859	45.172	ug/l	98
6) Chloroethane	1.70	64	83848	49.437	ug/l	98
7) Trichlorofluoromethane	1.92	101	192338	50.371	ug/l	98
8) Diethyl Ether	2.17	74	76756	48.207	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	101779	48.431	ug/l	98
10) Methyl Iodide	2.49	142	97095	39.364	ug/l	100
11) Tert butyl alcohol	3.02	59	171988	233.612	ug/l	100
12) 1,1-Dichloroethene	2.36	96	147150	66.150	ug/l	99
13) Acrolein	2.27	56	73156	233.594	ug/l	97
14) Allyl chloride	2.71	41	172485	42.163	ug/l	98
15) Acrylonitrile	3.12	53	373768	247.843	ug/l	99
16) Acetone	2.42	43	303987	241.672	ug/l	99
17) Carbon Disulfide	2.55	76	299980	45.411	ug/l	100
18) Methyl Acetate	2.75	43	158762	49.211	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	408637	51.157	ug/l	97
20) Methylene Chloride	2.83	84	126850	48.743	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	271278	110.252	ug/l	95
22) Diisopropyl ether	3.82	45	373007	47.463	ug/l	96
23) Vinyl Acetate	3.79	43	1627790	236.636	ug/l	97
24) 1,1-Dichloroethane	3.67	63	218646	49.293	ug/l	100
25) 2-Butanone	4.64	43	504024	236.478	ug/l	95
26) 2,2-Dichloropropane	4.57	77	169287	46.641	ug/l #	1
27) cis-1,2-Dichloroethene	4.57	96	19905834	6993.075	ug/l	86
28) Bromochloromethane	4.99	49	86609	42.018	ug/l	90
29) Tetrahydrofuran	5.09	42	330500	240.020	ug/l	96
30) Chloroform	5.18	83	230457	51.564	ug/l	100
31) Cyclohexane	5.55	56	174684	43.775	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	208623	51.559	ug/l	98
36) 1,1-Dichloropropene	5.77	75	166695	47.977	ug/l	98
37) Ethyl Acetate	4.80	43	185423	44.451	ug/l #	80
38) Carbon Tetrachloride	5.76	117	186473	51.070	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	178580	47.320	ug/l	98
40) Benzene	6.11	78	535542	51.759	ug/l	100
41) Methacrylonitrile	5.01	41	103895	45.343	ug/l	97
42) 1,2-Dichloroethane	6.17	62	184829	50.231	ug/l	99
43) Isopropyl Acetate	6.42	43	300644	46.206	ug/l	98
44) Trichloroethene	7.19	130	157316	47.921	ug/l	98
45) 1,2-Dichloropropane	7.49	63	129060	48.996	ug/l	97
46) Dibromomethane	7.64	93	88042	49.763	ug/l	95
47) Bromodichloromethane	7.88	83	187971	51.312	ug/l	99
48) Methyl methacrylate	7.75	41	146878	47.146	ug/l	97
49) 1,4-Dioxane	7.71	88	65898	903.853	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	980785	242.083	ug/l	98
52) Toluene	8.77	92	336387	51.556	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	212648	51.049	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	219200	49.715	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	134137	51.706	ug/l	96
56) Ethyl methacrylate	9.16	69	211155	49.978	ug/l	97
57) 1,3-Dichloropropane	9.35	76	225234	50.582	ug/l	99
59) 2-Hexanone	9.48	43	761694	241.759	ug/l	97
60) Dibromochloromethane	9.57	129	156553	53.625	ug/l	100
61) 1,2-Dibromoethane	9.65	107	142431	51.271	ug/l	100
64) Tetrachloroethene	9.32	164	172950	44.641	ug/l	99
65) Chlorobenzene	10.12	112	905130	128.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	139898	51.912	ug/l	99
67) Ethyl Benzene	10.24	91	620001	49.326	ug/l	100
68) m/p-Xylenes	10.34	106	467865	100.391	ug/l	99
69) o-Xylene	10.68	106	229924	50.943	ug/l	97
70) Styrene	10.70	104	400659	51.645	ug/l	100
71) Bromoform	10.84	173	121928	53.534	ug/l	100
73) Isopropylbenzene	11.00	105	598359	49.541	ug/l	100
74) N-amyl acetate	10.88	43	251283	45.231	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	172217	56.894	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	248754	64.922	ug/l	84
77) Bromobenzene	11.24	156	161000	50.823	ug/l	96
78) n-propylbenzene	11.34	91	660652	48.960	ug/l	98
79) 2-Chlorotoluene	11.40	91	410620	49.853	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	507957	50.368	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	73587	47.243	ug/l	98
82) 4-Chlorotoluene	11.49	91	487482	50.119	ug/l	99
83) tert-Butylbenzene	11.76	119	455729	52.886	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	519737	50.959	ug/l	100
85) sec-Butylbenzene	11.93	105	546885	50.591	ug/l	100
86) p-Isopropyltoluene	12.05	119	514378	50.797	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	282012	51.385	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	322470	57.450	ug/l	98
89) n-Butylbenzene	12.37	91	417701	49.524	ug/l	98
90) Hexachloroethane	12.58	117	90553	51.772	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	409257	76.968	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48655	49.624	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	187439	53.078	ug/l	98

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QLast Update : Wed May 27 16:31:05 2020
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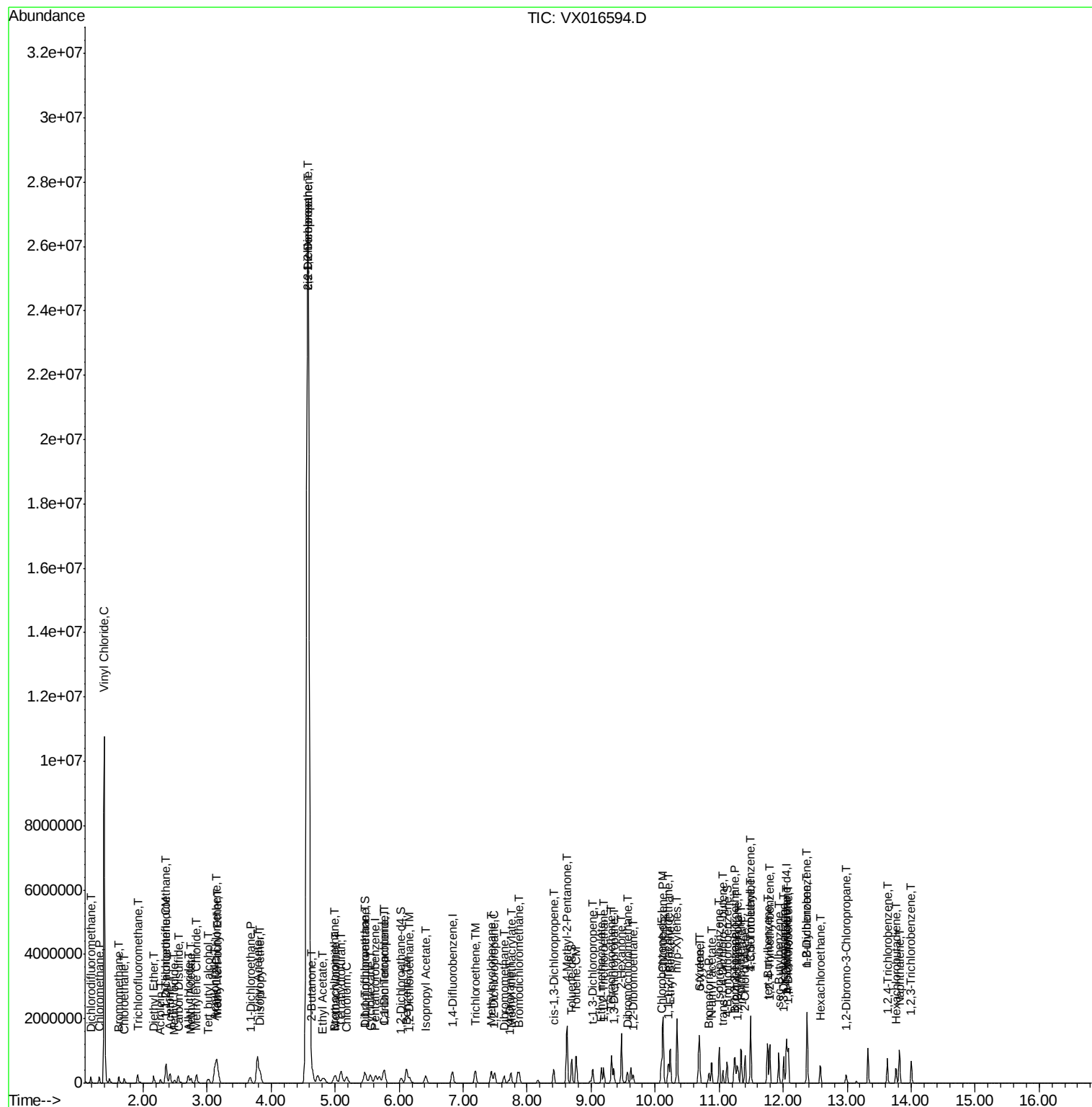
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	72478	52.274	ug/l	99
95) Naphthalene	13.82	128	618981	51.130	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	176419	50.993	ug/l	99

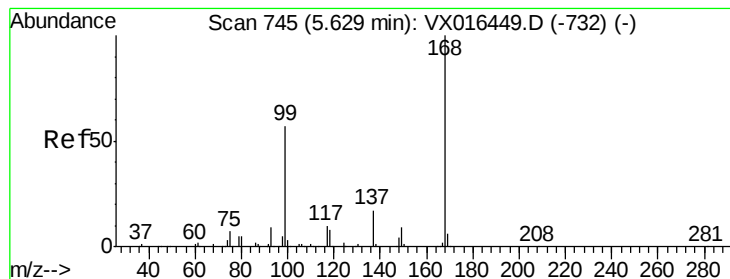
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

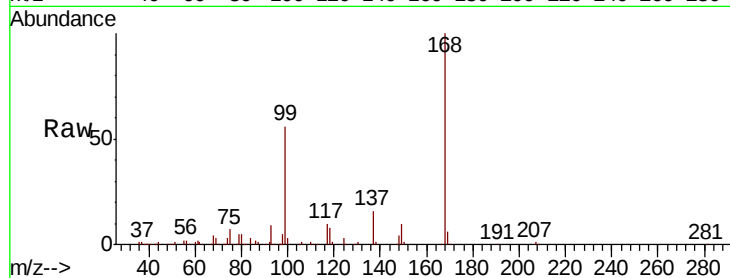
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 231183

Ion Ratio Lower Upper

168 100

99 56.1 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

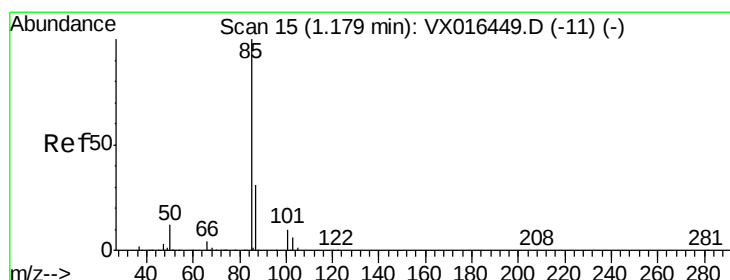
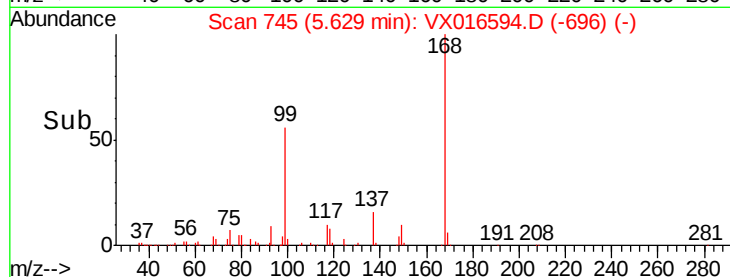
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.834 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016594.D

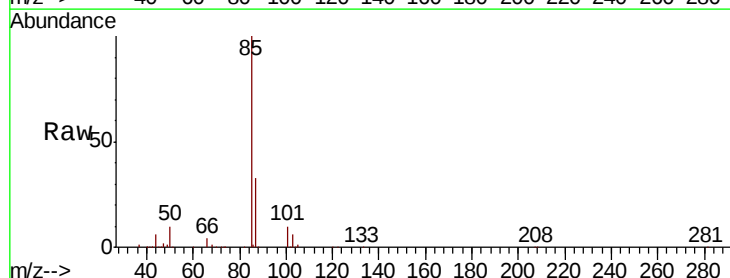
Acq: 04 Jun 2020 20:09

Tgt Ion: 85 Resp: 108827

Ion Ratio Lower Upper

85 100

87 33.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

60000

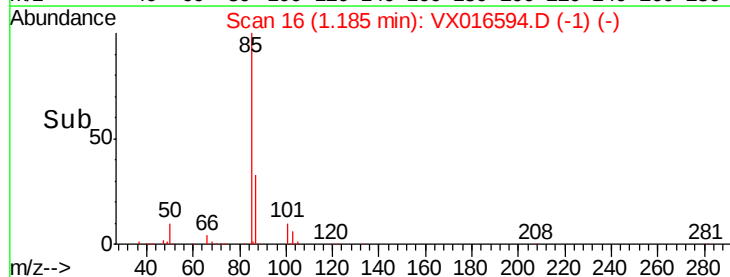
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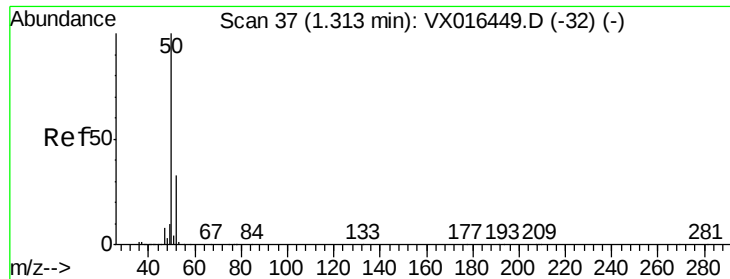
20000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.495 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

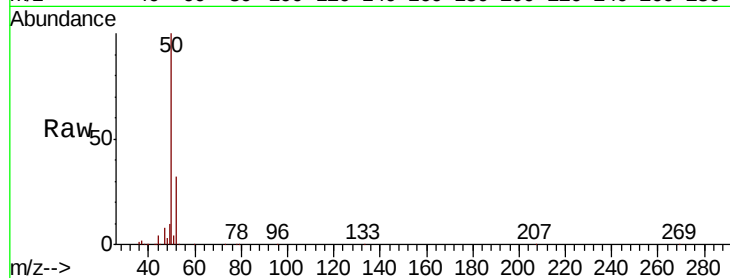
ClientSampleId :

Tot Ion: 50 Resp: 127832

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

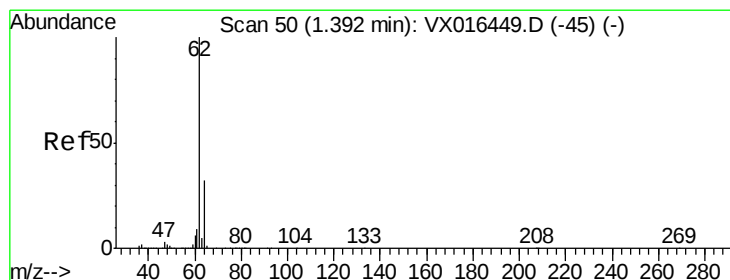
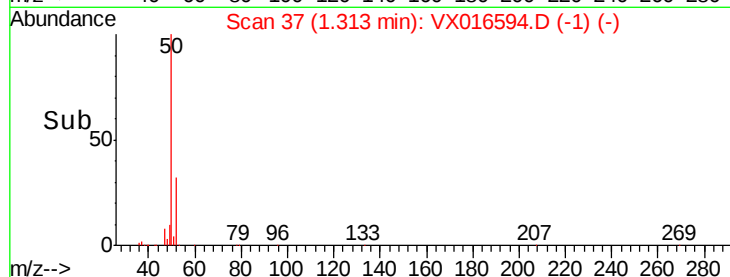
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 2300.950 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016594.D

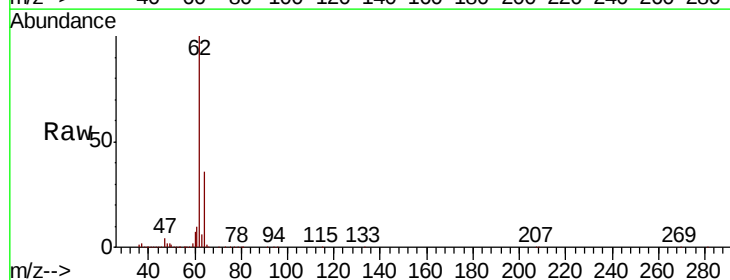
Acq: 04 Jun 2020 20:09

Tgt Ion: 62 Resp: 6690067

Ion Ratio Lower Upper

62 100

64 36.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

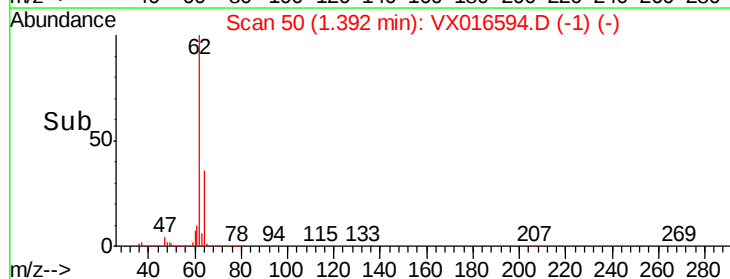
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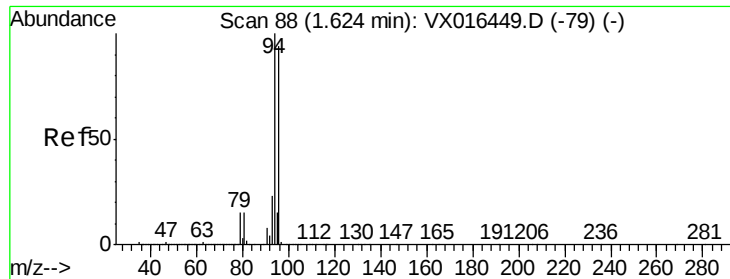
4000000

2000000

0

Time-->





#5

Bromomethane

Concen: 45.172 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

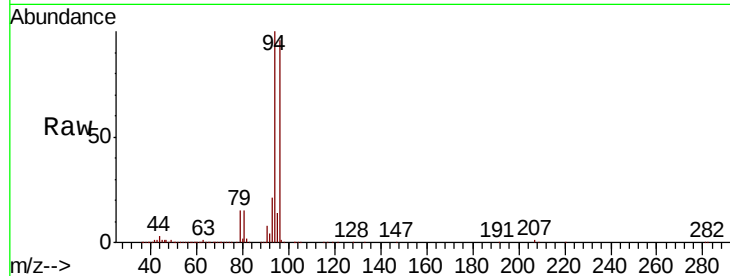
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 63859

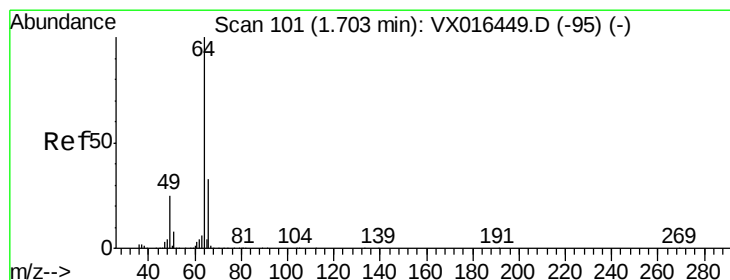
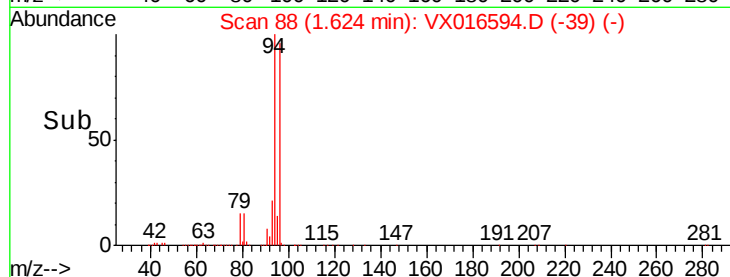
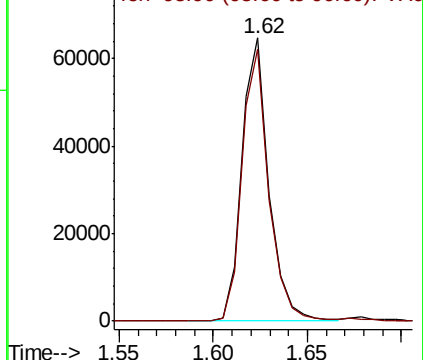
Ion Ratio Lower Upper

94 100

96 96.1 75.1 112.7



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



#6

Chloroethane

Concen: 49.437 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016594.D

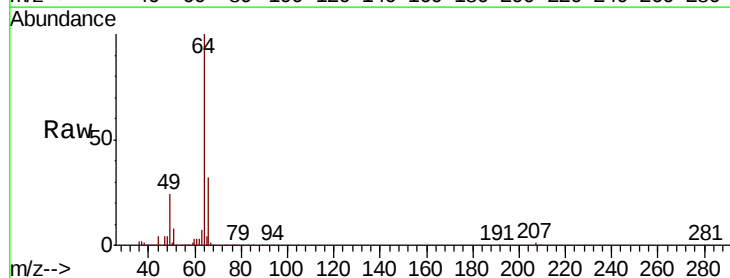
Acq: 04 Jun 2020 20:09

Tgt Ion: 64 Resp: 83848

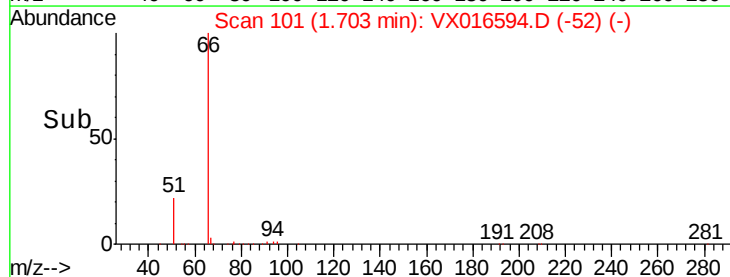
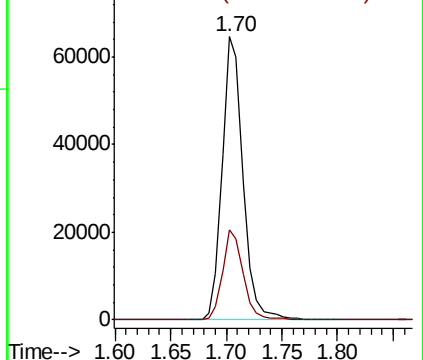
Ion Ratio Lower Upper

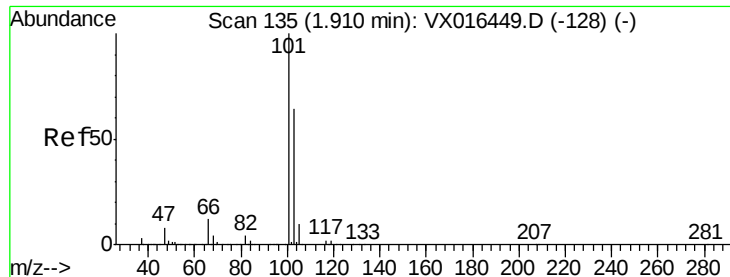
64 100

66 32.0 26.7 40.1



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



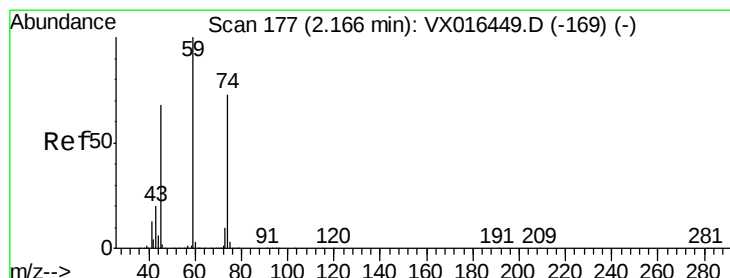
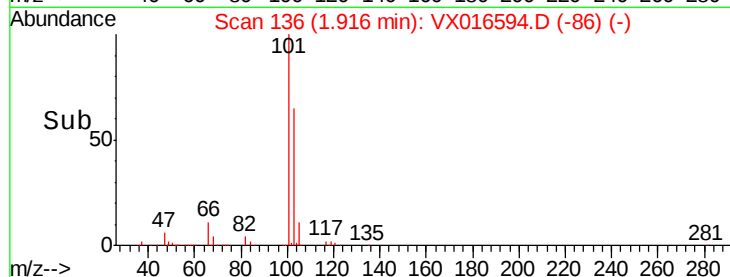
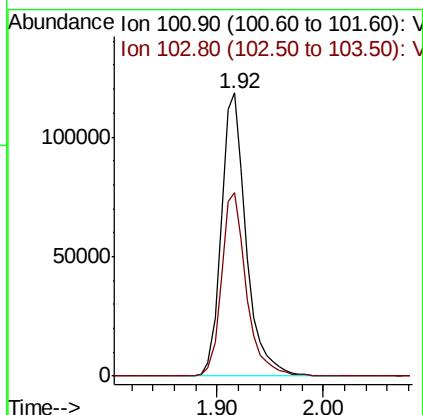
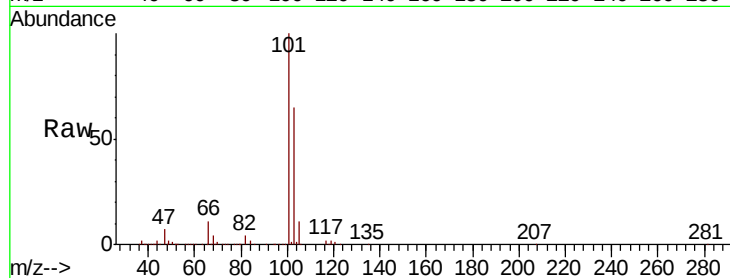


#7

Trichlorofluoromethane
Concen: 50.371 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :

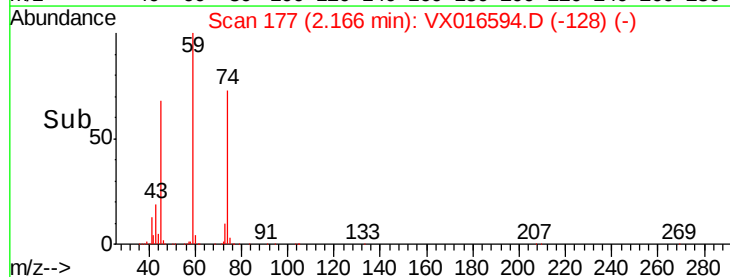
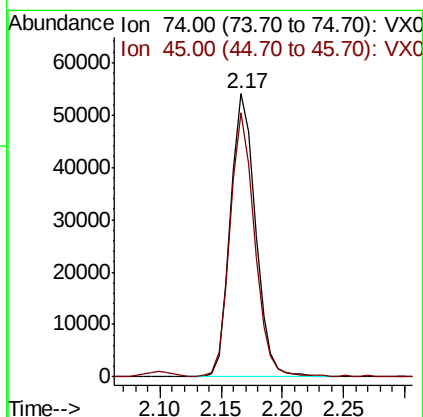
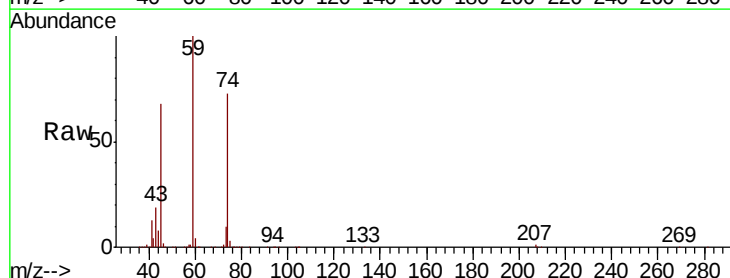
Tot Ion:101 Resp: 192338
Ion Ratio Lower Upper
101 100
103 65.0 50.9 76.3

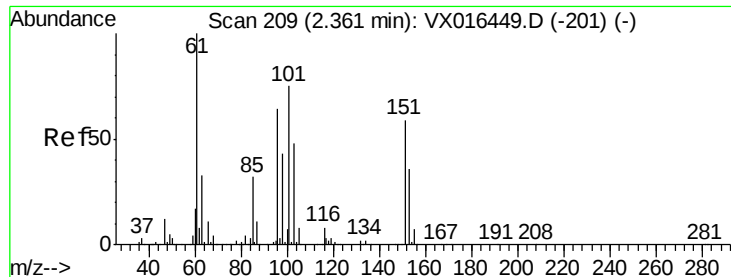


#8

Diethyl Ether
Concen: 48.207 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion: 74 Resp: 76756
Ion Ratio Lower Upper
74 100
45 90.6 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.431 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

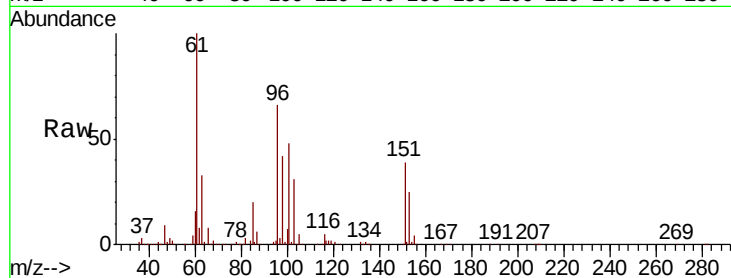
Tot Ion:101 Resp: 101779

Ion Ratio Lower Upper

101 100

85 42.7 34.4 51.6

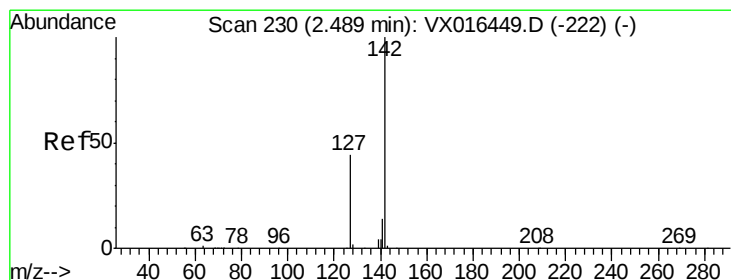
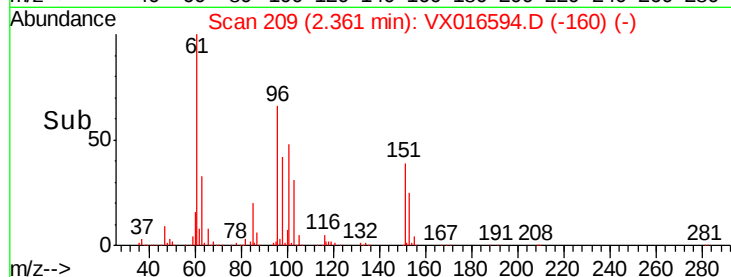
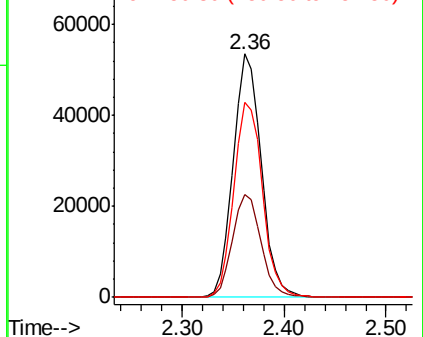
151 81.8 63.8 95.6



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: 39.364 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

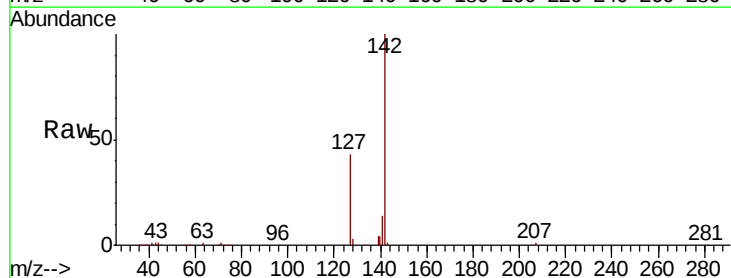
Tgt Ion:142 Resp: 97095

Ion Ratio Lower Upper

142 100

127 43.9 35.3 52.9

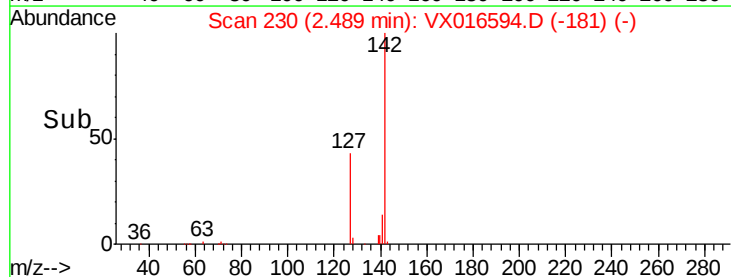
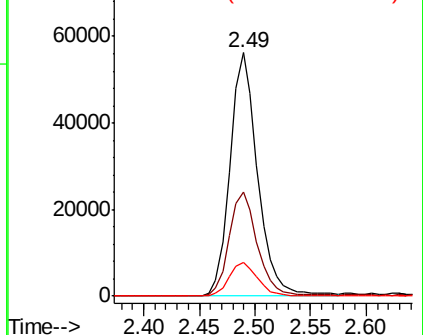
141 14.3 11.4 17.2

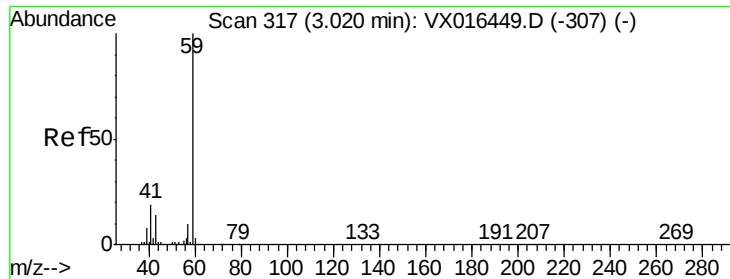


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

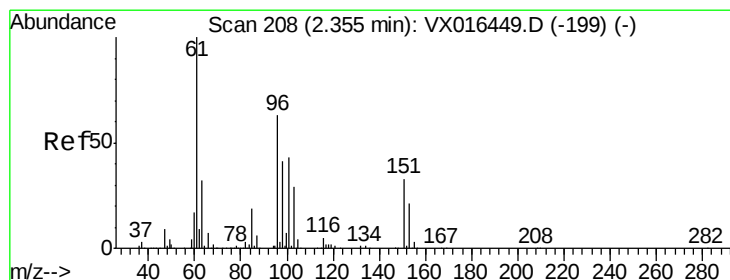
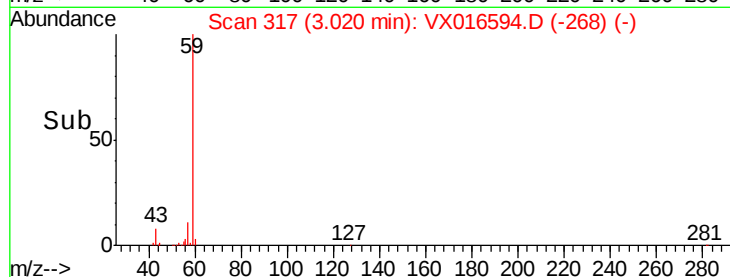
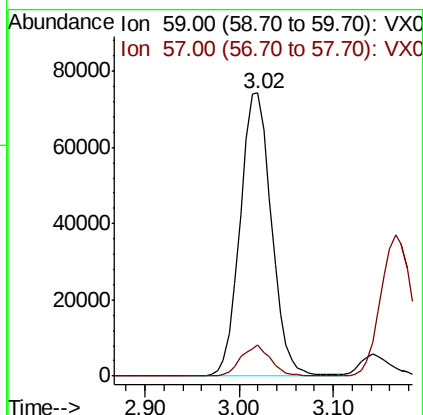
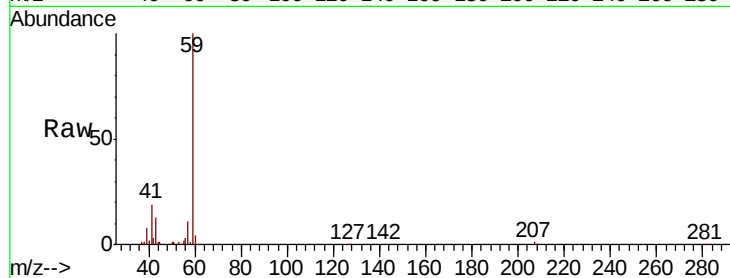




#11
Tert butyl alcohol
Concen: 233.612 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

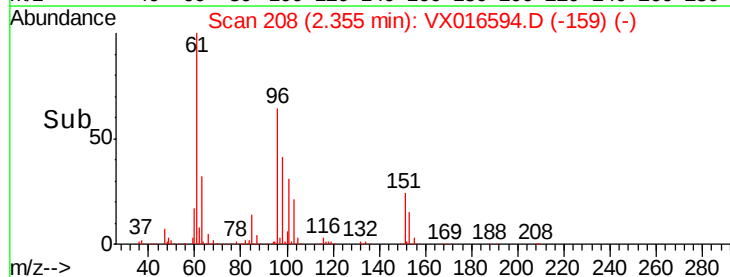
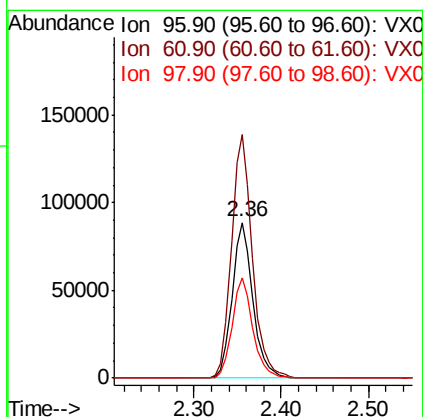
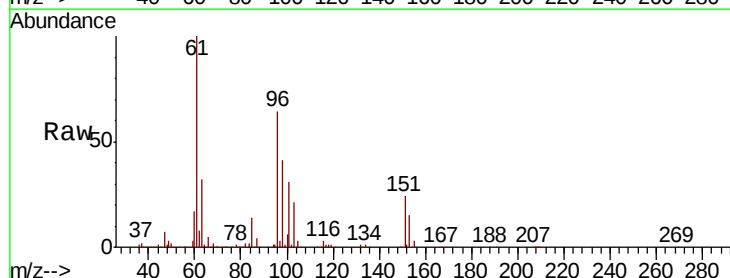
Instrument :
MSVOA_X
ClientSampleId :

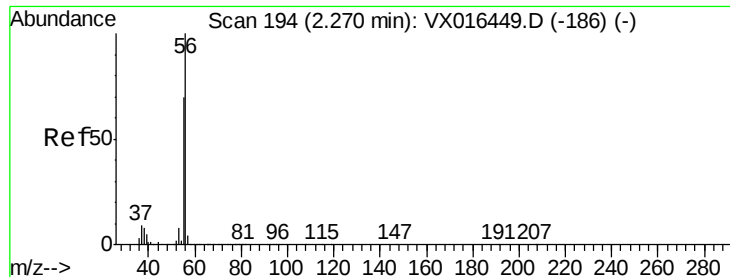
Tot Ion: 59 Resp: 171988
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 66.150 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion: 96 Resp: 147150
Ion Ratio Lower Upper
96 100
61 156.2 126.6 189.8
98 64.3 51.3 76.9





#13

Acrolein

Concen: 233.594 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

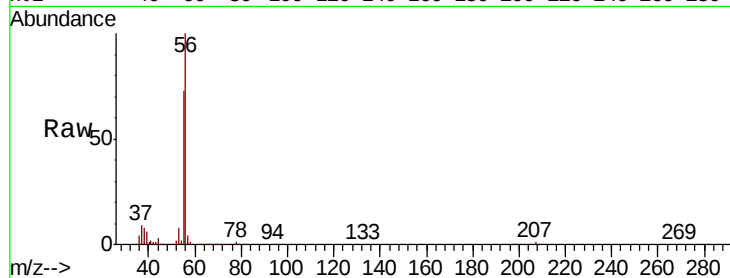
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 73156

Ion Ratio Lower Upper

56 100

55 70.6 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

50000

40000

30000

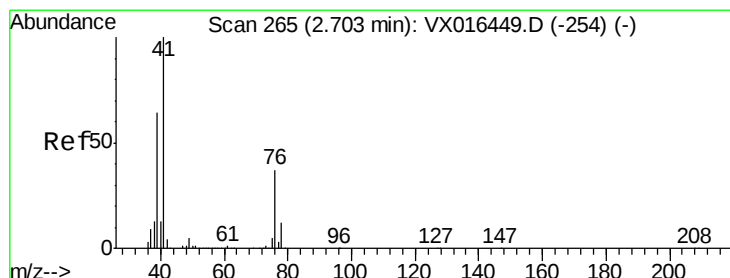
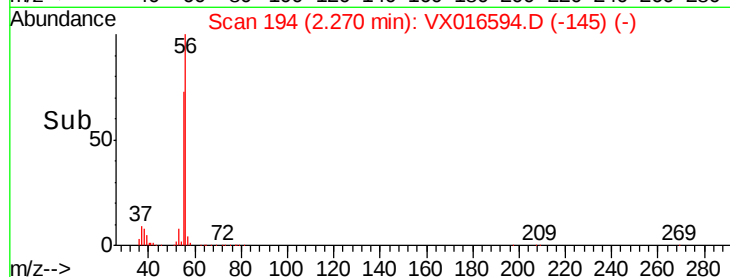
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 42.163 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

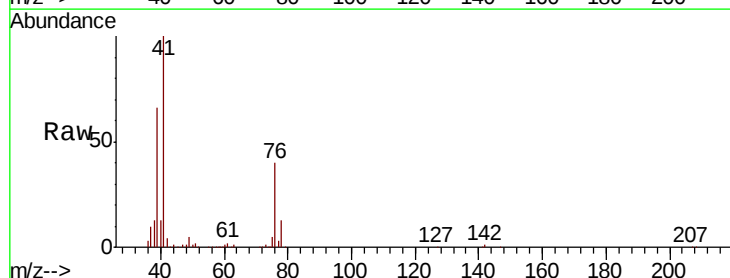
Tgt Ion: 41 Resp: 172485

Ion Ratio Lower Upper

41 100

39 60.1 47.7 71.5

76 35.7 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

100000

80000

60000

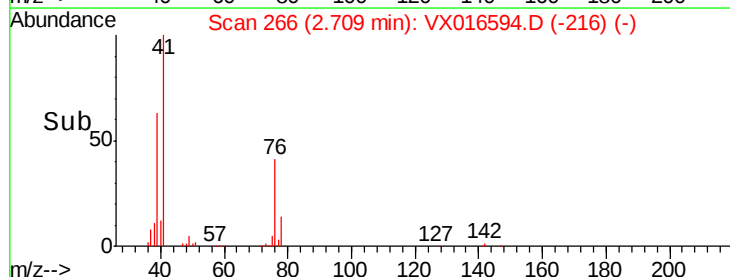
40000

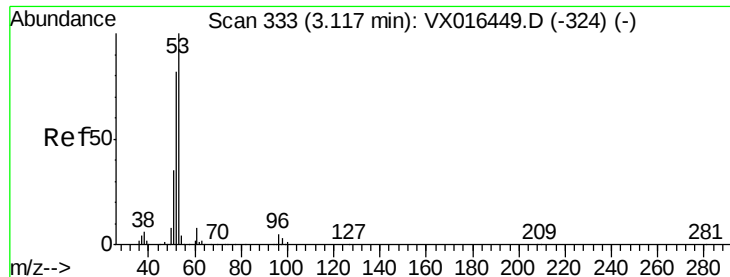
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 247.843 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

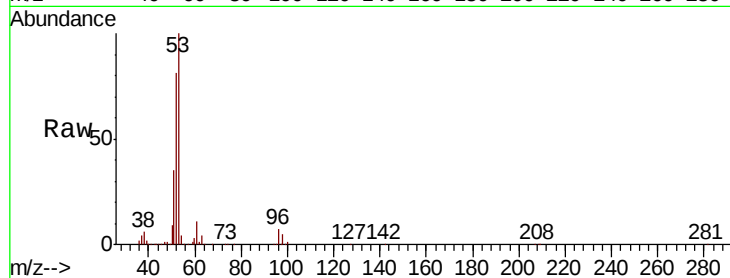
Tot Ion: 53 Resp: 373768

Ion Ratio Lower Upper

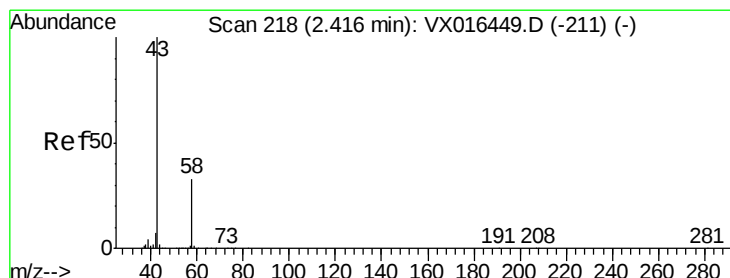
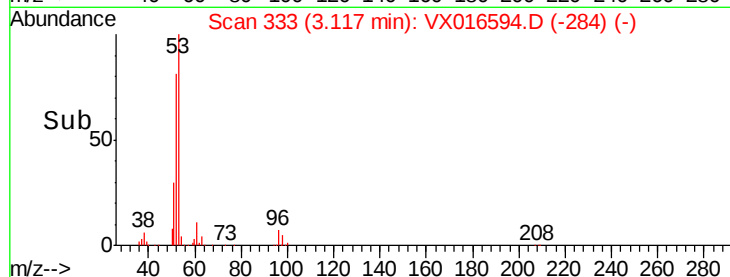
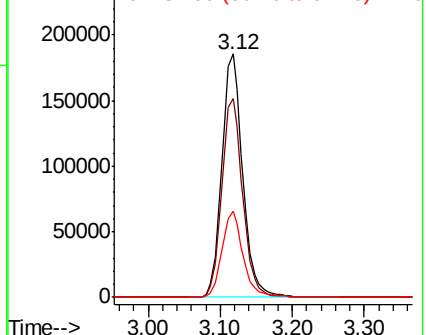
53 100

52 81.9 66.7 100.1

51 35.7 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 241.672 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016594.D

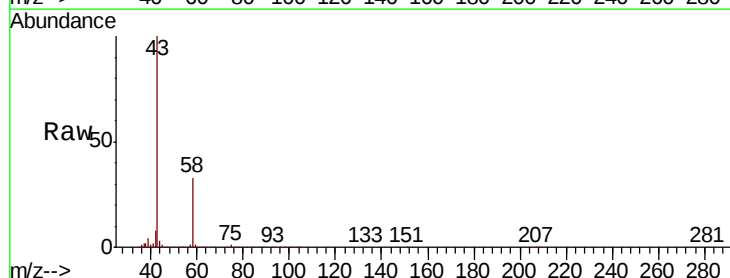
Acq: 04 Jun 2020 20:09

Tgt Ion: 43 Resp: 303987

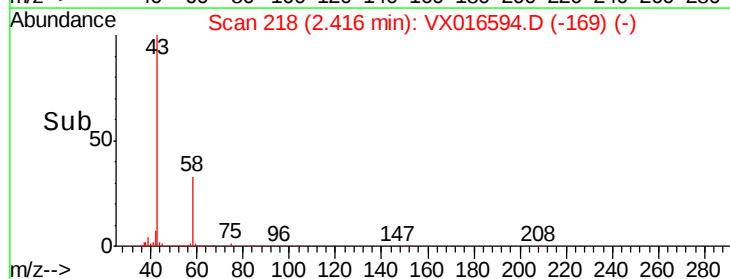
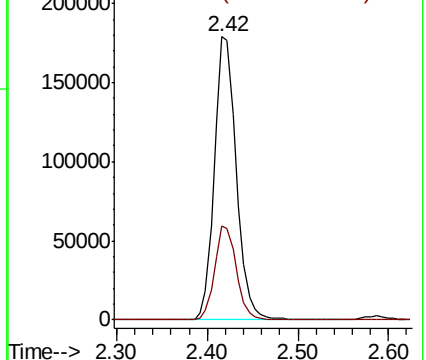
Ion Ratio Lower Upper

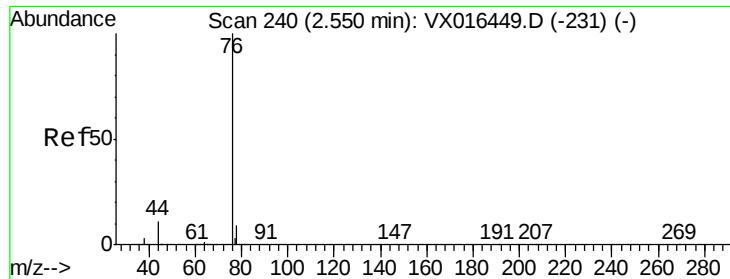
43 100

58 33.0 26.1 39.1



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

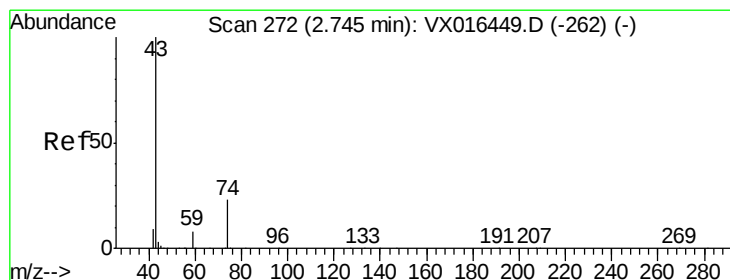
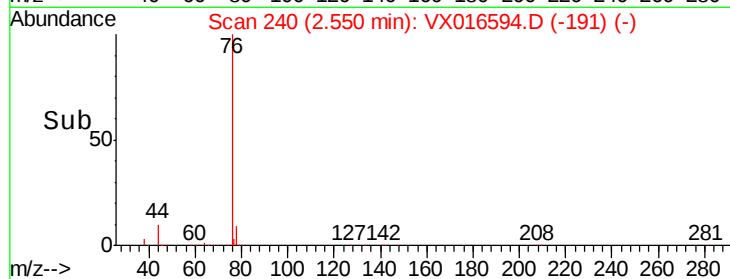
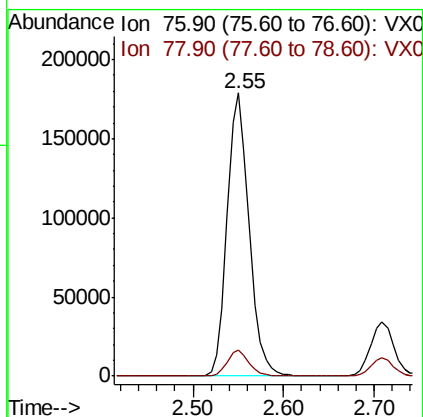
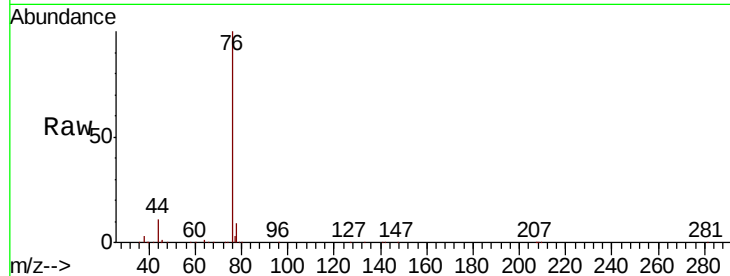




#17
Carbon Disulfide
Concen: 45.411 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

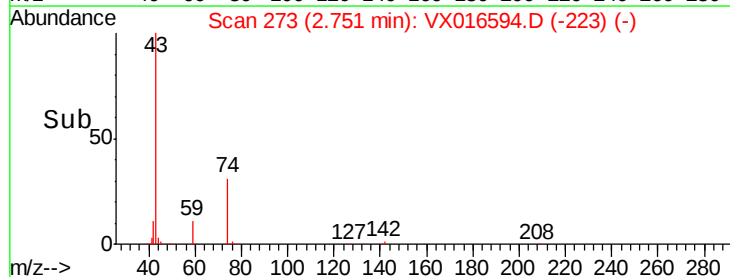
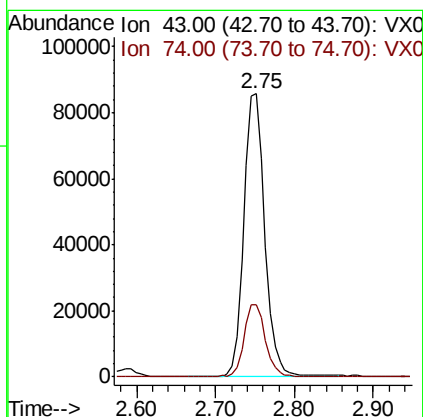
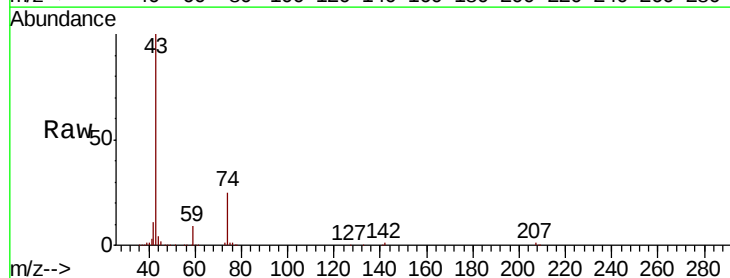
Instrument :
MSVOA_X
ClientSampleId :

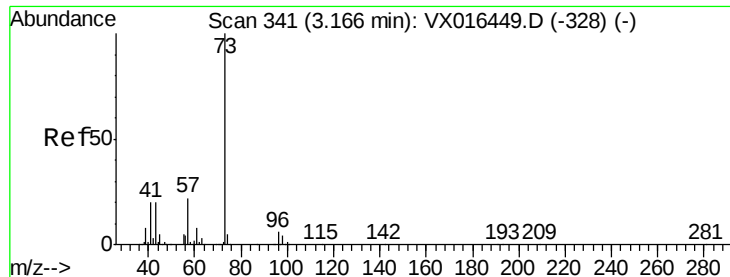
Tot Ion: 76 Resp: 299980
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 49.211 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion: 43 Resp: 158762
Ion Ratio Lower Upper
43 100
74 26.3 19.7 29.5



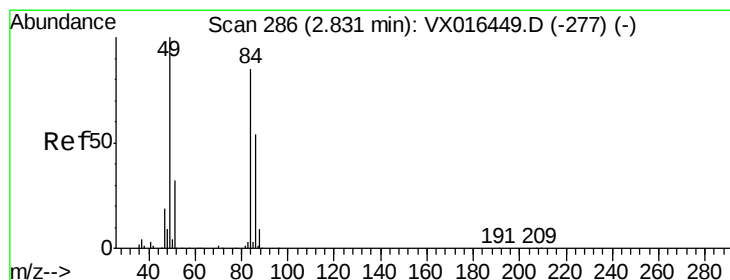
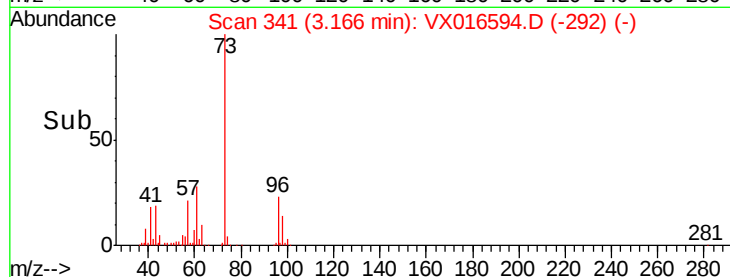
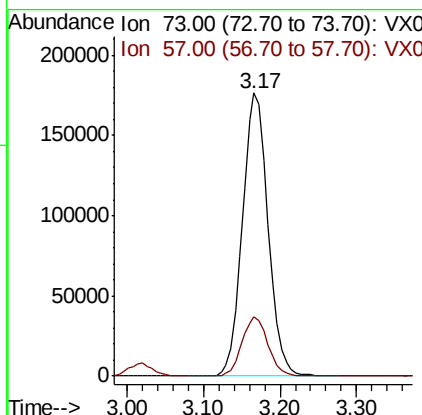
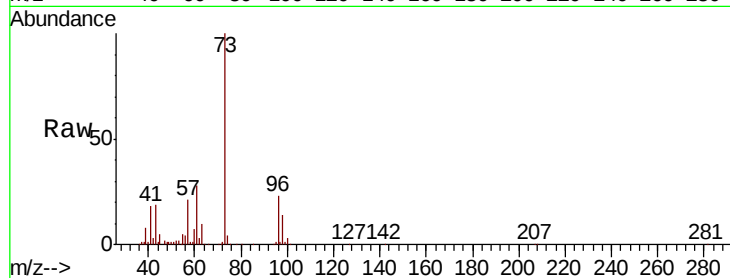


#19

Methyl tert-butyl Ether
 Concen: 51.157 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Instrument :
 MSVOA_X
 ClientSampleId :

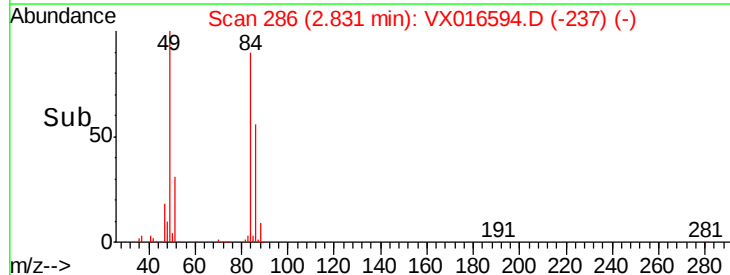
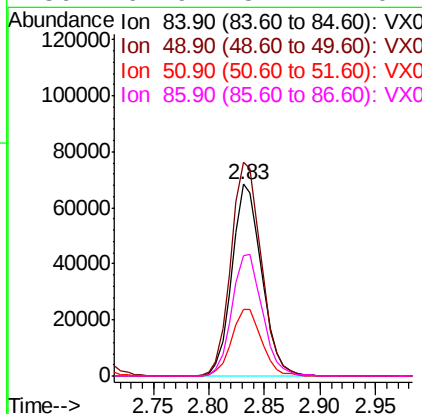
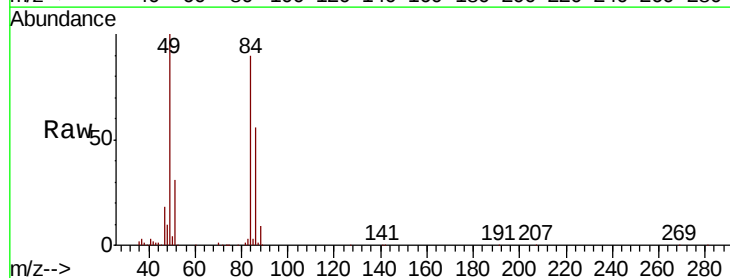
Tot Ion: 73 Resp: 408637
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.8 26.6



#20

Methylene Chloride
 Concen: 48.743 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Tgt Ion: 84 Resp: 126850
 Ion Ratio Lower Upper
 84 100
 49 111.4 94.5 141.7
 51 34.8 30.2 45.4
 86 62.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 110.252 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampled :

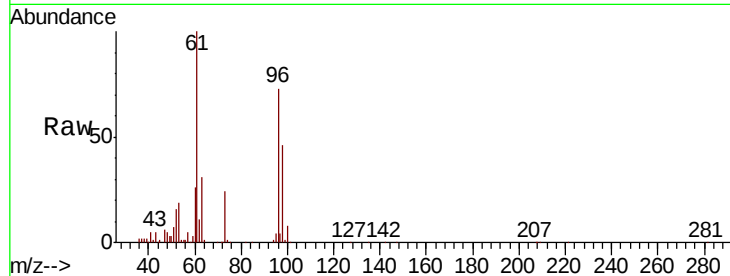
Tot Ion: 96 Resp: 271278

Ion Ratio Lower Upper

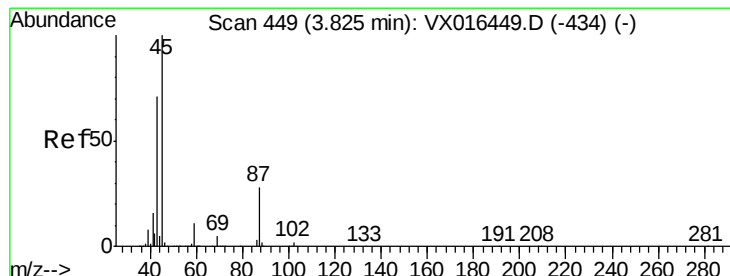
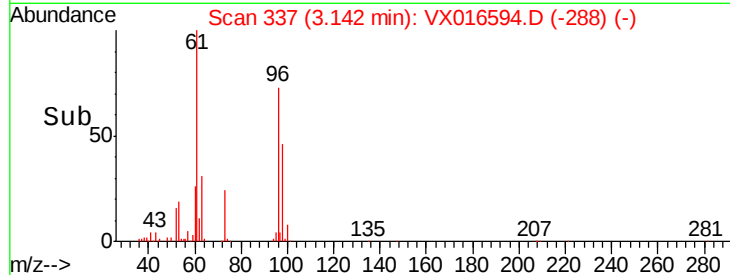
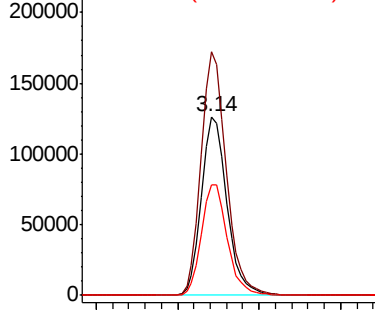
96 100

61 136.2 115.3 172.9

98 62.1 51.9 77.9



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: 47.463 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Tgt Ion: 45 Resp: 373007

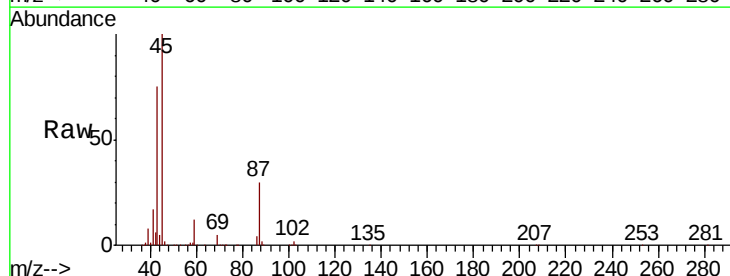
Ion Ratio Lower Upper

45 100

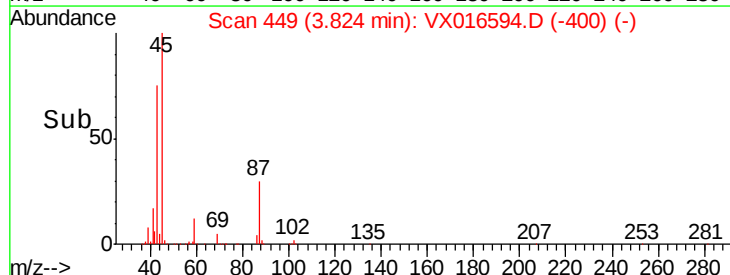
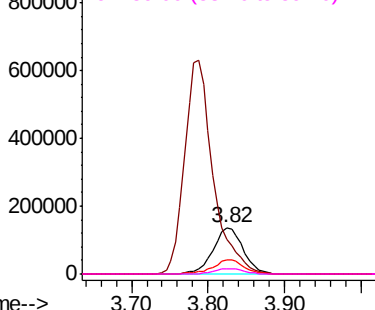
43 74.4 57.0 85.6

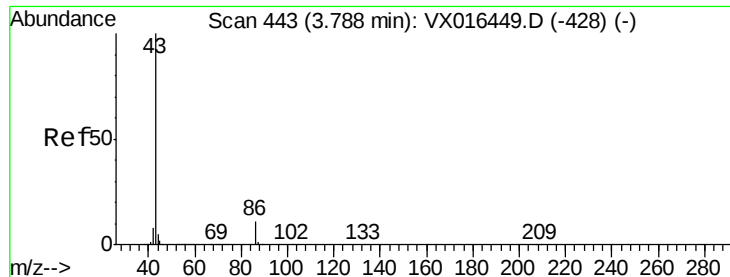
87 30.1 22.5 33.7

59 12.4 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 236.636 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

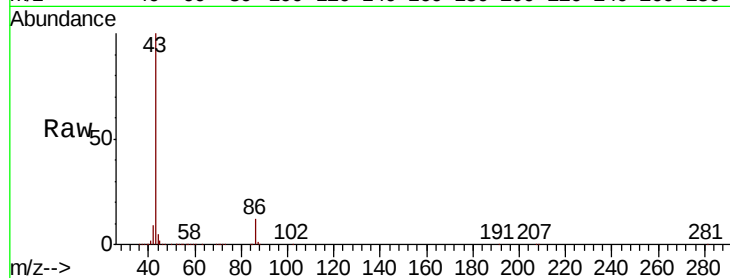
Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1627790

Ion	Ratio	Lower	Upper
43	100		
86	12.1	8.6	13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

600000

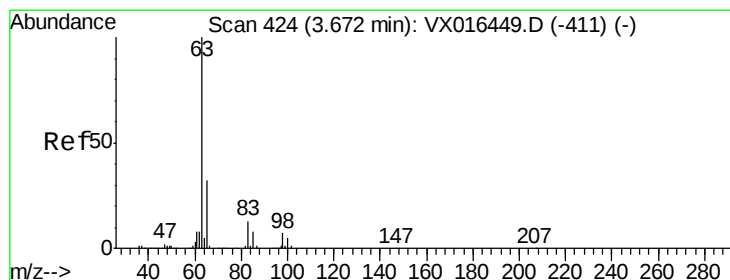
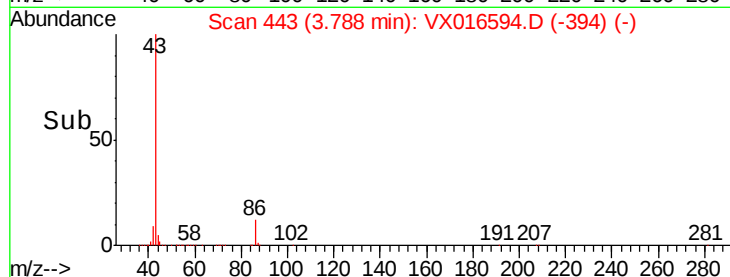
400000

200000

0

Time-->

3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 49.293 ug/l

RT: 3.67 min Scan# 424

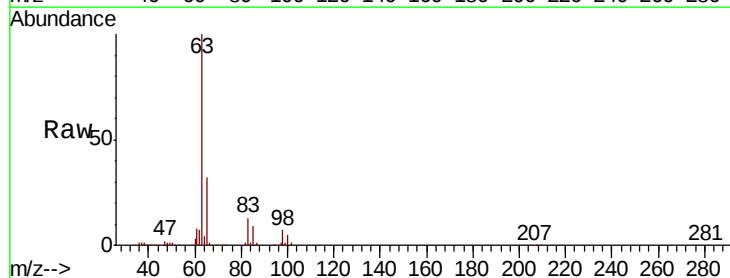
Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Tgt Ion: 63 Resp: 218646

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.9
100	4.8	2.4	7.1



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

120000

100000

80000

60000

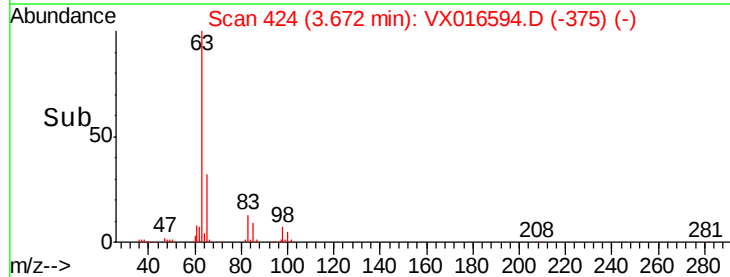
40000

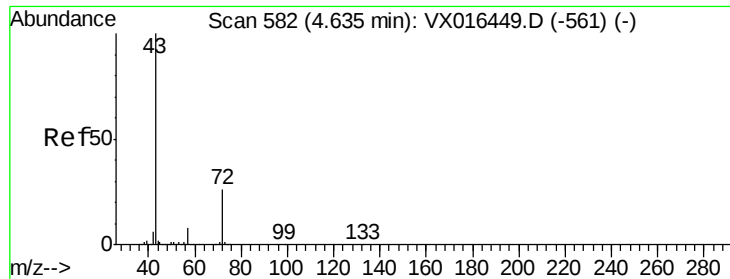
20000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 236.478 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

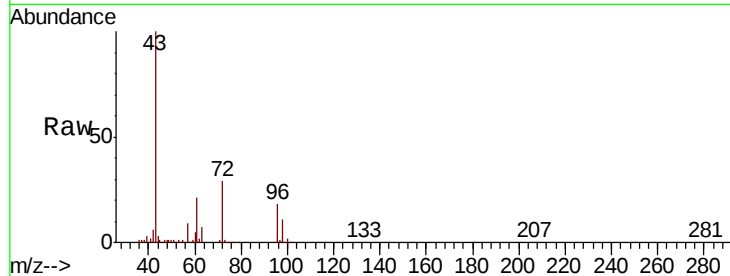
ClientSampleId :

Tot Ion: 43 Resp: 504024

Ion Ratio Lower Upper

43 100

72 29.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

100000

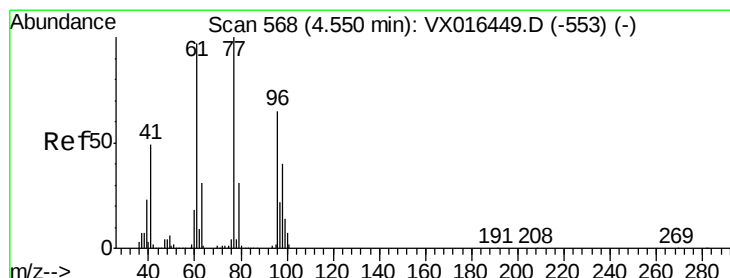
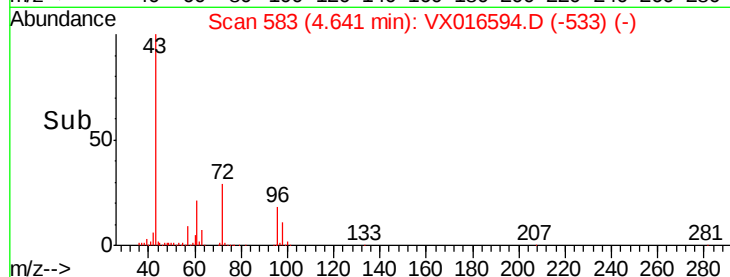
50000

0

4.60

4.70

Time-->



#26

2,2-Dichloropropane

Concen: 46.641 ug/l

RT: 4.57 min Scan# 572

Delta R.T. 0.02 min

Lab File: VX016594.D

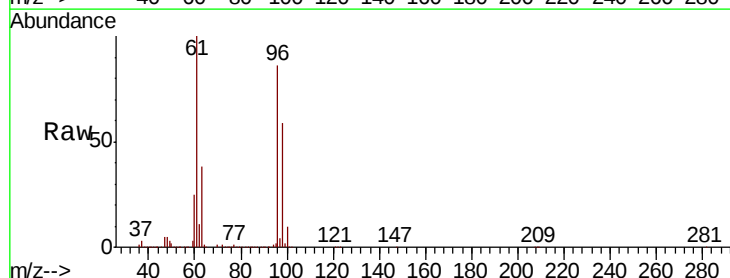
Acq: 04 Jun 2020 20:09

Tgt Ion: 77 Resp: 169287

Ion Ratio Lower Upper

77 100

97 508.7 11.5 34.4#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

300000

200000

100000

0

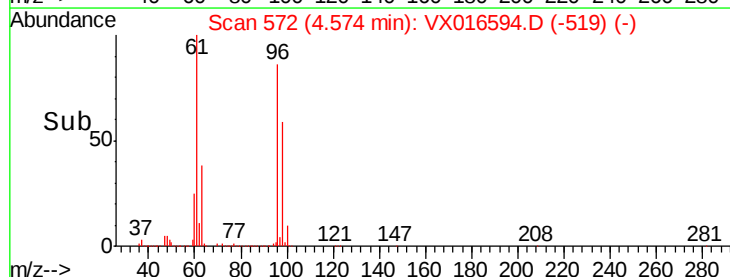
4.40

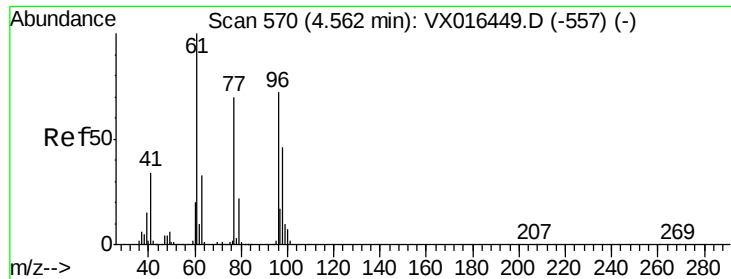
4.50

4.60

4.70

Time-->



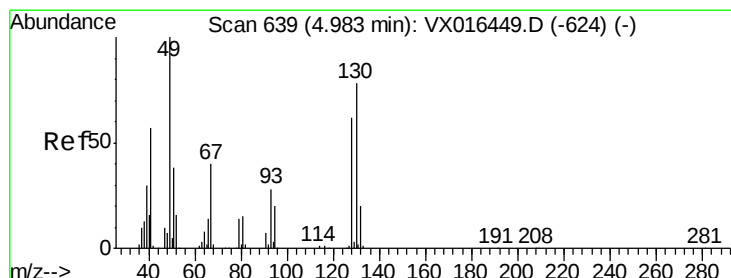
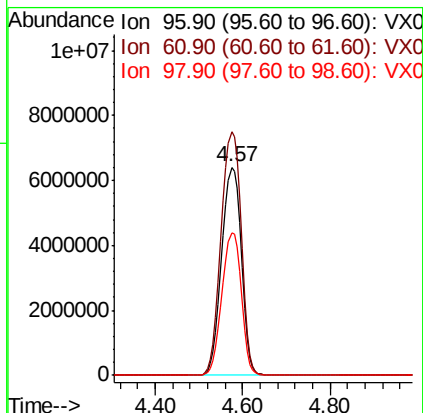
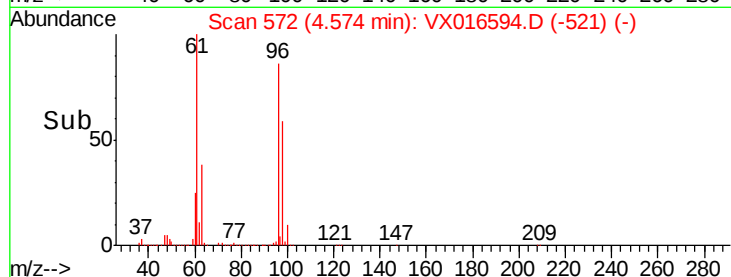
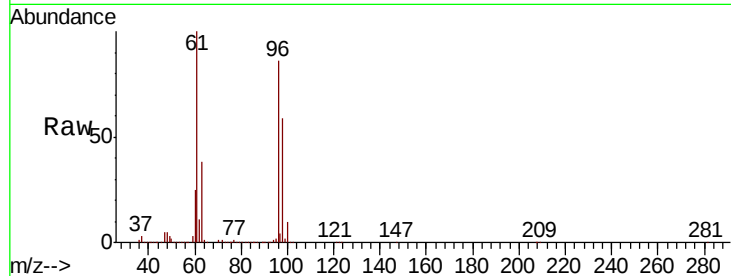


#27

cis-1,2-Dichloroethene
Concen: 6993.075 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :

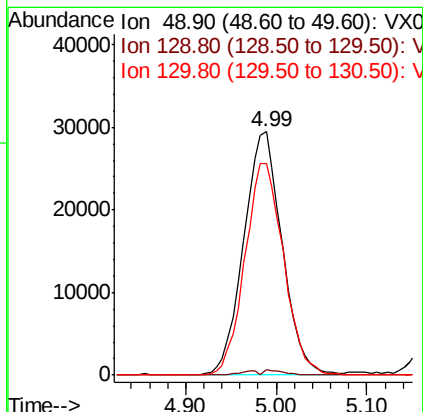
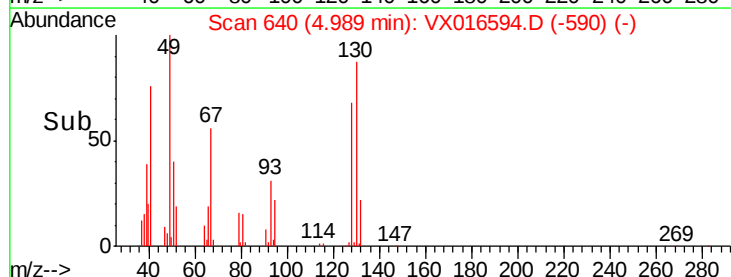
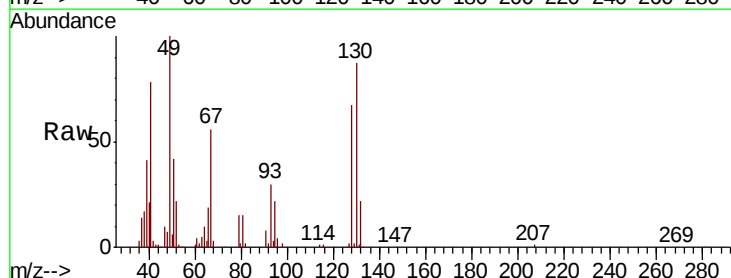
Tot Ion: 96 Resp:19905834
Ion Ratio Lower Upper
96 100
61 120.1 0.0 284.6
98 67.3 0.0 127.2

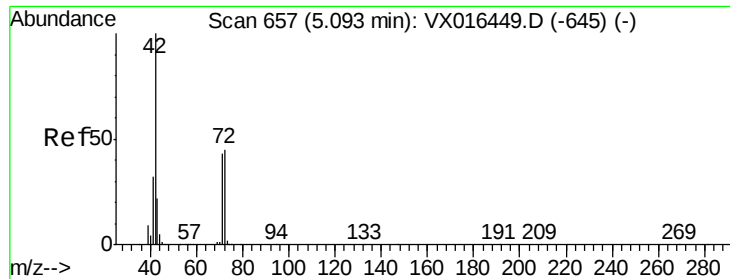


#28

Bromochloromethane
Concen: 42.018 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion: 49 Resp: 86609
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.0
130 87.4 63.0 94.4

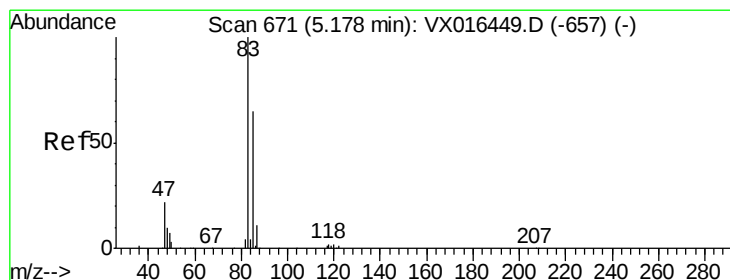
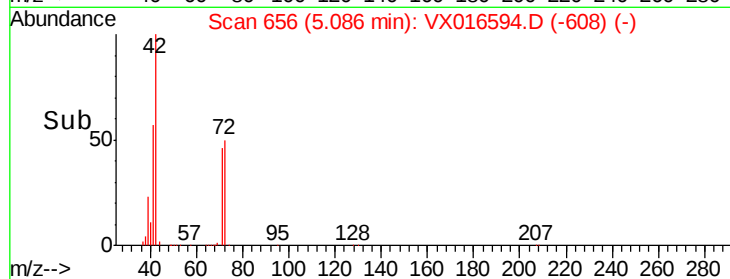
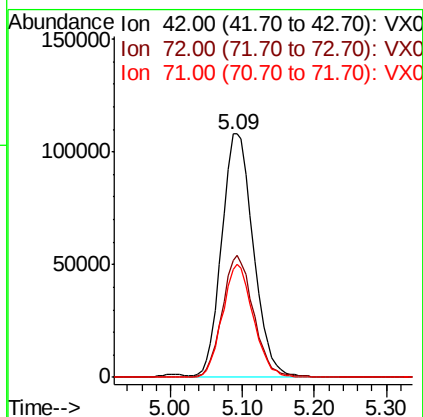
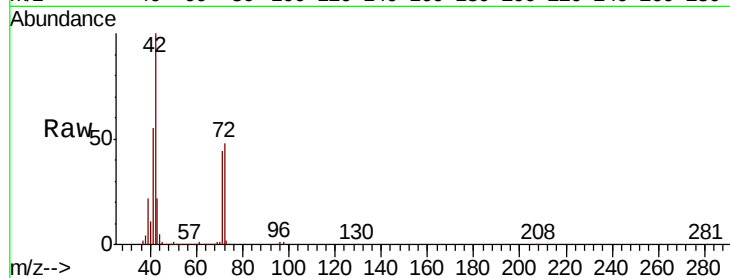




#29
Tetrahydrofuran
Concen: 240.020 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

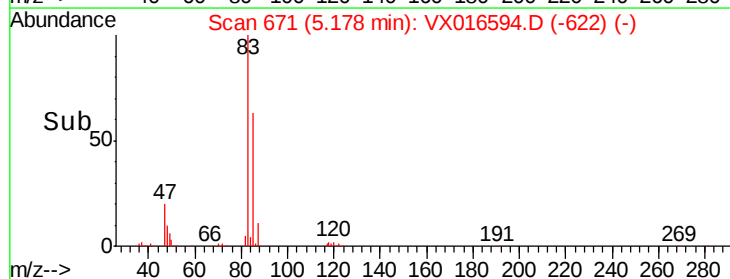
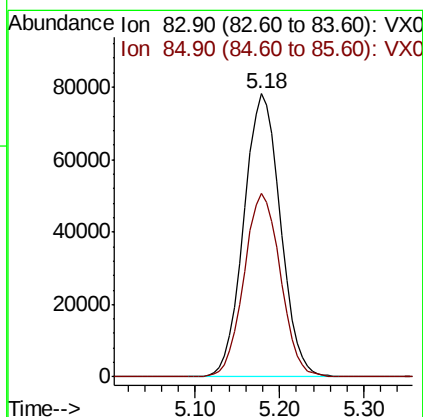
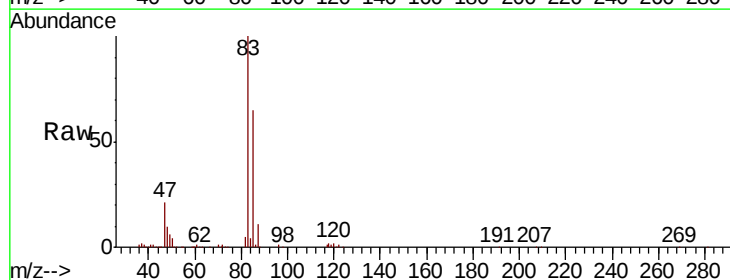
Instrument :
MSVOA_X
ClientSampled :

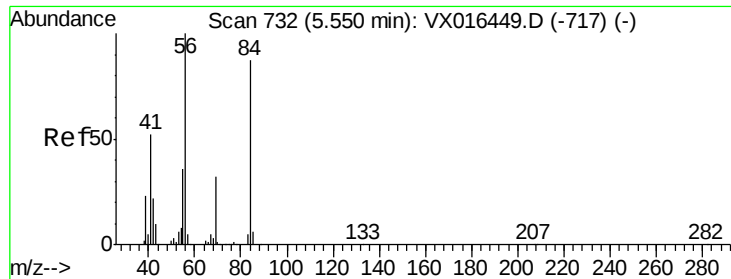
Tot Ion	Ratio	Lower	Upper
42	100		
72	49.3	37.0	55.4
71	45.2	34.1	51.1



#30
Chloroform
Concen: 51.564 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.0	78.0

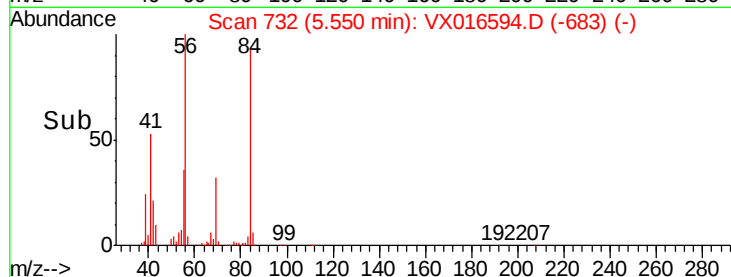
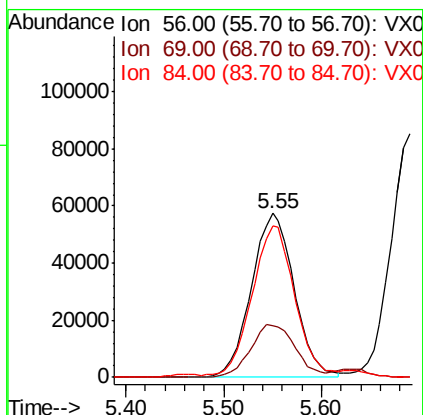
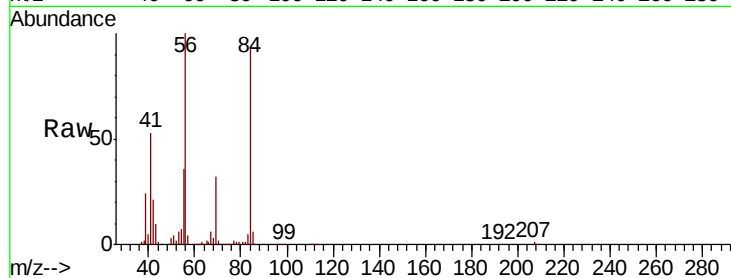




#31
Cyclohexane
Concen: 43.775 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

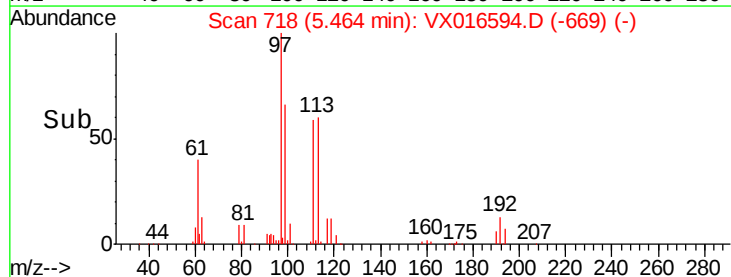
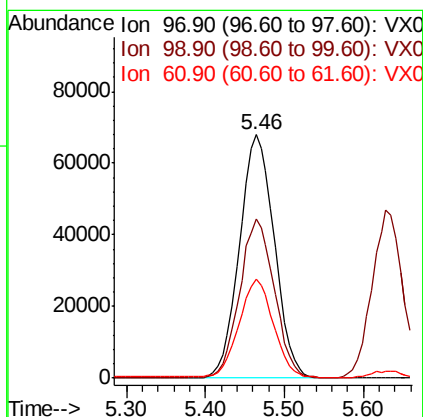
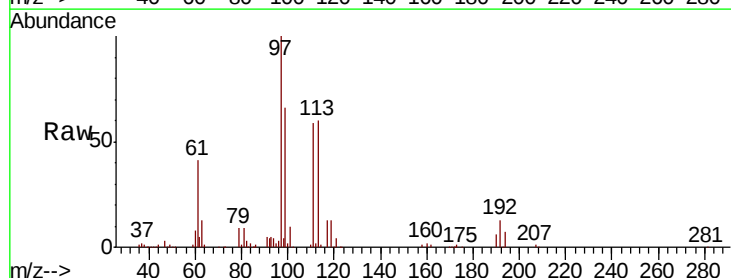
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 174684
Ion Ratio Lower Upper
56 100
69 31.9 25.7 38.5
84 90.7 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 51.559 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion: 97 Resp: 208623
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.2
61 39.9 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 50.145 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

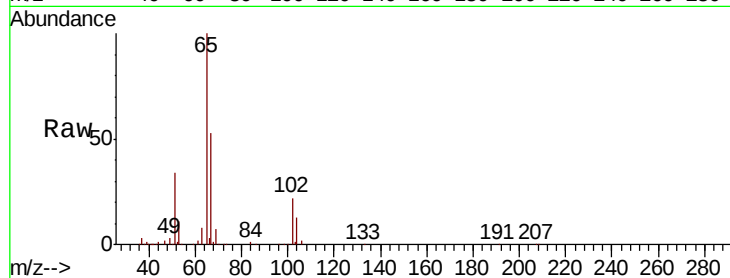
ClientSampleId :

Tot Ion: 65 Resp: 143965

Ion Ratio Lower Upper

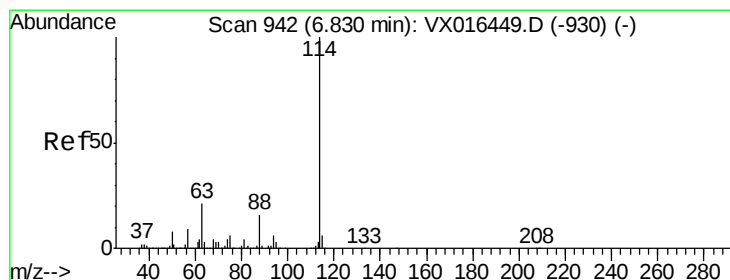
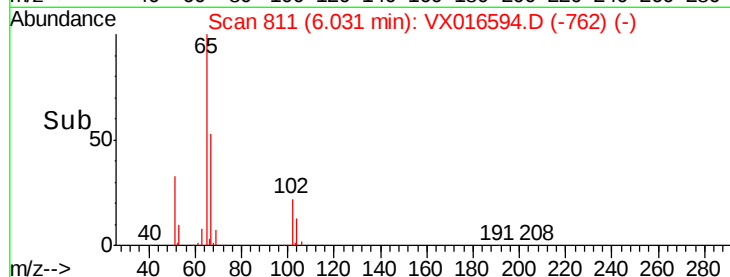
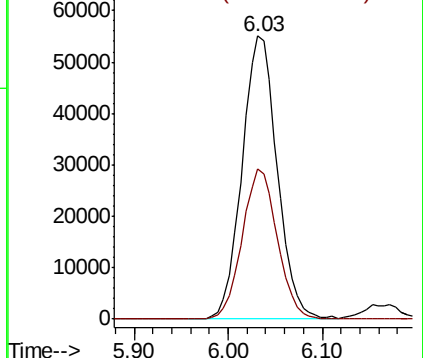
65 100

67 53.1 0.0 104.8



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: VX016594.D

Acq: 04 Jun 2020 20:09

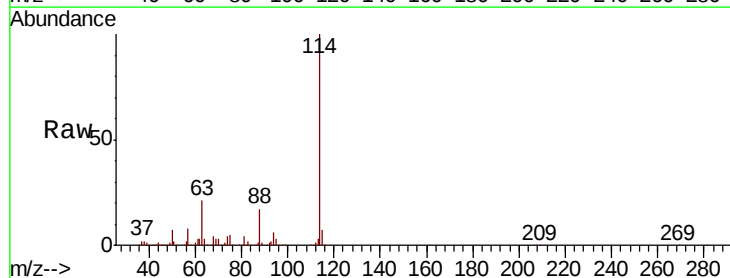
Tgt Ion: 114 Resp: 366967

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

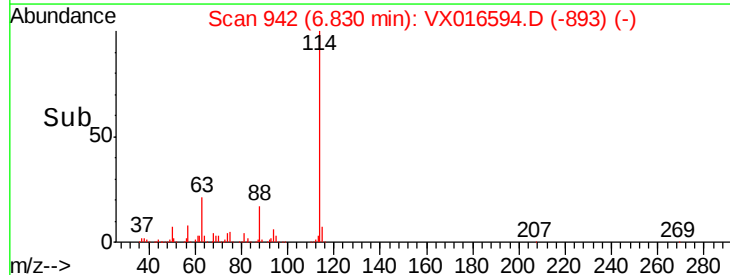
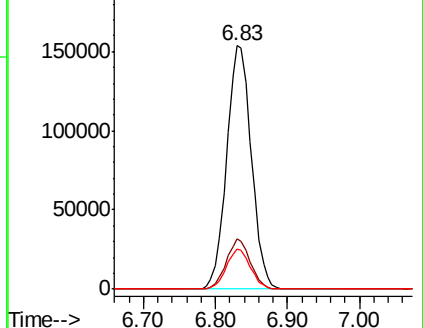
88 16.6 0.0 32.8



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: 51.989 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

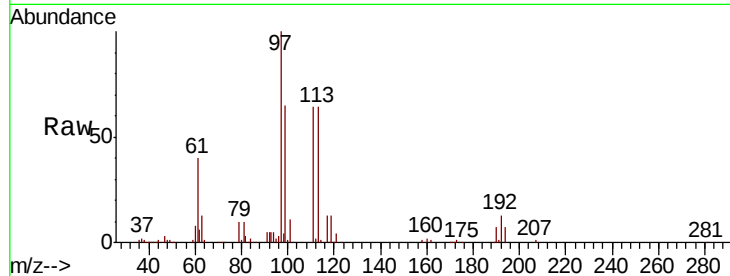
Tot Ion:113 Resp: 117473

Ion Ratio Lower Upper

113 100

111 100.6 83.0 124.6

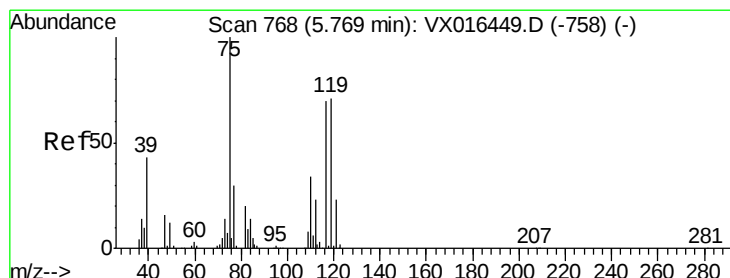
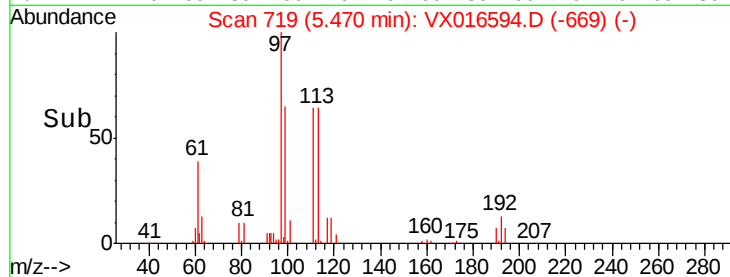
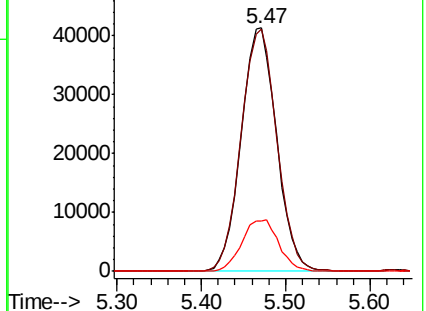
192 22.1 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.977 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

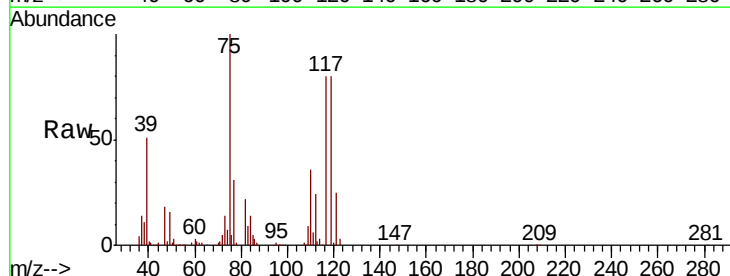
Tgt Ion: 75 Resp: 166695

Ion Ratio Lower Upper

75 100

110 36.4 17.4 52.3

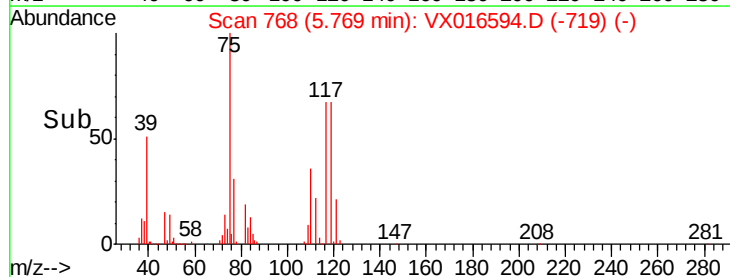
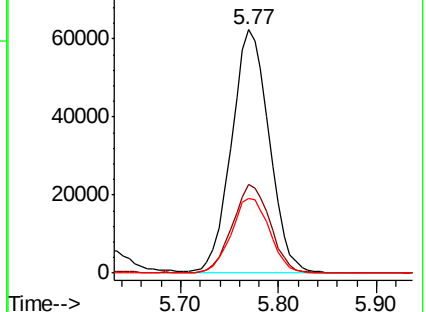
77 30.7 24.2 36.4

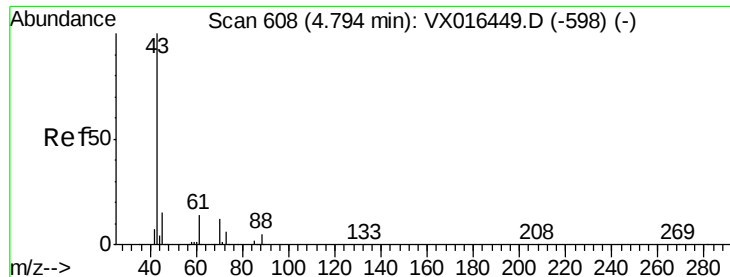


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

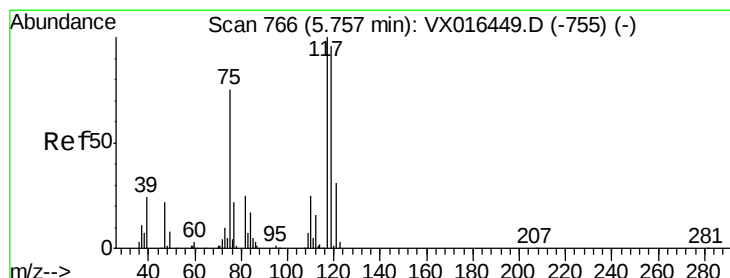
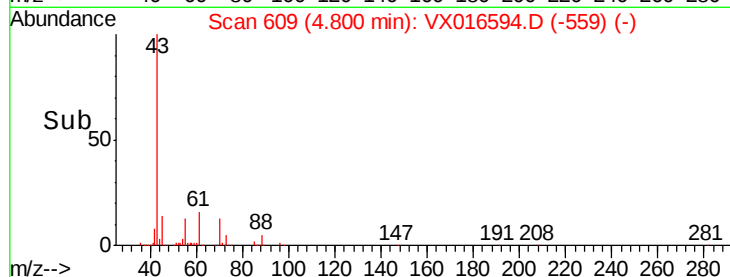
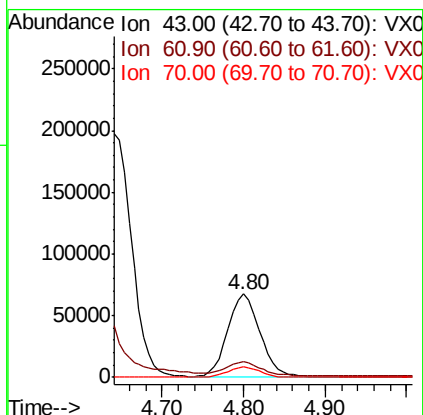
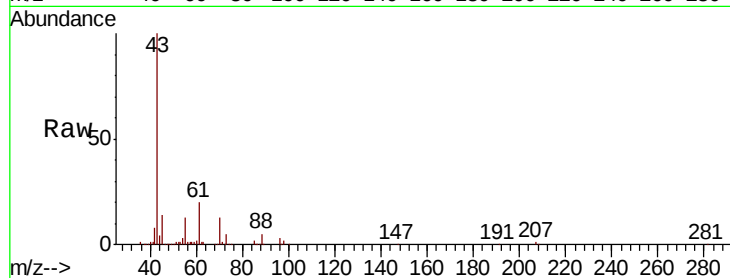




#37
Ethyl Acetate
Concen: 44.451 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

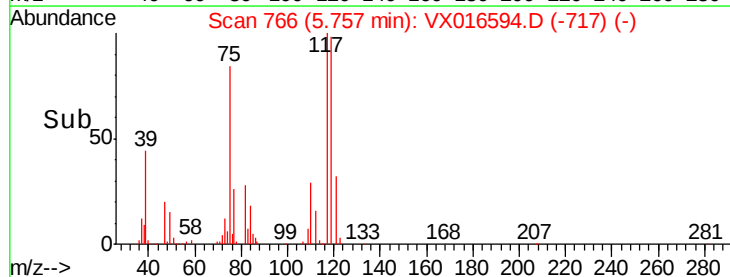
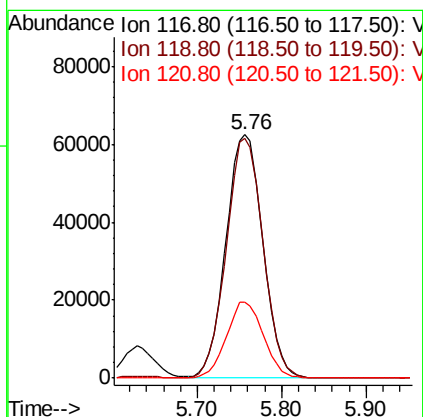
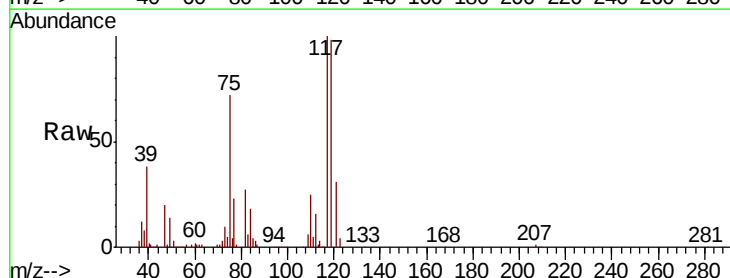
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 185423
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 12.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 51.070 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion: 117 Resp: 186473
Ion Ratio Lower Upper
117 100
119 98.4 76.3 114.5
121 31.3 24.6 37.0

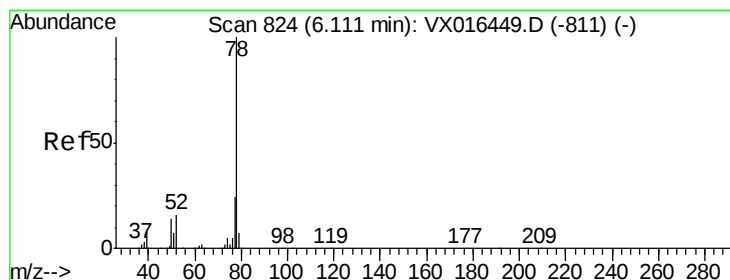
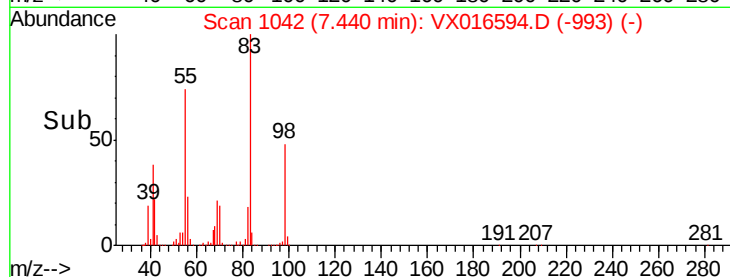
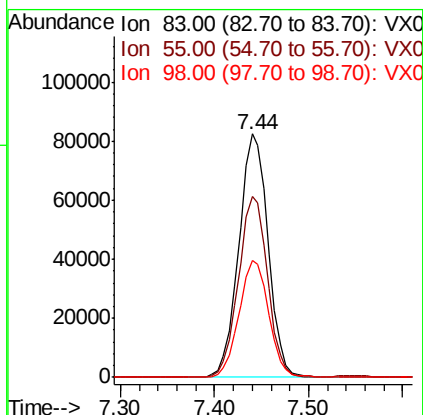
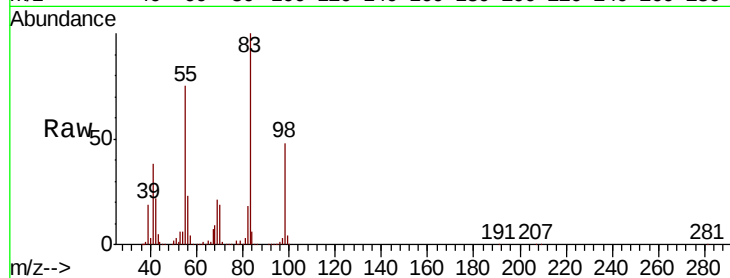




#39
Methvlcvclohexane
Concen: 47.320 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

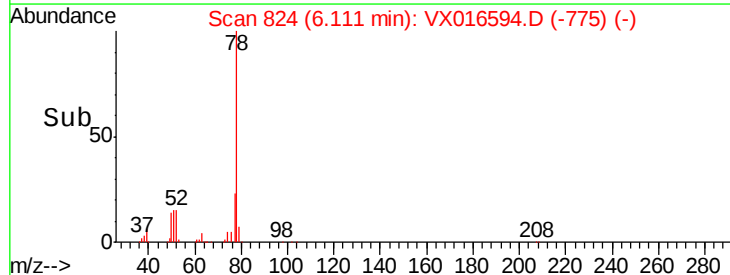
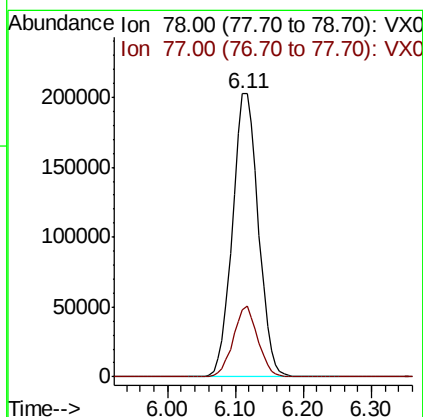
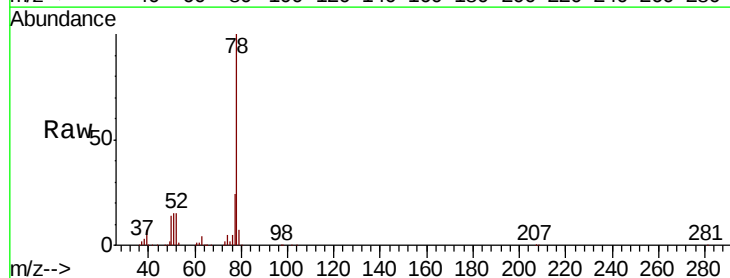
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 178580
Ion Ratio Lower Upper
83 100
55 74.5 61.7 92.5
98 48.2 38.7 58.1



#40
Benzene
Concen: 51.759 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion: 78 Resp: 535542
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

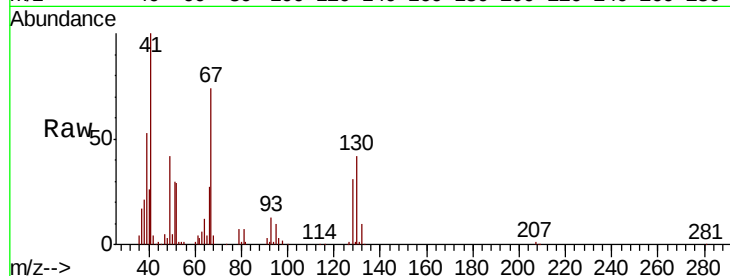




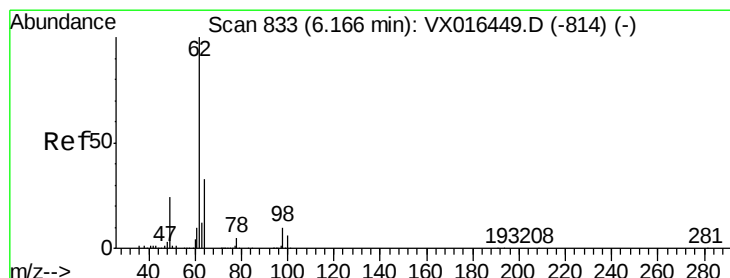
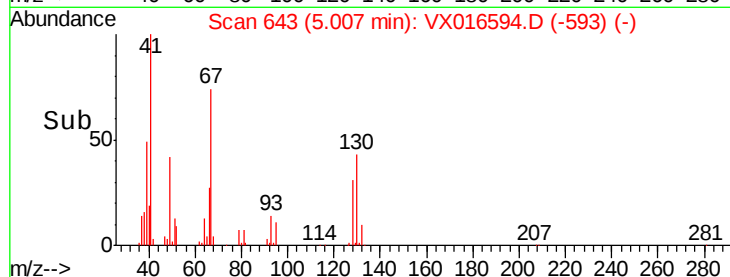
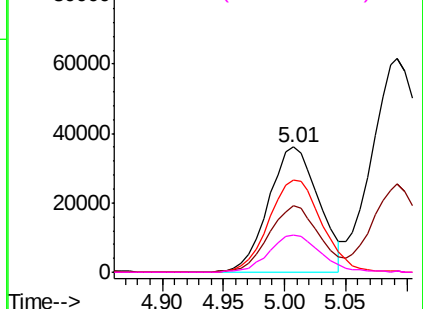
#41
Methacrylonitrile
Concen: 45.343 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	103895
Ion	Ratio	Lower	Upper
41	100		
39	53.5	43.0	64.4
67	77.6	58.9	88.3
52	30.0	23.1	34.7

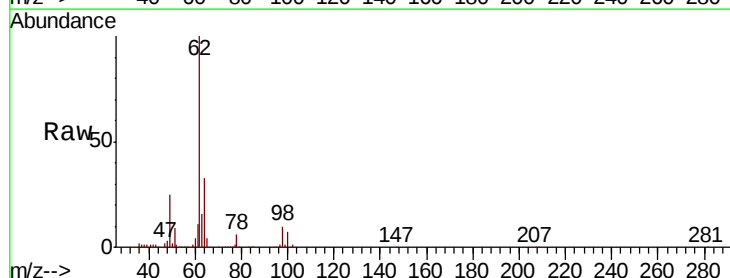


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

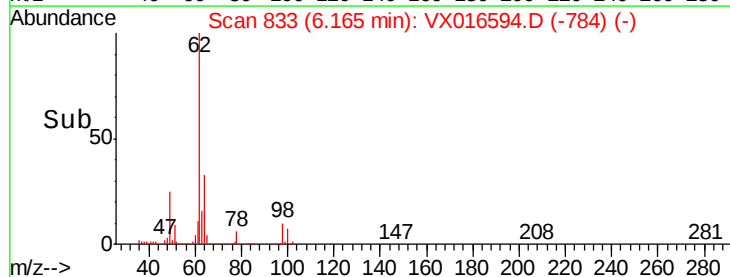
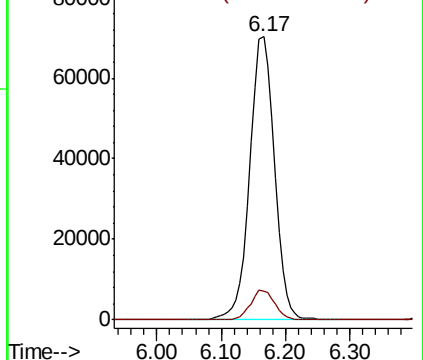


#42
1,2-Dichloroethane
Concen: 50.231 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion:	62	Resp:	184829
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8



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



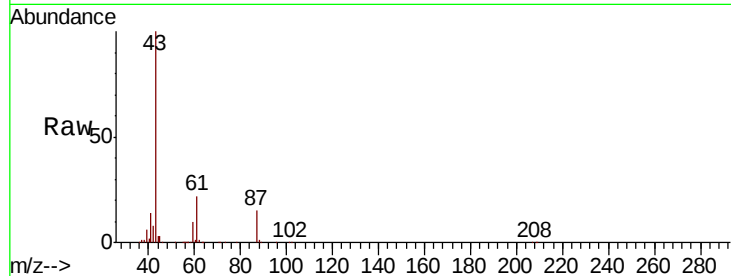


#43

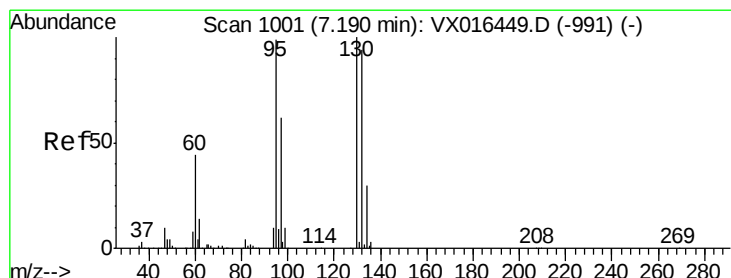
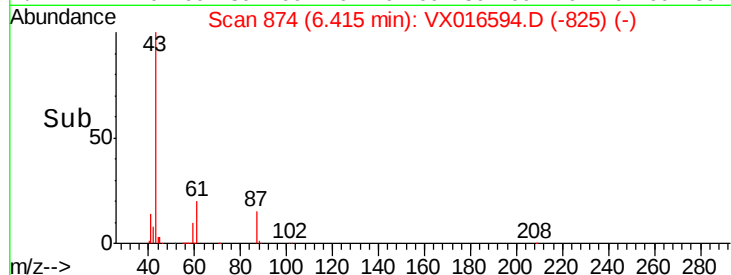
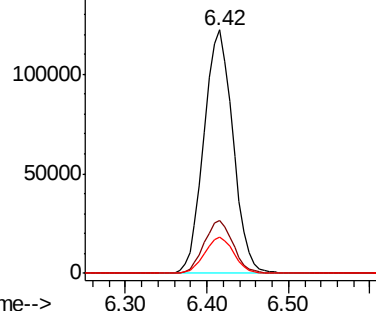
Isopropyl Acetate
 Concen: 46.206 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.6	16.8	25.2
87	14.8	11.2	16.8



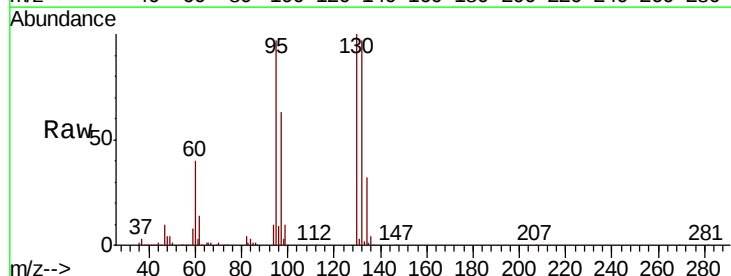
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



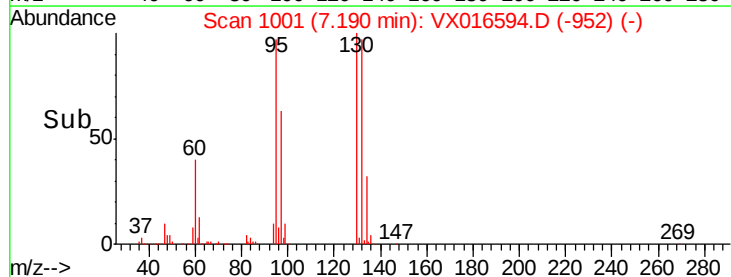
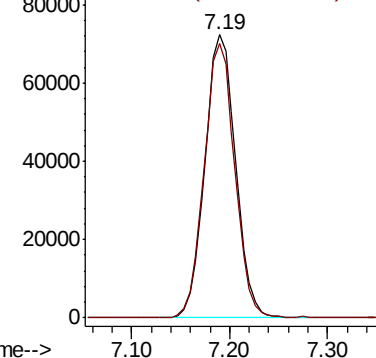
#44

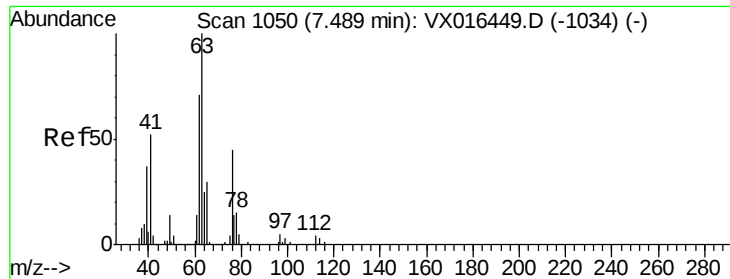
Trichloroethene
 Concen: 47.921 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	198.2



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

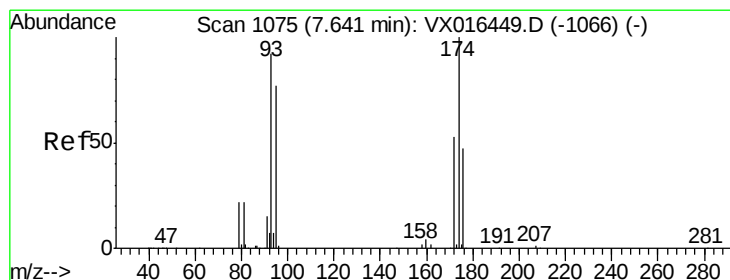
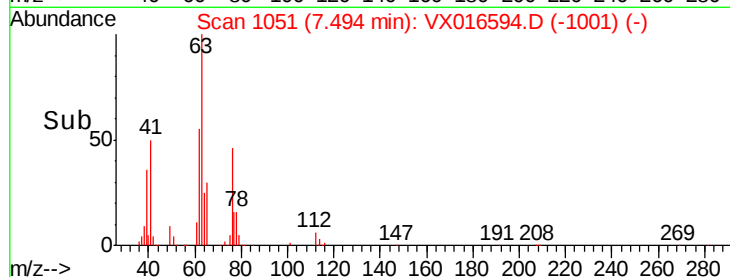
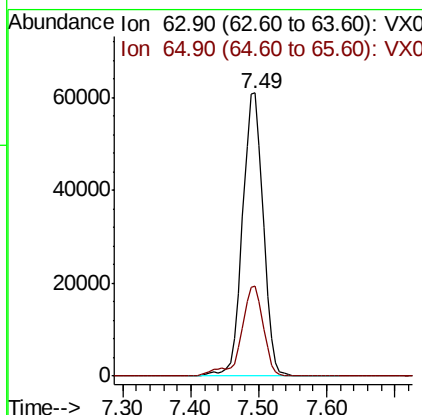
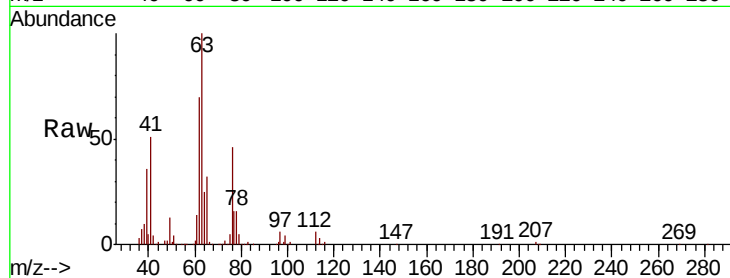




#45
 1,2-Dichloropropane
 Concen: 48.996 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

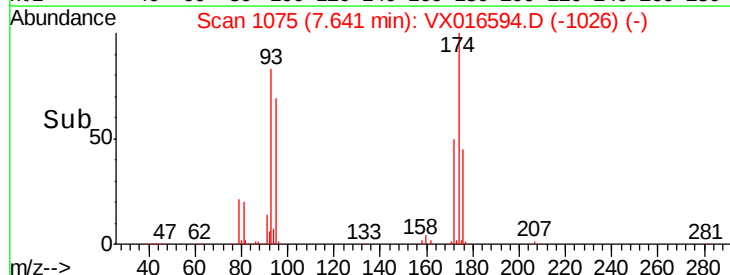
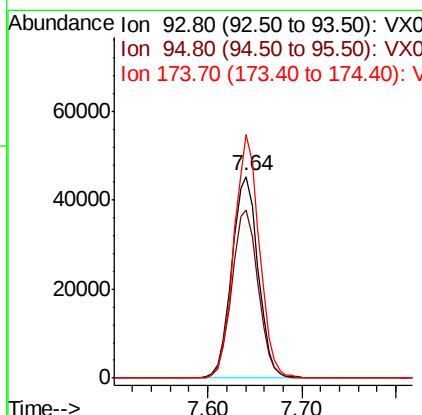
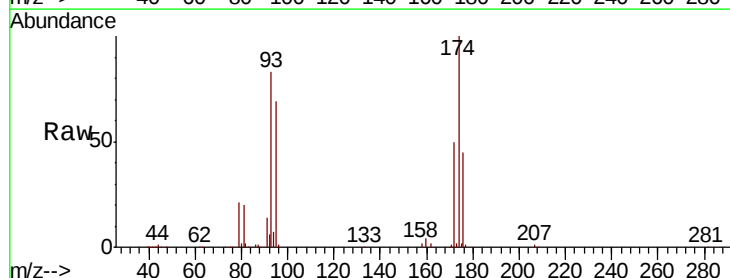
Instrument :
 MSVOA_X
 ClientSampleId :

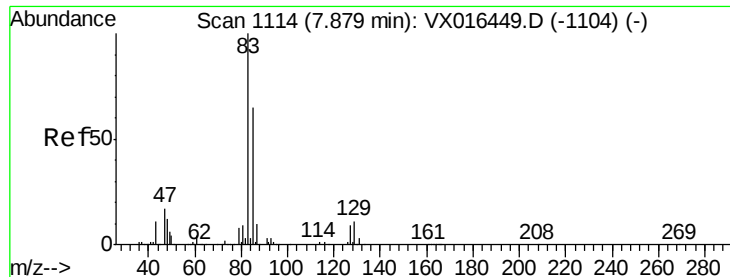
Tot Ion: 63 Resp: 129060
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.2 36.2



#46
 Dibromomethane
 Concen: 49.763 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Tgt Ion: 93 Resp: 88042
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.6 100.0
 174 116.8 86.2 129.4





#47

Bromodichloromethane

Concen: 51.312 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampled :

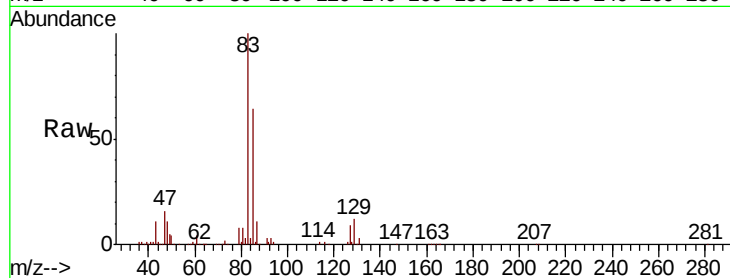
Tot Ion: 83 Resp: 187971

Ion Ratio Lower Upper

83 100

85 64.1 52.0 78.0

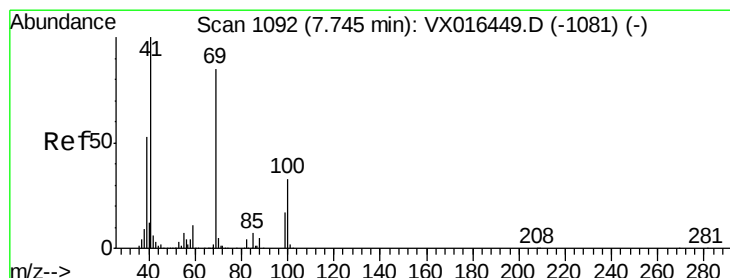
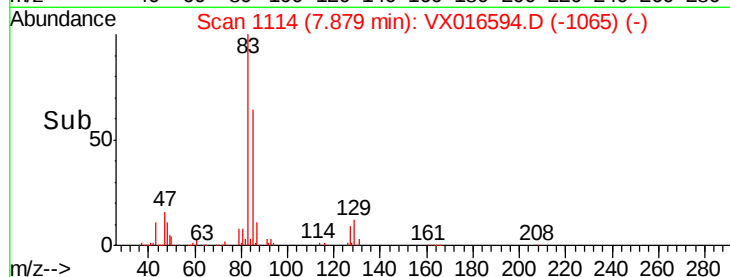
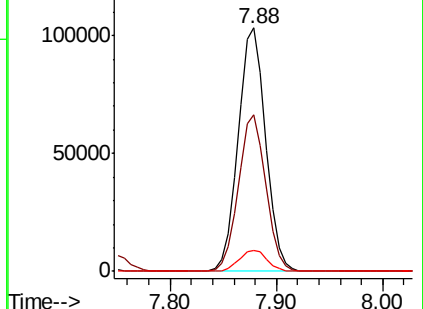
127 8.8 7.4 11.0



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: 47.146 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

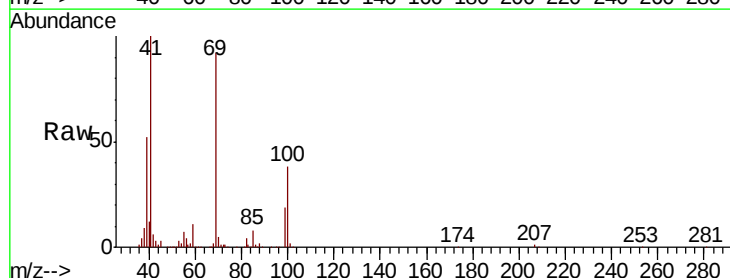
Tgt Ion: 41 Resp: 146878

Ion Ratio Lower Upper

41 100

69 90.5 68.6 102.8

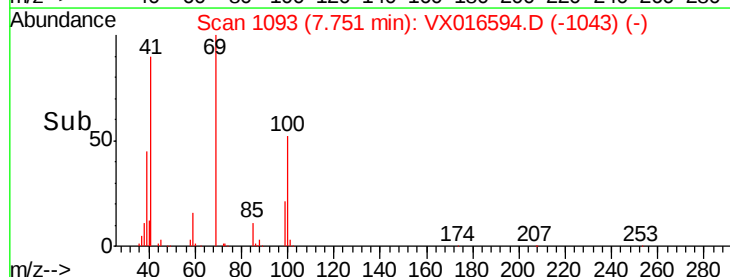
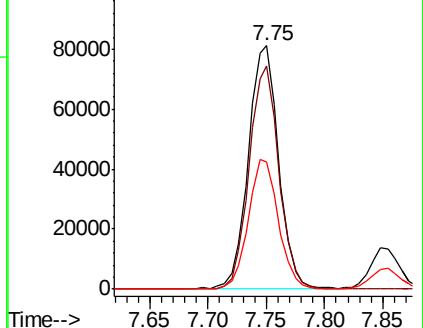
39 52.7 42.4 63.6

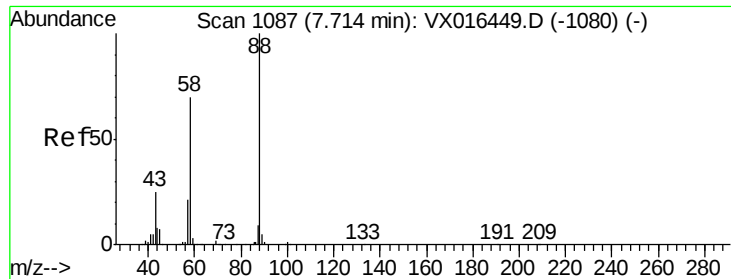


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

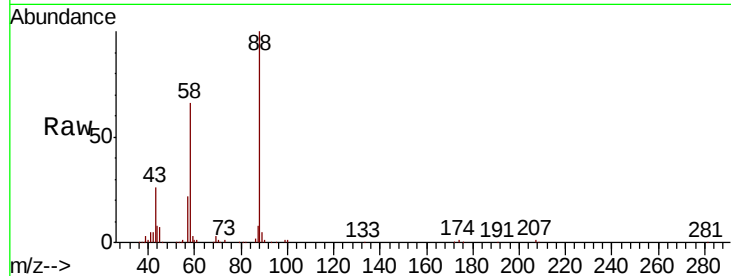




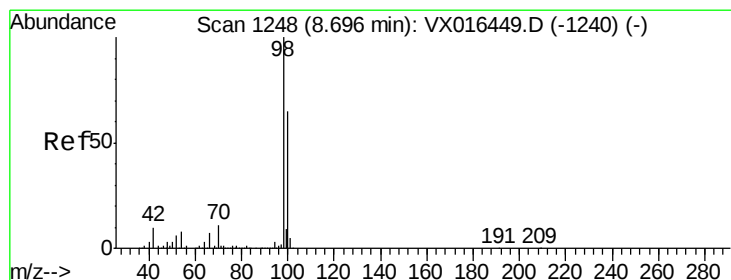
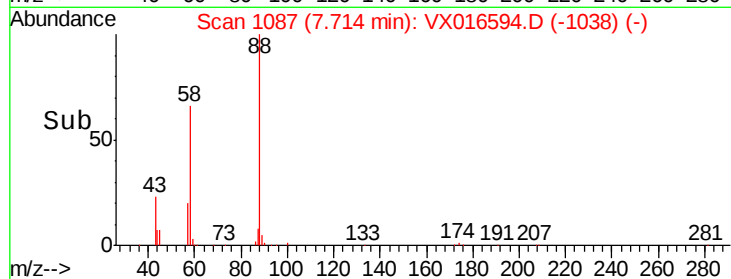
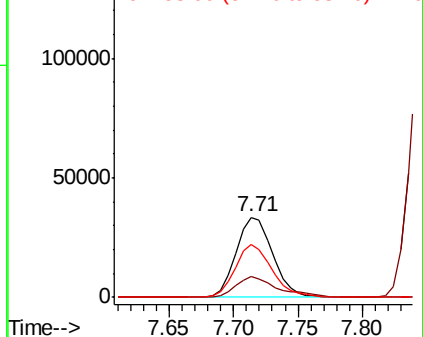
#49
1,4-Dioxane
Concen: 903.853 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	88	Resp	65898
Ion	Ratio	Lower	Upper
88	100		
43	29.2	24.2	36.4
58	66.7	56.5	84.7

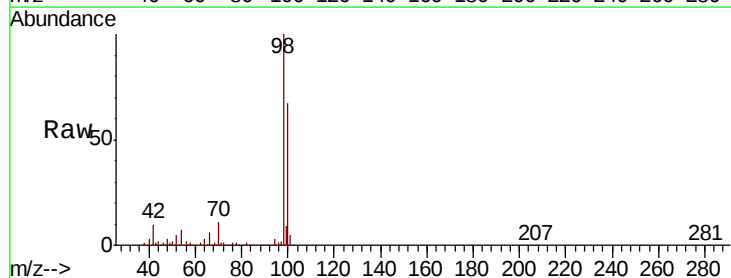


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

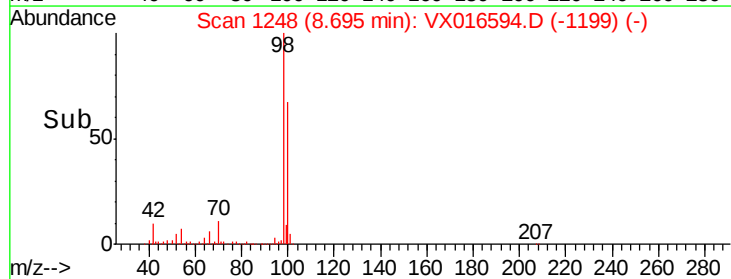
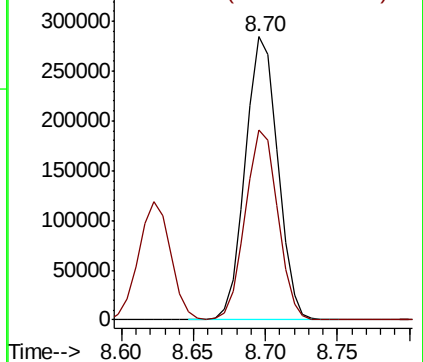


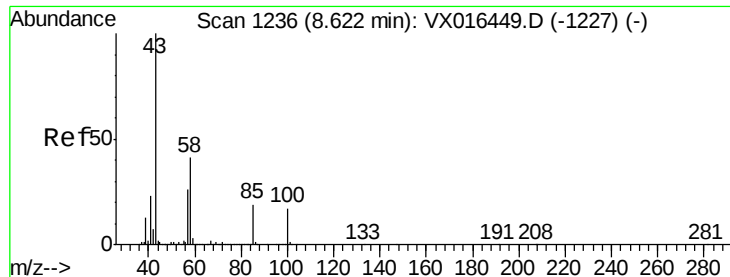
#50
Toluene-d8
Concen: 50.440 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	98	Resp	443613
Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.8	80.6



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

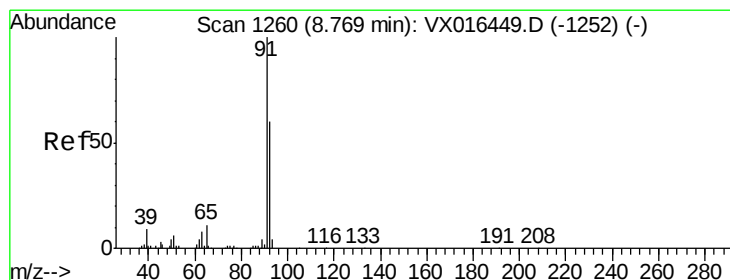
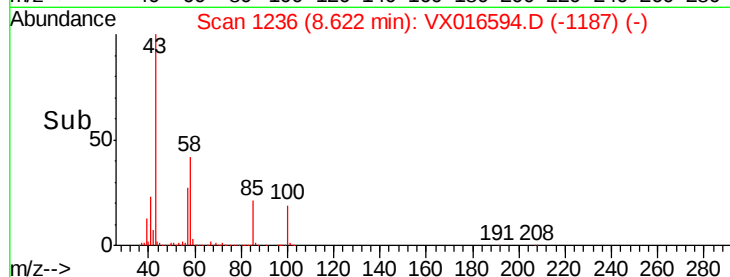
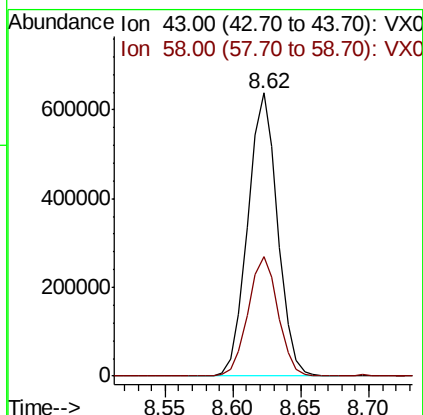
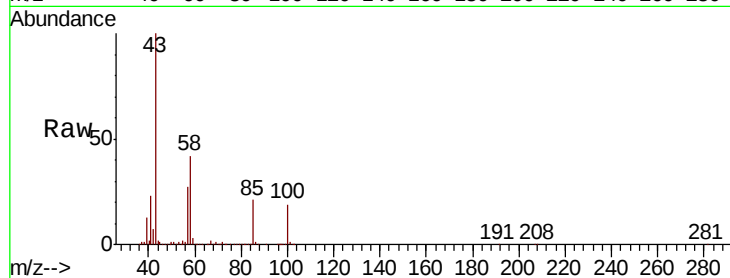




#51
4-Methyl-2-Pentanone
Concen: 242.083 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

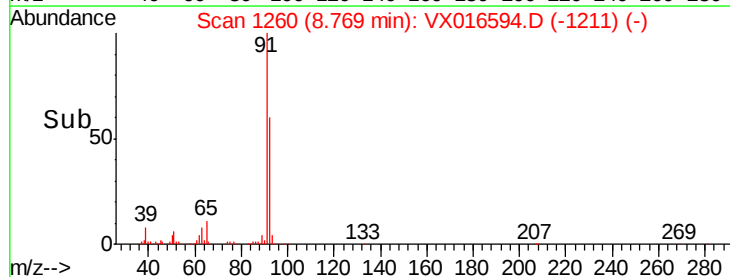
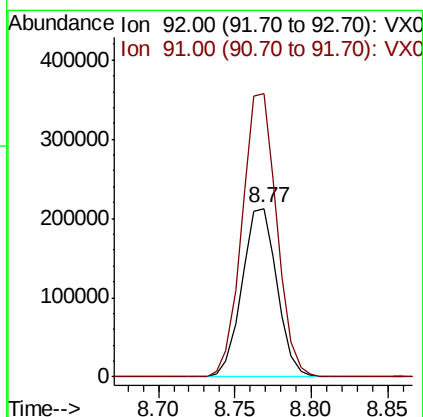
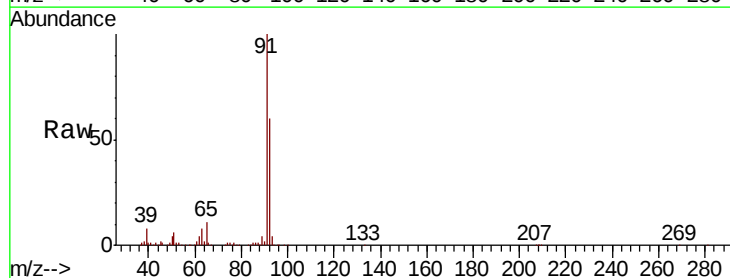
Instrument :
MSVOA_X
ClientSampleId :

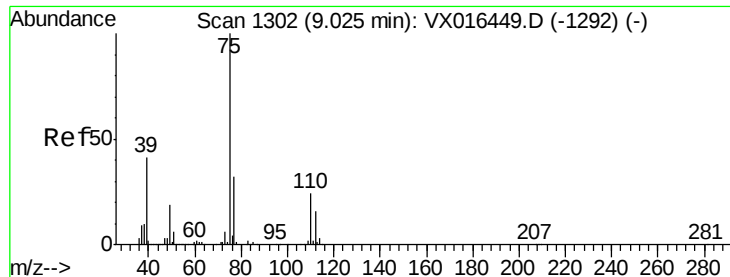
Tot Ion: 43 Resp: 980785
Ion Ratio Lower Upper
43 100
58 42.5 33.0 49.6



#52
Toluene
Concen: 51.556 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion: 92 Resp: 336387
Ion Ratio Lower Upper
92 100
91 167.8 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 51.049 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

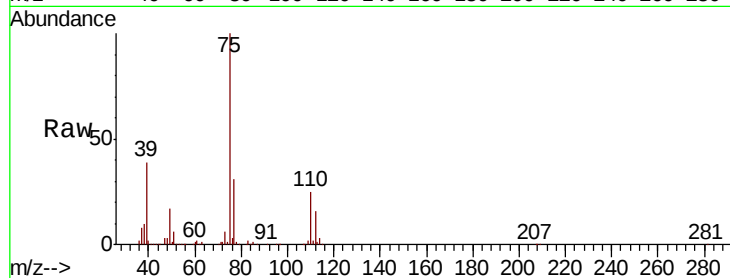
ClientSampleId :

Tot Ion: 75 Resp: 212648

Ion Ratio Lower Upper

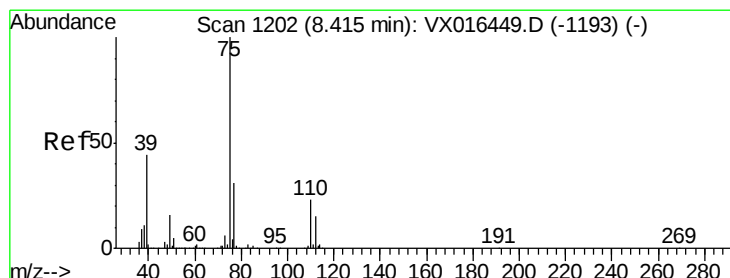
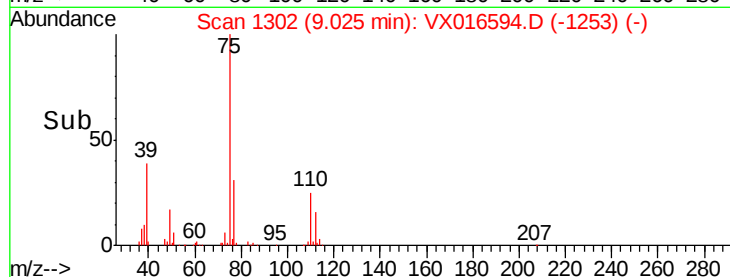
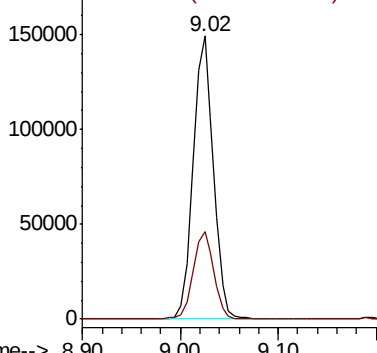
75 100

77 30.7 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 49.715 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

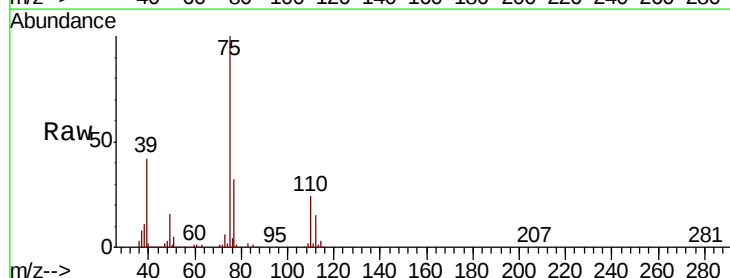
Tgt Ion: 75 Resp: 219200

Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

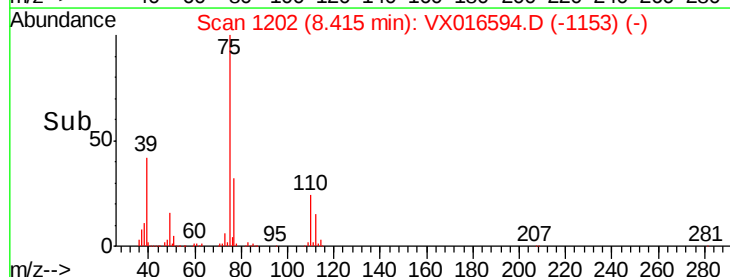
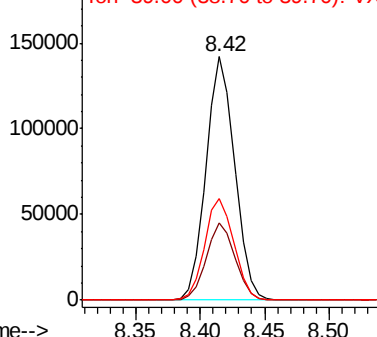
39 41.8 35.3 52.9

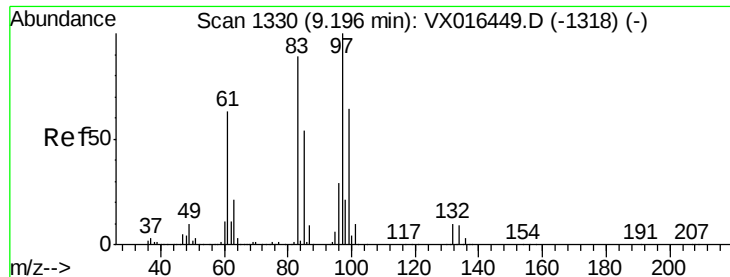


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

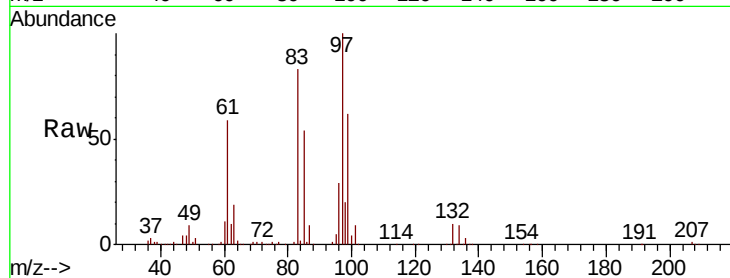




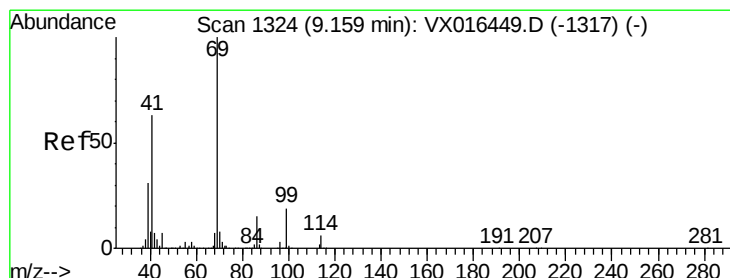
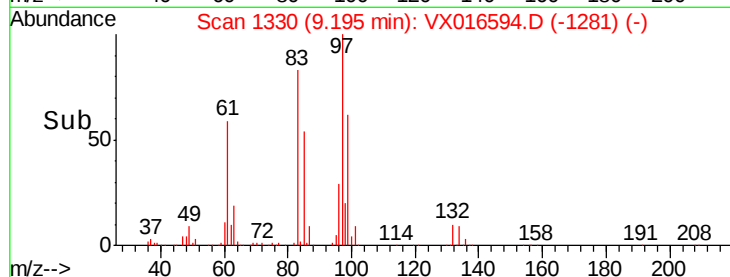
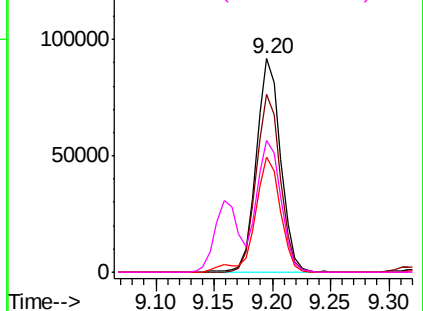
#55
1,1,2-Trichloroethane
Concen: 51.706 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	97	Resp:	134137
Ion	Ratio	Lower	Upper
97	100		
83	83.1	70.9	106.3
85	54.0	43.4	65.2
99	61.6	51.0	76.6

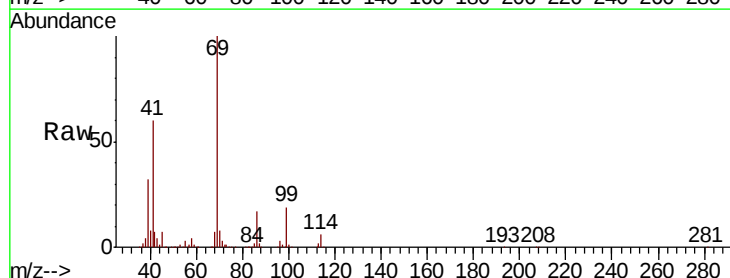


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

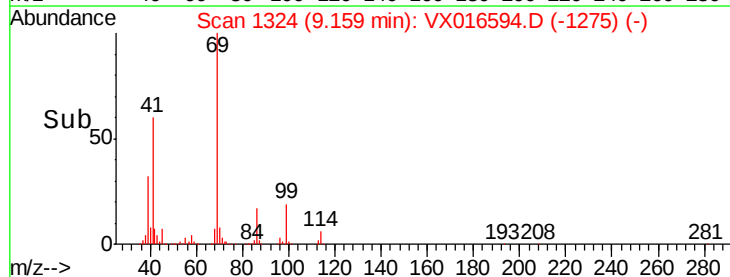
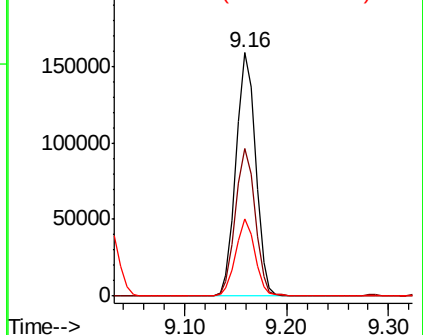


#56
Ethyl methacrylate
Concen: 49.978 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion:	69	Resp:	211155
Ion	Ratio	Lower	Upper
69	100		
41	60.8	50.7	76.1
39	31.0	25.8	38.6



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





#57

1,3-Dichloropropane

Concen: 50.582 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

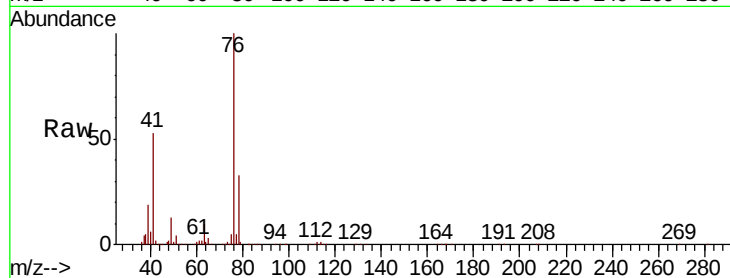
ClientSampleId :

Tot Ion: 76 Resp: 225234

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

150000

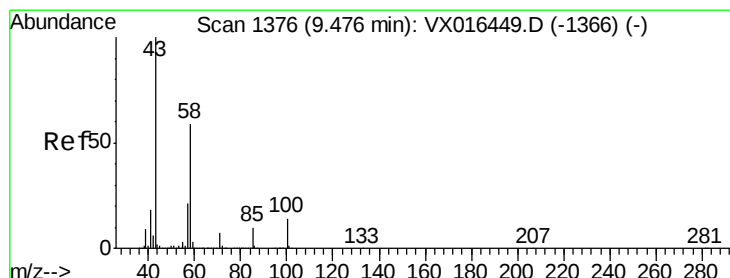
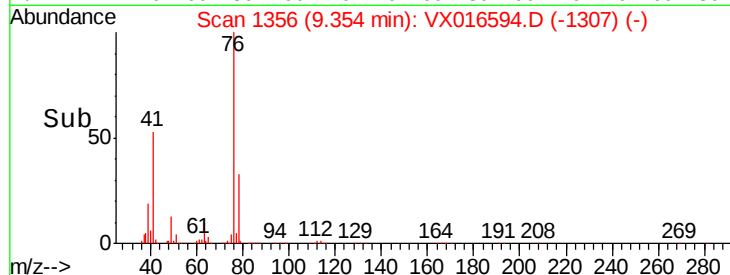
100000

50000

0

Time-->

9.30 9.35 9.40



#59

2-Hexanone

Concen: 241.759 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016594.D

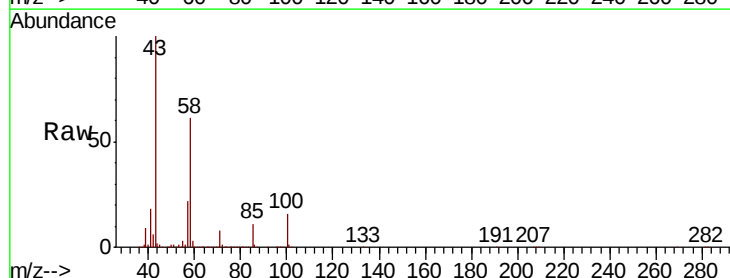
Acq: 04 Jun 2020 20:09

Tgt Ion: 43 Resp: 761694

Ion Ratio Lower Upper

43 100

58 59.6 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

600000

500000

400000

300000

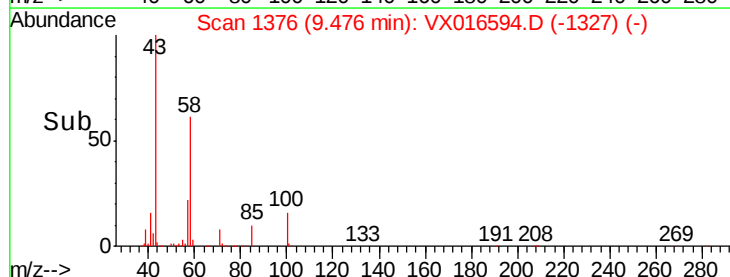
200000

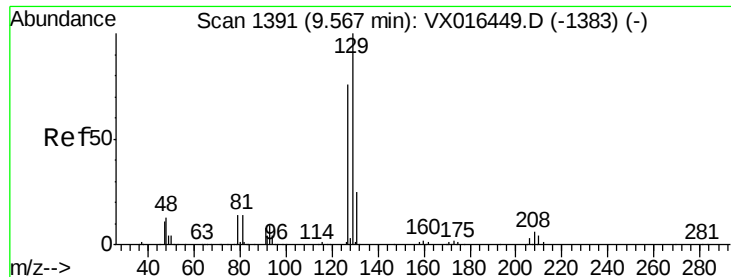
100000

0

Time-->

9.40 9.50 9.60





#60

Dibromochloromethane

Concen: 53.625 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

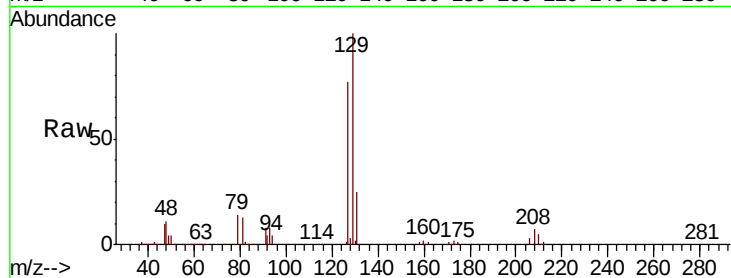
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 156553

Ion Ratio Lower Upper

129 100

127 77.2 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

120000

100000

80000

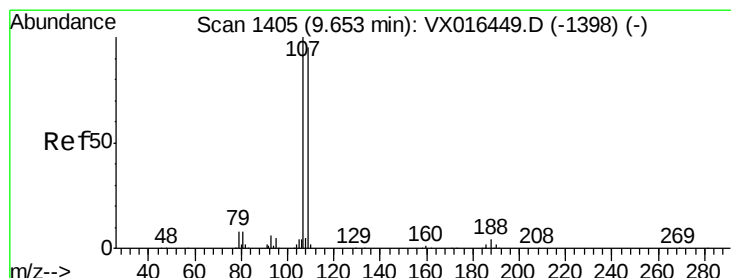
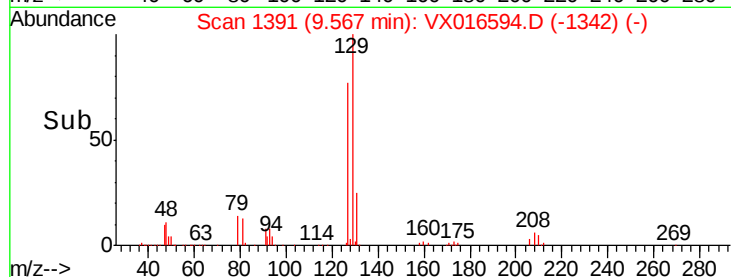
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 51.271 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016594.D

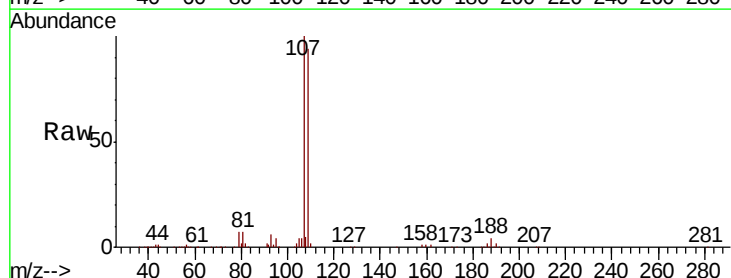
Acq: 04 Jun 2020 20:09

Tgt Ion:107 Resp: 142431

Ion Ratio Lower Upper

107 100

109 94.5 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

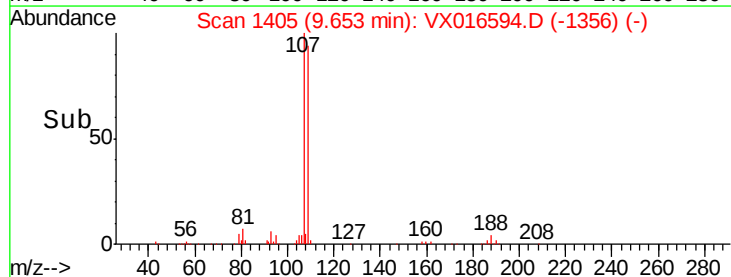
60000

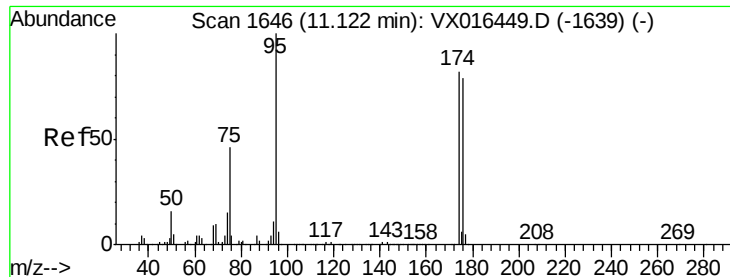
40000

20000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 50.732 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

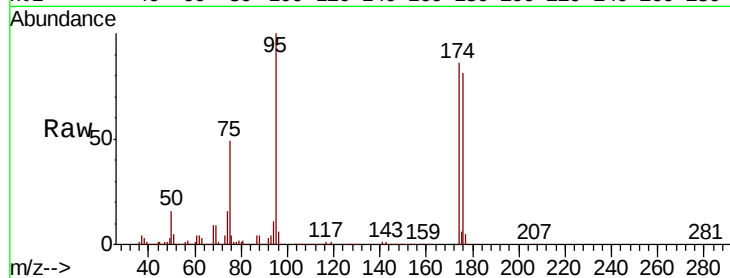
Tot Ion: 95 Resp: 172401

Ion Ratio Lower Upper

95 100

174 83.8 0.0 163.0

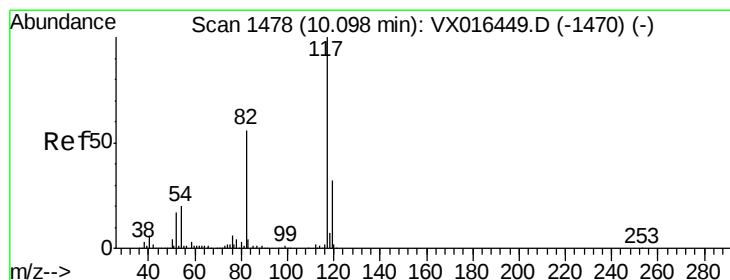
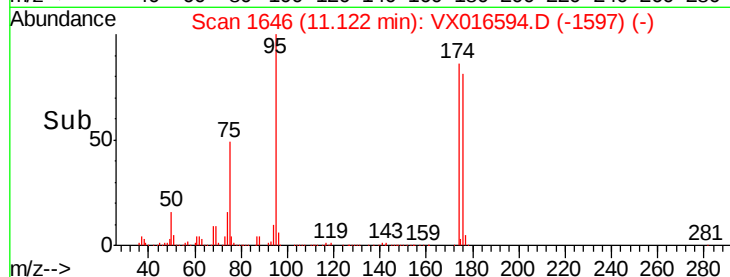
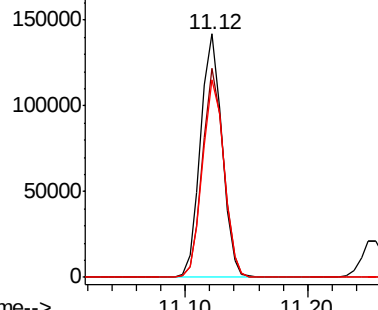
176 81.4 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016449.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016449.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016449.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

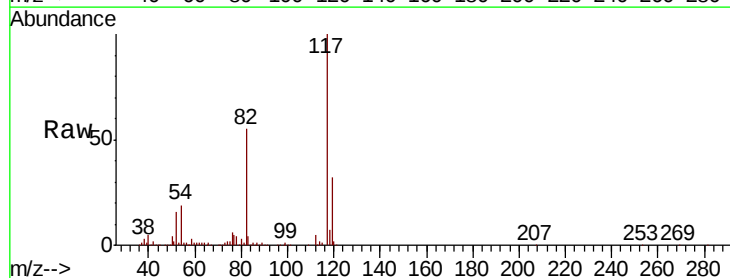
Tgt Ion: 117 Resp: 346287

Ion Ratio Lower Upper

117 100

82 55.2 45.0 67.6

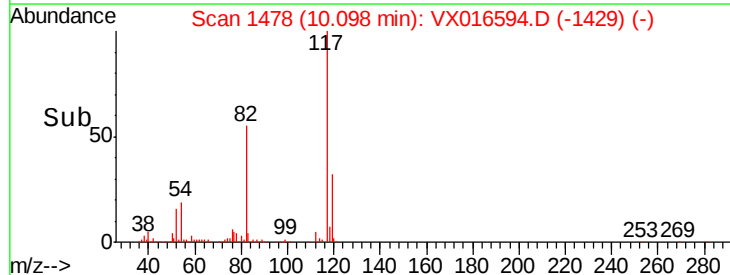
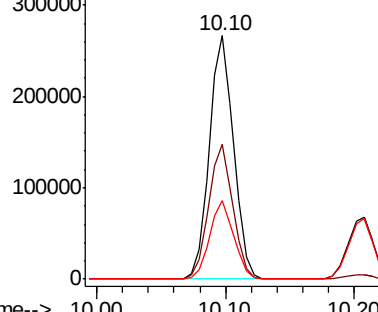
119 32.3 25.8 38.8

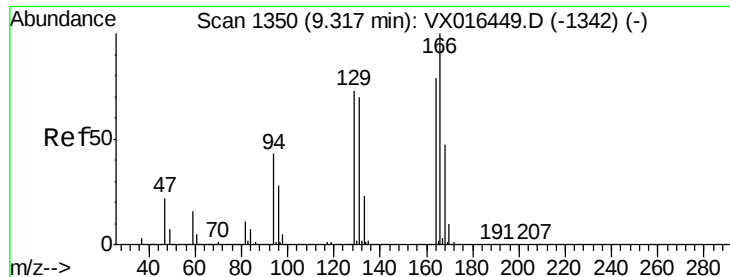


Abundance Ion 116.90 (116.60 to 117.60): VX016449.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016449.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016449.D (-1470) (-)





#64

Tetrachloroethene

Concen: 44.641 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 172950

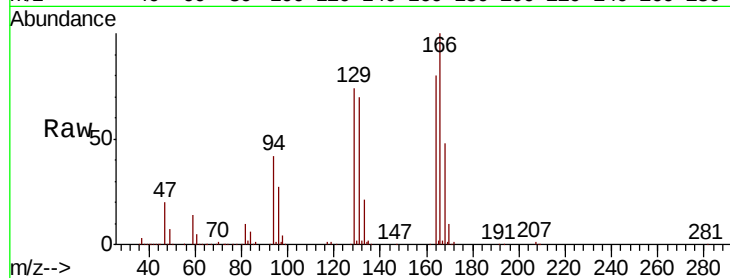
Ion Ratio Lower Upper

164 100

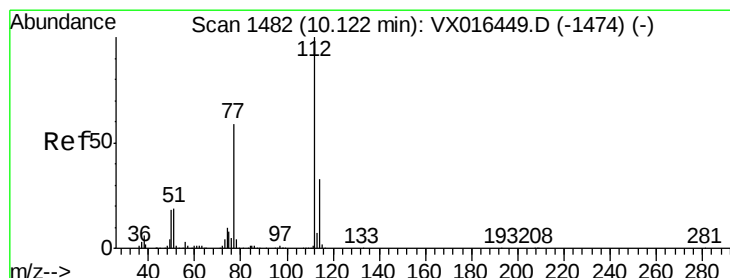
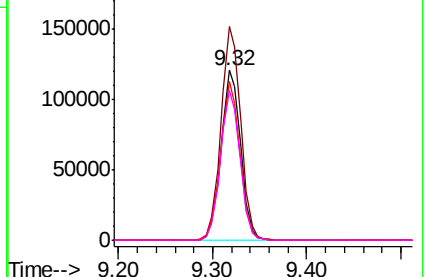
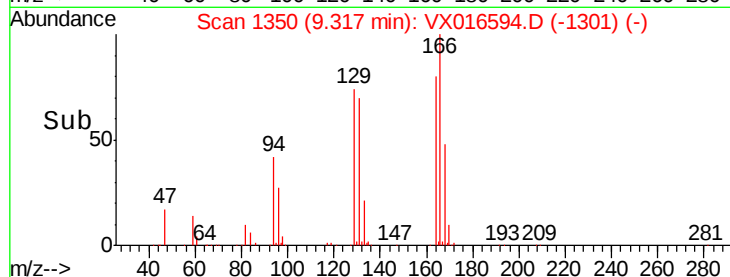
166 125.7 100.9 151.3

129 93.5 73.2 109.8

131 88.1 70.8 106.2



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



#65

Chlorobenzene

Concen: 128.208 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016594.D

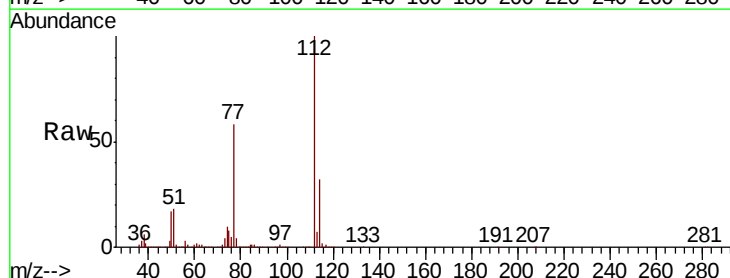
Acq: 04 Jun 2020 20:09

Tgt Ion:112 Resp: 905130

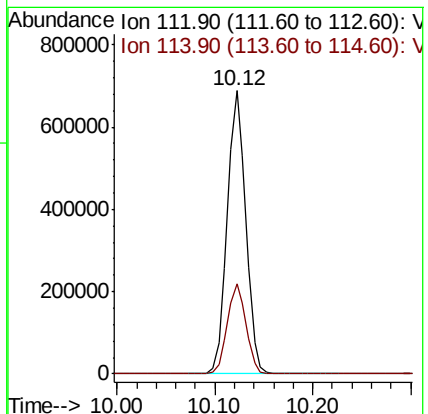
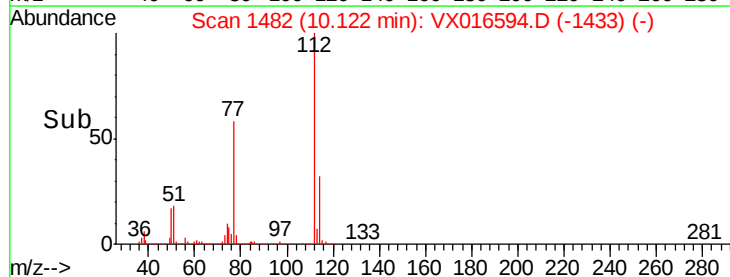
Ion Ratio Lower Upper

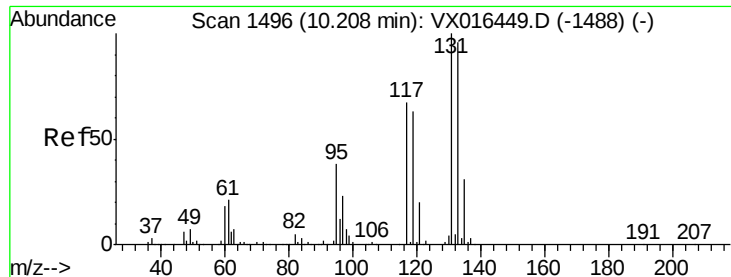
112 100

114 31.9 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

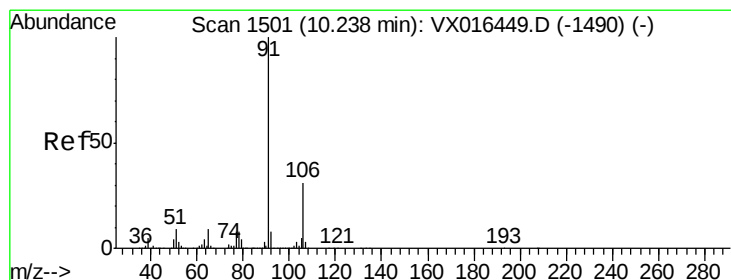
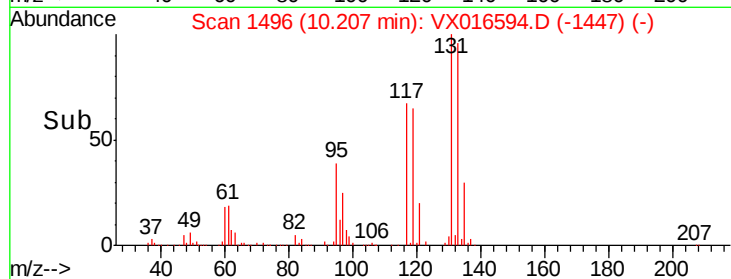
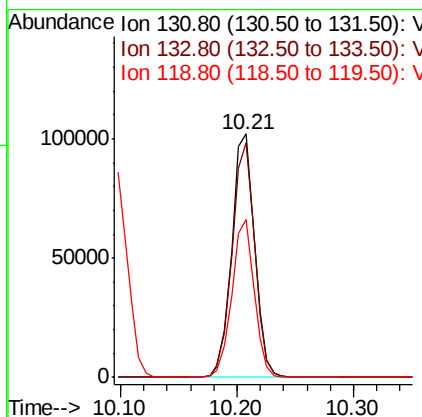
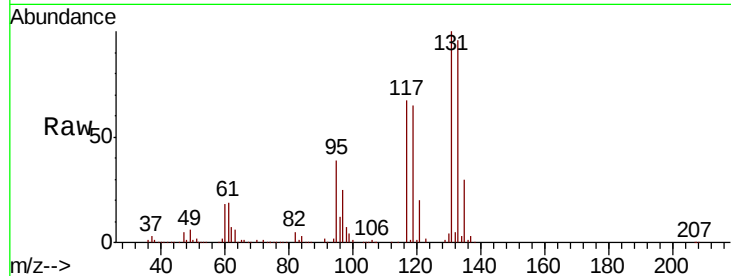




#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.912 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

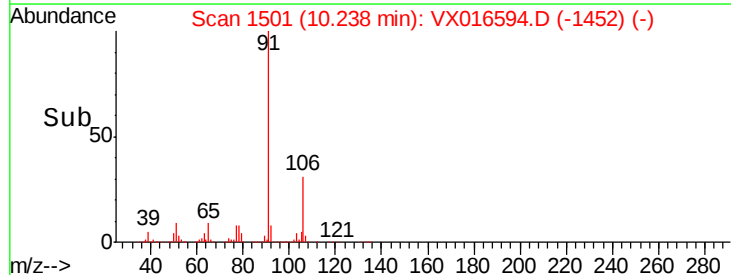
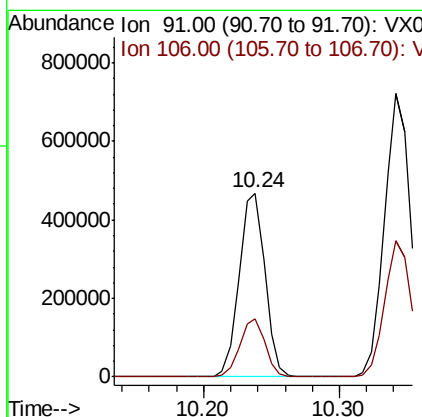
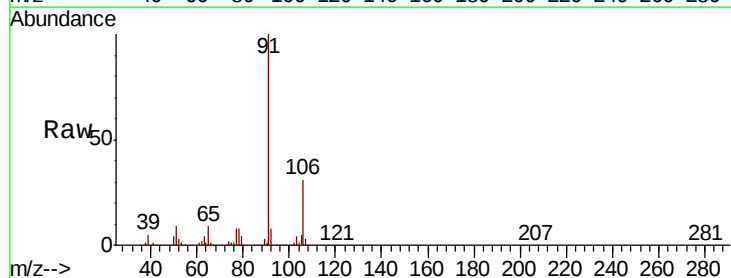
Instrument :
 MSVOA_X
 ClientSampleId :

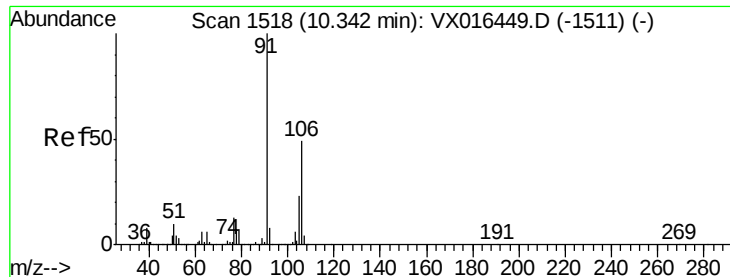
Tot Ion	Ratio	Lower	Upper
131	100		
133	95.8	48.4	145.3
119	63.8	32.0	96.2



#67
 Ethyl Benzene
 Concen: 49.326 ug/l
 RT: 10.24 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.0	37.4

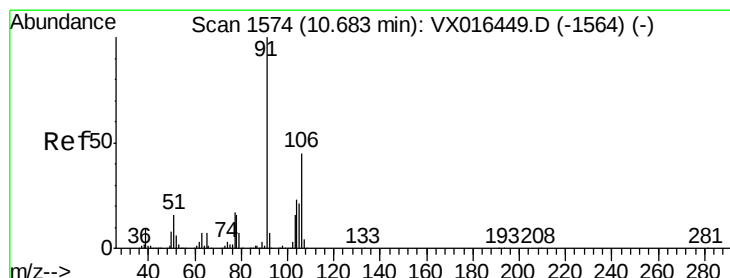
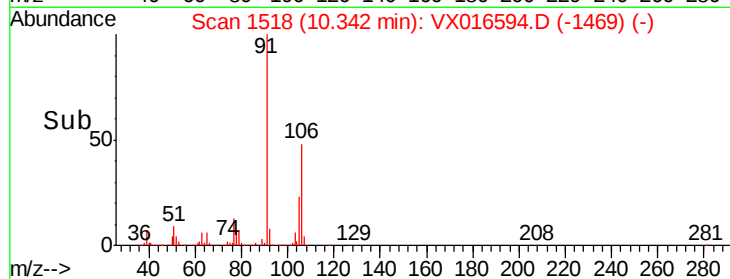
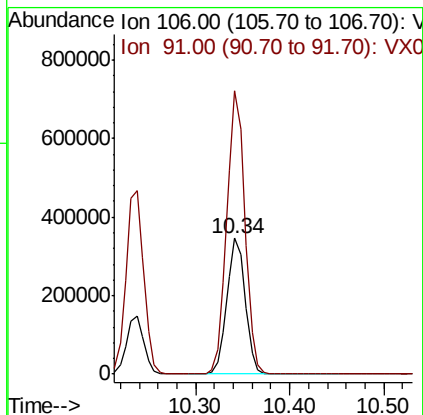
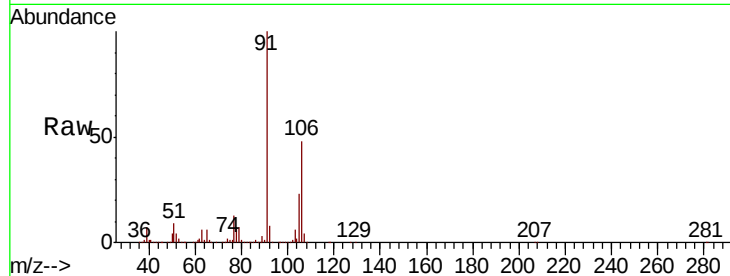




#68
m/p-Xvlenes
Concen: 100.391 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

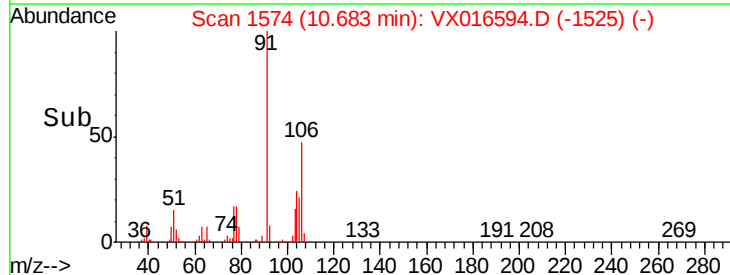
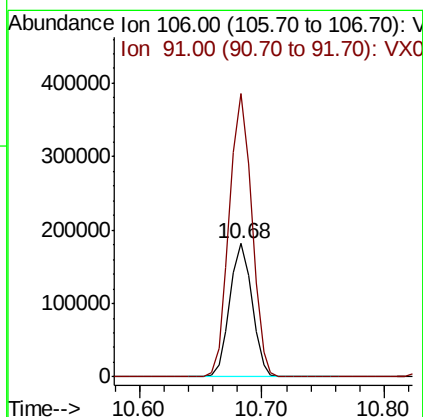
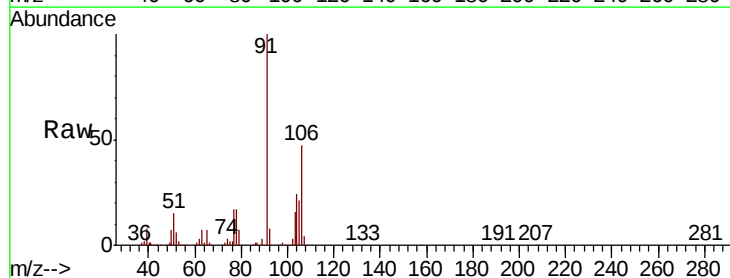
Instrument :
MSVOA_X
ClientSampleId :

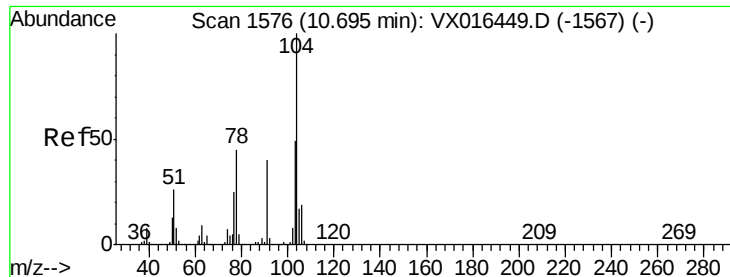
Tot Ion:106 Resp: 467865
Ion Ratio Lower Upper
106 100
91 206.3 163.8 245.8



#69
o-Xylene
Concen: 50.943 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion:106 Resp: 229924
Ion Ratio Lower Upper
106 100
91 214.2 109.6 328.8

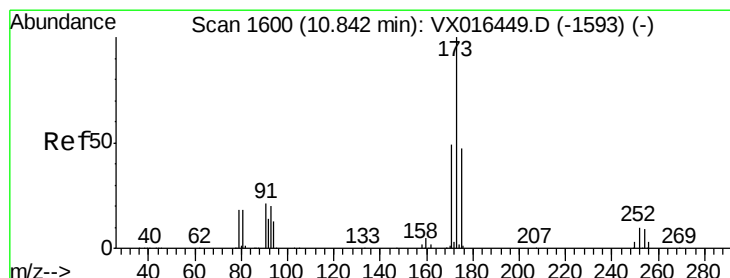
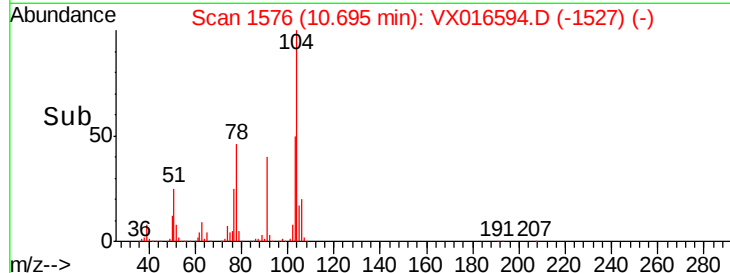
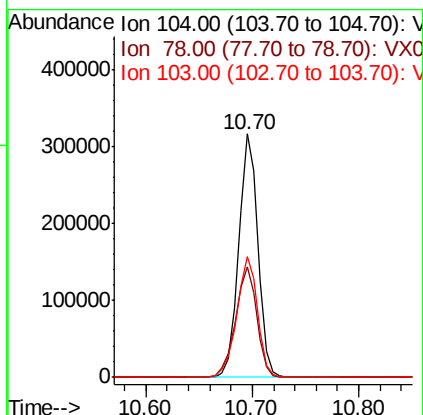
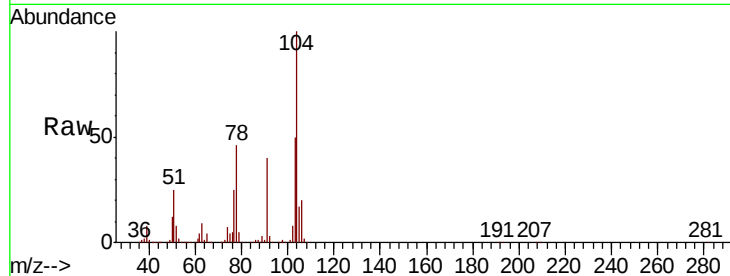




#70
Stvrene
Concen: 51.645 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

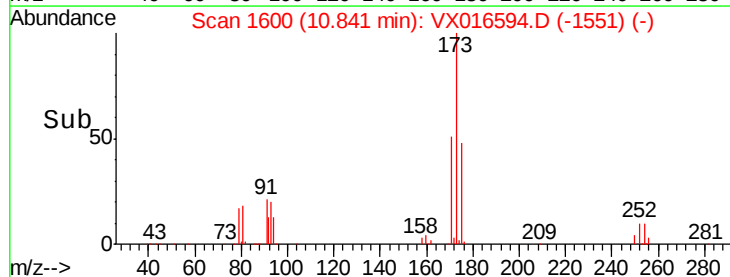
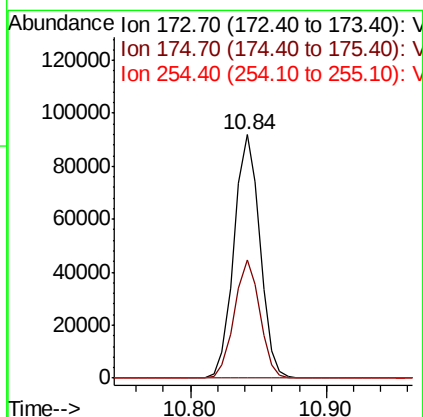
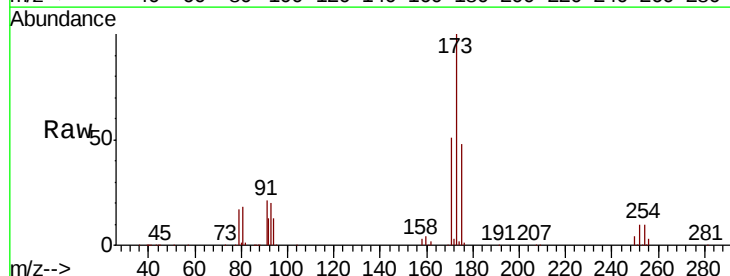
Instrument :
MSVOA_X
ClientSampleId :

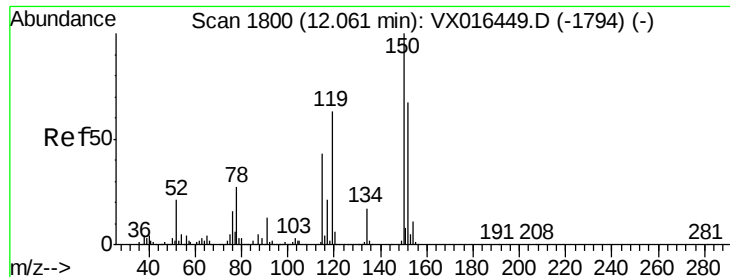
Tot Ion	Ratio	Lower	Upper
104	100		
78	50.6	40.2	60.2
103	53.8	43.1	64.7



#71
Bromoform
Concen: 53.534 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.7	23.9	71.7
254	0.1	0.1	0.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

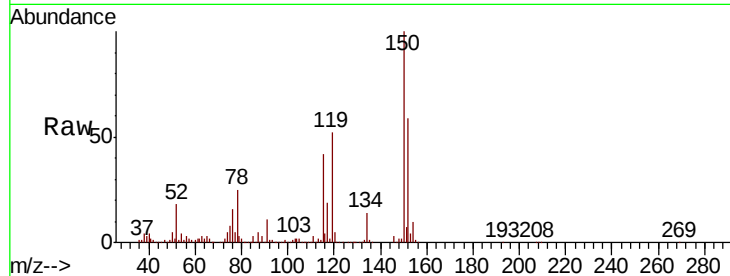
Tot Ion:152 Resp: 174316

Ion Ratio Lower Upper

152 100

115 81.1 39.9 119.6

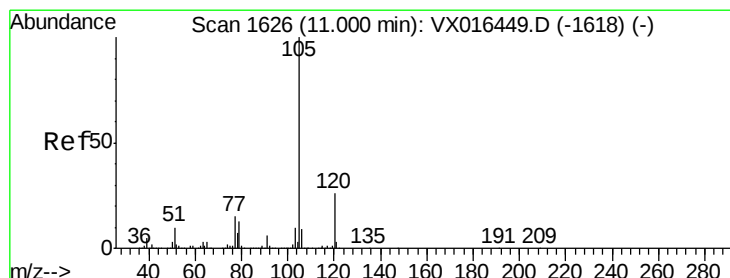
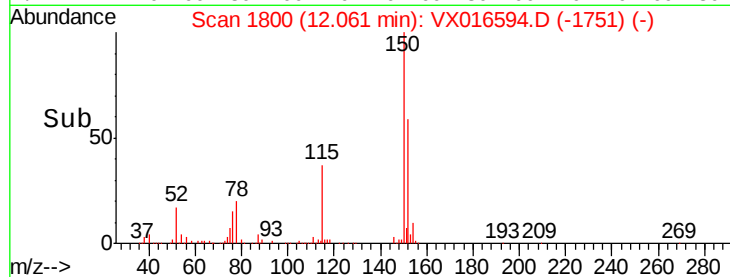
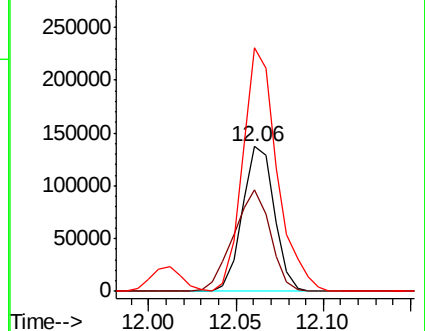
150 180.2 0.0 341.0



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: 49.541 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016594.D

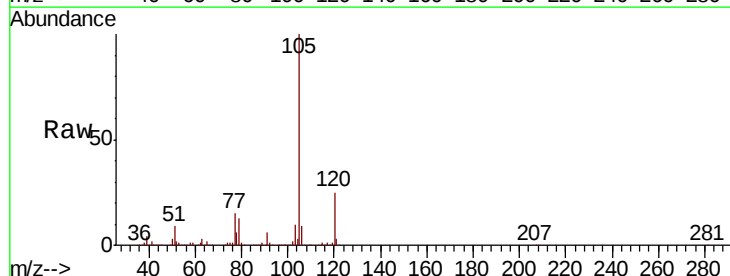
Acq: 04 Jun 2020 20:09

Tgt Ion:105 Resp: 598359

Ion Ratio Lower Upper

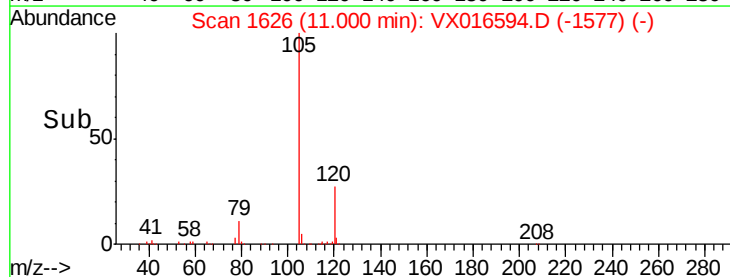
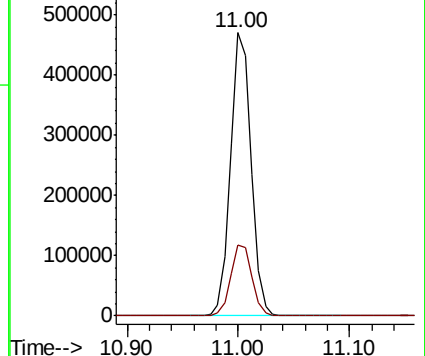
105 100

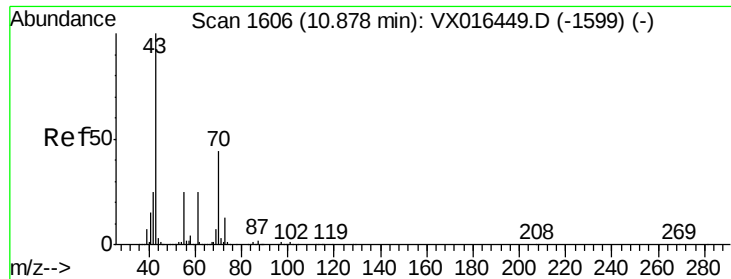
120 26.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

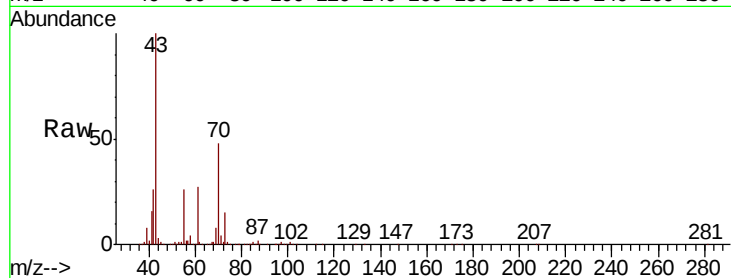




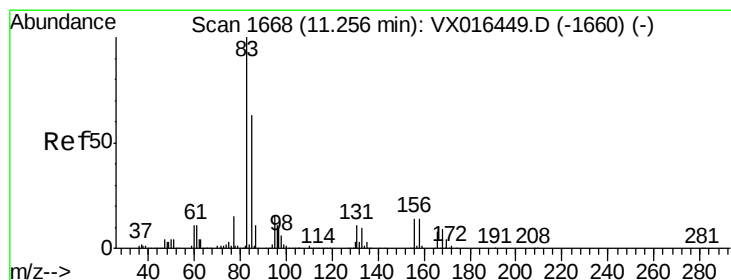
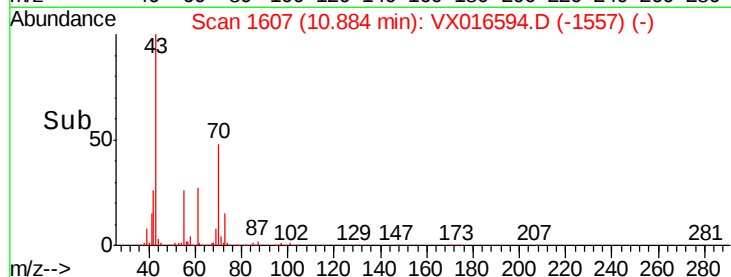
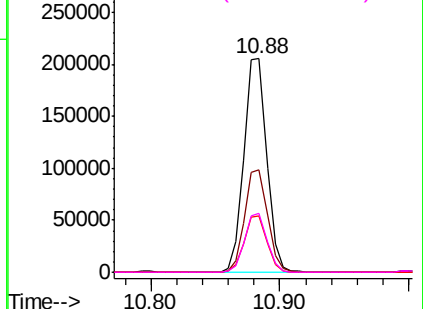
#74
N-amvl acetate
Concen: 45.231 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	43	Resp:	251283
Ion	Ratio	Lower	Upper
43	100		
70	47.9	36.1	54.1
55	26.5	20.2	30.4
61	26.9	20.3	30.5

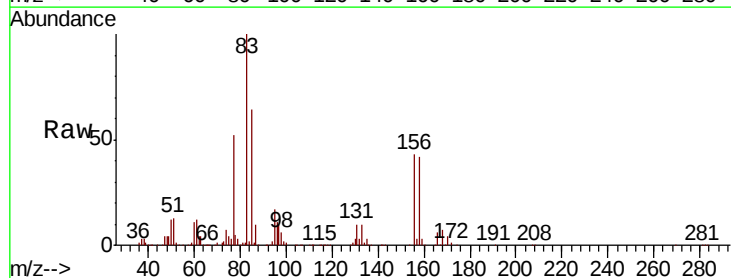


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0

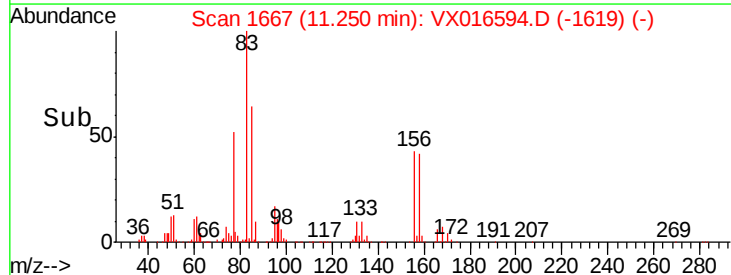
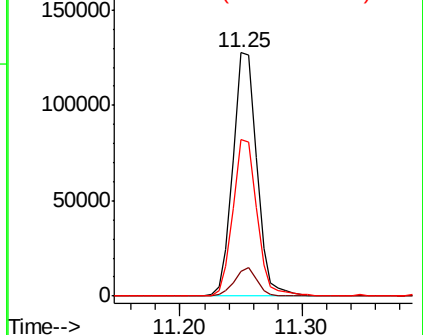


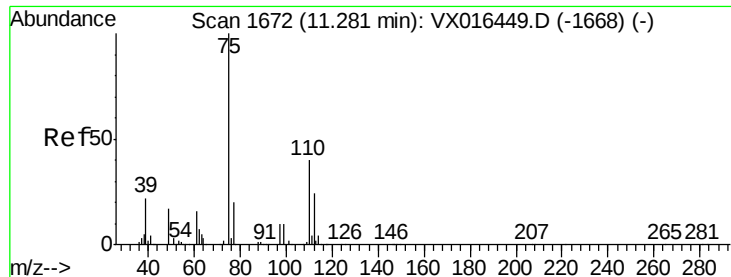
#75
1,1,2,2-Tetrachloroethane
Concen: 56.894 ug/l
RT: 11.25 min Scan# 1667
Delta R.T. -0.01 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion:	83	Resp:	172217
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.1	15.3
85	64.5	32.0	96.2



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

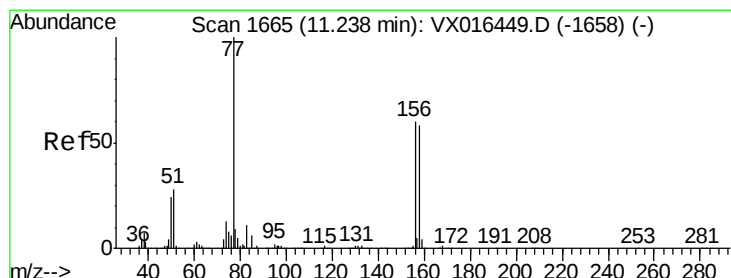
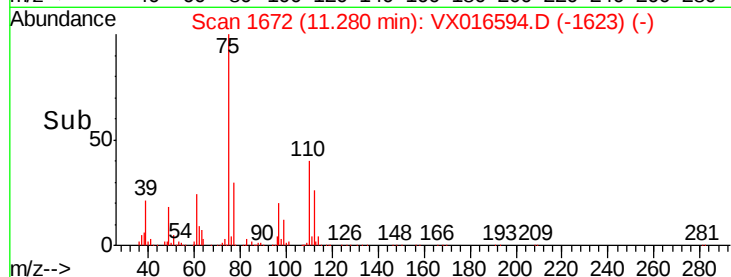
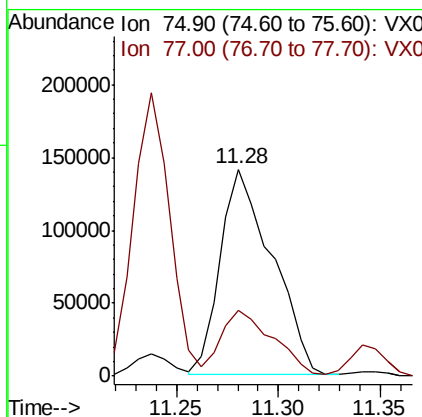
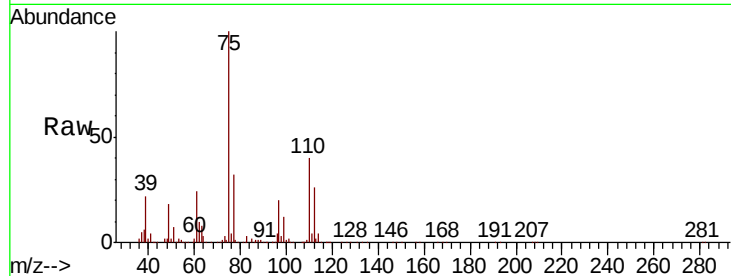




#76
 1,2,3-Trichloropropane
 Concen: 64.922 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

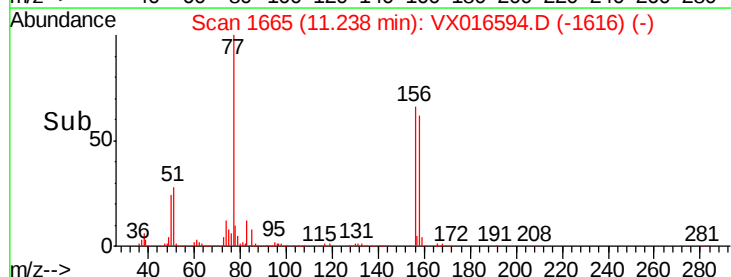
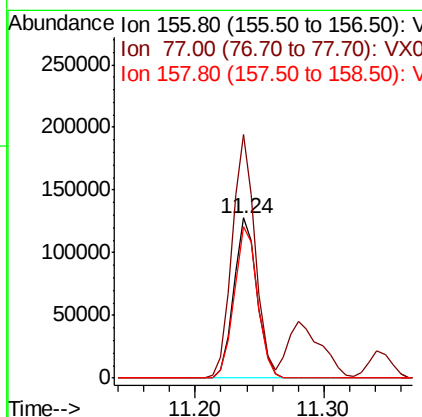
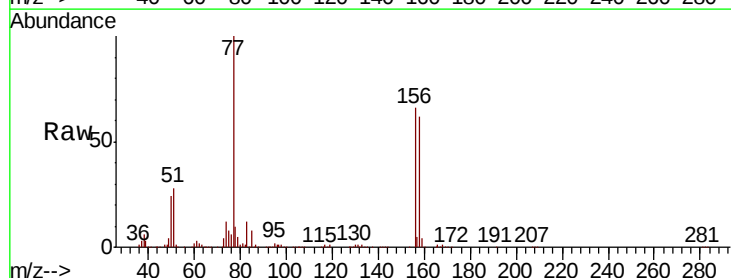
Instrument :
 MSVOA_X
 ClientSampleId :

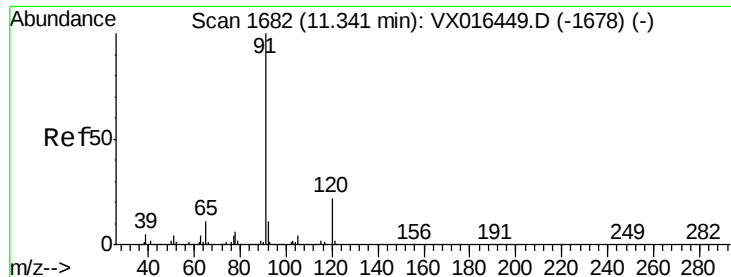
Tot Ion: 75 Resp: 248754
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.3 63.7



#77
 Bromobenzene
 Concen: 50.823 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Tgt Ion: 156 Resp: 161000
 Ion Ratio Lower Upper
 156 100
 77 151.1 79.6 238.8
 158 94.9 48.1 144.4





#78

n-propylbenzene

Concen: 48.960 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

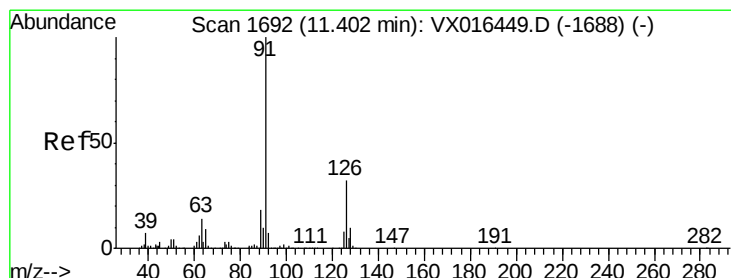
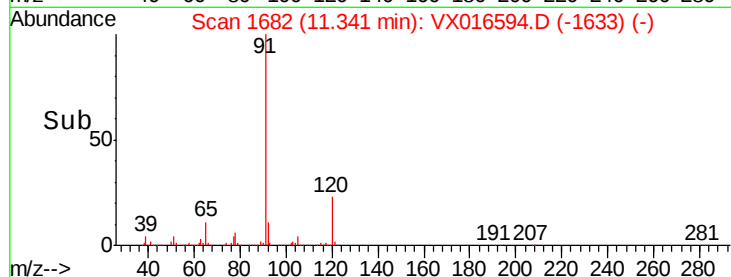
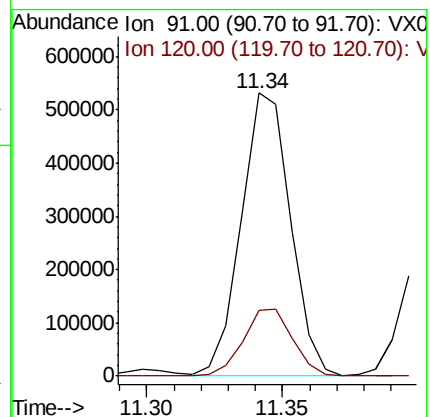
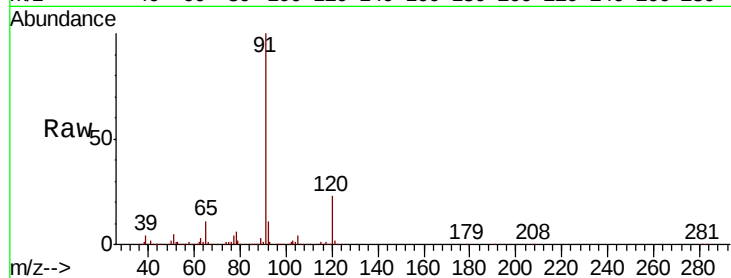
ClientSampled :

Tot Ion: 91 Resp: 660652

Ion Ratio Lower Upper

91 100

120 24.0 11.6 34.7



#79

2-Chlorotoluene

Concen: 49.853 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016594.D

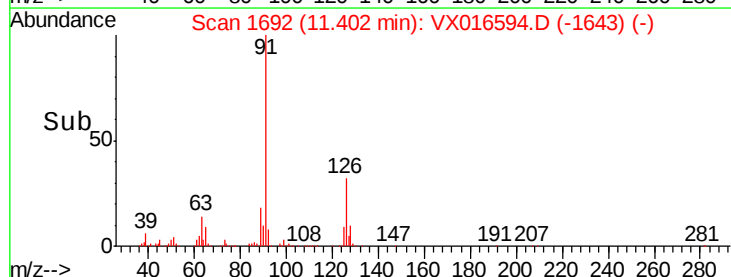
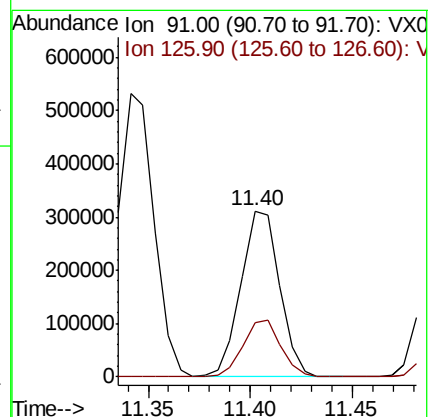
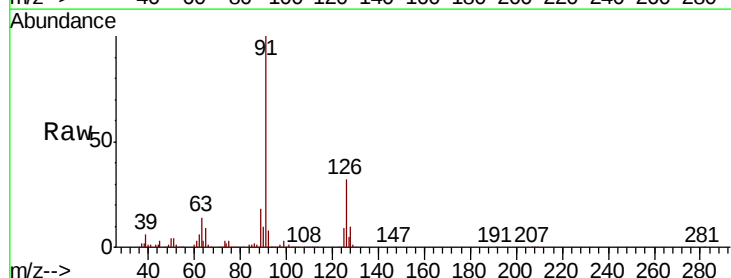
Acq: 04 Jun 2020 20:09

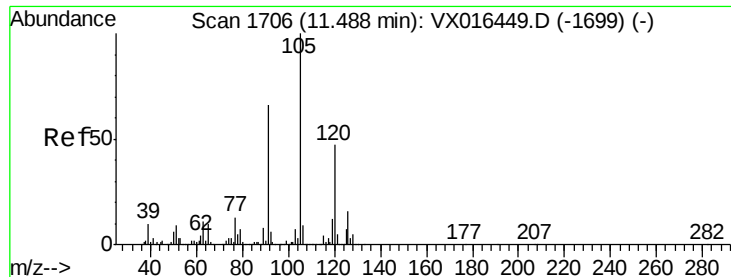
Tgt Ion: 91 Resp: 410620

Ion Ratio Lower Upper

91 100

126 33.7 16.8 50.3

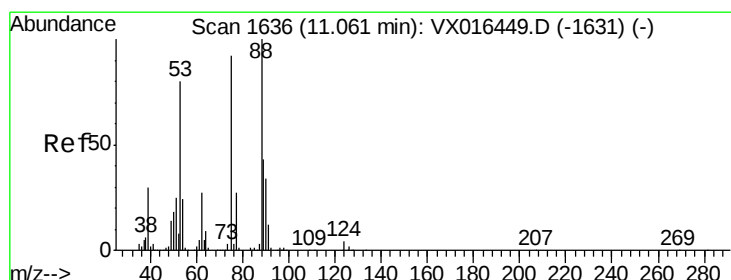
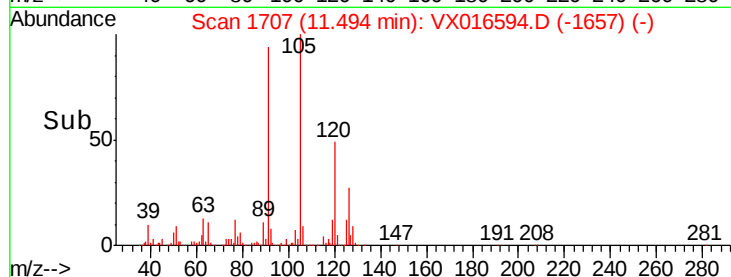
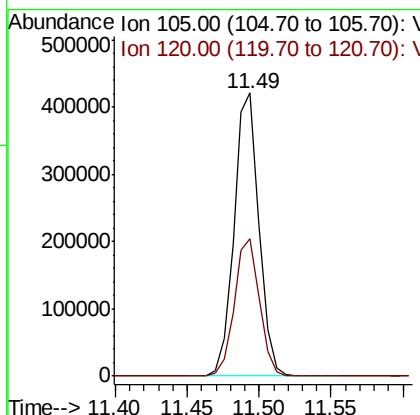
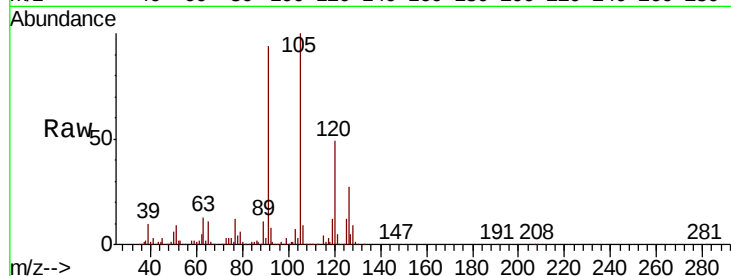




#80
 1,3,5-Trimethylbenzene
 Concen: 50.368 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

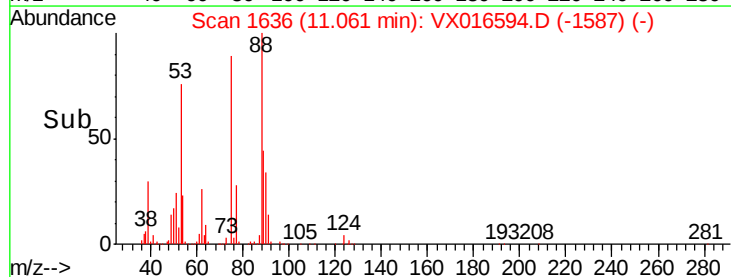
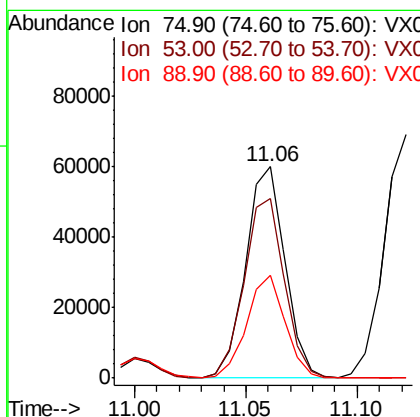
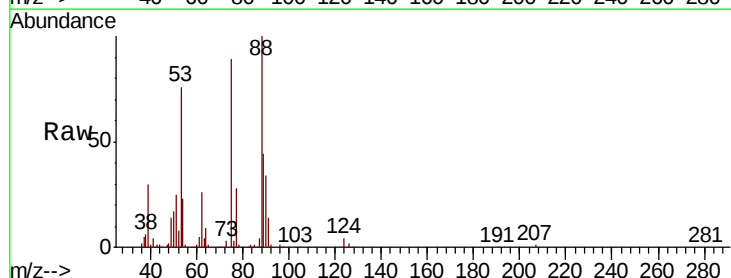
Instrument :
 MSVOA_X
 ClientSampled :

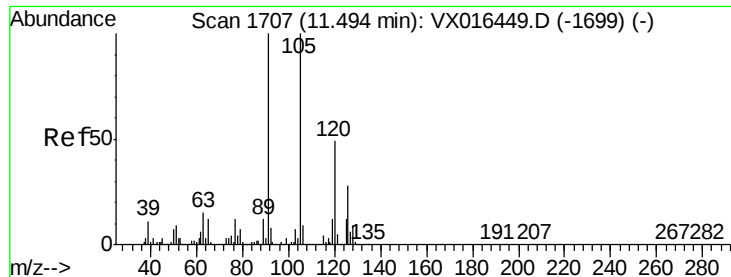
Tot Ion:105 Resp: 507957
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.243 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Tgt Ion: 75 Resp: 73587
 Ion Ratio Lower Upper
 75 100
 53 87.4 71.3 106.9
 89 47.9 36.6 55.0

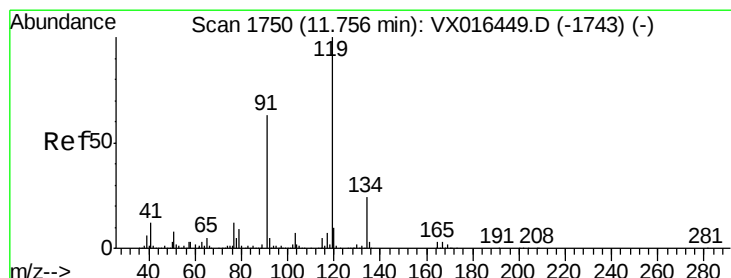
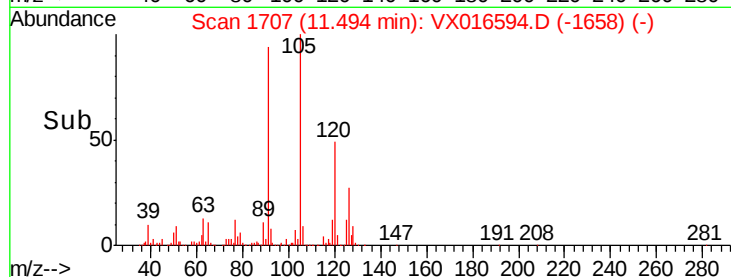
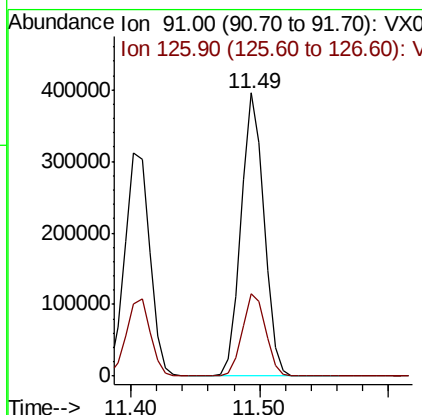
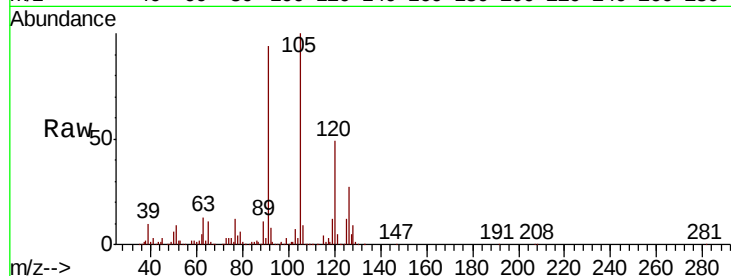




#82
4-Chlorotoluene
Concen: 50.119 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

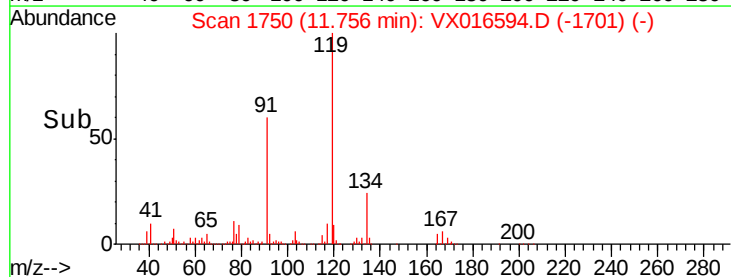
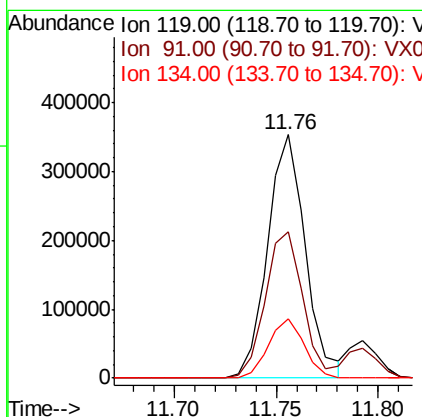
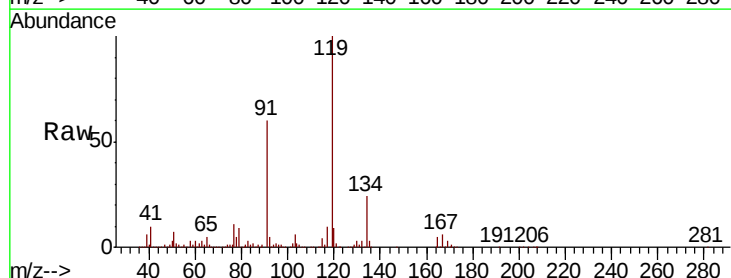
Instrument :
MSVOA_X
ClientSampleId :

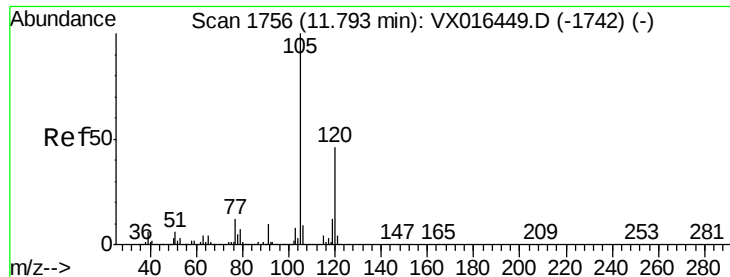
Tot Ion: 91 Resp: 487482
Ion Ratio Lower Upper
91 100
126 29.7 14.7 44.1



#83
tert-Butylbenzene
Concen: 52.886 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion: 119 Resp: 455729
Ion Ratio Lower Upper
119 100
91 59.5 31.3 93.8
134 23.2 12.0 36.0

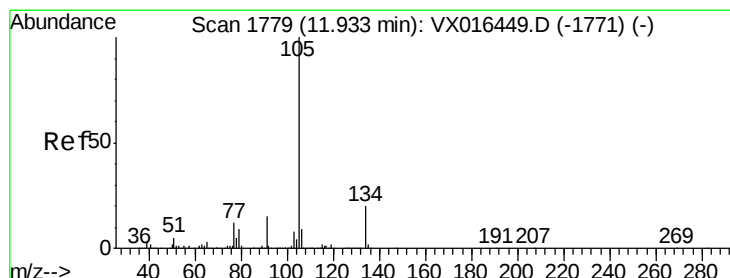
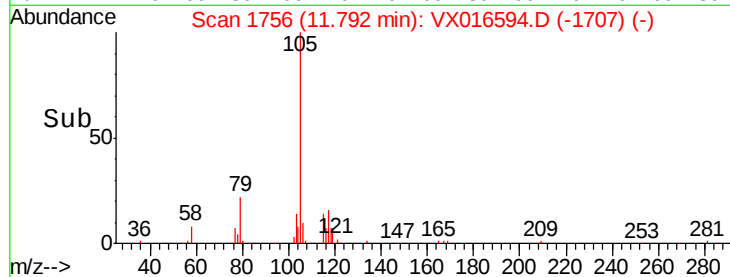
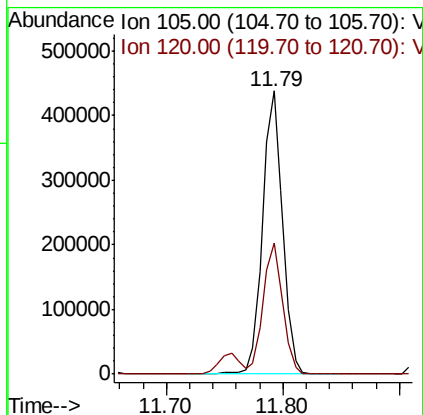
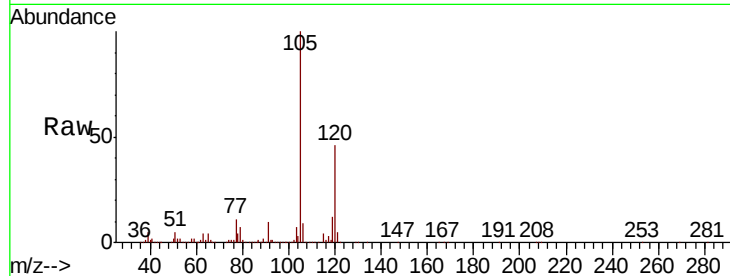




#84
 1,2,4-Trimethylbenzene
 Concen: 50.959 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

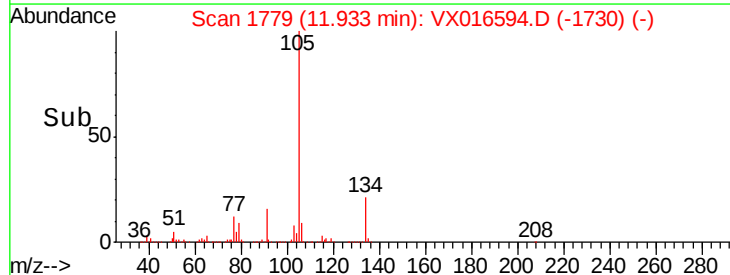
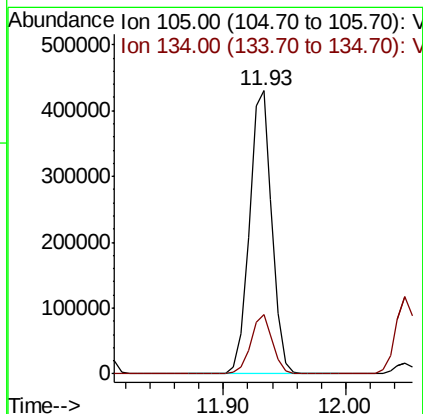
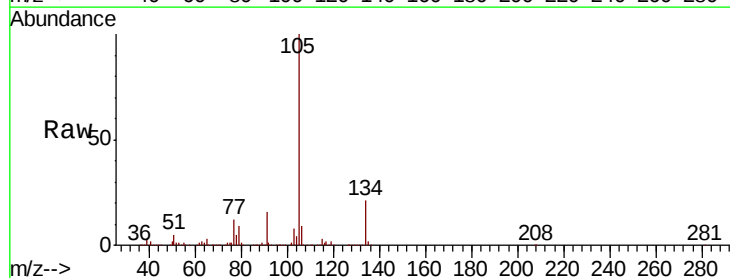
Instrument :
 MSVOA_X
 ClientSampleId :

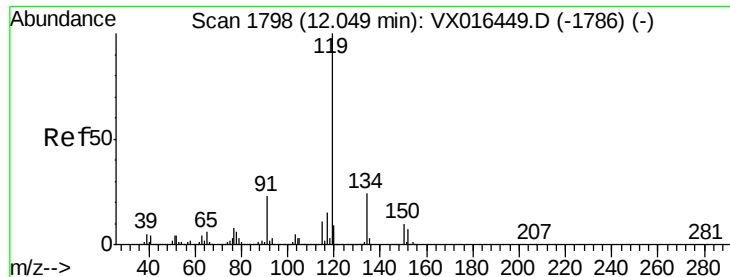
Tot Ion:105 Resp: 519737
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 50.591 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Tgt Ion:105 Resp: 546885
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3

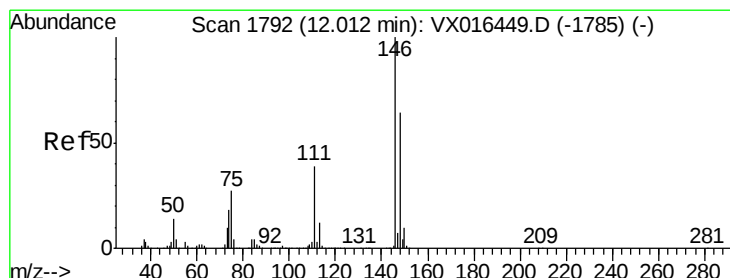
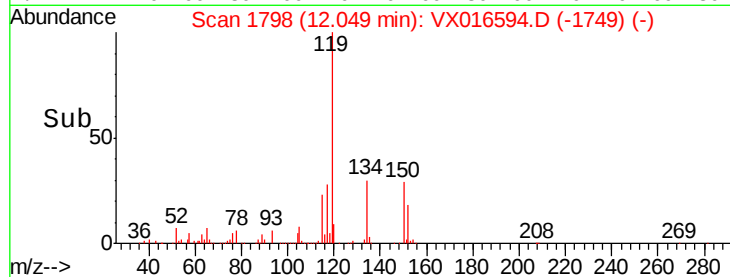
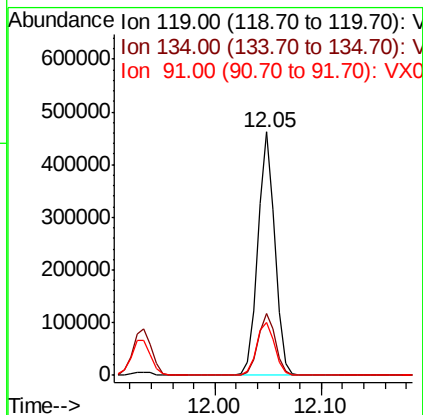
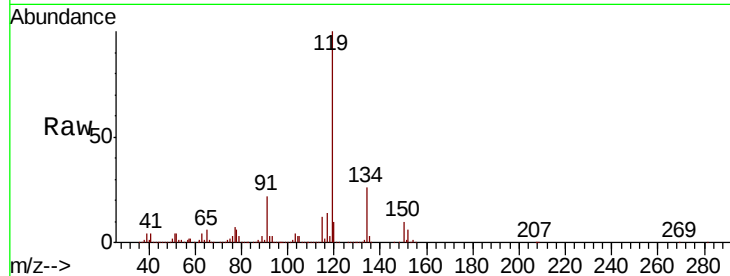




#86
p-Isopropyltoluene
Concen: 50.797 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

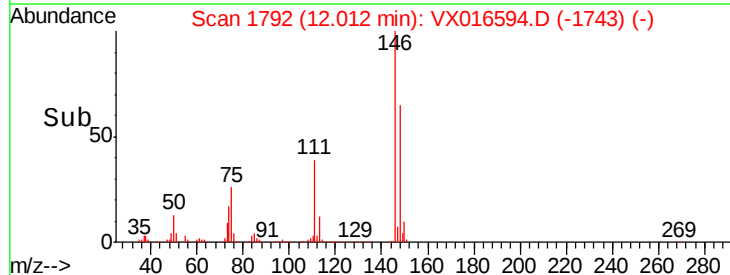
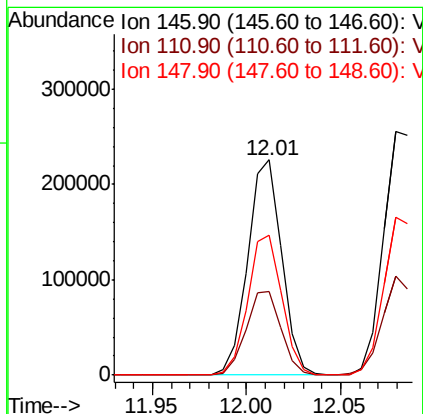
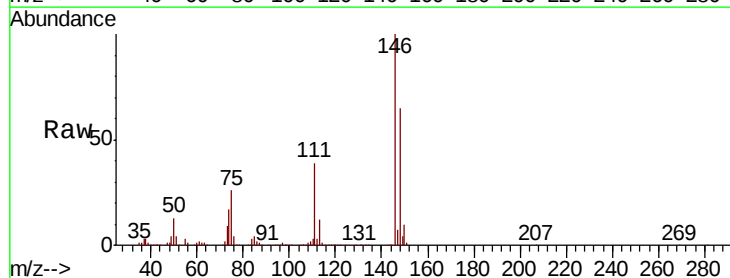
Instrument :
MSVOA_X
ClientSampleId :

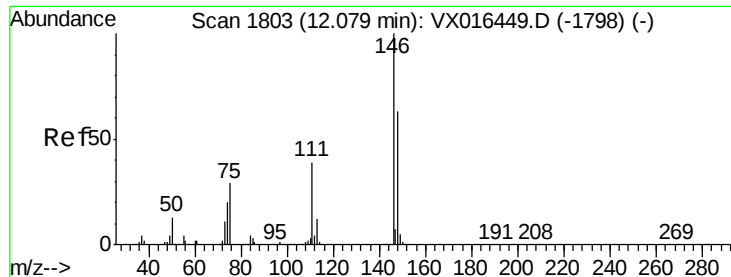
Tot Ion:119 Resp: 514378
Ion Ratio Lower Upper
119 100
134 26.1 12.7 38.0
91 23.2 11.7 35.0



#87
1,3-Dichlorobenzene
Concen: 51.385 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016594.D
Acq: 04 Jun 2020 20:09

Tgt Ion:146 Resp: 282012
Ion Ratio Lower Upper
146 100
111 40.1 20.0 60.0
148 65.1 31.9 95.5

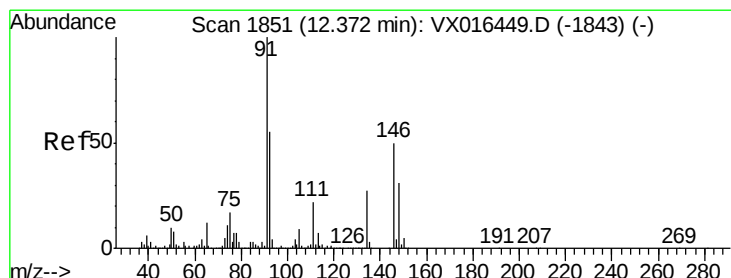
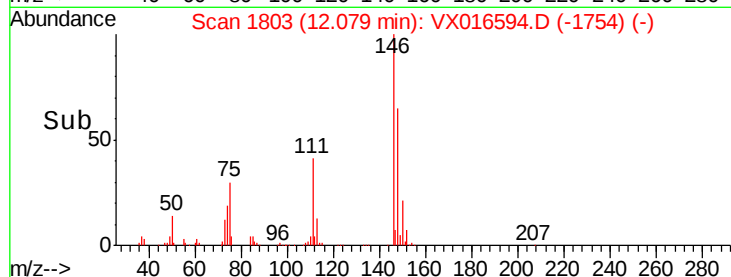
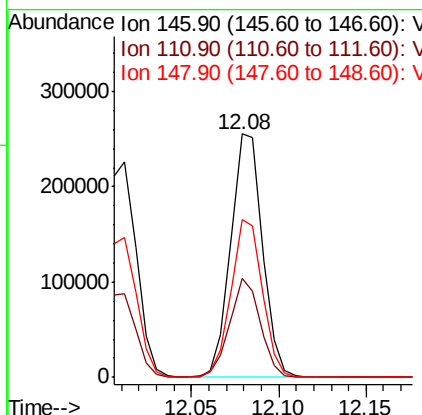
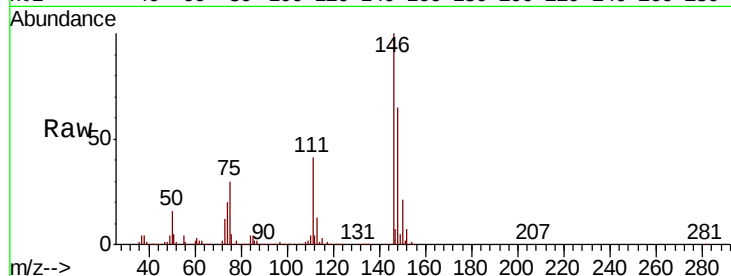




#88
 1,4-Dichlorobenzene
 Concen: 57.450 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

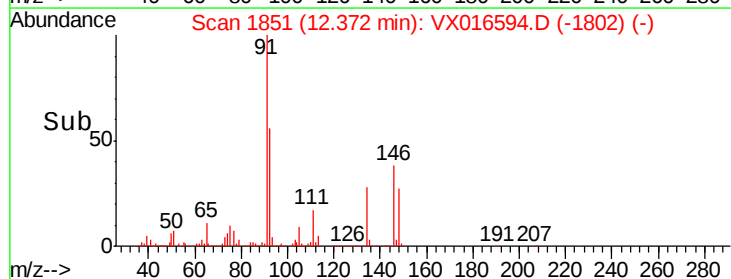
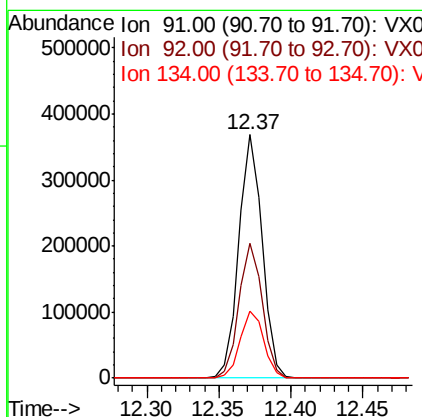
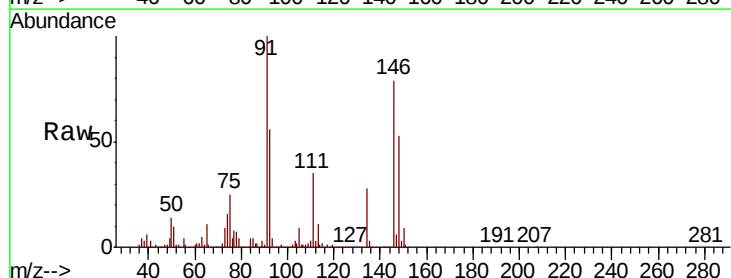
Instrument :
 MSVOA_X
 ClientSampleId :

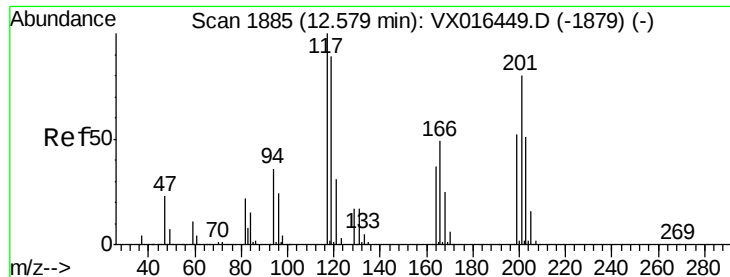
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.2
148	64.5	31.4	94.3



#89
 n-Butylbenzene
 Concen: 49.524 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.2	81.5
134	27.9	13.1	39.3





#90

Hexachloroethane

Concen: 51.772 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

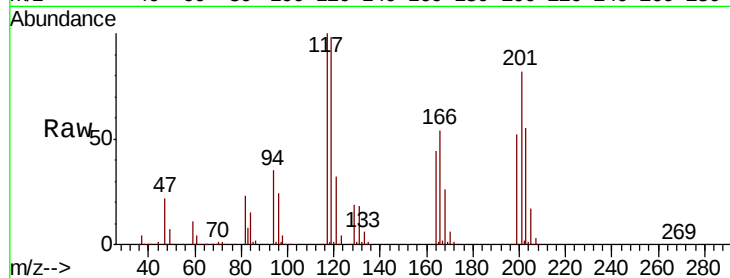
ClientSampleId :

Tot Ion:117 Resp: 90553

Ion Ratio Lower Upper

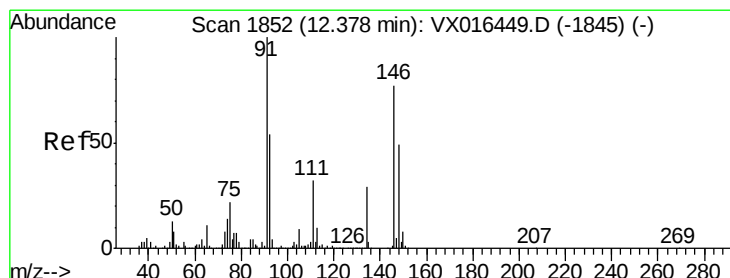
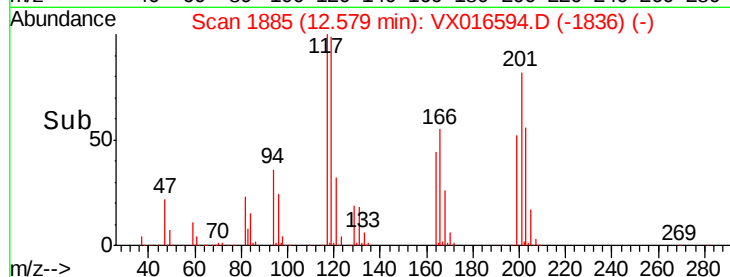
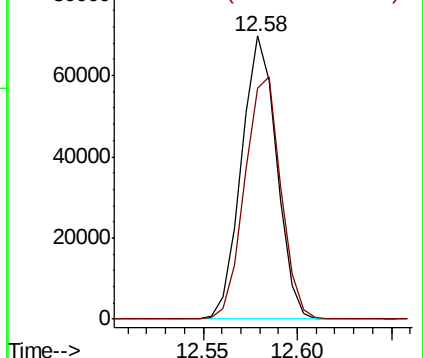
117 100

201 87.5 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 76.968 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

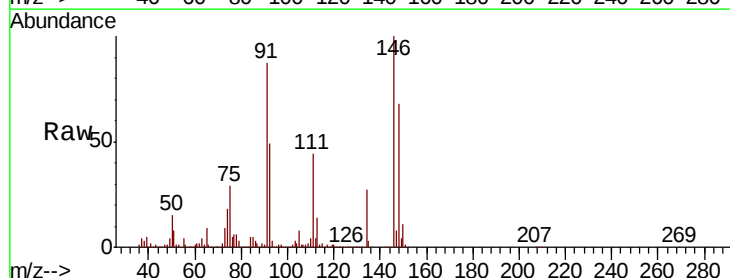
Tgt Ion:146 Resp: 409257

Ion Ratio Lower Upper

146 100

111 42.8 21.4 64.3

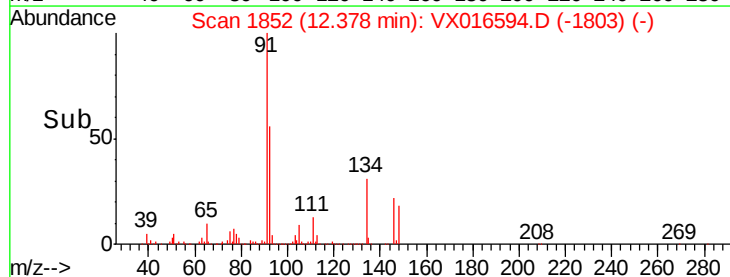
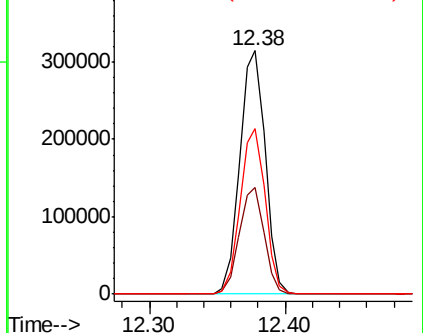
148 66.7 31.9 95.7

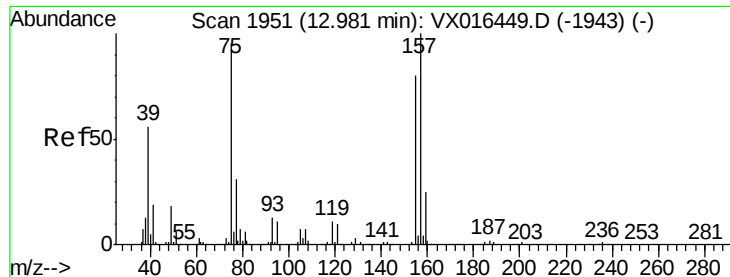


Abundance Ion 145.90 (145.60 to 146.60): V

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: 49.624 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

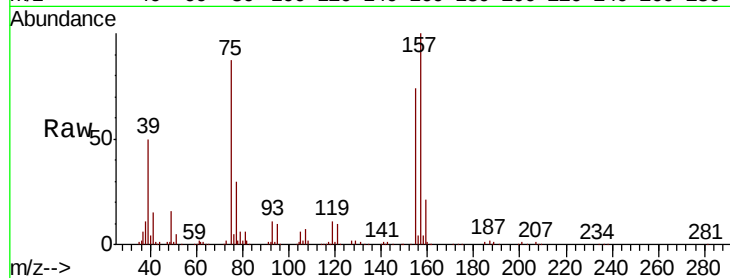
Tot Ion: 75 Resp: 48655

Ion Ratio Lower Upper

75 100

155 91.3 44.1 132.4

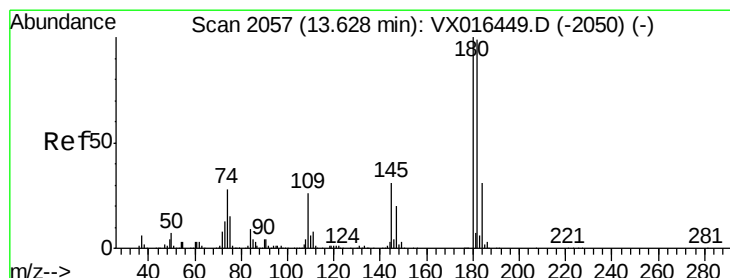
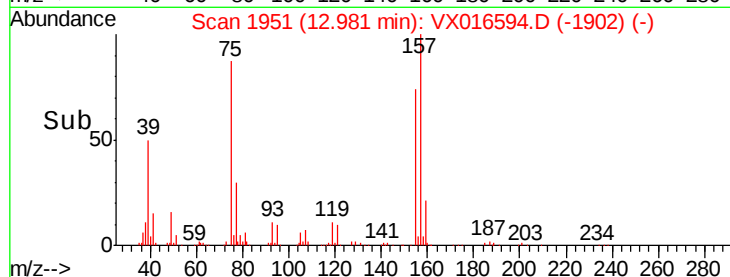
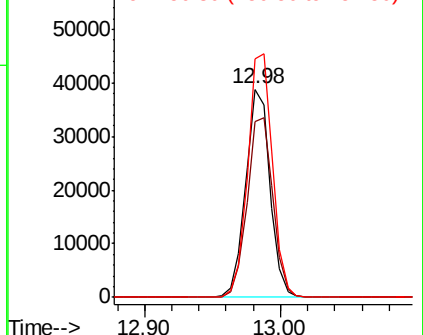
157 119.1 57.8 173.3



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: 53.078 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

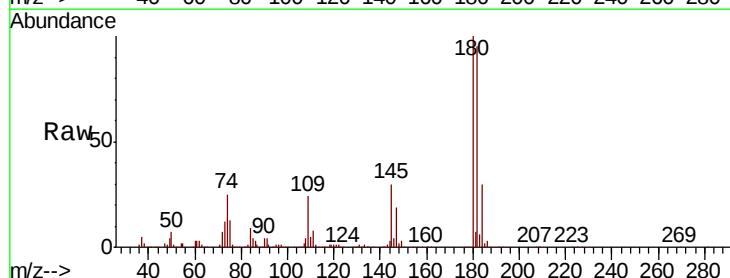
Tgt Ion: 180 Resp: 187439

Ion Ratio Lower Upper

180 100

182 94.5 48.3 144.8

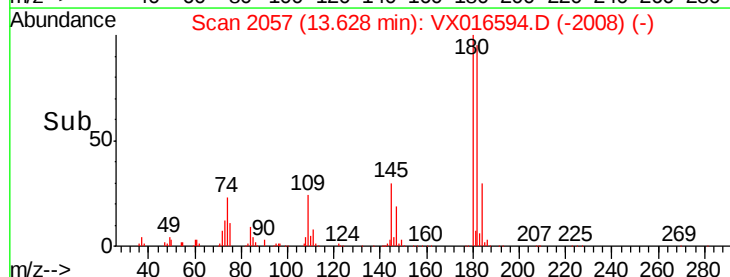
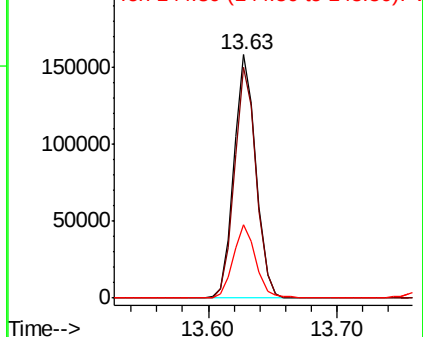
145 31.5 15.4 46.2

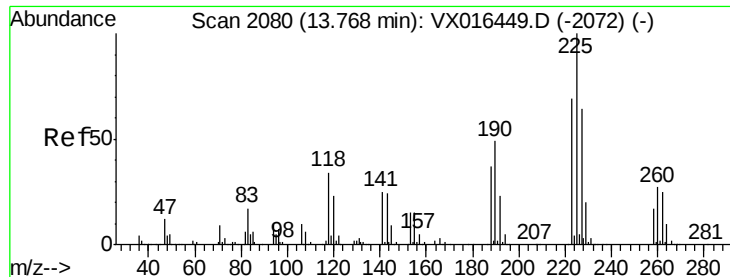


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 52.274 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

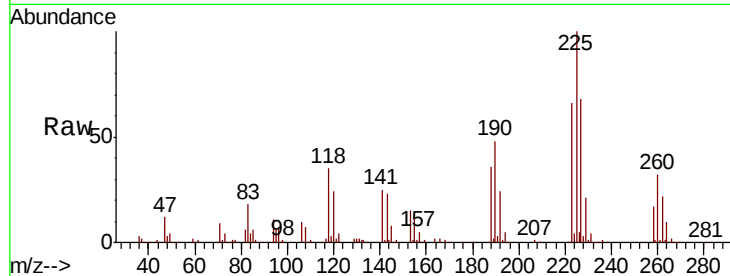
Tot Ion:225 Resp: 72478

Ion Ratio Lower Upper

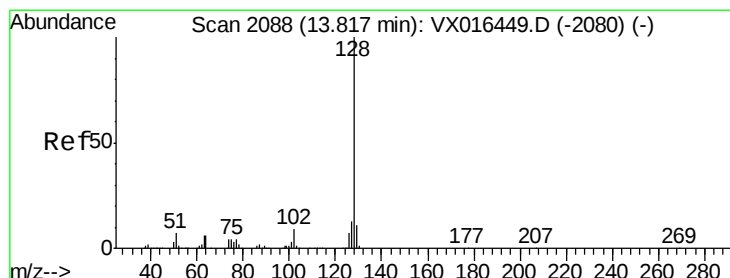
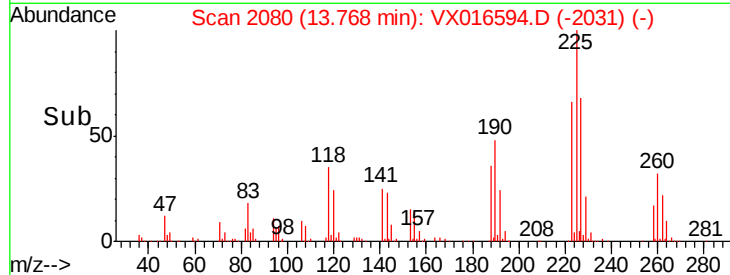
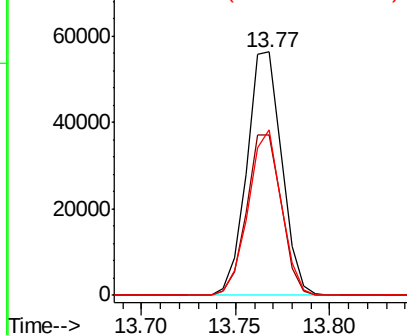
225 100

223 65.4 32.3 96.8

227 64.3 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 51.130 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016594.D

Acq: 04 Jun 2020 20:09

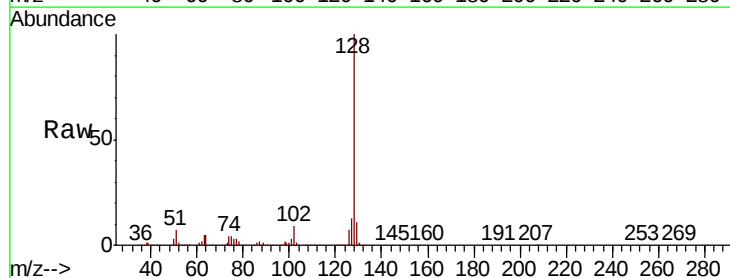
Tgt Ion:128 Resp: 618981

Ion Ratio Lower Upper

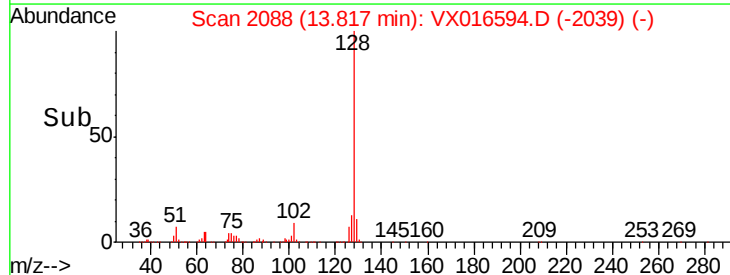
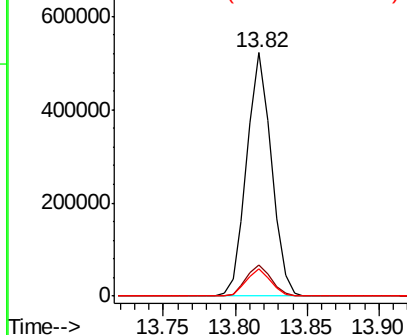
128 100

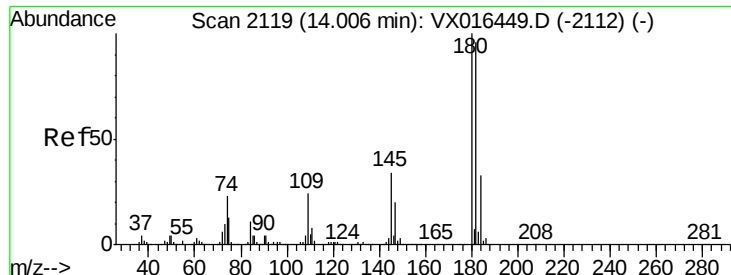
127 13.3 10.6 15.8

129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

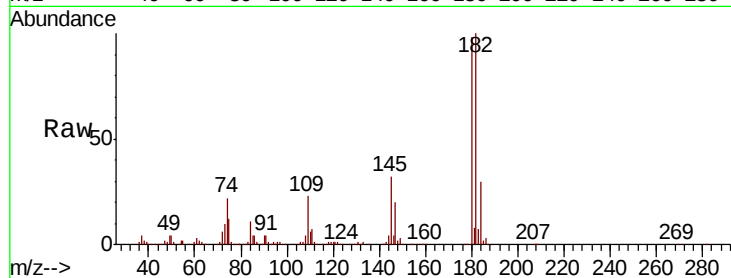




#96
 1,2,3-Trichlorobenzene
 Concen: 50.993 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016594.D
 Acq: 04 Jun 2020 20:09

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.7	48.6	145.8
145	34.5	16.6	49.8



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

