

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\
 Data File : VX016294.D
 Acq On : 15 May 2020 20:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 16 06:49:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	244064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	408117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	381018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	184010	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	153748	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
35) Dibromofluoromethane	5.47	113	124873	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	8.70	98	488386	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.12	95	186782	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	130418	50.484	ug/l	99
3) Chloromethane	1.31	50	129898	43.297	ug/l	98
4) Vinyl Chloride	1.39	62	155073	48.448	ug/l	100
5) Bromomethane	1.62	94	44697	27.699	ug/l	98
6) Chloroethane	1.70	64	95231	48.898	ug/l	99
7) Trichlorofluoromethane	1.91	101	206308	49.095	ug/l	98
8) Diethyl Ether	2.17	74	87750	49.560	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	114034	47.036	ug/l	99
10) Methyl Iodide	2.49	142	70286	21.583	ug/l	99
11) Tert butyl alcohol	3.02	59	206488	254.252	ug/l	99
12) 1,1-Dichloroethene	2.35	96	120679	47.566	ug/l	98
13) Acrolein	2.28	56	156617	308.174	ug/l	100
14) Allyl chloride	2.71	41	218200	46.906	ug/l	94
15) Acrylonitrile	3.12	53	438967	260.548	ug/l	99
16) Acetone	2.42	43	346684	241.929	ug/l	94
17) Carbon Disulfide	2.55	76	342060	44.875	ug/l	99
18) Methyl Acetate	2.75	43	190062	53.943	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	462499	52.881	ug/l	99
20) Methylene Chloride	2.84	84	143540	48.590	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	136303	48.211	ug/l	96
22) Diisopropyl ether	3.83	45	440286	50.169	ug/l	89
23) Vinyl Acetate	3.79	43	1945784	252.013	ug/l	98
24) 1,1-Dichloroethane	3.67	63	251545	51.239	ug/l	99
25) 2-Butanone	4.64	43	601315	260.406	ug/l	96
26) 2,2-Dichloropropane	4.55	77	181396	40.460	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	160733	52.003	ug/l	95
28) Bromochloromethane	4.98	49	111685	49.892	ug/l	95
29) Tetrahydrofuran	5.09	42	392220	256.346	ug/l	97
30) Chloroform	5.18	83	255286	52.227	ug/l	100
31) Cyclohexane	5.55	56	202090	45.295	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	227698	51.248	ug/l	98
36) 1,1-Dichloropropene	5.77	75	189634	47.204	ug/l	99
37) Ethyl Acetate	4.80	43	226478	48.640	ug/l	98
38) Carbon Tetrachloride	5.76	117	199285	48.804	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	167582	34.639	ug/l	99
40) Benzene	6.12	78	581174	49.443	ug/l	99
41) Methacrylonitrile	5.01	41	123460	49.098	ug/l	97
42) 1,2-Dichloroethane	6.17	62	201264	47.531	ug/l	99
43) Isopropyl Acetate	6.42	43	360736	48.557	ug/l	98
44) Trichloroethene	7.19	130	167988	40.227	ug/l	99
45) 1,2-Dichloropropane	7.49	63	151185	50.831	ug/l	98
46) Dibromomethane	7.64	93	100329	49.637	ug/l	99
47) Bromodichloromethane	7.88	83	209236	50.828	ug/l	97
48) Methyl methacrylate	7.75	41	171080	48.598	ug/l	94
49) 1,4-Dioxane	7.71	88	80426	952.598	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1157272	254.558	ug/l	97
52) Toluene	8.77	92	370127	50.517	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	239723	48.841	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	251719	49.100	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	151705	52.627	ug/l	98
56) Ethyl methacrylate	9.16	69	251866	53.528	ug/l	93
57) 1,3-Dichloropropane	9.35	76	260587	51.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	622698	248.581	ug/l	99
59) 2-Hexanone	9.48	43	907420	254.162	ug/l	96
60) Dibromochloromethane	9.57	129	169329	53.335	ug/l	98
61) 1,2-Dibromoethane	9.65	107	160642	51.448	ug/l	99
64) Tetrachloroethene	9.32	164	169725	36.286	ug/l	96
65) Chlorobenzene	10.12	112	392362	49.180	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	153818	52.163	ug/l	99
67) Ethyl Benzene	10.24	91	682815	47.968	ug/l	99
68) m/p-Xylenes	10.34	106	518061	97.137	ug/l	99
69) o-Xylene	10.68	106	252311	49.216	ug/l	99
70) Styrene	10.69	104	448771	51.599	ug/l	99
71) Bromoform	10.84	173	130650	54.382	ug/l #	99
73) Isopropylbenzene	11.01	105	631209	47.162	ug/l	100
74) N-amyl acetate	10.88	43	317126	50.799	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	208533	74.773	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	288713	69.143	ug/l	84
77) Bromobenzene	11.24	156	172238	49.858	ug/l	99
78) n-propylbenzene	11.35	91	707938	45.468	ug/l	100
79) 2-Chlorotoluene	11.41	91	447805	48.724	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	522833	46.267	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	85431	48.757	ug/l	97
82) 4-Chlorotoluene	11.49	91	524957	48.370	ug/l	99
83) tert-Butylbenzene	11.76	119	454771	46.698	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	527047	46.133	ug/l	100
85) sec-Butylbenzene	11.93	105	519820	39.533	ug/l	99
86) p-Isopropyltoluene	12.05	119	477307	39.098	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	286609	46.206	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	295691	46.967	ug/l	98
89) n-Butylbenzene	12.37	91	391951	35.144	ug/l	100
90) Hexachloroethane	12.58	117	86208	41.117	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	287924	48.207	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57890	52.603	ug/l	98

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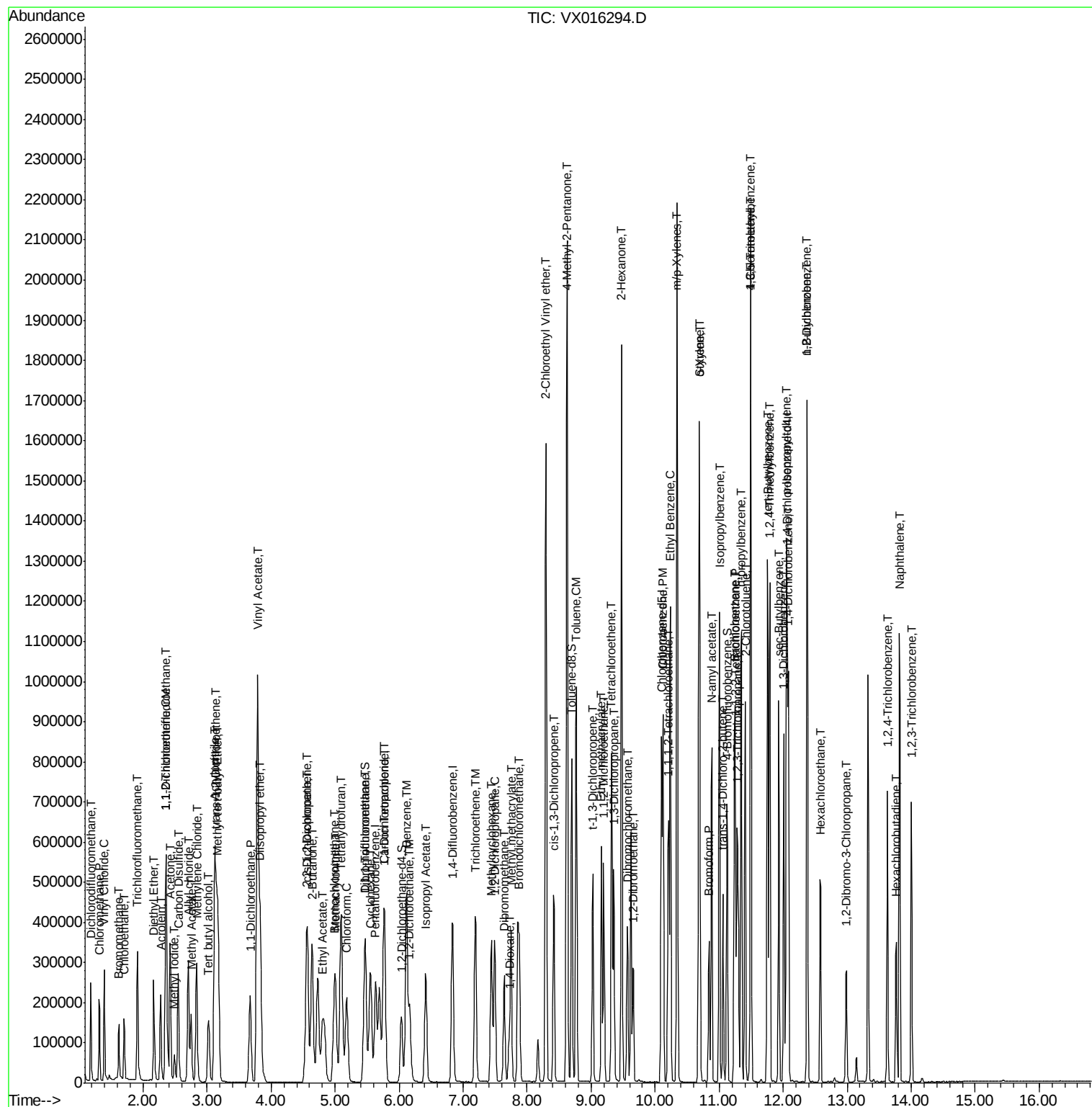
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	175780	39.752	ug/l	98
94) Hexachlorobutadiene	13.77	225	51469	27.271	ug/l	97
95) Naphthalene	13.82	128	675505	47.178	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	170662	39.490	ug/l	100

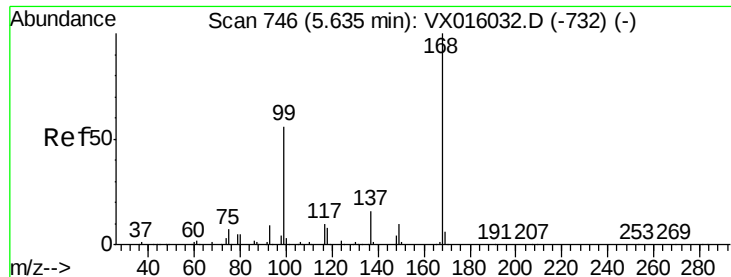
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VX016294.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

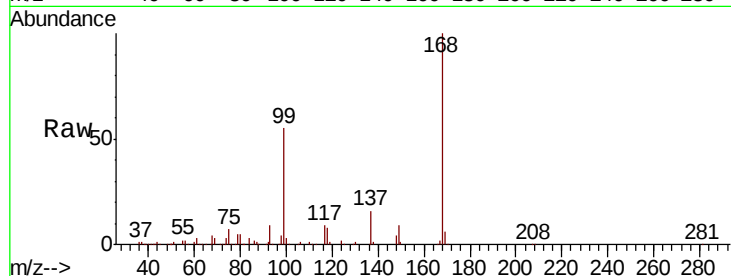
ClientSampleId :

Tot Ion:168 Resp: 244064

Ion Ratio Lower Upper

168 100

99 54.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

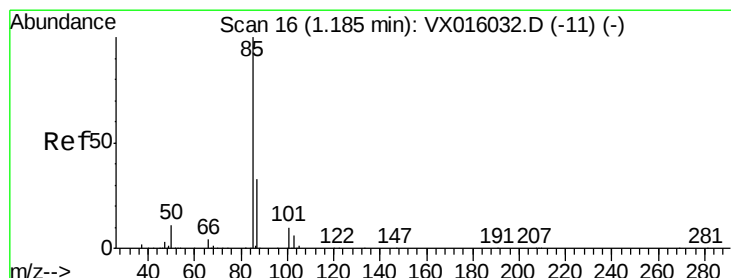
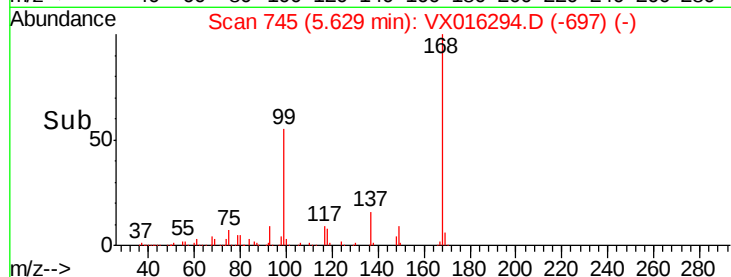
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.484 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016294.D

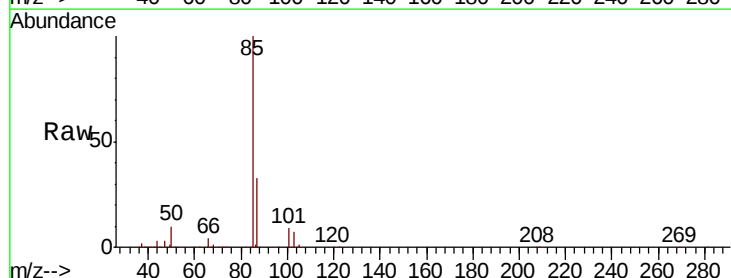
Acq: 15 May 2020 20:21

Tgt Ion: 85 Resp: 130418

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

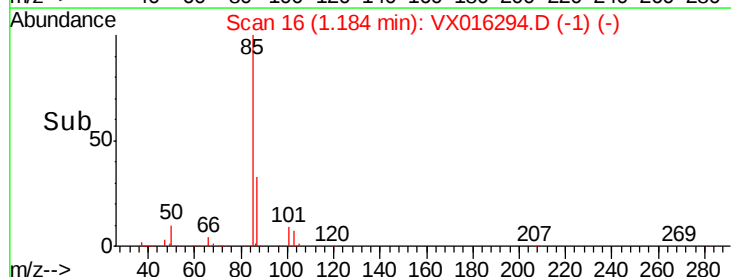
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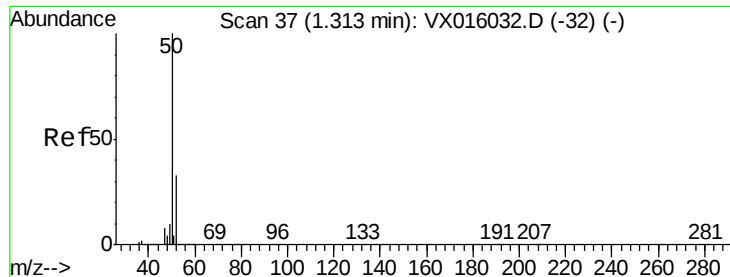
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.297 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

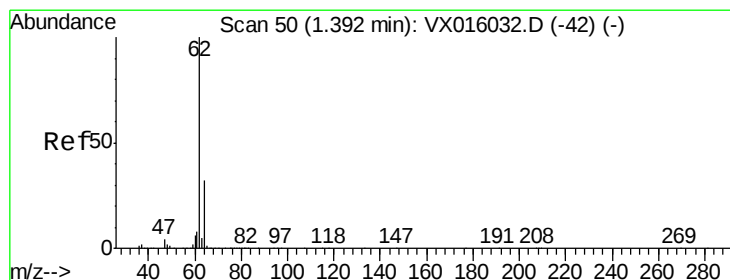
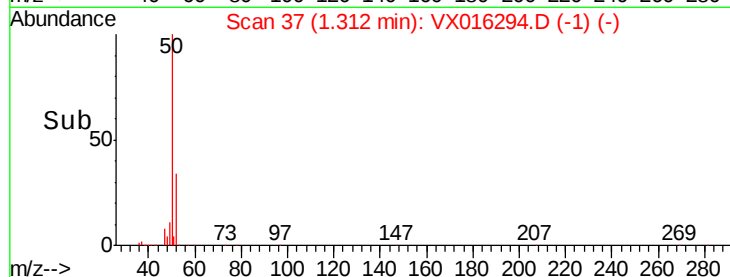
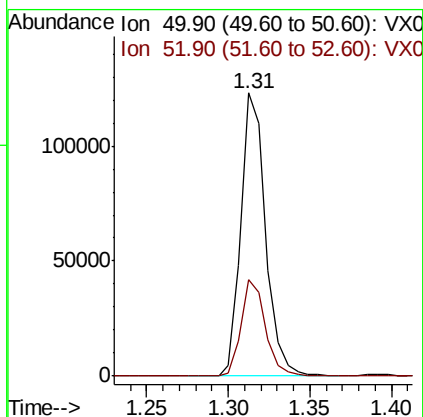
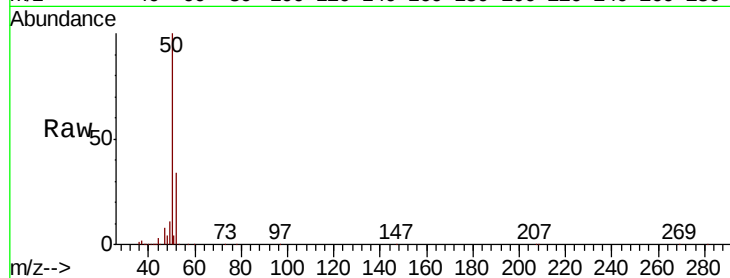
ClientSampleId :

Tot Ion: 50 Resp: 129898

Ion Ratio Lower Upper

50 100

52 34.0 26.1 39.1



#4

Vinyl Chloride

Concen: 48.448 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016294.D

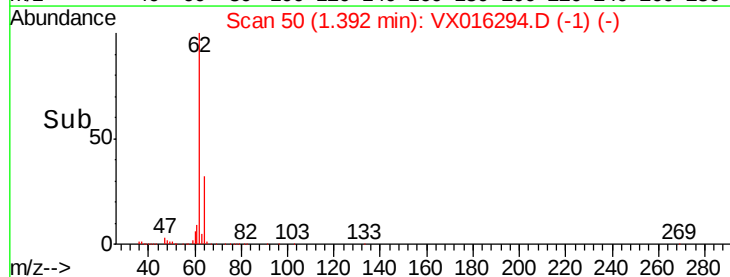
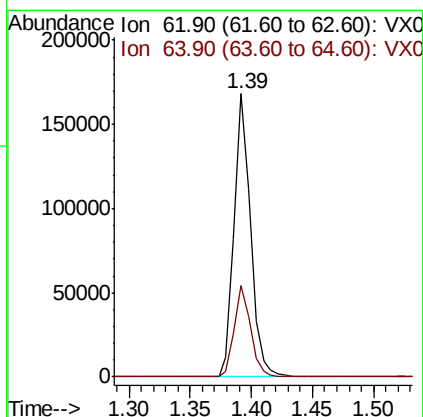
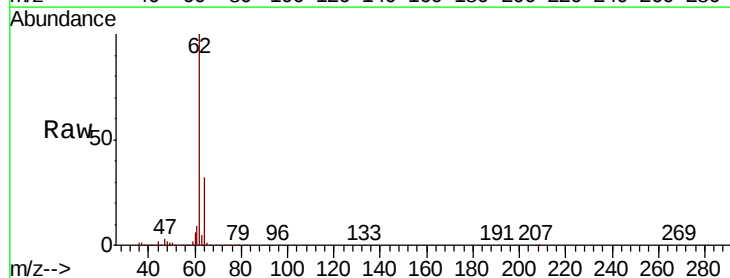
Acq: 15 May 2020 20:21

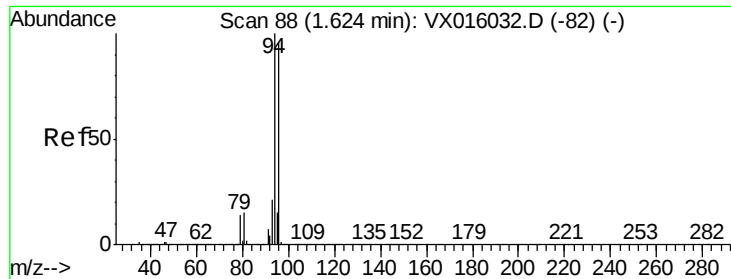
Tgt Ion: 62 Resp: 155073

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 27.699 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

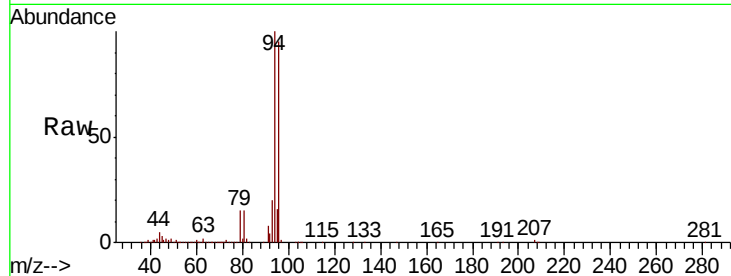
ClientSampleId :

Tot Ion: 94 Resp: 44697

Ion Ratio Lower Upper

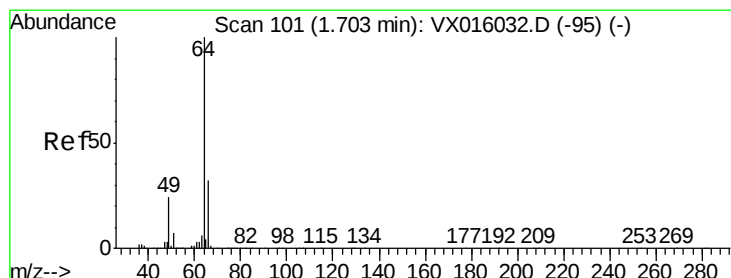
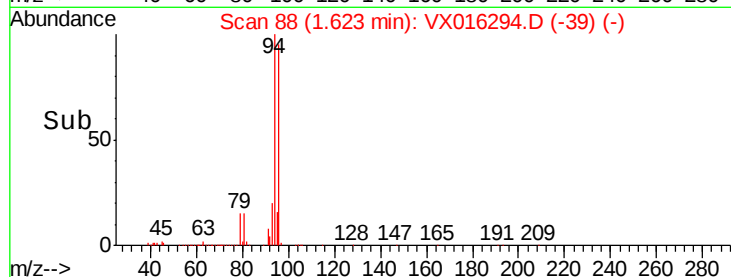
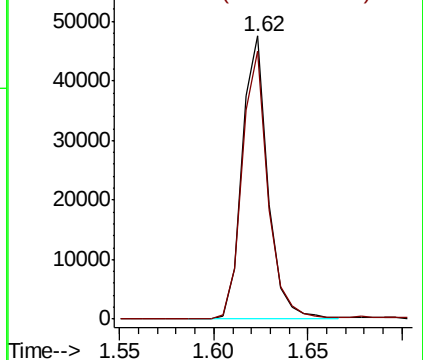
94 100

96 94.6 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.898 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016294.D

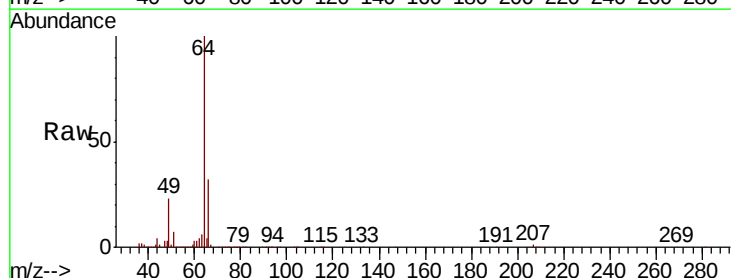
Acq: 15 May 2020 20:21

Tgt Ion: 64 Resp: 95231

Ion Ratio Lower Upper

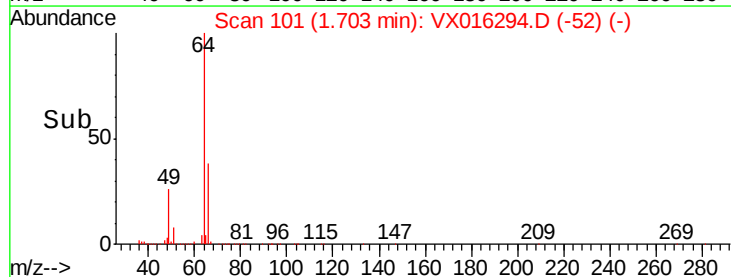
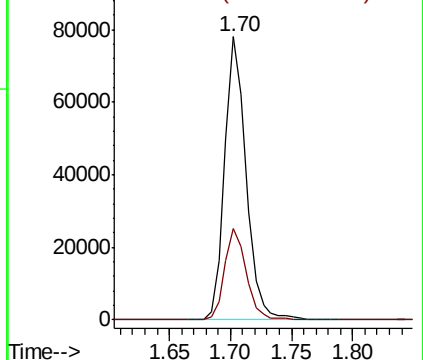
64 100

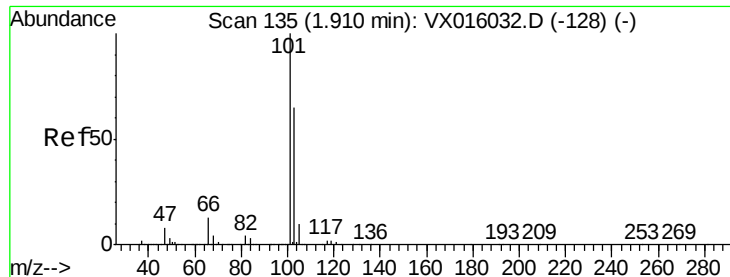
66 32.2 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



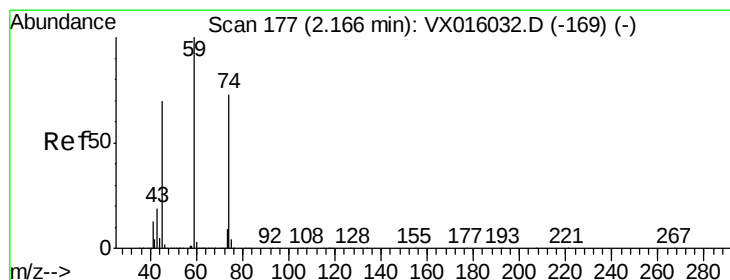
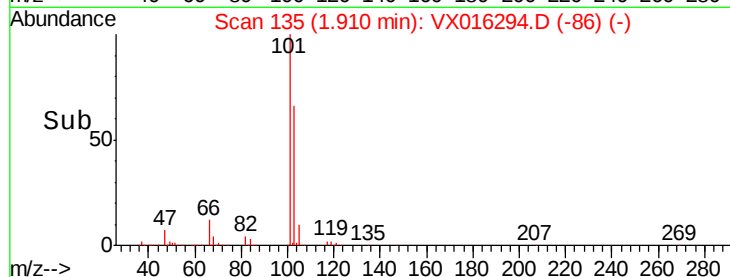
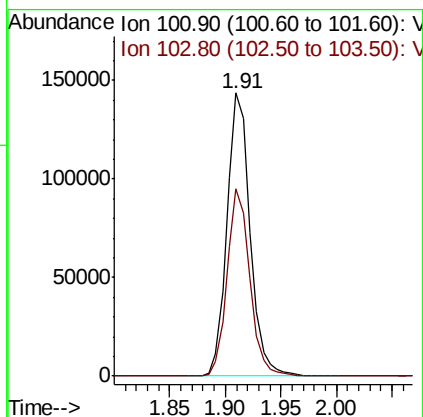
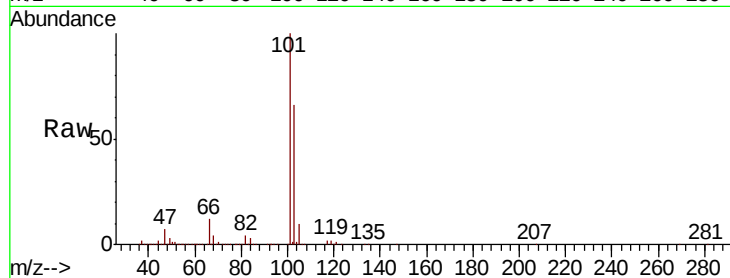


#7

Trichlorofluoromethane
Concen: 49.095 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
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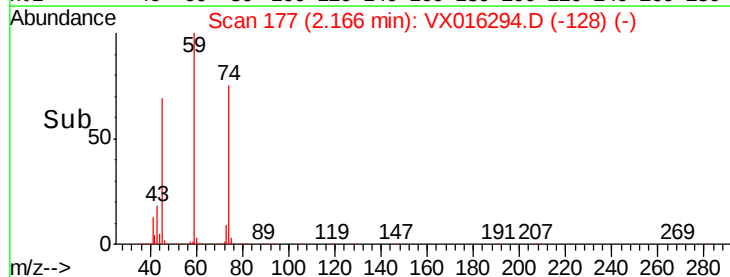
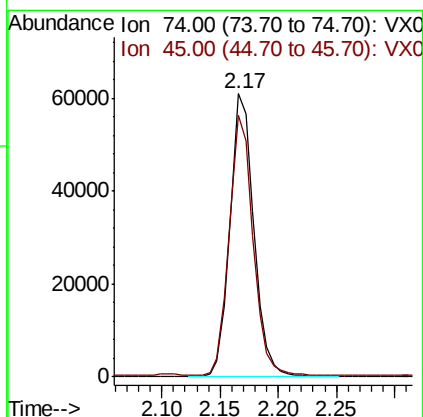
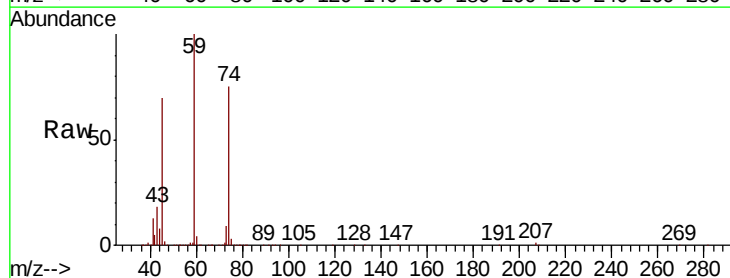
Tot Ion:101 Resp: 206308
Ion Ratio Lower Upper
101 100
103 66.1 51.8 77.6

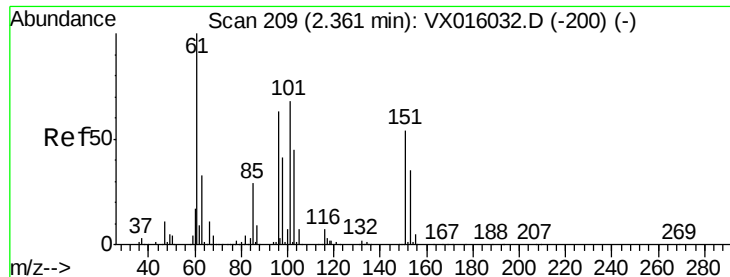


#8

Diethyl Ether
Concen: 49.560 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion: 74 Resp: 87750
Ion Ratio Lower Upper
74 100
45 91.5 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.036 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

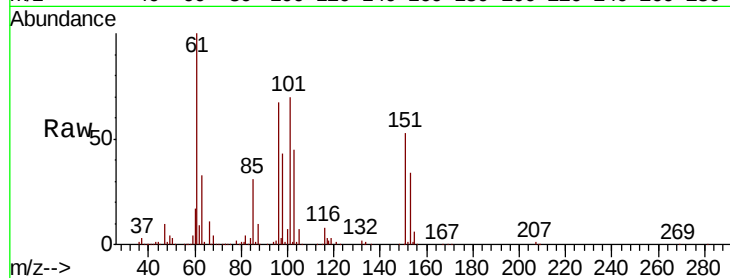
Tot Ion:101 Resp: 114034

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.4

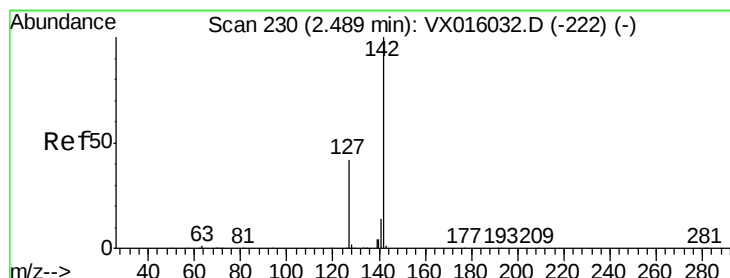
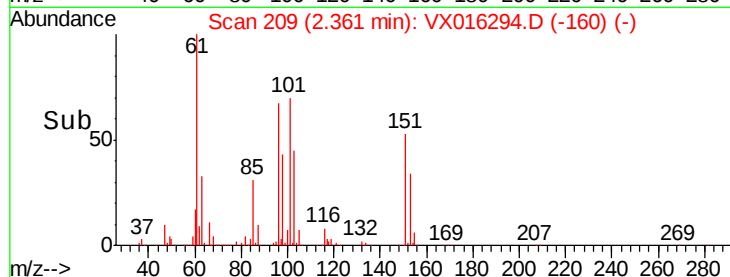
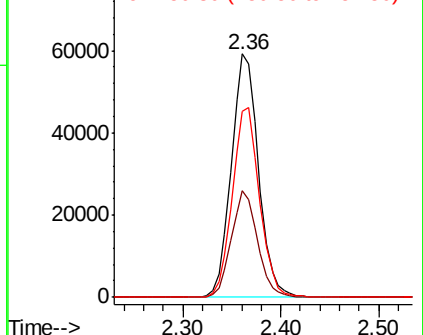
151 78.1 62.1 93.1



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: 21.583 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

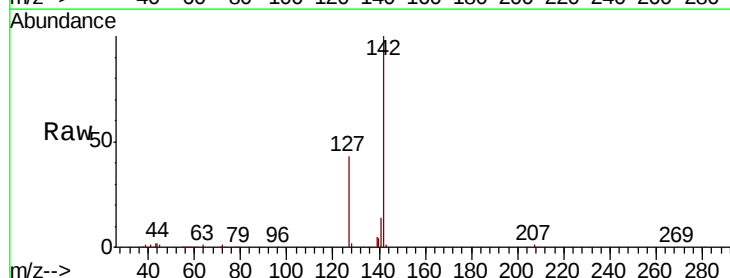
Tgt Ion:142 Resp: 70286

Ion Ratio Lower Upper

142 100

127 43.8 34.6 52.0

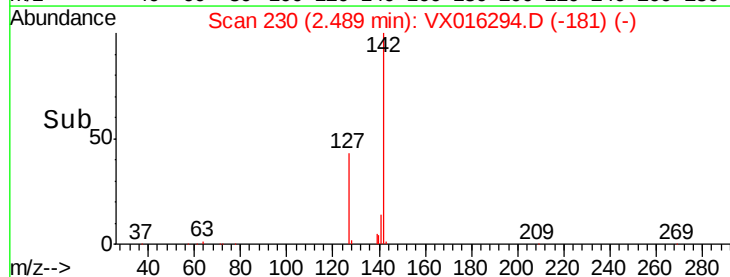
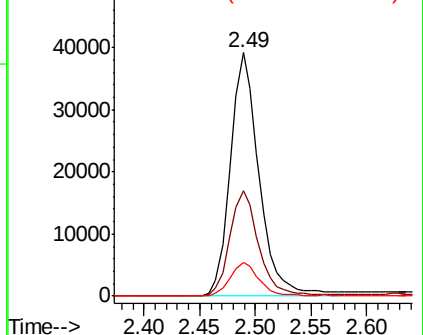
141 13.9 11.3 16.9

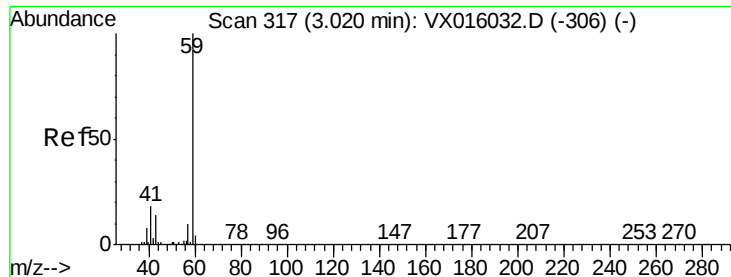


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



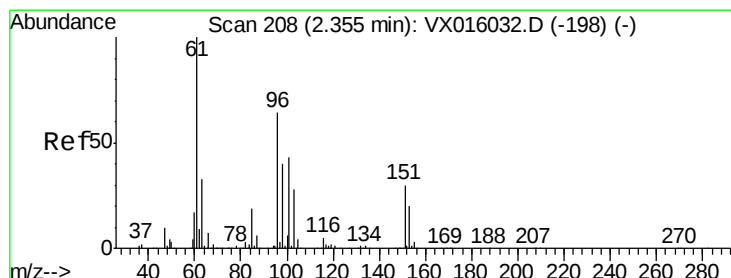
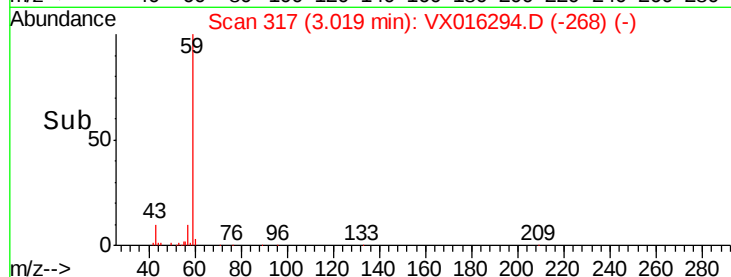
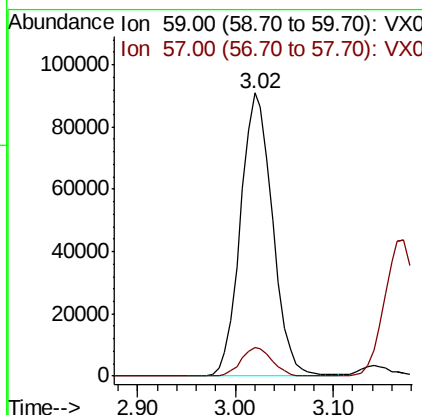
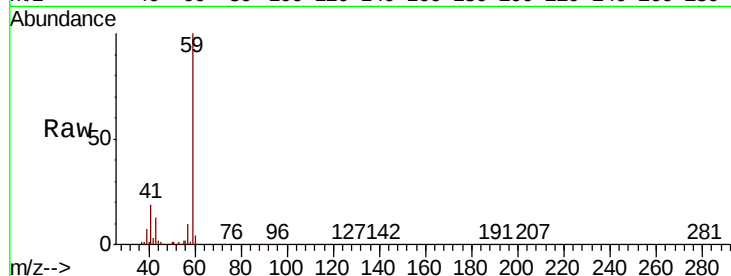


#11

Tert butyl alcohol
 Concen: 254.252 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Instrument :
 MSVOA_X
 ClientSampled :

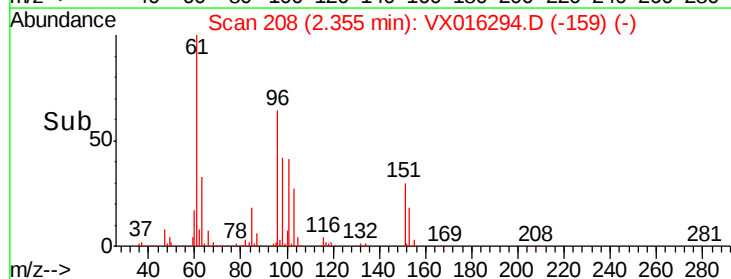
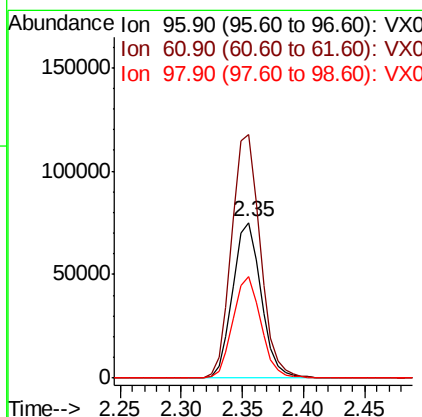
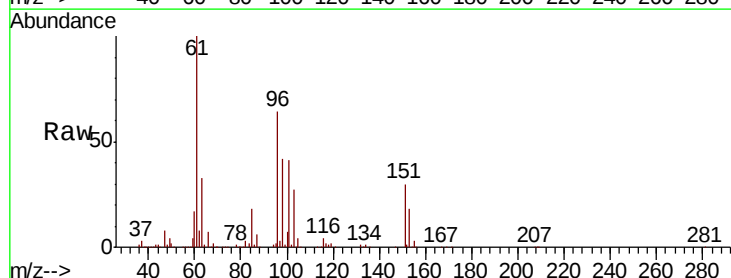
Tot Ion: 59 Resp: 206488
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.4

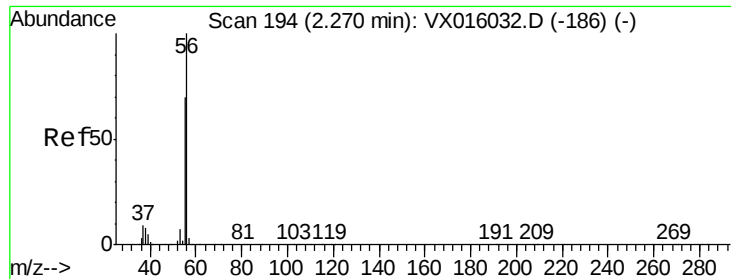


#12

1,1-Dichloroethene
 Concen: 47.566 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Tgt Ion: 96 Resp: 120679
 Ion Ratio Lower Upper
 96 100
 61 156.8 124.8 187.2
 98 65.1 49.7 74.5





#13

Acrolein

Concen: 308.174 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

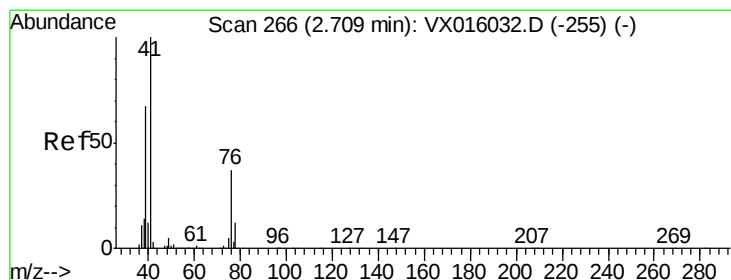
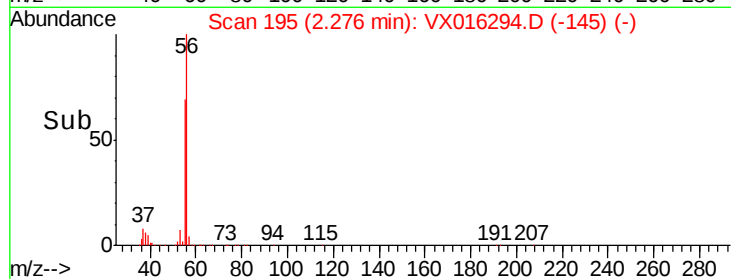
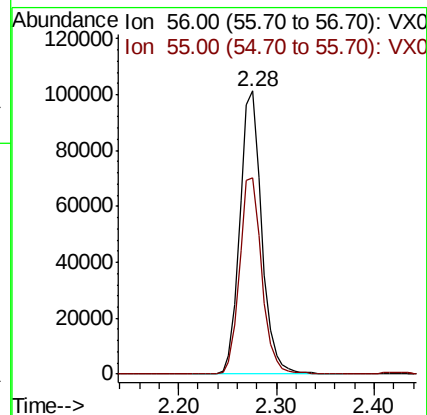
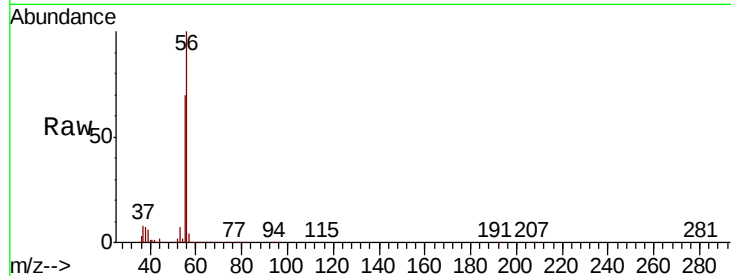
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 156617

Ion Ratio Lower Upper

56 100

55 70.7 56.5 84.7



#14

Allyl chloride

Concen: 46.906 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

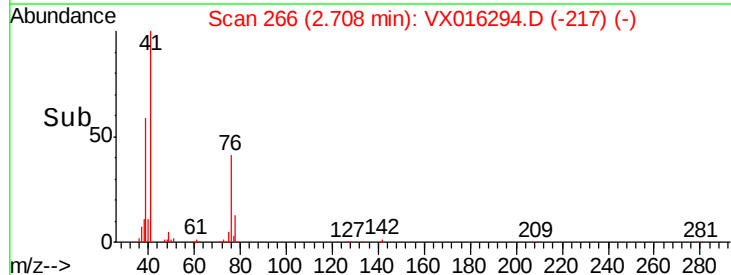
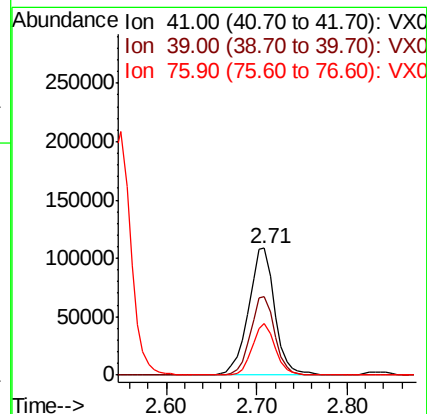
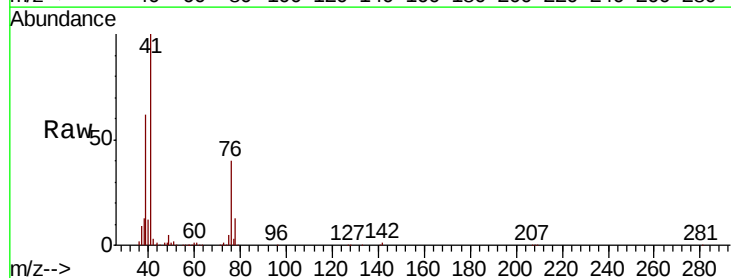
Tgt Ion: 41 Resp: 218200

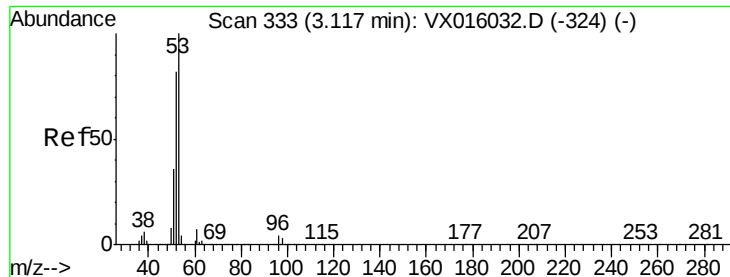
Ion Ratio Lower Upper

41 100

39 57.2 50.5 75.7

76 35.3 26.6 40.0





#15

Acrylonitrile

Concen: 260.548 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

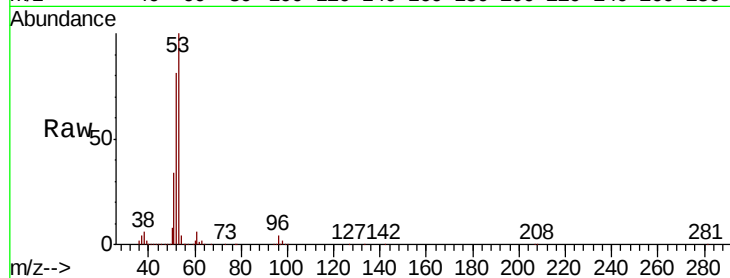
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 438967

Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.1	99.1
51	34.8	28.8	43.2

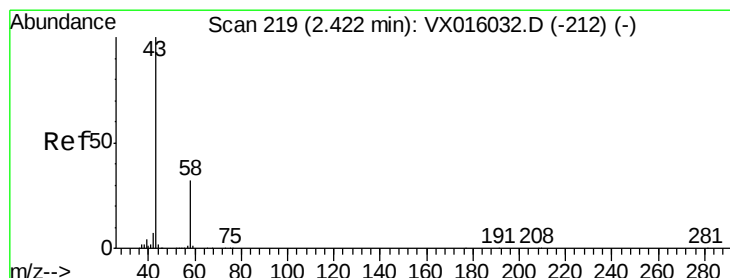
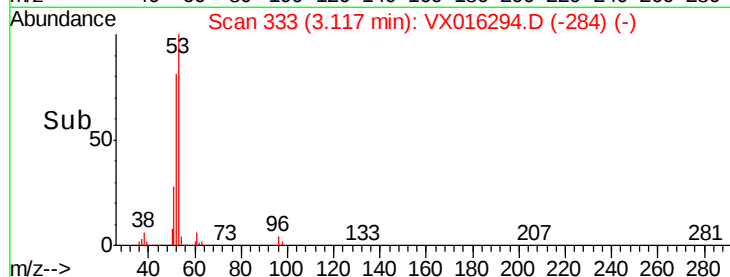
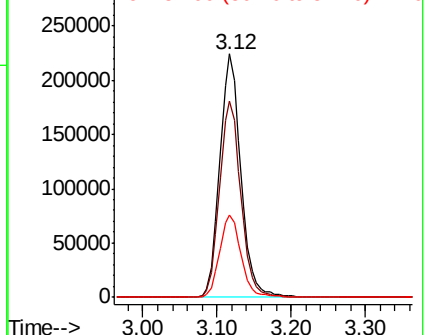


Abundance

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: 241.929 ug/l

RT: 2.42 min Scan# 219

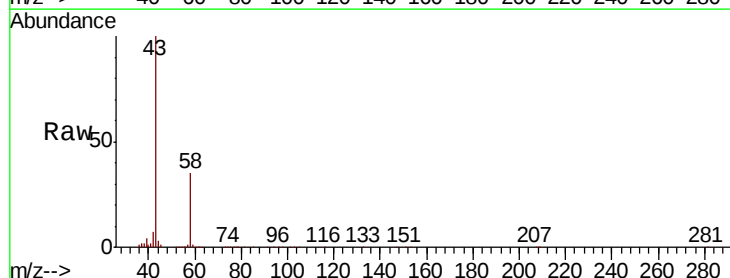
Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Tgt Ion: 43 Resp: 346684

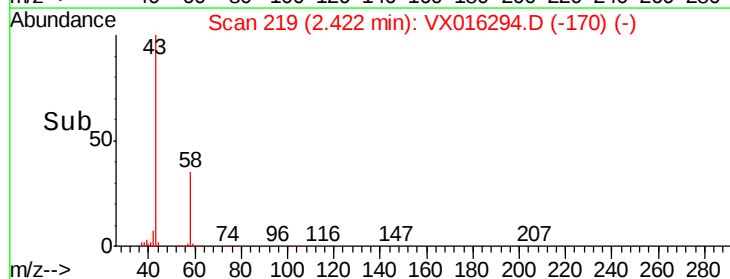
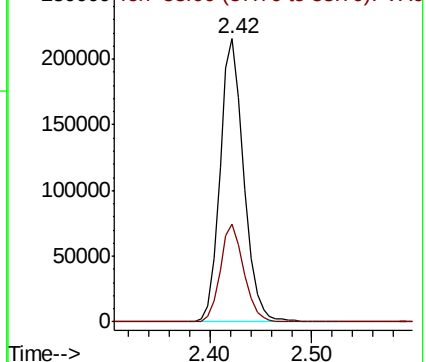
Ion	Ratio	Lower	Upper
43	100		
58	34.8	25.4	38.0

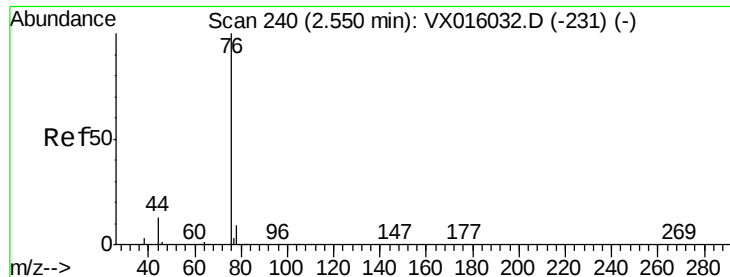


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.875 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

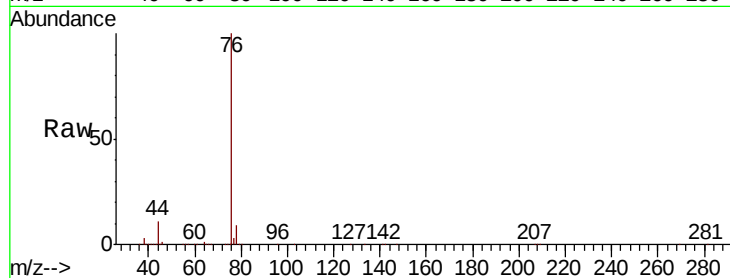
ClientSampleId :

Tot Ion: 76 Resp: 342060

Ion Ratio Lower Upper

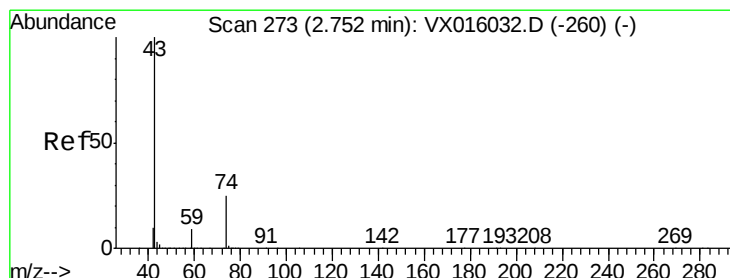
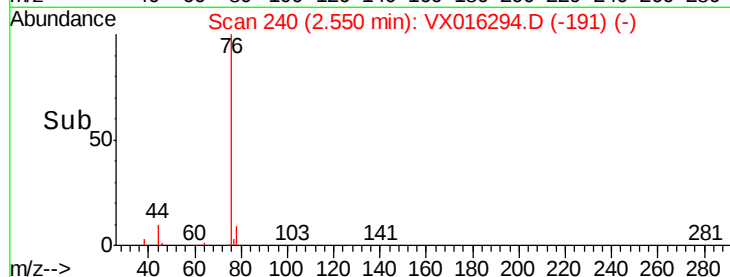
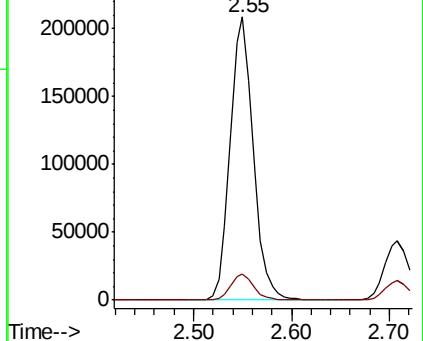
76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.943 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016294.D

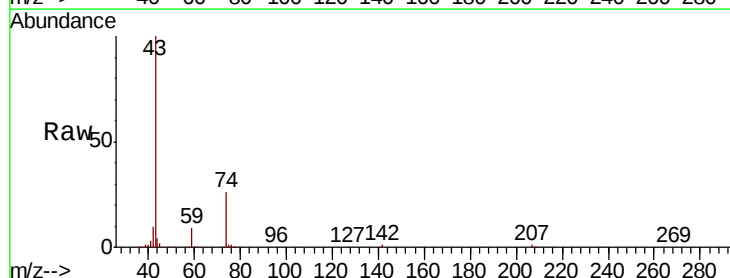
Acq: 15 May 2020 20:21

Tgt Ion: 43 Resp: 190062

Ion Ratio Lower Upper

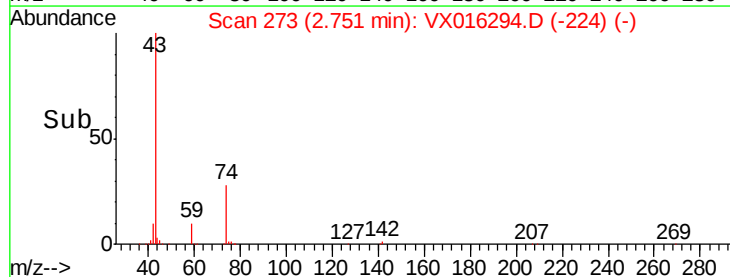
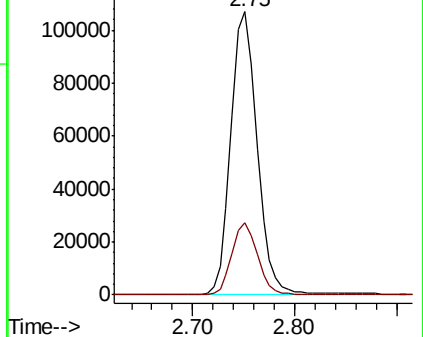
43 100

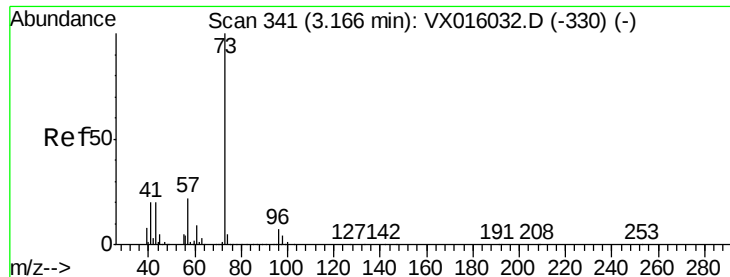
74 25.4 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



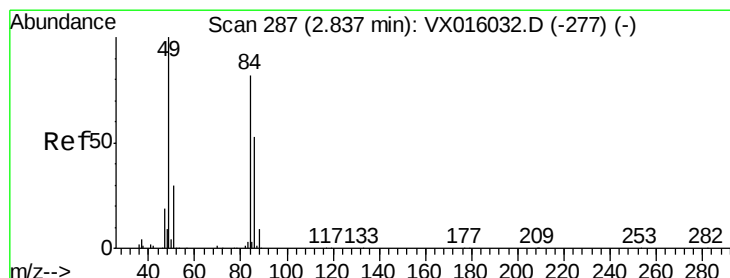
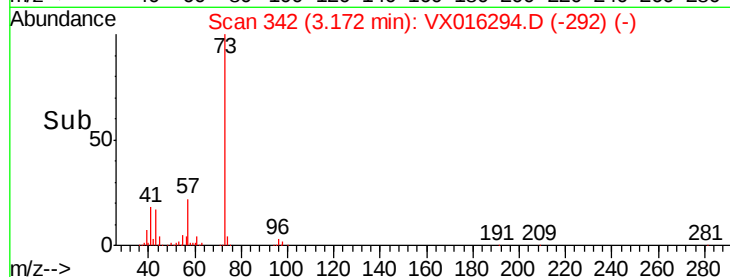
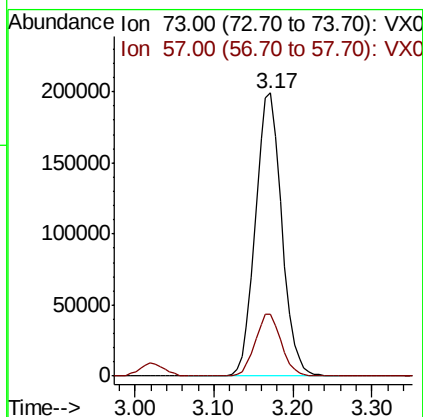
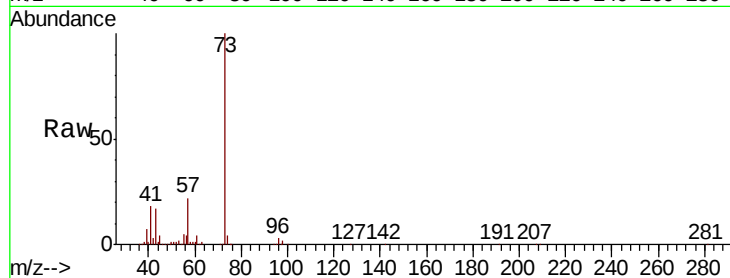


#19

Methyl tert-butyl Ether
 Concen: 52.881 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :

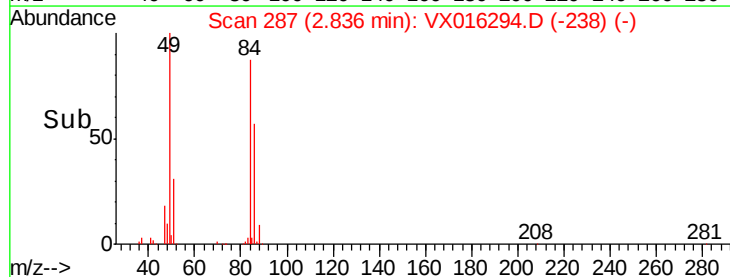
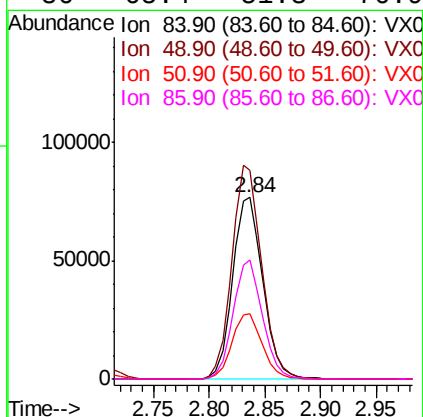
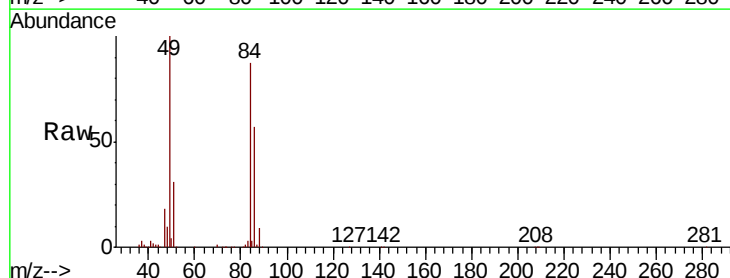
Tot Ion: 73 Resp: 462499
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.8 26.6

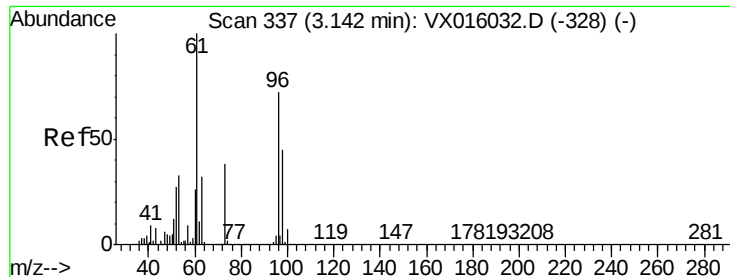


#20

Methylene Chloride
 Concen: 48.590 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Tgt Ion: 84 Resp: 143540
 Ion Ratio Lower Upper
 84 100
 49 114.7 97.3 145.9
 51 36.1 29.3 43.9
 86 65.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.211 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

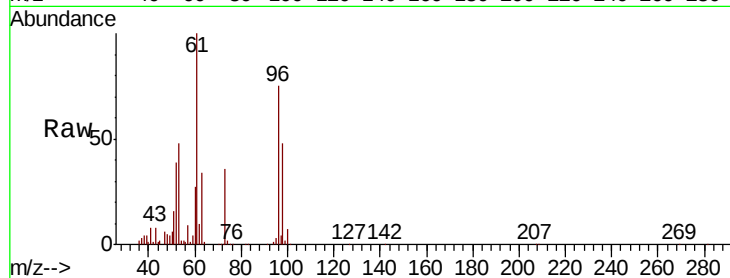
Tot Ion: 96 Resp: 136303

Ion Ratio Lower Upper

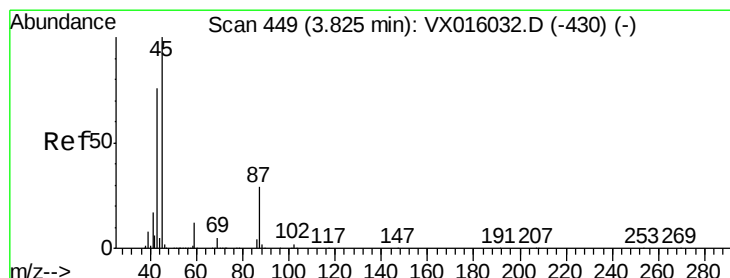
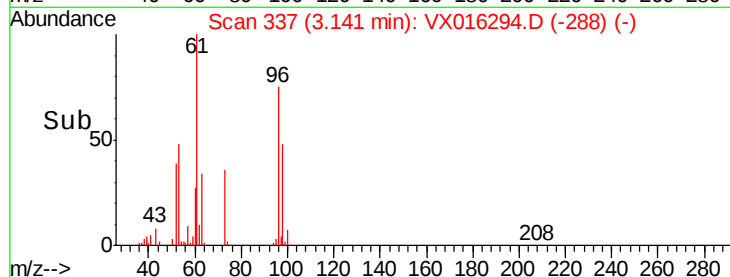
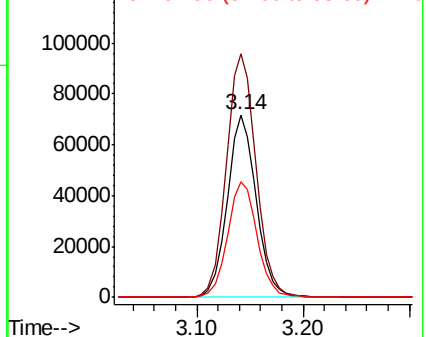
96 100

61 133.1 111.2 166.8

98 63.4 50.2 75.4



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: 50.169 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Tgt Ion: 45 Resp: 440286

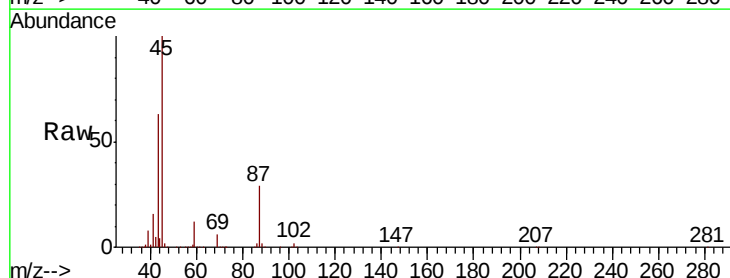
Ion Ratio Lower Upper

45 100

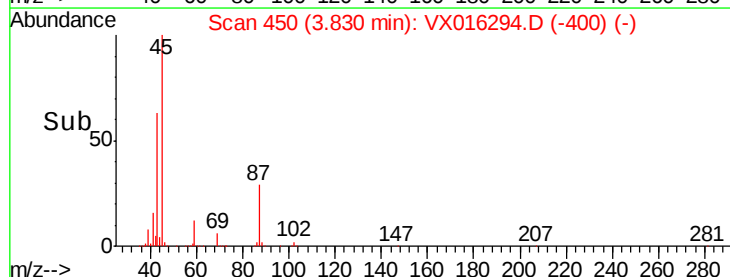
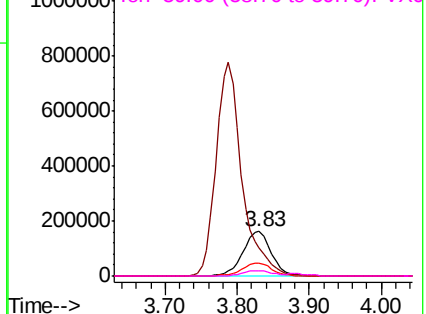
43 62.4 61.1 91.7

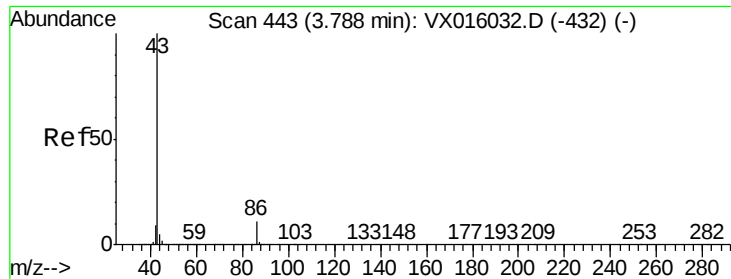
87 29.1 23.0 34.6

59 11.8 9.8 14.6



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

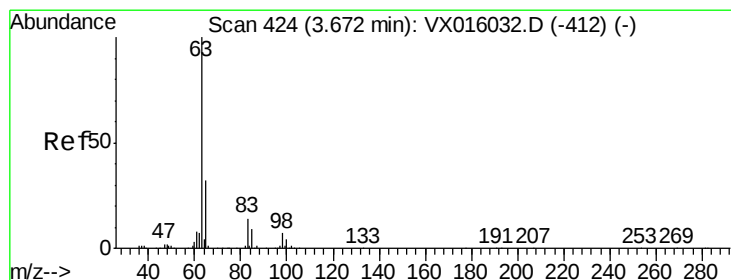
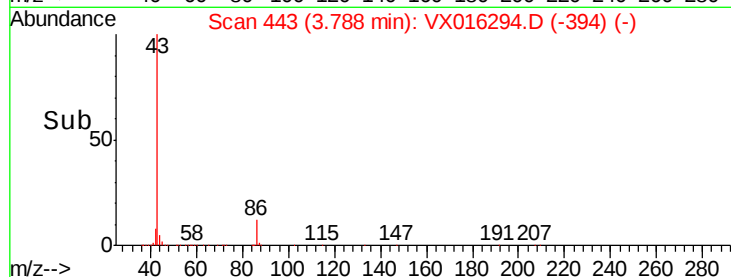
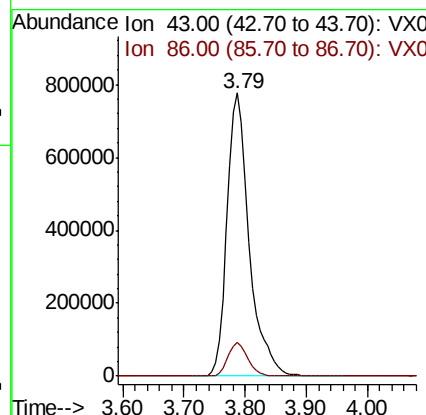
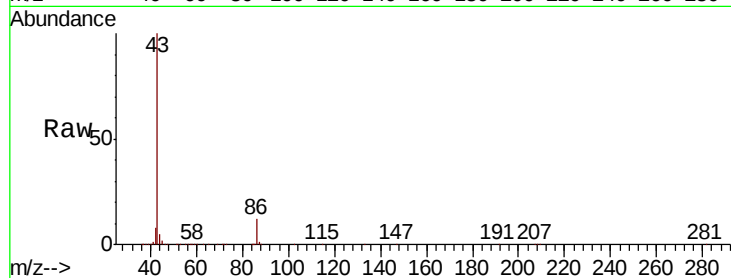




#23
 Vinyl Acetate
 Concen: 252.013 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

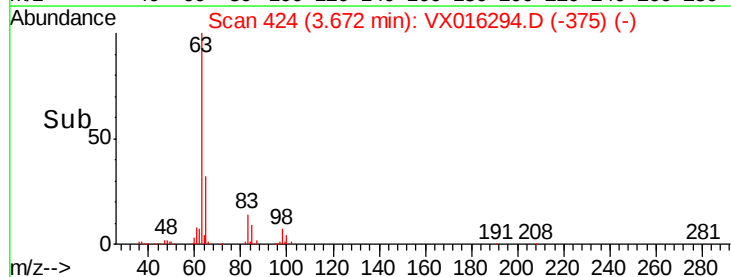
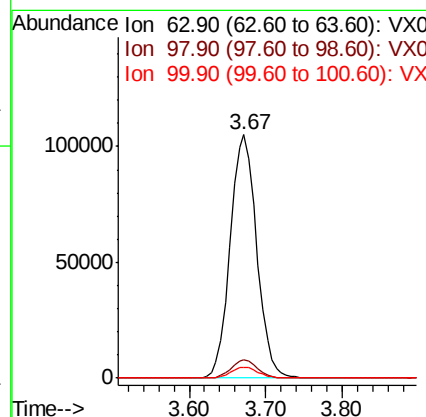
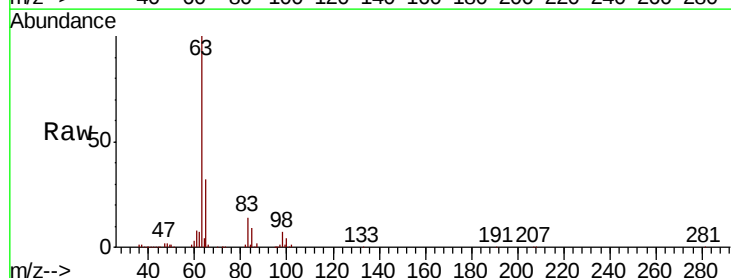
Instrument :
 MSVOA_X
 ClientSampleId :

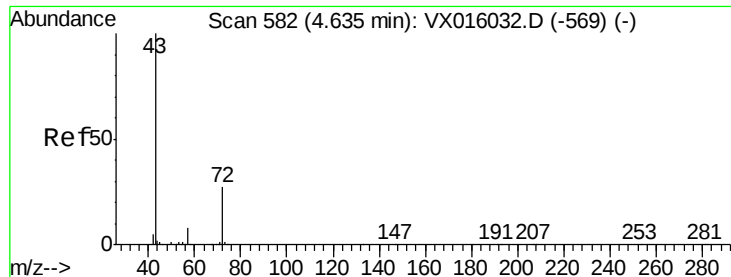
Tot Ion: 43 Resp: 1945784
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 51.239 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Tgt Ion: 63 Resp: 251545
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 260.406 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

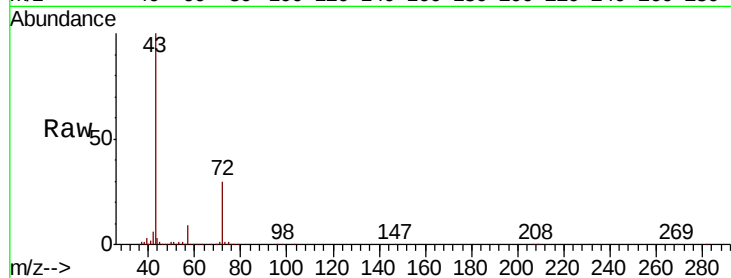
ClientSampleId :

Tot Ion: 43 Resp: 601315

Ion Ratio Lower Upper

43 100

72 29.5 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

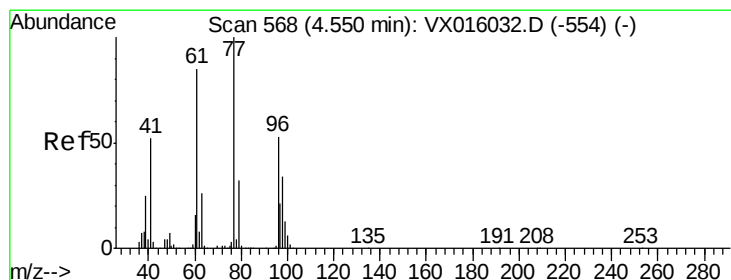
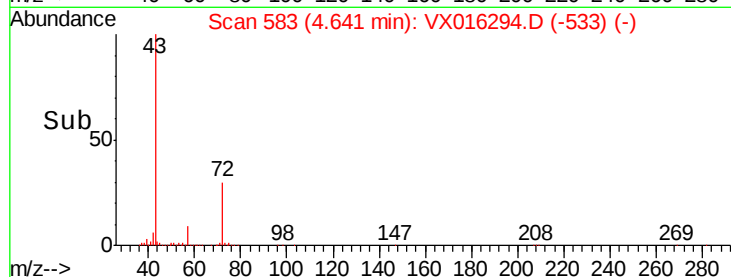
100000

50000

0

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 40.460 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016294.D

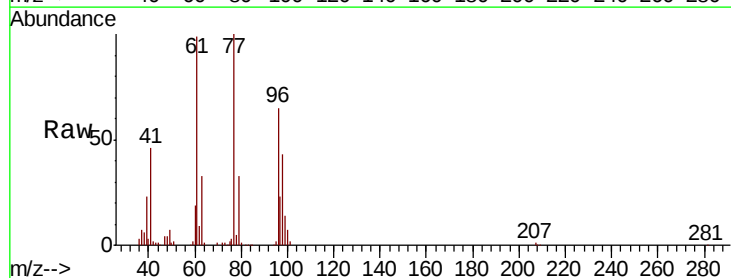
Acq: 15 May 2020 20:21

Tgt Ion: 77 Resp: 181396

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

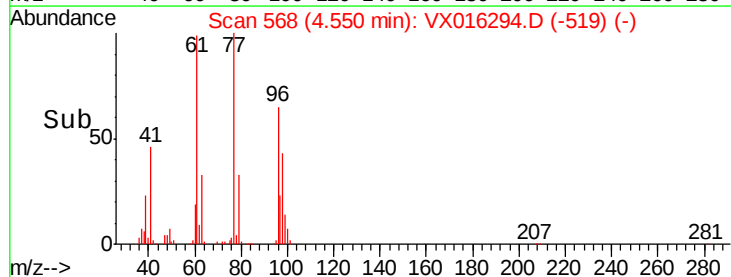
40000

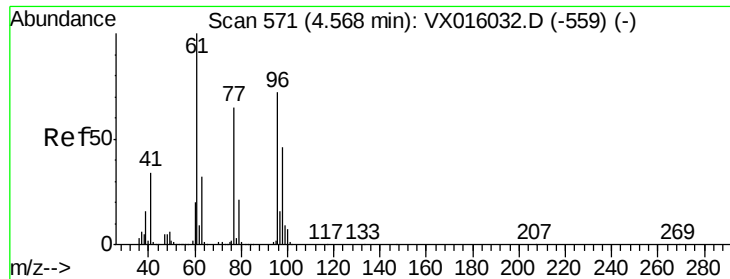
20000

0

4.40 4.50 4.60 4.70

Time-->



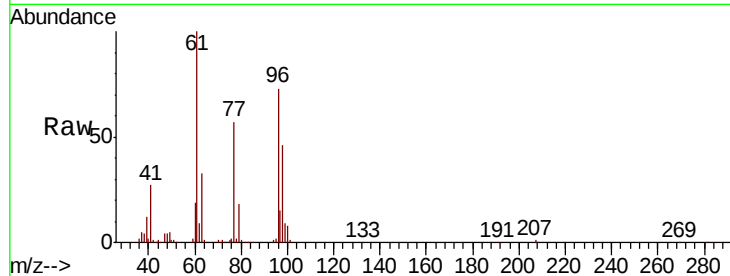


#27

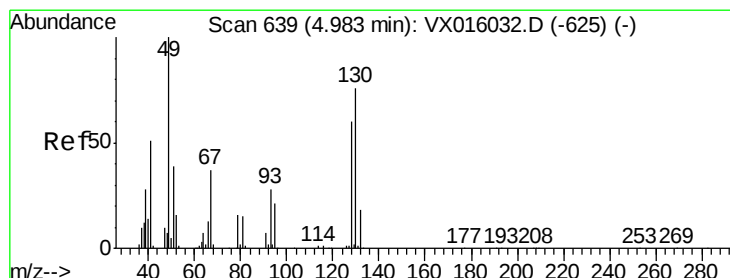
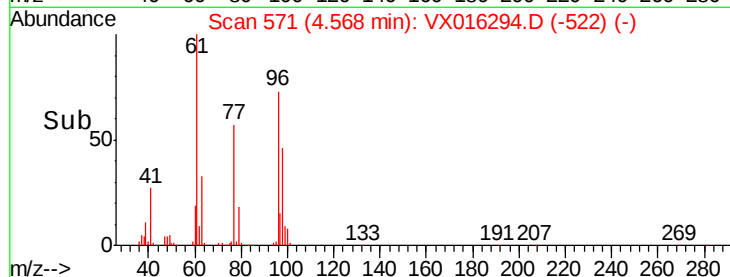
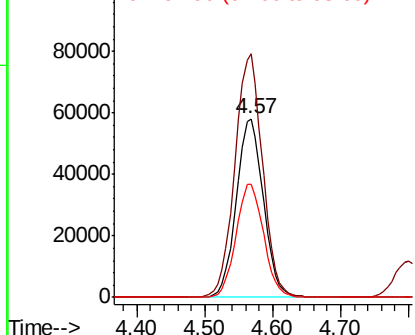
cis-1,2-Dichloroethene
 Concen: 52.003 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.5	0.0	296.2
98	64.4	0.0	129.4



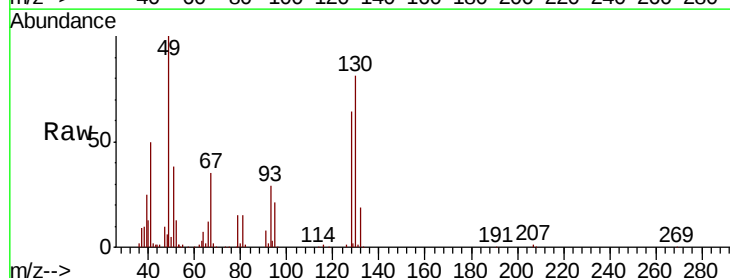
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



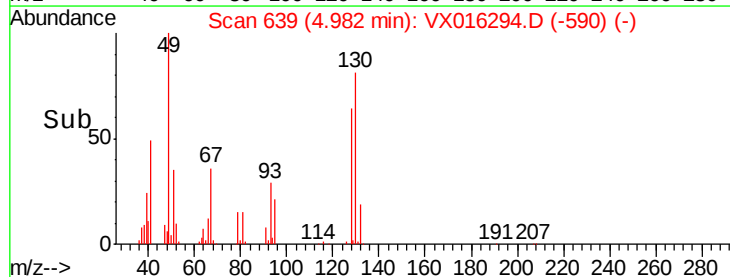
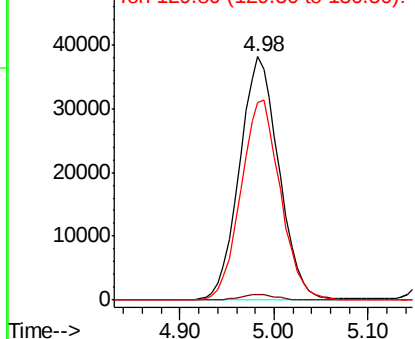
#28

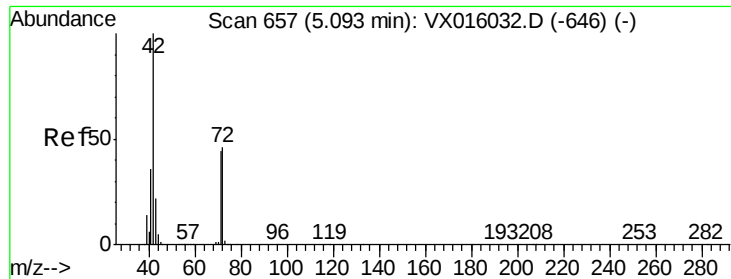
Bromochloromethane
 Concen: 49.892 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.0
130	82.1	62.4	93.6



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





#29

Tetrahydrofuran

Concen: 256.346 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

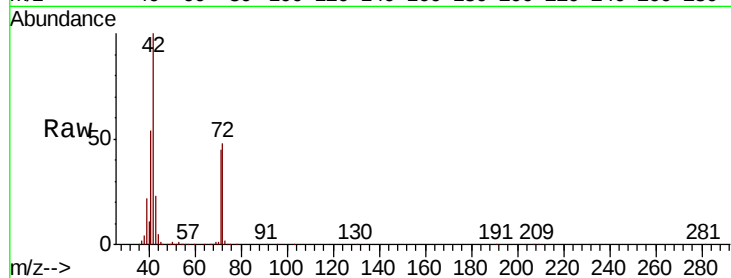
Tot Ion: 42 Resp: 392220

Ion Ratio Lower Upper

42 100

72 48.8 37.1 55.7

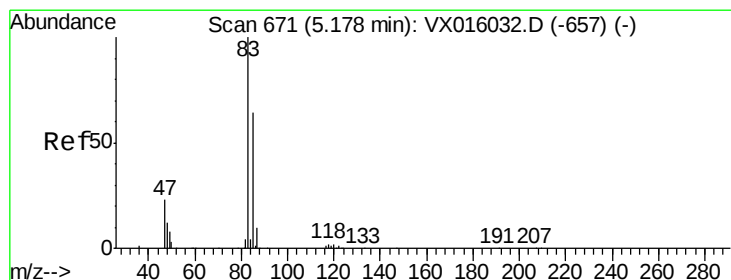
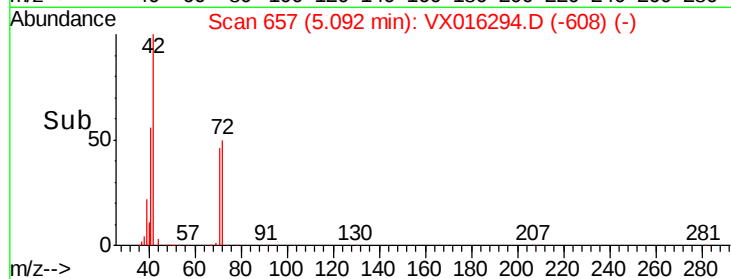
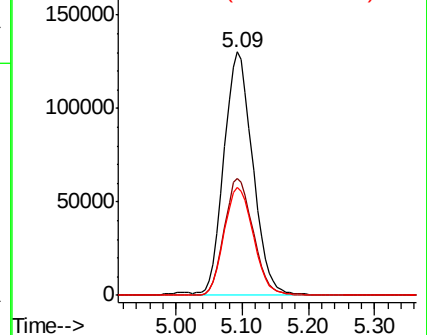
71 45.1 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.227 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016294.D

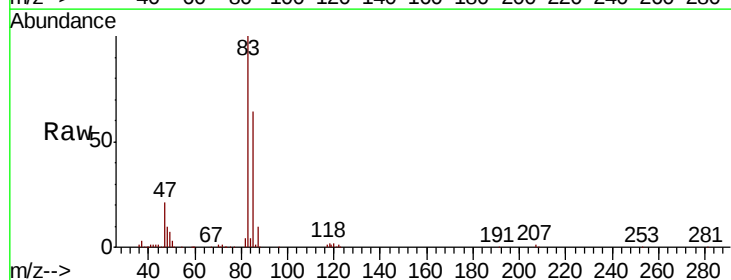
Acq: 15 May 2020 20:21

Tgt Ion: 83 Resp: 255286

Ion Ratio Lower Upper

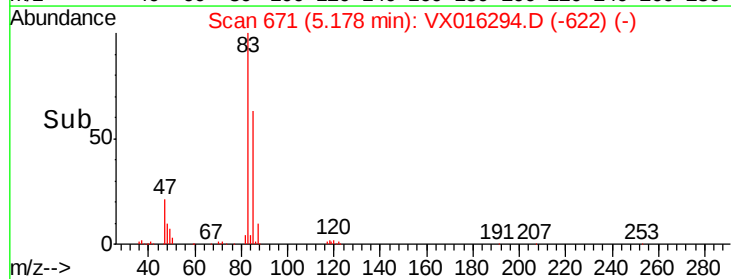
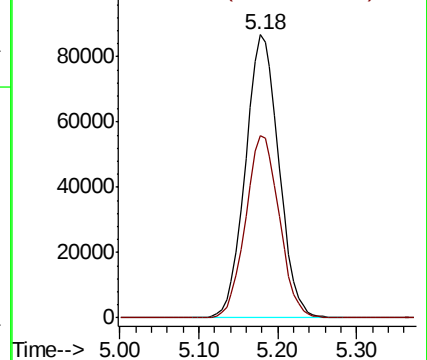
83 100

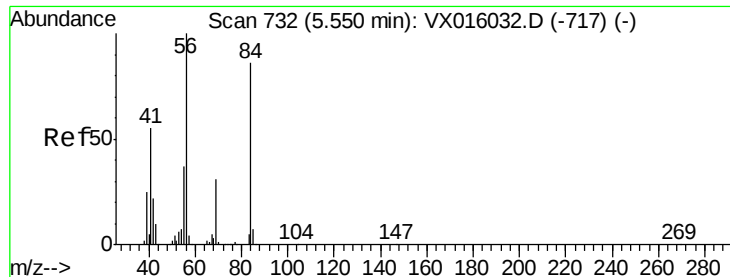
85 64.2 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

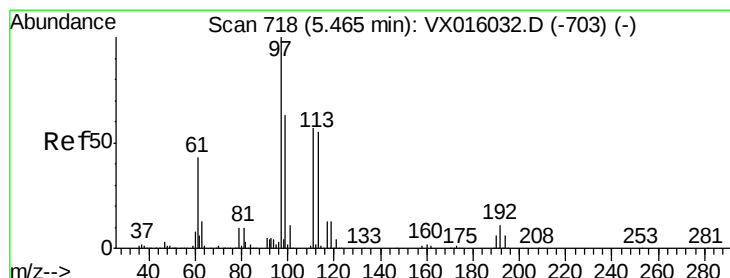
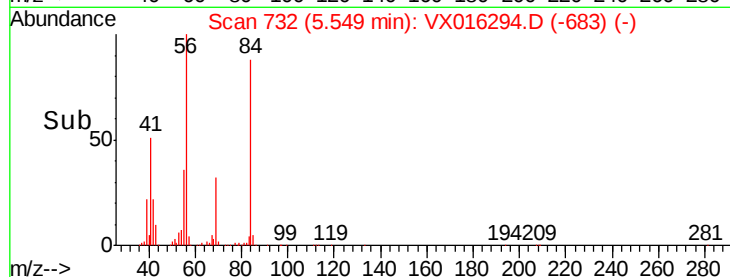
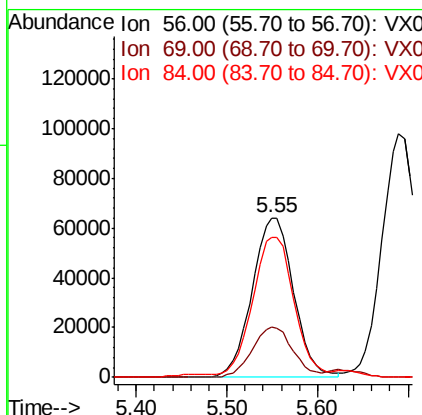
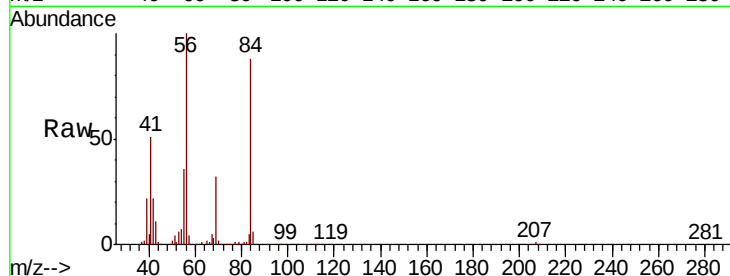




#31
Cyclohexane
Concen: 45.295 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

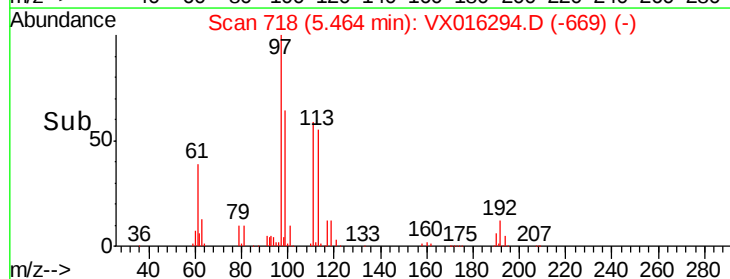
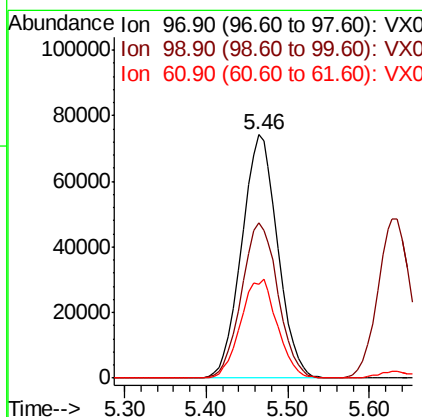
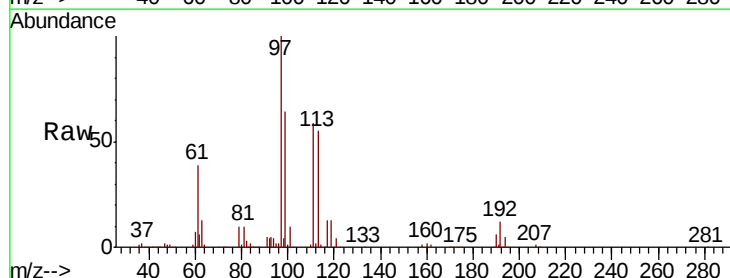
Instrument :
MSVOA_X
ClientSampleId :

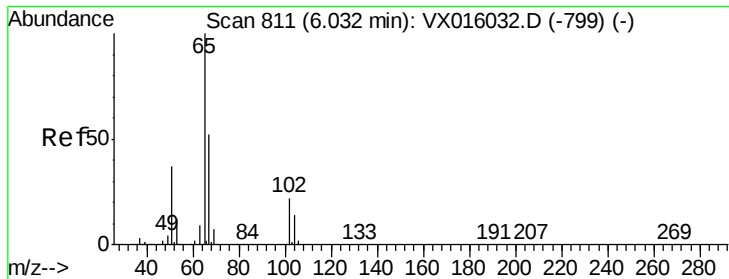
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.0	37.6
84	85.8	69.0	103.6



#32
1,1,1-Trichloroethane
Concen: 51.248 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.4
61	41.4	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 47.872 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

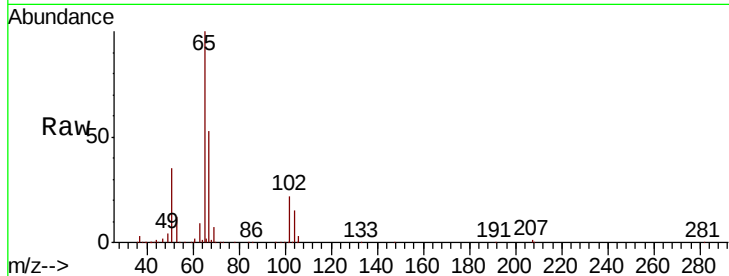
ClientSampleId :

Tot Ion: 65 Resp: 153748

Ion Ratio Lower Upper

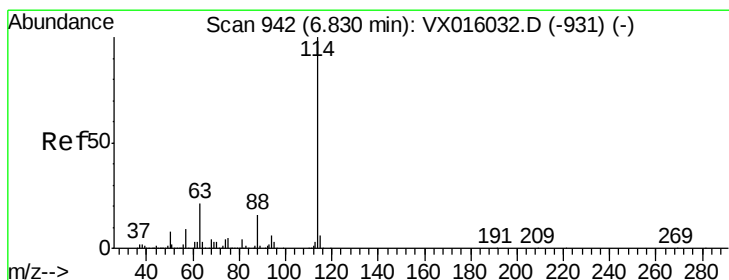
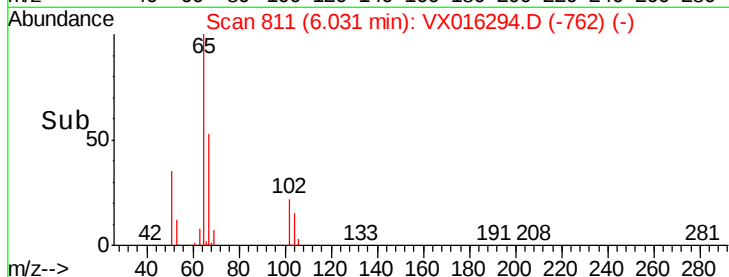
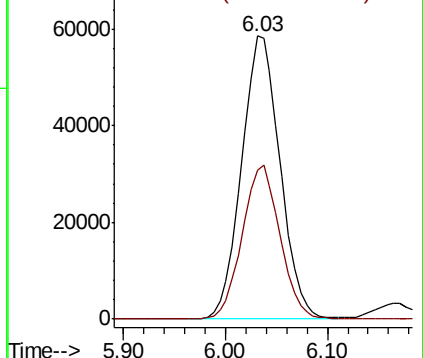
65 100

67 53.4 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: VX016294.D

Acq: 15 May 2020 20:21

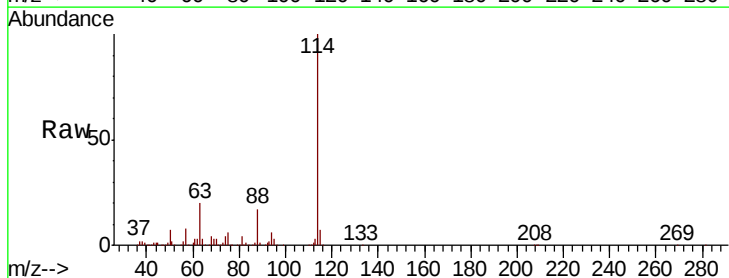
Tgt Ion: 114 Resp: 408117

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

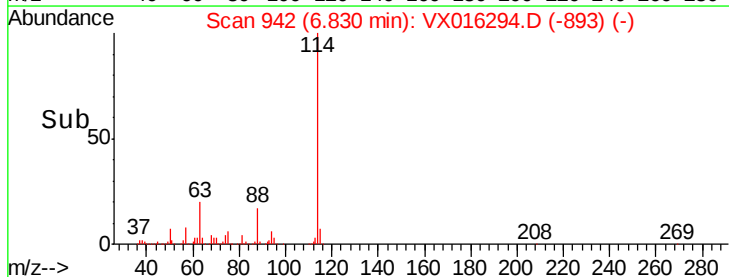
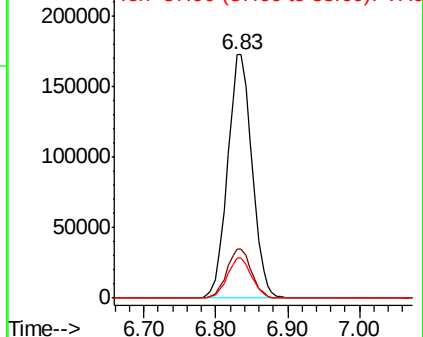
88 16.5 0.0 31.4

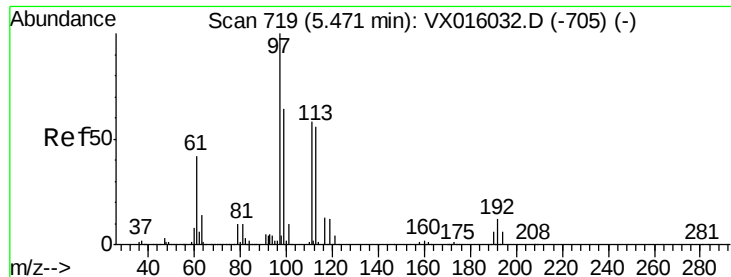


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.296 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :

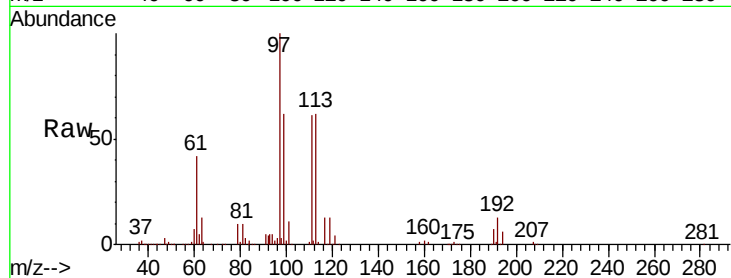
Tot Ion:113 Resp: 124873

Ion Ratio Lower Upper

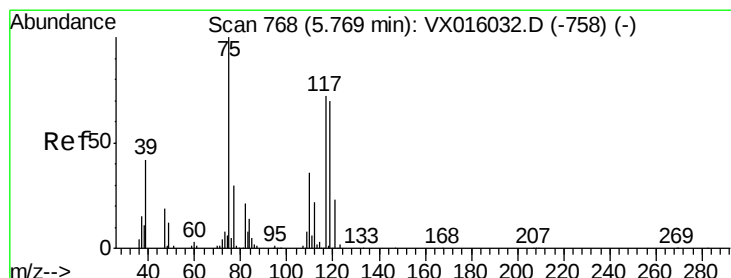
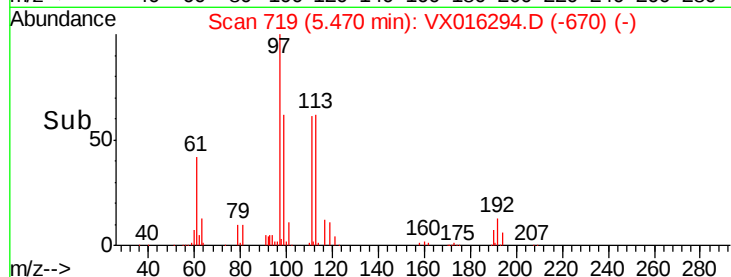
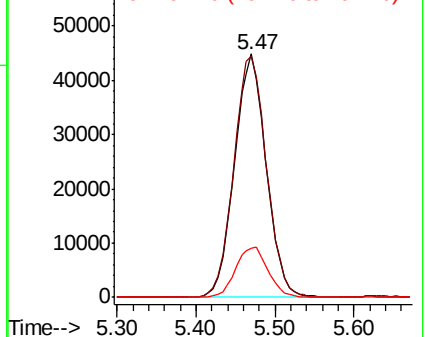
113 100

111 102.2 81.6 122.4

192 21.2 17.0 25.4



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: 47.204 ug/l

RT: 5.77 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

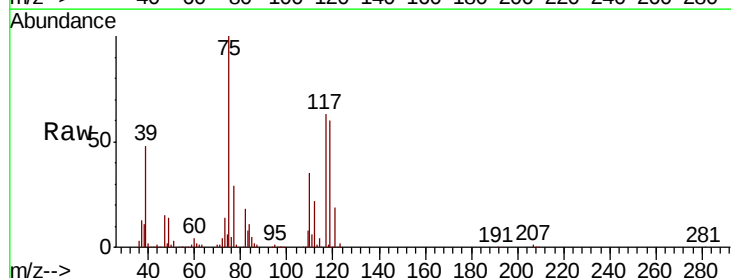
Tgt Ion: 75 Resp: 189634

Ion Ratio Lower Upper

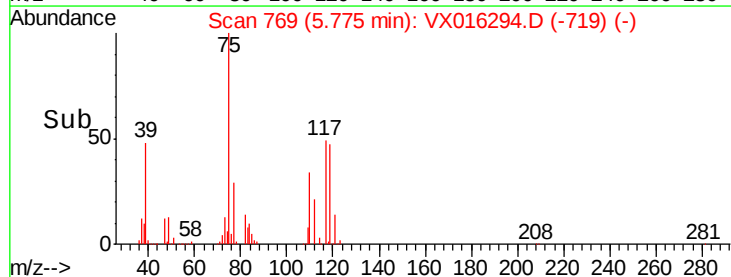
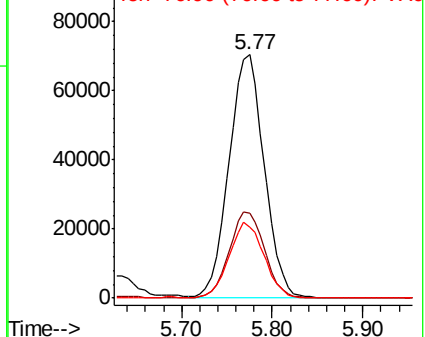
75 100

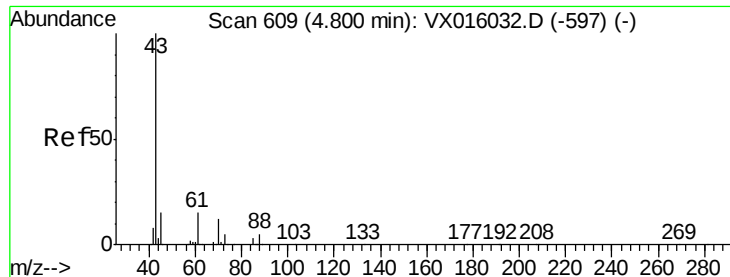
110 35.6 18.1 54.1

77 30.9 25.0 37.6



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

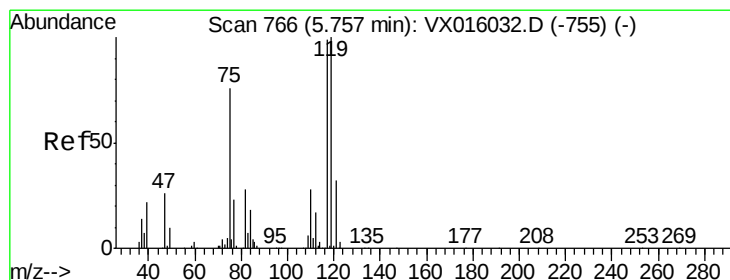
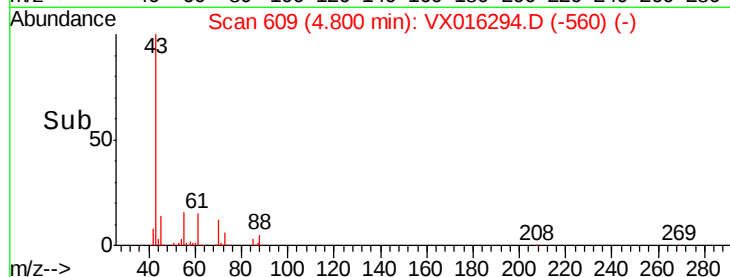
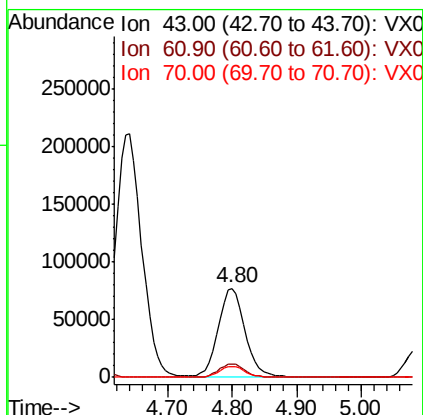
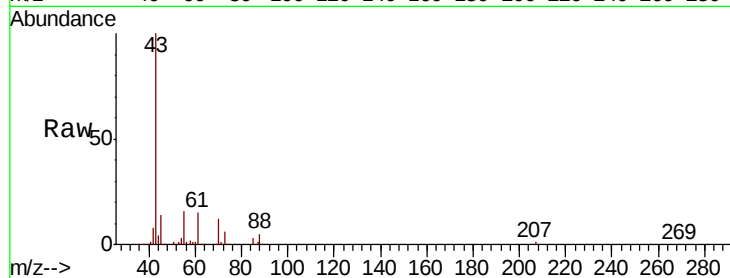




#37
Ethyl Acetate
Concen: 48.640 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

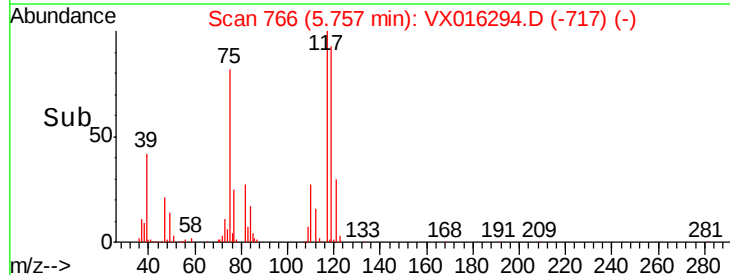
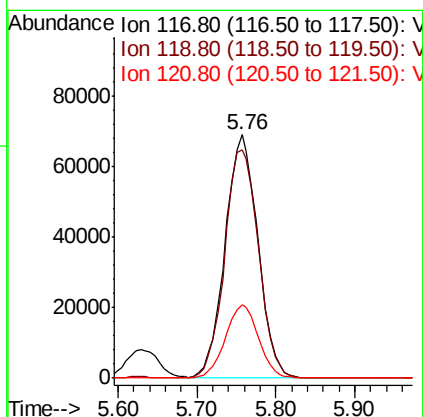
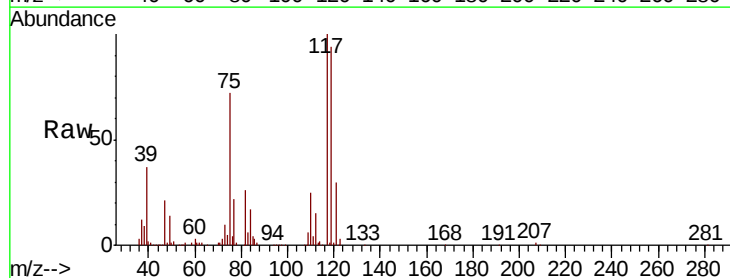
Instrument :
MSVOA_X
ClientSampled :

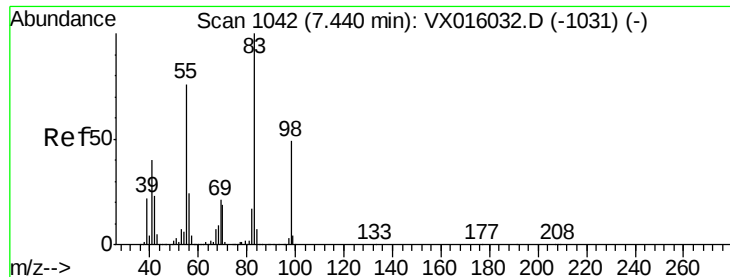
Tot Ion: 43 Resp: 226478
Ion Ratio Lower Upper
43 100
61 15.2 11.7 17.5
70 12.3 9.3 13.9



#38
Carbon Tetrachloride
Concen: 48.804 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion: 117 Resp: 199285
Ion Ratio Lower Upper
117 100
119 93.6 80.3 120.5
121 30.2 25.7 38.5

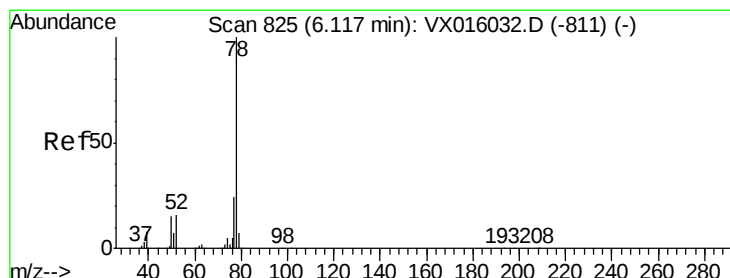
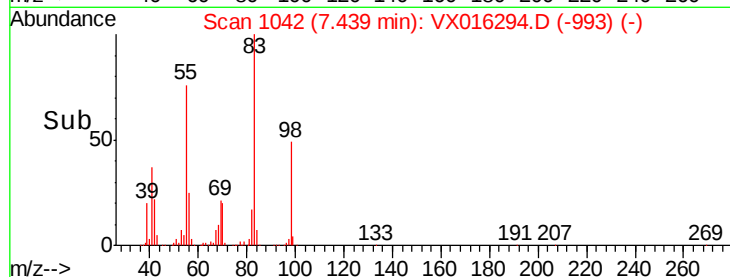
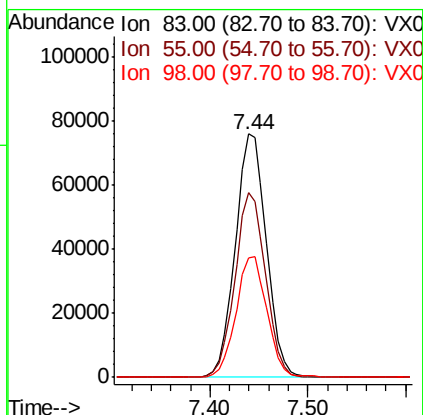
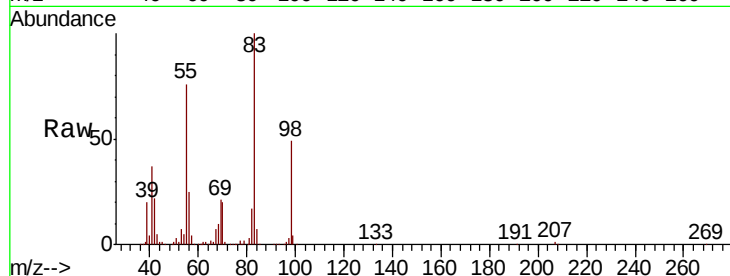




#39
Methvlcvclohexane
Concen: 34.639 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

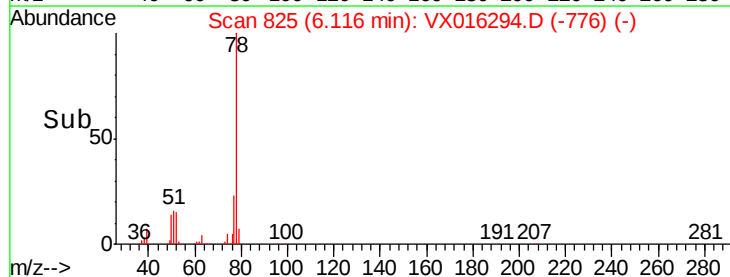
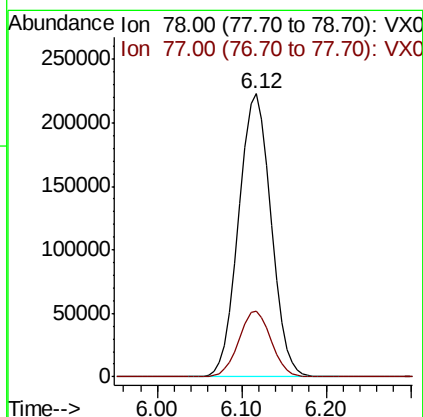
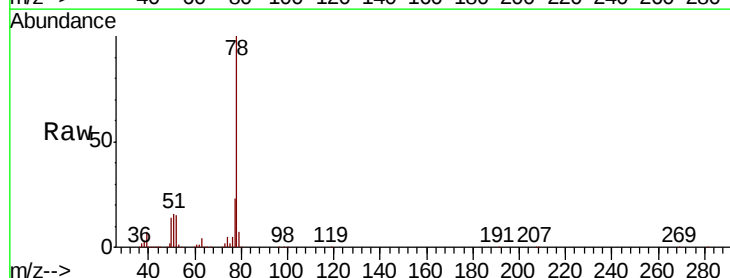
Instrument :
MSVOA_X
ClientSampleId :

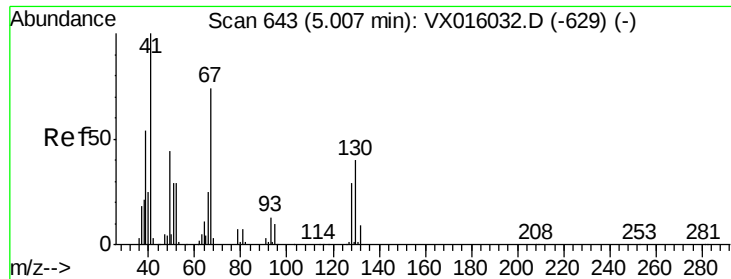
Tot Ion: 83 Resp: 167582
Ion Ratio Lower Upper
83 100
55 75.6 61.1 91.7
98 49.3 39.0 58.4



#40
Benzene
Concen: 49.443 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion: 78 Resp: 581174
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4

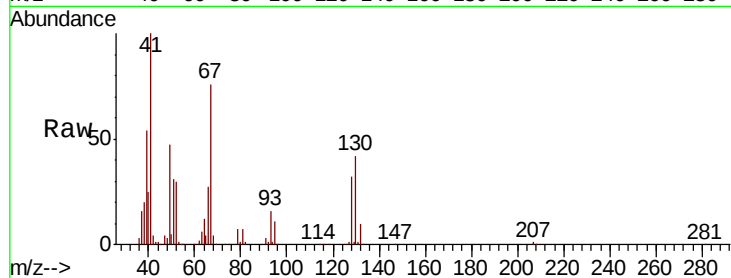




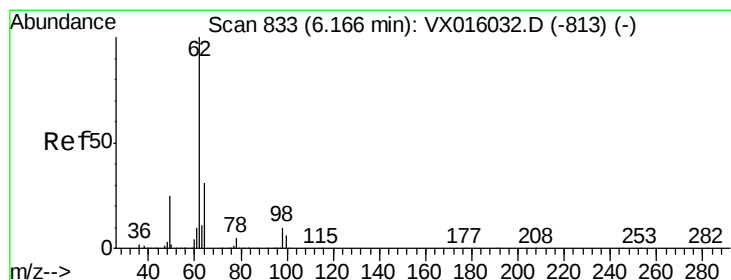
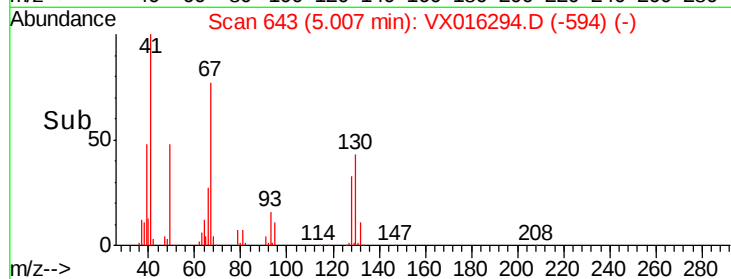
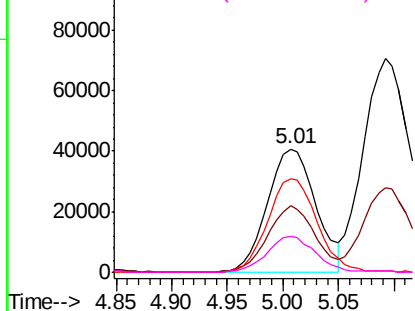
#41
Methacrylonitrile
Concen: 49.098 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	123460
Ion	Ratio	Lower	Upper
41	100		
39	52.1	43.2	64.8
67	77.4	59.3	88.9
52	29.6	23.5	35.3

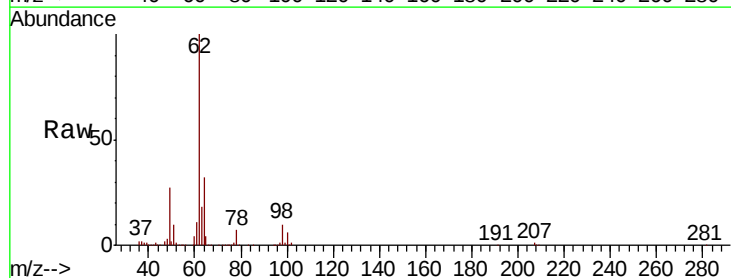


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

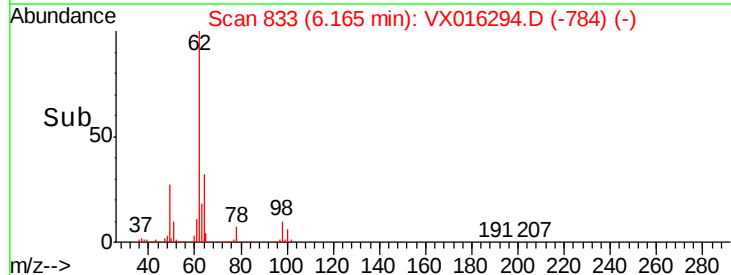
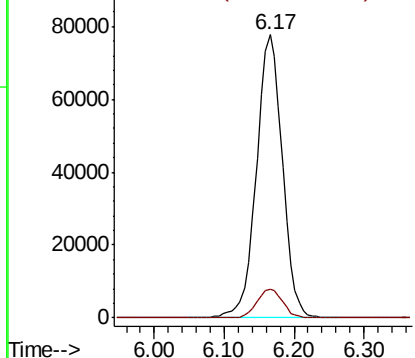


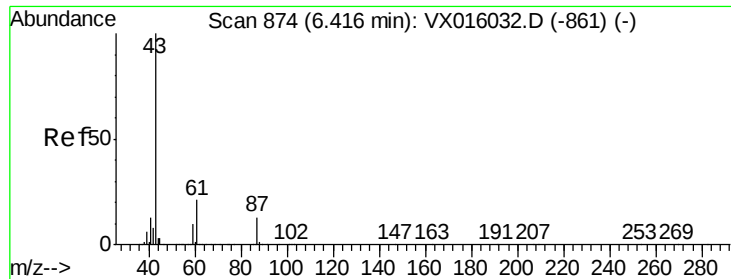
#42
1,2-Dichloroethane
Concen: 47.531 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion:	62	Resp:	201264
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4



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



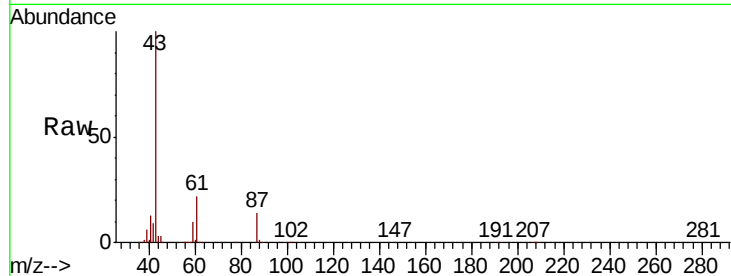


#43

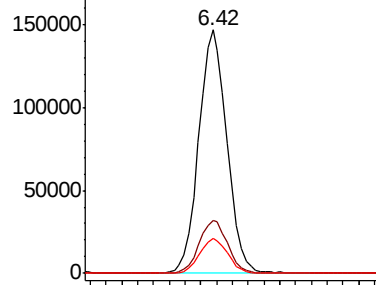
Isopropyl Acetate
 Concen: 48.557 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :

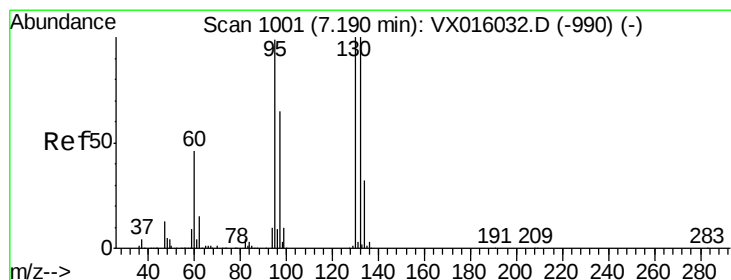
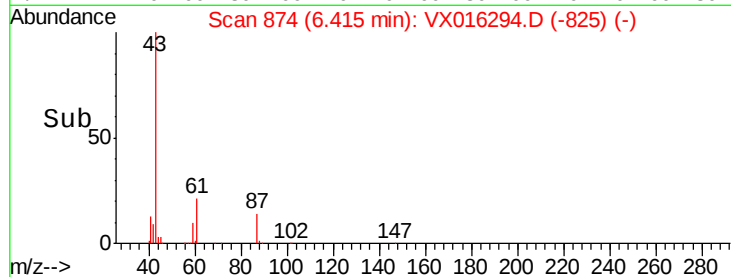
Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	17.0	25.4
87	14.5	11.0	16.6



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



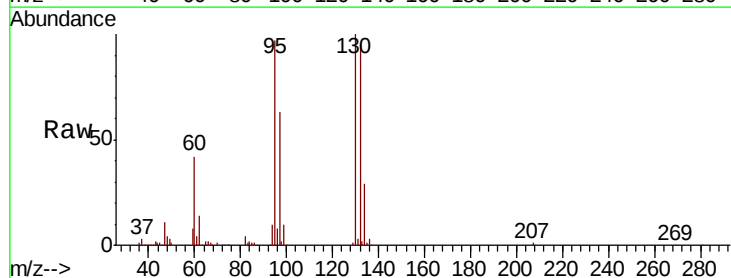
Time-->



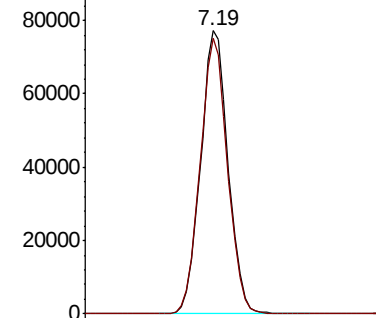
#44

Trichloroethene
 Concen: 40.227 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

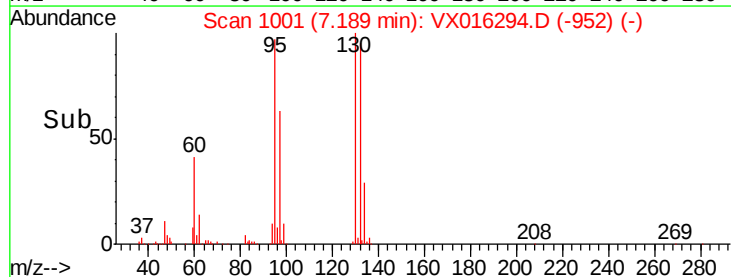
Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	197.4

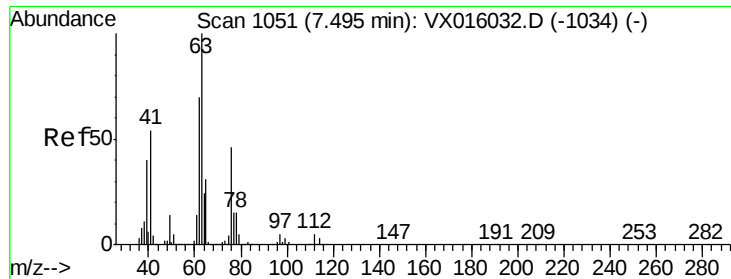


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0



Time-->





#45

1,2-Dichloropropane

Concen: 50.831 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

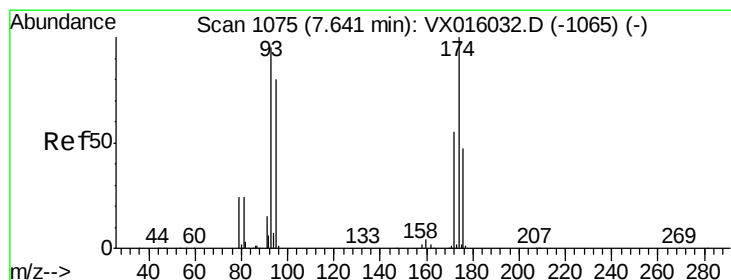
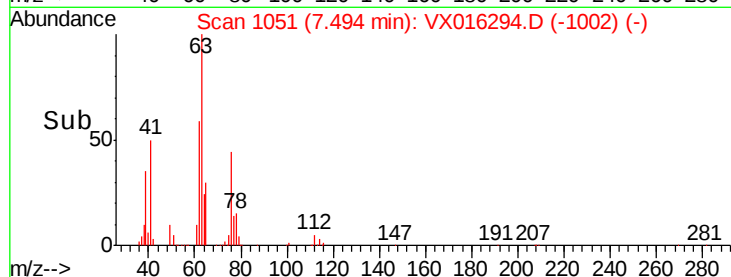
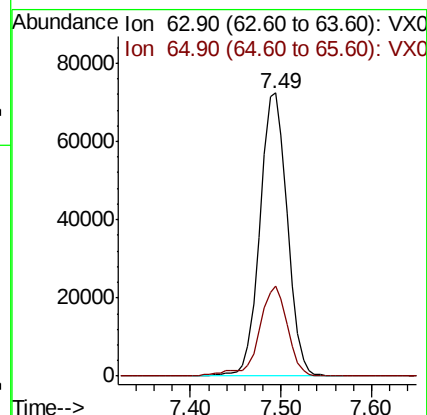
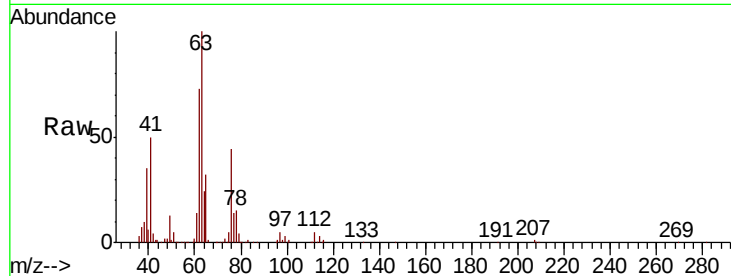
ClientSampled :

Tot Ion: 63 Resp: 151185

Ion Ratio Lower Upper

63 100

65 31.6 24.4 36.6



#46

Dibromomethane

Concen: 49.637 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

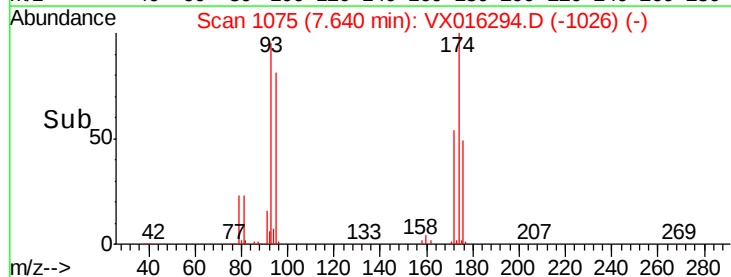
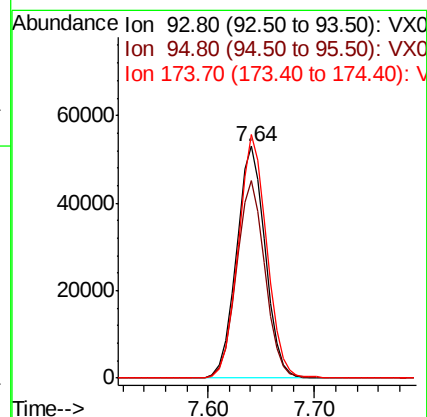
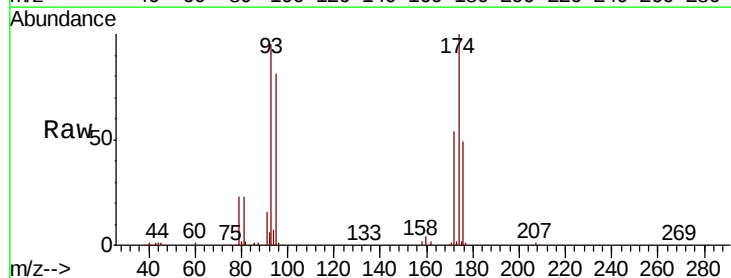
Tgt Ion: 93 Resp: 100329

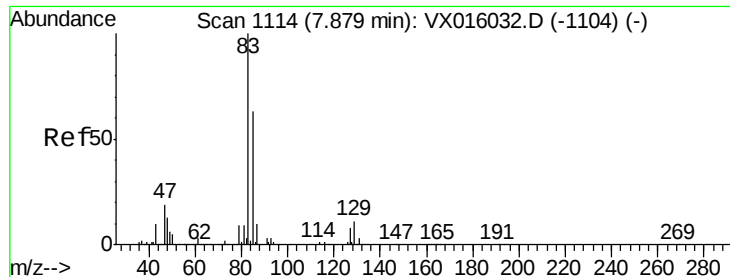
Ion Ratio Lower Upper

93 100

95 84.2 66.6 100.0

174 104.1 84.2 126.4





#47

Bromodichloromethane

Concen: 50.828 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

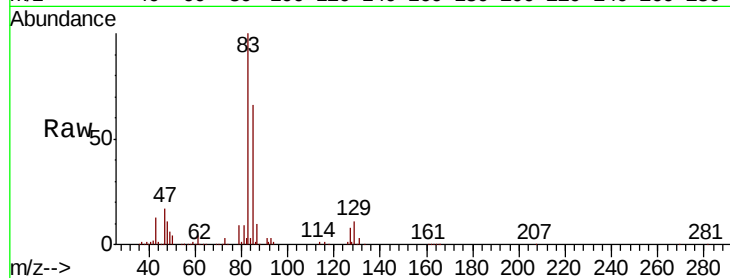
Tot Ion: 83 Resp: 209236

Ion Ratio Lower Upper

83 100

85 65.6 50.5 75.7

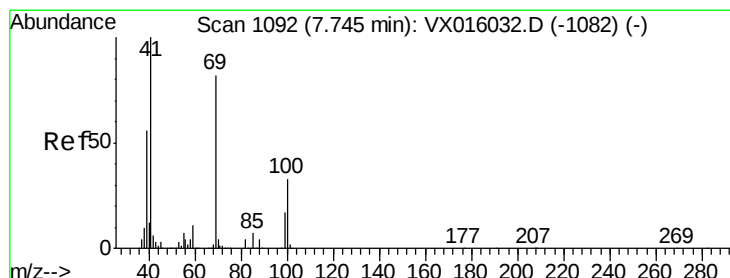
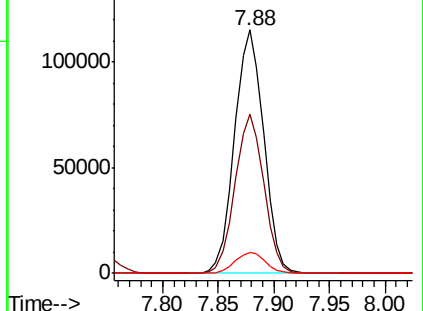
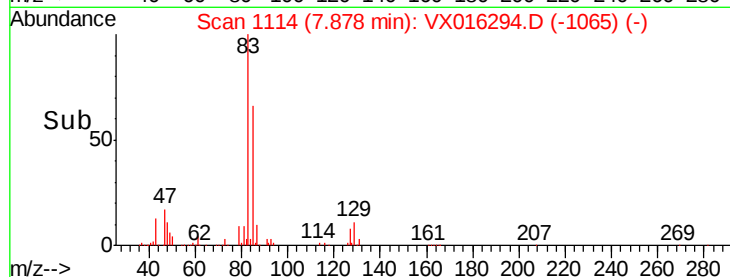
127 8.5 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.598 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

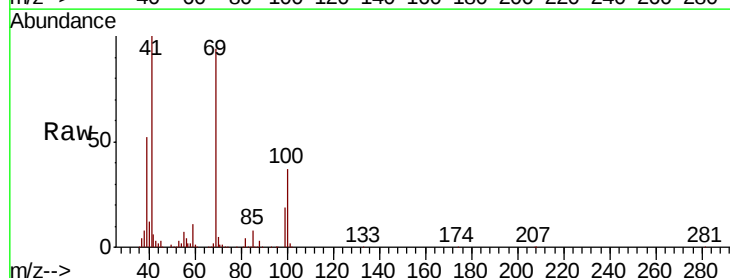
Tgt Ion: 41 Resp: 171080

Ion Ratio Lower Upper

41 100

69 90.6 67.8 101.6

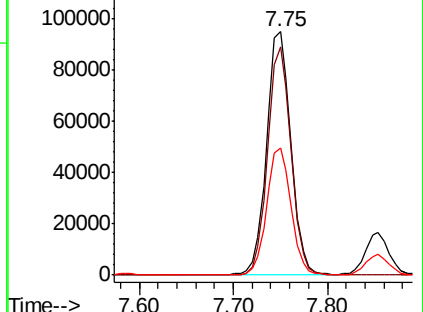
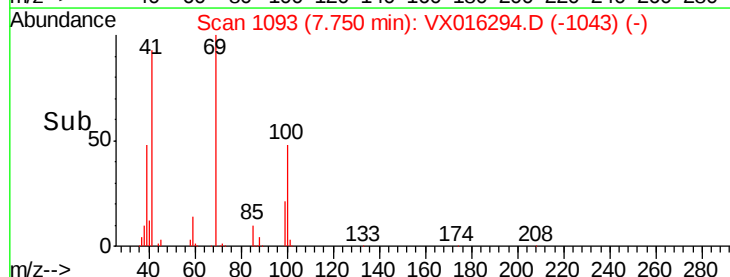
39 52.3 44.6 67.0

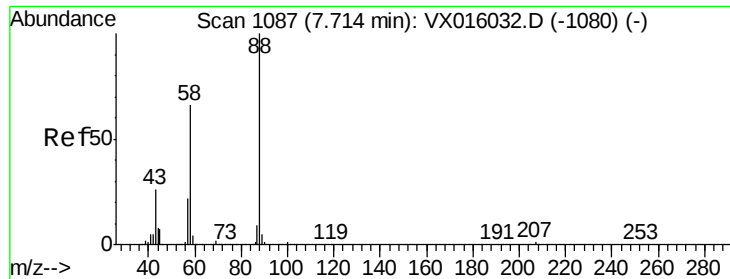


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 952.598 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

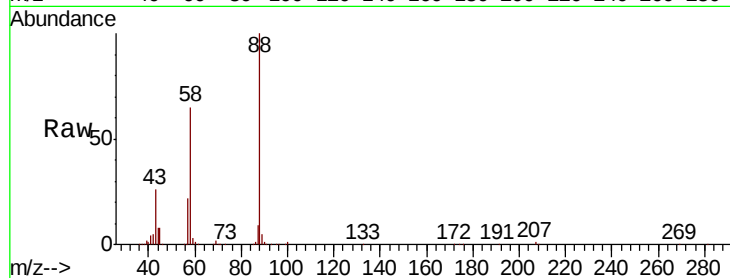
Tot Ion: 88 Resp: 80426

Ion Ratio Lower Upper

88 100

43 29.3 25.3 37.9

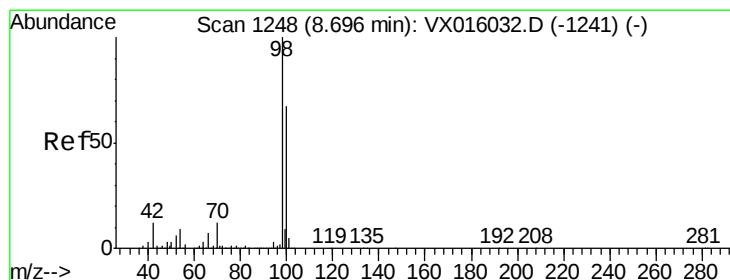
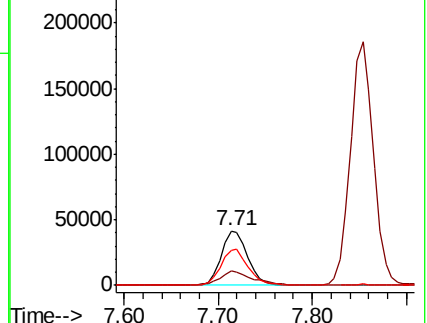
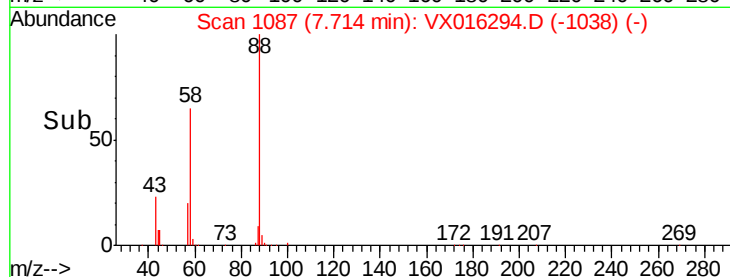
58 68.2 55.9 83.9



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: 49.023 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016294.D

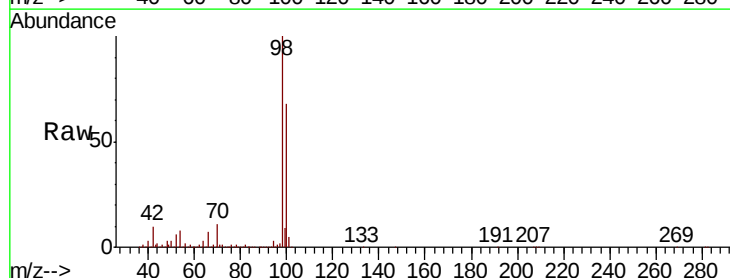
Acq: 15 May 2020 20:21

Tgt Ion: 98 Resp: 488386

Ion Ratio Lower Upper

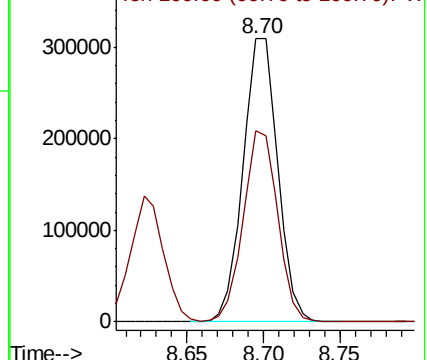
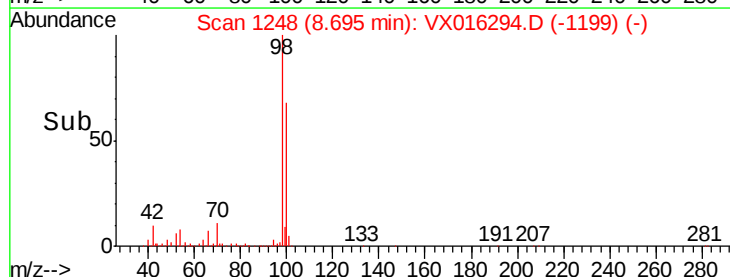
98 100

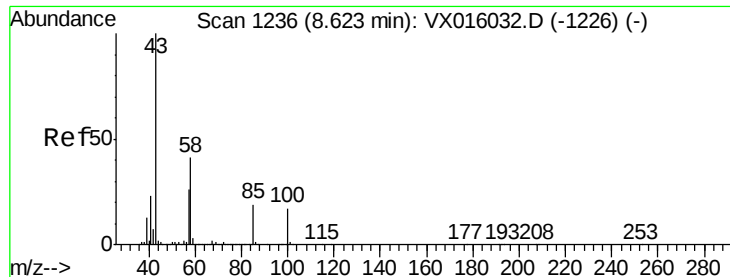
100 66.8 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 254.558 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

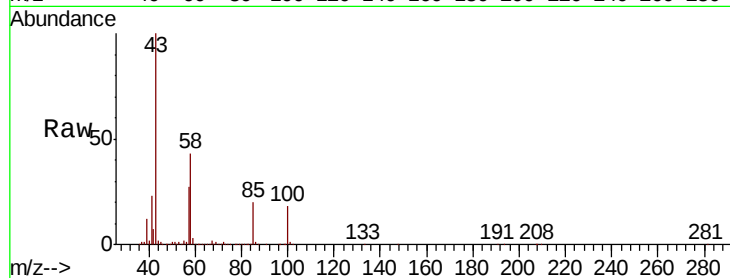
ClientSampled :

Tot Ion: 43 Resp: 1157272

Ion Ratio Lower Upper

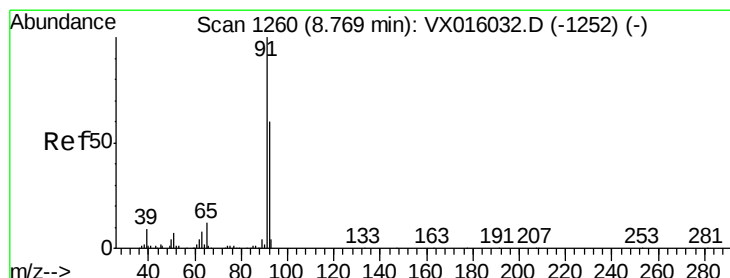
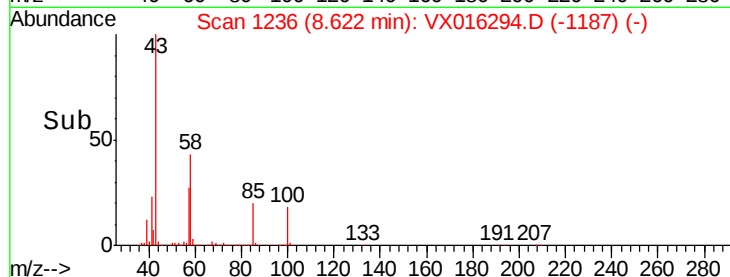
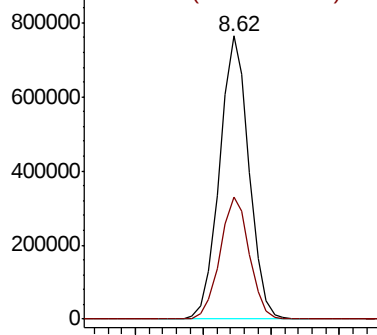
43 100

58 43.1 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.517 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016294.D

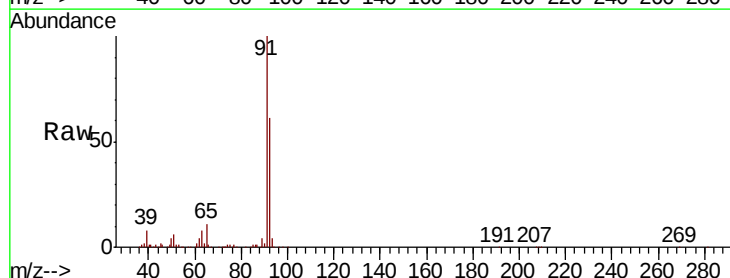
Acq: 15 May 2020 20:21

Tgt Ion: 92 Resp: 370127

Ion Ratio Lower Upper

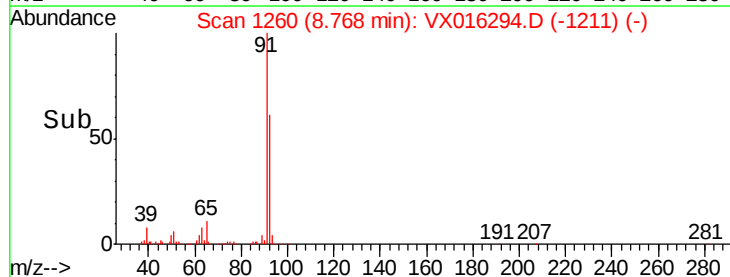
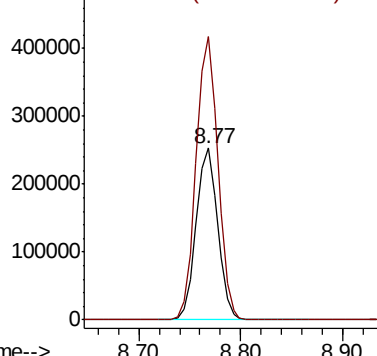
92 100

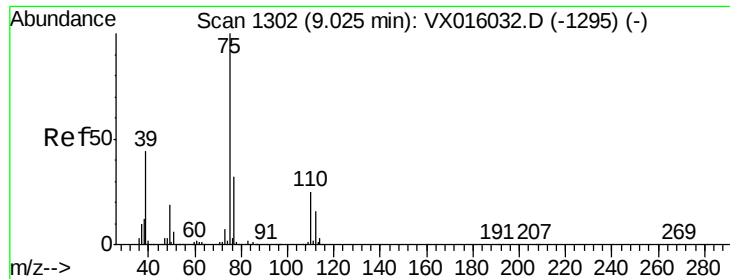
91 167.1 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 48.841 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

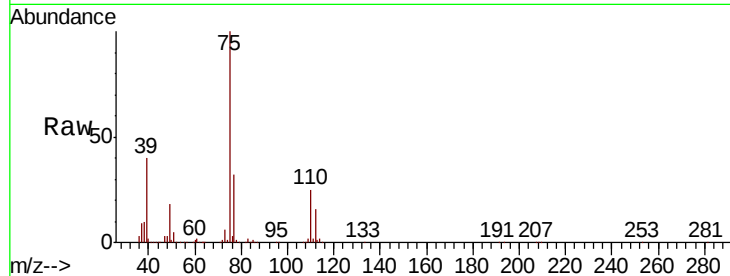
ClientSampleId :

Tot Ion: 75 Resp: 239723

Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

150000

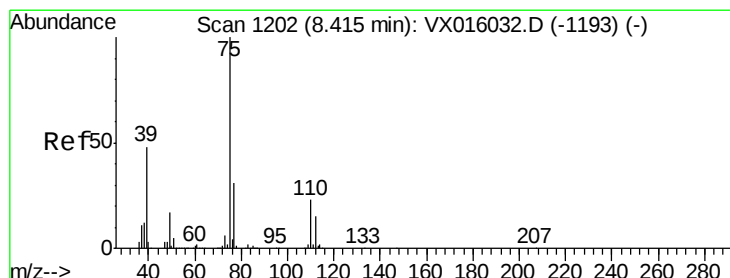
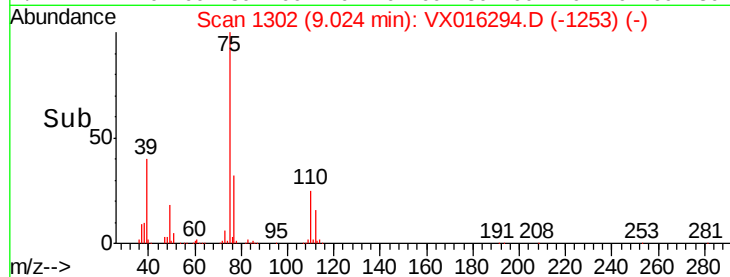
100000

50000

0

Time-->

9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 49.100 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

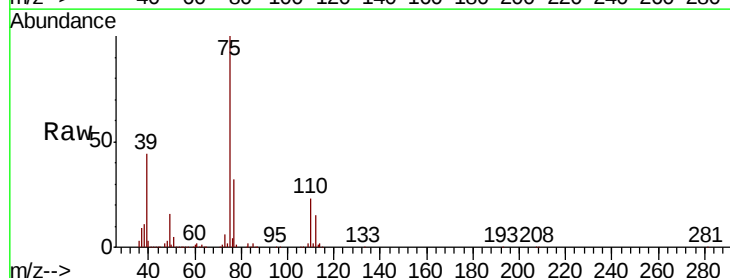
Tgt Ion: 75 Resp: 251719

Ion Ratio Lower Upper

75 100

77 32.1 24.7 37.1

39 43.9 38.7 58.1



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

8.41

150000

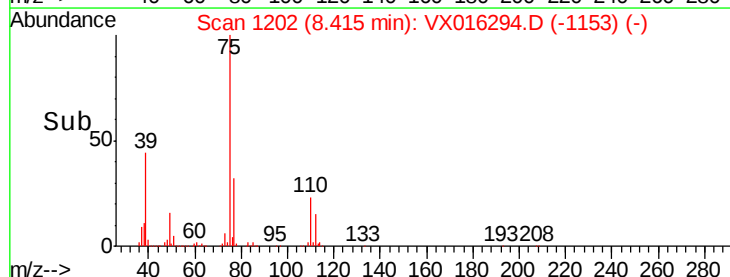
100000

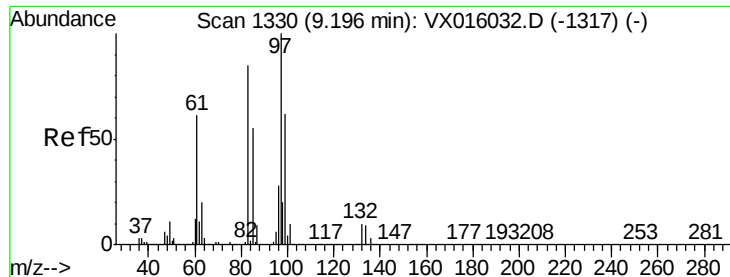
50000

0

Time-->

8.35 8.40 8.45 8.50

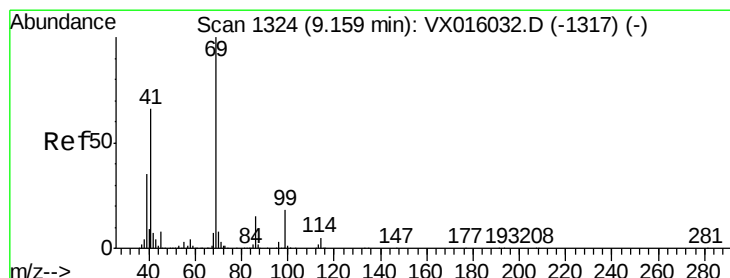
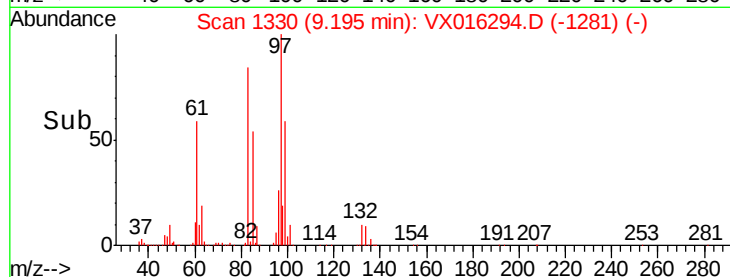
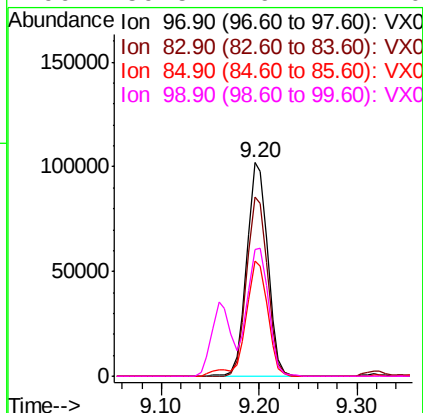
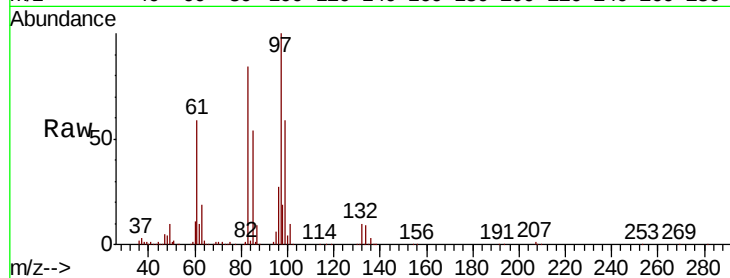




#55
 1,1,2-Trichloroethane
 Concen: 52.627 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

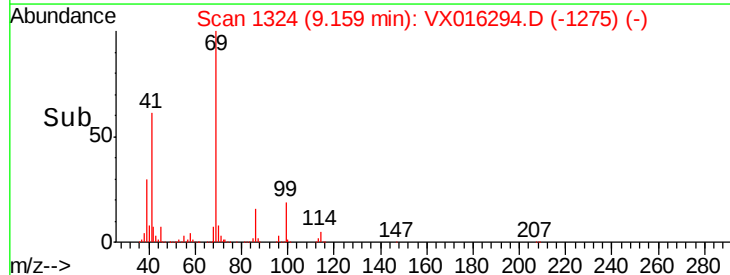
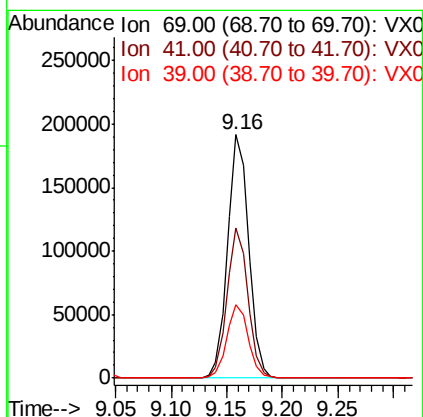
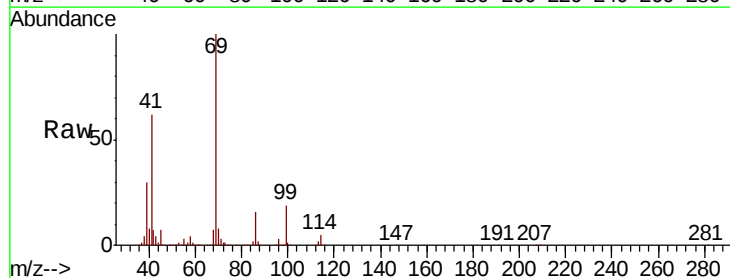
Instrument :
 MSVOA_X
 ClientSampleId :

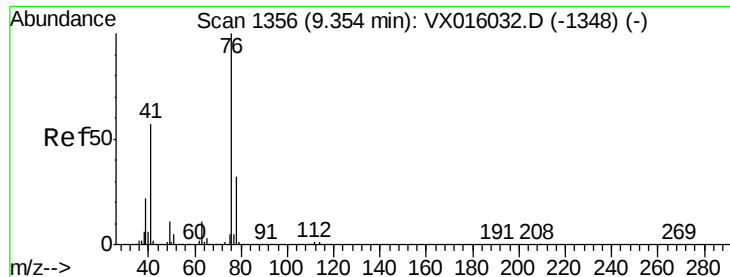
Tot Ion:	97	Resp:	151705
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.8	101.8
85	54.2	43.8	65.8
99	59.5	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 53.528 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Tgt Ion:	69	Resp:	251866
Ion	Ratio	Lower	Upper
69	100		
41	60.8	52.2	78.4
39	30.5	28.2	42.4





#57

1,3-Dichloropropane

Concen: 51.808 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

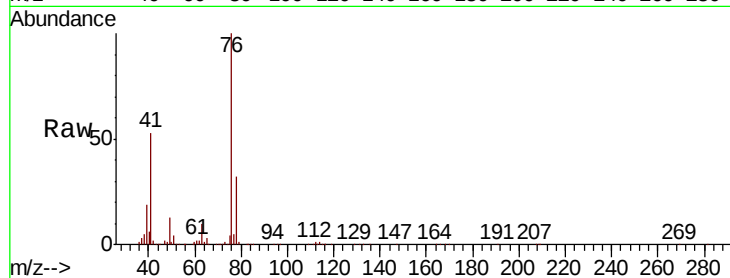
ClientSampleId :

Tot Ion: 76 Resp: 260587

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

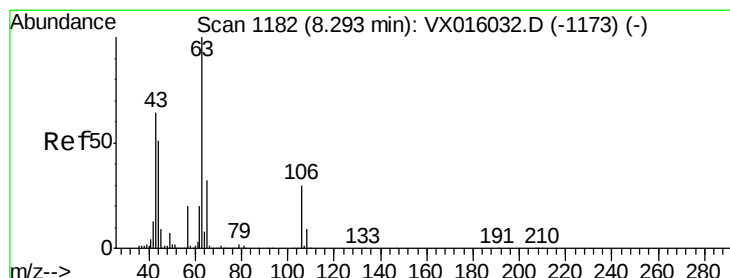
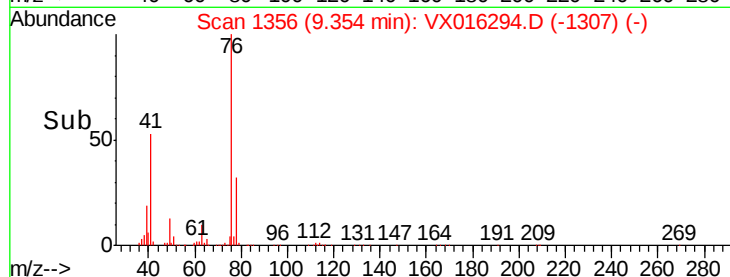
100000

50000

0

Time-->

9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 248.581 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016294.D

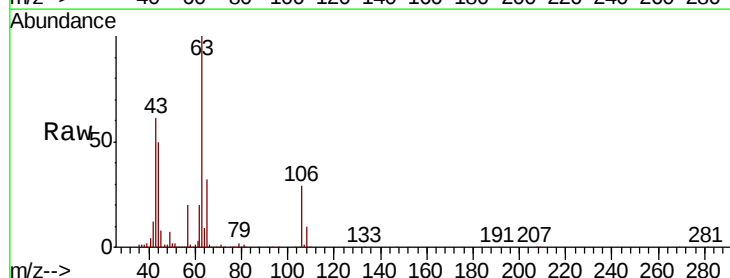
Acq: 15 May 2020 20:21

Tgt Ion: 63 Resp: 622698

Ion Ratio Lower Upper

63 100

106 30.0 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

300000

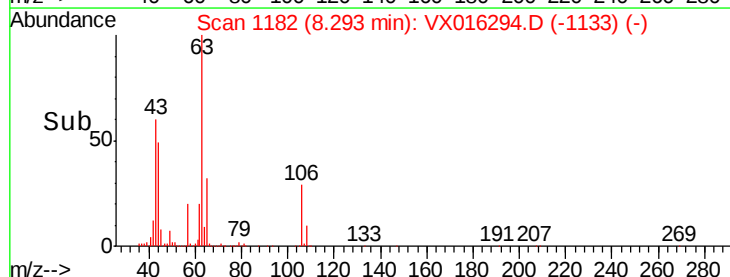
200000

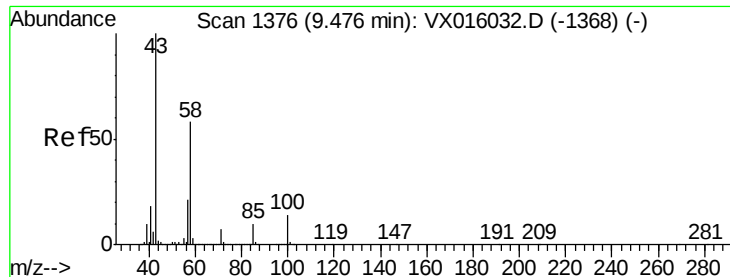
100000

0

Time-->

8.20 8.25 8.30 8.35 8.40

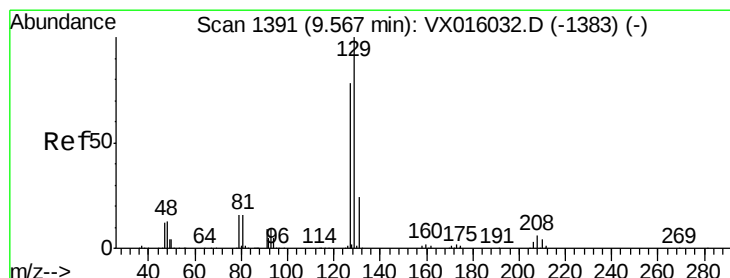
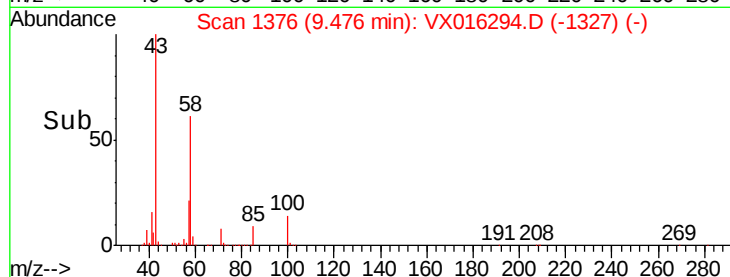
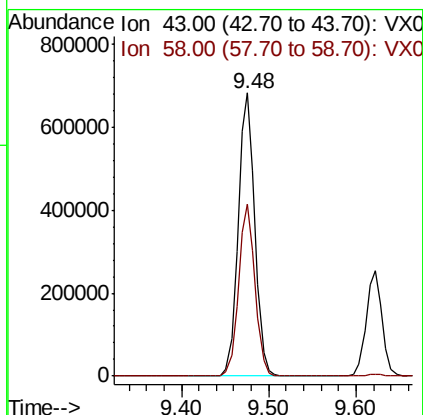
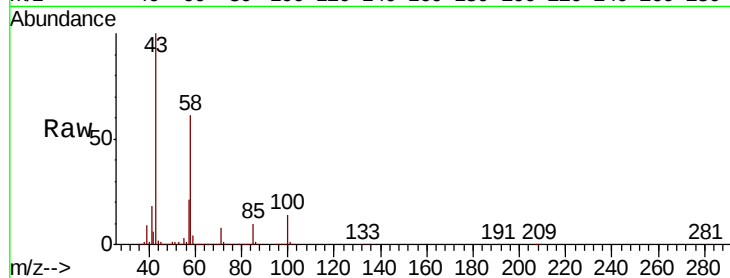




#59
2-Hexanone
Concen: 254.162 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

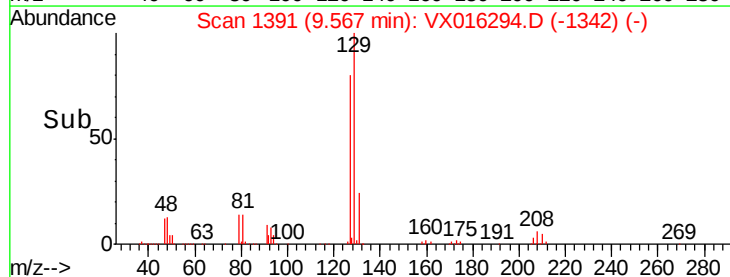
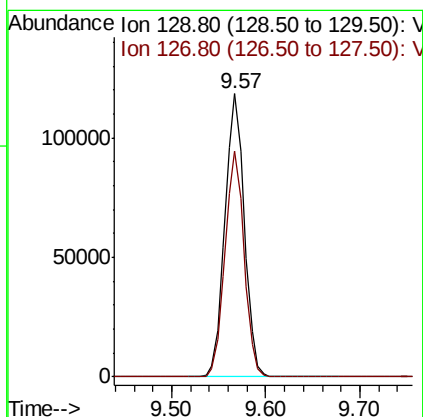
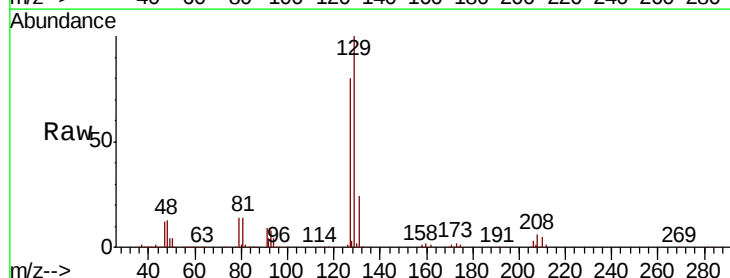
Instrument :
MSVOA_X
ClientSampleId :

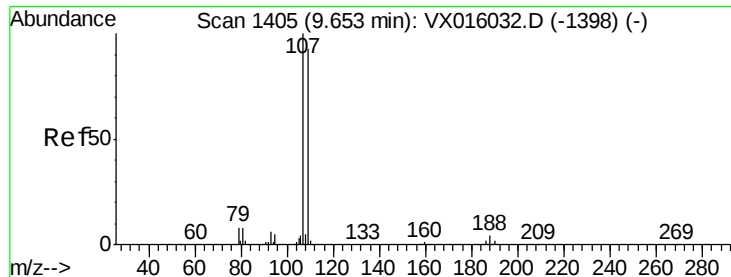
Tot Ion: 43 Resp: 907420
Ion Ratio Lower Upper
43 100
58 59.9 28.6 85.9



#60
Dibromochloromethane
Concen: 53.335 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion: 129 Resp: 169329
Ion Ratio Lower Upper
129 100
127 78.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.448 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

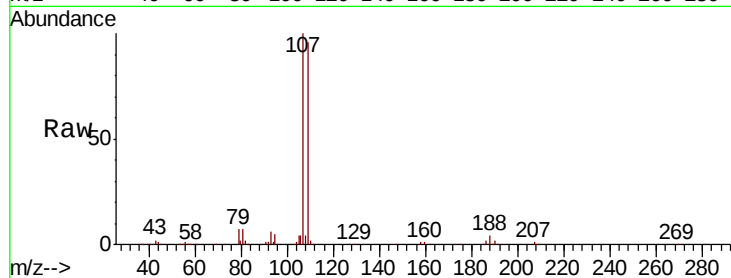
ClientSampleId :

Tot Ion: 107 Resp: 160642

Ion Ratio Lower Upper

107 100

109 94.7 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

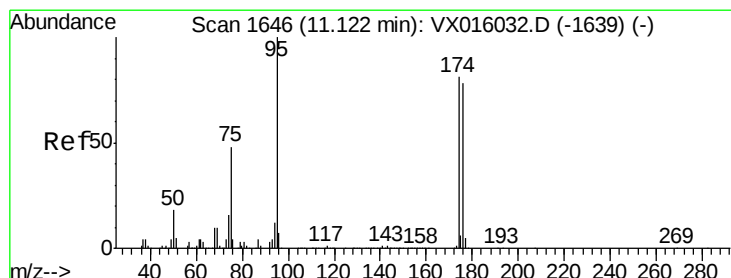
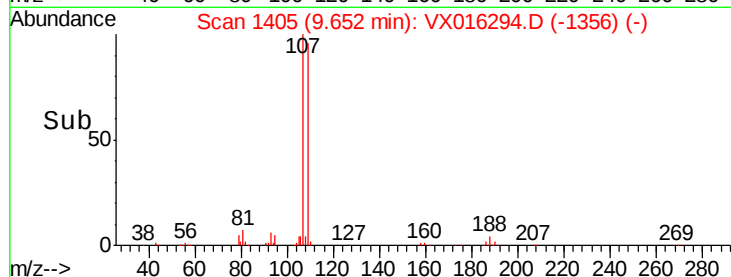
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.293 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

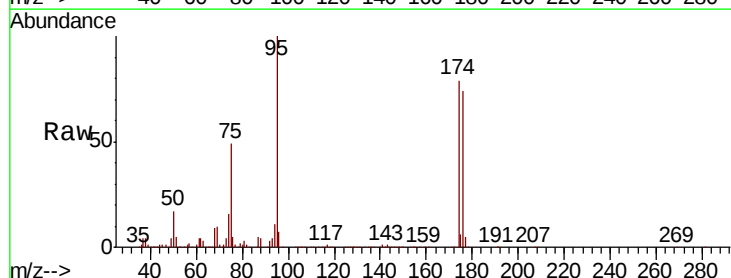
Tgt Ion: 95 Resp: 186782

Ion Ratio Lower Upper

95 100

174 79.2 0.0 159.4

176 76.8 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

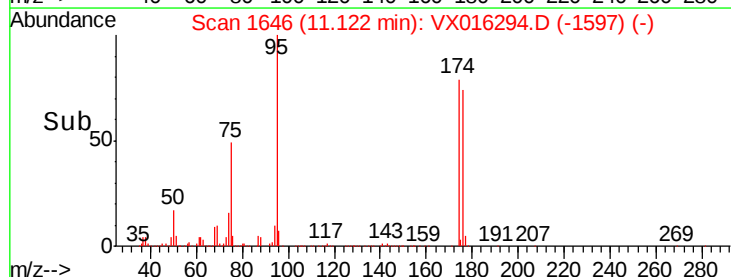
150000

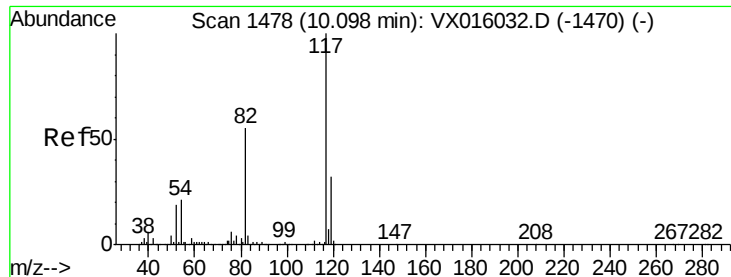
100000

50000

0

Time-->

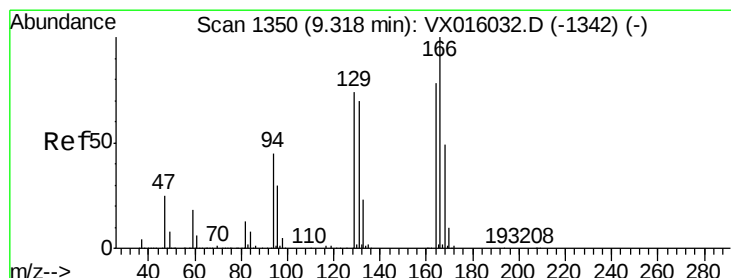
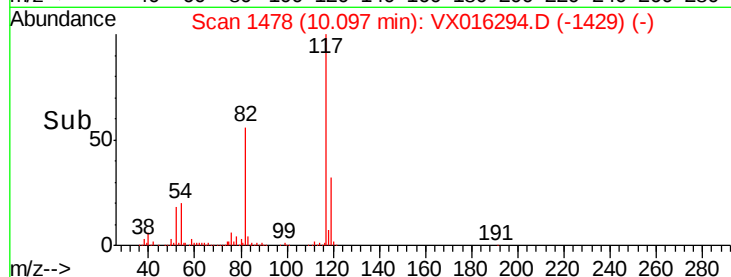
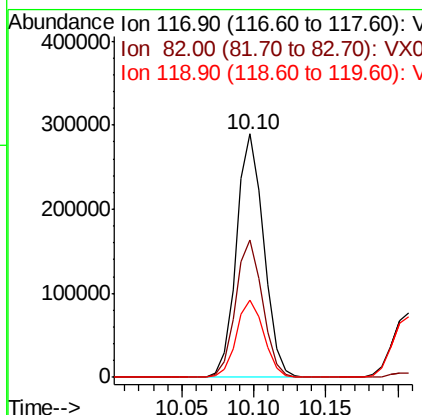
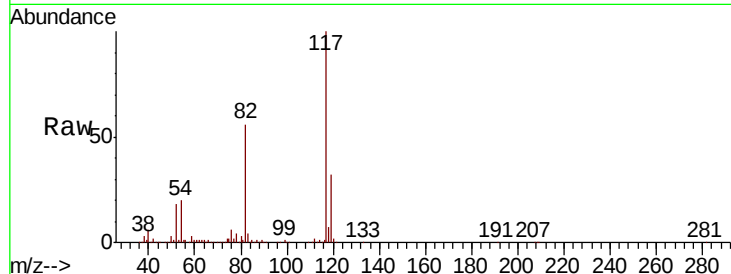




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

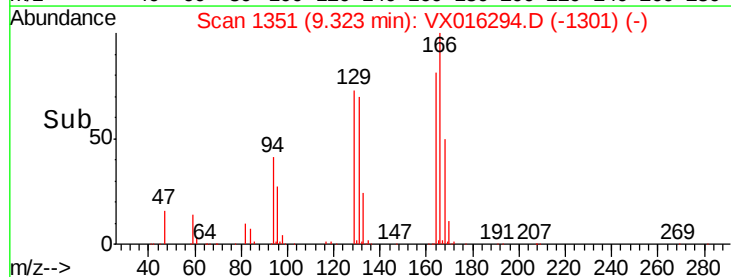
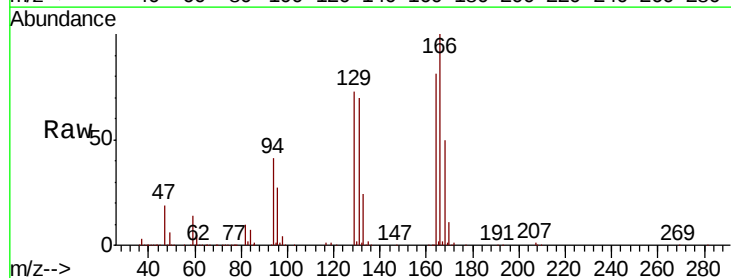
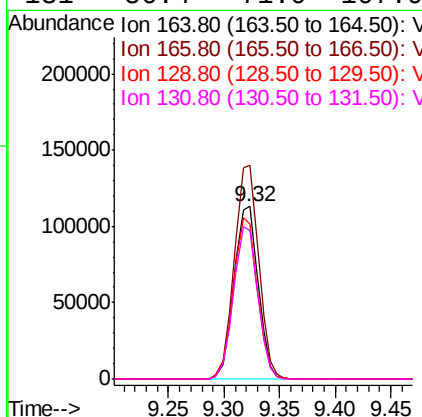
Instrument :
MSVOA_X
ClientSampleId :

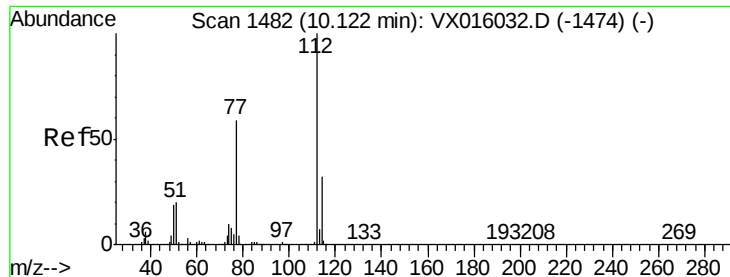
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.4	66.6
119	31.7	25.5	38.3



#64
Tetrachloroethene
Concen: 36.286 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.0	102.9	154.3
129	90.2	76.1	114.1
131	86.4	71.9	107.9

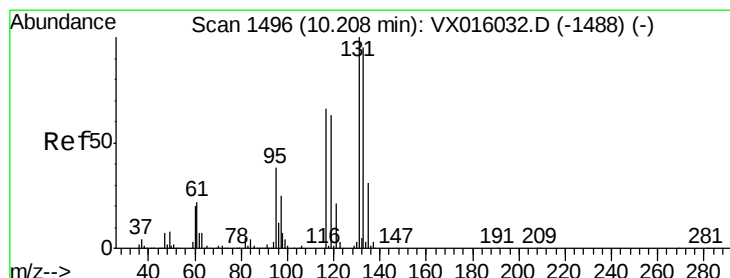
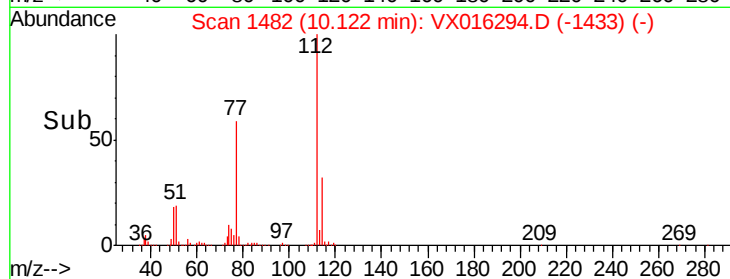
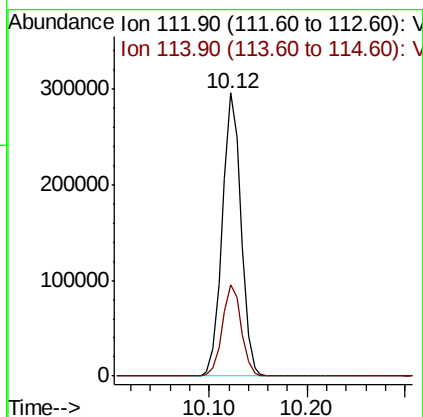
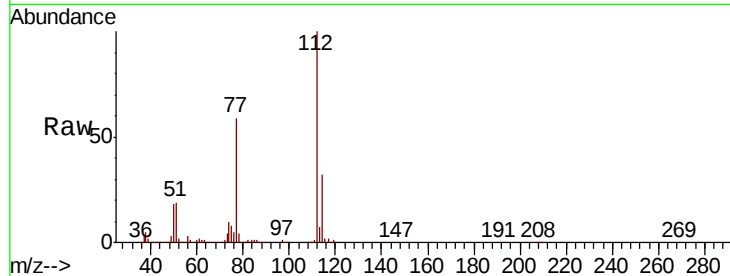




#65
Chlorobenzene
Concen: 49.180 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

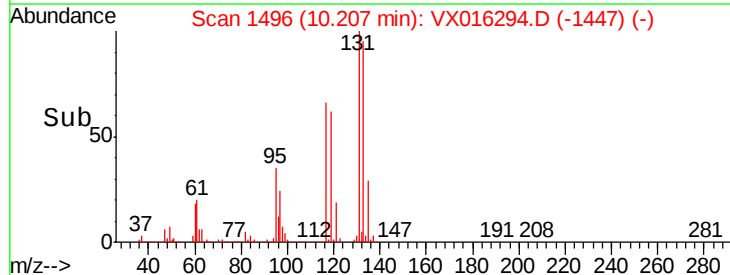
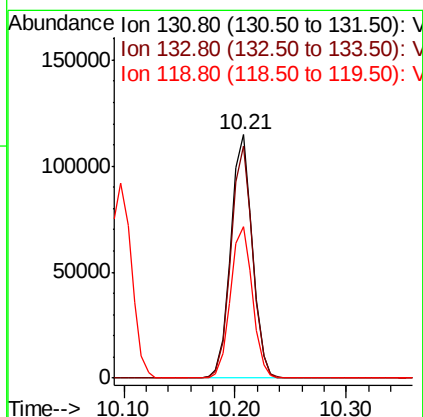
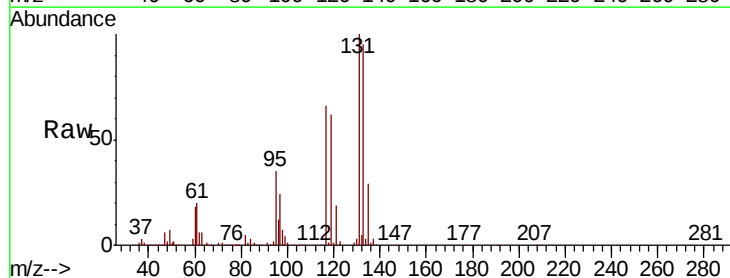
Instrument :
MSVOA_X
ClientSampleId :

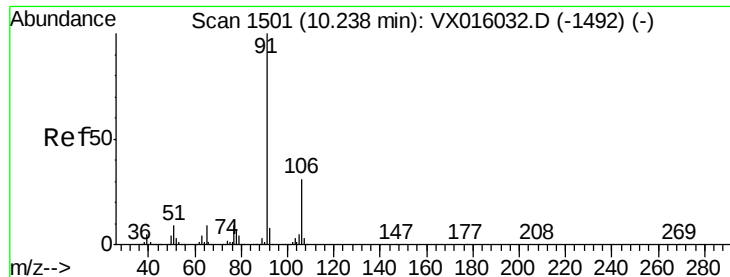
Tot Ion:112 Resp: 392362
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.163 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion:131 Resp: 153818
Ion Ratio Lower Upper
131 100
133 95.4 48.3 144.8
119 63.3 32.3 96.9





#67

Ethyl Benzene

Concen: 47.968 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

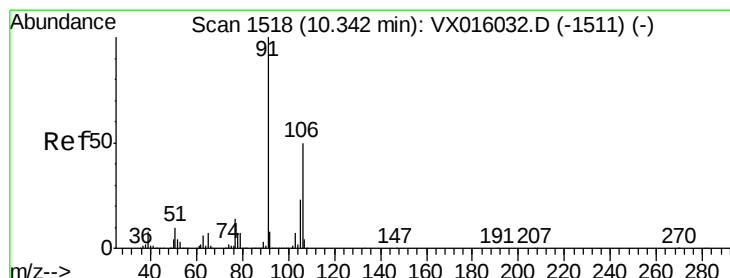
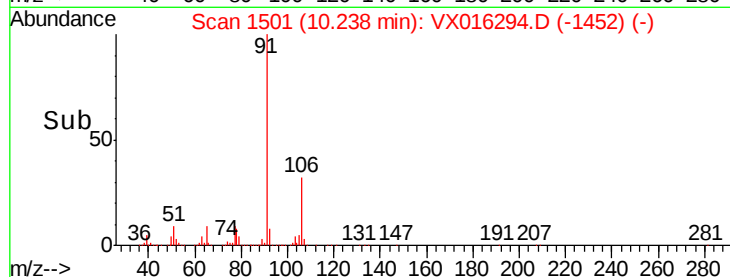
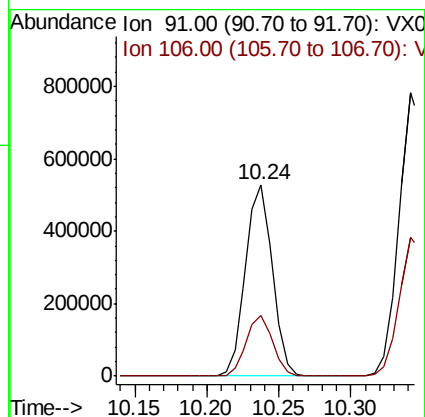
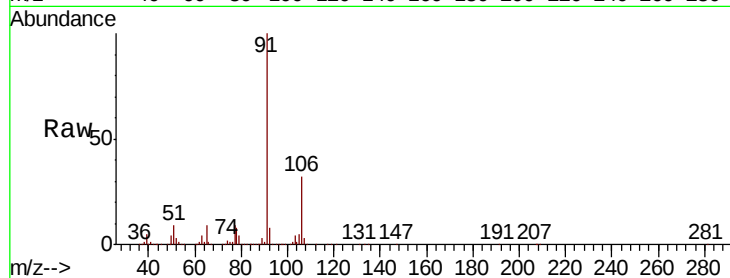
ClientSampled :

Tot Ion: 91 Resp: 682815

Ion Ratio Lower Upper

91 100

106 31.9 25.1 37.7



#68

m/p-Xylenes

Concen: 97.137 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016294.D

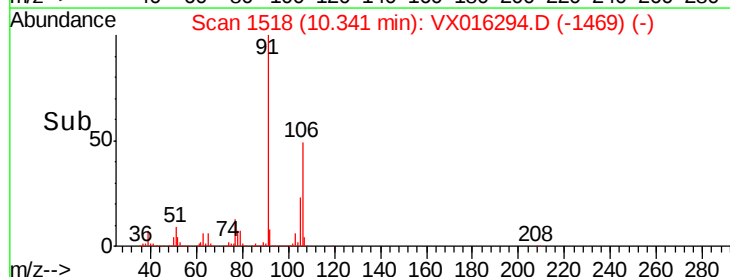
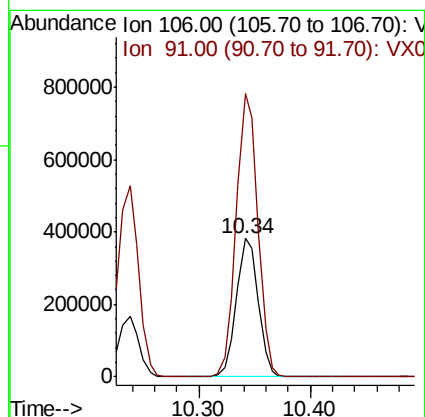
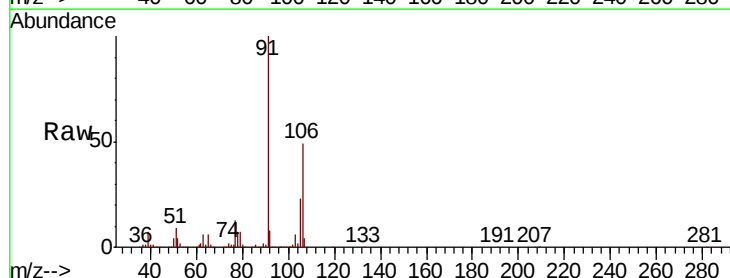
Acq: 15 May 2020 20:21

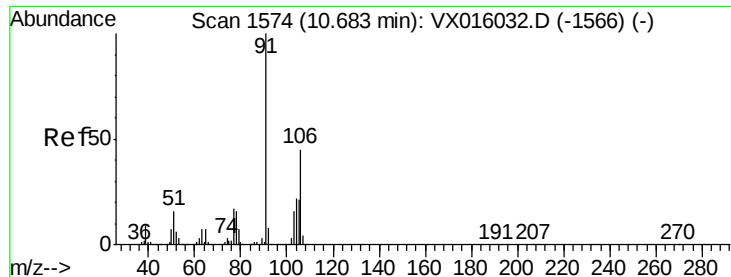
Tgt Ion: 106 Resp: 518061

Ion Ratio Lower Upper

106 100

91 203.0 161.7 242.5

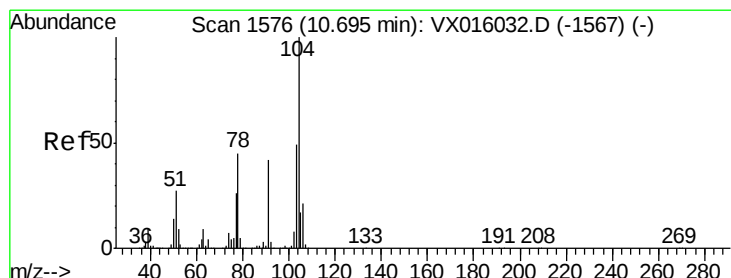
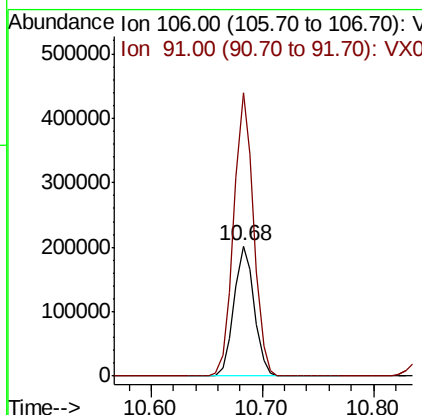
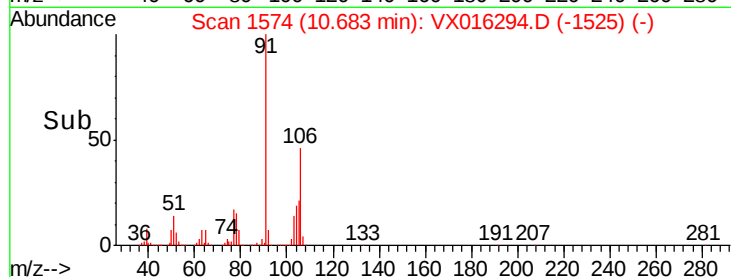
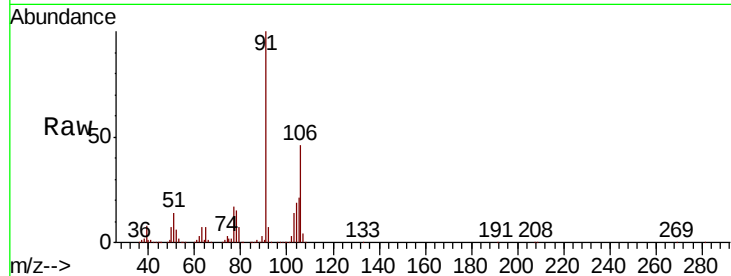




#69
o-Xylene
Concen: 49.216 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

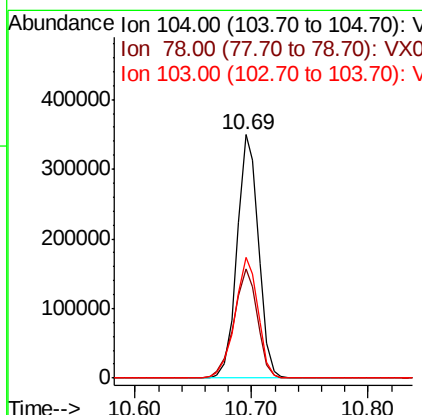
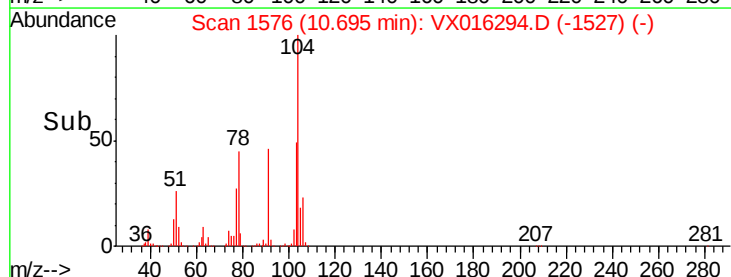
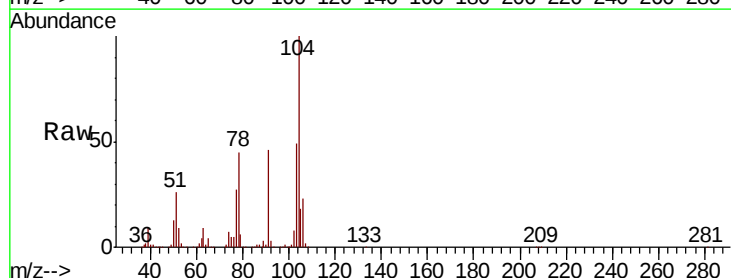
Instrument :
MSVOA_X
ClientSampleId :

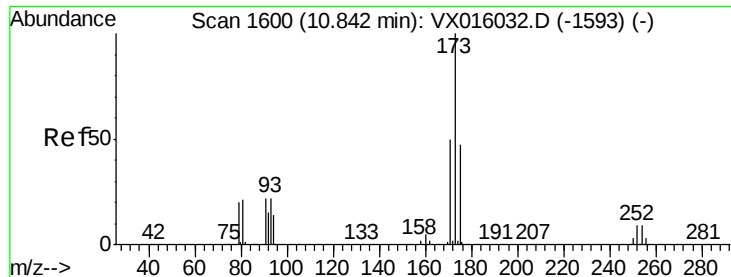
Tot Ion:106 Resp: 252311
Ion Ratio Lower Upper
106 100
91 214.2 107.5 322.6



#70
Styrene
Concen: 51.599 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion:104 Resp: 448771
Ion Ratio Lower Upper
104 100
78 49.3 40.2 60.2
103 53.3 43.0 64.6





#71

Bromoform

Concen: 54.382 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

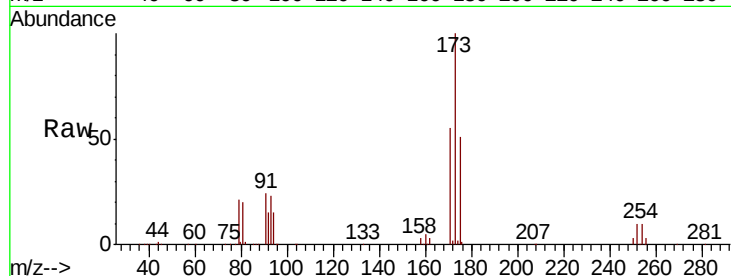
Tot Ion:173 Resp: 130650

Ion Ratio Lower Upper

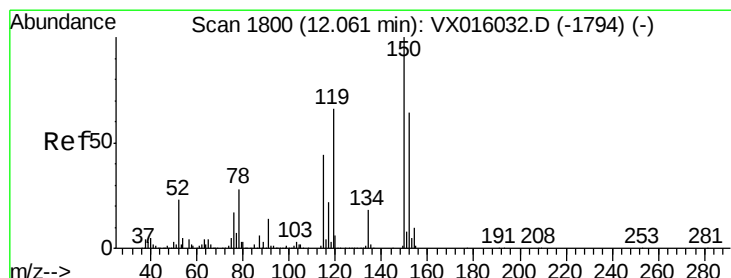
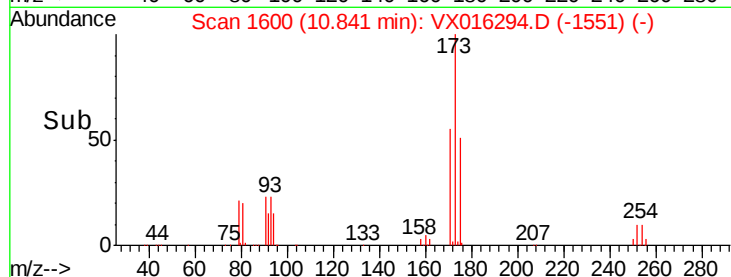
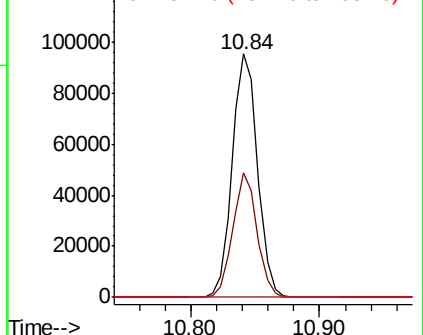
173 100

175 49.0 24.0 72.0

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

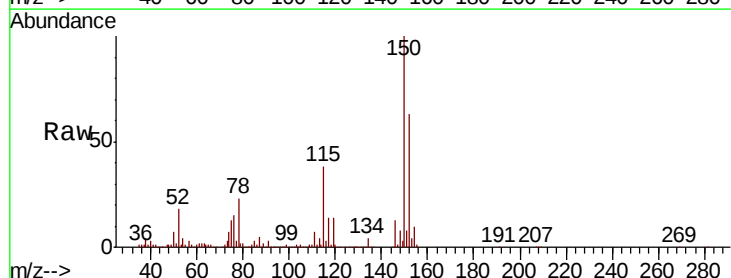
Tgt Ion:152 Resp: 184010

Ion Ratio Lower Upper

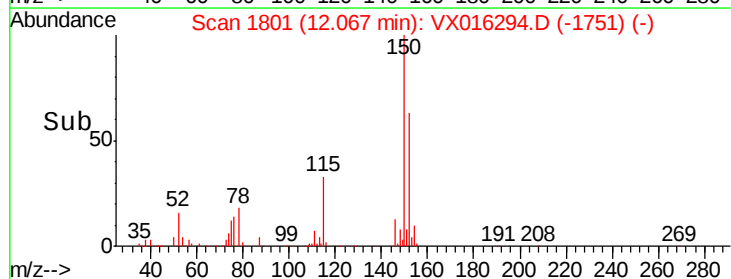
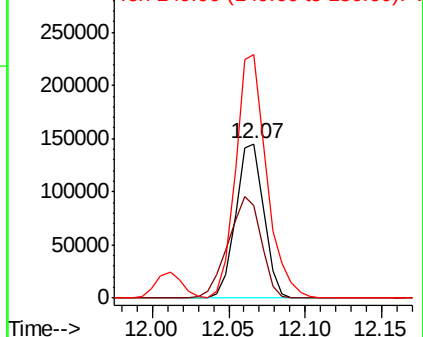
152 100

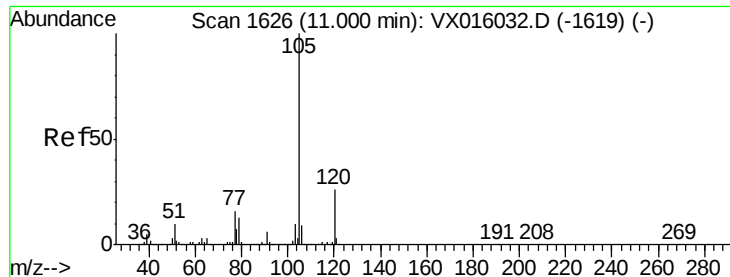
115 77.9 41.3 124.1

150 173.6 0.0 352.2



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: 47.162 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

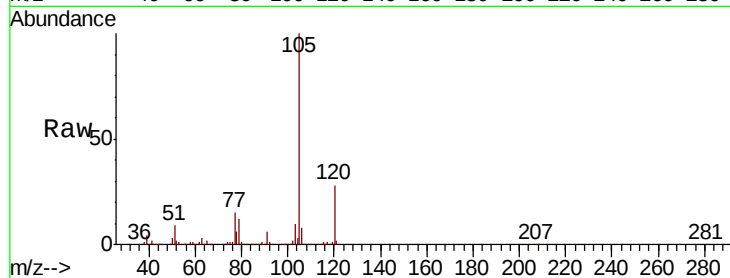
ClientSampled :

Tot Ion: 105 Resp: 631209

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

100000

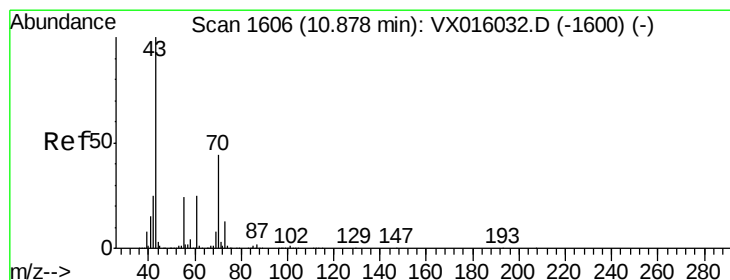
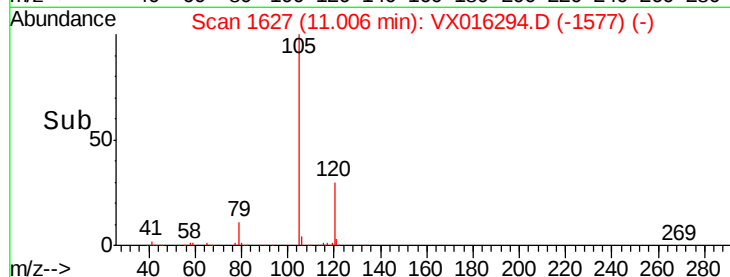
0

11.01

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 50.799 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Tgt Ion: 43 Resp: 317126

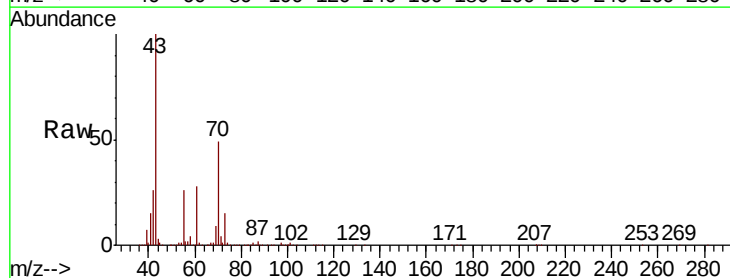
Ion Ratio Lower Upper

43 100

70 48.0 36.5 54.7

55 25.8 19.7 29.5

61 26.9 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

200000

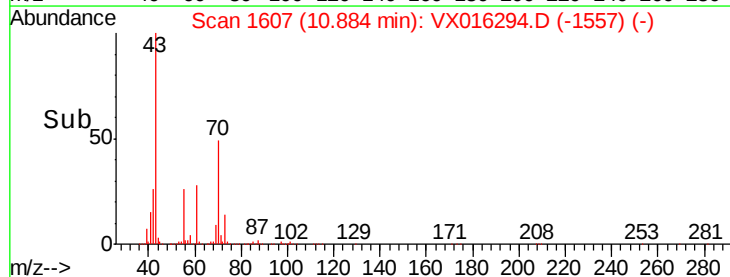
100000

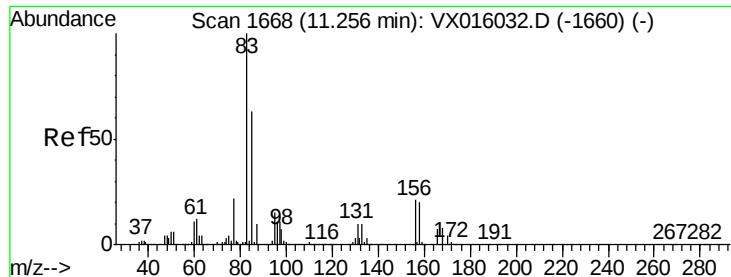
0

10.88

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 74.773 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

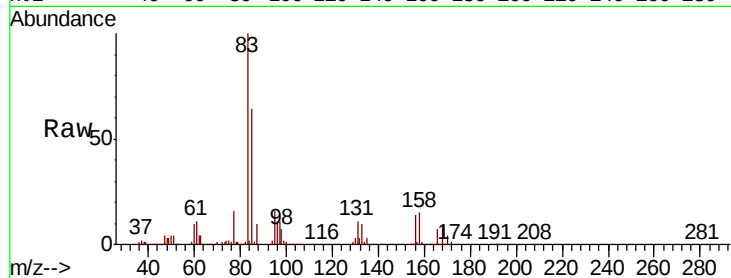
Tot Ion: 83 Resp: 208533

Ion Ratio Lower Upper

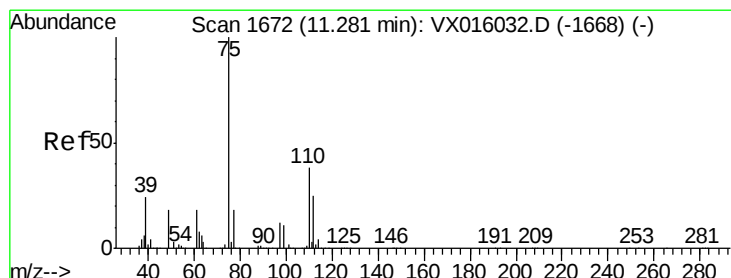
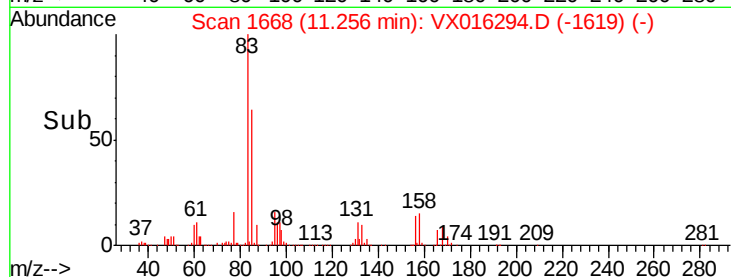
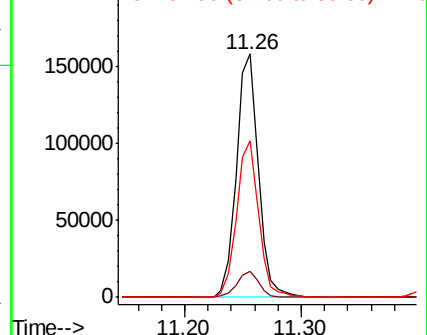
83 100

131 10.3 5.1 15.4

85 64.2 32.0 96.0



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: 69.143 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016294.D

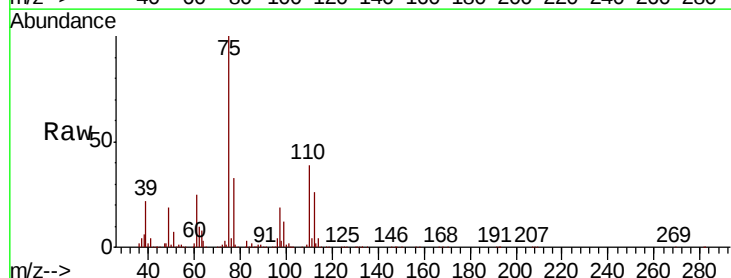
Acq: 15 May 2020 20:21

Tgt Ion: 75 Resp: 288713

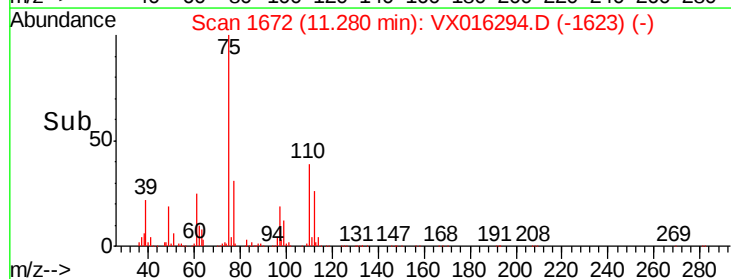
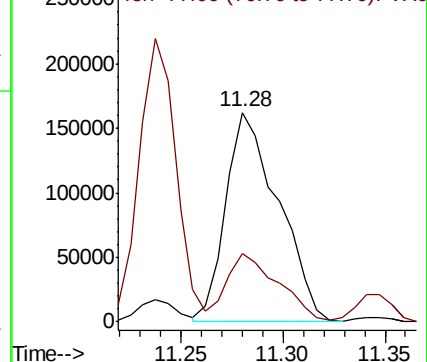
Ion Ratio Lower Upper

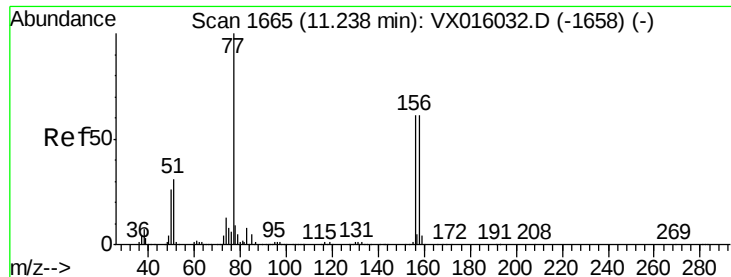
75 100

77 32.3 21.2 63.6



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





#77

Bromobenzene

Concen: 49.858 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampled :

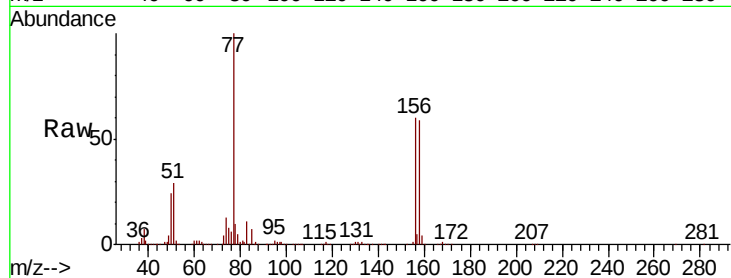
Tot Ion:156 Resp: 172238

Ion Ratio Lower Upper

156 100

77 160.7 80.1 240.3

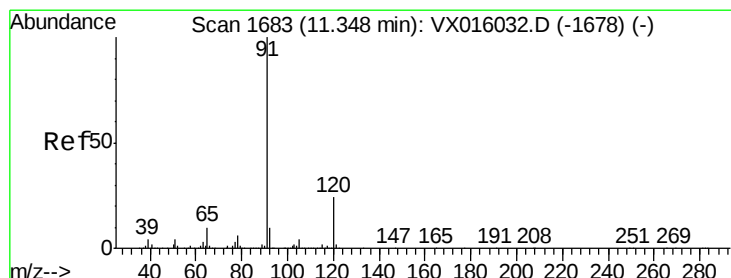
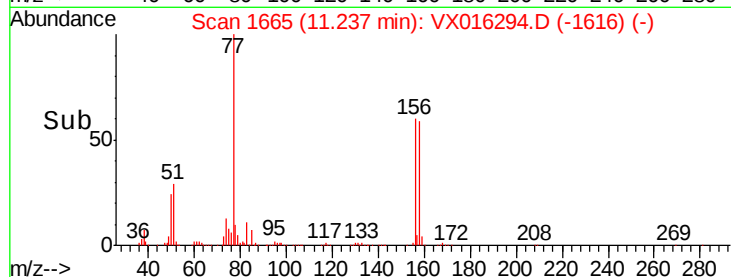
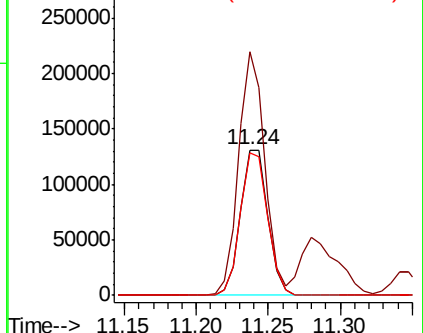
158 97.9 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.468 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016294.D

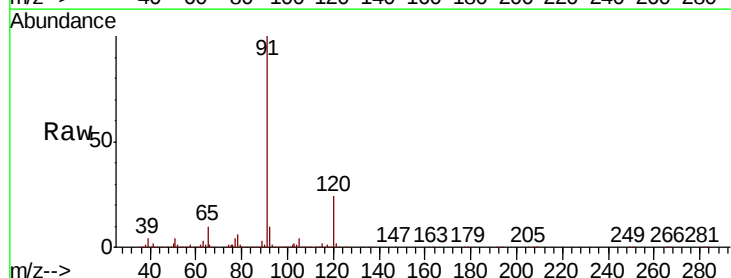
Acq: 15 May 2020 20:21

Tgt Ion: 91 Resp: 707938

Ion Ratio Lower Upper

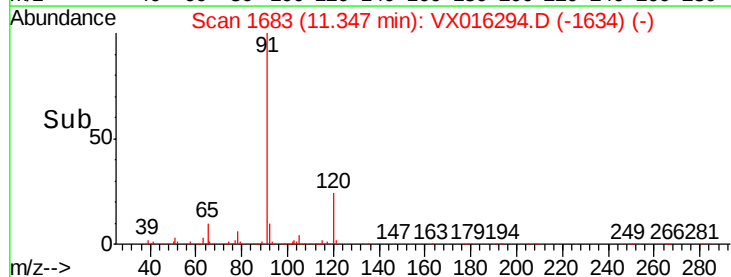
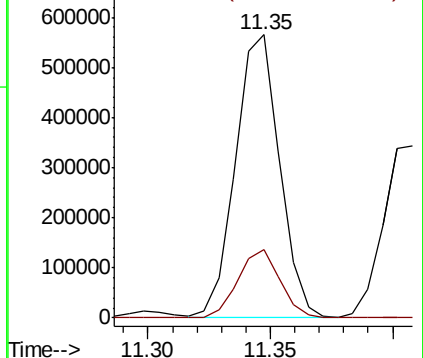
91 100

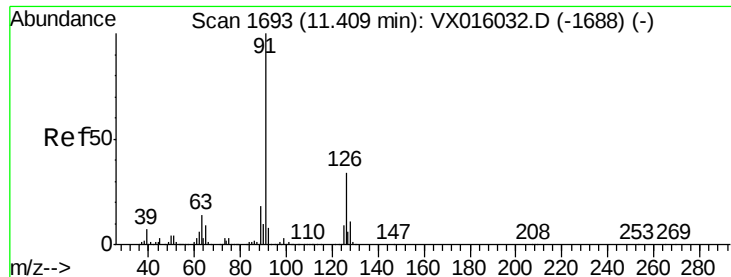
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.724 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

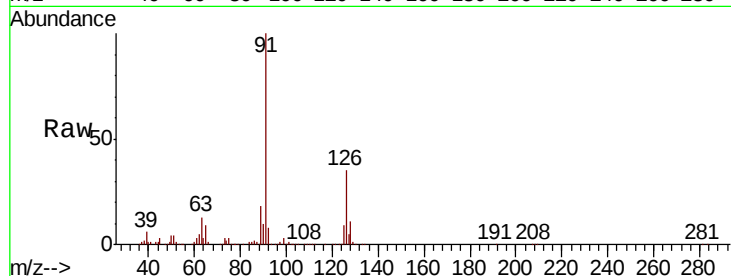
ClientSampleId :

Tot Ion: 91 Resp: 447805

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.6

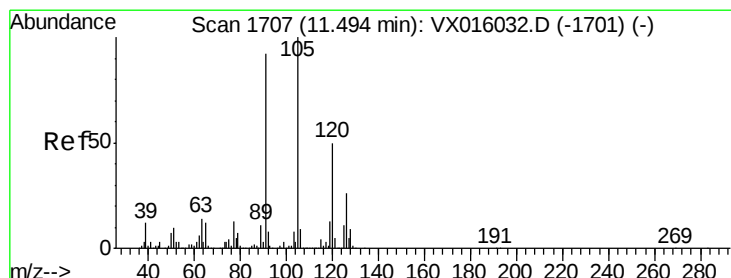
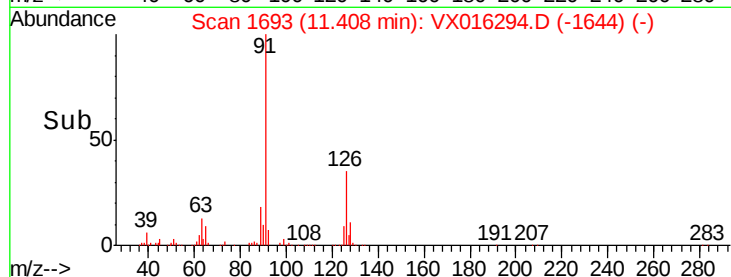


Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016032.D (-1688) (-)

Time-->

Mass spectrum showing abundance (0 to 600,000) versus time (11.35 to 11.45 min). Key peaks are labeled: 11.41.



#80

1,3,5-Trimethylbenzene

Concen: 46.267 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016294.D

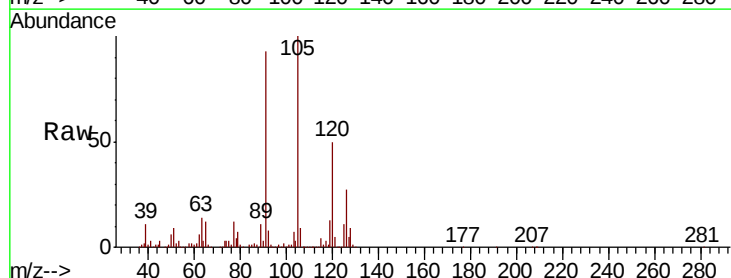
Acq: 15 May 2020 20:21

Tgt Ion: 105 Resp: 522833

Ion Ratio Lower Upper

105 100

120 48.6 24.6 74.0

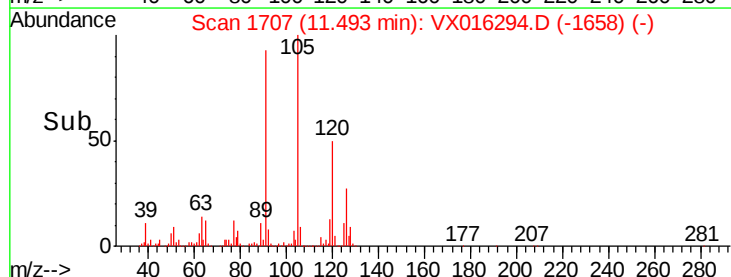


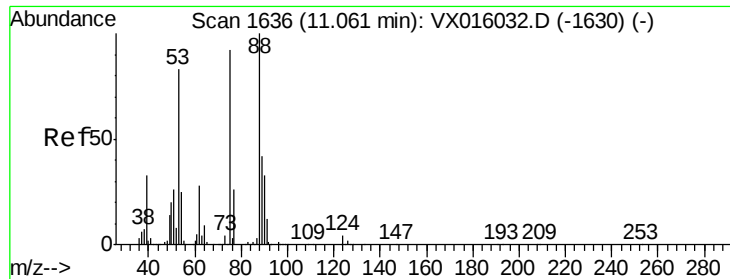
Abundance Ion 105.00 (104.70 to 105.70): VX016032.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016032.D (-1701) (-)

Time-->

Mass spectrum showing abundance (0 to 500,000) versus time (11.40 to 11.50 min). Key peaks are labeled: 11.49.

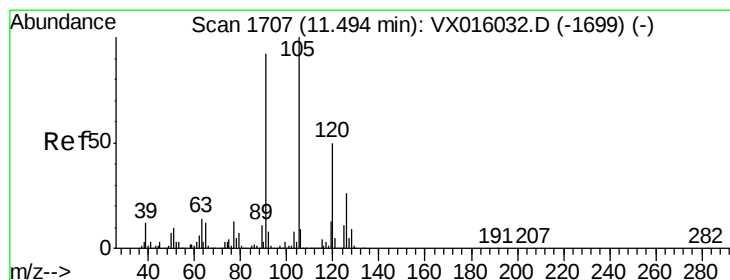
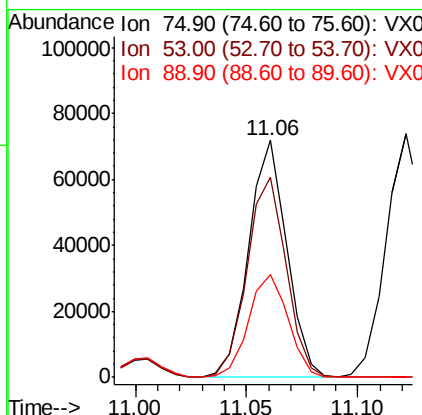
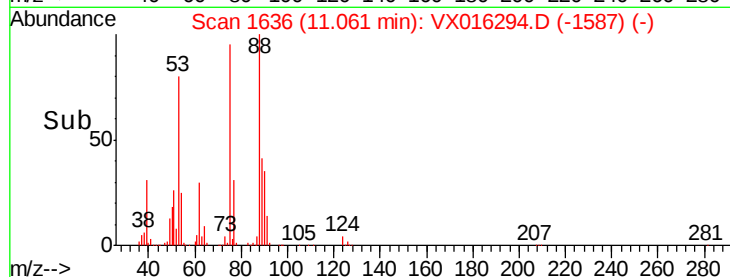
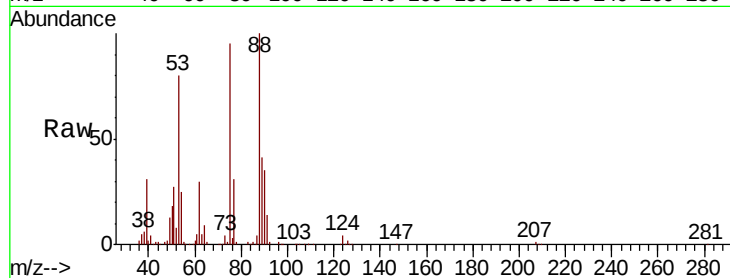




#81
trans-1,4-Dichloro-2-butene
Concen: 48.757 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

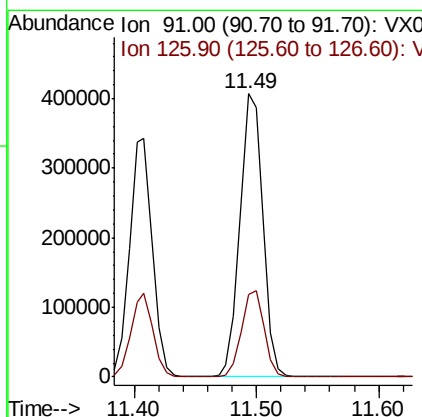
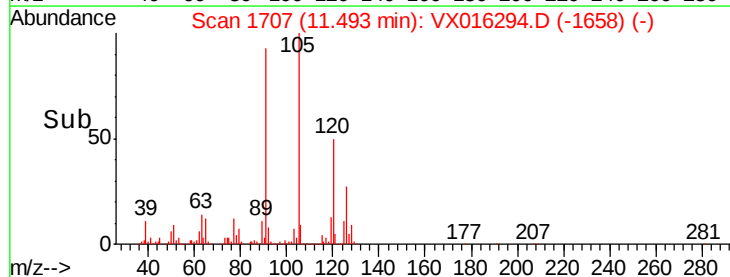
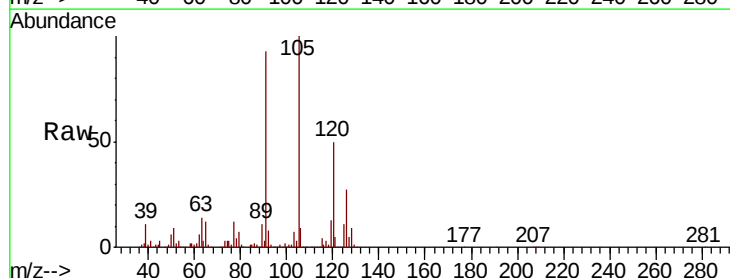
Instrument :
MSVOA_X
ClientSampleId :

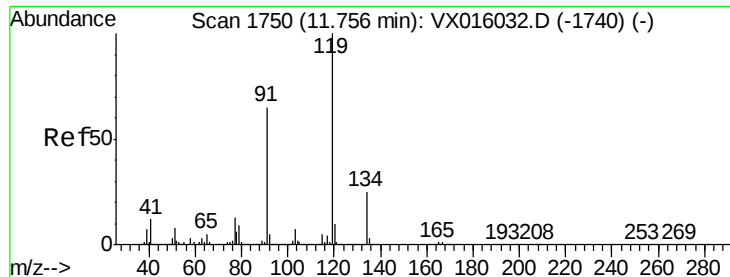
Tot Ion: 75 Resp: 85431
Ion Ratio Lower Upper
75 100
53 87.4 73.1 109.7
89 45.3 36.7 55.1



#82
4-Chlorotoluene
Concen: 48.370 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion: 91 Resp: 524957
Ion Ratio Lower Upper
91 100
126 30.0 14.8 44.3

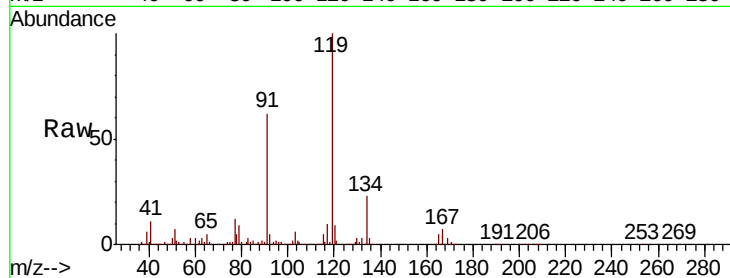




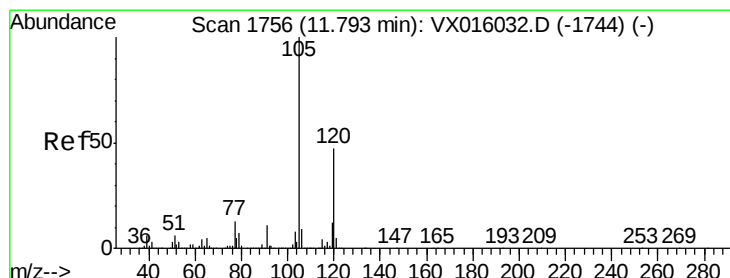
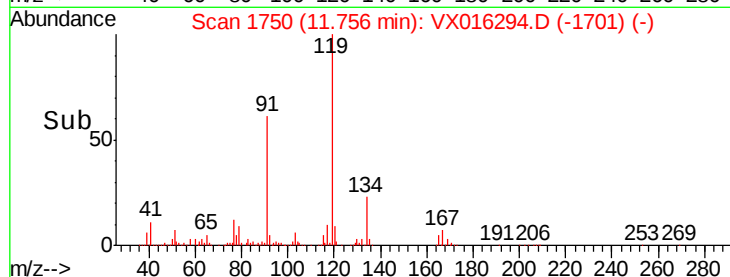
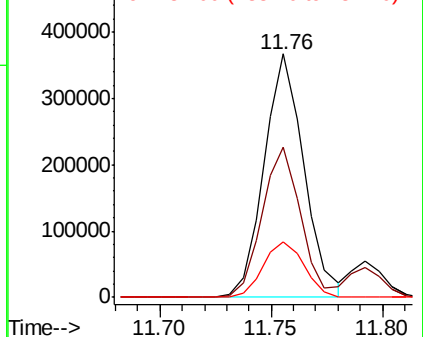
#83
 tert-Butylbenzene
 Concen: 46.698 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.6	32.8	98.4
134	23.4	12.4	37.0

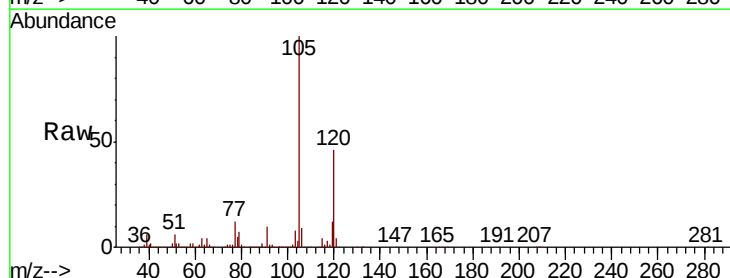


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

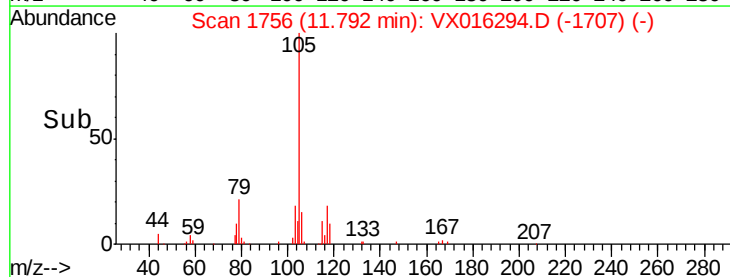
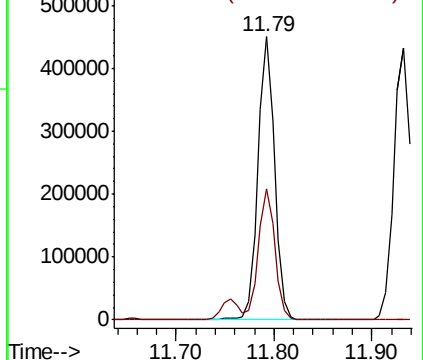


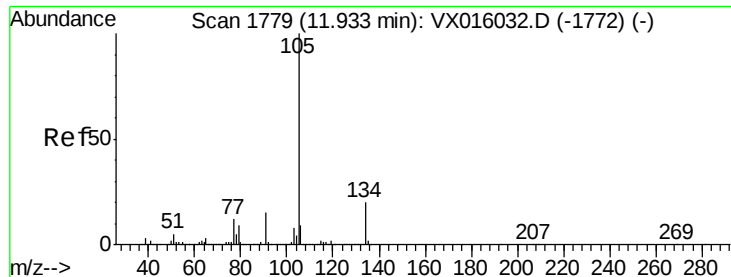
#84
 1,2,4-Trimethylbenzene
 Concen: 46.133 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.0	69.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 39.533 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

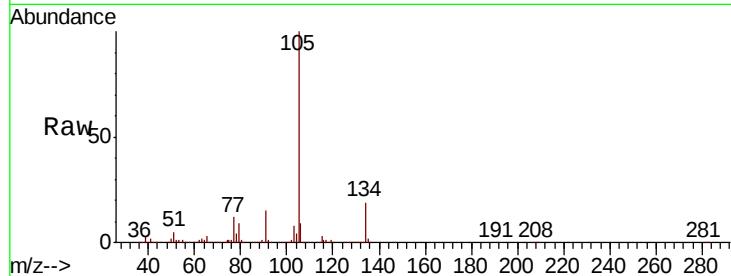
ClientSampleId :

Tot Ion:105 Resp: 519820

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

400000

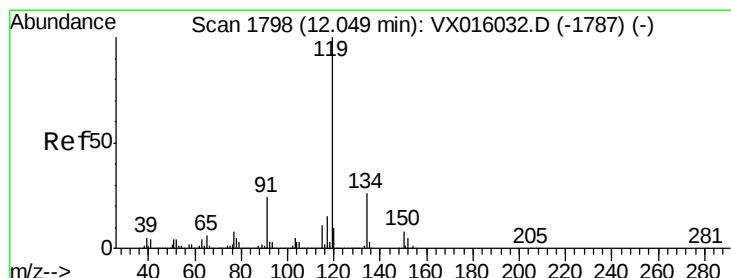
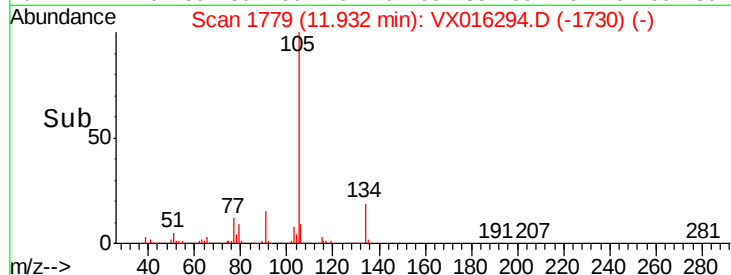
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 39.098 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

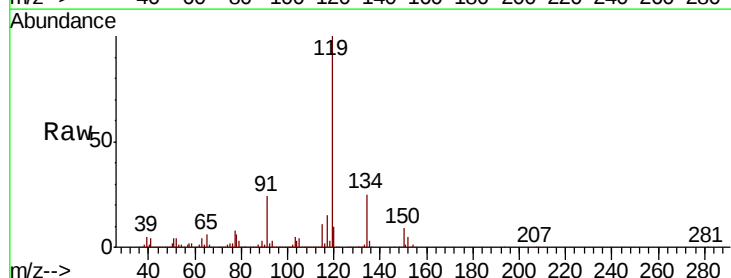
Tgt Ion:119 Resp: 477307

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 23.4 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

400000

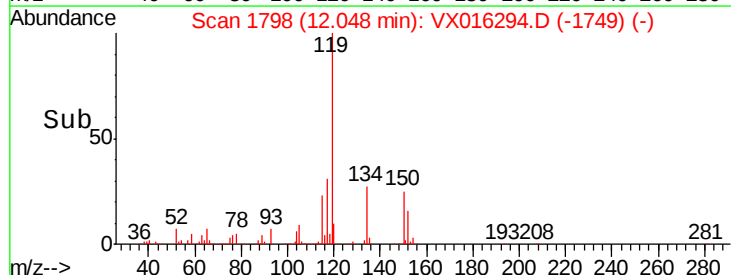
300000

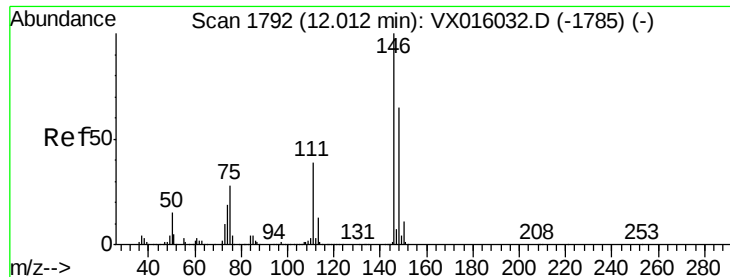
200000

100000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 46.206 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

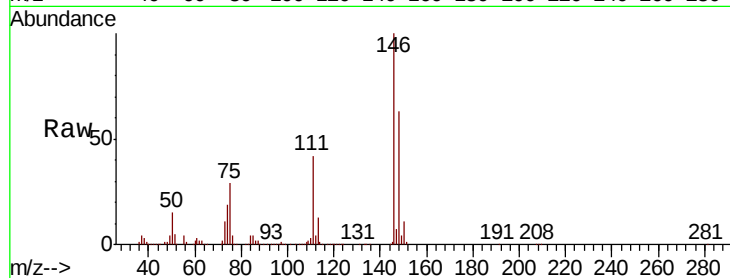
Tot Ion:146 Resp: 286609

Ion Ratio Lower Upper

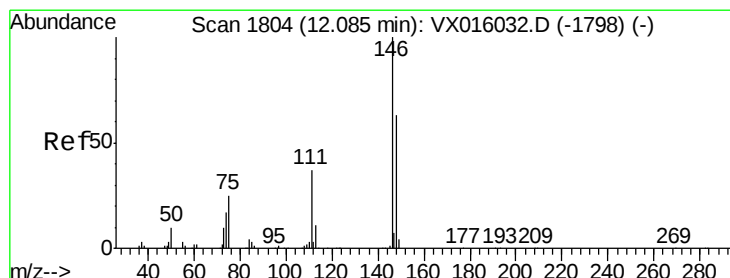
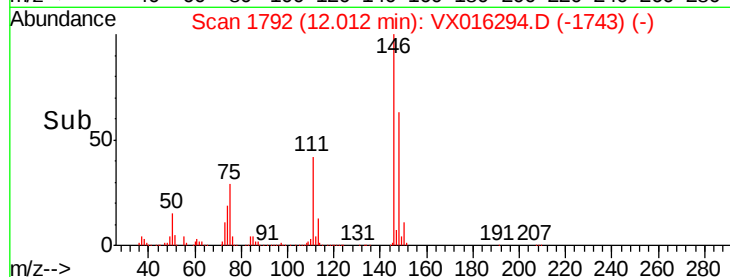
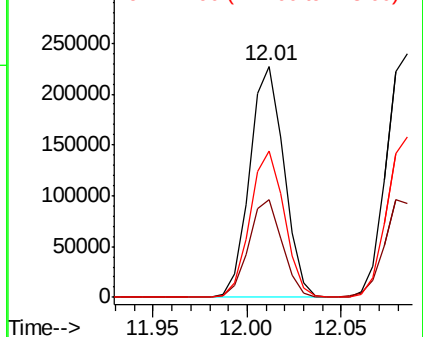
146 100

111 41.4 20.2 60.6

148 63.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.967 ug/l

RT: 12.08 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

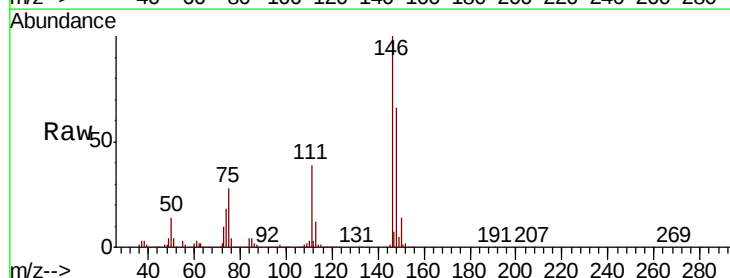
Tgt Ion:146 Resp: 295691

Ion Ratio Lower Upper

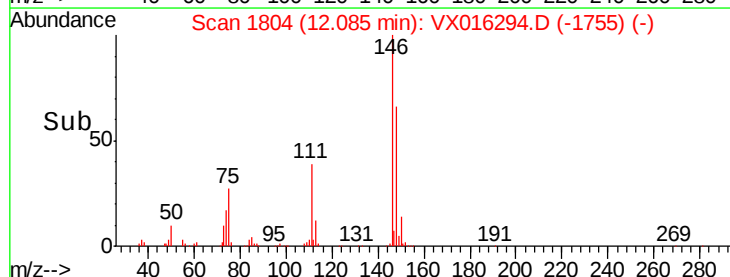
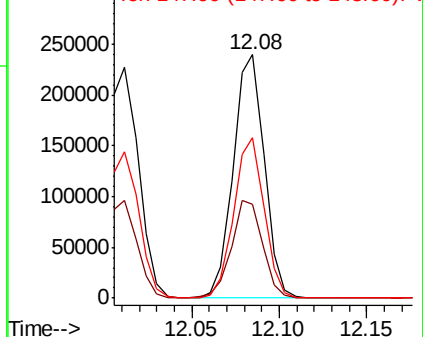
146 100

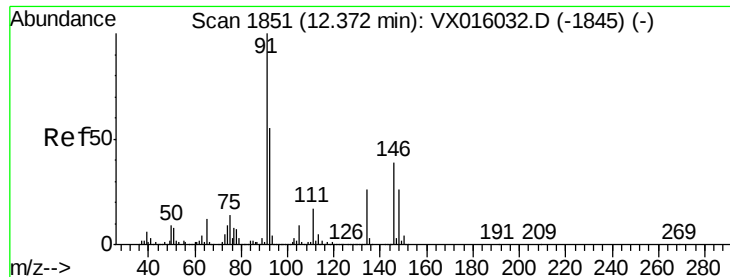
111 40.4 19.6 58.7

148 64.4 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 35.144 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

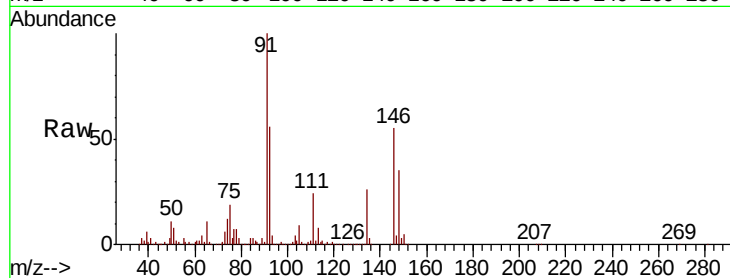
Tot Ion: 91 Resp: 391951

Ion Ratio Lower Upper

91 100

92 54.8 27.6 82.7

134 26.4 13.4 40.1

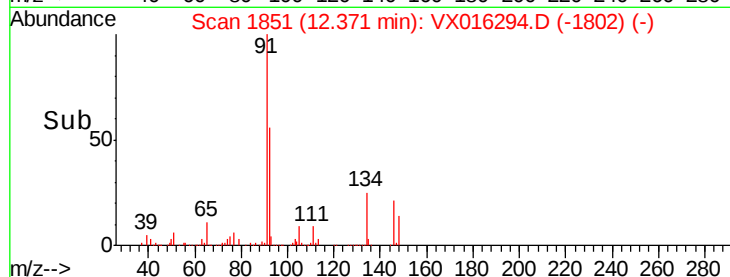


Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1845) (-)

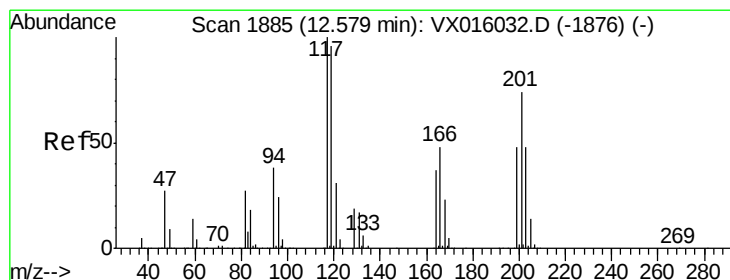
Ion 92.00 (91.70 to 92.70): VX016032.D (-1845) (-)

Ion 134.00 (133.70 to 134.70): VX016032.D (-1845) (-)

Time-->



Time-->



#90

Hexachloroethane

Concen: 41.117 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016294.D

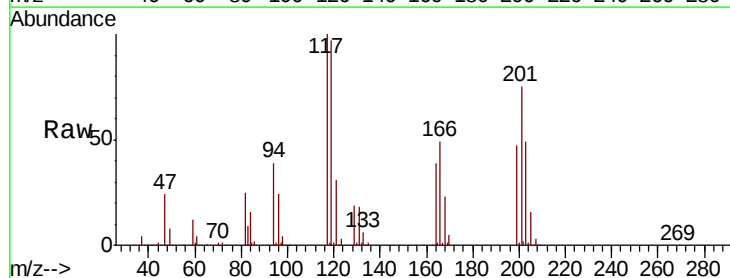
Acq: 15 May 2020 20:21

Tgt Ion: 117 Resp: 86208

Ion Ratio Lower Upper

117 100

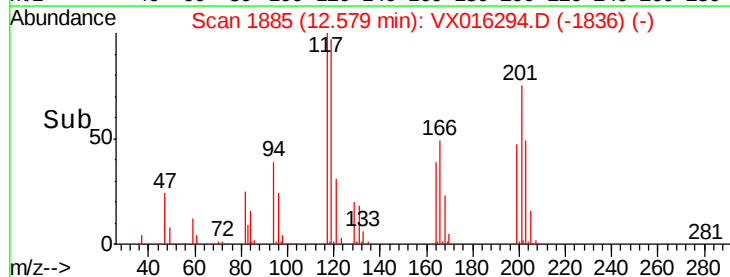
201 82.5 39.8 119.3



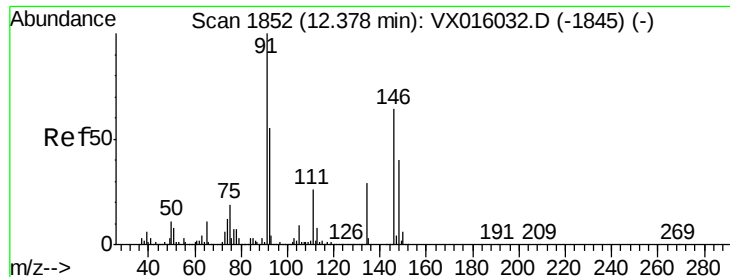
Abundance Ion 116.80 (116.50 to 117.50): VX016032.D (-1876) (-)

Ion 200.70 (200.40 to 201.40): VX016032.D (-1876) (-)

Time-->



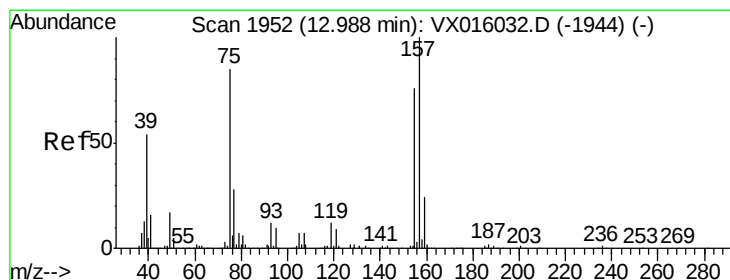
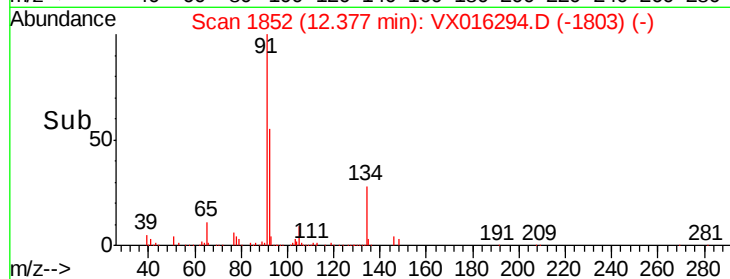
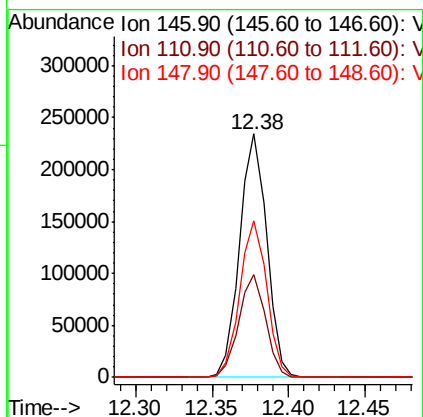
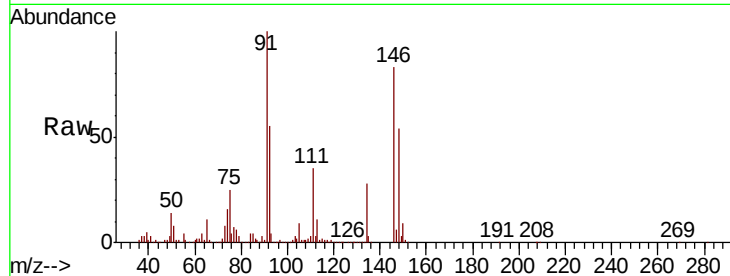
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 48.207 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

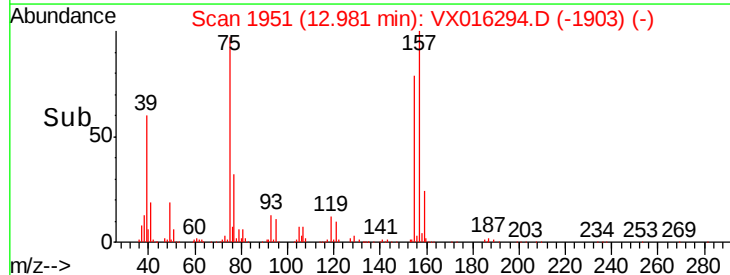
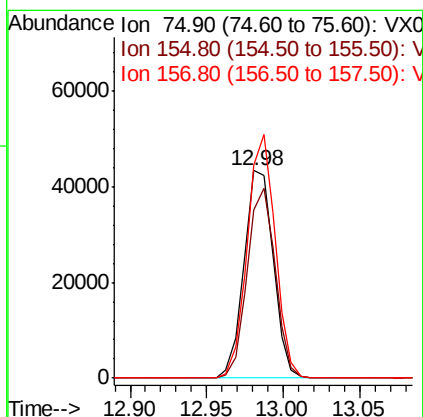
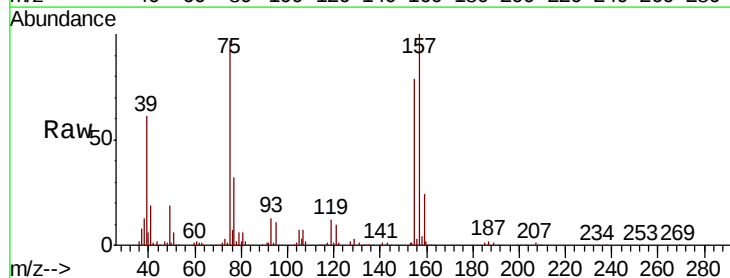
Instrument :
 MSVOA_X
 ClientSampleId :

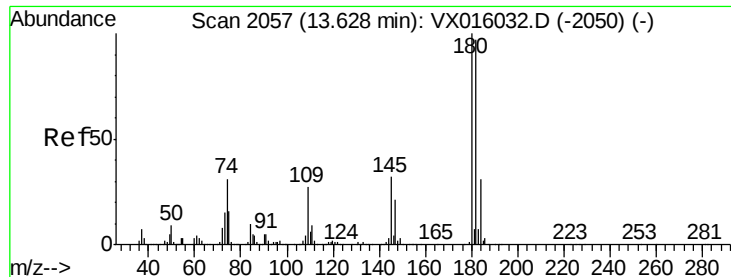
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.1	63.1
148	64.1	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.603 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.3	42.5	127.5
157	111.5	55.3	165.8





#93

1,2,4-Trichlorobenzene

Concen: 39.752 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

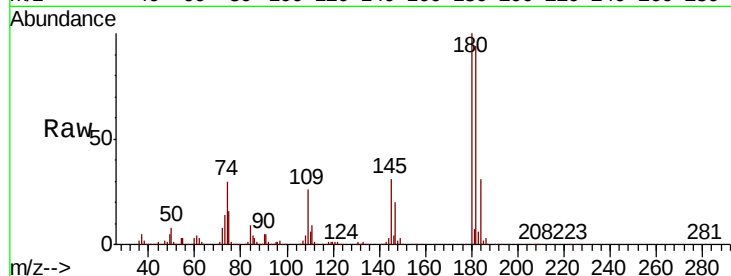
Tot Ion:180 Resp: 175780

Ion Ratio Lower Upper

180 100

182 95.1 48.7 146.1

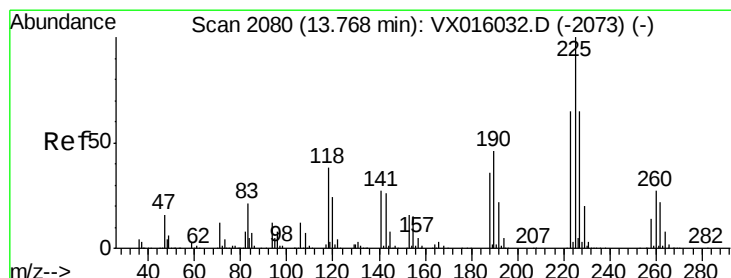
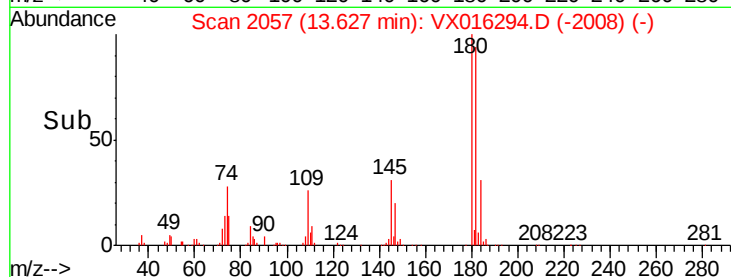
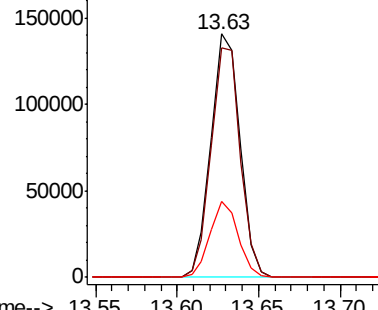
145 30.2 15.7 47.1



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: 27.271 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

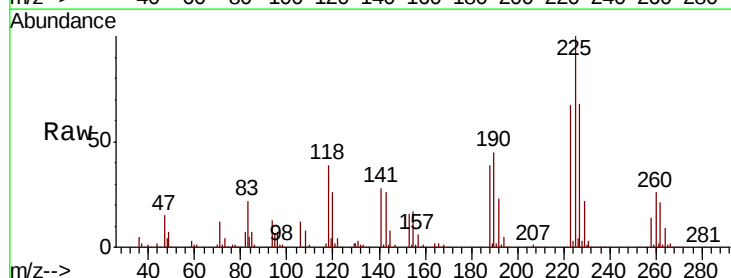
Tgt Ion:225 Resp: 51469

Ion Ratio Lower Upper

225 100

223 65.8 32.3 96.9

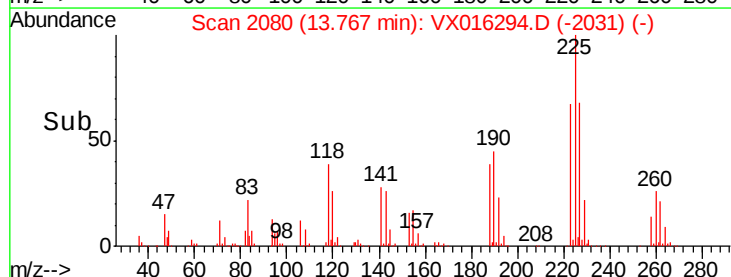
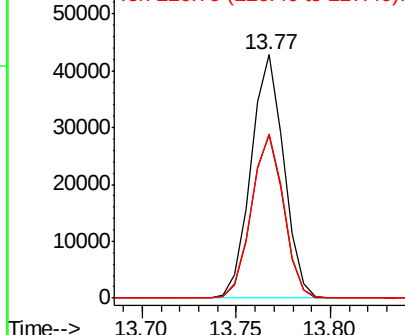
227 66.6 31.8 95.4

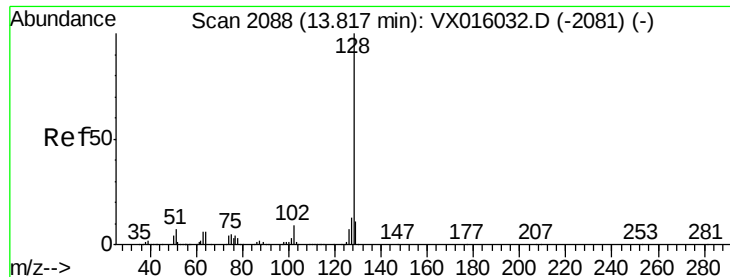


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

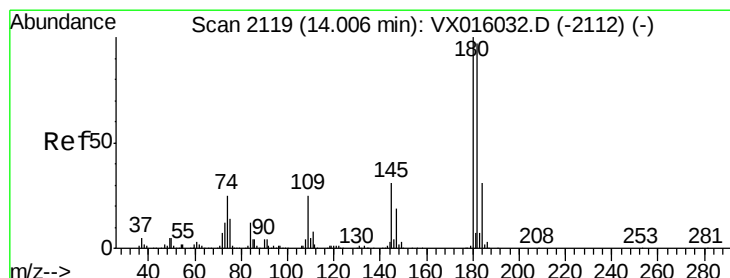
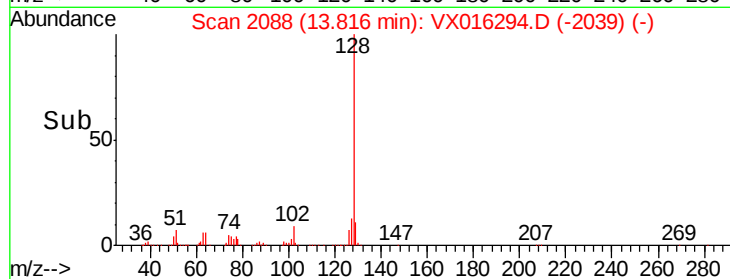
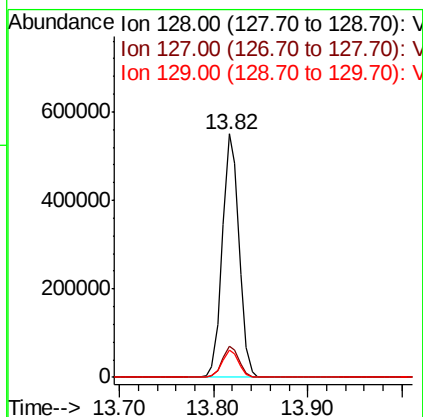
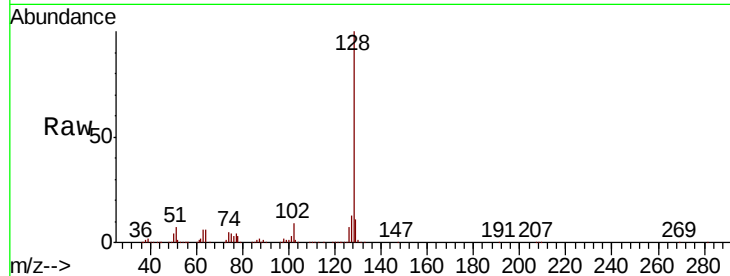




#95
Naphthalene
Concen: 47.178 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 39.490 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.4	145.0
145	32.9	16.4	49.1

