

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051820\
 Data File : VX016296.D
 Acq On : 18 May 2020 13:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 19 00:42:19 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	312262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	484188	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	445095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	182203	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	
35) Dibromofluoromethane	5.46	113	151979	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	8.70	98	577690	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	11.12	95	227762	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	174197	52.704	ug/l	99
3) Chloromethane	1.31	50	183283	47.749	ug/l	99
4) Vinyl Chloride	1.39	62	210426	51.383	ug/l	99
5) Bromomethane	1.62	94	88684	42.955	ug/l	98
6) Chloroethane	1.70	64	130750	52.473	ug/l	98
7) Trichlorofluoromethane	1.91	101	290705	54.070	ug/l	99
8) Diethyl Ether	2.17	74	122999	54.297	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	166826	53.782	ug/l	98
10) Methyl Iodide	2.49	142	161868	38.850	ug/l	98
11) Tert butyl alcohol	3.01	59	257842	248.146	ug/l	100
12) 1,1-Dichloroethene	2.36	96	170624	52.564	ug/l	98
13) Acrolein	2.27	56	223506	343.741	ug/l	99
14) Allyl chloride	2.70	41	307757	51.709	ug/l	96
15) Acrylonitrile	3.11	53	563227	261.290	ug/l	99
16) Acetone	2.42	43	456155	248.800	ug/l	97
17) Carbon Disulfide	2.54	76	475979	48.824	ug/l	98
18) Methyl Acetate	2.75	43	248523	55.130	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	629664	56.271	ug/l	100
20) Methylene Chloride	2.83	84	195994	51.856	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	190967	52.793	ug/l	94
22) Diisopropyl ether	3.82	45	600197	53.454	ug/l	98
23) Vinyl Acetate	3.78	43	2623193	265.548	ug/l	98
24) 1,1-Dichloroethane	3.67	63	342980	54.606	ug/l	98
25) 2-Butanone	4.63	43	748356	253.304	ug/l	98
26) 2,2-Dichloropropane	4.55	77	318359	55.500	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	218975	55.373	ug/l	97
28) Bromochloromethane	4.98	49	125487	43.814	ug/l	94
29) Tetrahydrofuran	5.09	42	499637	255.232	ug/l	97
30) Chloroform	5.17	83	345425	55.234	ug/l	100
31) Cyclohexane	5.54	56	288964	50.622	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	311102	54.727	ug/l	98
36) 1,1-Dichloropropene	5.77	75	264670	55.531	ug/l	99
37) Ethyl Acetate	4.79	43	290971	52.673	ug/l	98
38) Carbon Tetrachloride	5.75	117	275093	56.785	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051820\
 Data File : VX016296.D
 Acq On : 18 May 2020 13:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 19 00:42:19 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)
39) Methylcyclohexane	7.44	83	268776	46.827	ug/l	98
40) Benzene	6.11	78	788015	56.507	ug/l	100
41) Methacrylonitrile	5.00	41	159095	53.329	ug/l	98
42) 1,2-Dichloroethane	6.16	62	270759	53.897	ug/l	98
43) Isopropyl Acetate	6.41	43	479457	54.398	ug/l	97
44) Trichloroethene	7.19	130	262676	53.019	ug/l	95
45) 1,2-Dichloropropane	7.49	63	204471	57.945	ug/l	99
46) Dibromomethane	7.63	93	135181	56.372	ug/l	97
47) Bromodichloromethane	7.87	83	284743	58.303	ug/l	99
48) Methyl methacrylate	7.74	41	227089	54.374	ug/l	95
49) 1,4-Dioxane	7.71	88	100348	1001.826	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1489737	276.205	ug/l	98
52) Toluene	8.76	92	507680	58.405	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	336783	57.836	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	355368	58.427	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	200483	58.622	ug/l	98
56) Ethyl methacrylate	9.16	69	335325	60.068	ug/l	94
57) 1,3-Dichloropropane	9.35	76	346305	58.032	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	807724	271.784	ug/l	98
59) 2-Hexanone	9.47	43	1147159	270.830	ug/l	96
60) Dibromochloromethane	9.57	129	230663	61.240	ug/l	99
61) 1,2-Dibromoethane	9.65	107	217125	58.613	ug/l	99
64) Tetrachloroethene	9.32	164	293500	53.714	ug/l	96
65) Chlorobenzene	10.12	112	545939	58.579	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	207977	60.376	ug/l	99
67) Ethyl Benzene	10.24	91	959967	57.729	ug/l	99
68) m/p-Xylenes	10.34	106	730666	117.278	ug/l	99
69) o-Xylene	10.68	106	353324	58.998	ug/l	98
70) Styrene	10.70	104	613150	60.350	ug/l	99
71) Bromoform	10.84	173	174261	62.092	ug/l #	97
73) Isopropylbenzene	11.00	105	922816	57.154	ug/l	99
74) N-amyl acetate	10.88	43	420128	55.785	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	221150	66.898	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	383486	76.127	ug/l	83
77) Bromobenzene	11.24	156	241446	57.934	ug/l	98
78) n-propylbenzene	11.34	91	1038106	55.267	ug/l	99
79) 2-Chlorotoluene	11.40	91	630170	56.837	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	760512	55.786	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	121742	57.593	ug/l	91
82) 4-Chlorotoluene	11.49	91	745017	56.902	ug/l	99
83) tert-Butylbenzene	11.76	119	638005	54.305	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	767972	55.721	ug/l	100
85) sec-Butylbenzene	11.93	105	794176	50.066	ug/l	100
86) p-Isopropyltoluene	12.05	119	753902	51.189	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	420329	56.171	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	422061	55.570	ug/l	98
89) n-Butylbenzene	12.37	91	634876	47.187	ug/l	100
90) Hexachloroethane	12.58	117	129082	51.034	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	411551	57.117	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	70055	52.766	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051820\
Data File : VX016296.D
Acq On : 18 May 2020 13:57
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 19 00:42:19 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)
93) 1,2,4-Trichlorobenzene	13.63	180	284134	53.262	ug/l	97
94) Hexachlorobutadiene	13.77	225	109468	47.680	ug/l	97
95) Naphthalene	13.82	128	964817	55.855	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	272662	52.298	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

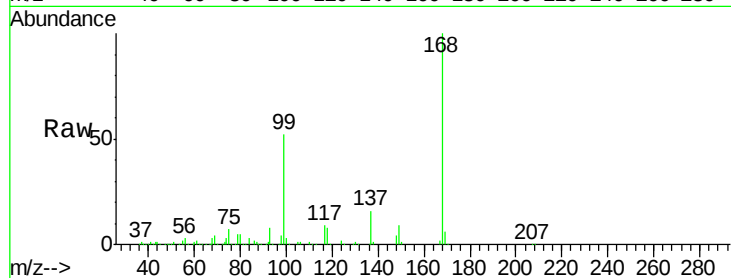
ClientSampleId :

Tot Ion:168 Resp: 312262

Ion Ratio Lower Upper

168 100

99 51.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

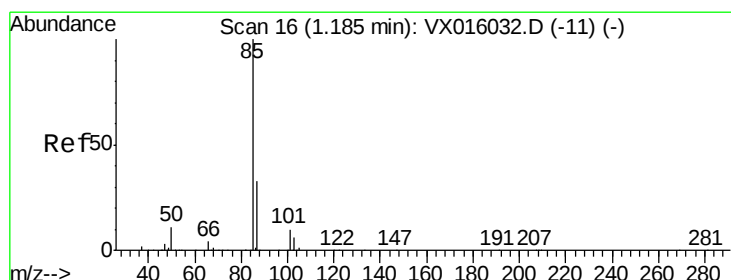
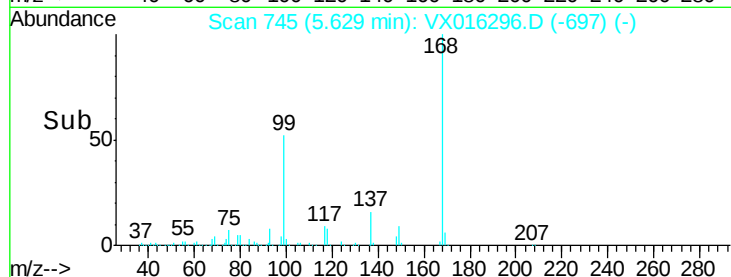
5.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.704 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016296.D

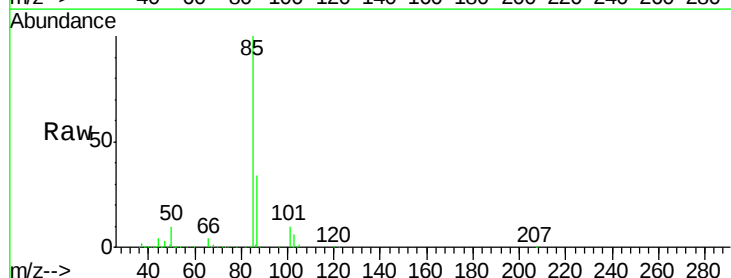
Acq: 18 May 2020 13:57

Tgt Ion: 85 Resp: 174197

Ion Ratio Lower Upper

85 100

87 33.5 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

200000

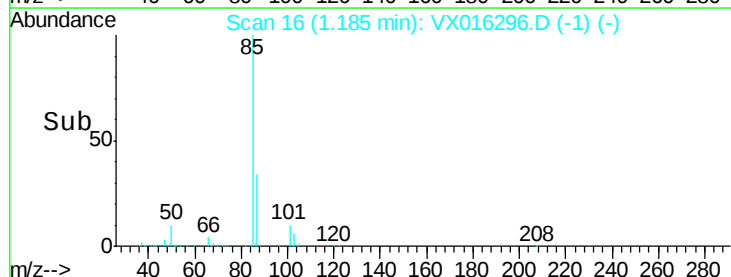
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.749 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

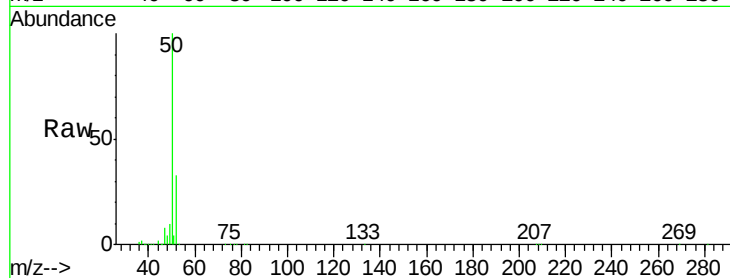
ClientSampleId :

Tot Ion: 50 Resp: 183283

Ion Ratio Lower Upper

50 100

52 33.2 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

200000

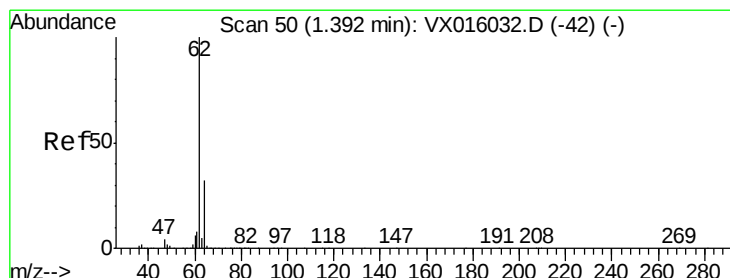
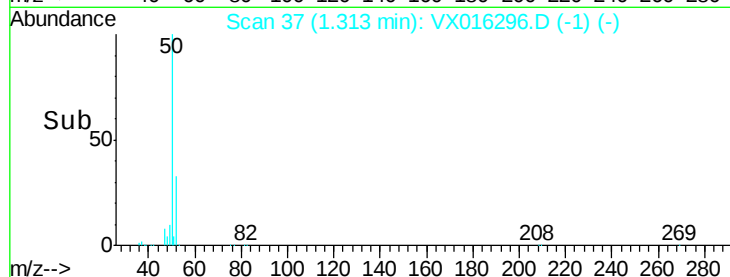
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 51.383 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016296.D

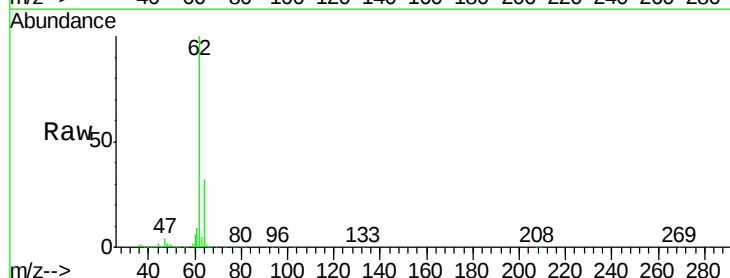
Acq: 18 May 2020 13:57

Tgt Ion: 62 Resp: 210426

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

250000

200000

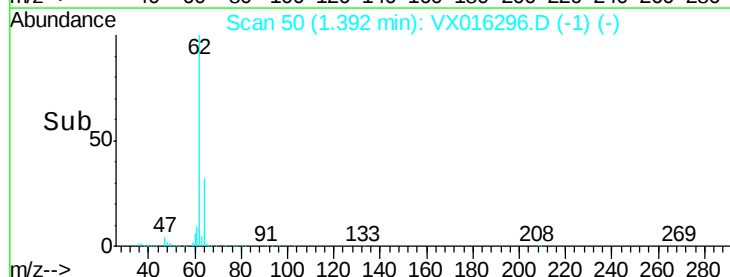
150000

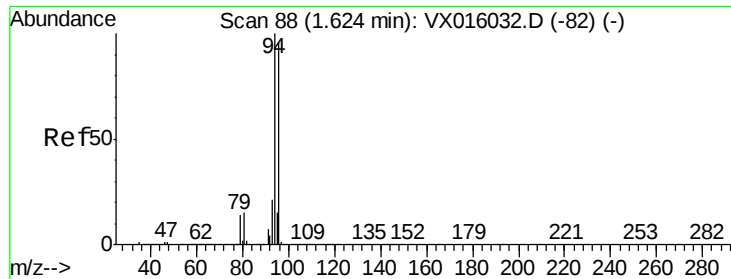
100000

50000

0

Time-->





#5

Bromomethane

Concen: 42.955 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

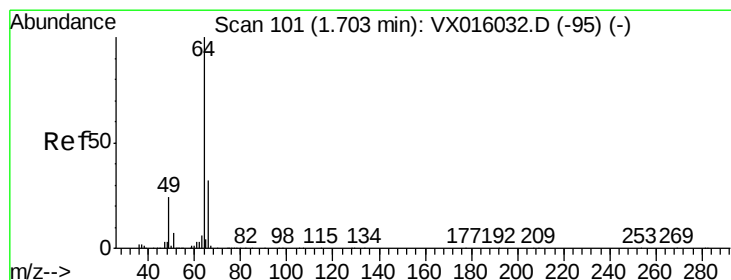
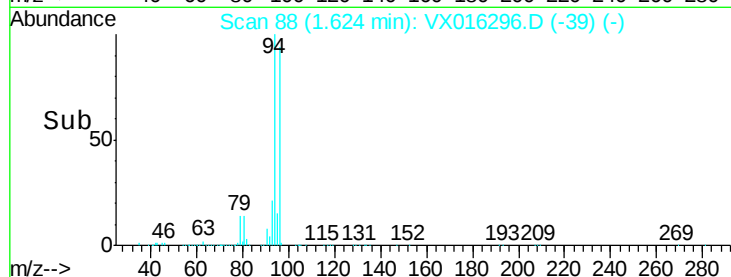
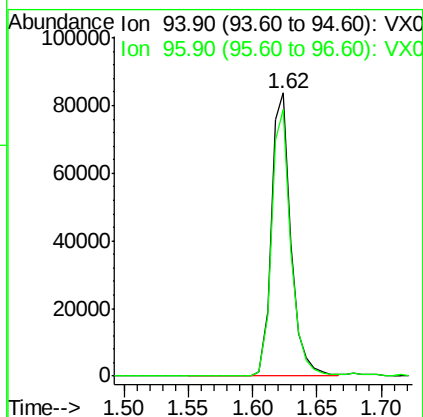
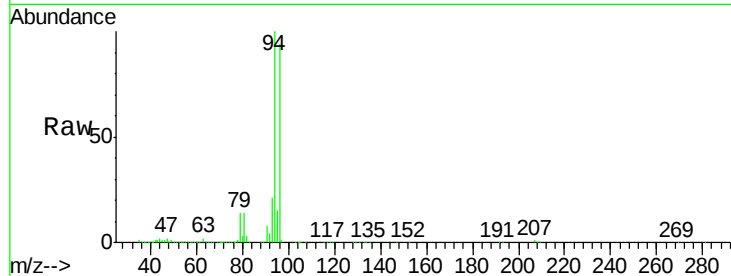
ClientSampled :

Tot Ion: 94 Resp: 88684

Ion Ratio Lower Upper

94 100

96 94.0 76.9 115.3



#6

Chloroethane

Concen: 52.473 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016296.D

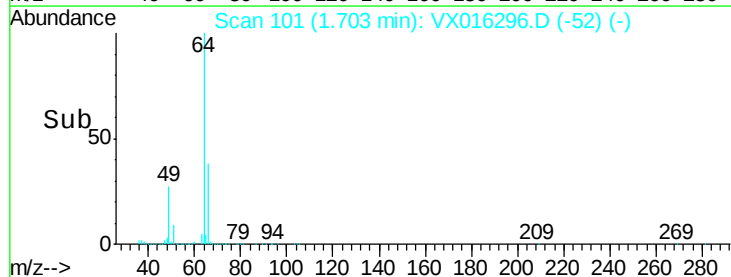
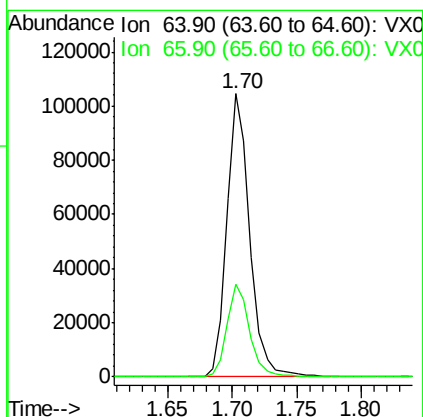
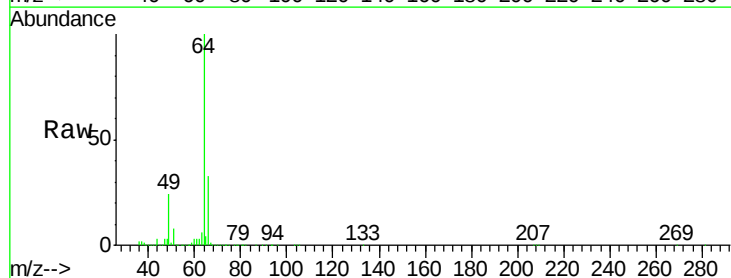
Acq: 18 May 2020 13:57

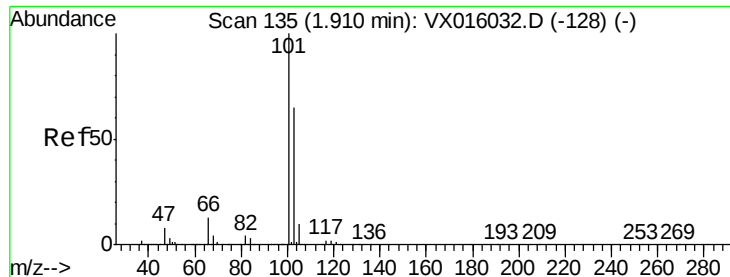
Tgt Ion: 64 Resp: 130750

Ion Ratio Lower Upper

64 100

66 32.6 25.2 37.8



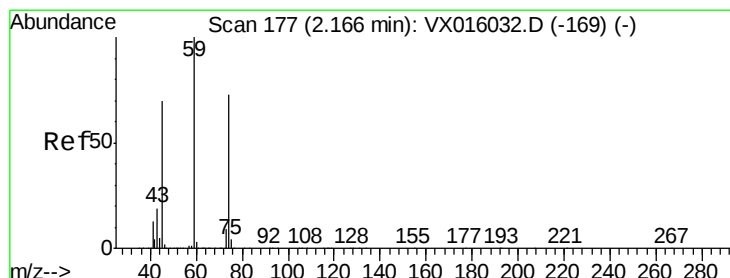
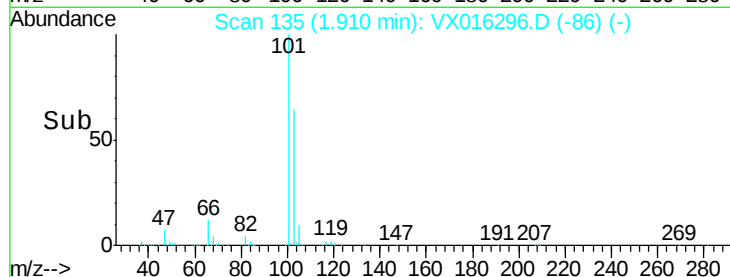
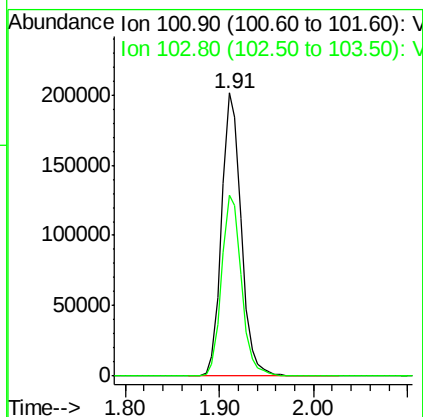
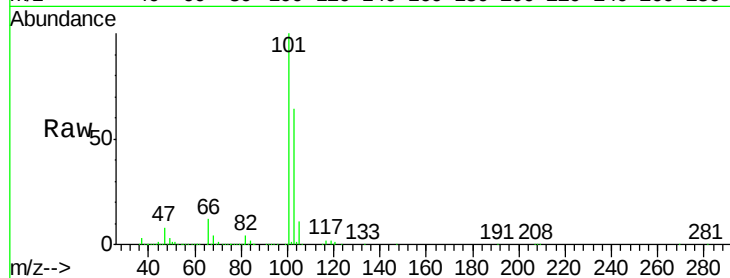


#7

Trichlorofluoromethane
Concen: 54.070 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :

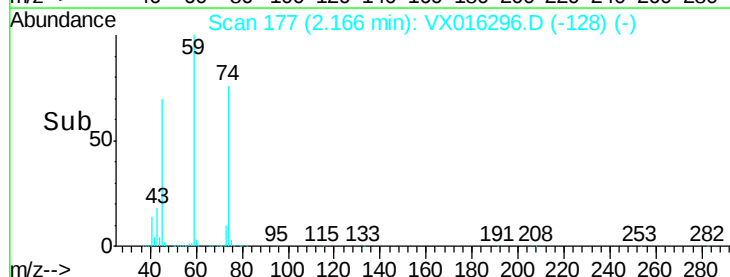
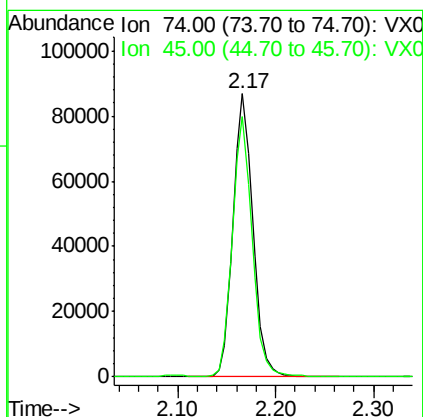
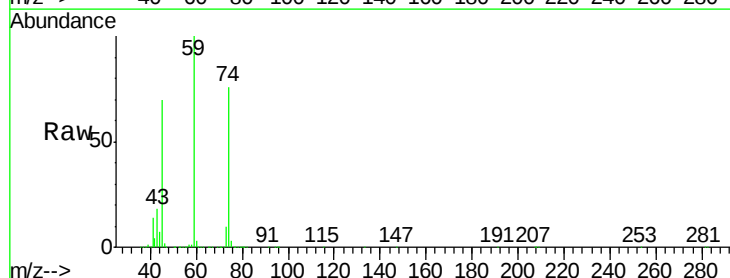
Tot Ion:101 Resp: 290705
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.6

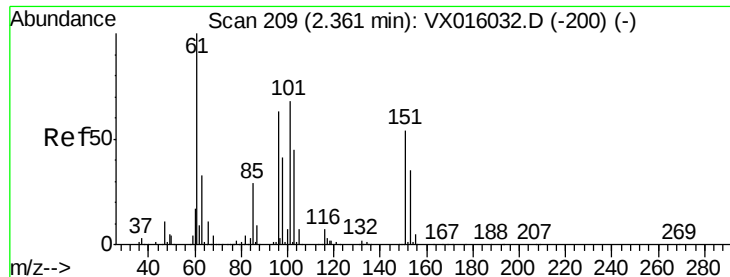


#8

Diethyl Ether
Concen: 54.297 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion: 74 Resp: 122999
Ion Ratio Lower Upper
74 100
45 90.5 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.782 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

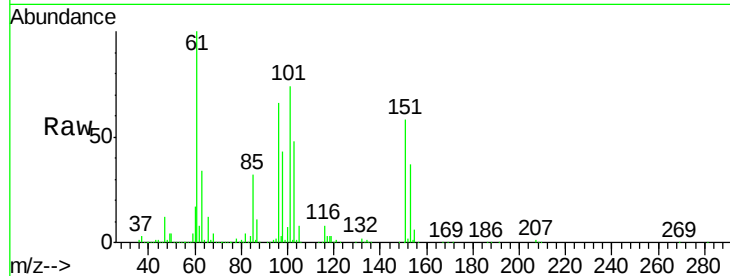
Tot Ion:101 Resp: 166826

Ion Ratio Lower Upper

101 100

85 43.3 34.2 51.4

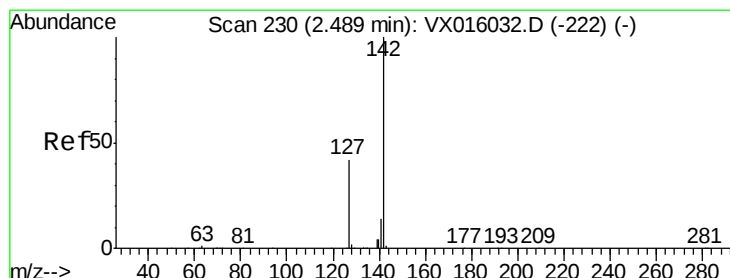
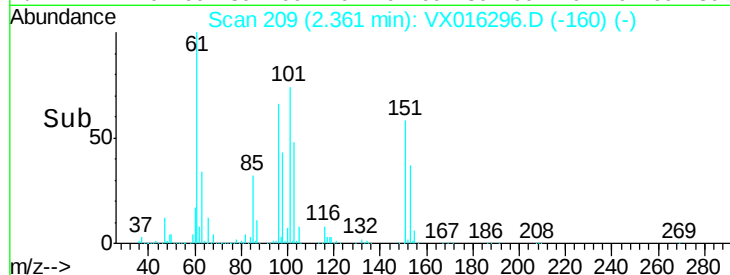
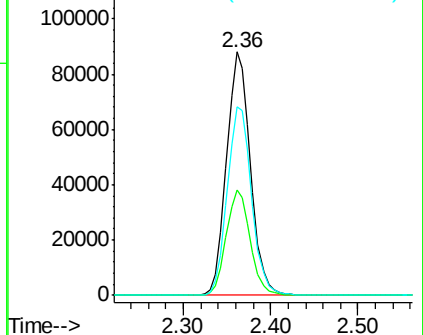
151 79.3 62.1 93.1



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: 38.850 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

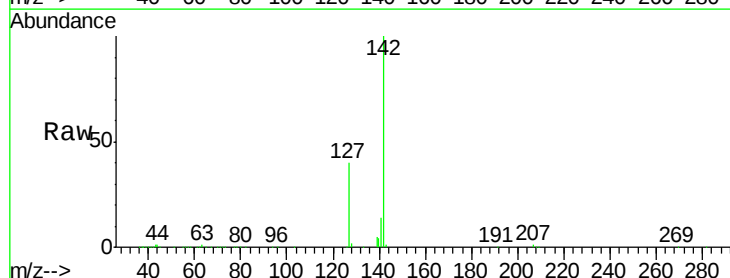
Tgt Ion:142 Resp: 161868

Ion Ratio Lower Upper

142 100

127 41.6 34.6 52.0

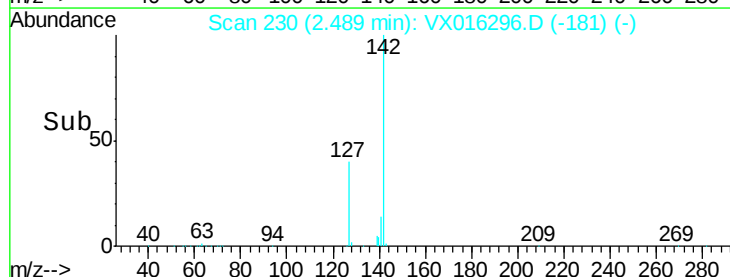
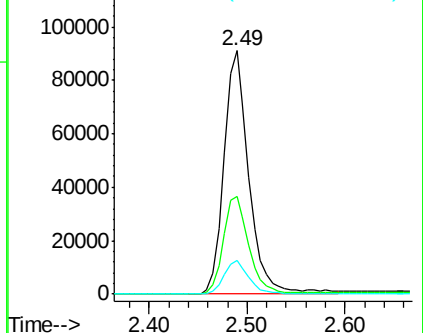
141 13.6 11.3 16.9



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



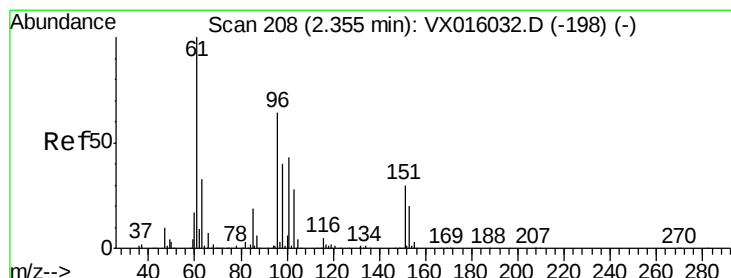
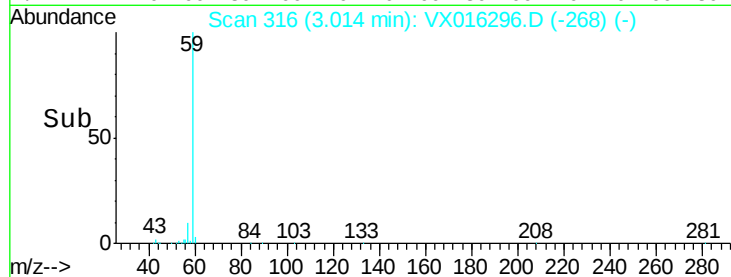
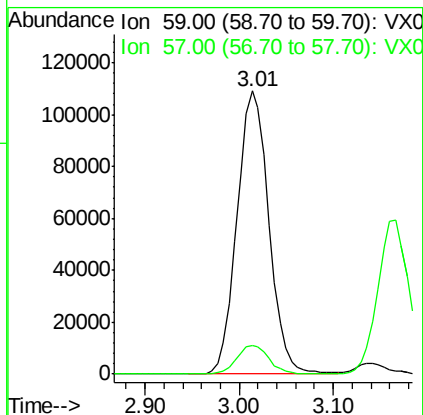
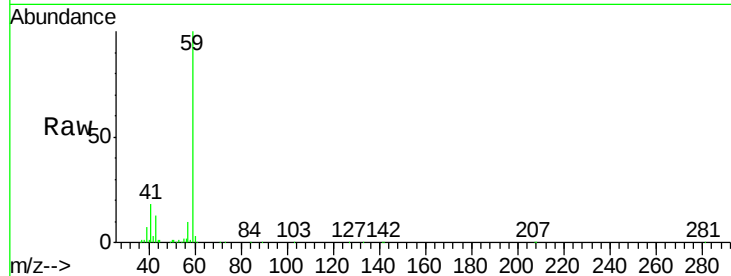


#11

Tert butyl alcohol
Concen: 248.146 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :

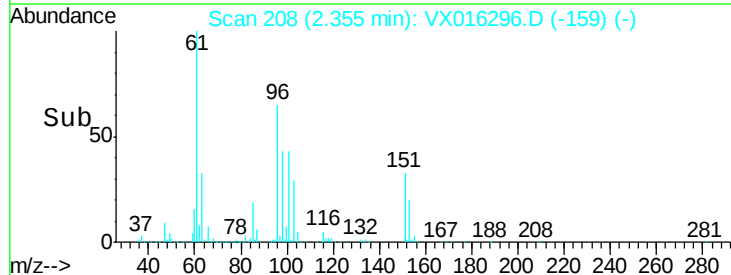
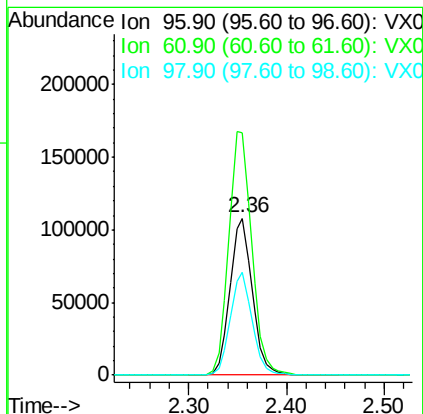
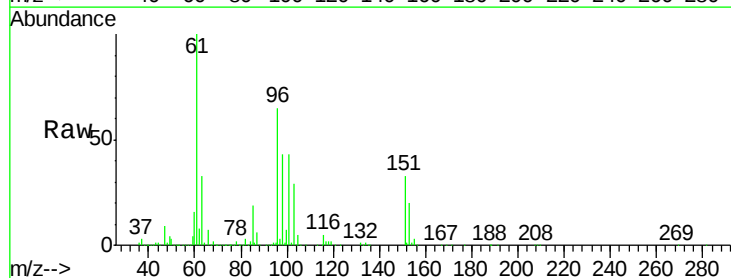
Tot Ion: 59 Resp: 257842
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

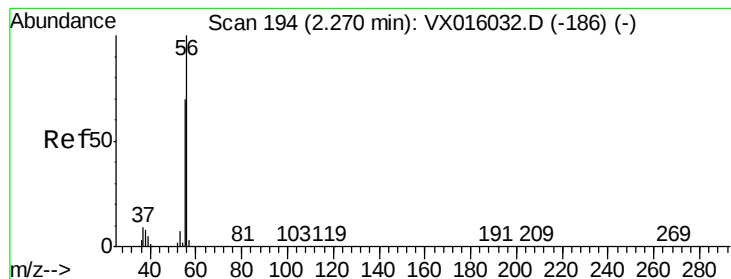


#12

1,1-Dichloroethene
Concen: 52.564 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion: 96 Resp: 170624
Ion Ratio Lower Upper
96 100
61 154.6 124.8 187.2
98 65.8 49.7 74.5





#13

Acrolein

Concen: 343.741 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

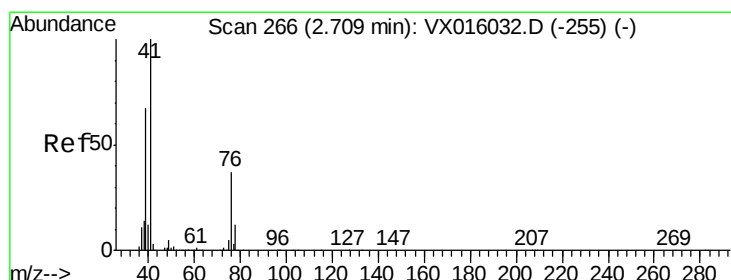
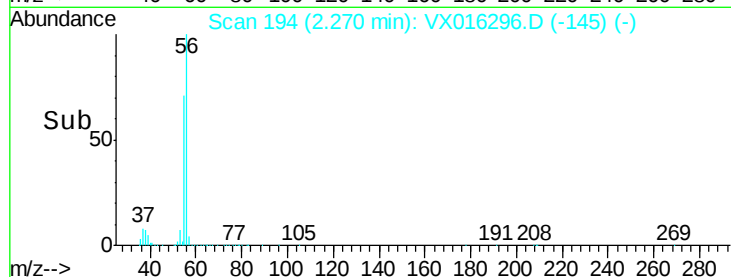
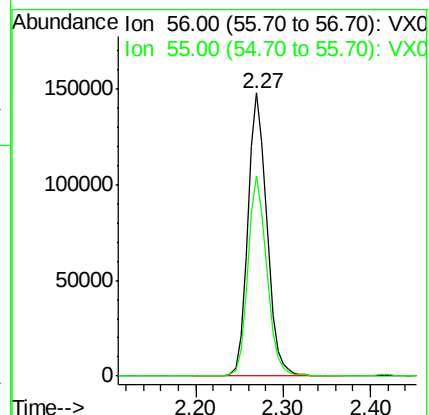
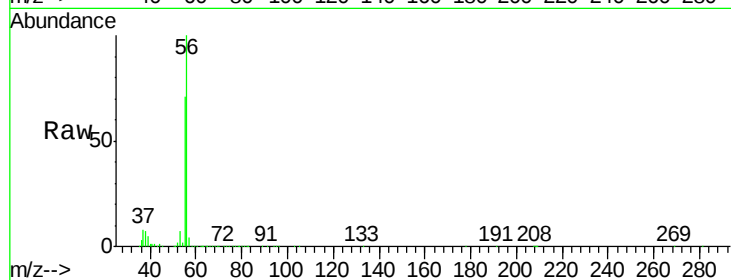
ClientSampleId :

Tot Ion: 56 Resp: 223506

Ion Ratio Lower Upper

56 100

55 70.0 56.5 84.7



#14

Allyl chloride

Concen: 51.709 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

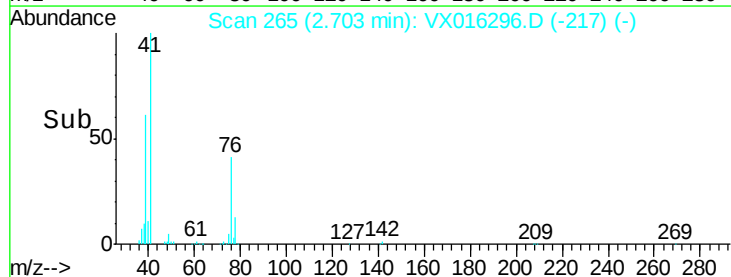
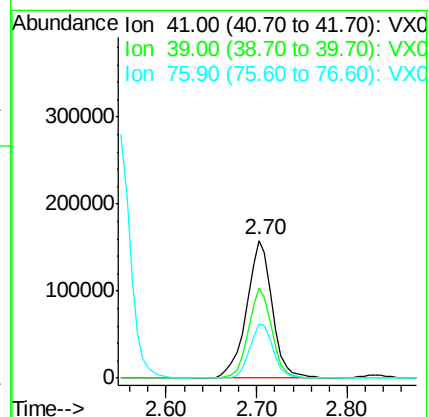
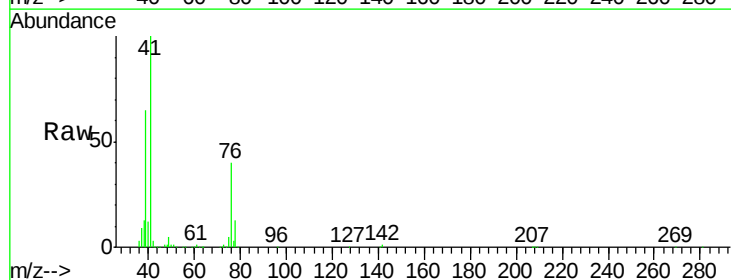
Tgt Ion: 41 Resp: 307757

Ion Ratio Lower Upper

41 100

39 60.0 50.5 75.7

76 35.9 26.6 40.0





#15

Acrylonitrile

Concen: 261.290 ug/l

RT: 3.11 min Scan# 332

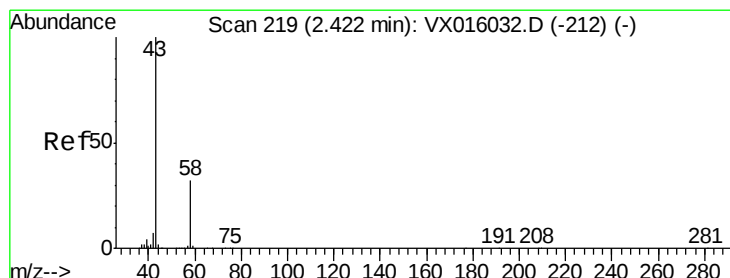
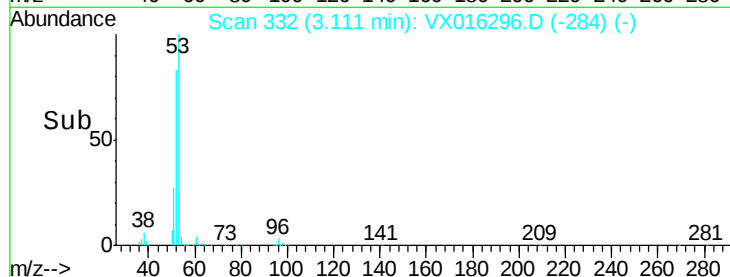
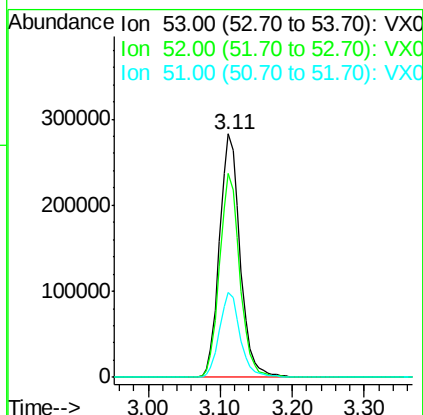
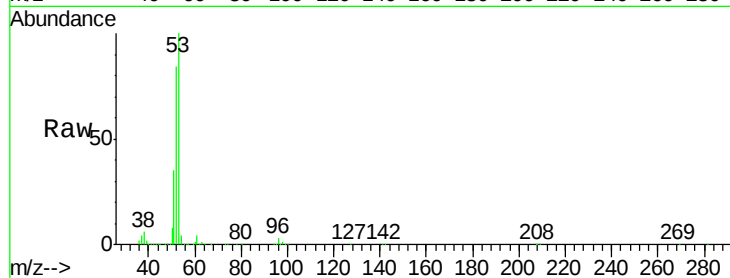
Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	563227
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.1	99.1
51	35.1	28.8	43.2



#16

Acetone

Concen: 248.800 ug/l

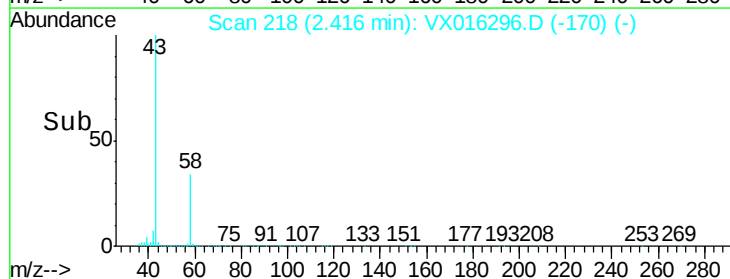
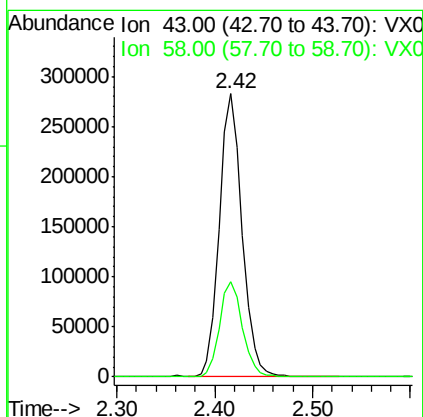
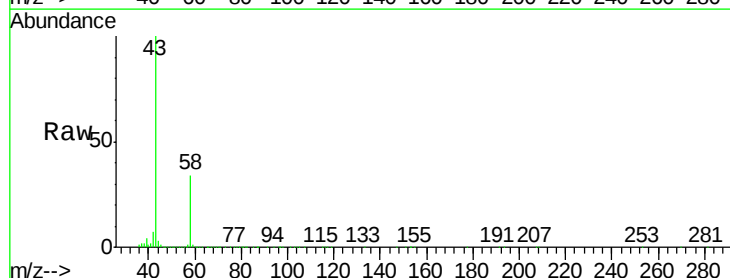
RT: 2.42 min Scan# 218

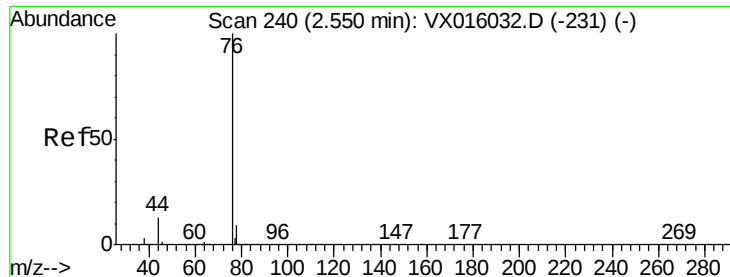
Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion:	43	Resp:	456155
Ion	Ratio	Lower	Upper
43	100		
58	33.6	25.4	38.0





#17

Carbon Disulfide

Concen: 48.824 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

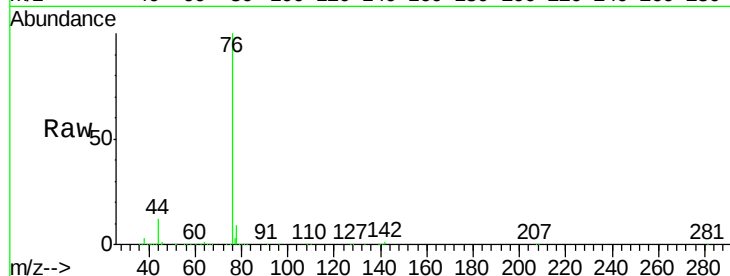
ClientSampleId :

Tot Ion: 76 Resp: 475979

Ion Ratio Lower Upper

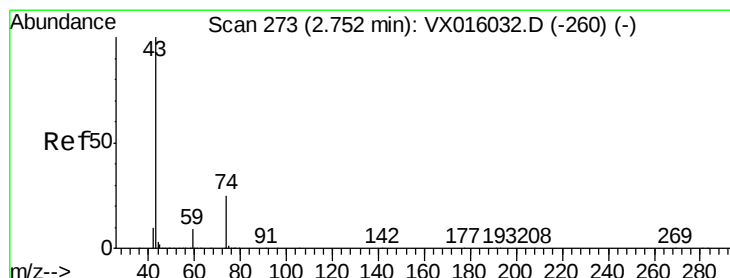
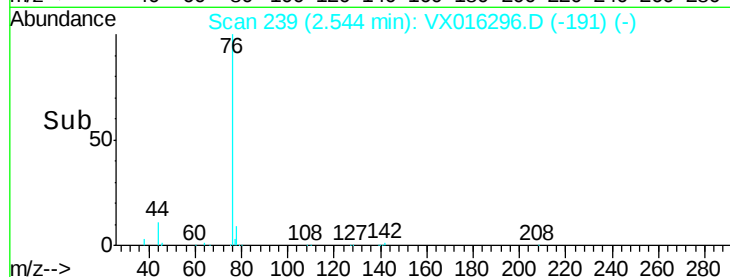
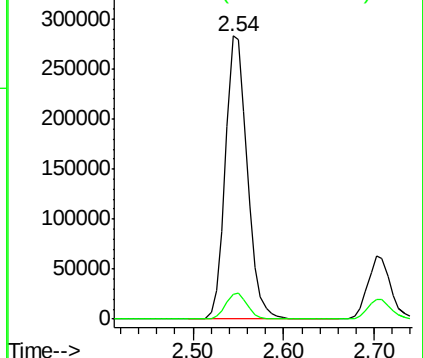
76 100

78 8.7 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: 55.130 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016296.D

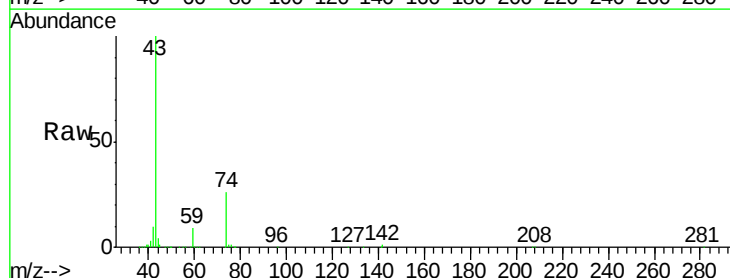
Acq: 18 May 2020 13:57

Tgt Ion: 43 Resp: 248523

Ion Ratio Lower Upper

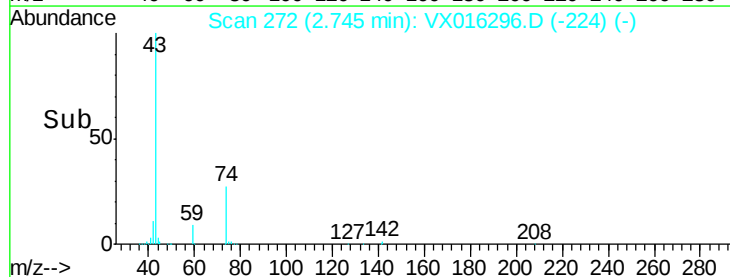
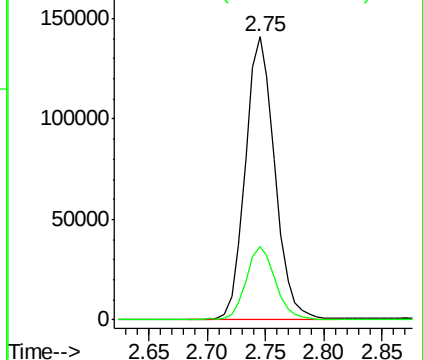
43 100

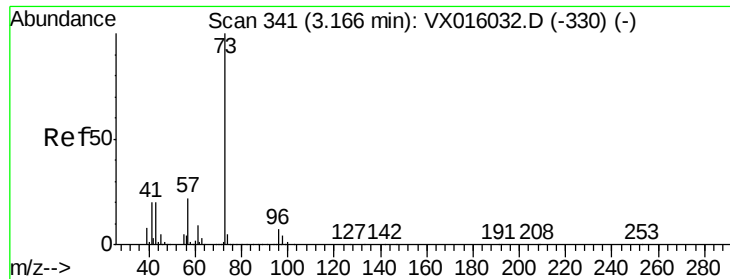
74 26.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

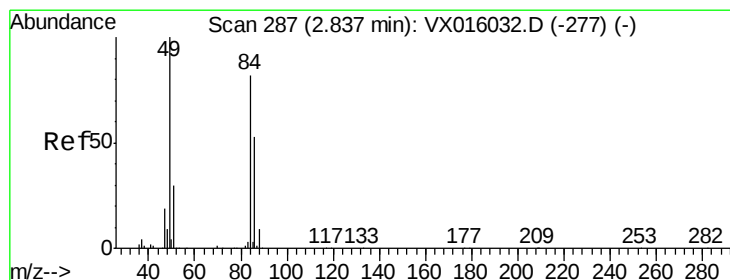
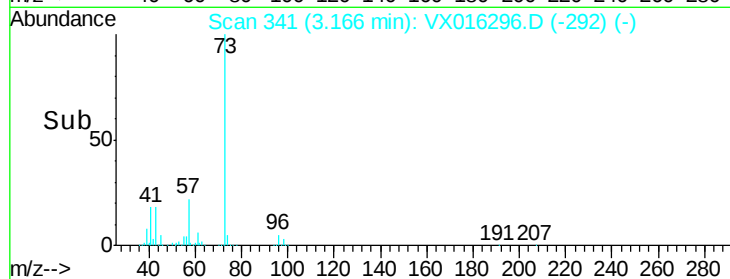
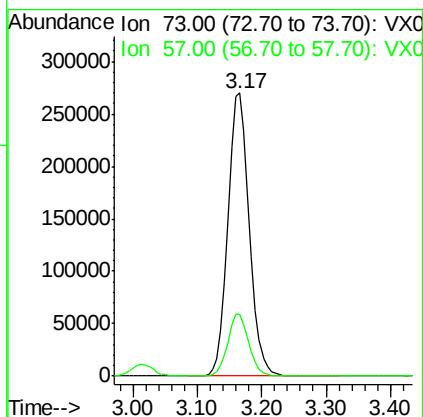
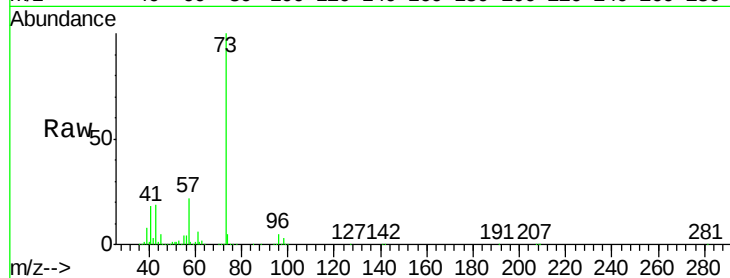




#19
Methvl tert-butvl Ether
Concen: 56.271 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

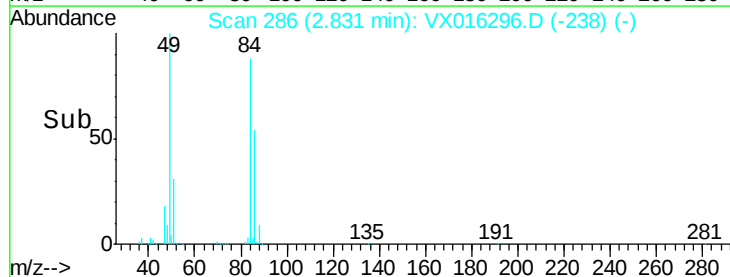
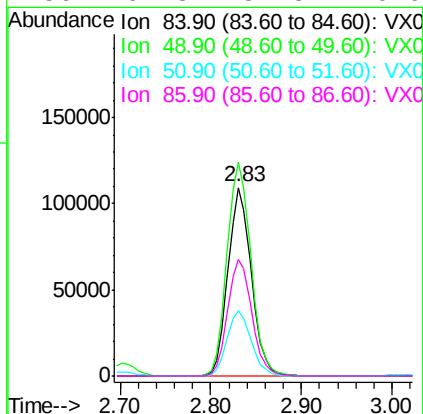
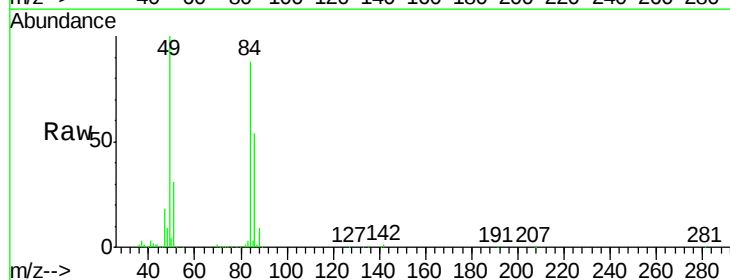
Instrument :
MSVOA_X
ClientSampleId :

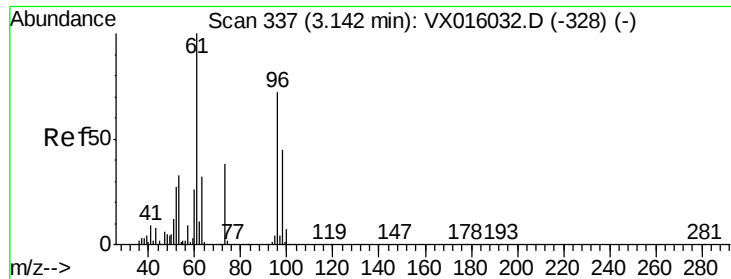
Tot Ion: 73 Resp: 629664
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.6



#20
Methylene Chloride
Concen: 51.856 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion: 84 Resp: 195994
Ion Ratio Lower Upper
84 100
49 113.4 97.3 145.9
51 34.8 29.3 43.9
86 61.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 52.793 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

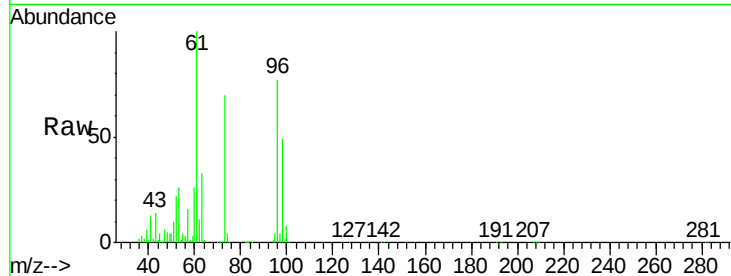
Tot Ion: 96 Resp: 190967

Ion Ratio Lower Upper

96 100

61 129.8 111.2 166.8

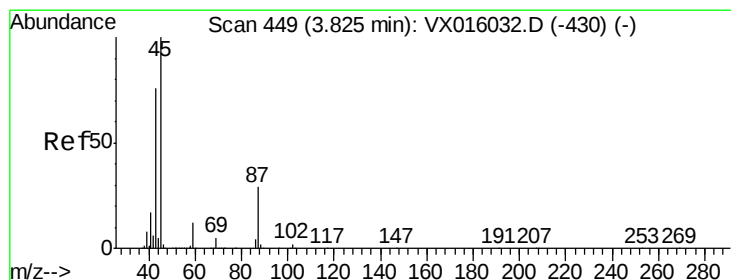
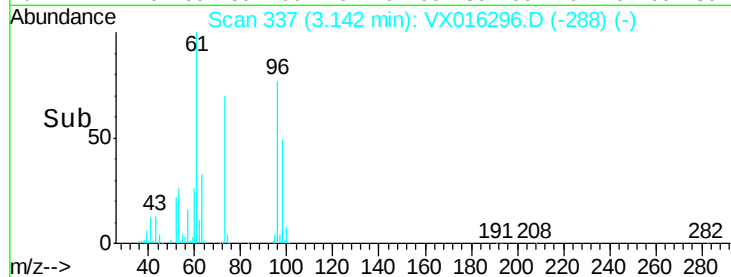
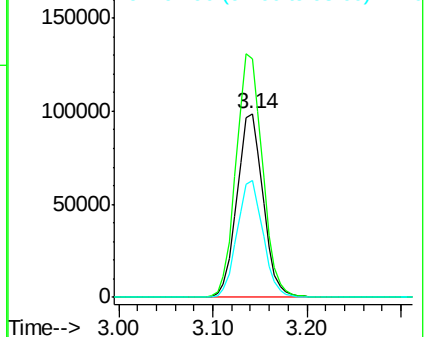
98 63.8 50.2 75.4



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: 53.454 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion: 45 Resp: 600197

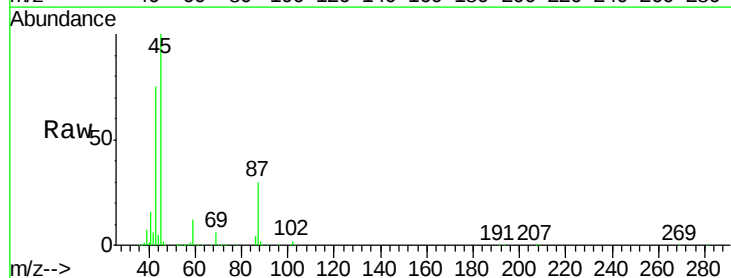
Ion Ratio Lower Upper

45 100

43 74.9 61.1 91.7

87 29.8 23.0 34.6

59 12.0 9.8 14.6

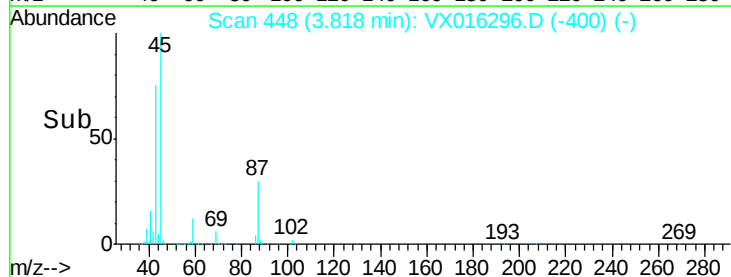
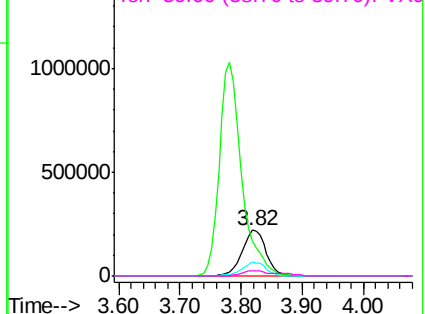


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 265.548 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

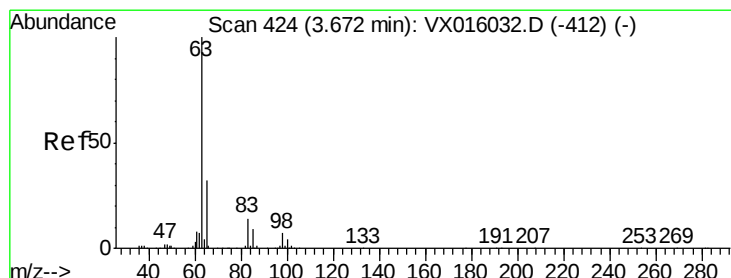
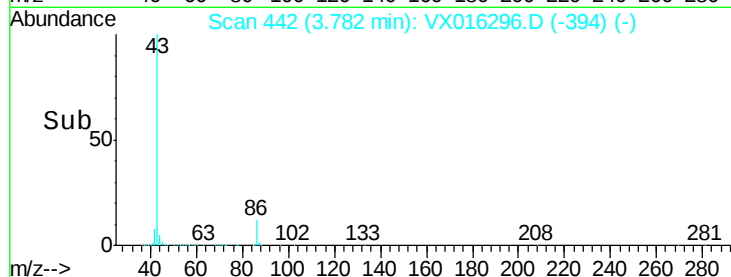
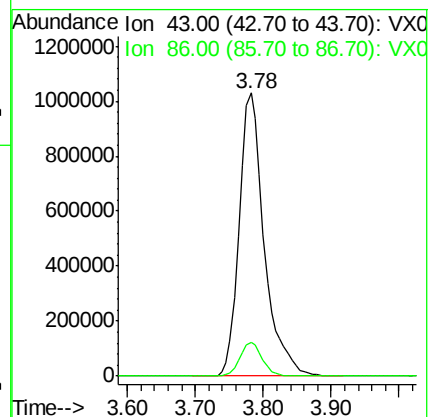
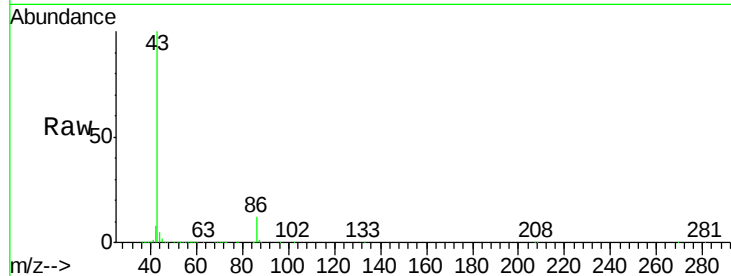
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 2623193

Ion Ratio Lower Upper

43 100

86 12.0 9.0 13.4



#24

1,1-Dichloroethane

Concen: 54.606 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

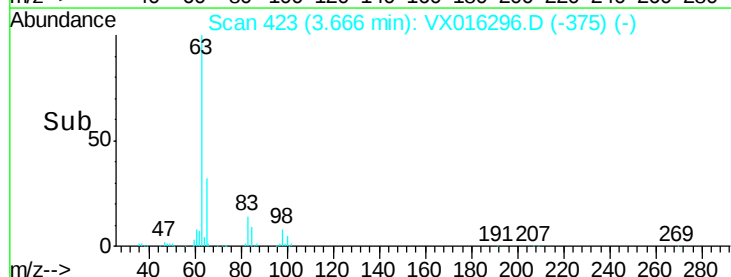
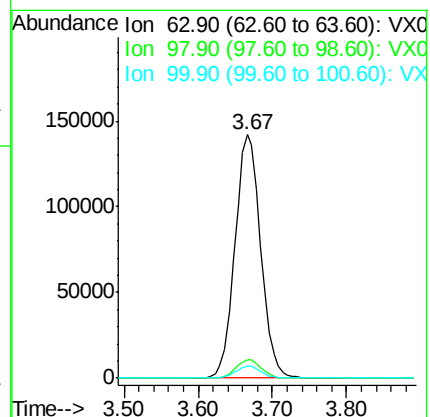
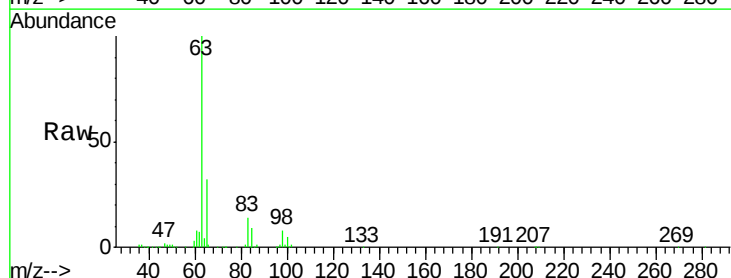
Tgt Ion: 63 Resp: 342980

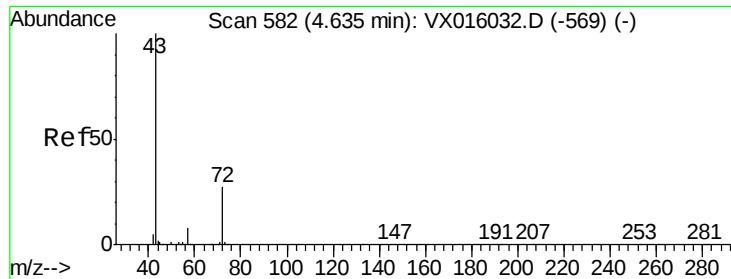
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.5

100 4.8 2.1 6.5

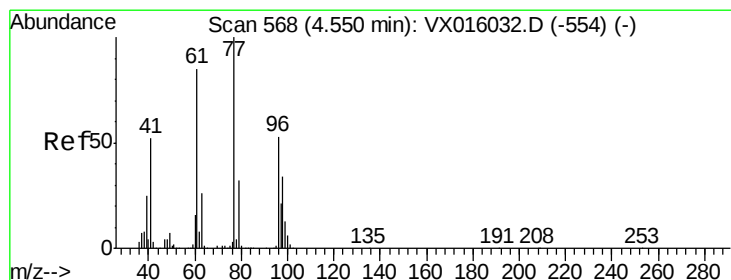
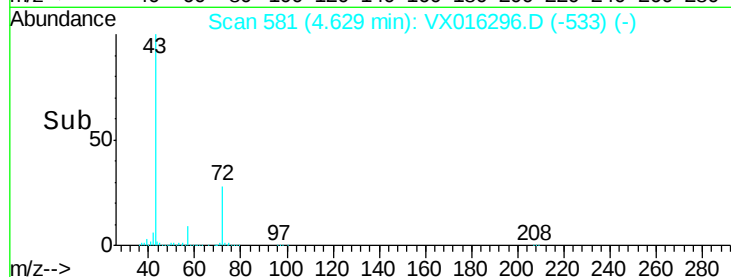
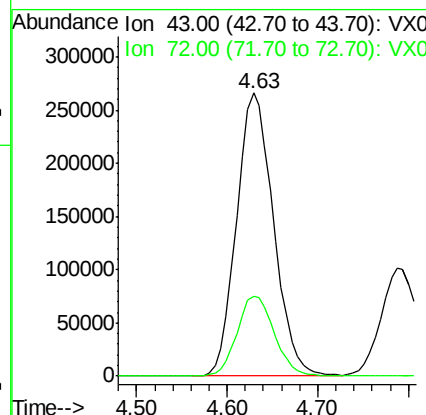
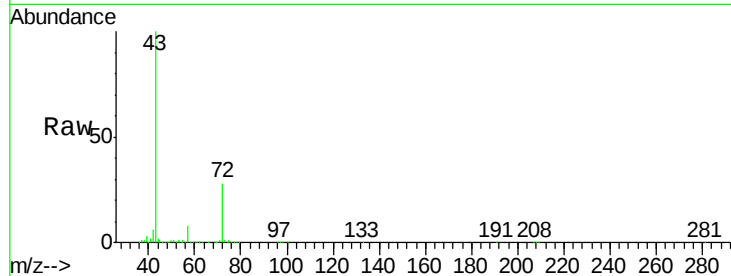




#25
 2-Butanone
 Concen: 253.304 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

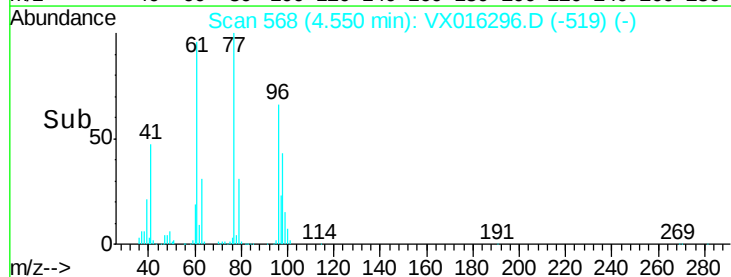
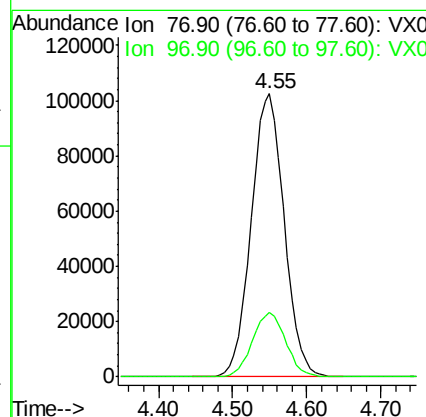
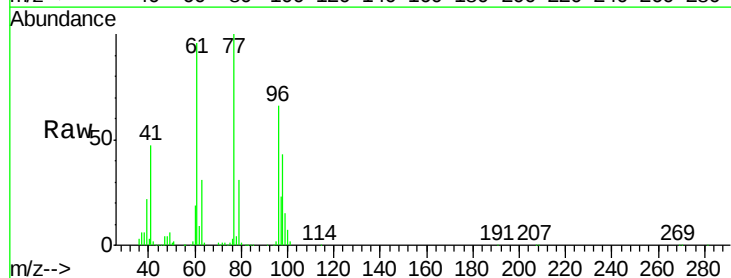
Instrument :
 MSVOA_X
 ClientSampleId :

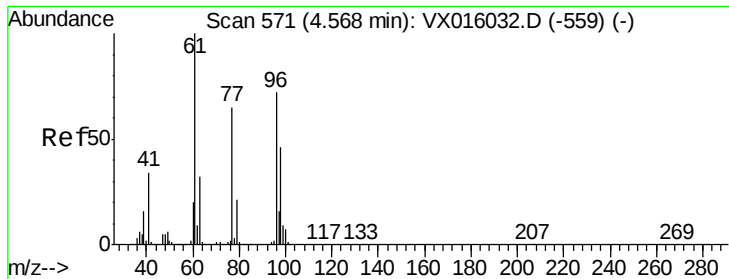
Tot Ion: 43 Resp: 748356
 Ion Ratio Lower Upper
 43 100
 72 28.2 21.8 32.8



#26
 2,2-Dichloropropane
 Concen: 55.500 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Tgt Ion: 77 Resp: 318359
 Ion Ratio Lower Upper
 77 100
 97 23.0 11.2 33.6



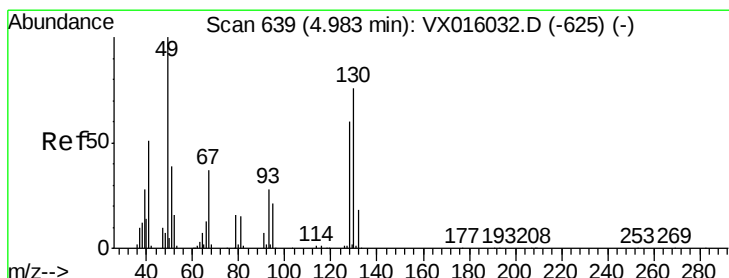
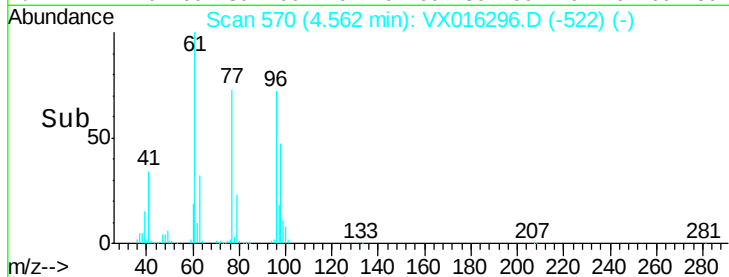
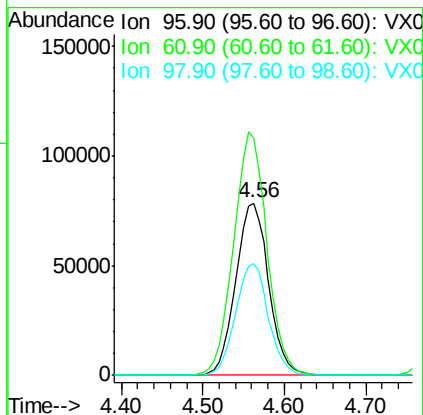
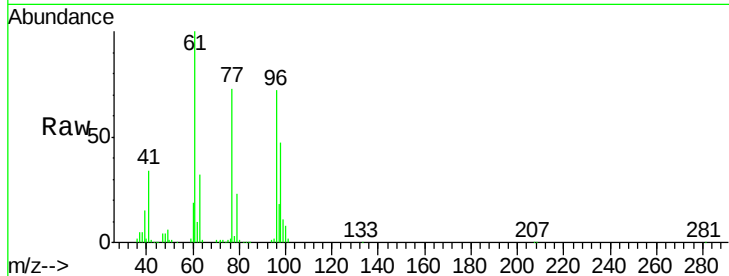


#27

cis-1,2-Dichloroethene
Concen: 55.373 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampled :

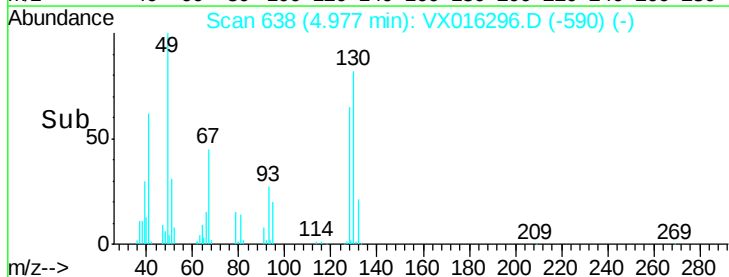
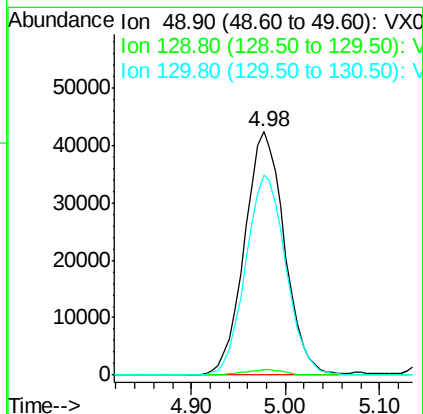
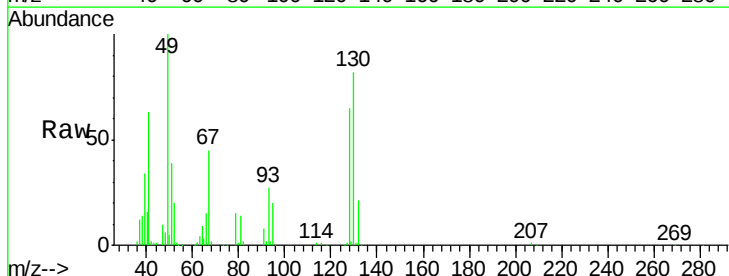
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	296.2
98	64.9	0.0	129.4

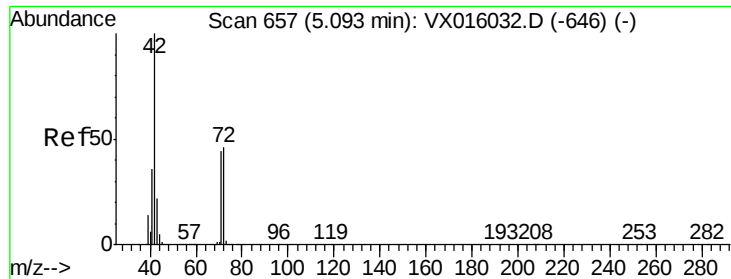


#28

Bromochloromethane
Concen: 43.814 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	82.9	62.4	93.6





#29

Tetrahydrofuran

Concen: 255.232 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

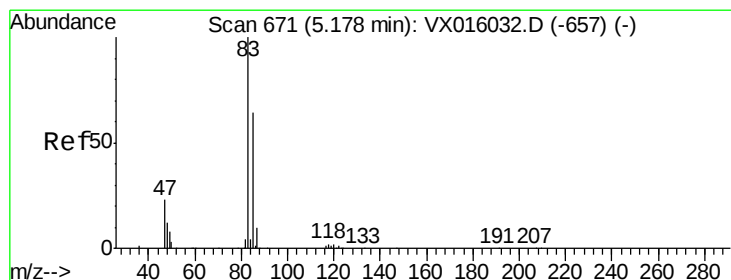
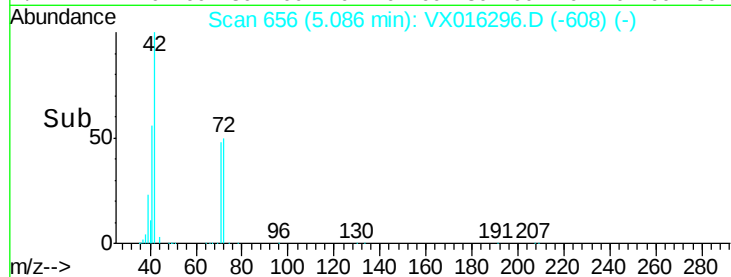
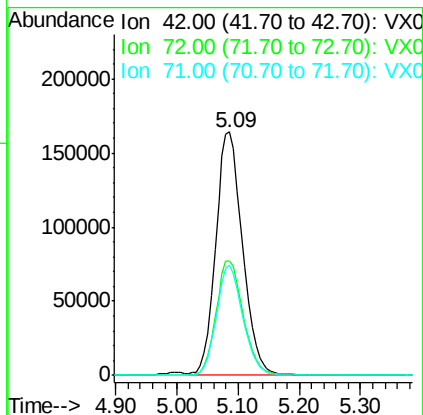
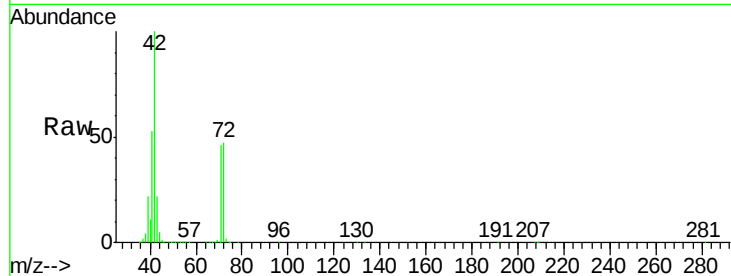
Tot Ion: 42 Resp: 499637

Ion Ratio Lower Upper

42 100

72 48.2 37.1 55.7

71 44.7 34.5 51.7



#30

Chloroform

Concen: 55.234 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016296.D

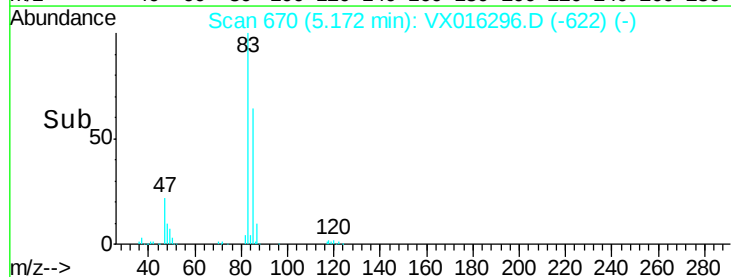
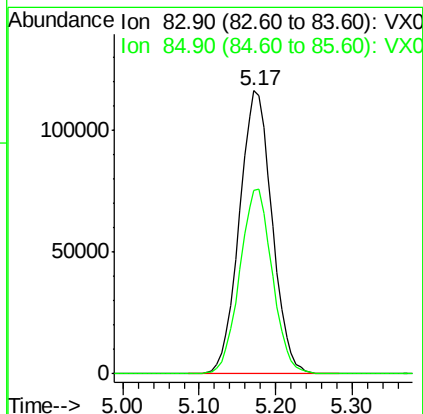
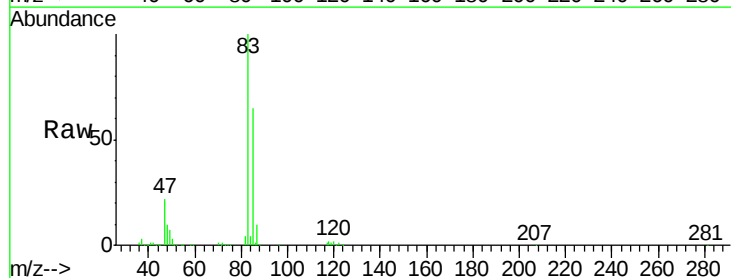
Acq: 18 May 2020 13:57

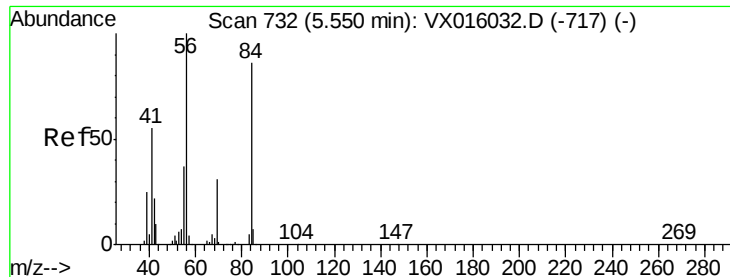
Tgt Ion: 83 Resp: 345425

Ion Ratio Lower Upper

83 100

85 64.7 51.6 77.4

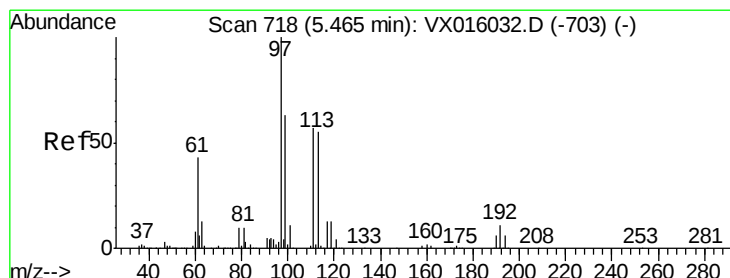
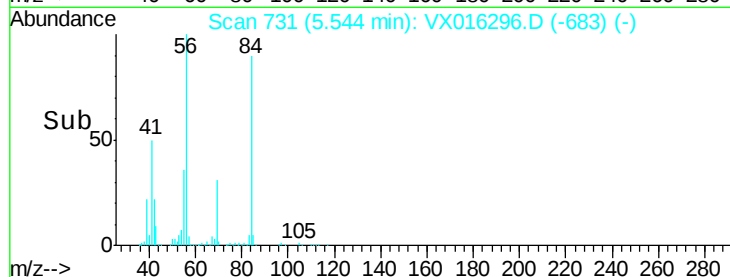
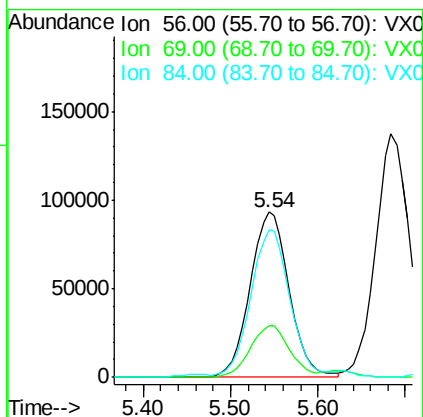
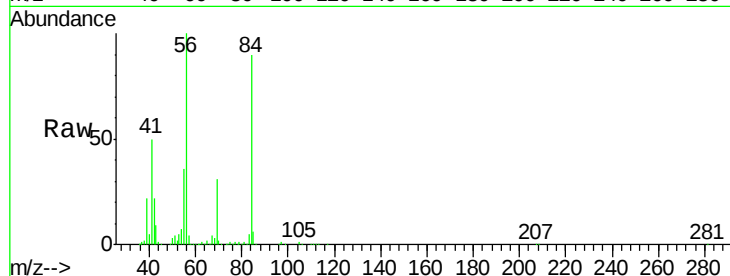




#31
Cvclohexane
Concen: 50.622 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

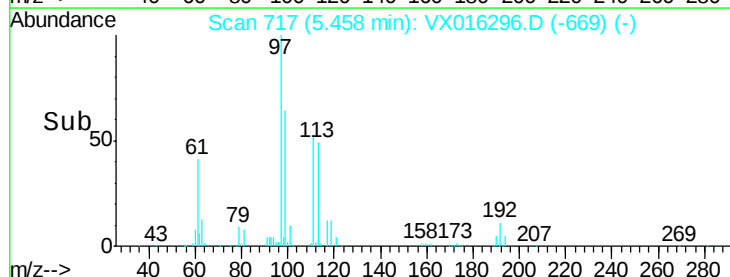
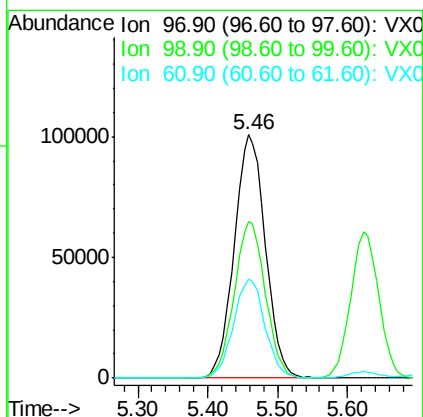
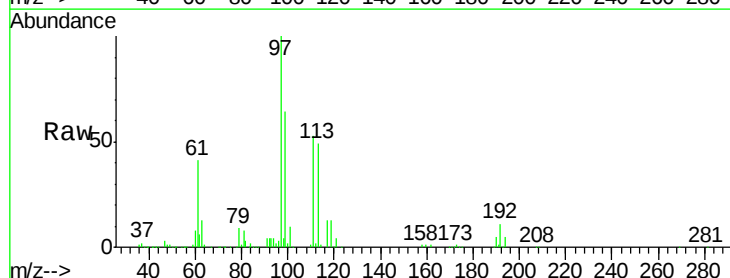
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 288964
Ion Ratio Lower Upper
56 100
69 31.4 25.0 37.6
84 88.3 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 54.727 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion: 97 Resp: 311102
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 41.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 44.342 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

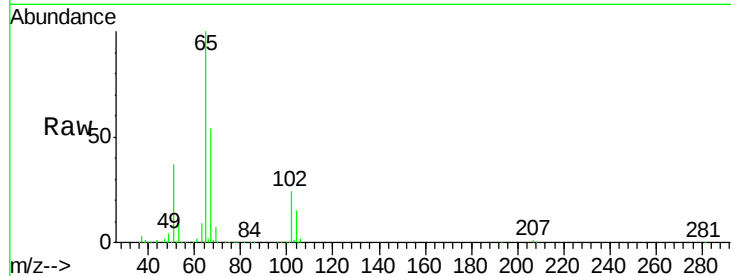
ClientSampleId :

Tot Ion: 65 Resp: 182203

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

6.03

80000

60000

40000

20000

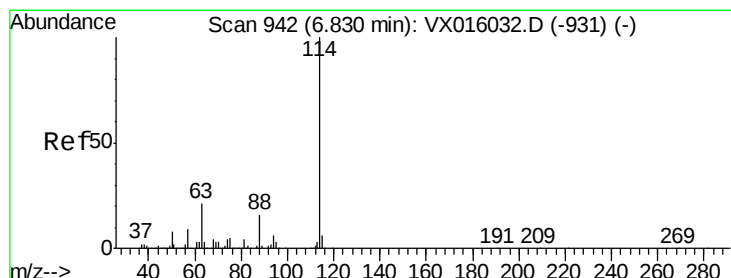
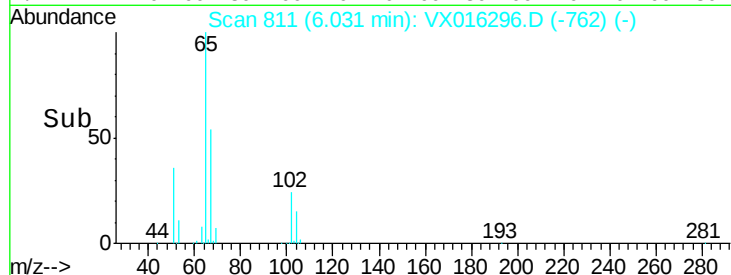
0

Time-->

5.90

6.00

6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

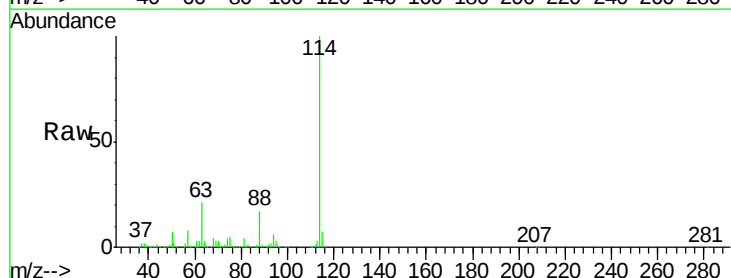
Tgt Ion: 114 Resp: 484188

Ion Ratio Lower Upper

114 100

63 20.5 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

250000

200000

150000

100000

50000

0

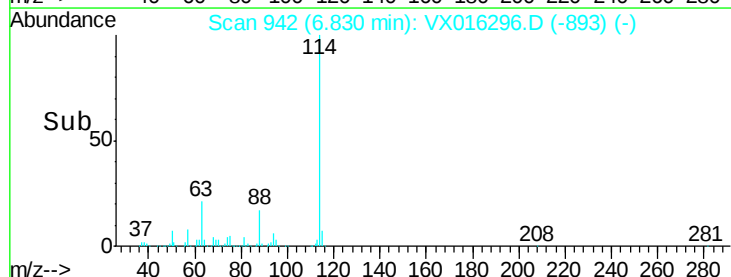
Time-->

6.70

6.80

6.90

7.00

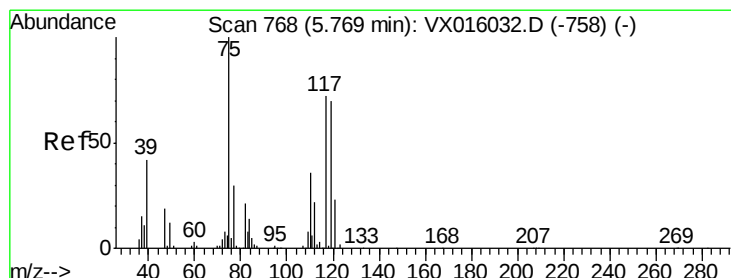
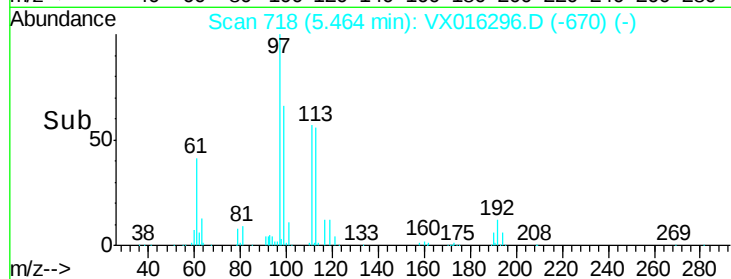
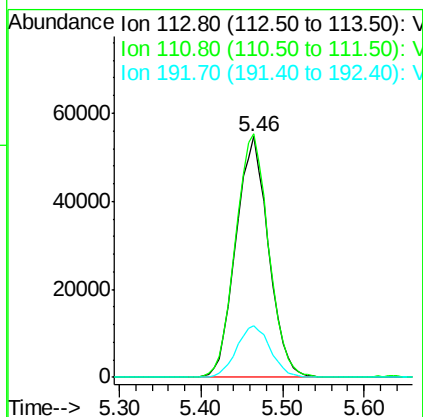
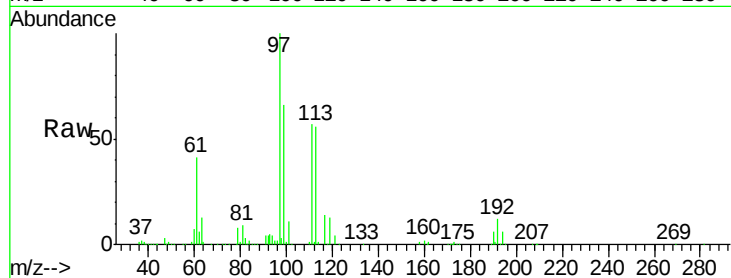




#35
 Dibromofluoromethane
 Concen: 49.544 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

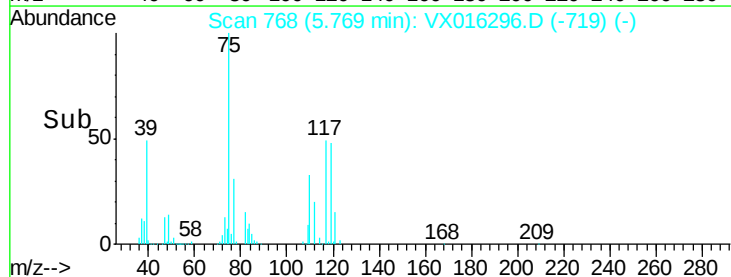
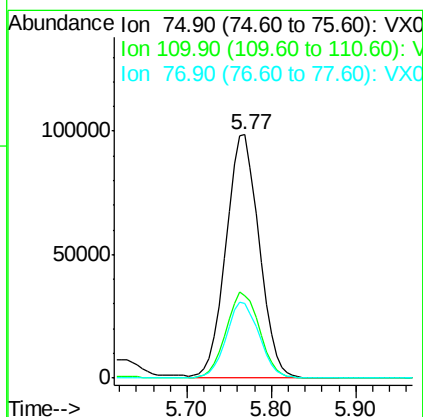
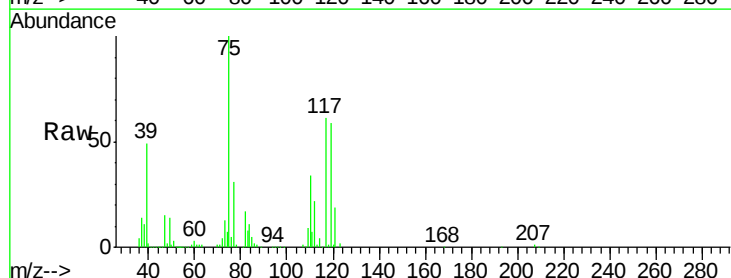
Instrument :
 MSVOA_X
 ClientSampleId :

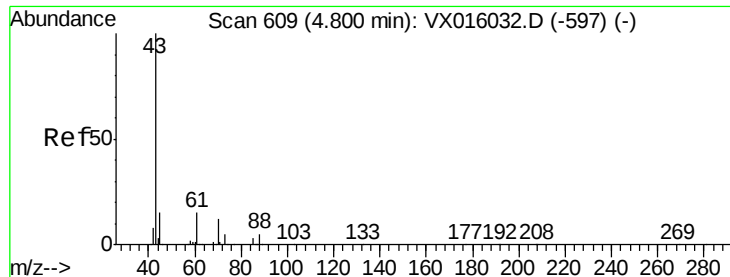
Tot Ion:113 Resp: 151979
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.6 122.4
 192 22.3 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 55.531 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Tgt Ion: 75 Resp: 264670
 Ion Ratio Lower Upper
 75 100
 110 35.6 18.1 54.1
 77 31.0 25.0 37.6

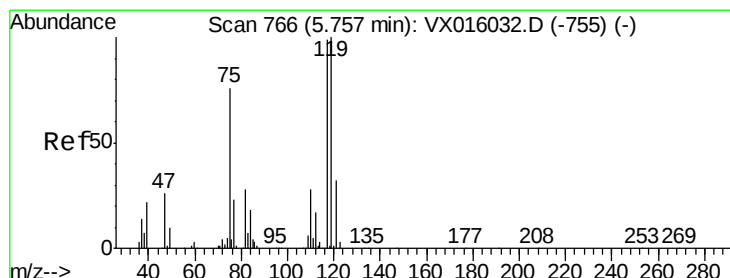
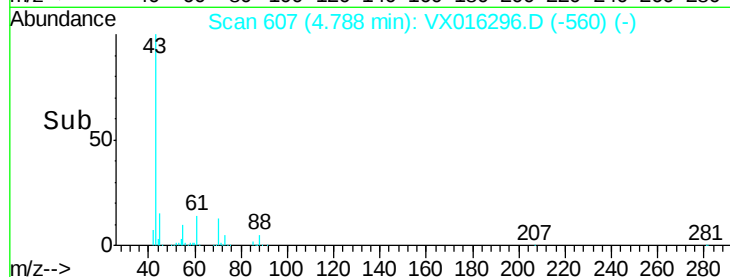
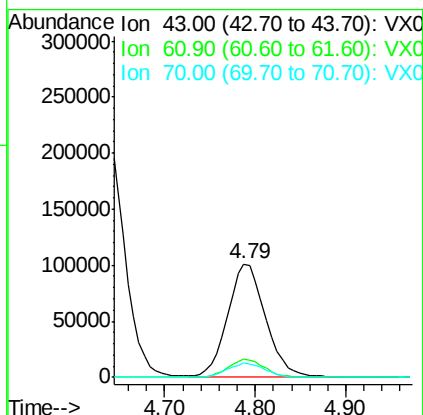
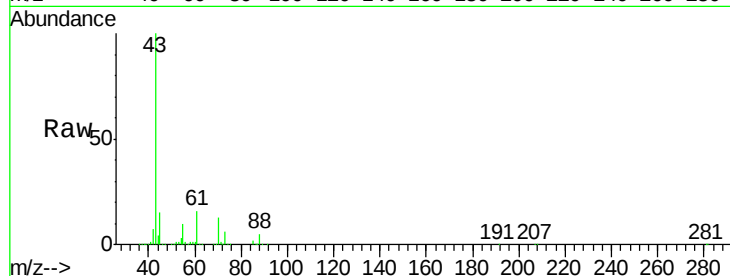




#37
Ethyl Acetate
Concen: 52.673 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

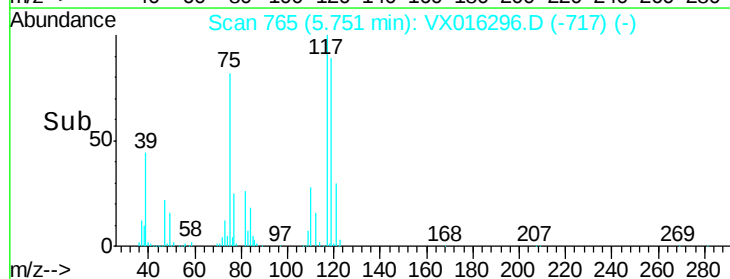
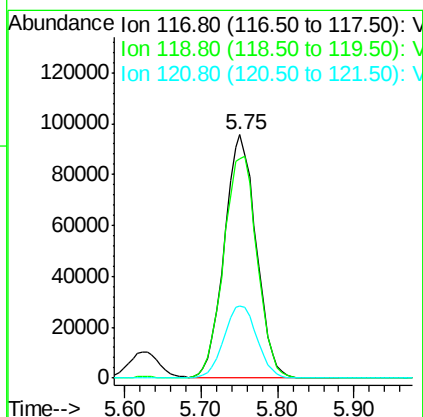
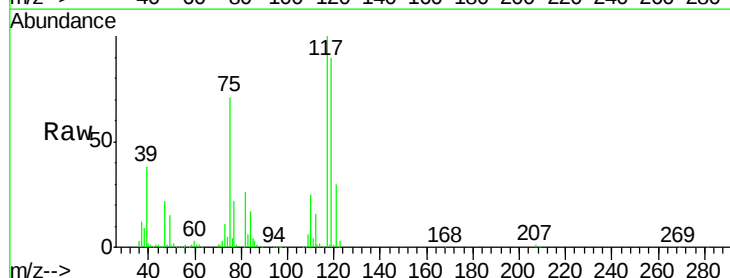
Instrument :
MSVOA_X
ClientSampled :

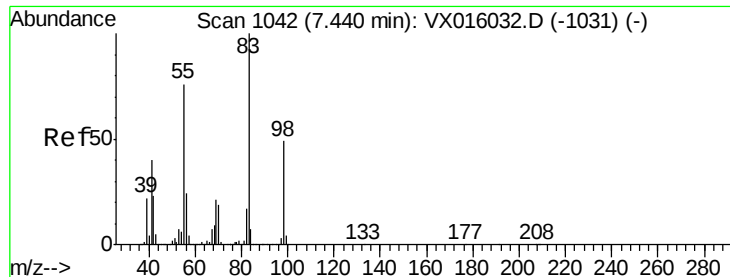
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.7	17.5
70	12.4	9.3	13.9



#38
Carbon Tetrachloride
Concen: 56.785 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.2	80.3	120.5
121	29.8	25.7	38.5

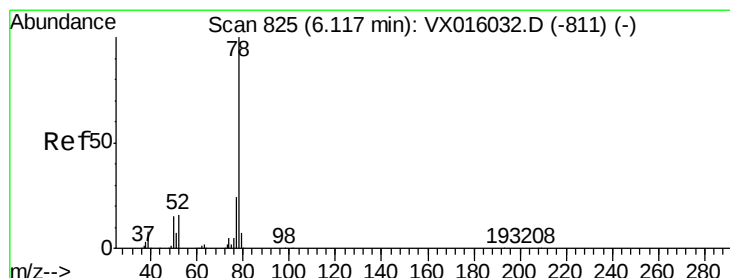
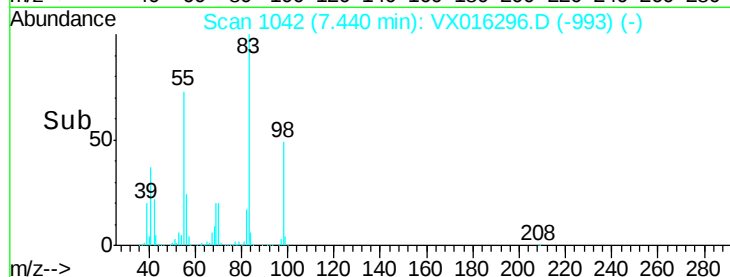
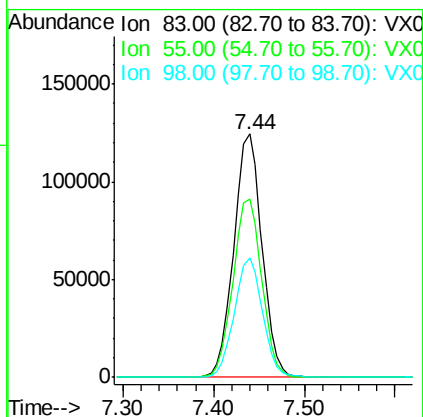
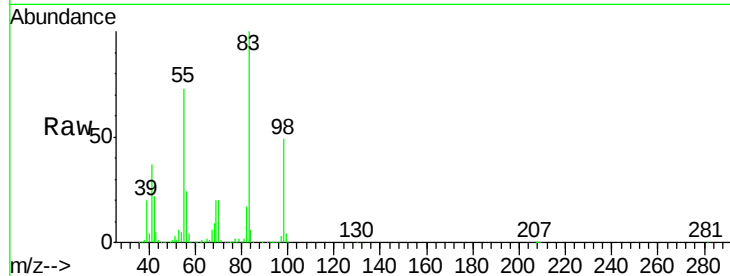




#39
Methvlcvclohexane
Concen: 46.827 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

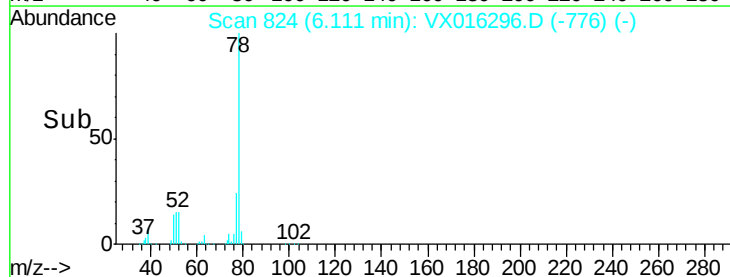
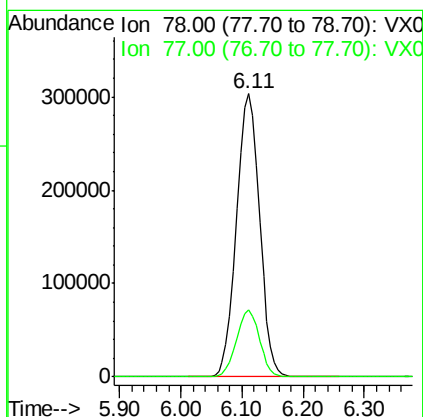
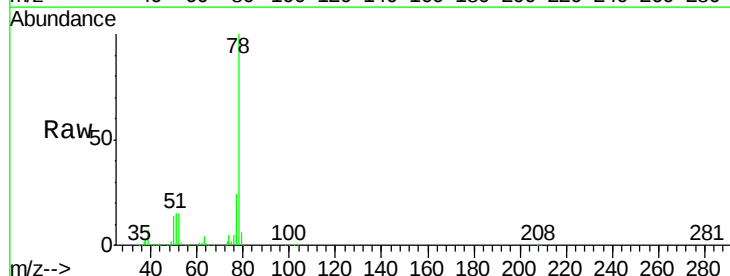
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 268776
Ion Ratio Lower Upper
83 100
55 73.2 61.1 91.7
98 49.0 39.0 58.4



#40
Benzene
Concen: 56.507 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion: 78 Resp: 788015
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

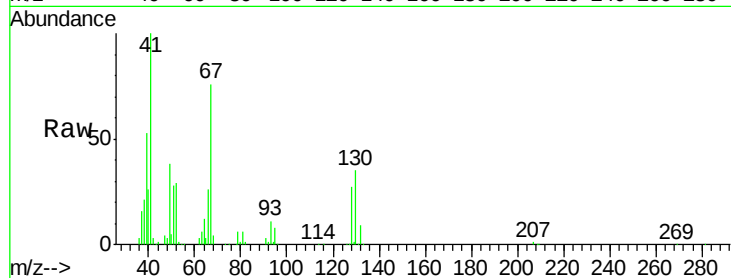




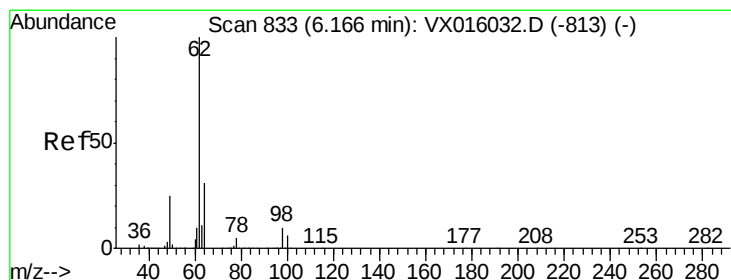
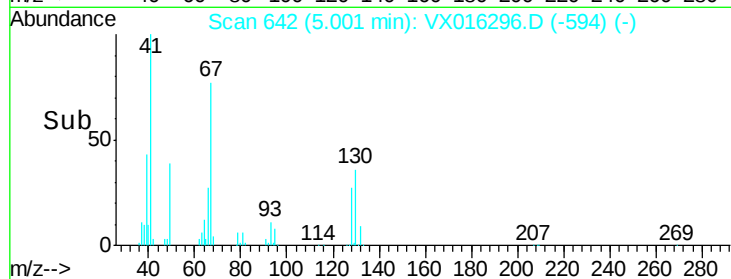
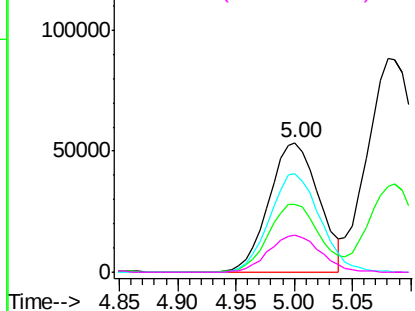
#41
Methacrylonitrile
Concen: 53.329 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	159095
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.2	64.8
67	77.3	59.3	88.9
52	29.5	23.5	35.3

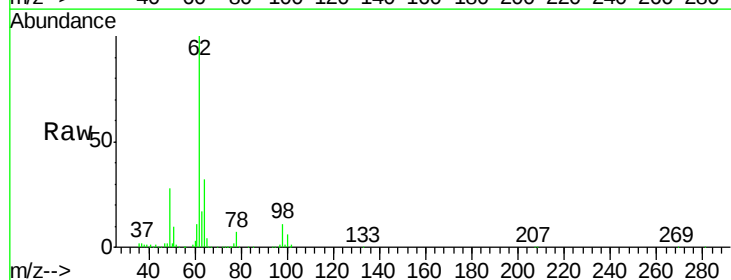


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

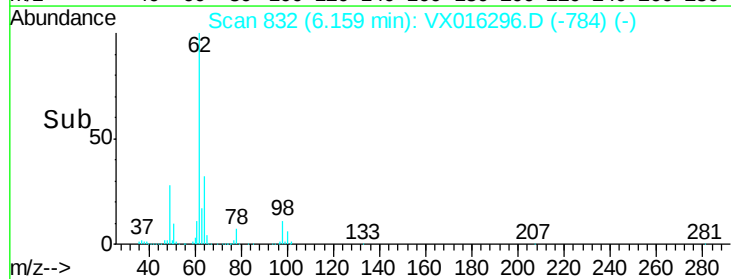
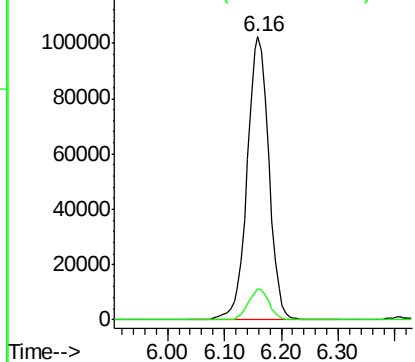


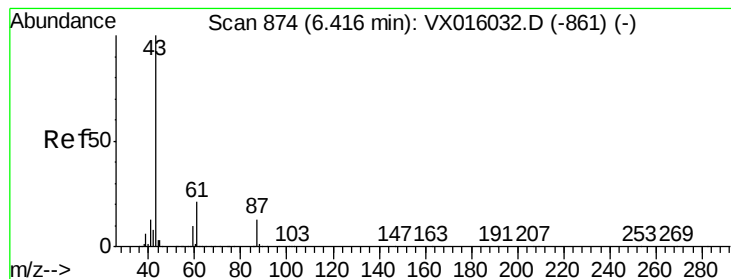
#42
1,2-Dichloroethane
Concen: 53.897 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion:	62	Resp:	270759
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.4



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



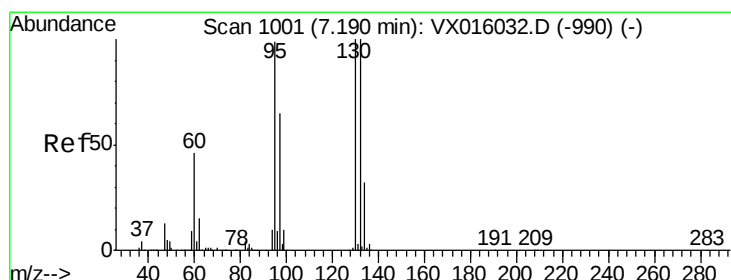
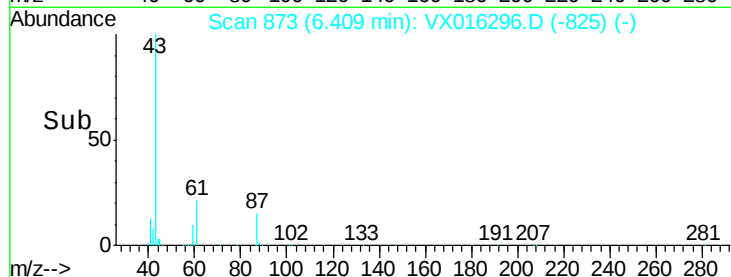
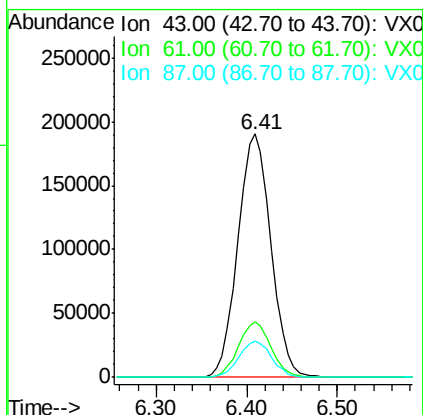
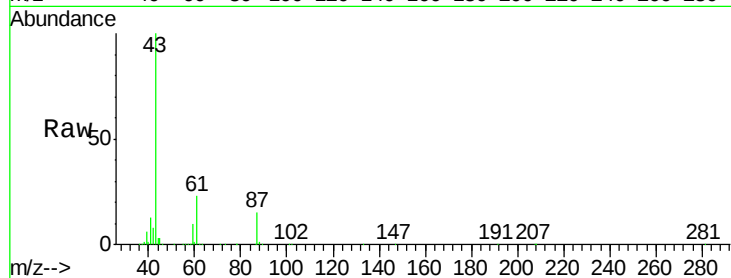


#43

Isopropyl Acetate
 Concen: 54.398 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Instrument :
 MSVOA_X
 ClientSampleID :

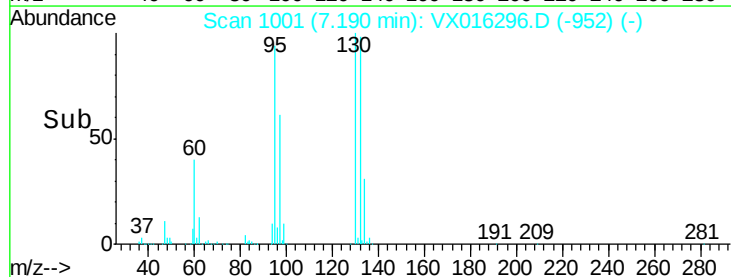
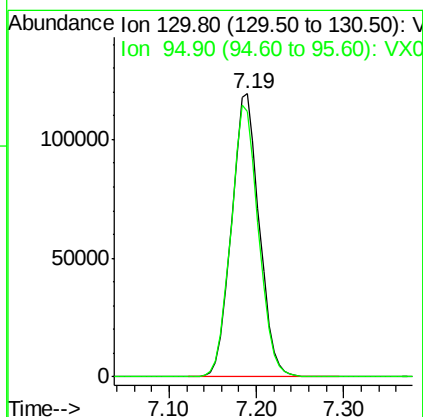
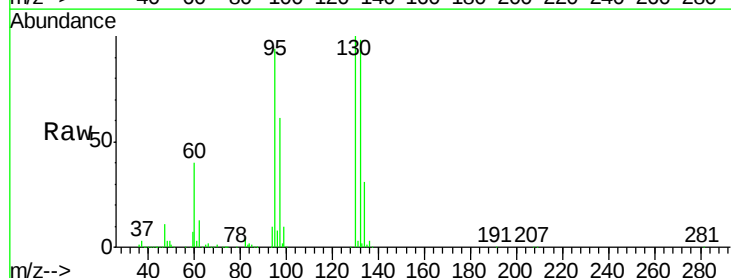
Tot Ion	43	Resp	479457
Ion Ratio	Lower	Upper	
43	100		
61	22.5	17.0	25.4
87	14.8	11.0	16.6



#44

Trichloroethene
 Concen: 53.019 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Tgt Ion	130	Resp	262676
Ion Ratio	Lower	Upper	
130	100		
95	93.9	0.0	197.4





#45

1,2-Dichloropropane

Concen: 57.945 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

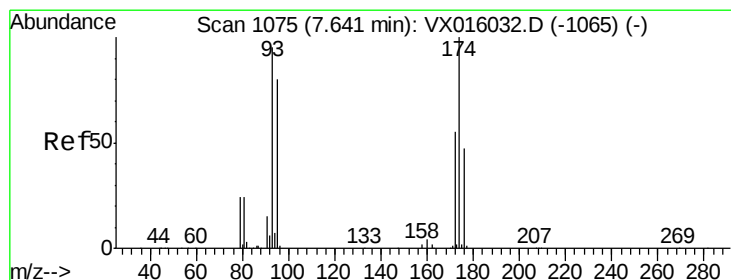
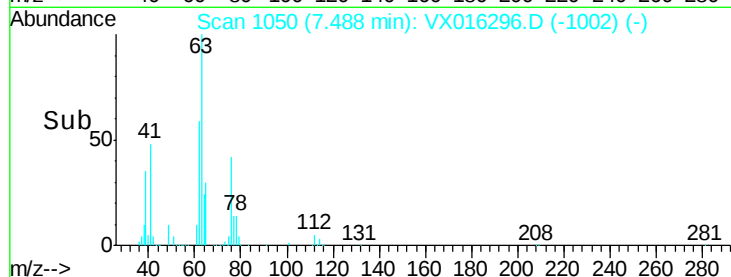
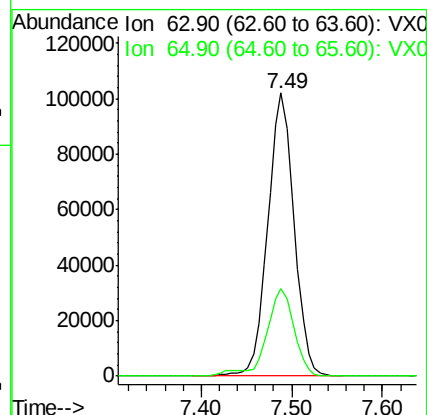
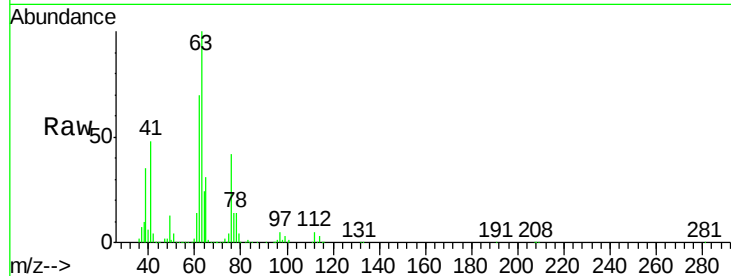
ClientSampleId :

Tot Ion: 63 Resp: 204471

Ion Ratio Lower Upper

63 100

65 31.1 24.4 36.6



#46

Dibromomethane

Concen: 56.372 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

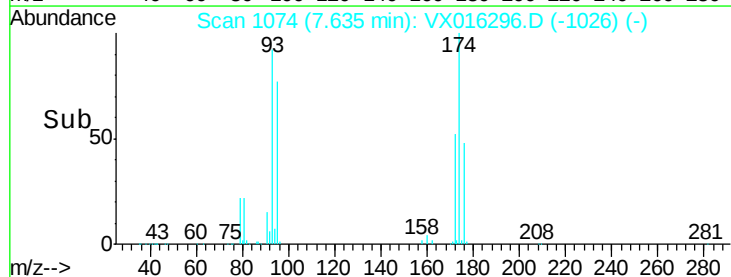
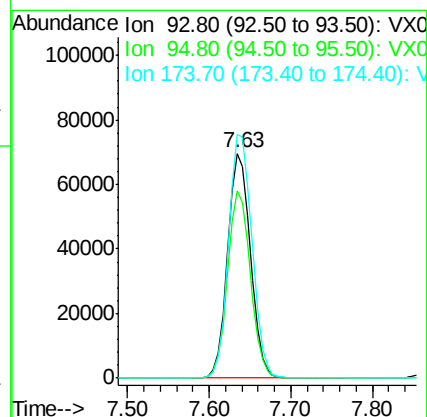
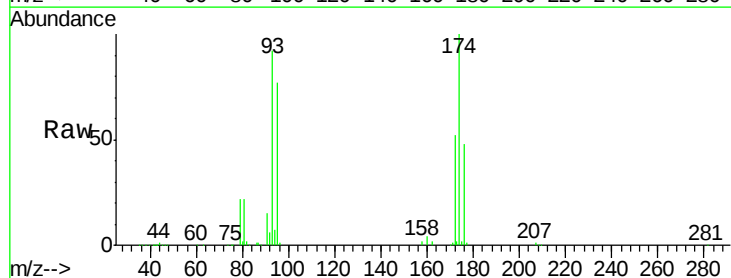
Tgt Ion: 93 Resp: 135181

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 110.6 84.2 126.4





#47

Bromodichloromethane

Concen: 58.303 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

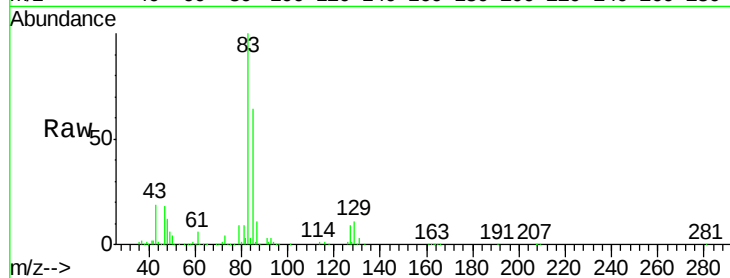
Tot Ion: 83 Resp: 284743

Ion Ratio Lower Upper

83 100

85 64.3 50.5 75.7

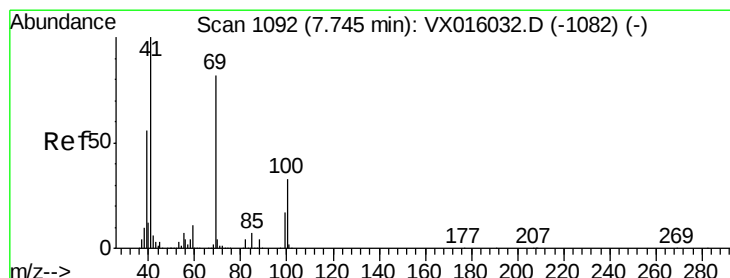
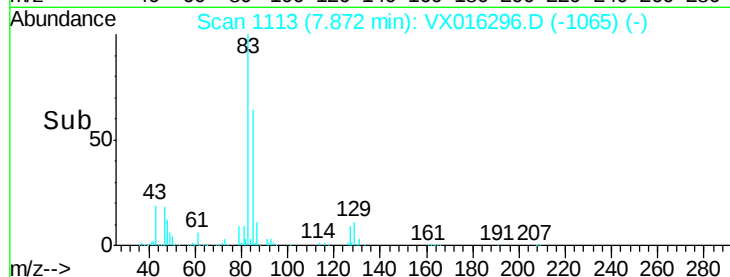
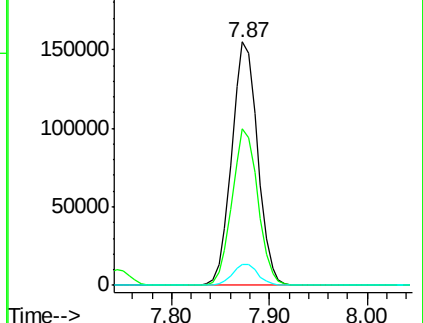
127 8.8 6.7 10.1



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: 54.374 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

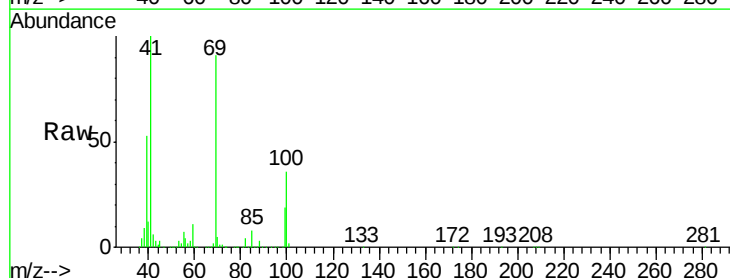
Tgt Ion: 41 Resp: 227089

Ion Ratio Lower Upper

41 100

69 90.4 67.8 101.6

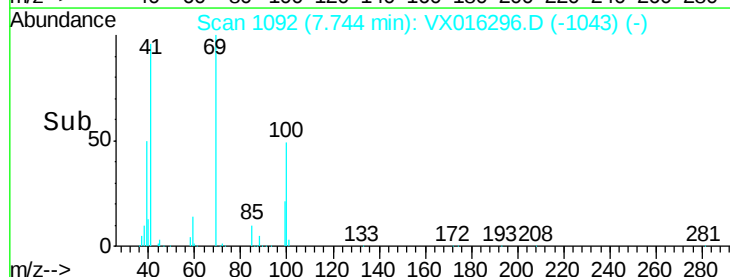
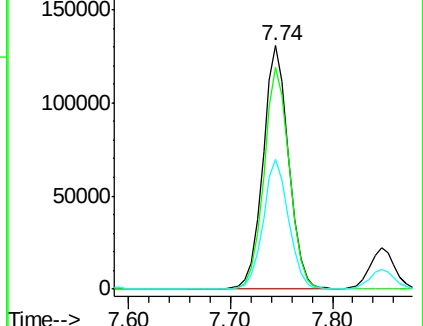
39 53.1 44.6 67.0

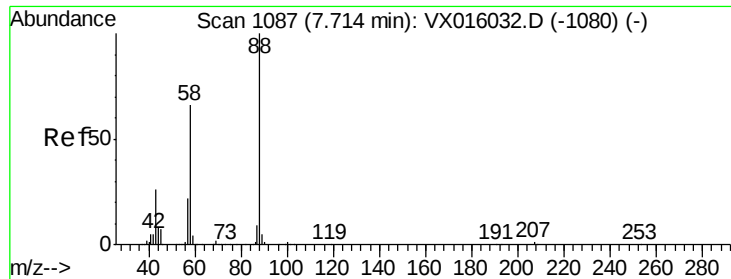


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1001.826 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

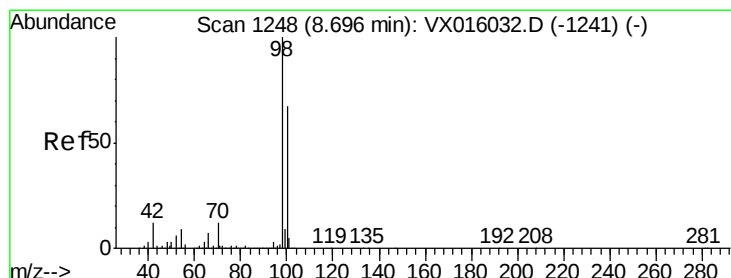
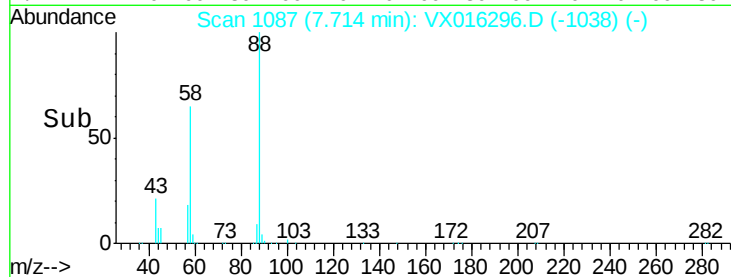
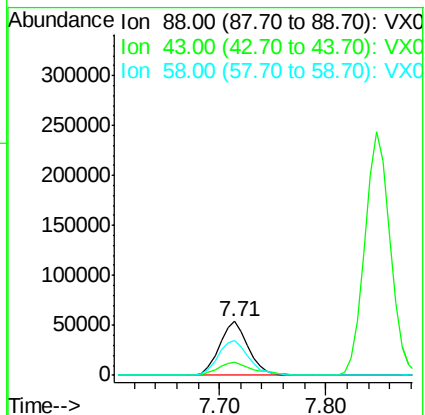
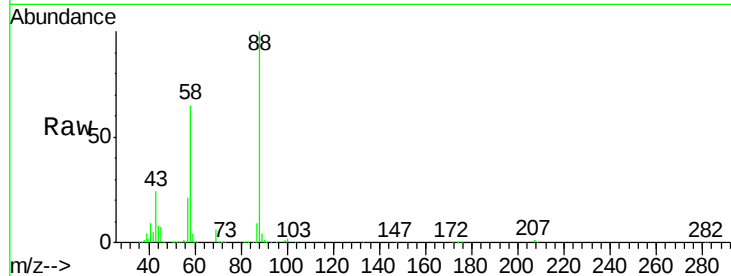
Tot Ion: 88 Resp: 100348

Ion Ratio Lower Upper

88 100

43 29.4 25.3 37.9

58 69.1 55.9 83.9



#50

Toluene-d8

Concen: 48.876 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016296.D

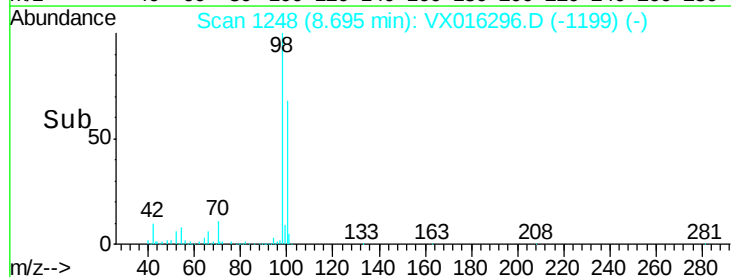
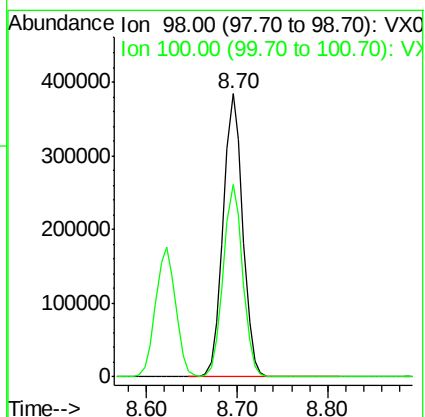
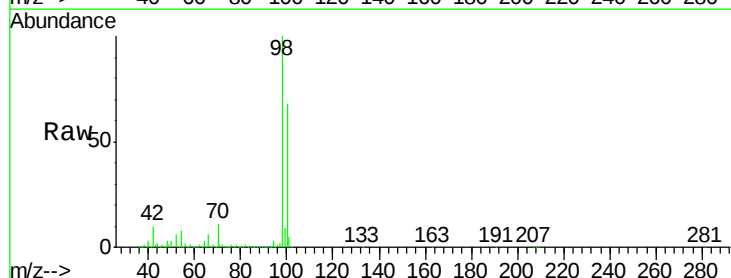
Acq: 18 May 2020 13:57

Tgt Ion: 98 Resp: 577690

Ion Ratio Lower Upper

98 100

100 67.8 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 276.205 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

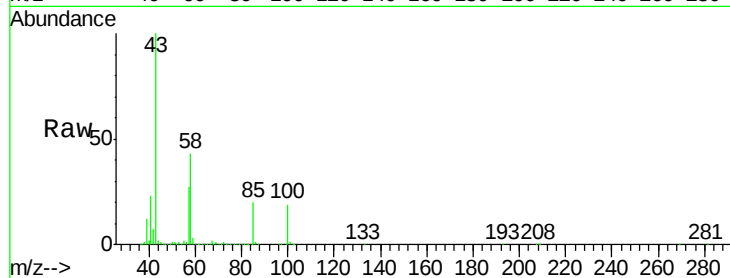
ClientSampleId :

Tot Ion: 43 Resp: 1489737

Ion Ratio Lower Upper

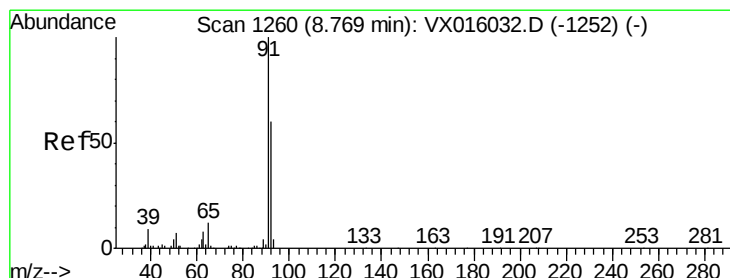
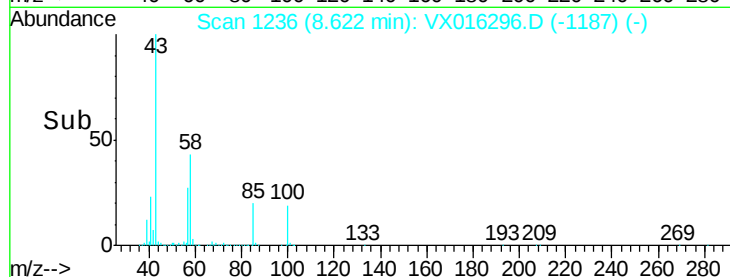
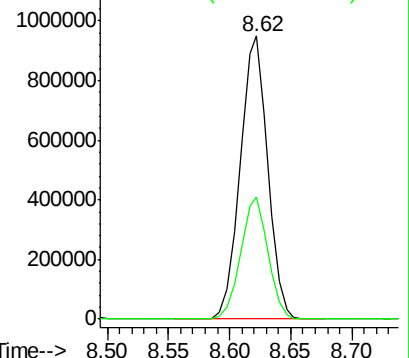
43 100

58 42.6 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: 58.405 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016296.D

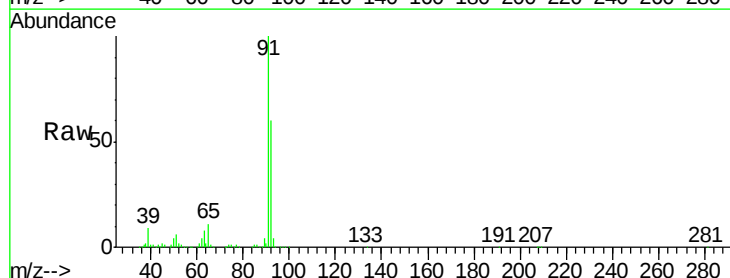
Acq: 18 May 2020 13:57

Tgt Ion: 92 Resp: 507680

Ion Ratio Lower Upper

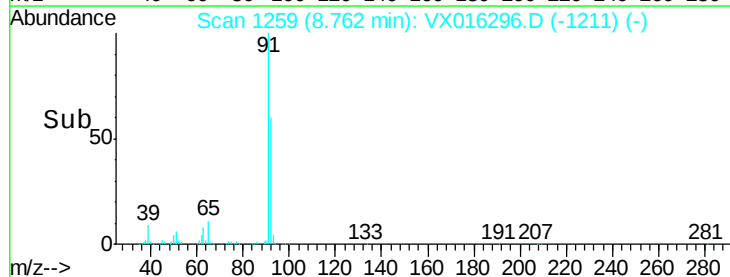
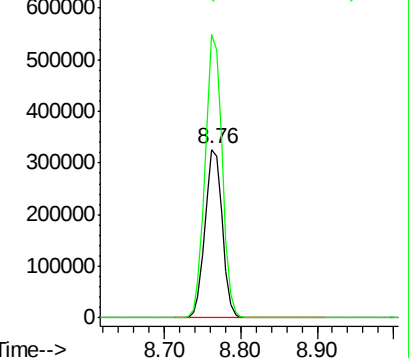
92 100

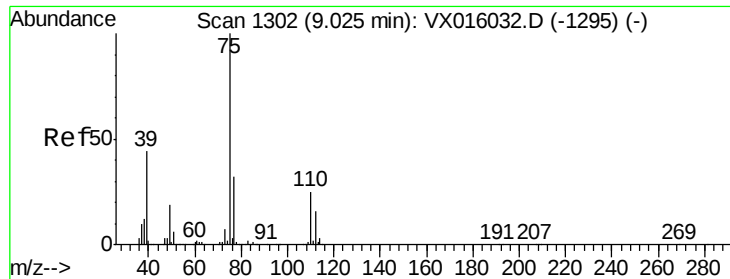
91 166.8 134.5 201.7



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: 57.836 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

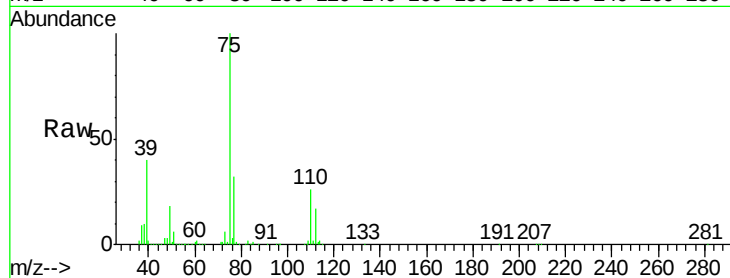
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 336783

Ion Ratio Lower Upper

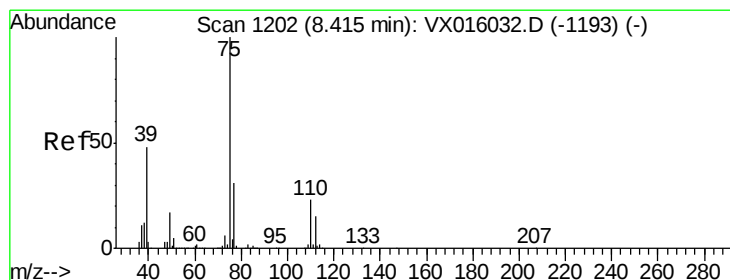
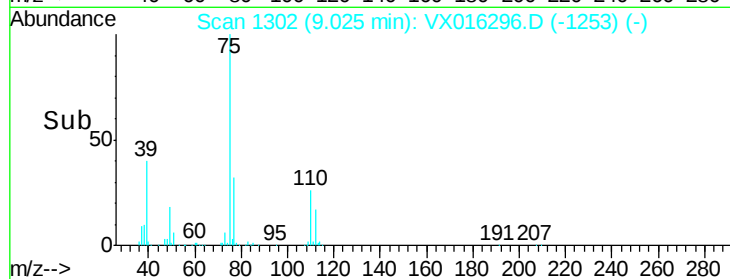
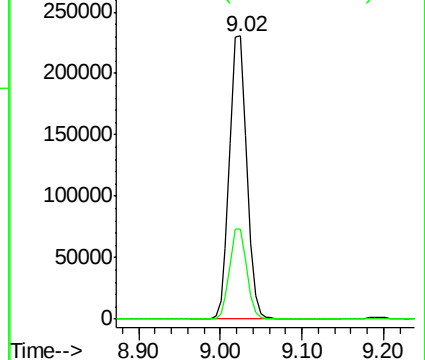
75 100

77 31.9 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 58.427 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

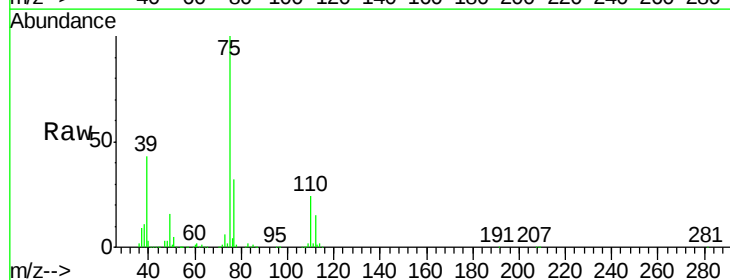
Tgt Ion: 75 Resp: 355368

Ion Ratio Lower Upper

75 100

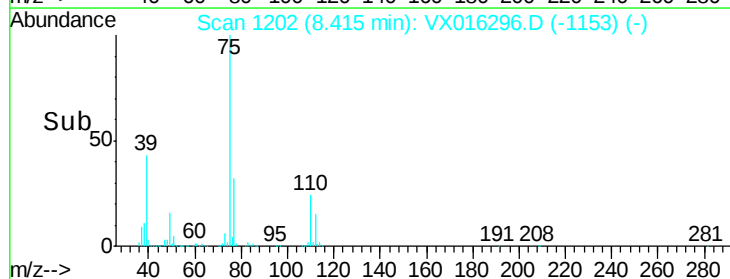
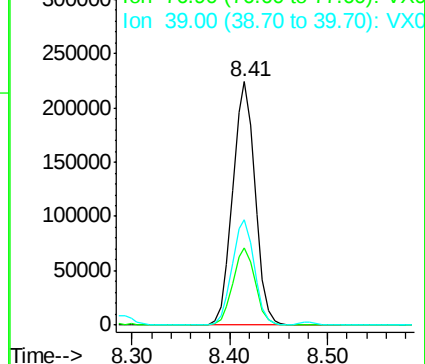
77 31.8 24.7 37.1

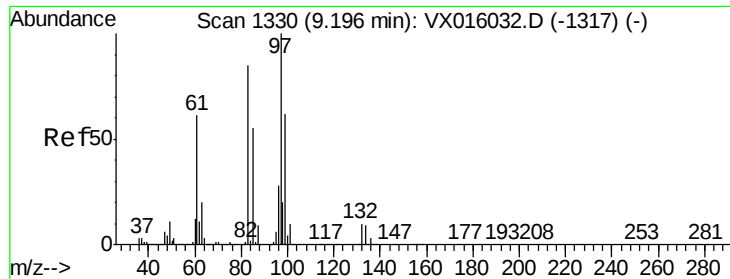
39 43.4 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

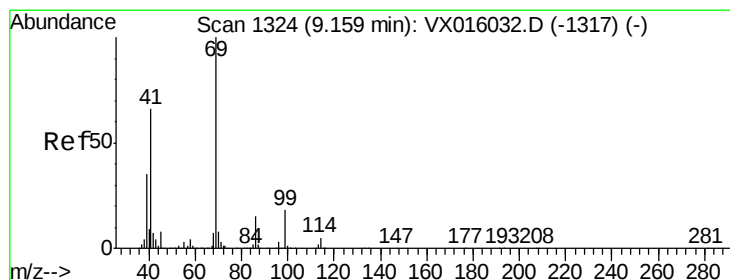
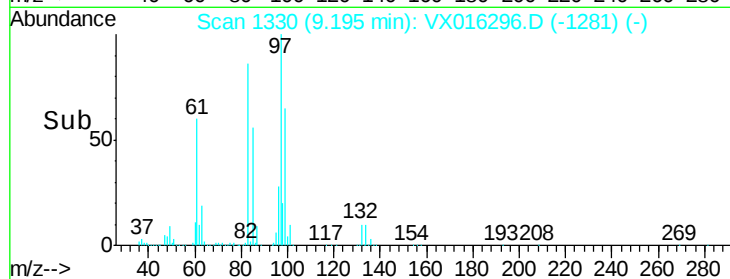
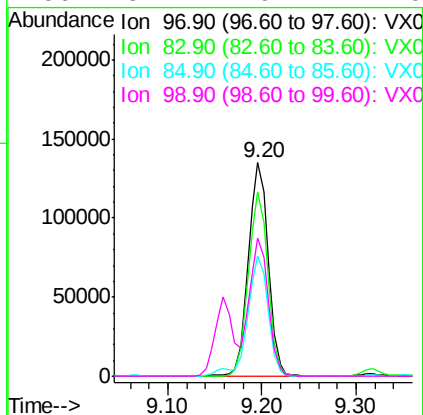
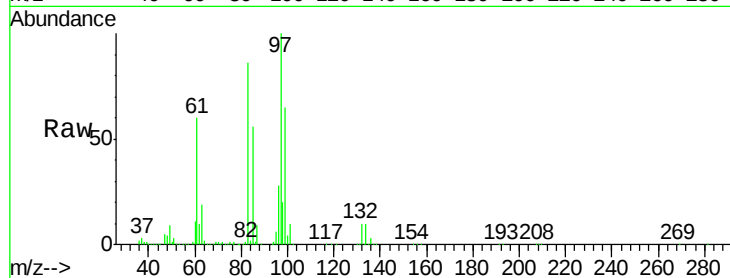




#55
 1,1,2-Trichloroethane
 Concen: 58.622 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

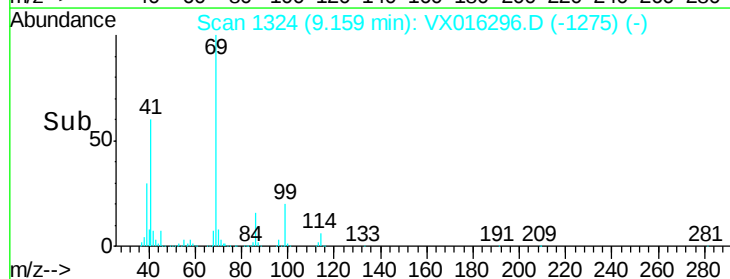
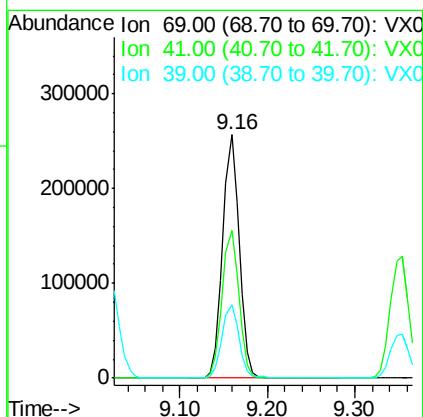
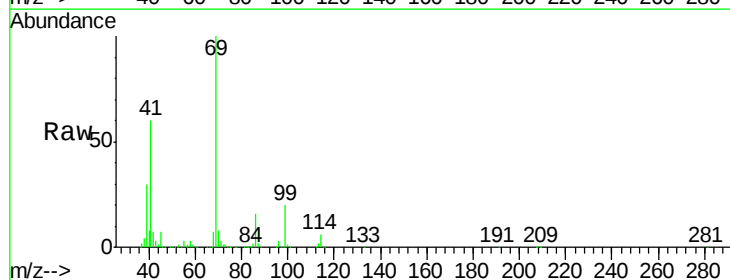
Instrument :
 MSVOA_X
 ClientSampleId :

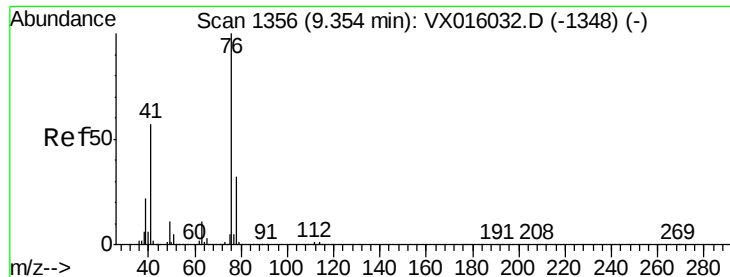
Tot Ion:	97	Resp:	200483
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.8	101.8
85	56.1	43.8	65.8
99	64.7	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 60.068 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Tgt Ion:	69	Resp:	335325
Ion	Ratio	Lower	Upper
69	100		
41	61.4	52.2	78.4
39	31.2	28.2	42.4





#57

1,3-Dichloropropane

Concen: 58.032 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

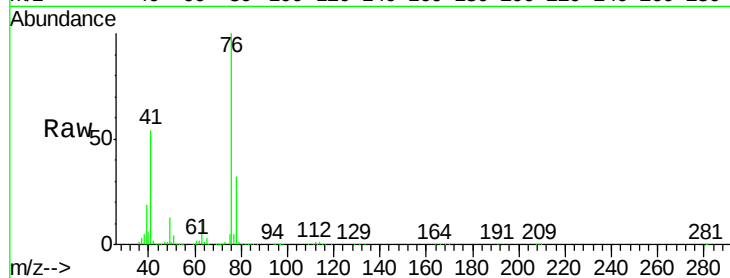
ClientSampleId :

Tot Ion: 76 Resp: 346305

Ion Ratio Lower Upper

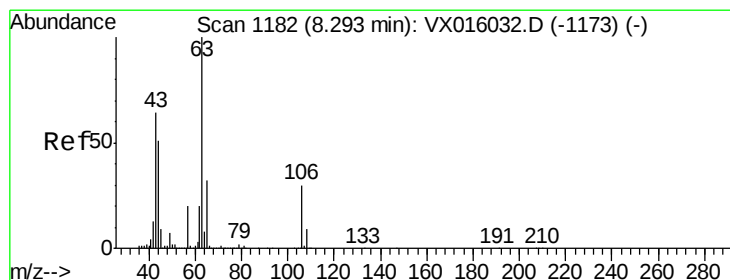
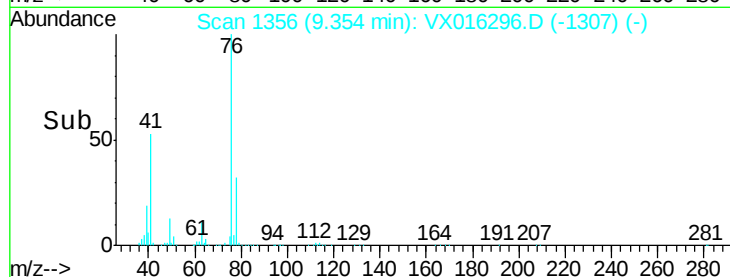
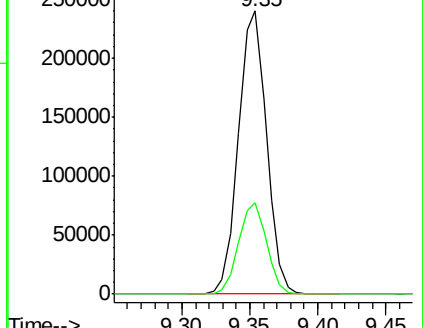
76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 271.784 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016296.D

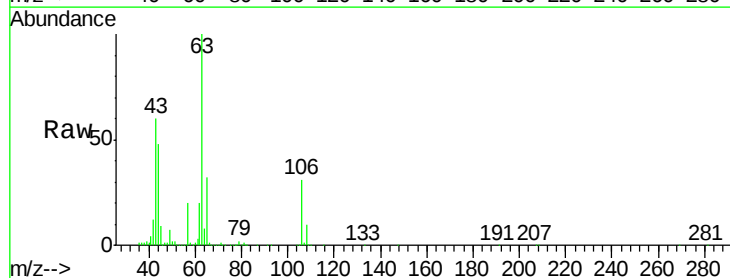
Acq: 18 May 2020 13:57

Tgt Ion: 63 Resp: 807724

Ion Ratio Lower Upper

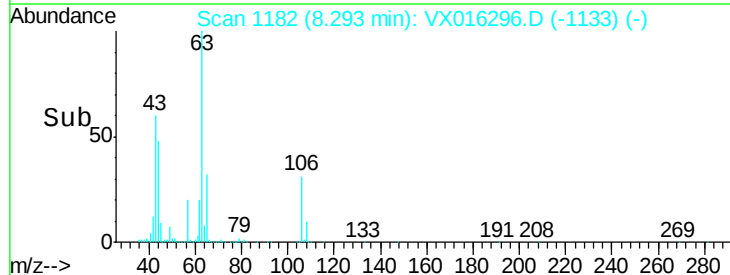
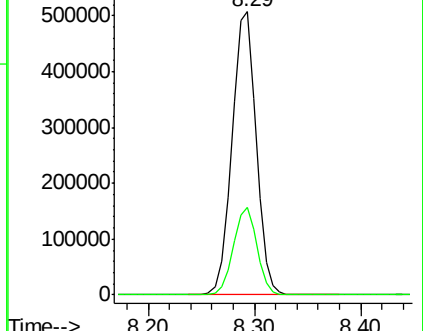
63 100

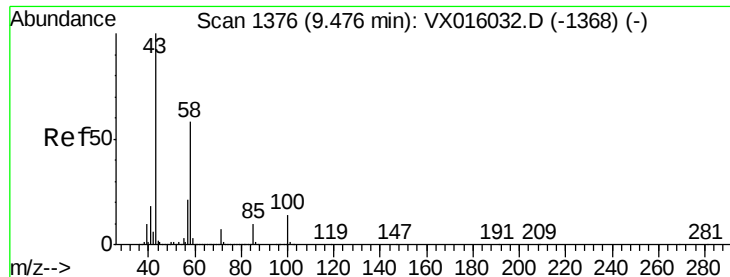
106 30.3 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

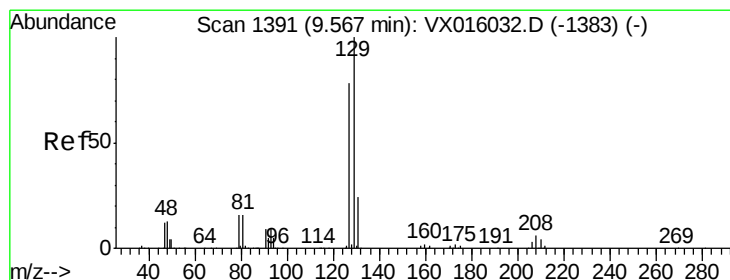
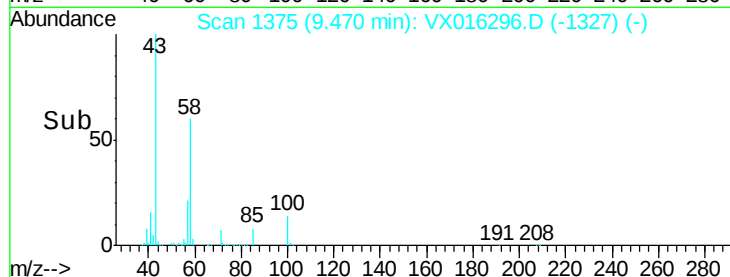
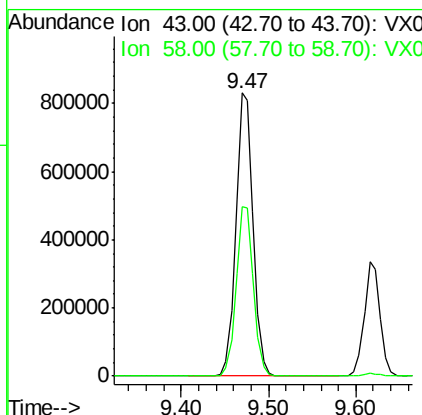
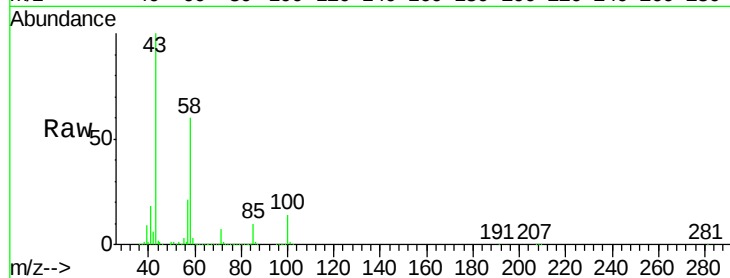




#59
2-Hexanone
Concen: 270.830 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

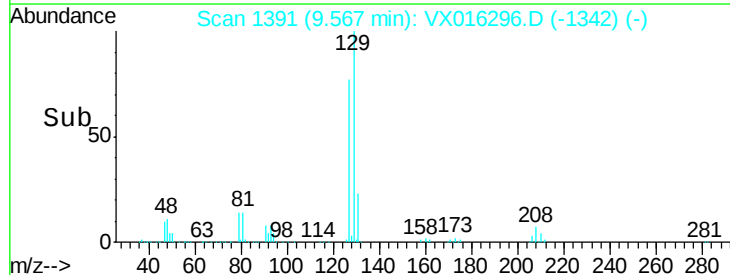
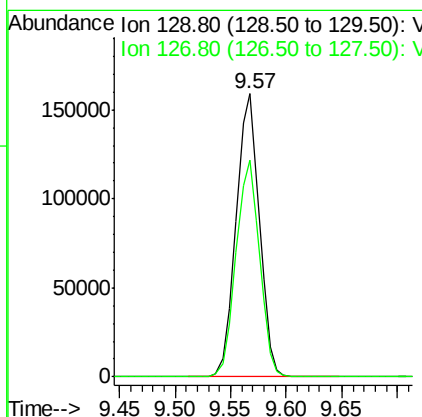
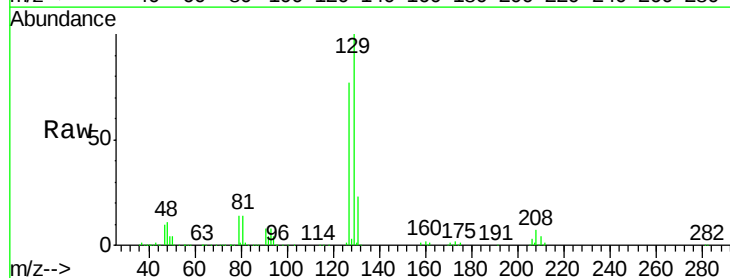
Instrument :
MSVOA_X
ClientSampleId :

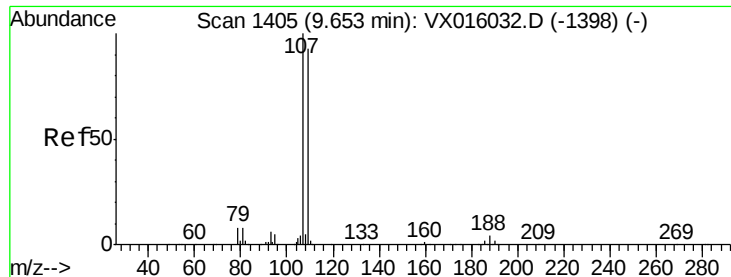
Tot Ion: 43 Resp: 1147159
Ion Ratio Lower Upper
43 100
58 60.1 28.6 85.9



#60
Dibromochloromethane
Concen: 61.240 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion: 129 Resp: 230663
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 58.613 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

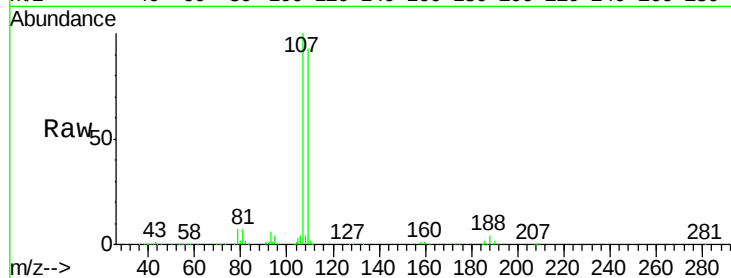
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 107 Resp: 217125

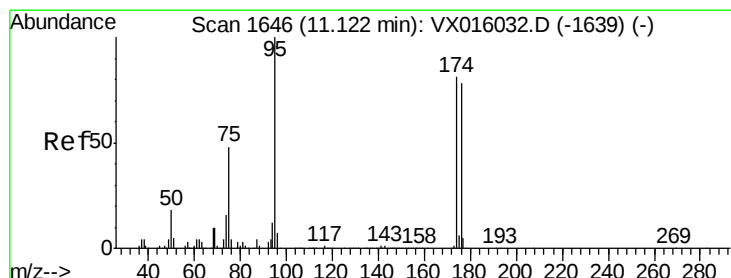
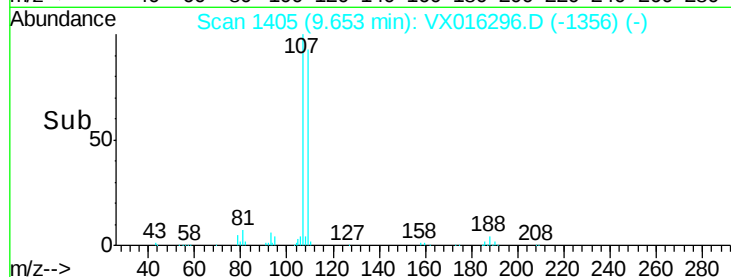
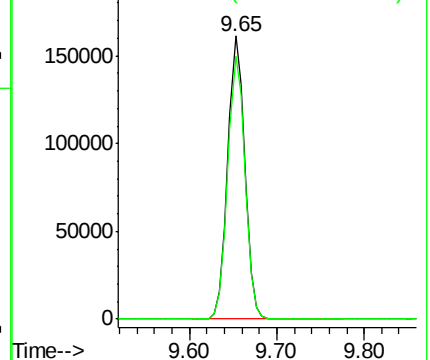
Ion Ratio Lower Upper

107 100

109 94.3 74.9 112.3



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



#62

4-Bromofluorobenzene

Concen: 50.664 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

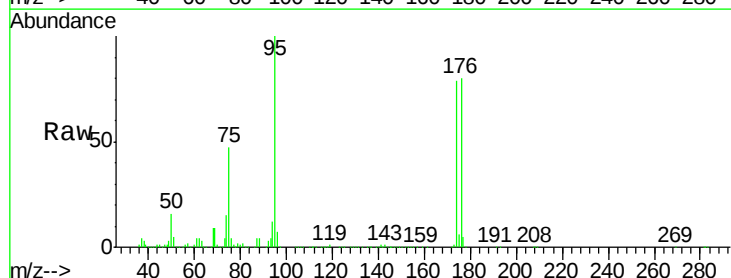
Tgt Ion: 95 Resp: 227762

Ion Ratio Lower Upper

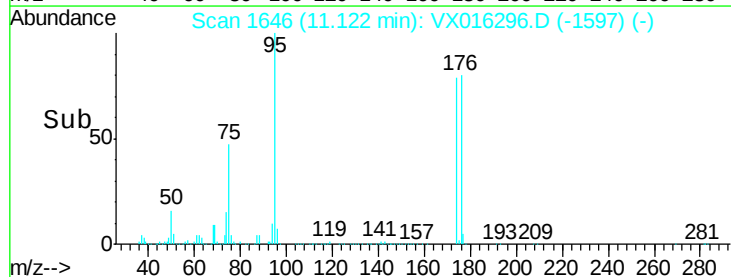
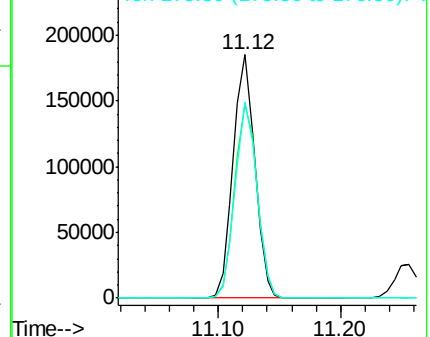
95 100

174 81.8 0.0 159.4

176 80.5 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





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampled :

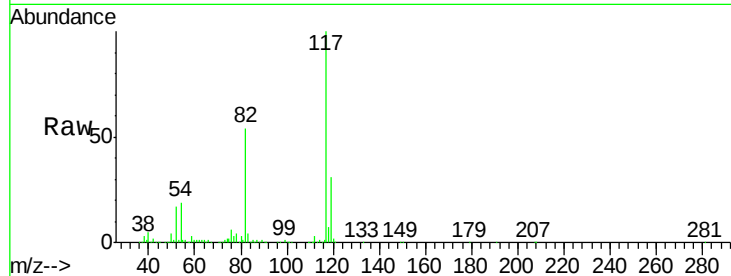
Tot Ion:117 Resp: 445095

Ion Ratio Lower Upper

117 100

82 54.5 44.4 66.6

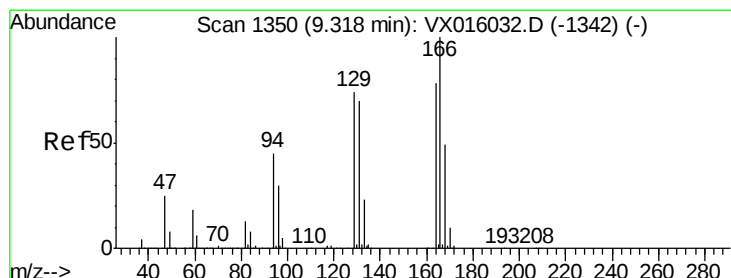
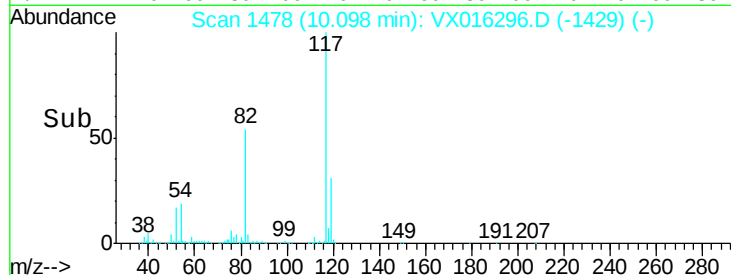
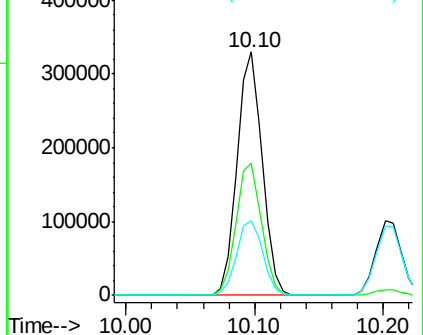
119 30.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 53.714 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion:164 Resp: 293500

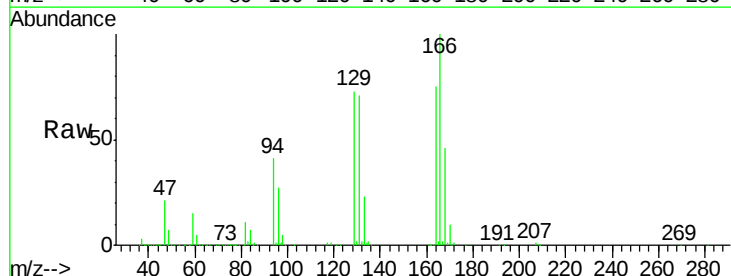
Ion Ratio Lower Upper

164 100

166 134.1 102.9 154.3

129 97.7 76.1 114.1

131 95.4 71.9 107.9

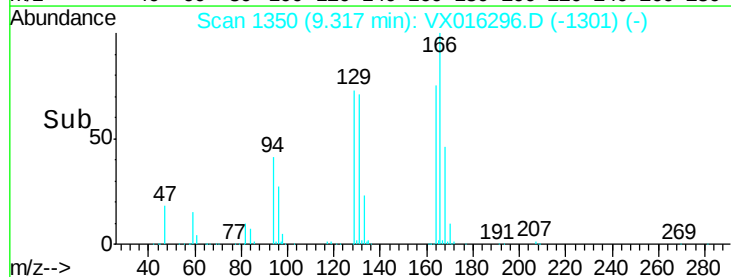
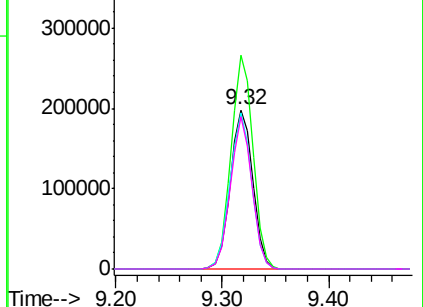


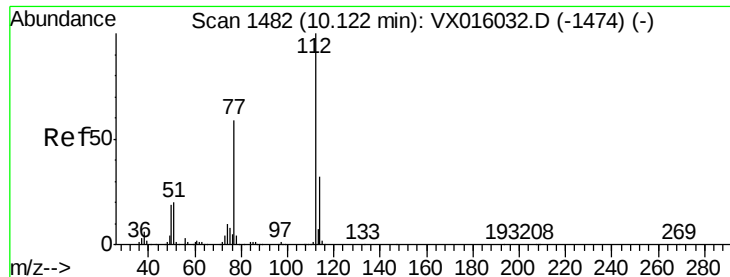
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 58.579 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

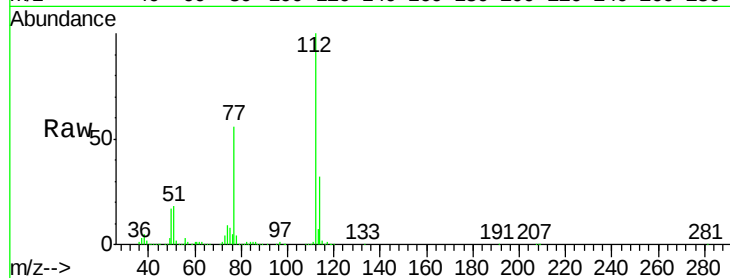
ClientSampleId :

Tot Ion:112 Resp: 545939

Ion Ratio Lower Upper

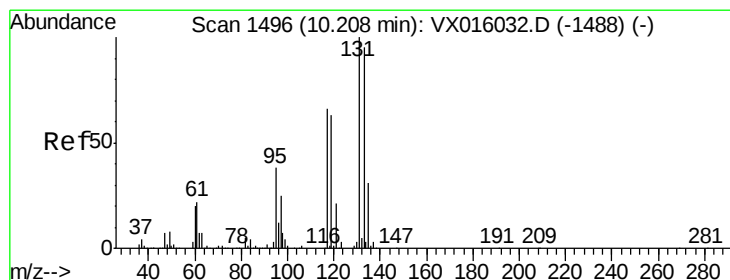
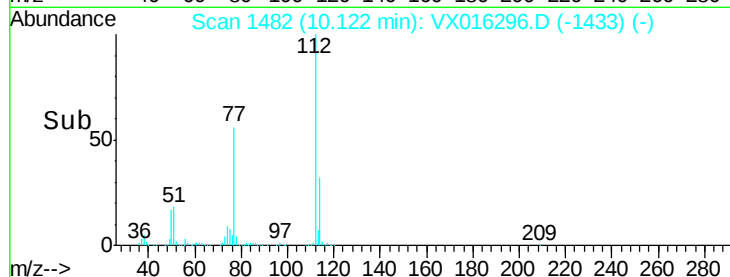
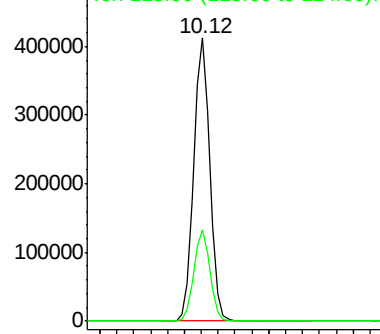
112 100

114 32.2 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 60.376 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

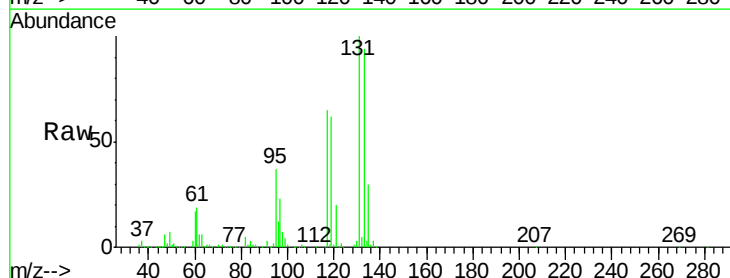
Tgt Ion:131 Resp: 207977

Ion Ratio Lower Upper

131 100

133 96.0 48.3 144.8

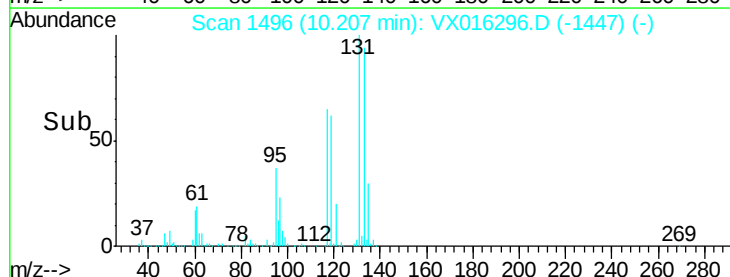
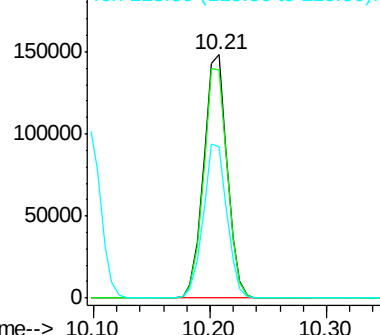
119 63.9 32.3 96.9

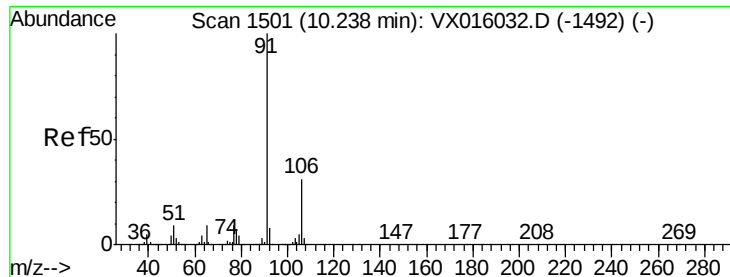


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 57.729 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

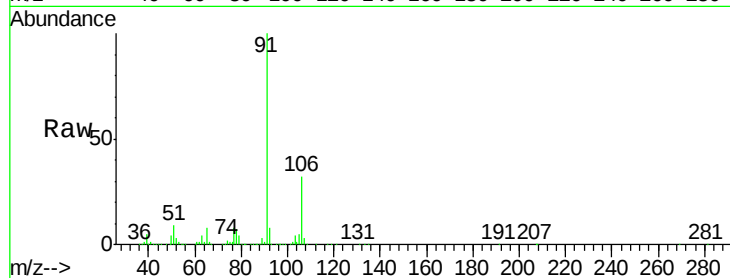
ClientSampleId :

Tot Ion: 91 Resp: 959967

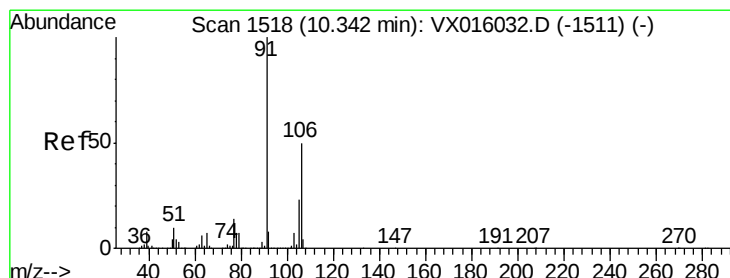
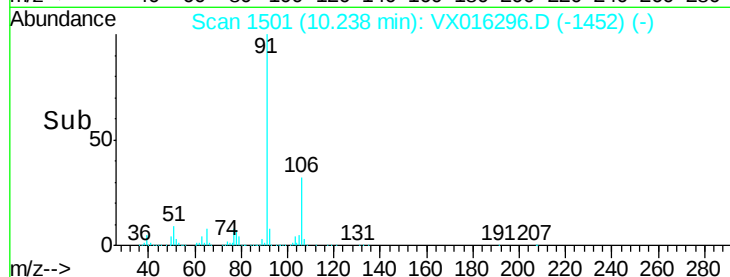
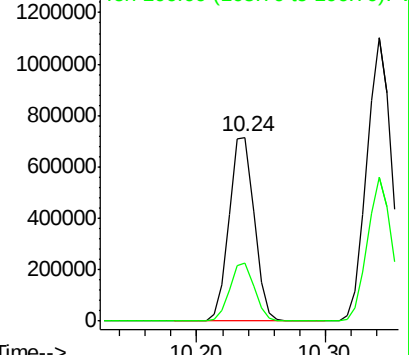
Ion Ratio Lower Upper

91 100

106 31.9 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1492) (-)



#68

m/p-Xylenes

Concen: 117.278 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016296.D

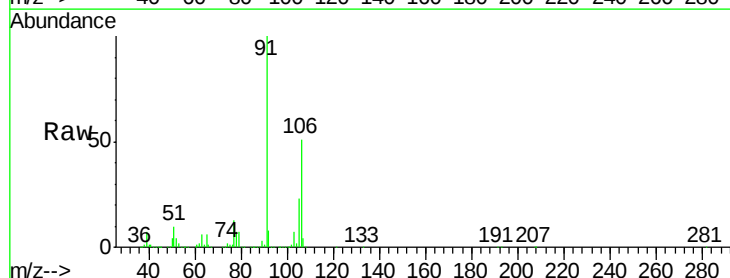
Acq: 18 May 2020 13:57

Tgt Ion: 106 Resp: 730666

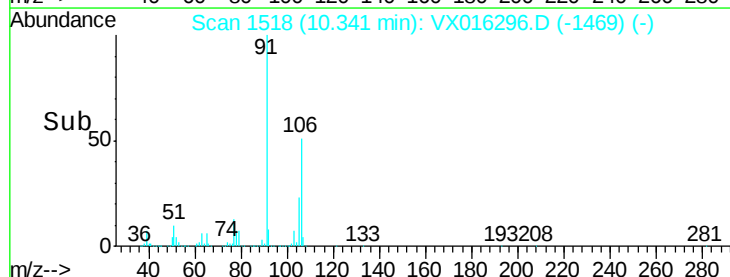
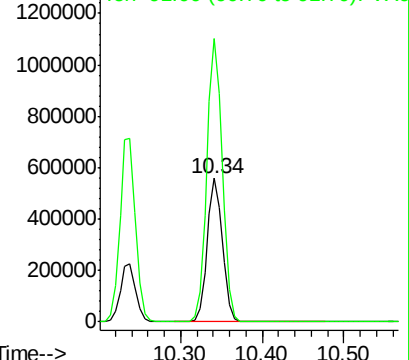
Ion Ratio Lower Upper

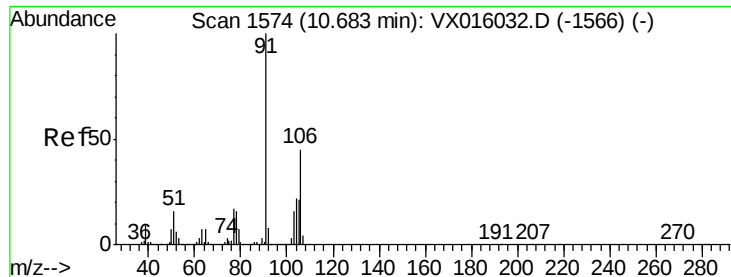
106 100

91 200.2 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VX016032.D (-1511) (-)

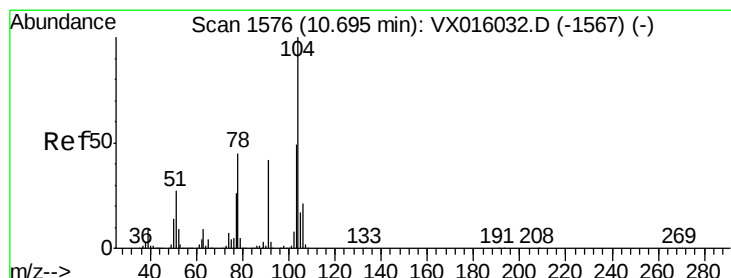
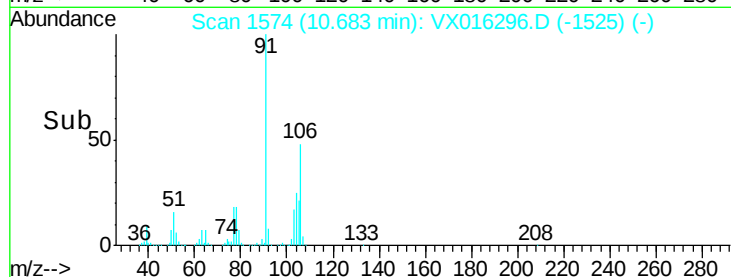
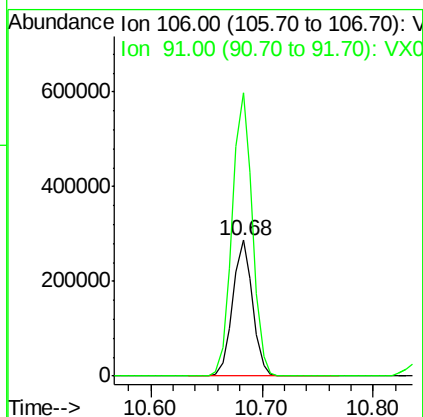
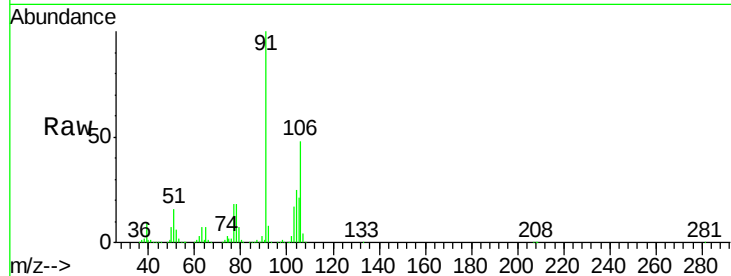




#69
o-Xylene
Concen: 58.998 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

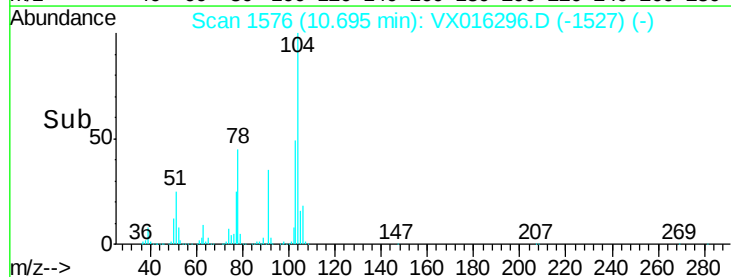
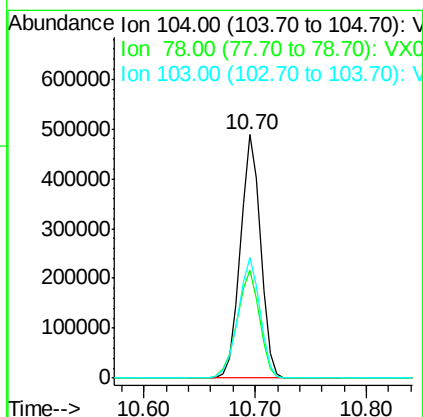
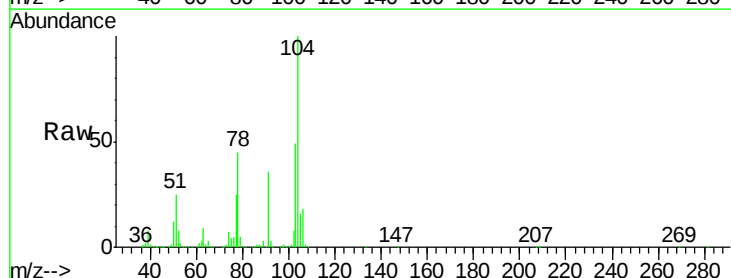
Instrument :
MSVOA_X
ClientSampled :

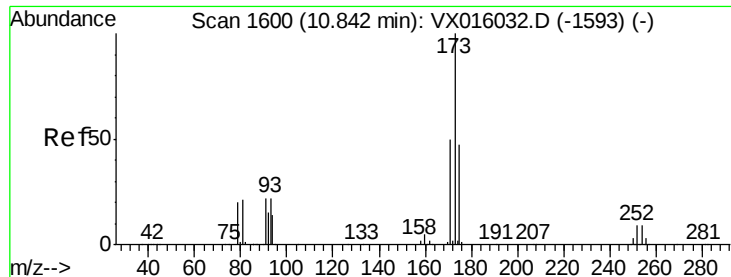
Tot Ion:106 Resp: 353324
Ion Ratio Lower Upper
106 100
91 211.1 107.5 322.6



#70
Styrene
Concen: 60.350 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion:104 Resp: 613150
Ion Ratio Lower Upper
104 100
78 49.6 40.2 60.2
103 53.7 43.0 64.6





#71

Bromoform

Concen: 62.092 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

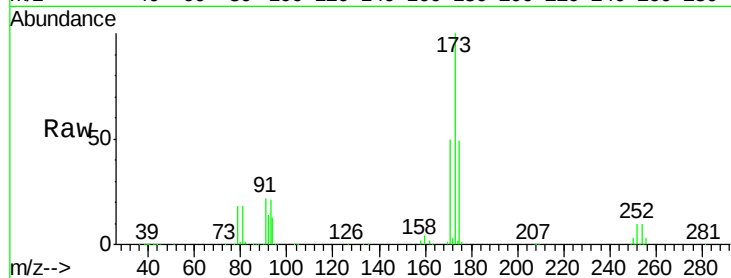
Tot Ion:173 Resp: 174261

Ion Ratio Lower Upper

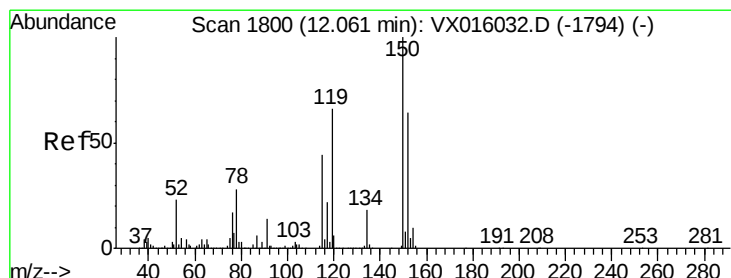
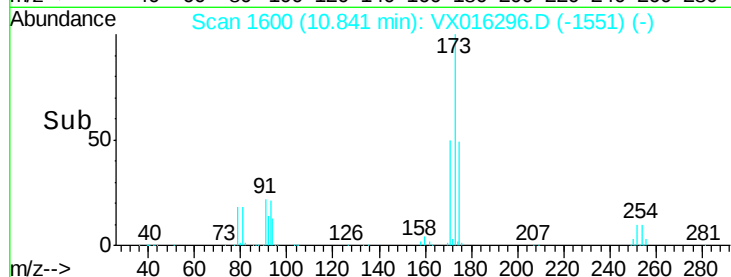
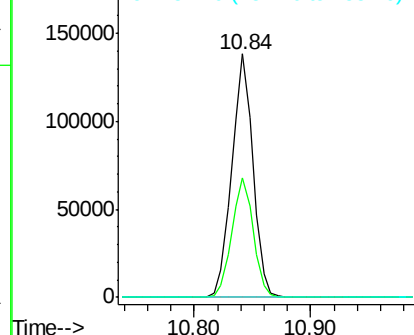
173 100

175 49.8 24.0 72.0

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

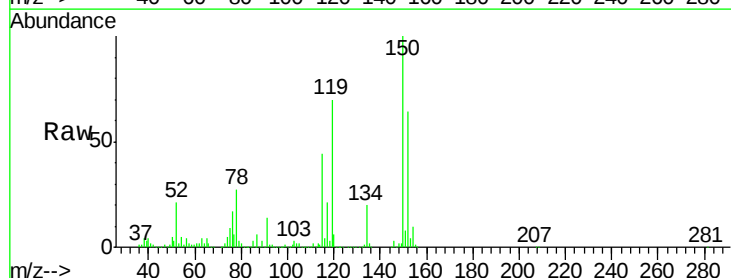
Tgt Ion:152 Resp: 221988

Ion Ratio Lower Upper

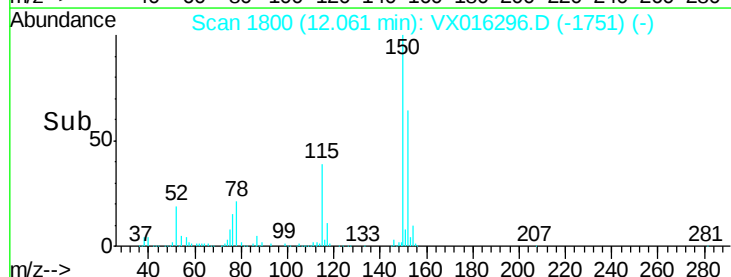
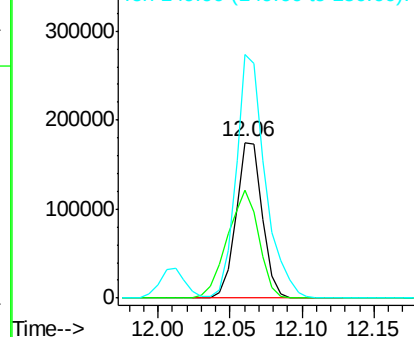
152 100

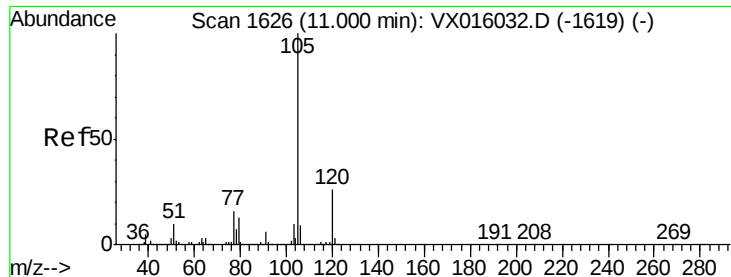
115 83.4 41.3 124.1

150 173.8 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: 57.154 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

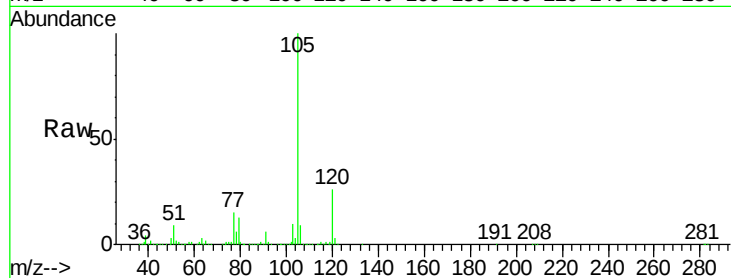
ClientSampleId :

Tot Ion:105 Resp: 922816

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

200000

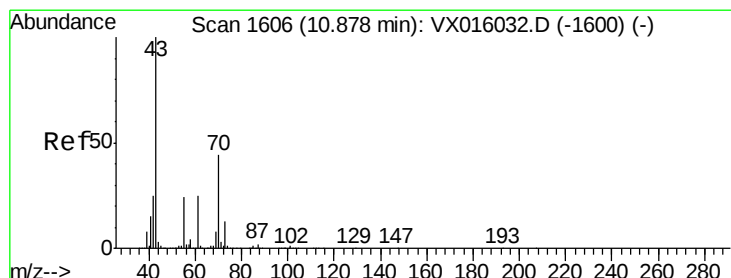
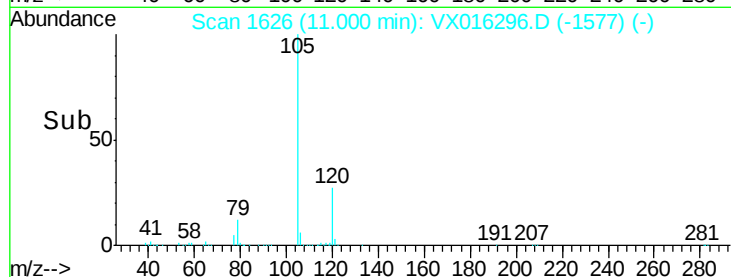
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 55.785 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion: 43 Resp: 420128

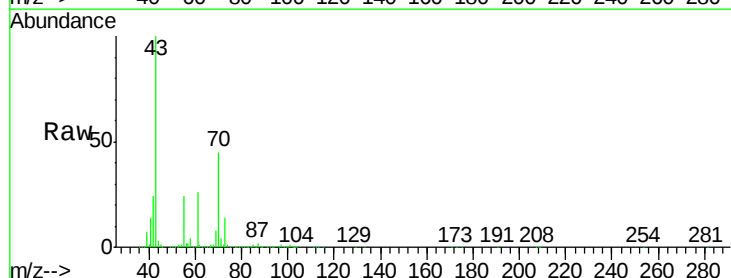
Ion Ratio Lower Upper

43 100

70 47.0 36.5 54.7

55 25.2 19.7 29.5

61 26.6 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

500000

400000

300000

200000

100000

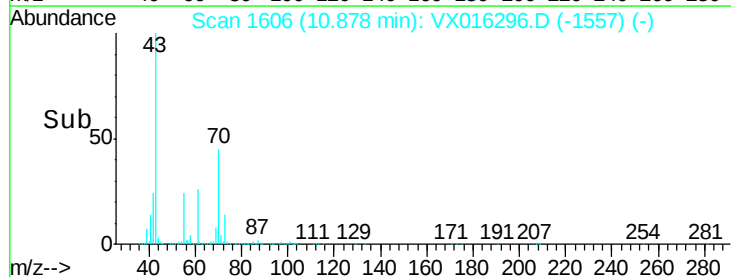
0

10.88

10.80

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 66.898 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

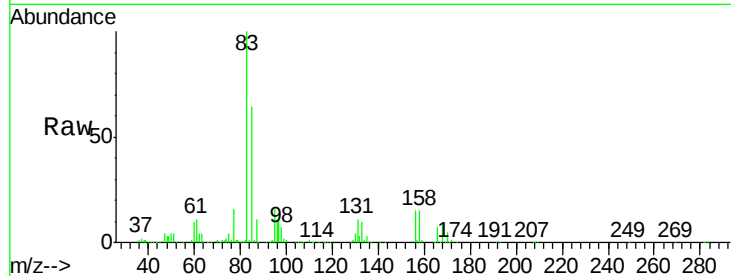
Tot Ion: 83 Resp: 221150

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

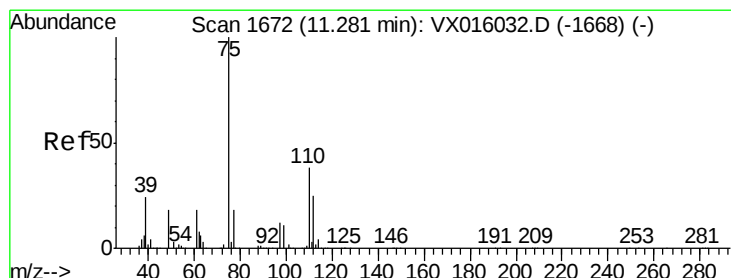
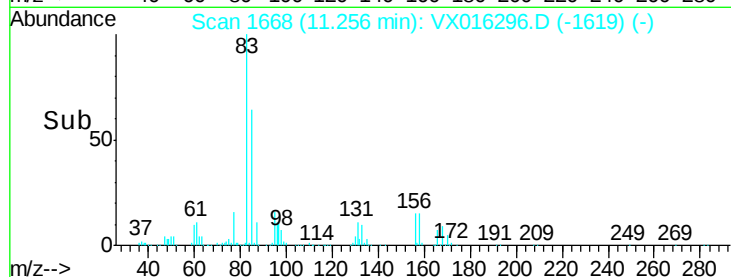
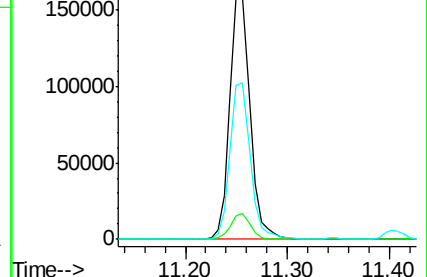
85 64.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 76.127 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016296.D

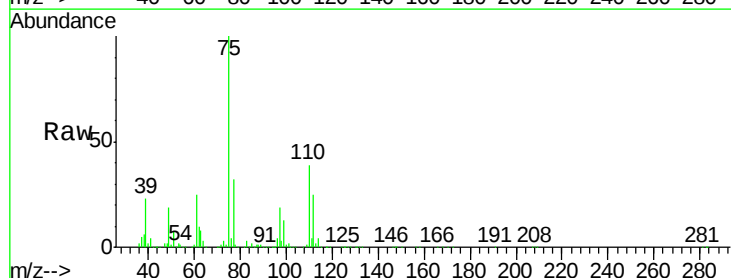
Acq: 18 May 2020 13:57

Tgt Ion: 75 Resp: 383486

Ion Ratio Lower Upper

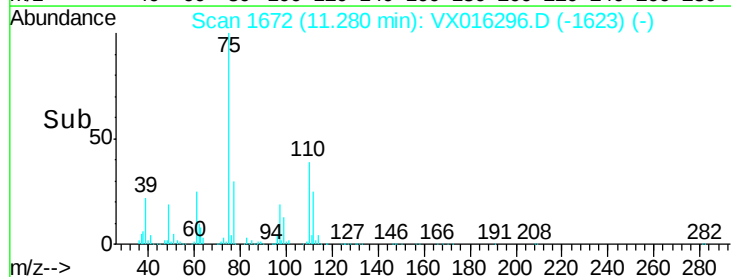
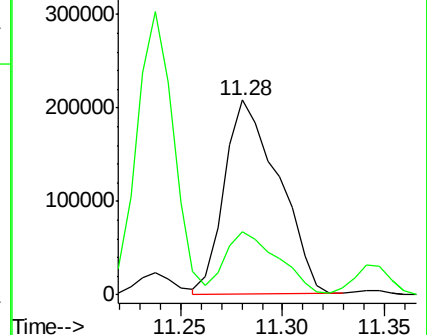
75 100

77 31.8 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: 57.934 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

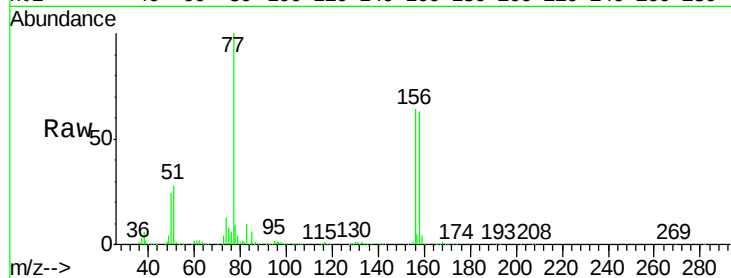
Tot Ion:156 Resp: 241446

Ion Ratio Lower Upper

156 100

77 157.2 80.1 240.3

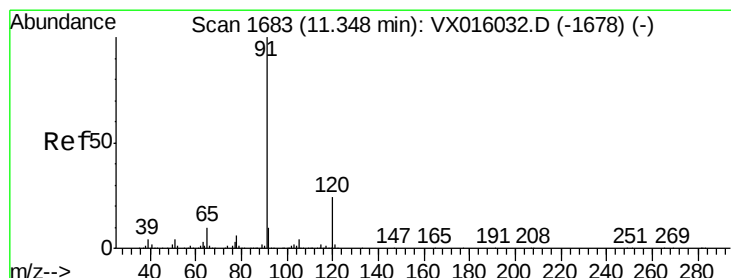
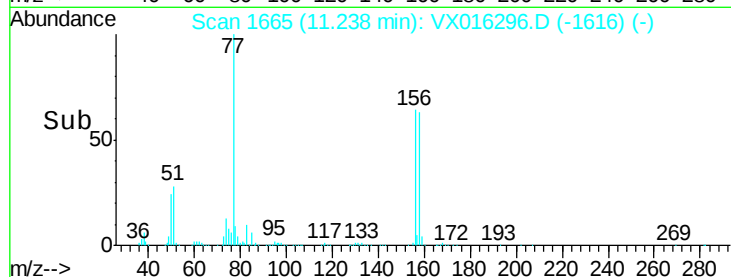
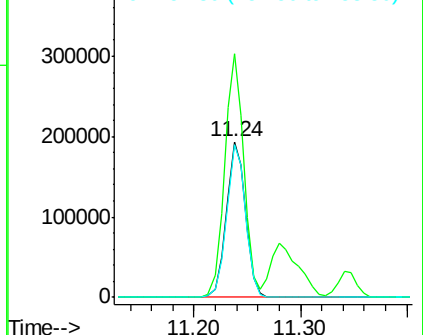
158 97.2 49.4 148.2



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: 55.267 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016296.D

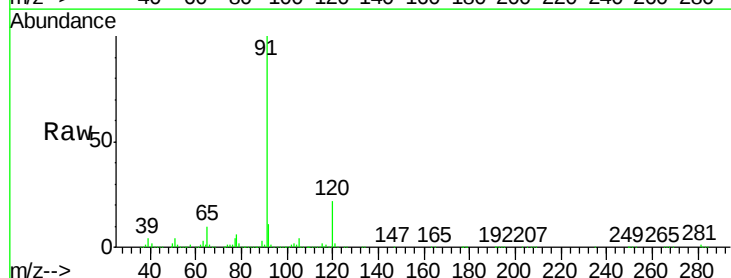
Acq: 18 May 2020 13:57

Tgt Ion: 91 Resp: 1038106

Ion Ratio Lower Upper

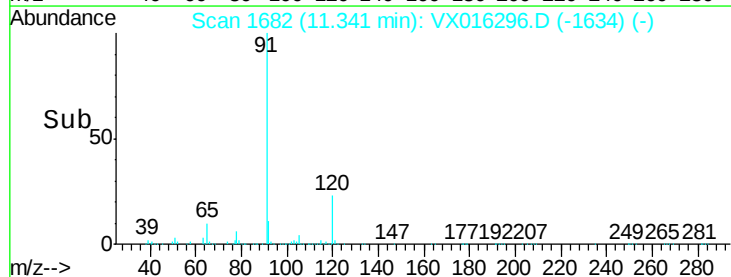
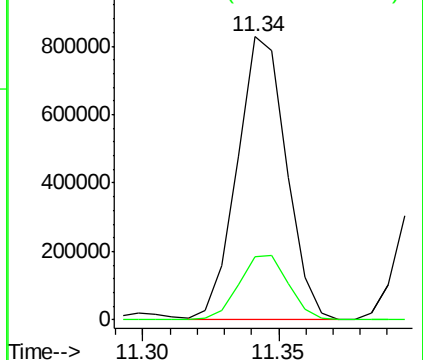
91 100

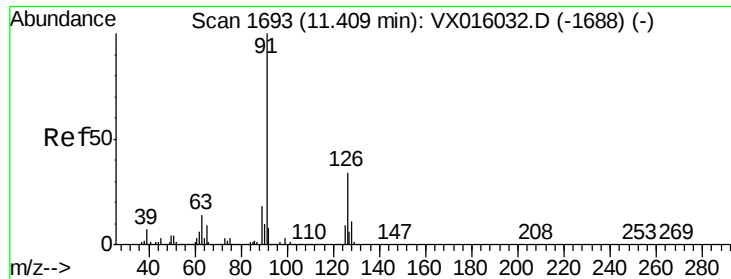
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

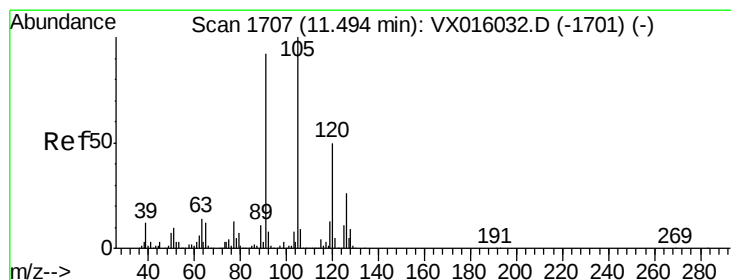
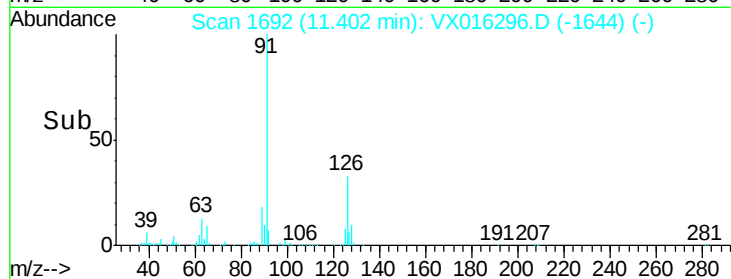
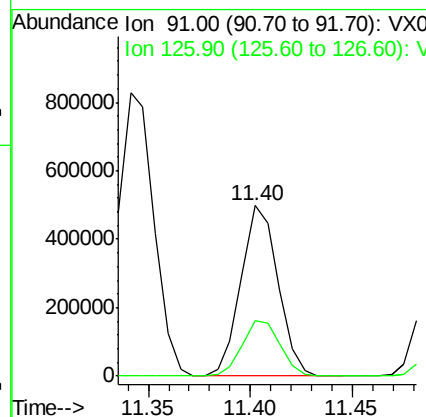
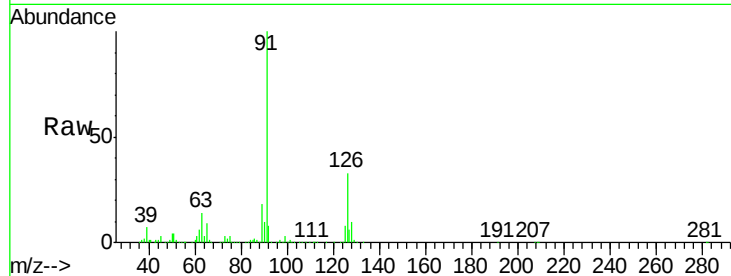




#79
 2-Chlorotoluene
 Concen: 56.837 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

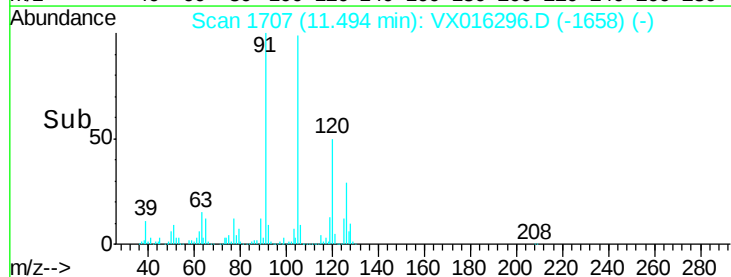
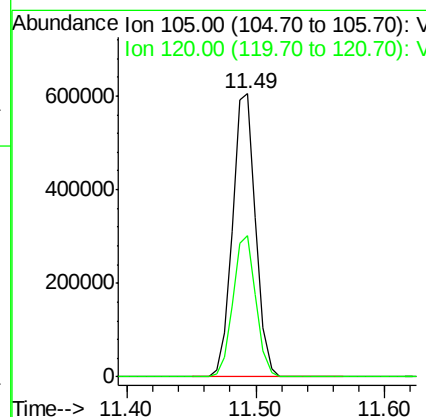
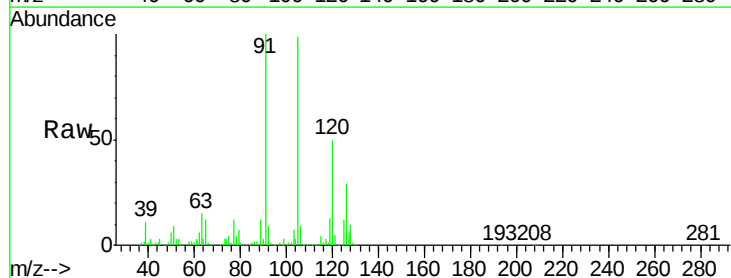
Instrument :
 MSVOA_X
 ClientSampleId :

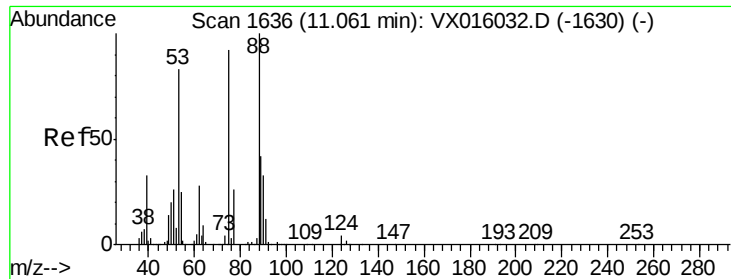
Tot Ion: 91 Resp: 630170
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 55.786 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Tgt Ion:105 Resp: 760512
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 57.593 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

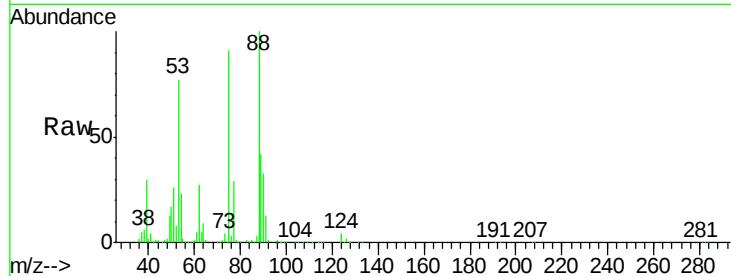
Tot Ion: 75 Resp: 121742

Ion Ratio Lower Upper

75 100

53 85.2 73.1 109.7

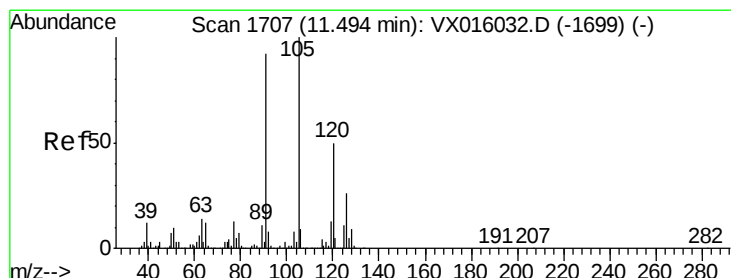
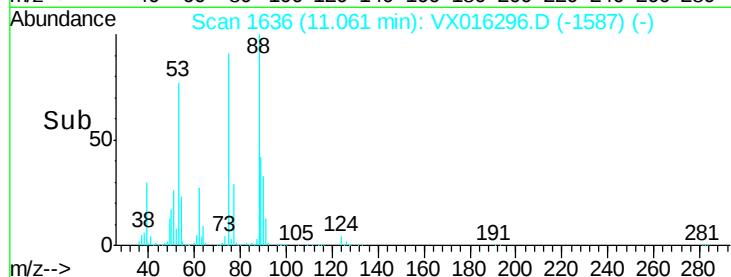
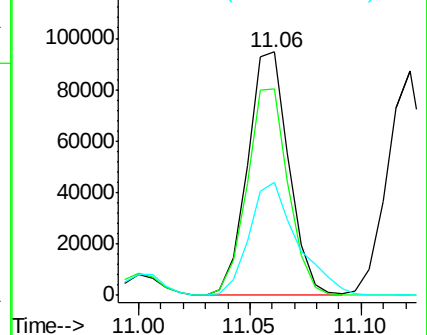
89 54.8 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 56.902 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016296.D

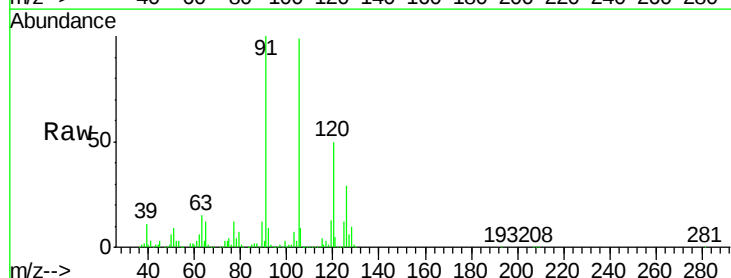
Acq: 18 May 2020 13:57

Tgt Ion: 91 Resp: 745017

Ion Ratio Lower Upper

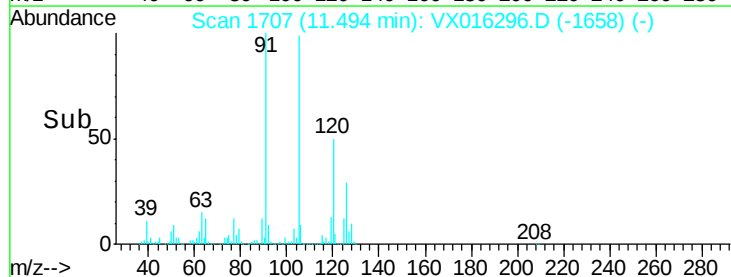
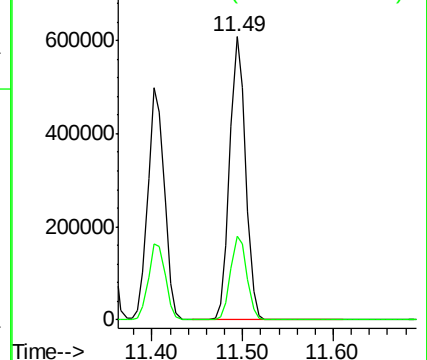
91 100

126 30.1 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

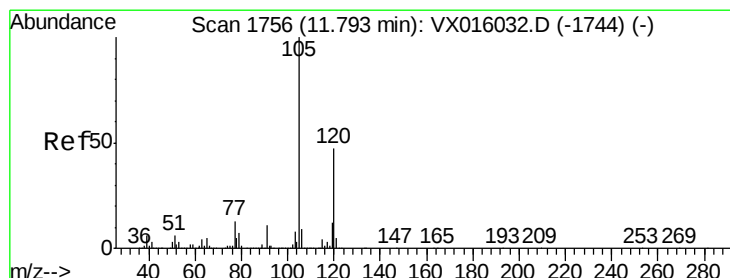
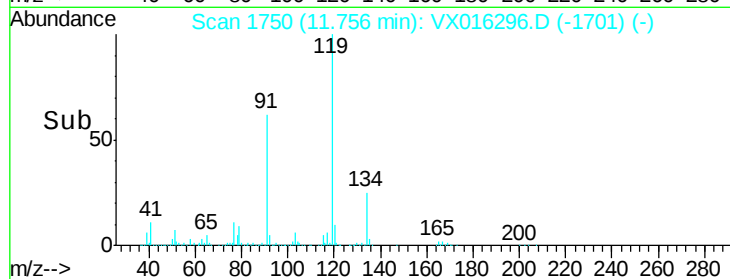
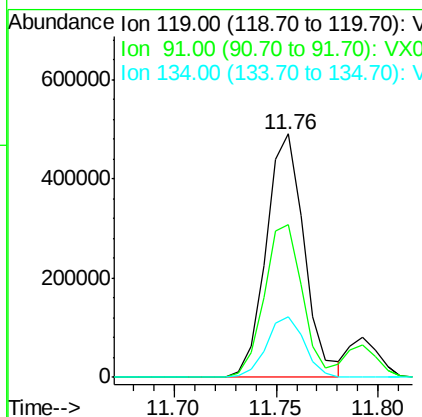
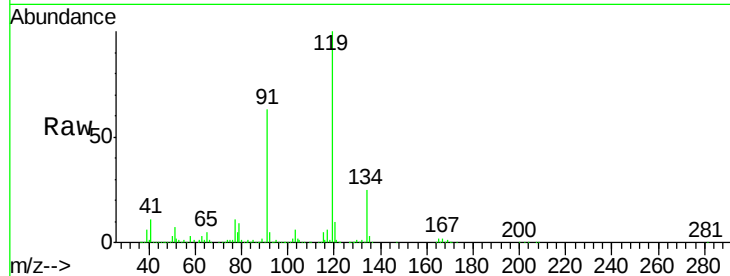




#83
tert-Butylbenzene
Concen: 54.305 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

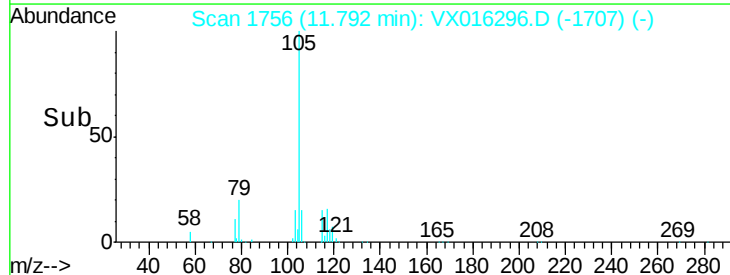
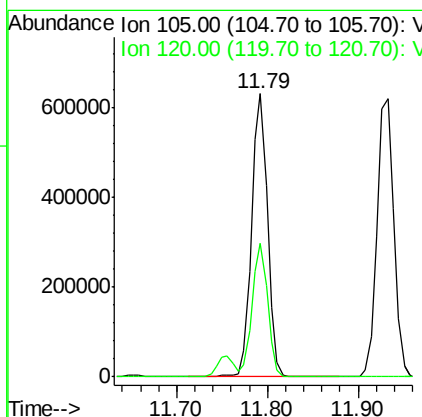
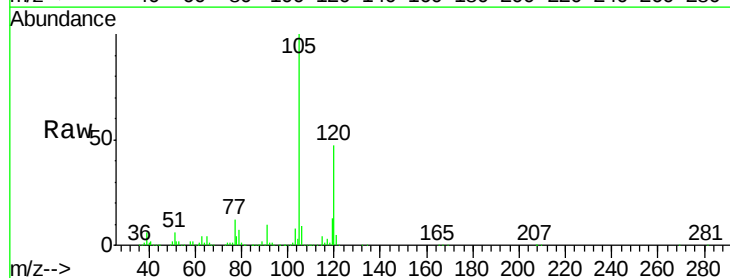
Instrument :
MSVOA_X
ClientSampleId :

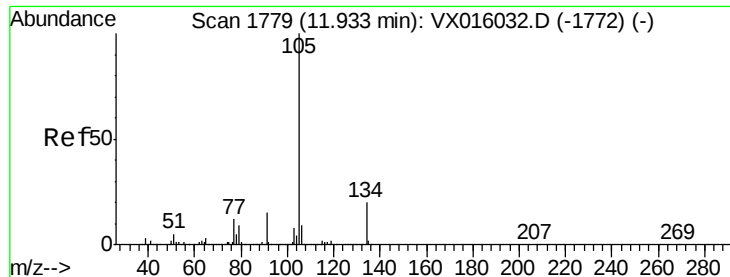
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.4	32.8	98.4
134	24.5	12.4	37.0



#84
1,2,4-Trimethylbenzene
Concen: 55.721 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.0	69.0





#85

sec-Butylbenzene

Concen: 50.066 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

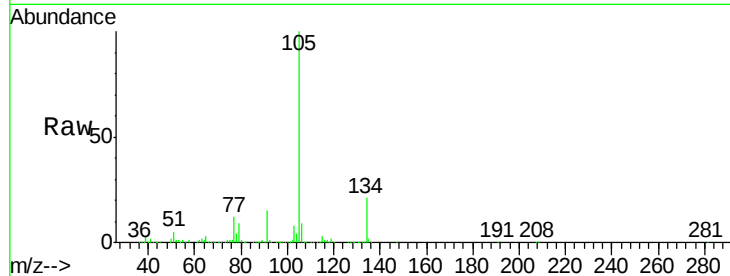
ClientSampleId :

Tot Ion:105 Resp: 794176

Ion Ratio Lower Upper

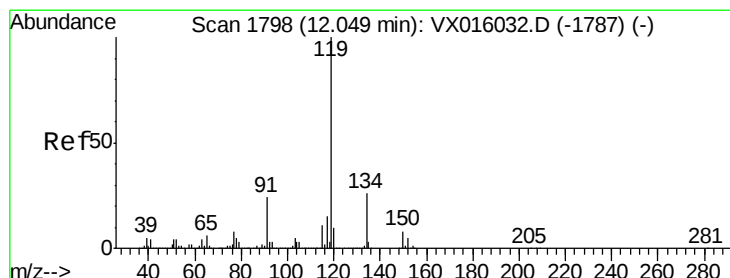
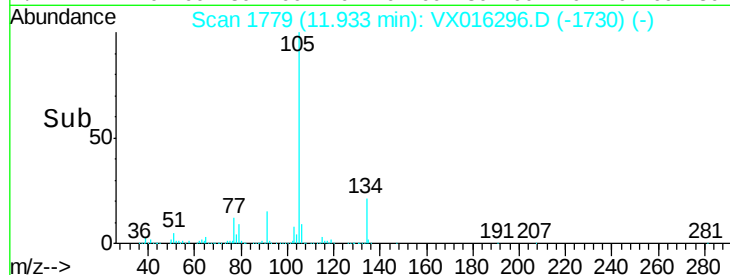
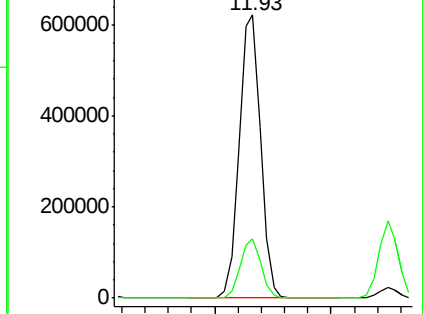
105 100

134 20.3 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.189 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

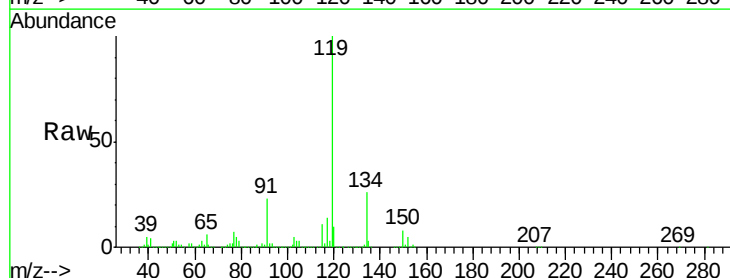
Tgt Ion:119 Resp: 753902

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

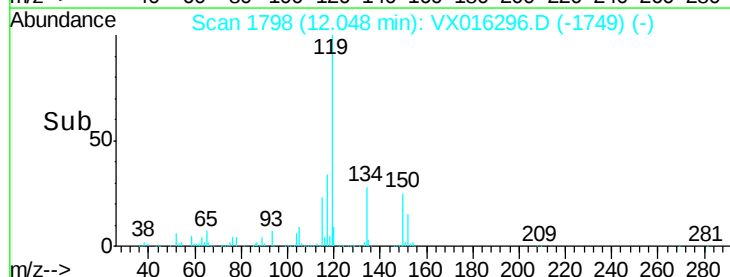
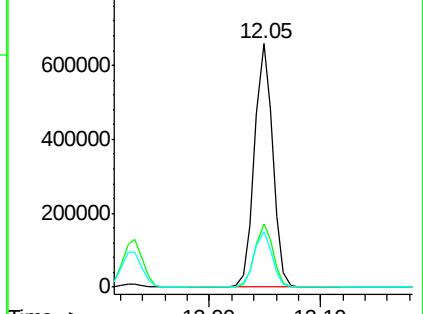
91 22.7 11.8 35.4

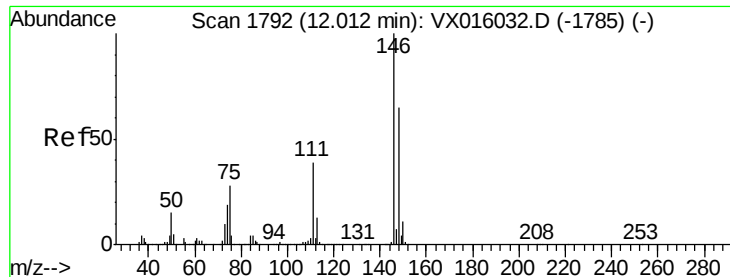


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

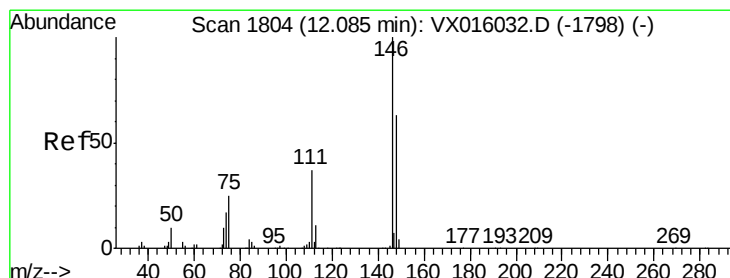
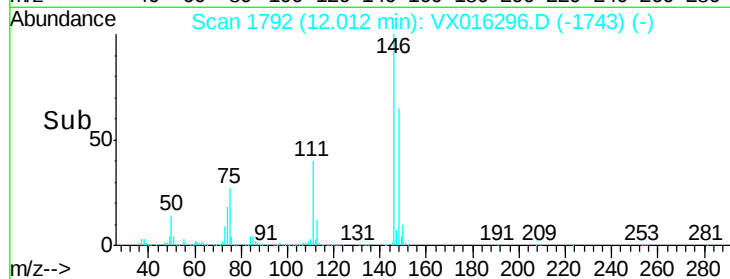
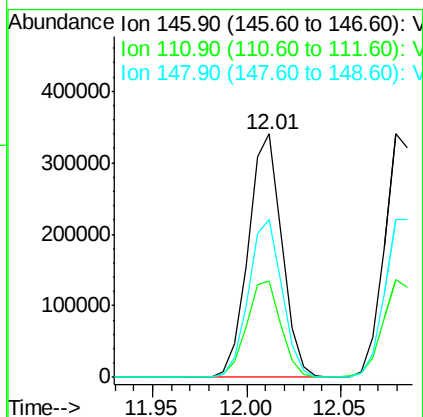
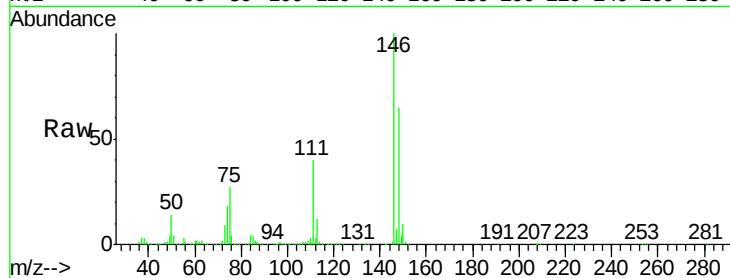




#87
 1,3-Dichlorobenzene
 Concen: 56.171 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

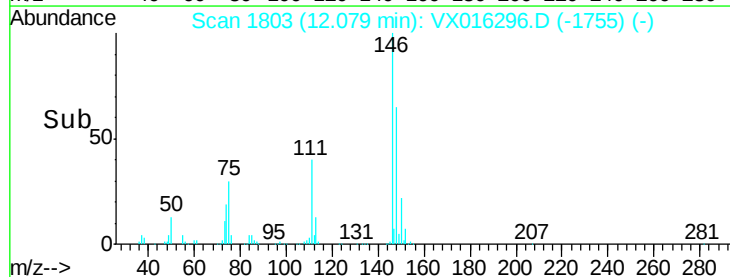
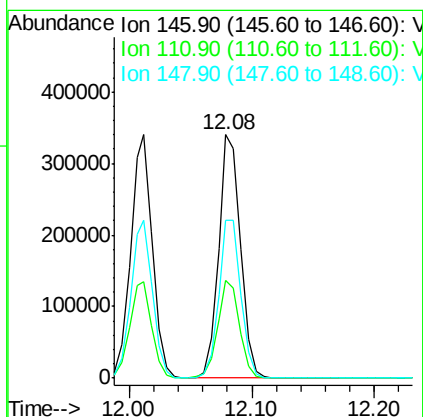
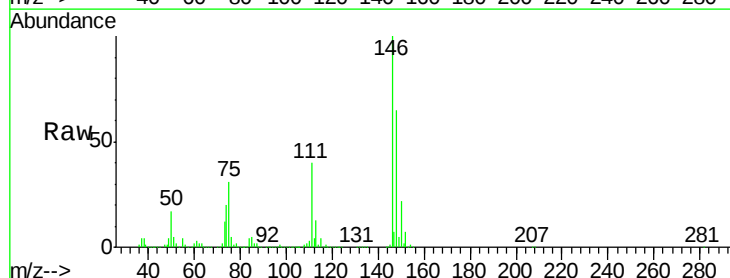
Instrument :
 MSVOA_X
 ClientSampleId :

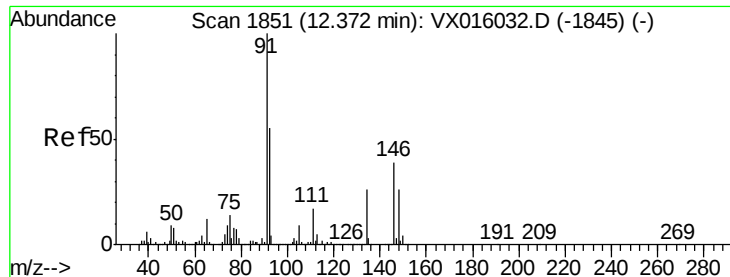
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.6
148	64.9	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 55.570 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.6	58.7
148	65.6	31.8	95.3

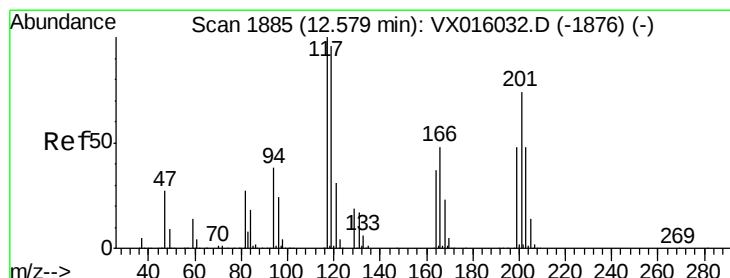
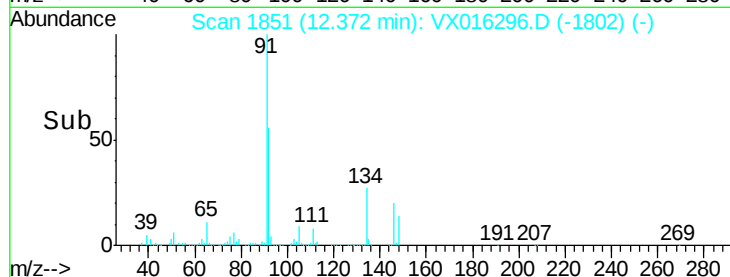
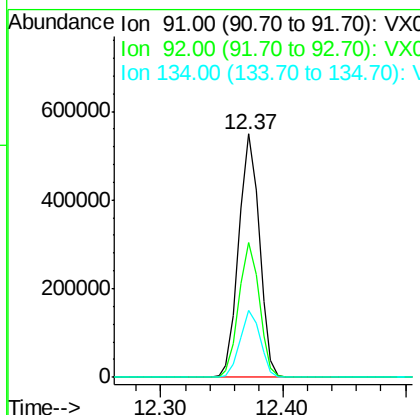
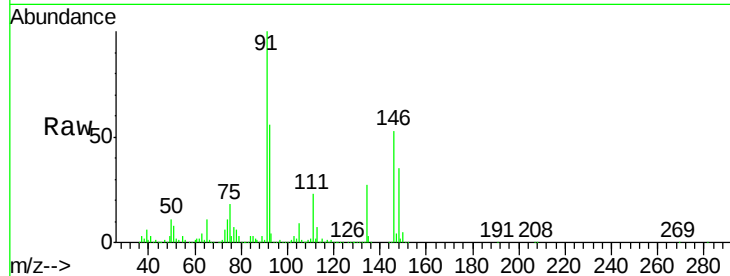




#89
n-Butylbenzene
Concen: 47.187 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

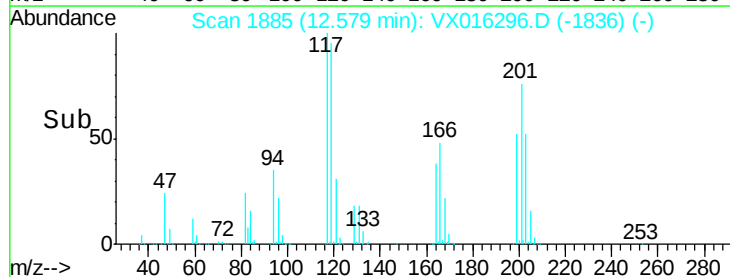
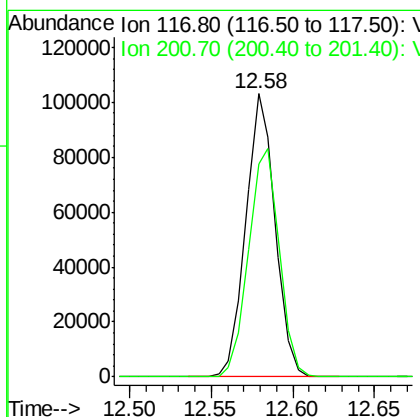
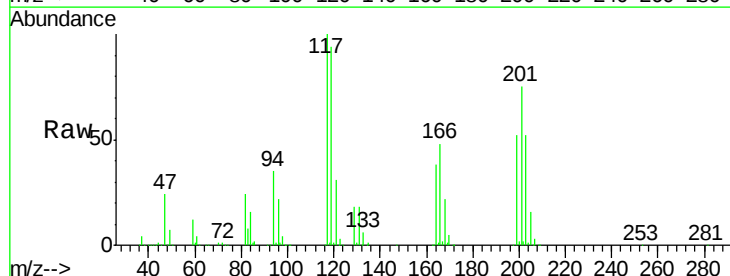
Instrument :
MSVOA_X
ClientSampleId :

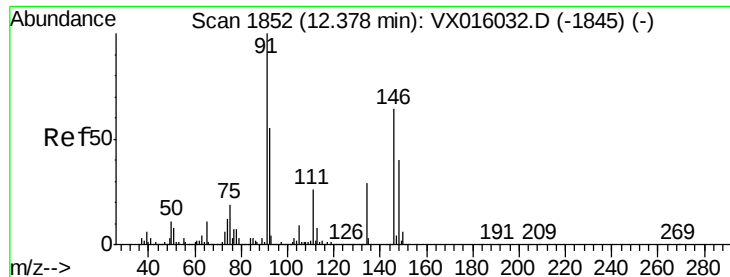
Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.6	82.7
134	27.1	13.4	40.1



#90
Hexachloroethane
Concen: 51.034 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016296.D
Acq: 18 May 2020 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.9	39.8	119.3





#91

1,2-Dichlorobenzene

Concen: 57.117 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016296.D

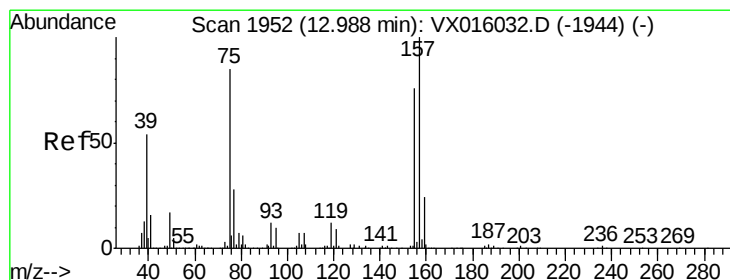
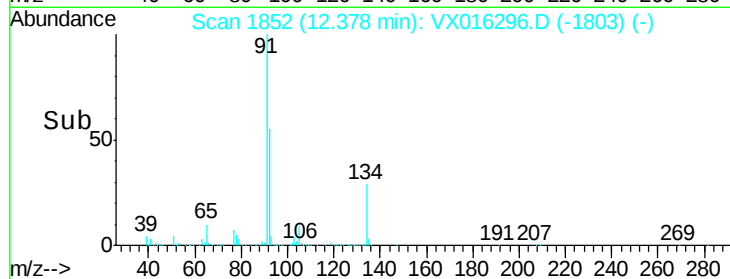
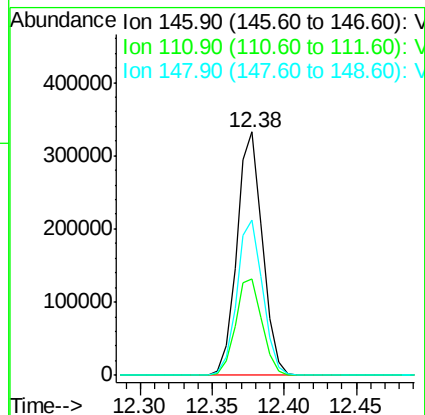
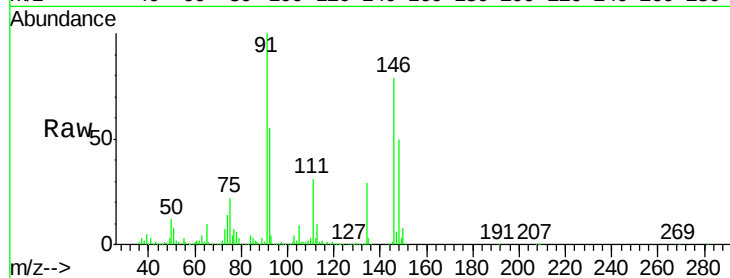
Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	411551
Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.1	63.1
148	64.4	32.4	97.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.766 ug/l

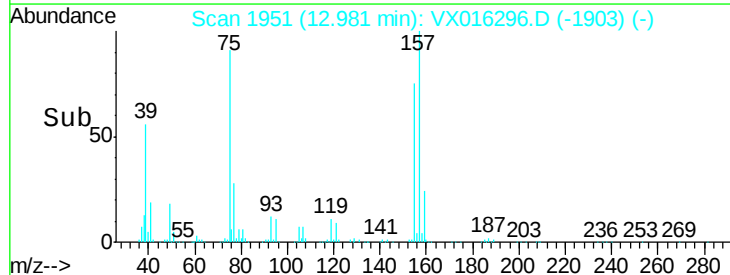
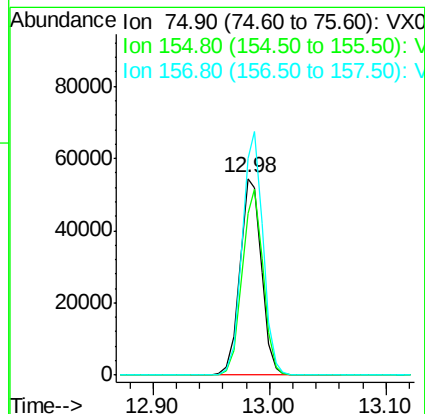
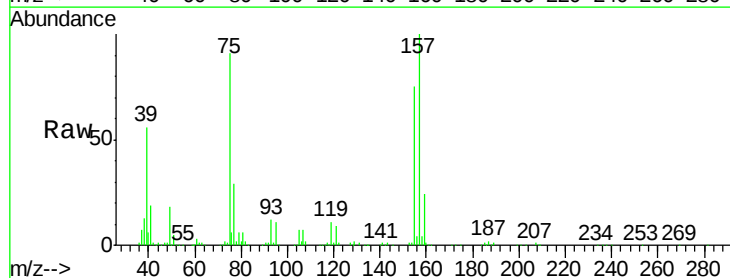
RT: 12.98 min Scan# 1951

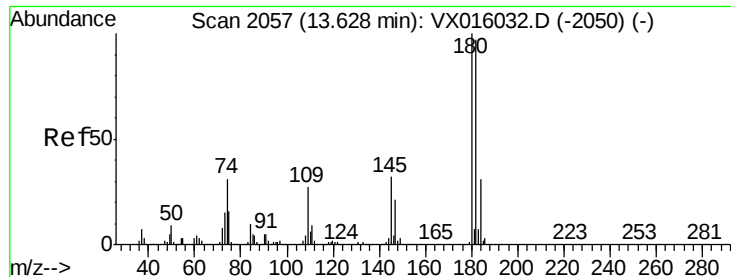
Delta R.T. -0.01 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Tgt Ion:	75	Resp:	70055
Ion	Ratio	Lower	Upper
75	100		
155	91.6	42.5	127.5
157	119.3	55.3	165.8

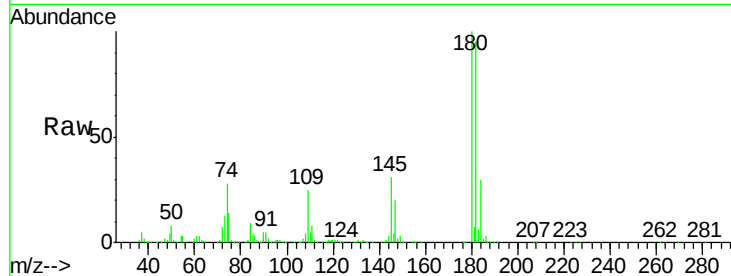




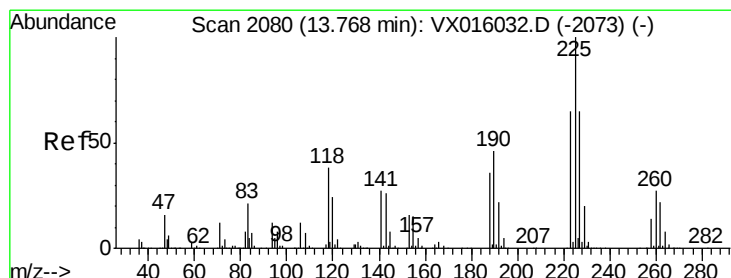
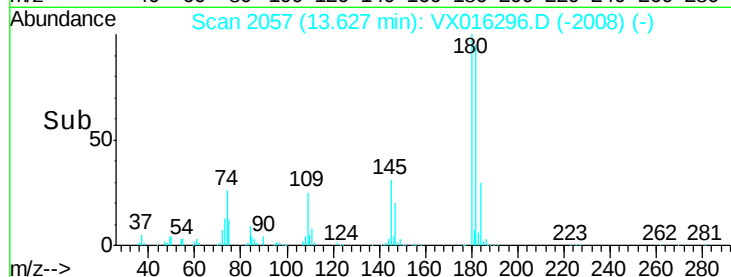
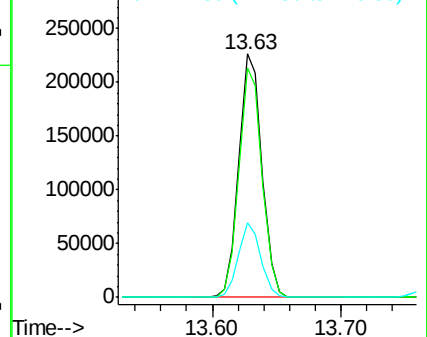
#93
 1,2,4-Trichlorobenzene
 Concen: 53.262 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 284134
 Ion Ratio Lower Upper
 180 100
 182 94.0 48.7 146.1
 145 29.7 15.7 47.1

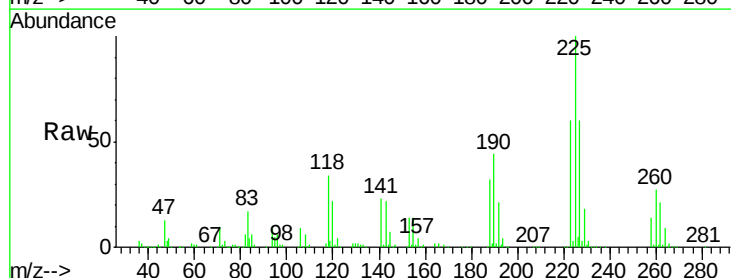


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

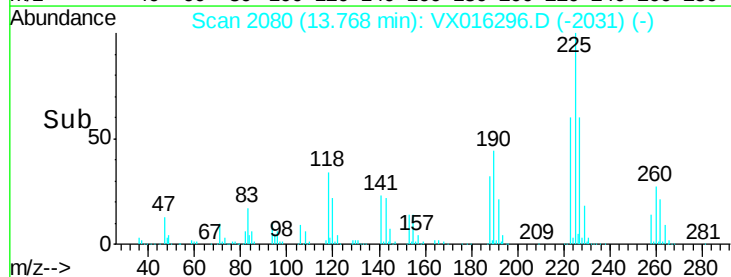
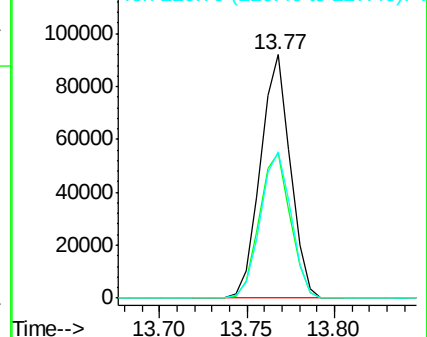


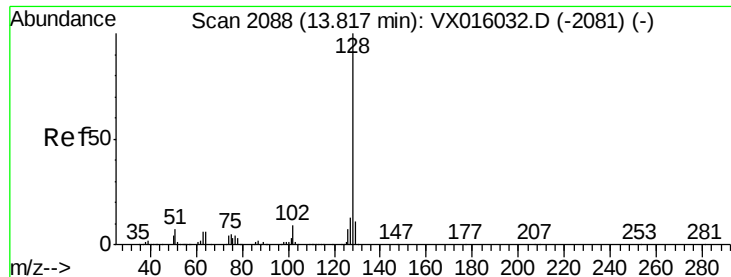
#94
 Hexachlorobutadiene
 Concen: 47.680 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016296.D
 Acq: 18 May 2020 13:57

Tgt Ion:225 Resp: 109468
 Ion Ratio Lower Upper
 225 100
 223 61.7 32.3 96.9
 227 61.5 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: 55.855 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

Instrument :

MSVOA_X

ClientSampled :

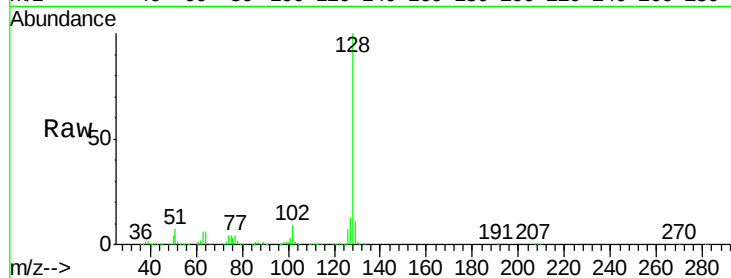
Tot Ion:128 Resp: 964817

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

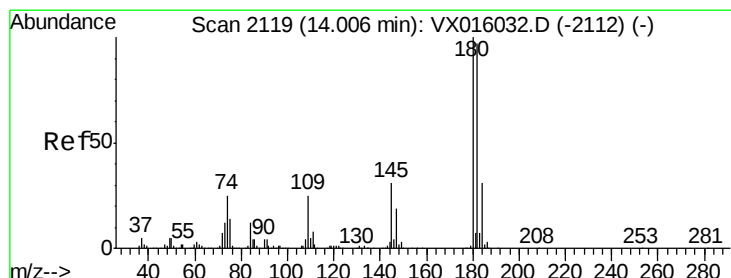
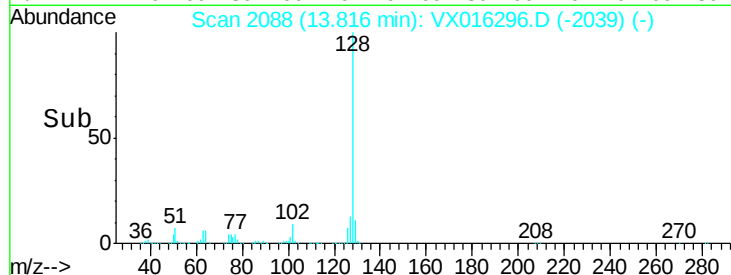
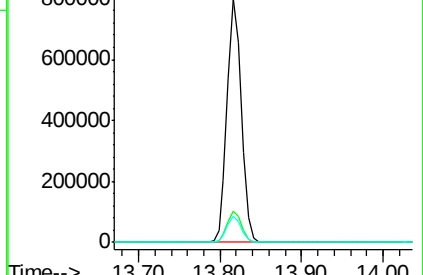
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.298 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016296.D

Acq: 18 May 2020 13:57

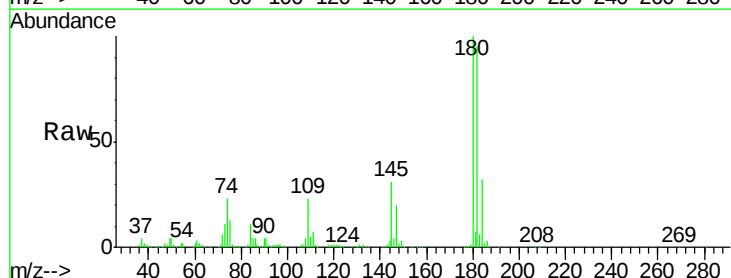
Tgt Ion:180 Resp: 272662

Ion Ratio Lower Upper

180 100

182 95.0 48.4 145.0

145 31.6 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

