

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050620\
 Data File : VX016076.D
 Acq On : 06 May 2020 12:19
 Operator : JC/SP
 Sample : VX0506WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 07 07:14:23 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	294052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	469204	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	426841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218537	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	187959	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	5.46	113	142478	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	8.70	98	561135	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
62) 4-Bromofluorobenzene	11.12	95	212928	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	57870	18.593	ug/l	98
3) Chloromethane	1.31	50	63768	17.642	ug/l	98
4) Vinyl Chloride	1.39	62	67319	17.456	ug/l	100
5) Bromomethane	1.63	94	44090	22.678	ug/l	97
6) Chloroethane	1.71	64	42256	18.009	ug/l	98
7) Trichlorofluoromethane	1.92	101	90427	17.861	ug/l	99
8) Diethyl Ether	2.17	74	38985	18.275	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	54966	18.818	ug/l	99
10) Methyl Iodide	2.49	142	65095	16.591	ug/l	100
11) Tert butyl alcohol	3.01	59	87465	89.389	ug/l	99
12) 1,1-Dichloroethene	2.36	96	53357	17.456	ug/l	97
13) Acrolein	2.27	56	44085	71.999	ug/l	99
14) Allyl chloride	2.71	41	101173	18.052	ug/l	98
15) Acrylonitrile	3.11	53	184053	90.673	ug/l	98
16) Acetone	2.42	43	154861	89.696	ug/l	97
17) Carbon Disulfide	2.55	76	164052	17.738	ug/l	99
18) Methyl Acetate	2.75	43	77548	18.268	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	196770	18.674	ug/l	100
20) Methylene Chloride	2.83	84	62285	17.500	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	59223	17.386	ug/l	97
22) Diisopropyl ether	3.82	45	196213	18.557	ug/l	92
23) Vinyl Acetate	3.78	43	871066	93.639	ug/l	100
24) 1,1-Dichloroethane	3.67	63	107925	18.247	ug/l	99
25) 2-Butanone	4.63	43	253929	91.273	ug/l	100
26) 2,2-Dichloropropane	4.56	77	96801	17.921	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	67391	18.097	ug/l	100
28) Bromochloromethane	4.98	49	50472	18.714	ug/l	100
29) Tetrahydrofuran	5.09	42	167620	90.929	ug/l	100
30) Chloroform	5.18	83	107817	18.308	ug/l	96
31) Cyclohexane	5.54	56	99514	18.513	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	97823	18.274	ug/l	100
36) 1,1-Dichloropropene	5.77	75	81747	17.699	ug/l	98
37) Ethyl Acetate	4.79	43	97907	18.290	ug/l	100
38) Carbon Tetrachloride	5.75	117	85023	18.111	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050620\
 Data File : VX016076.D
 Acq On : 06 May 2020 12:19
 Operator : JC/SP
 Sample : VX0506WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 07 07:14:23 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	102564	18.440	ug/l	98
40) Benzene	6.11	78	246118	18.212	ug/l	99
41) Methacrylonitrile	5.00	41	53066	18.356	ug/l	99
42) 1,2-Dichloroethane	6.16	62	90373	18.564	ug/l	100
43) Isopropyl Acetate	6.41	43	157359	18.424	ug/l	99
44) Trichloroethene	7.19	130	88037	18.337	ug/l	98
45) 1,2-Dichloropropane	7.49	63	64431	18.842	ug/l	99
46) Dibromomethane	7.64	93	42888	18.456	ug/l	100
47) Bromodichloromethane	7.87	83	88257	18.648	ug/l	98
48) Methyl methacrylate	7.74	41	72536	17.923	ug/l	99
49) 1,4-Dioxane	7.71	88	34966	360.232	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	486718	93.122	ug/l	100
52) Toluene	8.76	92	156584	18.589	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	103134	18.277	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	107787	18.287	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	62467	18.849	ug/l	99
56) Ethyl methacrylate	9.16	69	100789	18.631	ug/l	99
57) 1,3-Dichloropropane	9.35	76	108581	18.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	264055	91.687	ug/l	100
59) 2-Hexanone	9.47	43	375111	91.387	ug/l	100
60) Dibromochloromethane	9.57	129	67113	18.387	ug/l	99
61) 1,2-Dibromoethane	9.65	107	66158	18.430	ug/l	98
64) Tetrachloroethene	9.32	164	100099	19.103	ug/l	98
65) Chlorobenzene	10.12	112	166200	18.596	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	61863	18.727	ug/l	98
67) Ethyl Benzene	10.23	91	293425	18.400	ug/l	97
68) m/p-Xylenes	10.34	106	225225	37.696	ug/l	100
69) o-Xylene	10.68	106	106747	18.587	ug/l	99
70) Styrene	10.70	104	179767	18.450	ug/l	99
71) Bromoform	10.84	173	49987	18.573	ug/l #	99
73) Isopropylbenzene	11.00	105	288402	18.144	ug/l	99
74) N-amyl acetate	10.88	43	131624	17.753	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	50080	18.416	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	119729	24.143	ug/l	84
77) Bromobenzene	11.24	156	71512	17.430	ug/l	98
78) n-propylbenzene	11.34	91	330420	17.869	ug/l	100
79) 2-Chlorotoluene	11.40	91	196600	18.012	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	243685	18.157	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	37264	17.907	ug/l	99
82) 4-Chlorotoluene	11.49	91	231742	17.979	ug/l	100
83) tert-Butylbenzene	11.76	119	208267	18.007	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	243601	17.954	ug/l	100
85) sec-Butylbenzene	11.93	105	278060	17.806	ug/l	99
86) p-Isopropyltoluene	12.05	119	259946	17.929	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	128791	17.483	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	130675	17.477	ug/l	97
89) n-Butylbenzene	12.37	91	231710	17.494	ug/l	98
90) Hexachloroethane	12.58	117	43327	17.400	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	127270	17.942	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21165	16.193	ug/l	97

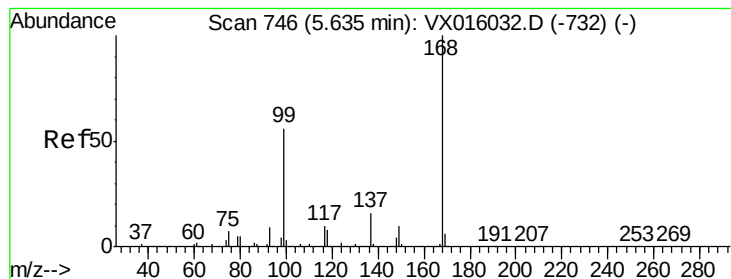
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050620\
Data File : VX016076.D
Acq On : 06 May 2020 12:19
Operator : JC/SP
Sample : VX0506WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 07 07:14:23 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	93463	17.797	ug/l	96
94) Hexachlorobutadiene	13.77	225	42108	18.949	ug/l	98
95) Naphthalene	13.82	128	301622	17.737	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	92390	18.001	ug/l	99

(#) = 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: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

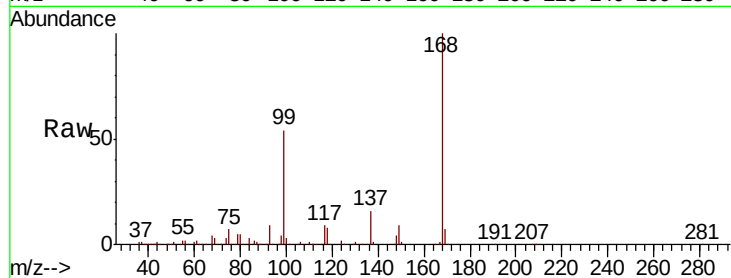
ClientSampleId :

Tot Ion:168 Resp: 294052

Ion Ratio Lower Upper

168 100

99 53.6 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

120000

100000

80000

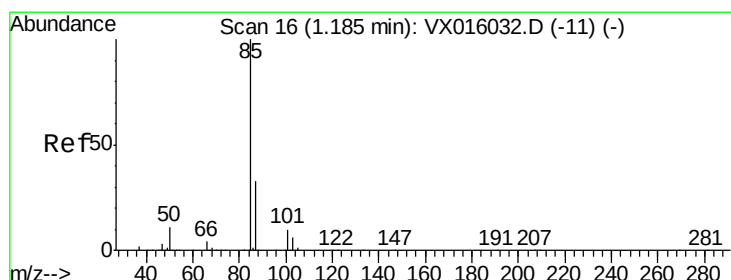
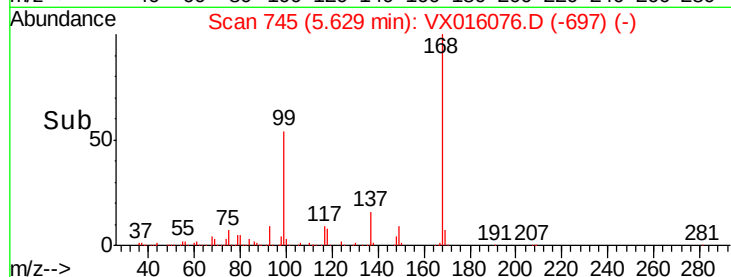
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.593 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016076.D

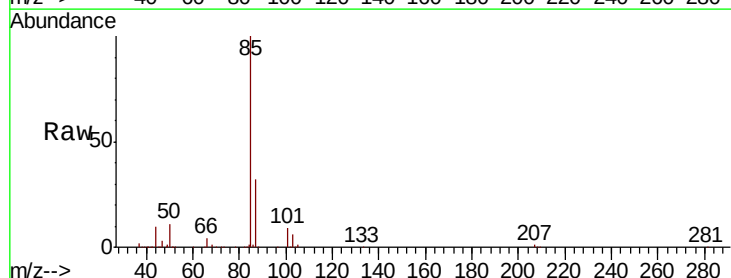
Acq: 06 May 2020 12:19

Tgt Ion: 85 Resp: 57870

Ion Ratio Lower Upper

85 100

87 31.7 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

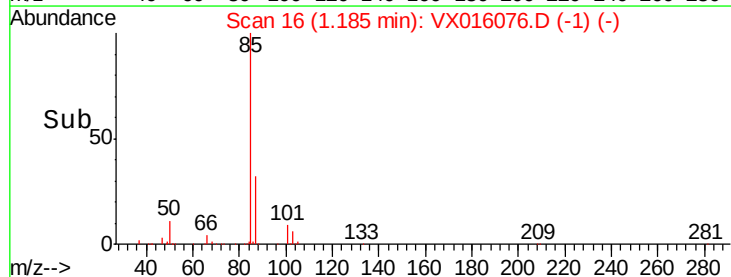
60000

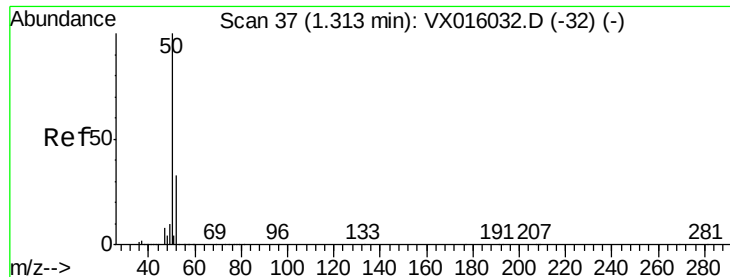
40000

20000

0

Time-->





#3

Chloromethane

Concen: 17.642 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

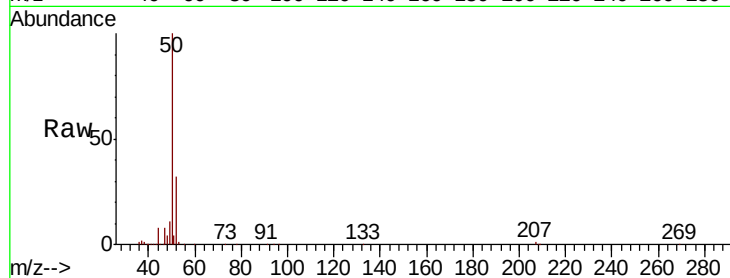
ClientSampleId :

Tot Ion: 50 Resp: 63768

Ion Ratio Lower Upper

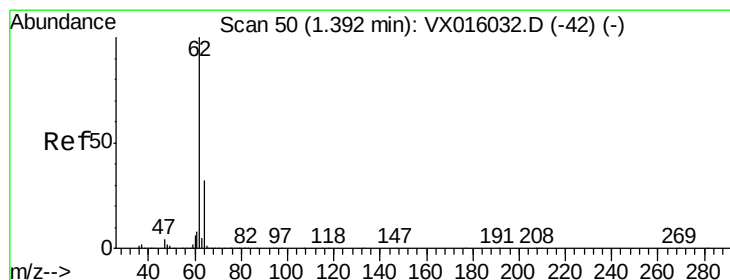
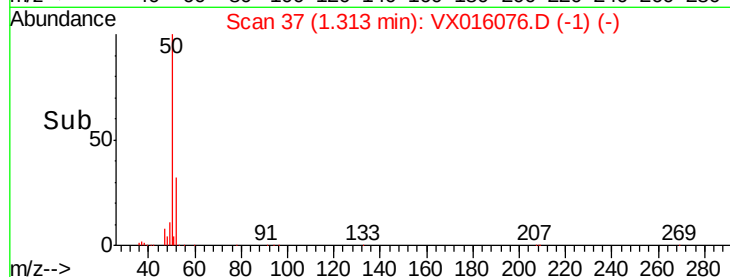
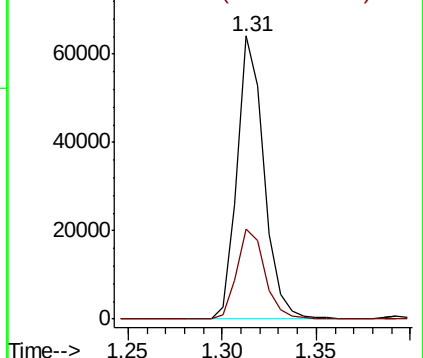
50 100

52 31.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.456 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016076.D

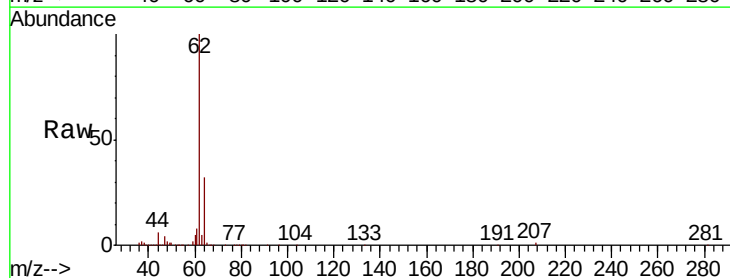
Acq: 06 May 2020 12:19

Tgt Ion: 62 Resp: 67319

Ion Ratio Lower Upper

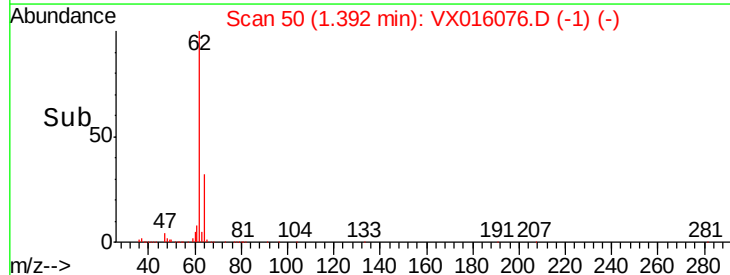
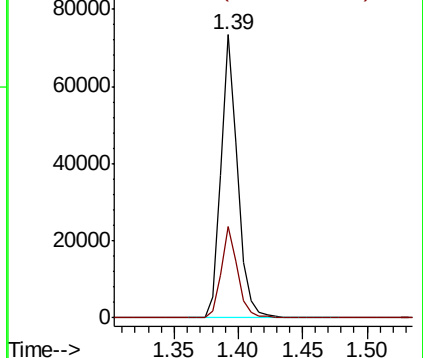
62 100

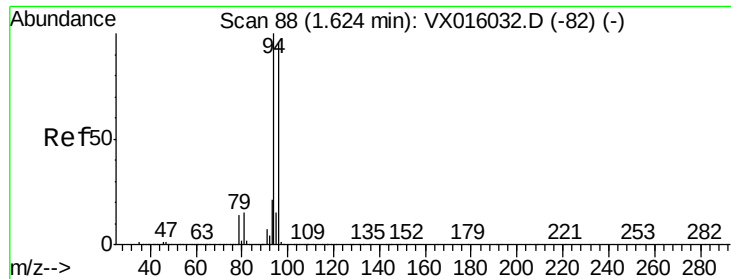
64 32.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.678 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

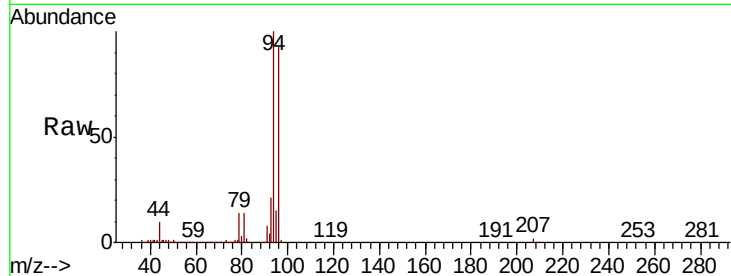
ClientSampleId :

Tot Ion: 94 Resp: 44090

Ion Ratio Lower Upper

94 100

96 93.2 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

40000

30000

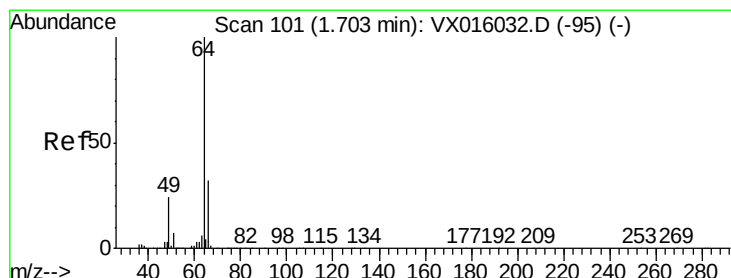
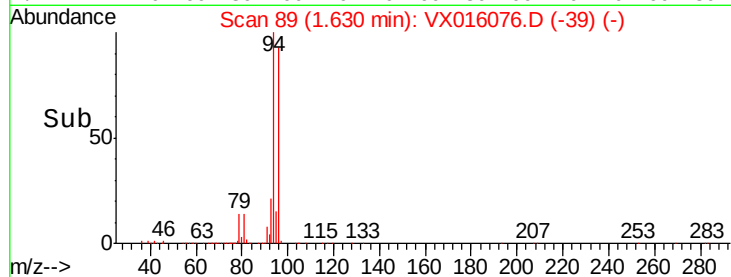
20000

10000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 18.009 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016076.D

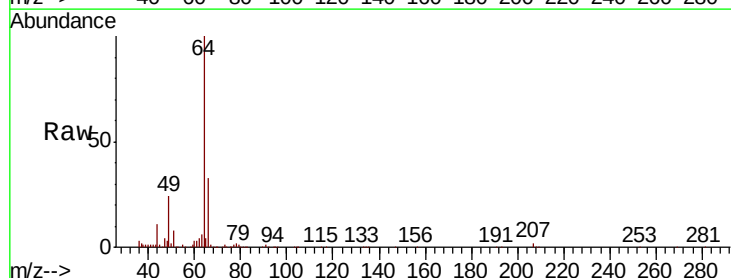
Acq: 06 May 2020 12:19

Tgt Ion: 64 Resp: 42256

Ion Ratio Lower Upper

64 100

66 32.5 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

30000

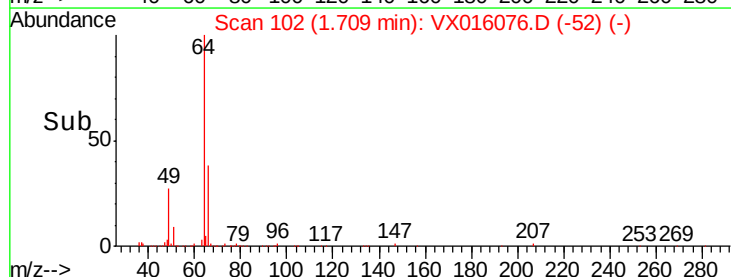
20000

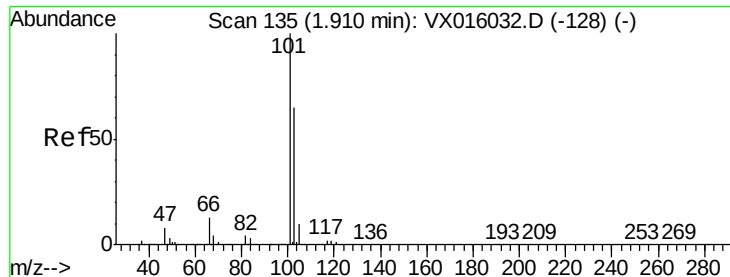
10000

0

Time-->

1.60 1.70 1.80



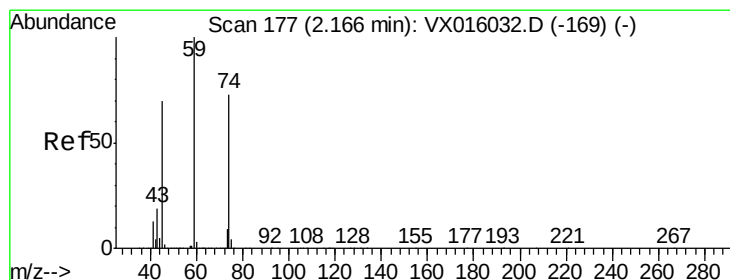
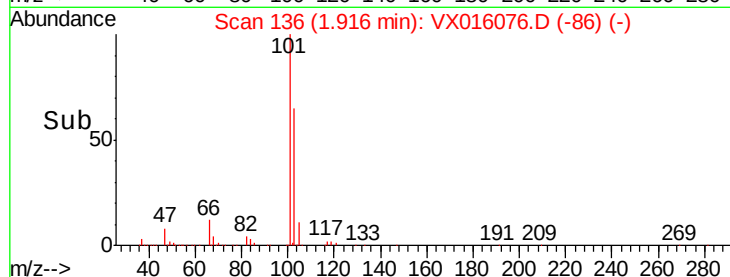
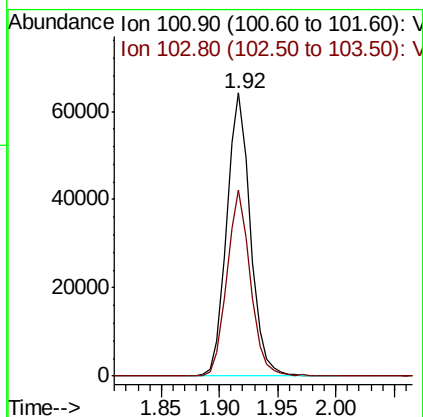
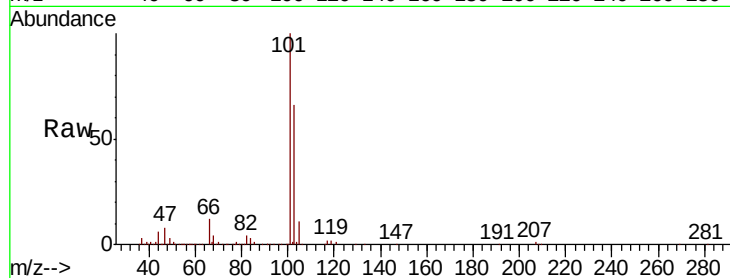


#7

Trichlorofluoromethane
Concen: 17.861 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :

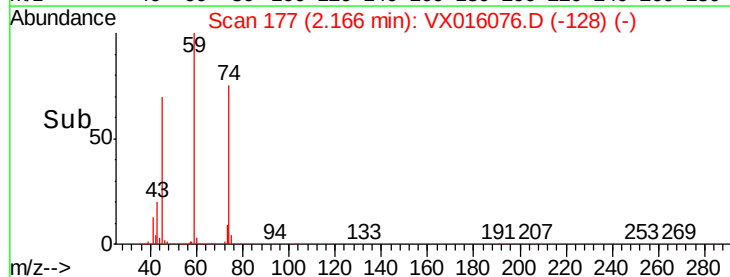
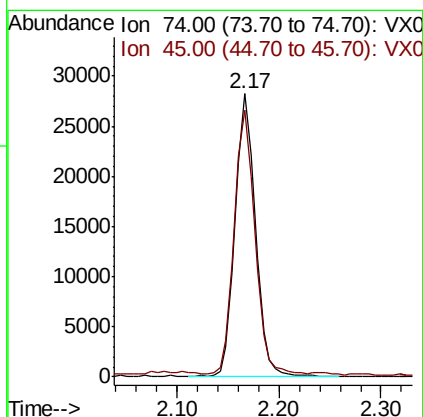
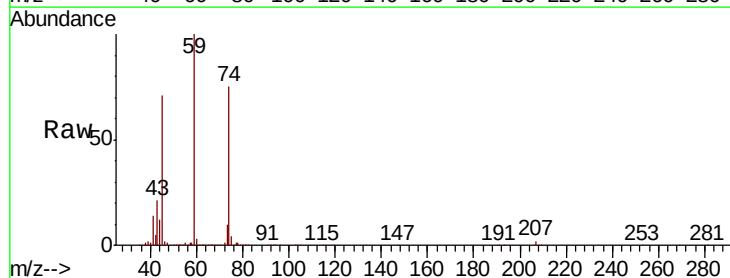
Tot Ion:101 Resp: 90427
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.6

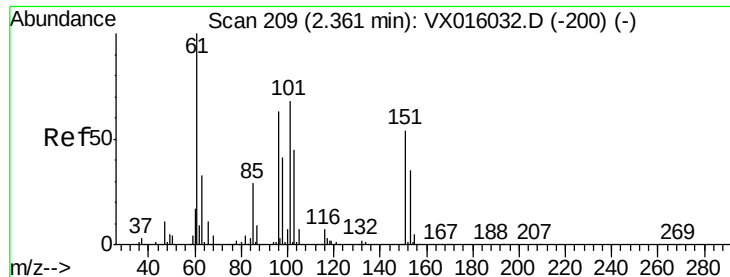


#8

Diethyl Ether
Concen: 18.275 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion: 74 Resp: 38985
Ion Ratio Lower Upper
74 100
45 93.2 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.818 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

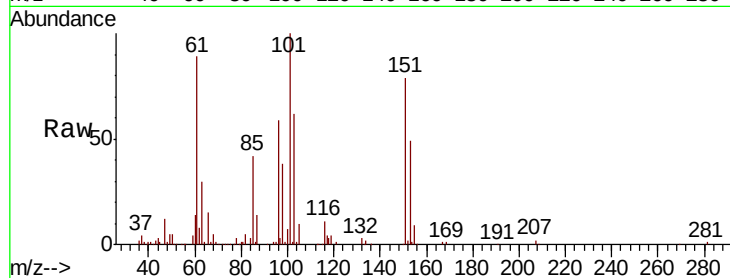
Tot Ion:101 Resp: 54966

Ion Ratio Lower Upper

101 100

85 43.4 34.2 51.4

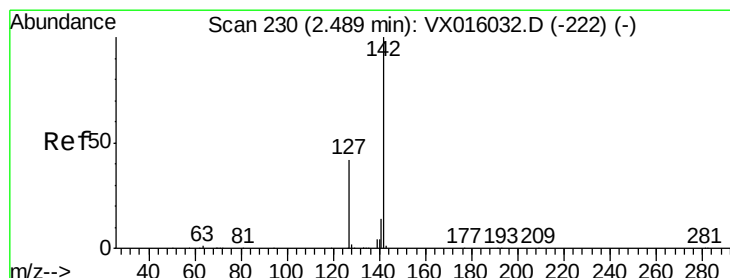
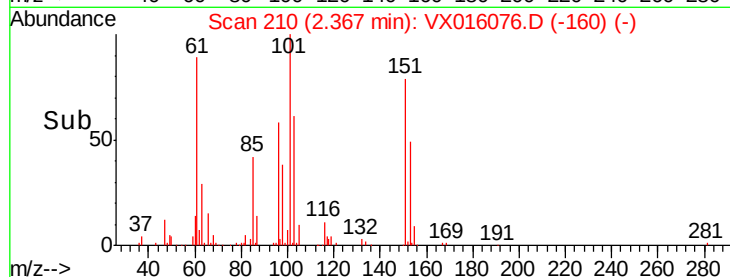
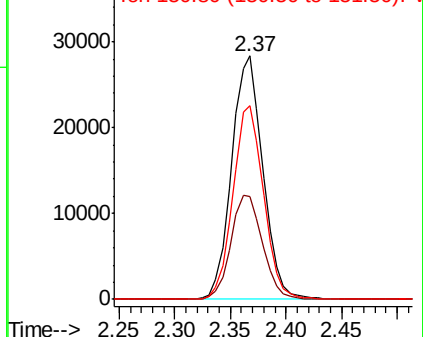
151 78.0 62.1 93.1



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: 16.591 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

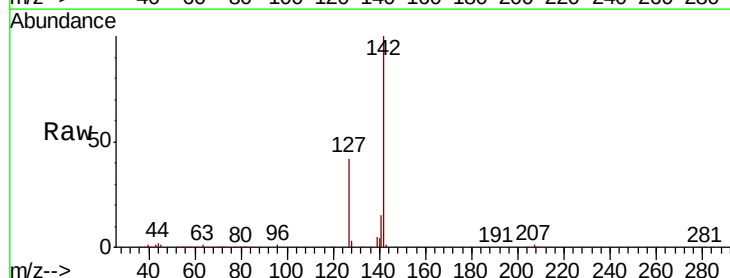
Tgt Ion:142 Resp: 65095

Ion Ratio Lower Upper

142 100

127 43.1 34.6 52.0

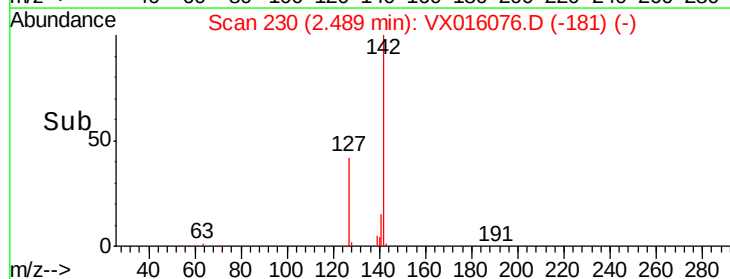
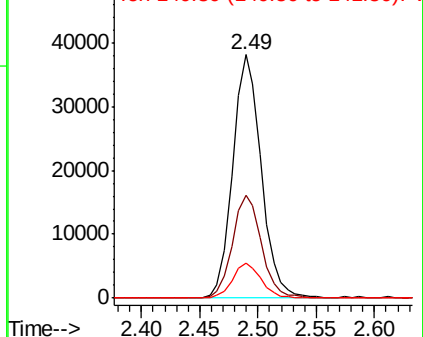
141 14.4 11.3 16.9

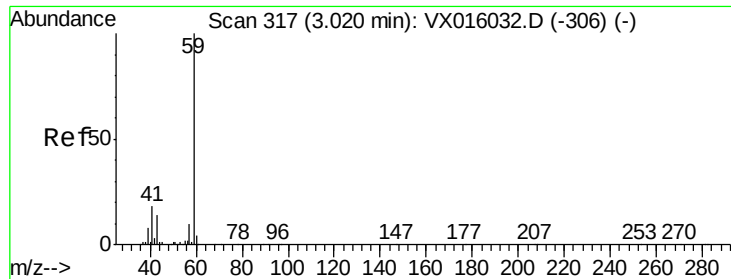


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



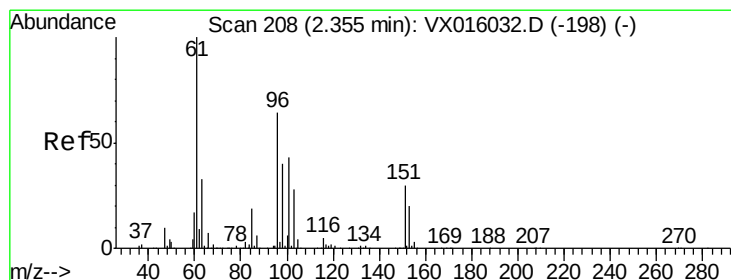
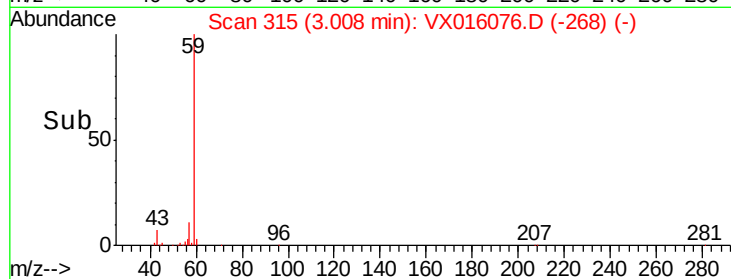
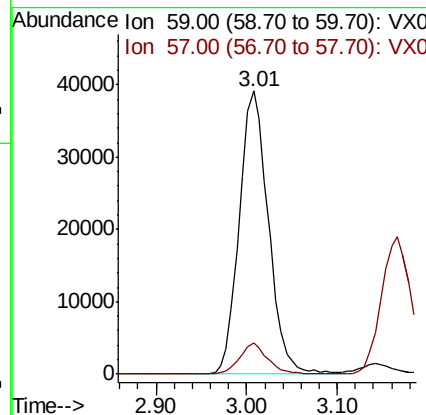
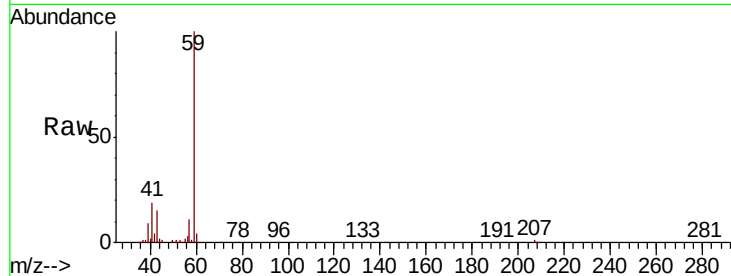


#11

Tert butyl alcohol
Concen: 89.389 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :

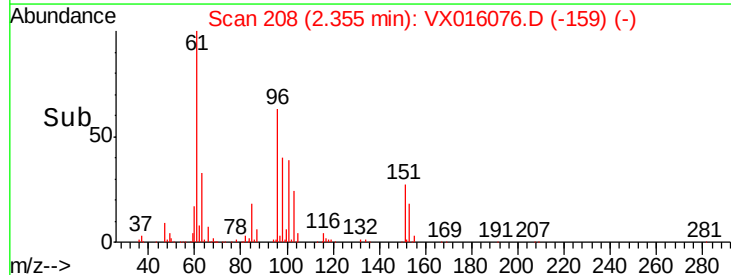
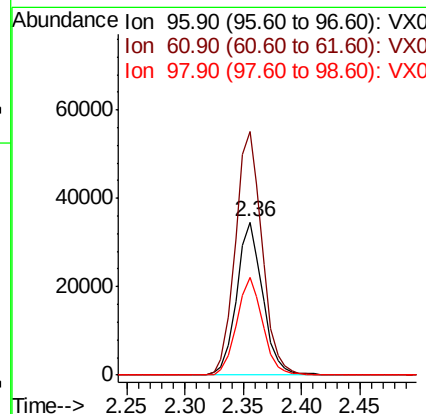
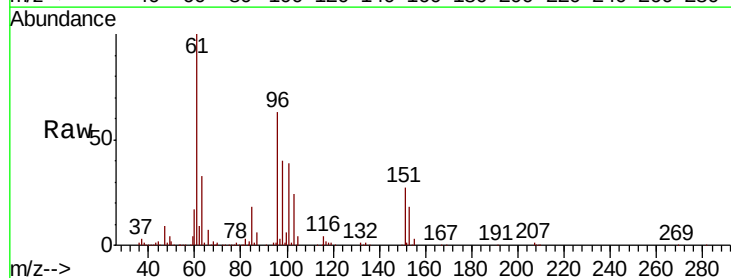
Tot Ion: 59 Resp: 87465
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

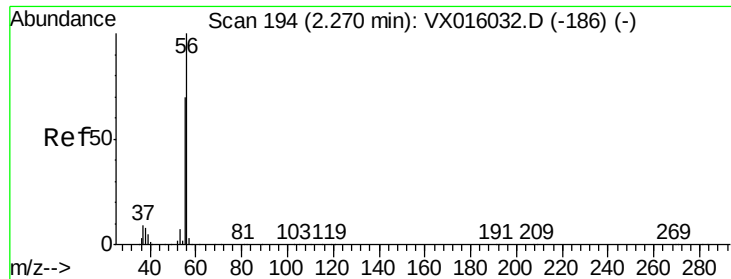


#12

1,1-Dichloroethene
Concen: 17.456 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion: 96 Resp: 53357
Ion Ratio Lower Upper
96 100
61 159.5 124.8 187.2
98 64.0 49.7 74.5

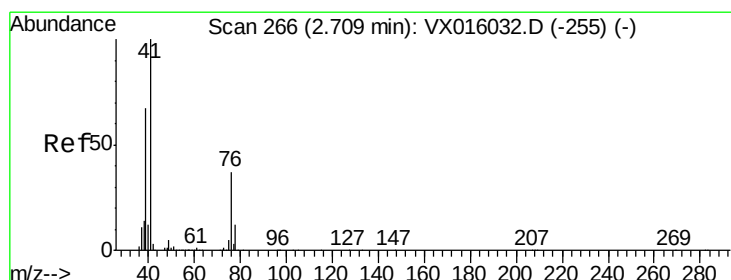
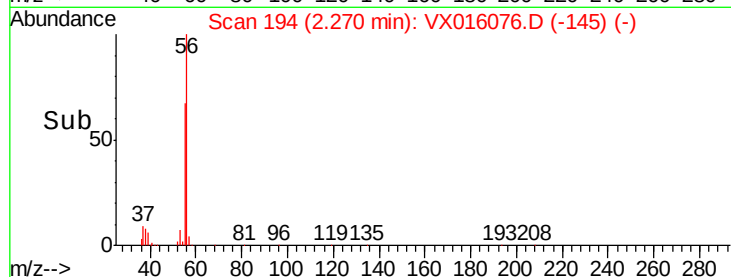
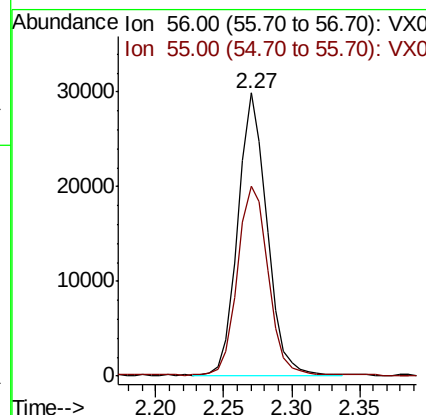
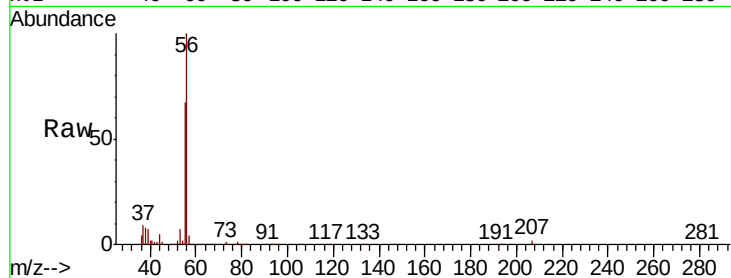




#13
Acrolein
Concen: 71.999 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

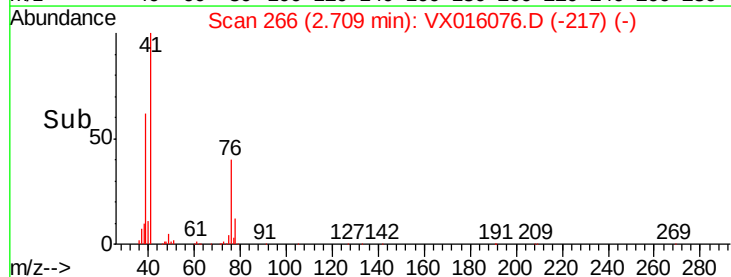
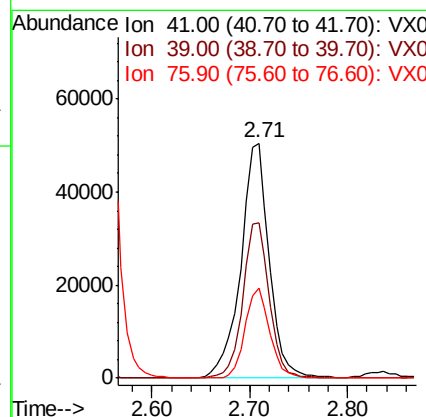
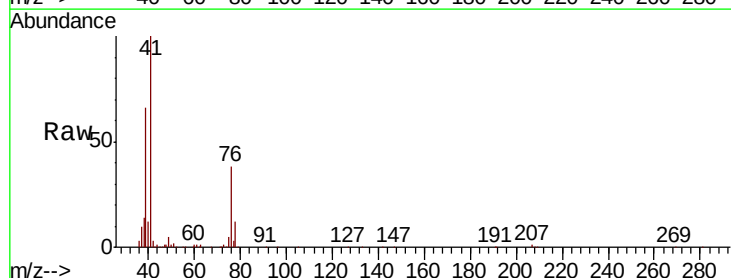
Instrument :
MSVOA_X
ClientSampleId :

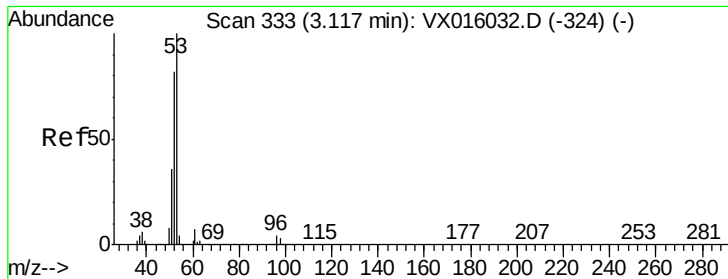
Tot Ion: 56 Resp: 44085
Ion Ratio Lower Upper
56 100
55 71.2 56.5 84.7



#14
Allyl chloride
Concen: 18.052 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion: 41 Resp: 101173
Ion Ratio Lower Upper
41 100
39 61.4 50.5 75.7
76 33.5 26.6 40.0





#15

Acrylonitrile

Concen: 90.673 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

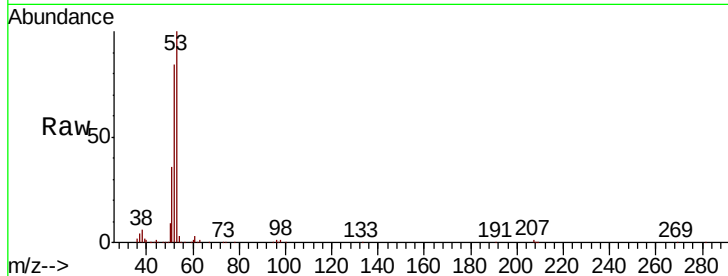
Tot Ion: 53 Resp: 184053

Ion Ratio Lower Upper

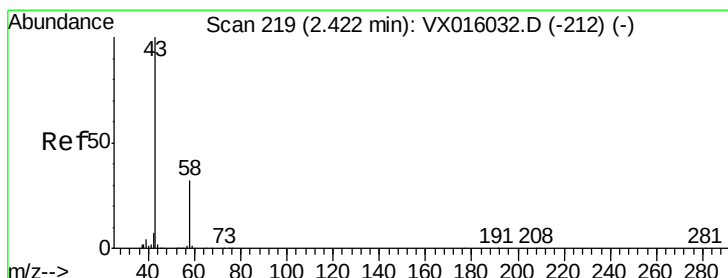
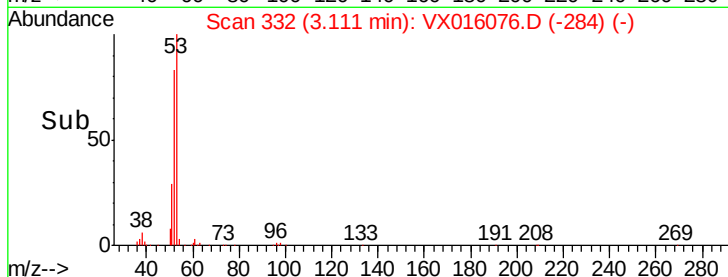
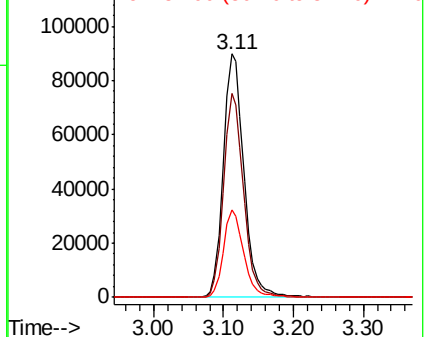
53 100

52 81.0 66.1 99.1

51 35.4 28.8 43.2



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



#16

Acetone

Concen: 89.696 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016076.D

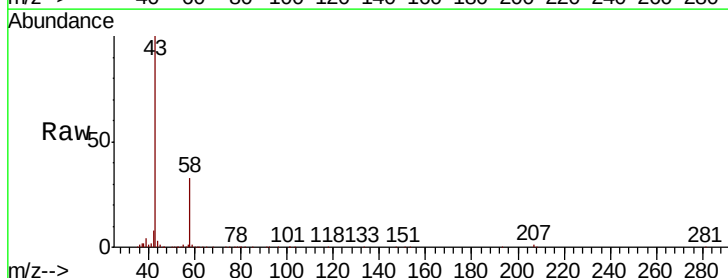
Acq: 06 May 2020 12:19

Tgt Ion: 43 Resp: 154861

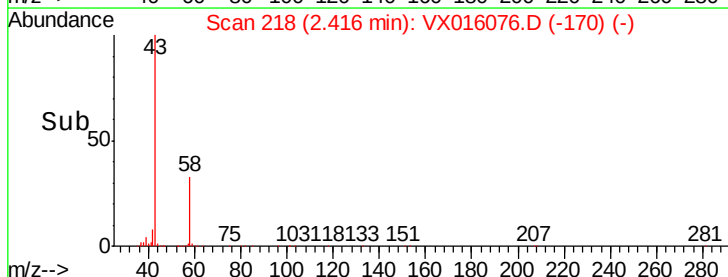
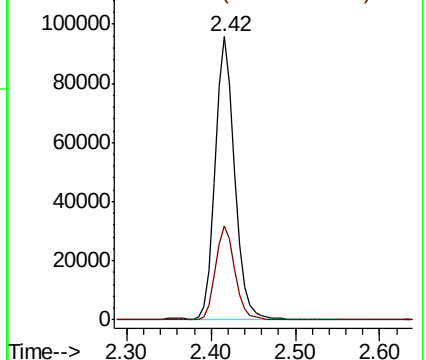
Ion Ratio Lower Upper

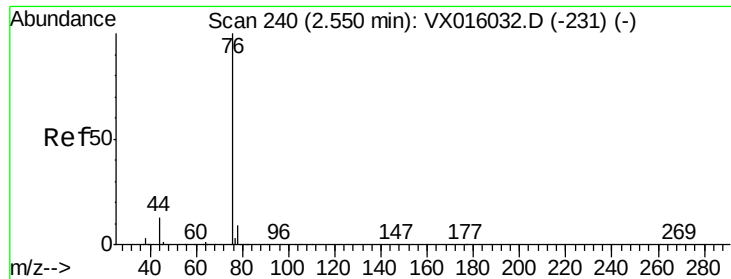
43 100

58 33.1 25.4 38.0



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





#17

Carbon Disulfide

Concen: 17.738 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

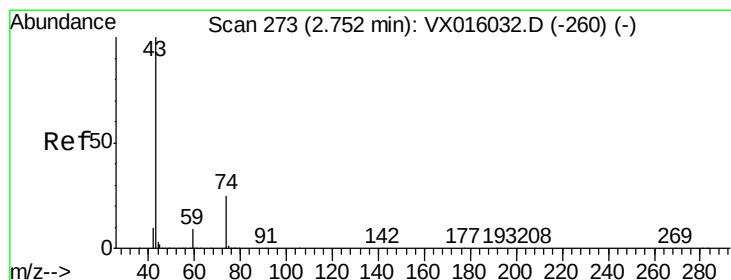
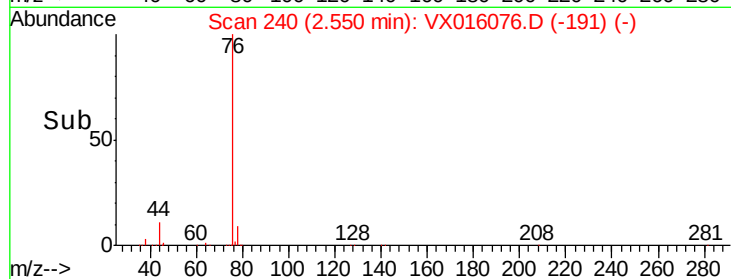
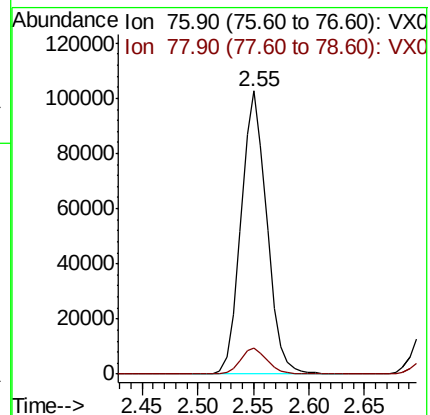
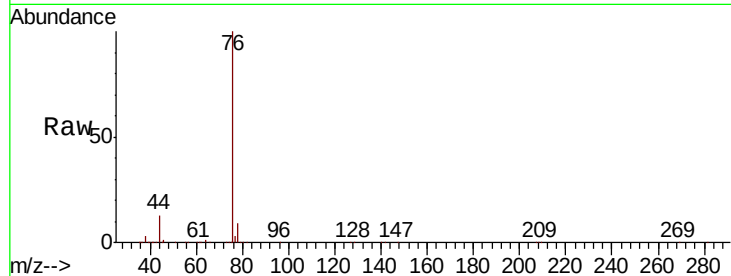
ClientSampleId :

Tot Ion: 76 Resp: 164052

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3



#18

Methyl Acetate

Concen: 18.268 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016076.D

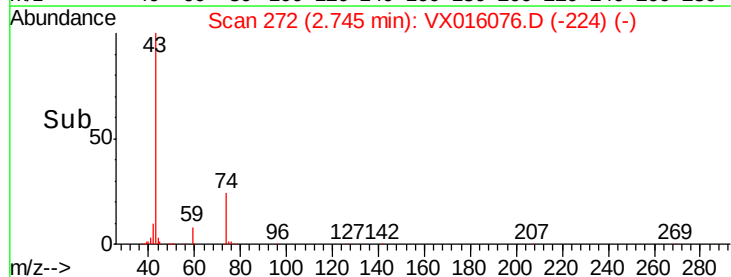
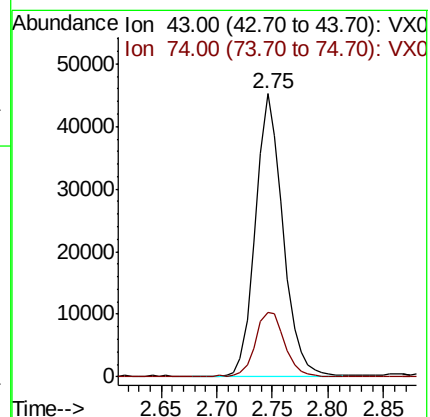
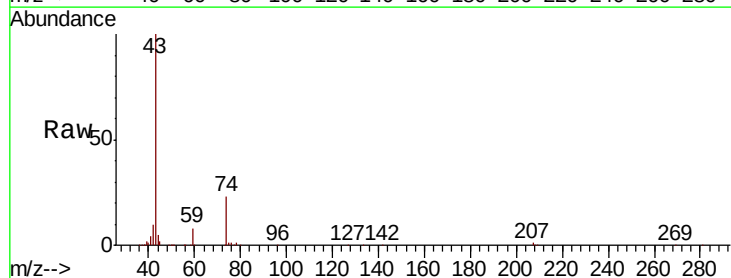
Acq: 06 May 2020 12:19

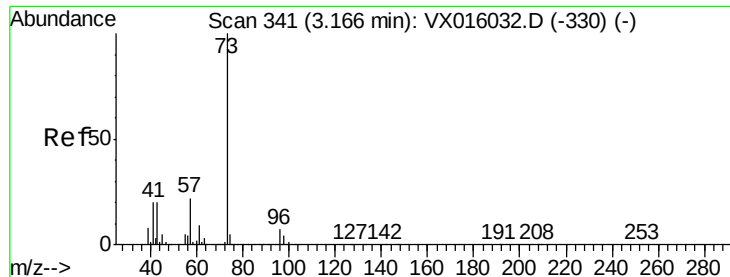
Tgt Ion: 43 Resp: 77548

Ion Ratio Lower Upper

43 100

74 25.1 20.2 30.2



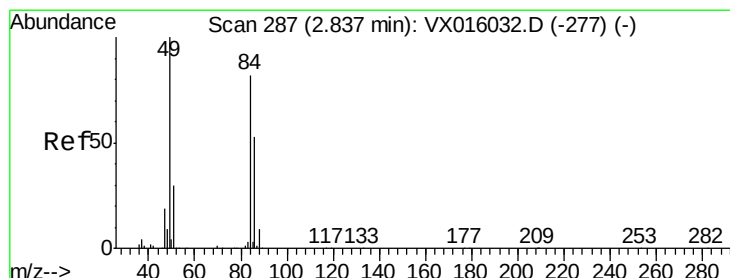
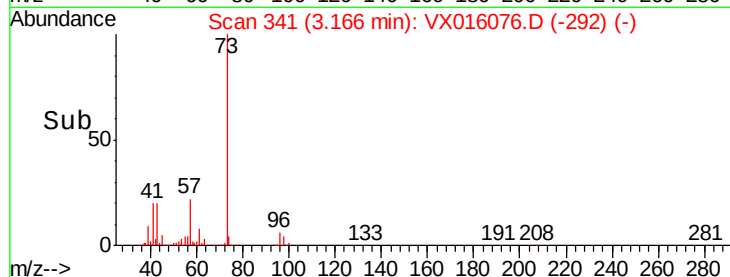
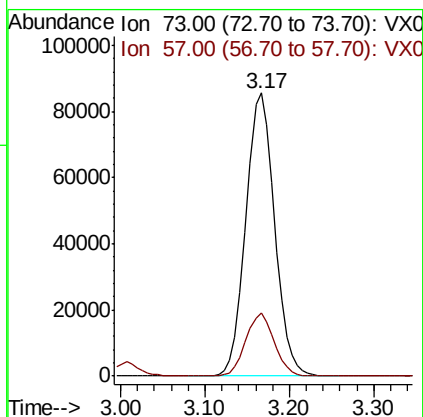
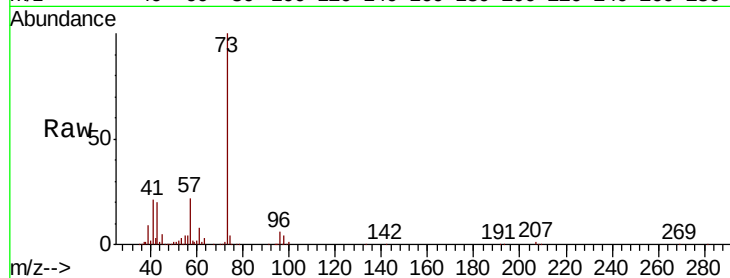


#19

Methyl tert-butyl Ether
 Concen: 18.674 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Instrument :
 MSVOA_X
 ClientSampled :

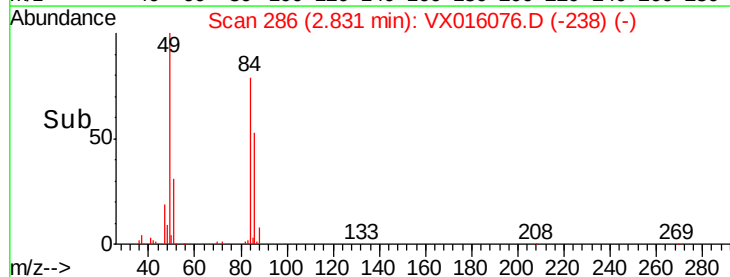
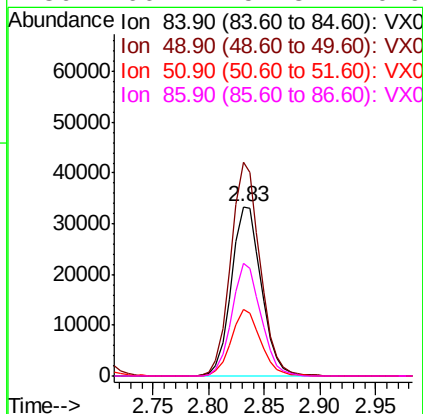
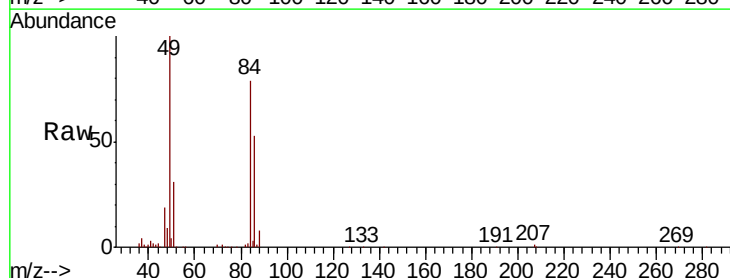
Tot Ion: 73 Resp: 196770
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.8 26.6

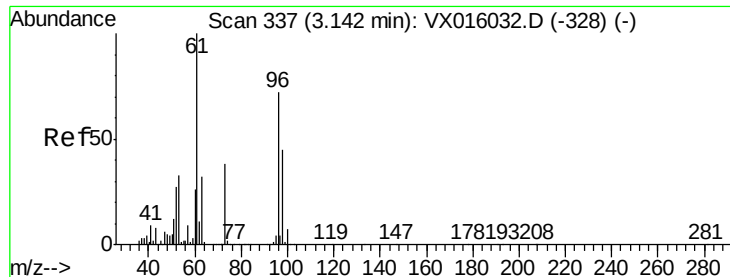


#20

Methylene Chloride
 Concen: 17.500 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Tgt Ion: 84 Resp: 62285
 Ion Ratio Lower Upper
 84 100
 49 126.0 97.3 145.9
 51 39.1 29.3 43.9
 86 66.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.386 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampled :

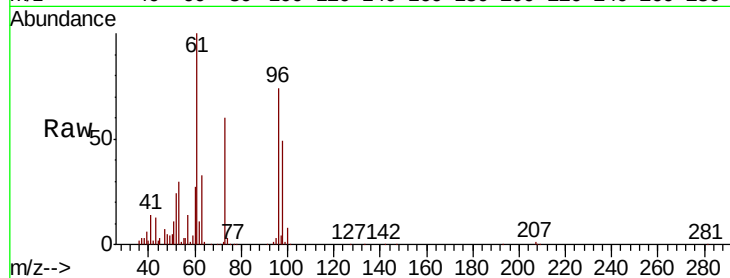
Tot Ion: 96 Resp: 59223

Ion Ratio Lower Upper

96 100

61 135.7 111.2 166.8

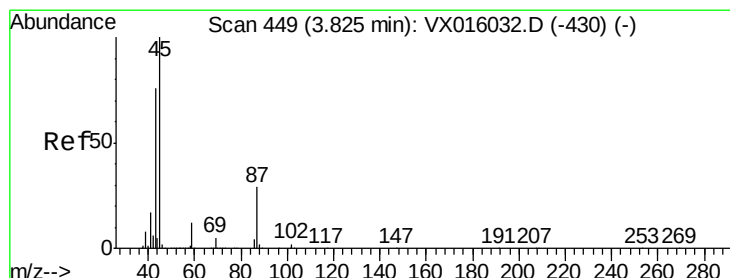
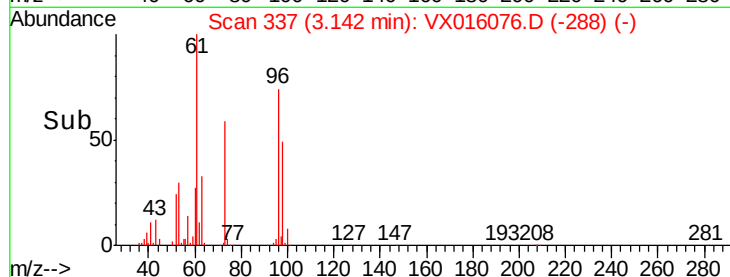
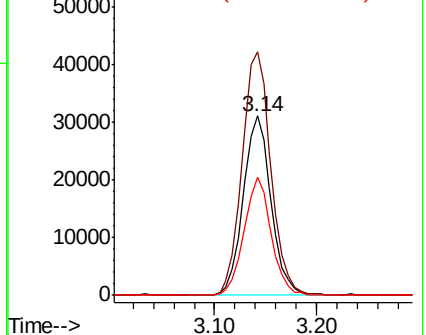
98 66.0 50.2 75.4



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: 18.557 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Tgt Ion: 45 Resp: 196213

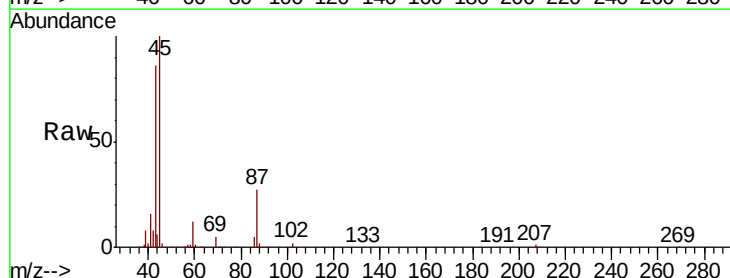
Ion Ratio Lower Upper

45 100

43 85.5 61.1 91.7

87 27.2 23.0 34.6

59 11.6 9.8 14.6

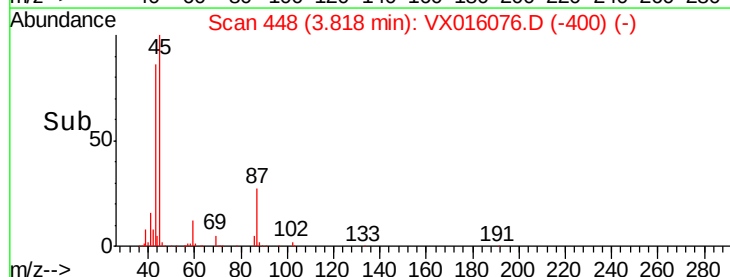
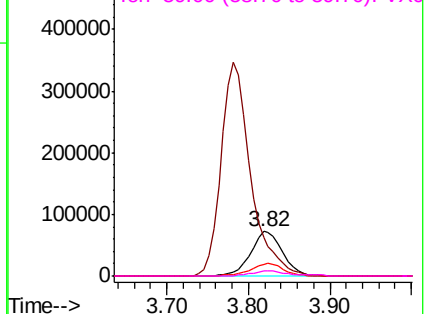


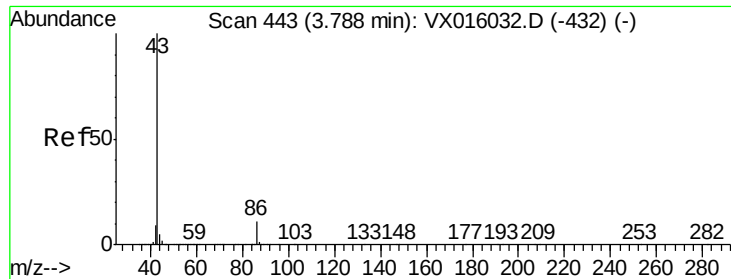
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 93.639 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

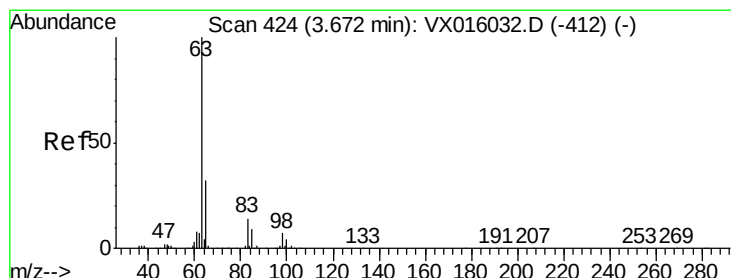
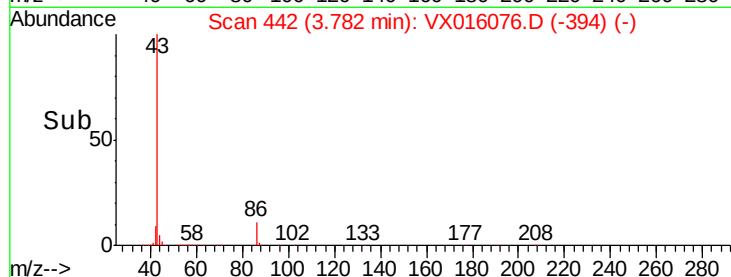
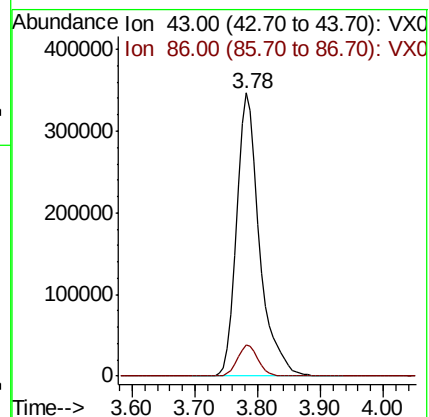
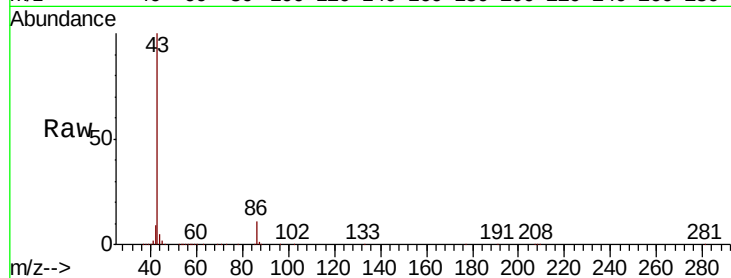
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 871066

Ion Ratio Lower Upper

43 100

86 11.1 9.0 13.4



#24

1,1-Dichloroethane

Concen: 18.247 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

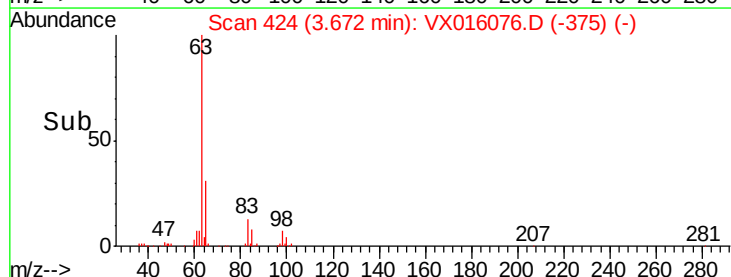
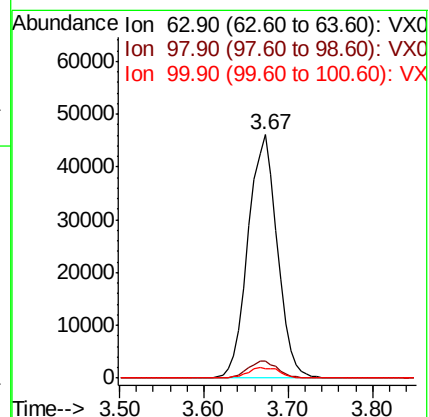
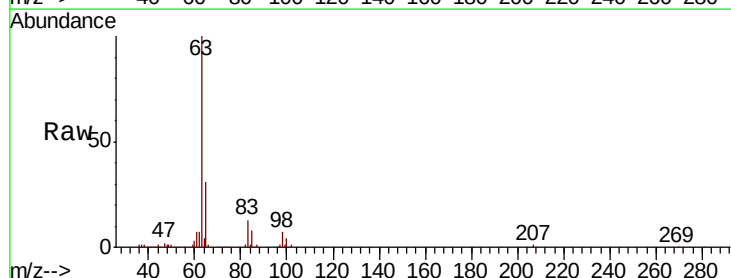
Tgt Ion: 63 Resp: 107925

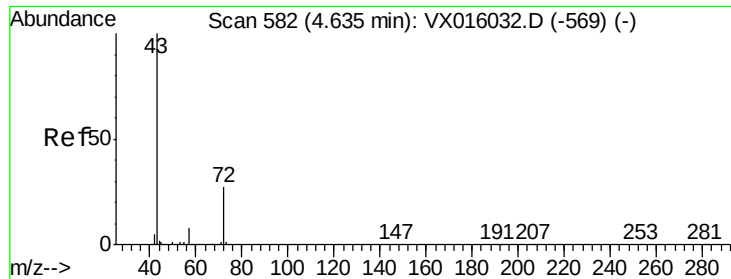
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 3.8 2.1 6.5





#25

2-Butanone

Concen: 91.273 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

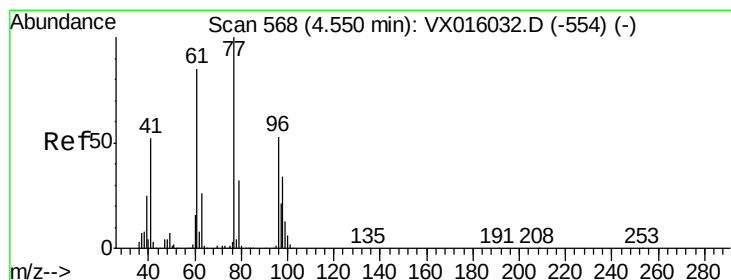
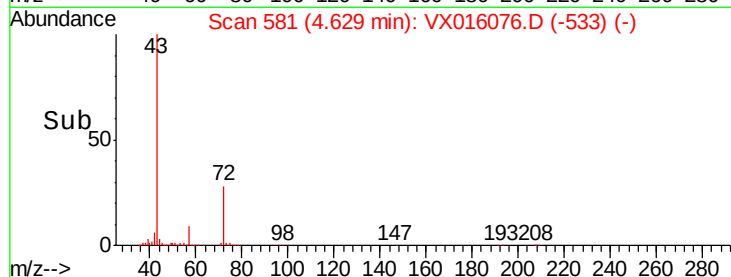
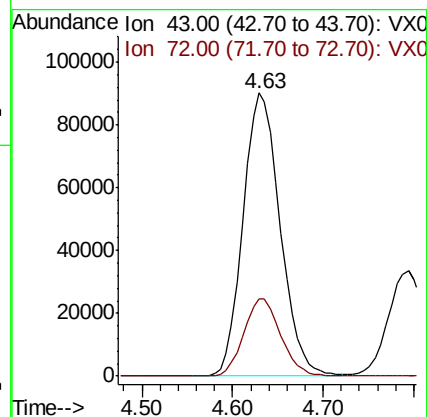
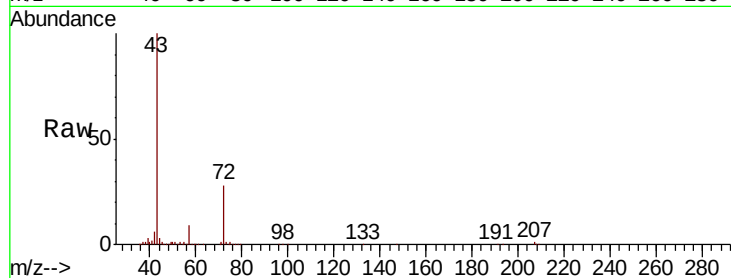
ClientSampleId :

Tot Ion: 43 Resp: 253929

Ion Ratio Lower Upper

43 100

72 27.4 21.8 32.8



#26

2,2-Dichloropropane

Concen: 17.921 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016076.D

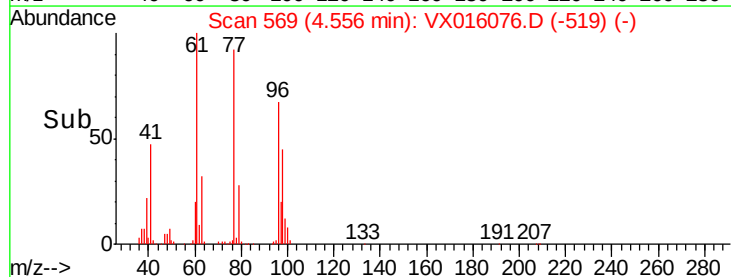
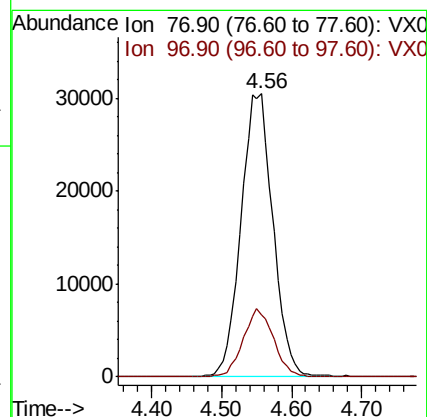
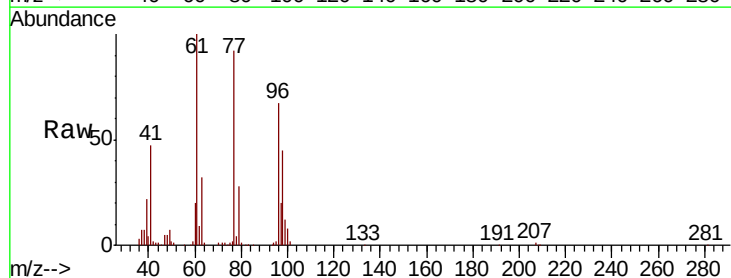
Acq: 06 May 2020 12:19

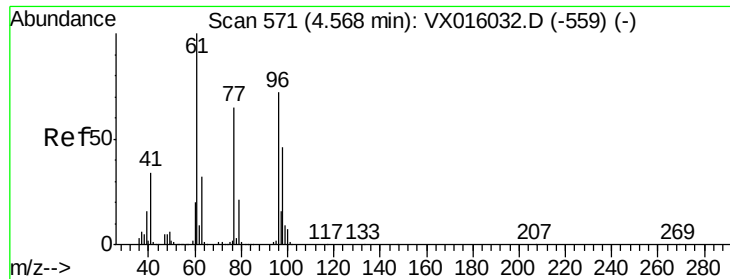
Tgt Ion: 77 Resp: 96801

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.6



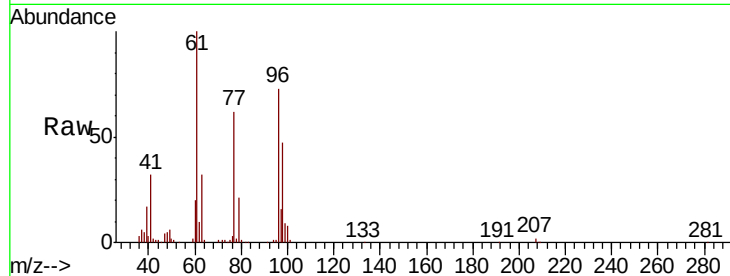


#27

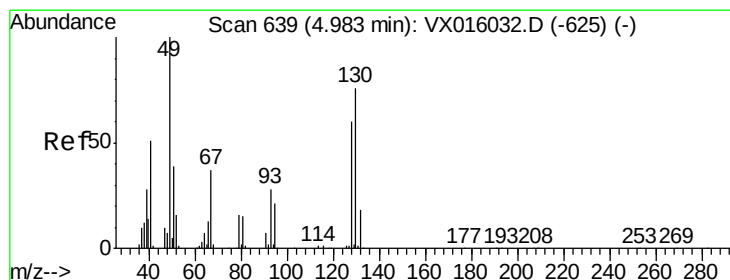
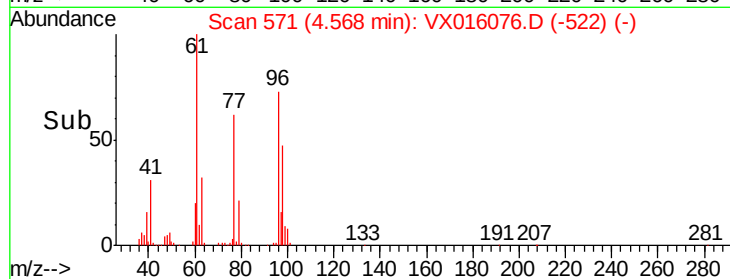
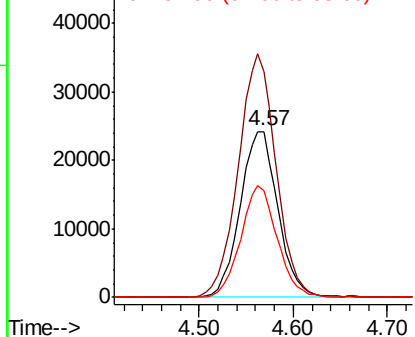
cis-1,2-Dichloroethene
Concen: 18.097 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	296.2
98	65.1	0.0	129.4



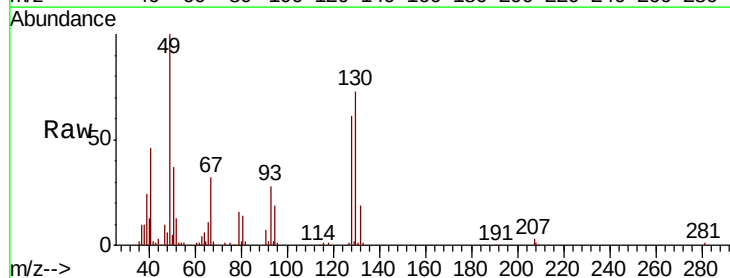
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



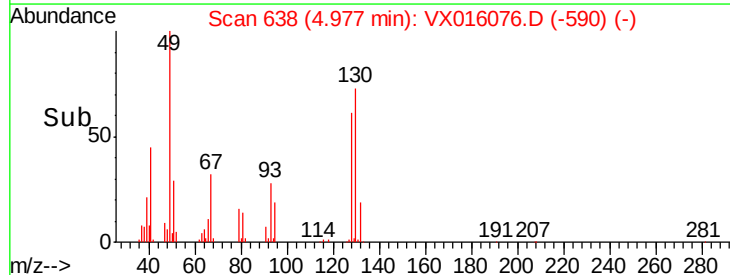
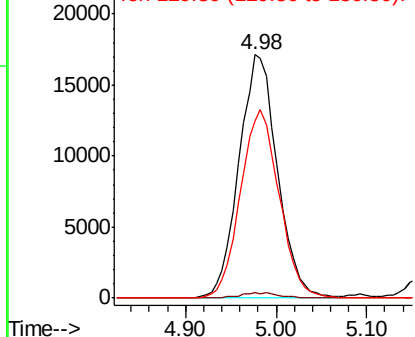
#28

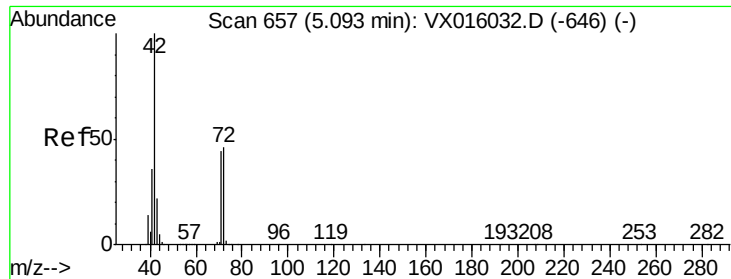
Bromochloromethane
Concen: 18.714 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	77.8	62.4	93.6



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





#29

Tetrahydrofuran

Concen: 90.929 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

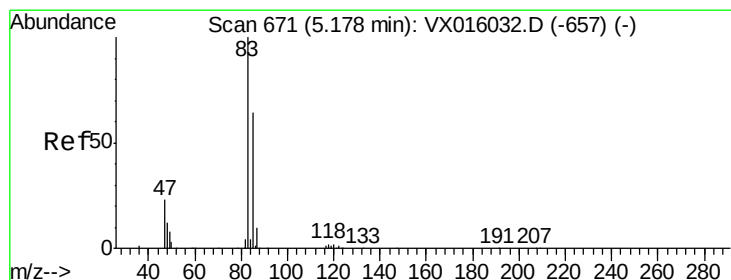
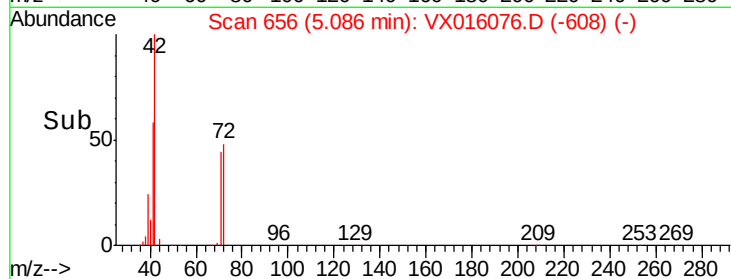
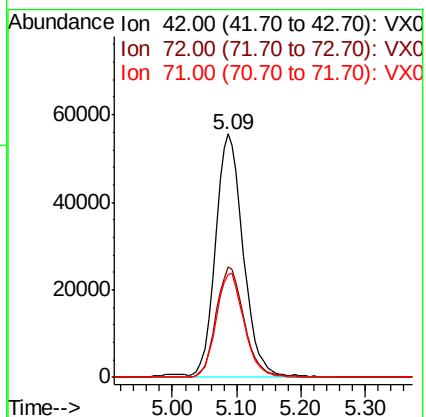
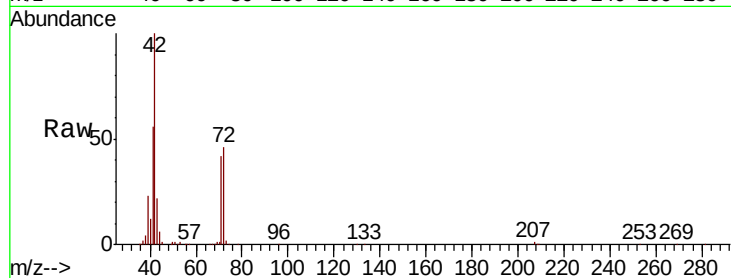
Tot Ion: 42 Resp: 167620

Ion Ratio Lower Upper

42 100

72 46.3 37.1 55.7

71 43.3 34.5 51.7



#30

Chloroform

Concen: 18.308 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016076.D

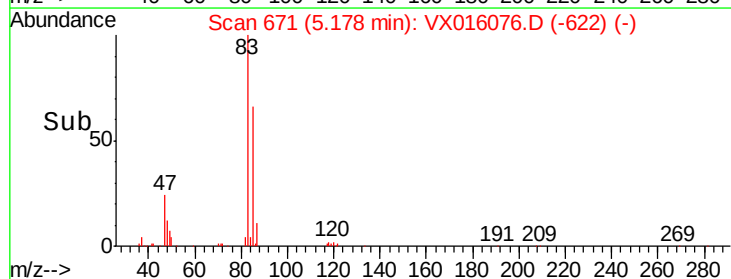
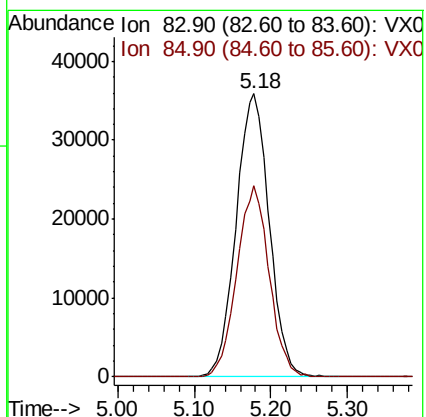
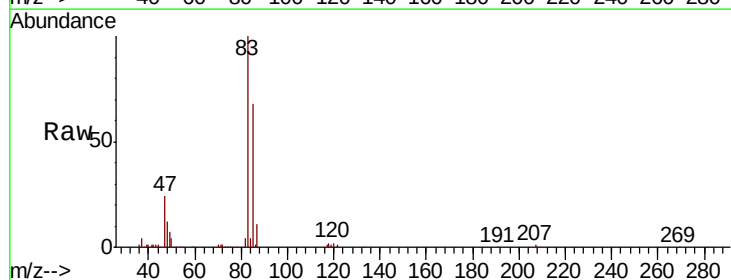
Acq: 06 May 2020 12:19

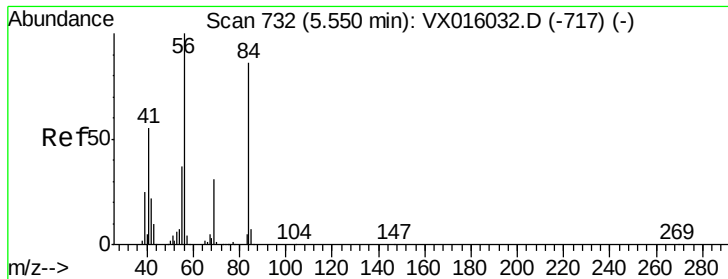
Tgt Ion: 83 Resp: 107817

Ion Ratio Lower Upper

83 100

85 67.5 51.6 77.4

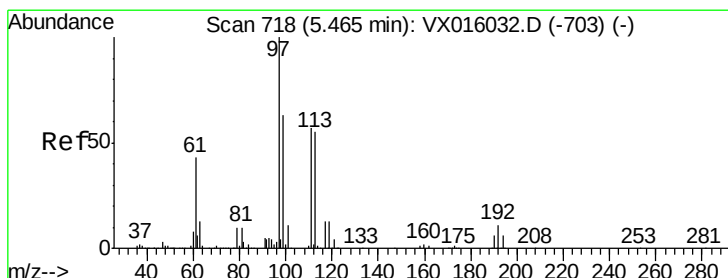
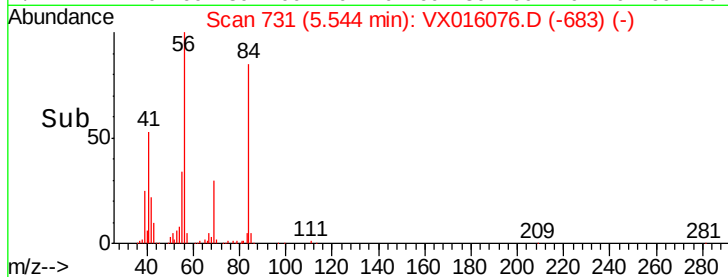
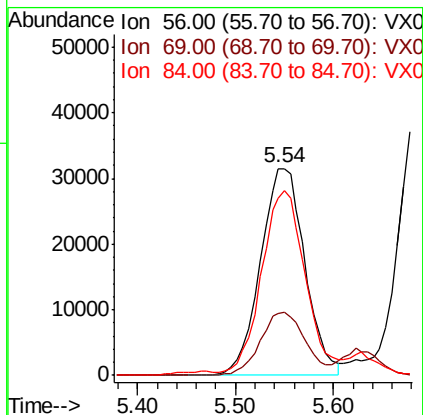
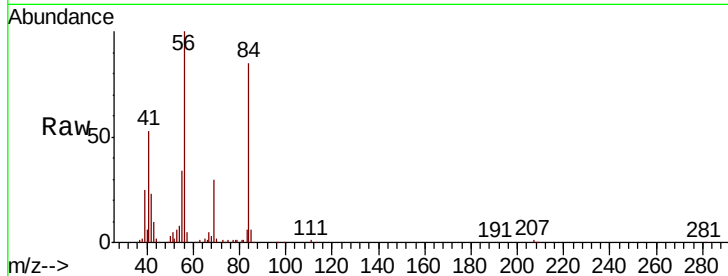




#31
Cyclohexane
Concen: 18.513 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

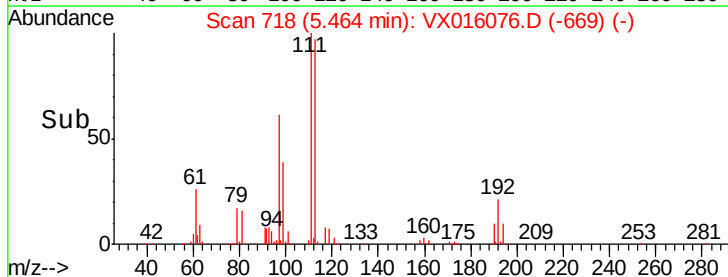
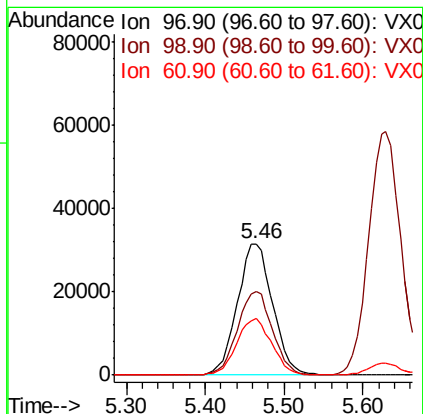
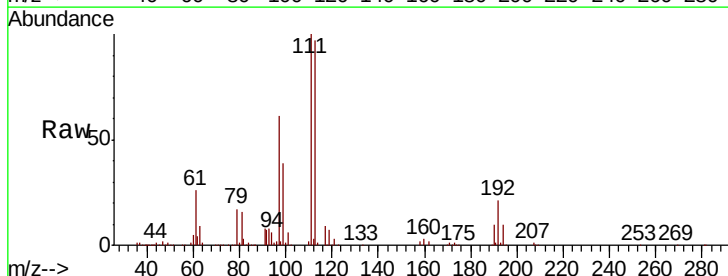
Instrument :
MSVOA_X
ClientSampleId :

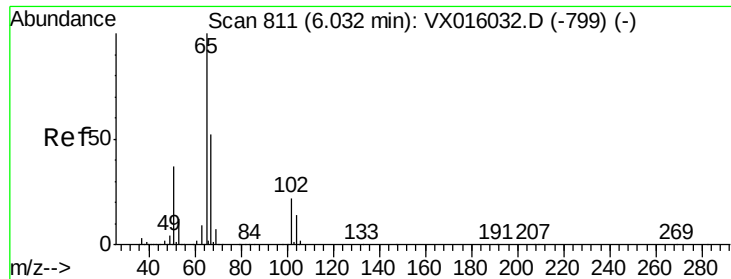
Tot Ion: 56 Resp: 99514
Ion Ratio Lower Upper
56 100
69 30.0 25.0 37.6
84 83.6 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 18.274 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion: 97 Resp: 97823
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 43.1 34.5 51.7

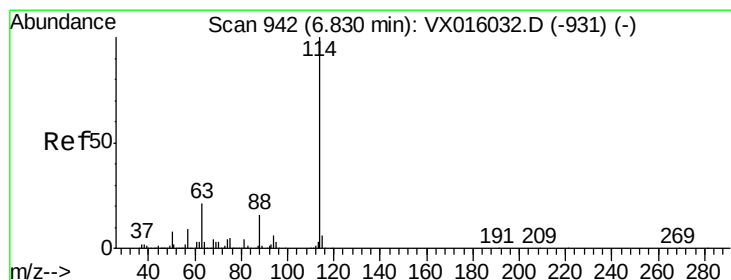
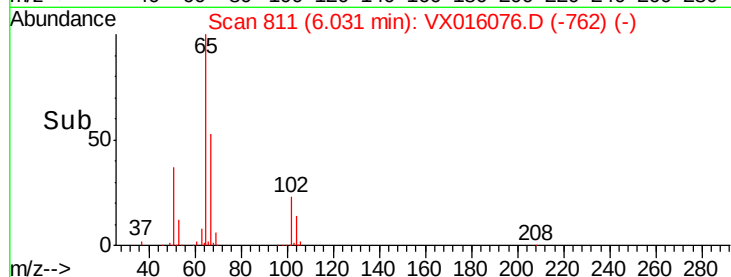
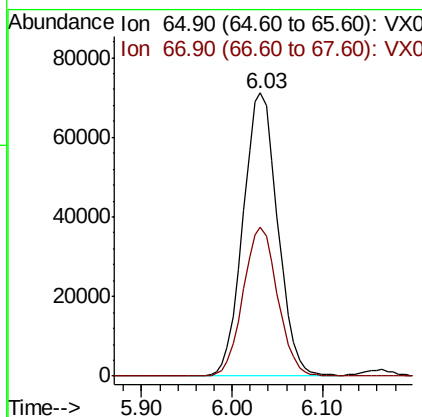
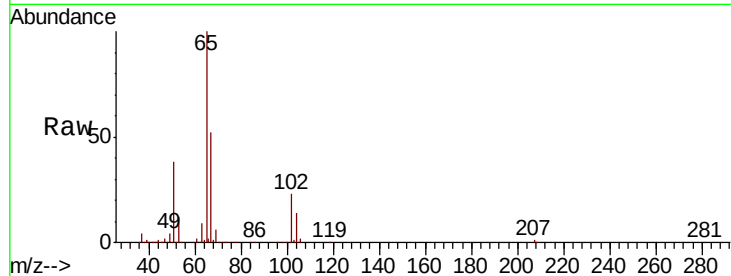




#33
 1,2-Dichloroethane-d4
 Concen: 48.575 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

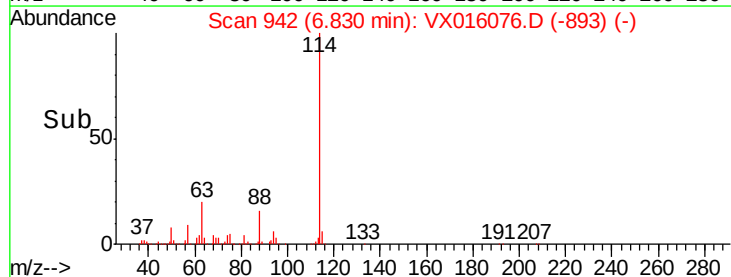
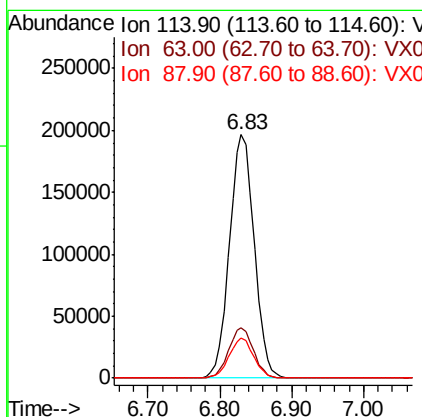
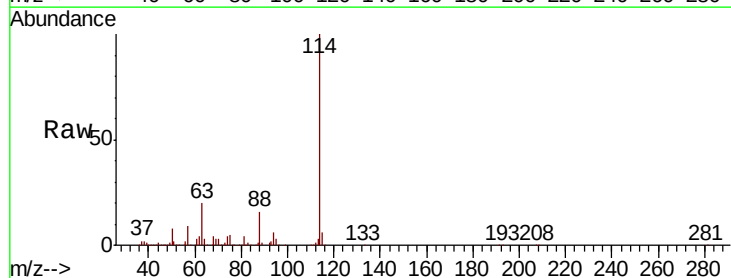
Instrument :
 MSVOA_X
 ClientSampleId :

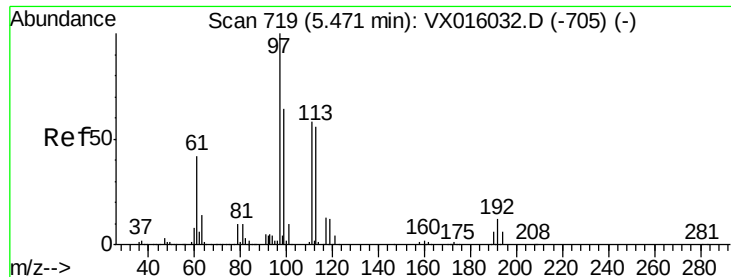
Tot Ion: 65 Resp: 187959
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Tgt Ion: 114 Resp: 469204
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.8
 88 16.2 0.0 31.4

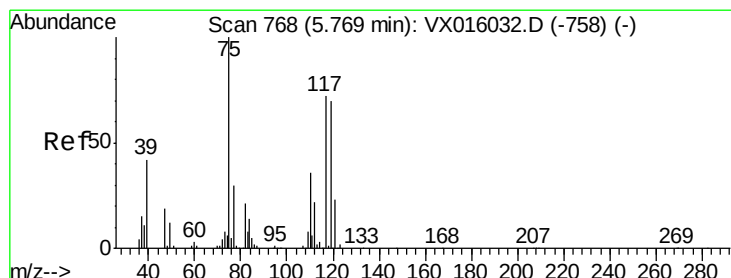
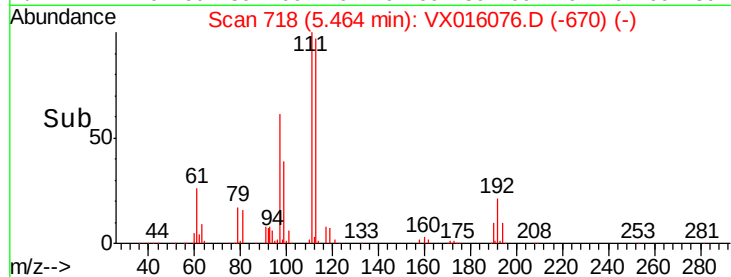
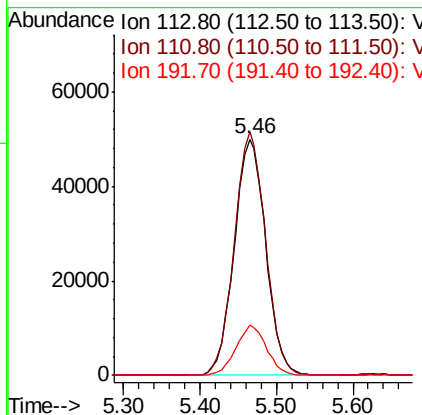
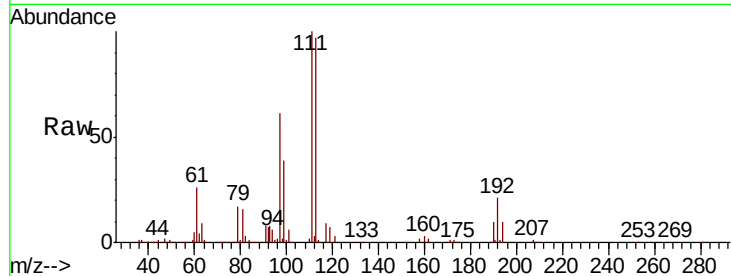




#35
Dibromofluoromethane
Concen: 47.930 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

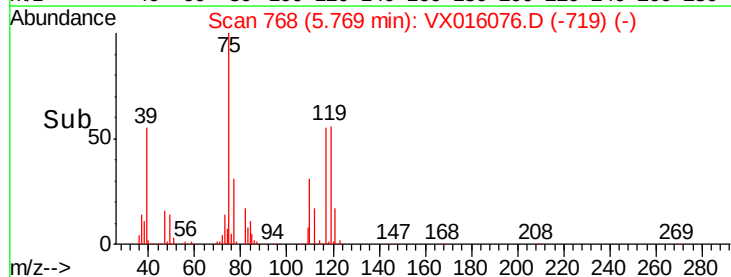
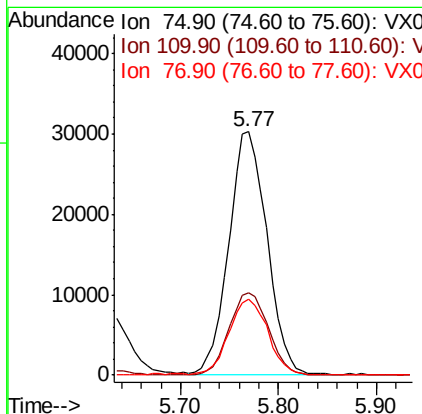
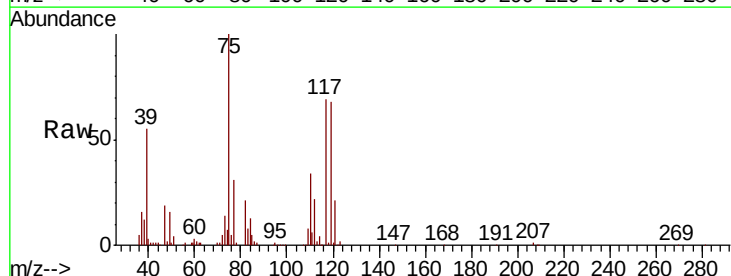
Instrument :
MSVOA_X
ClientSampleId :

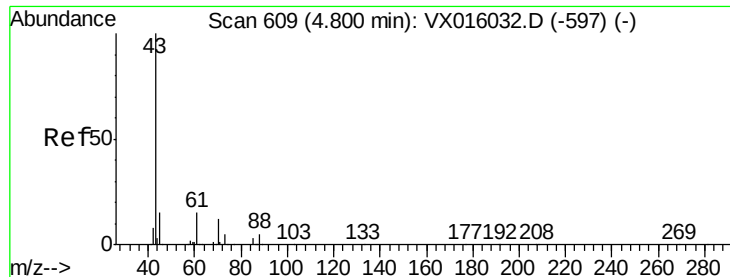
Tot Ion:113 Resp: 142478
Ion Ratio Lower Upper
113 100
111 102.4 81.6 122.4
192 20.7 17.0 25.4



#36
1,1-Dichloropropene
Concen: 17.699 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion: 75 Resp: 81747
Ion Ratio Lower Upper
75 100
110 35.1 18.1 54.1
77 32.0 25.0 37.6

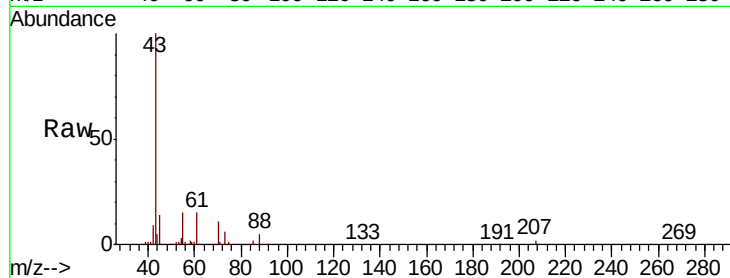




#37
Ethyl Acetate
Concen: 18.290 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	43	Resp	97907
Ion Ratio	Lower	Upper	
43	100		
61	14.3	11.7	17.5
70	11.6	9.3	13.9

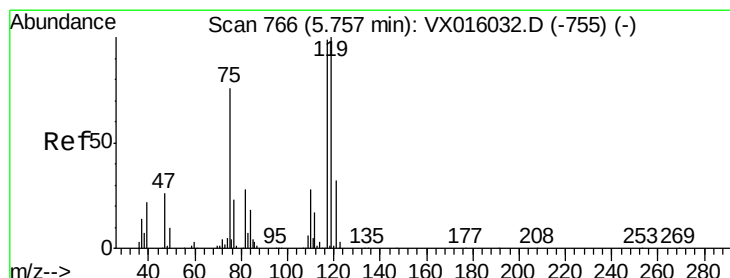
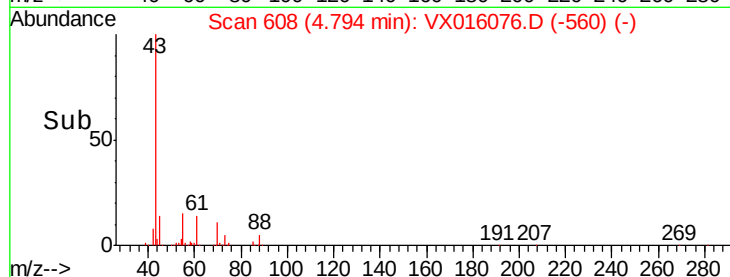
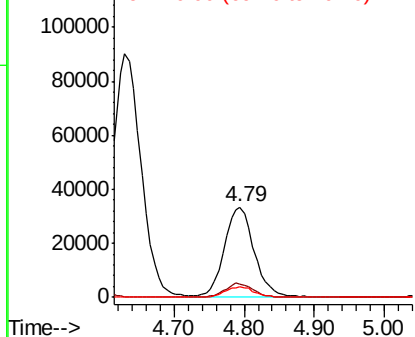


Abundance

Ion 43.00 (42.70 to 43.70): VX0

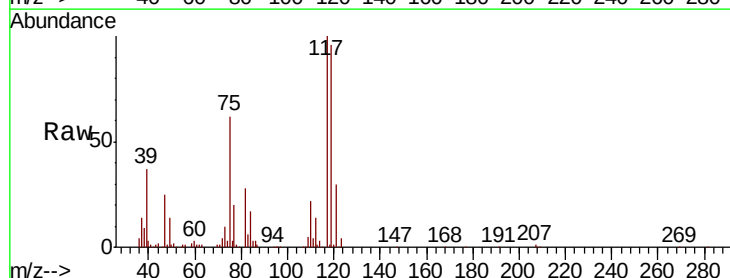
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 18.111 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion	117	Resp	85023
Ion Ratio	Lower	Upper	
117	100		
119	95.6	80.3	120.5
121	30.0	25.7	38.5

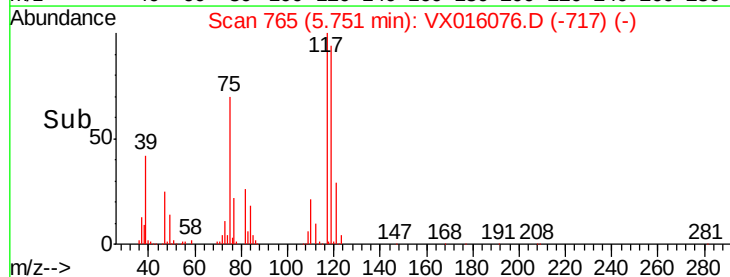
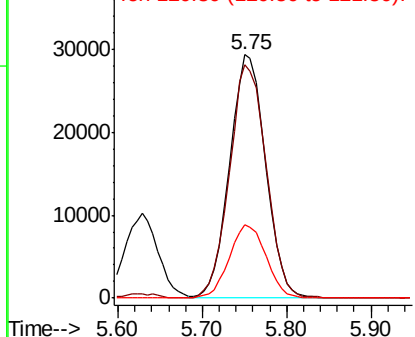


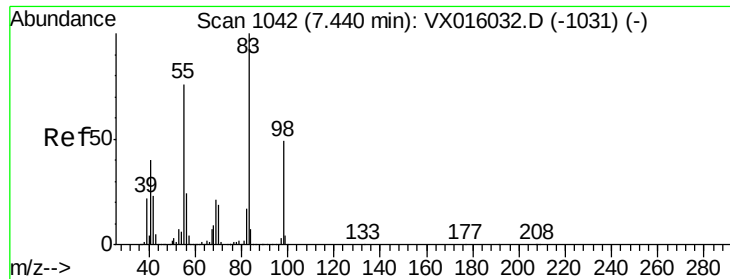
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

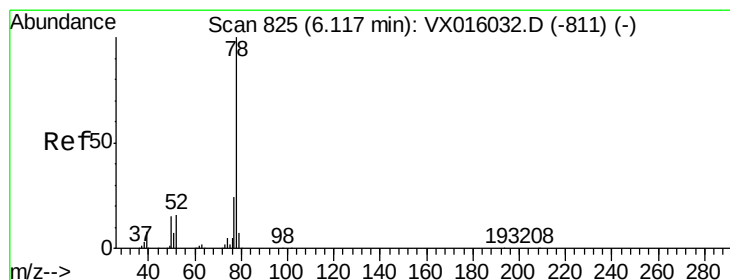
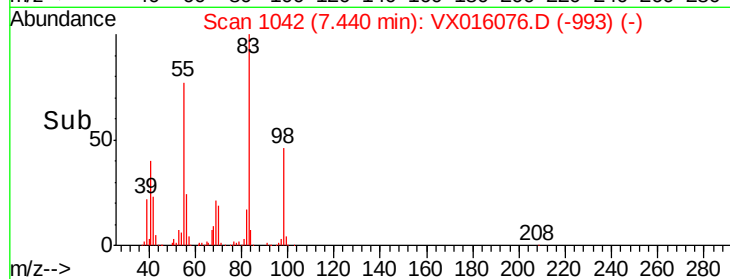
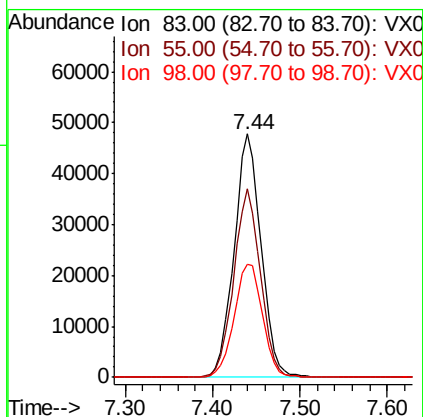
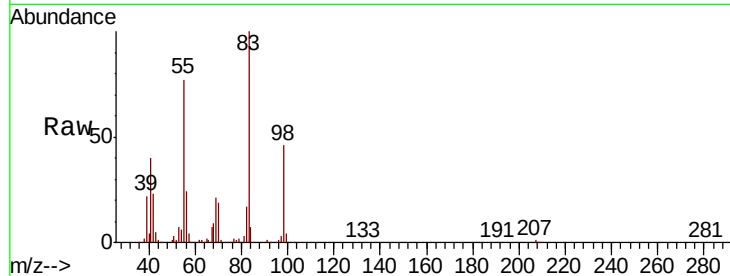




#39
Methylvlcyclohexane
Concen: 18.440 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

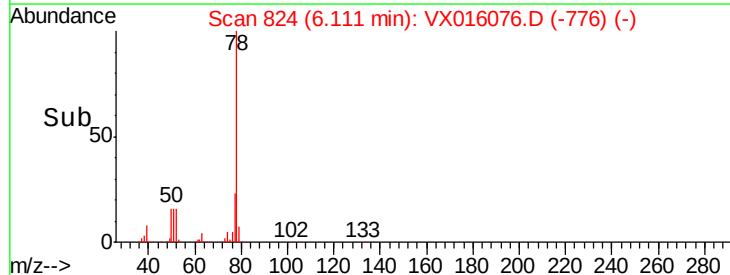
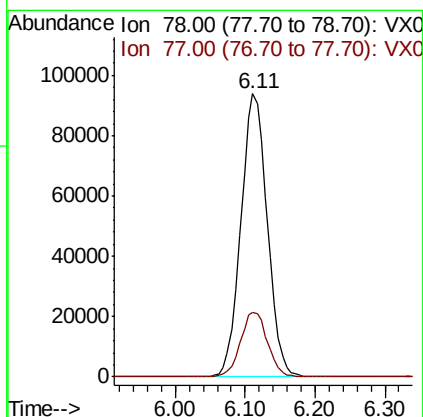
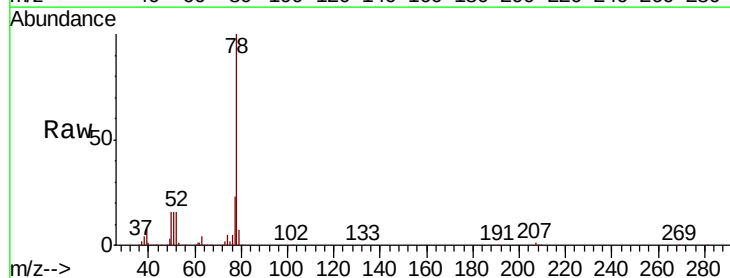
Instrument :
MSVOA_X
ClientSampleId :

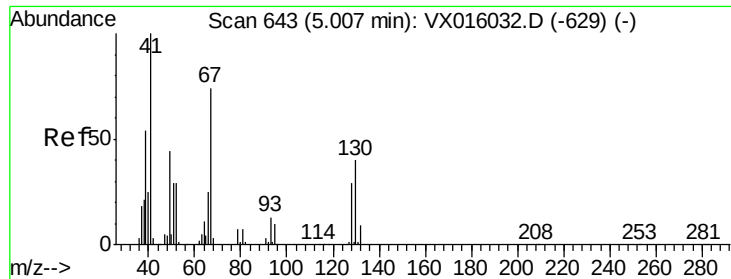
Tot Ion: 83 Resp: 102564
Ion Ratio Lower Upper
83 100
55 77.1 61.1 91.7
98 46.3 39.0 58.4



#40
Benzene
Concen: 18.212 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion: 78 Resp: 246118
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4

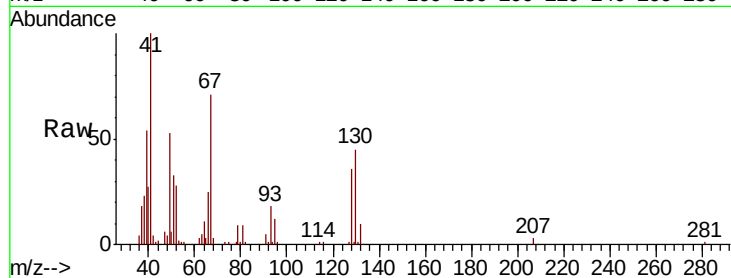




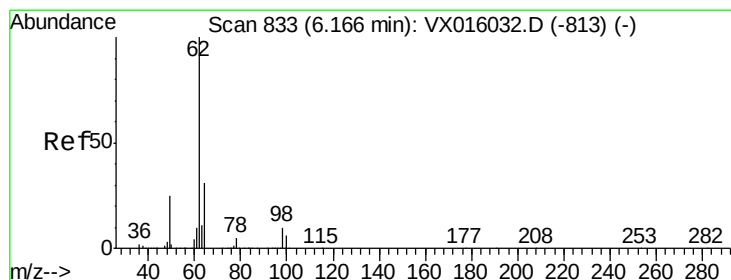
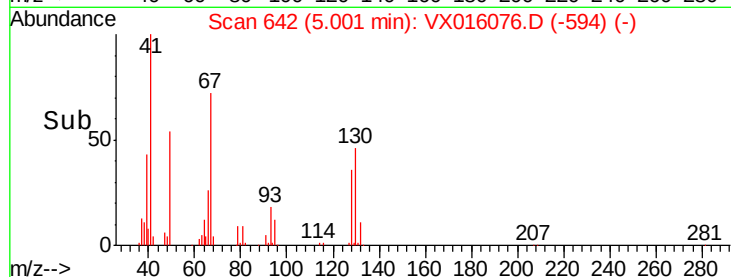
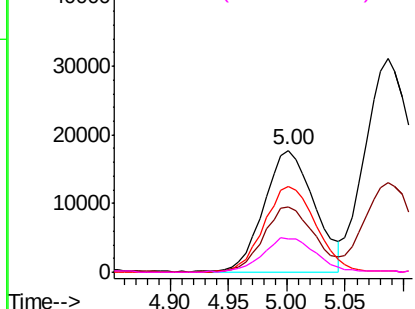
#41
Methacrylonitrile
Concen: 18.356 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	53066
Ion	Ratio	Lower	Upper
41	100		
39	55.1	43.2	64.8
67	73.5	59.3	88.9
52	30.1	23.5	35.3

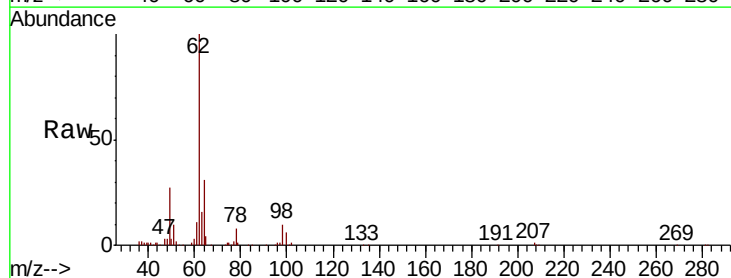


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

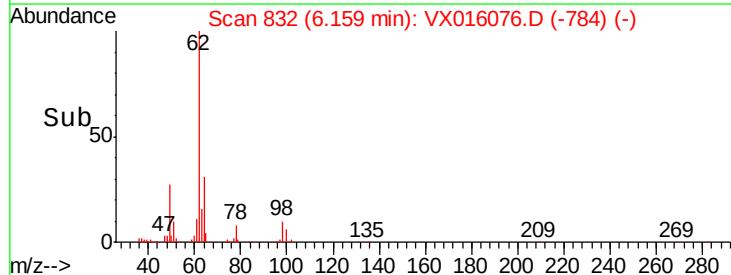
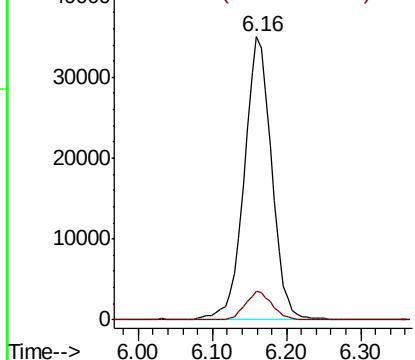


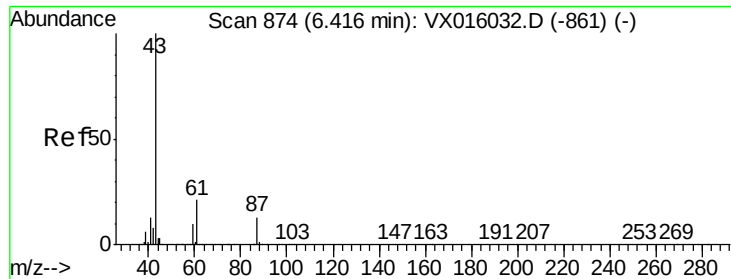
#42
1,2-Dichloroethane
Concen: 18.564 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion:	62	Resp:	90373
Ion	Ratio	Lower	Upper
62	100		
98	9.7	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: 18.424 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

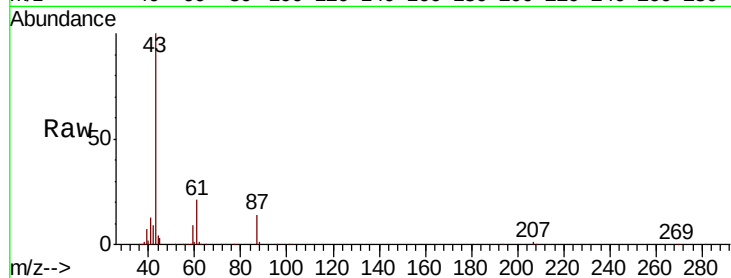
Tot Ion: 43 Resp: 157359

Ion Ratio Lower Upper

43 100

61 21.4 17.0 25.4

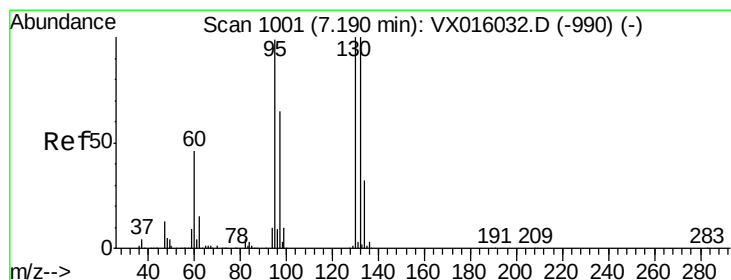
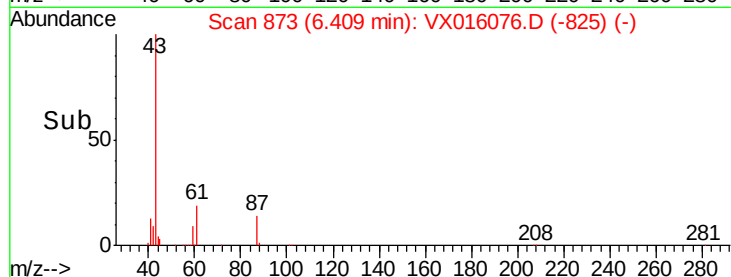
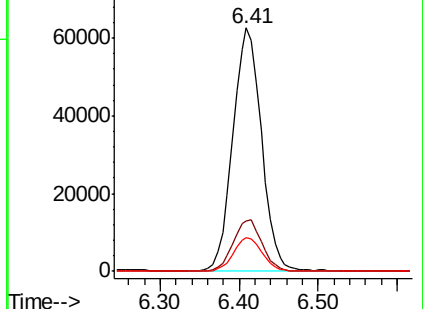
87 14.0 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.337 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016076.D

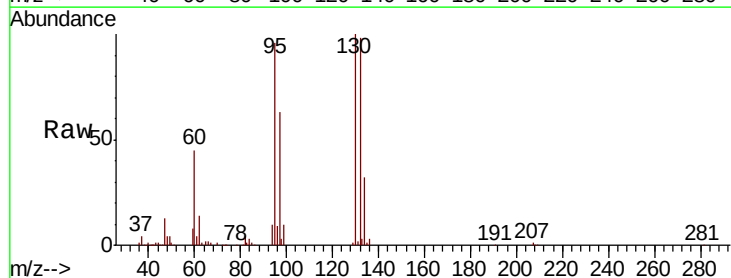
Acq: 06 May 2020 12:19

Tgt Ion: 130 Resp: 88037

Ion Ratio Lower Upper

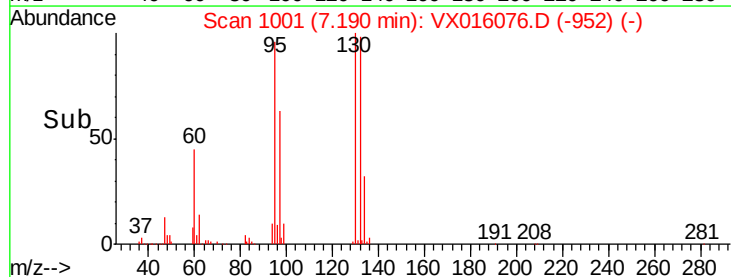
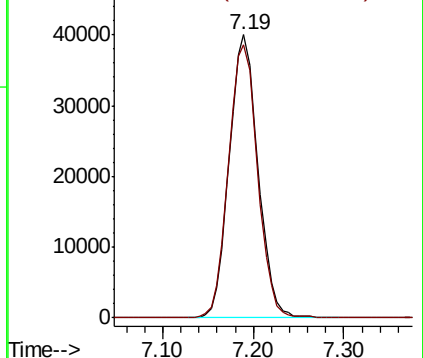
130 100

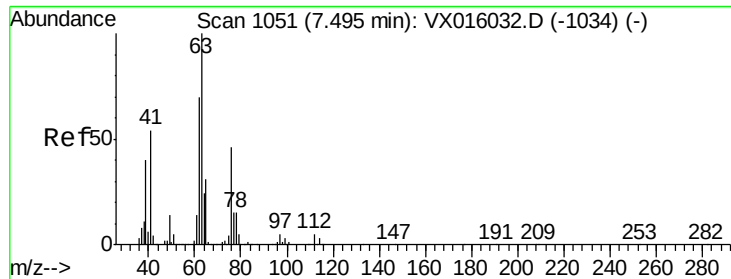
95 96.4 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.842 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

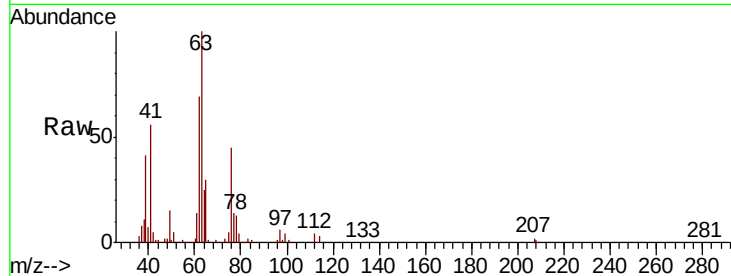
ClientSampleId :

Tot Ion: 63 Resp: 64431

Ion Ratio Lower Upper

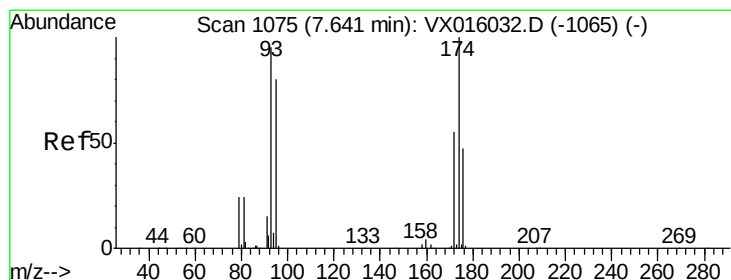
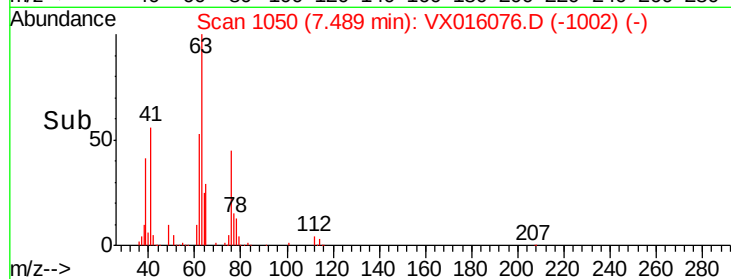
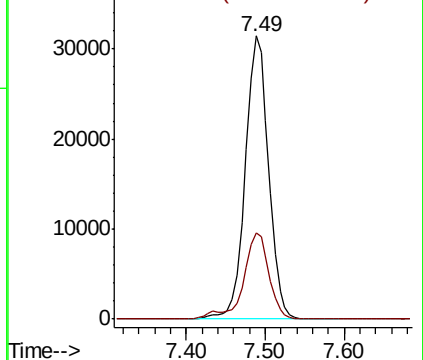
63 100

65 30.2 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.456 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

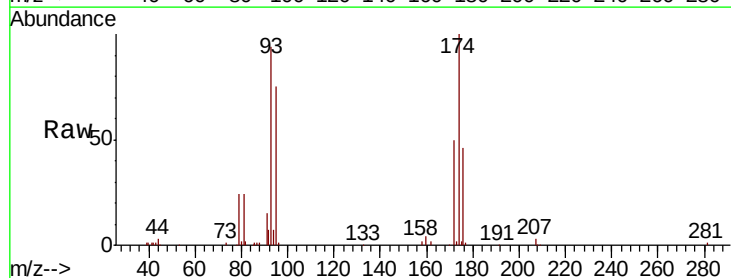
Tgt Ion: 93 Resp: 42888

Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

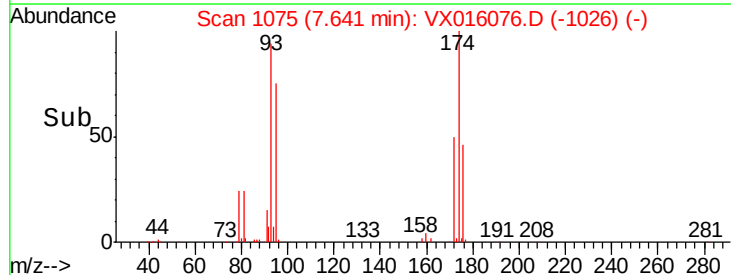
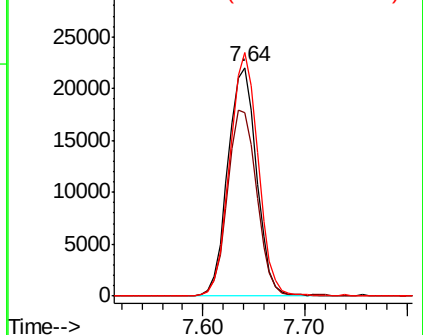
174 105.1 84.2 126.4

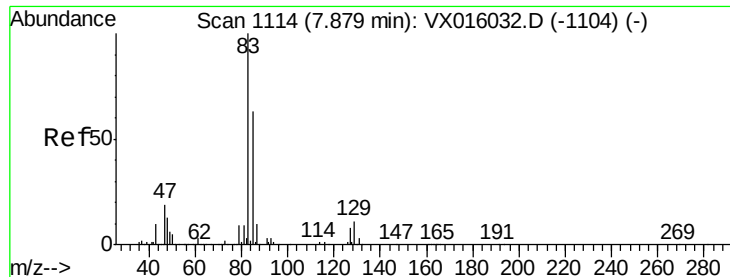


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.648 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

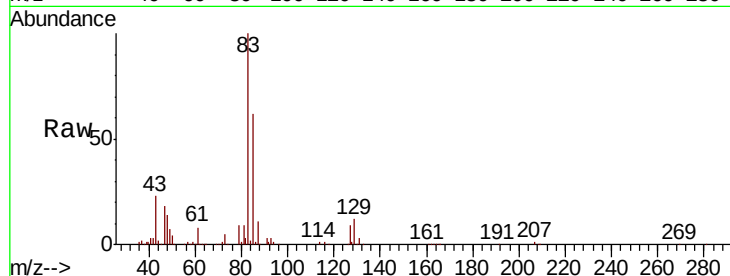
Tot Ion: 83 Resp: 88257

Ion Ratio Lower Upper

83 100

85 61.5 50.5 75.7

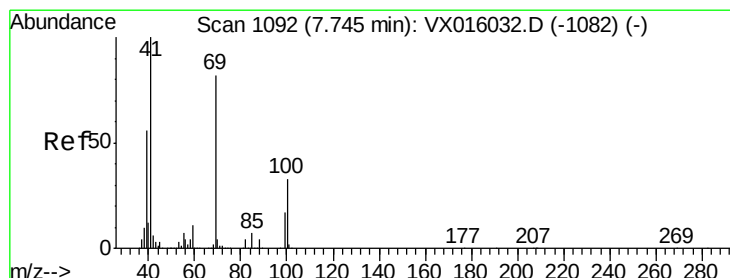
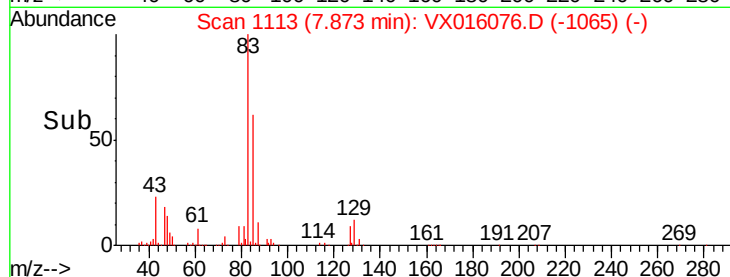
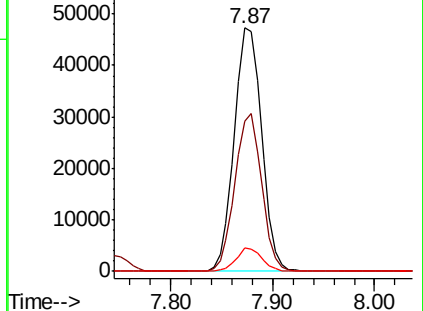
127 9.5 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.923 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

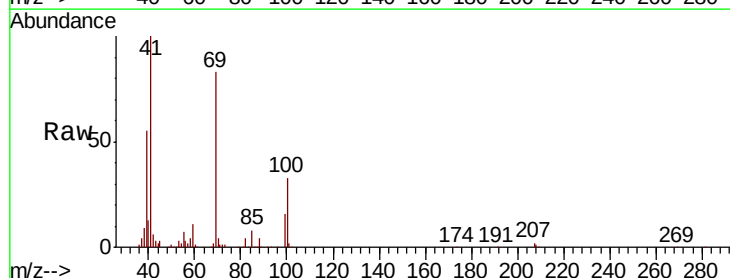
Tgt Ion: 41 Resp: 72536

Ion Ratio Lower Upper

41 100

69 85.7 67.8 101.6

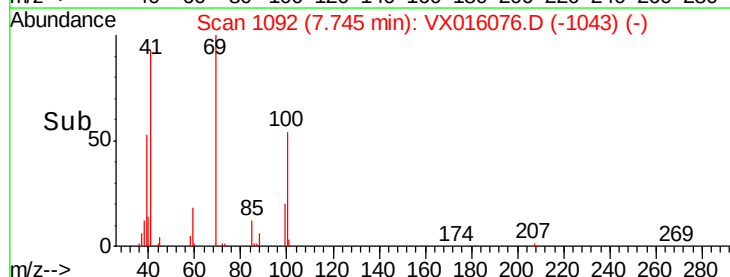
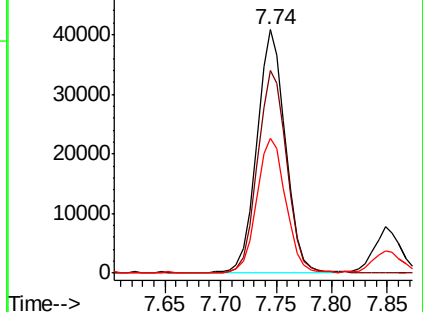
39 56.0 44.6 67.0

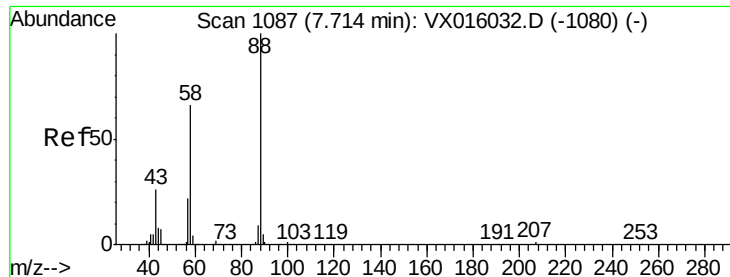


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 360.232 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :

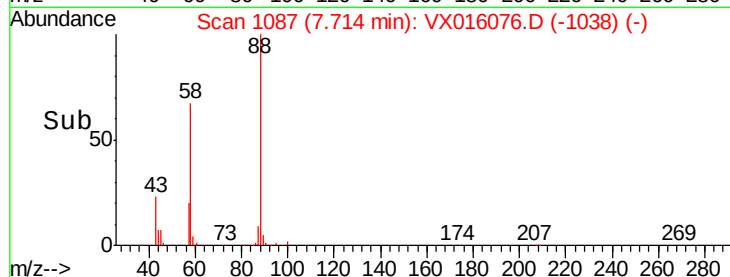
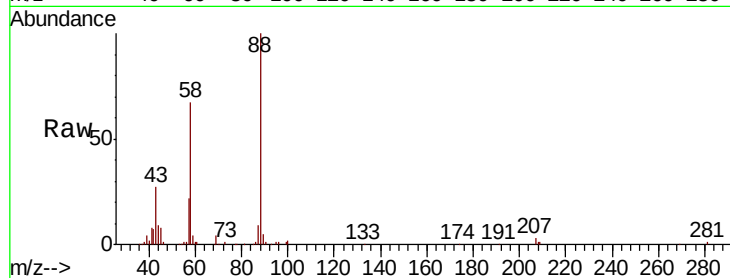
Tot Ion: 88 Resp: 34966

Ion Ratio Lower Upper

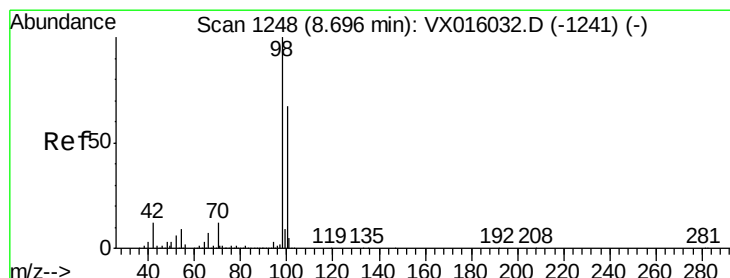
88 100

43 32.3 25.3 37.9

58 71.2 55.9 83.9



Time-->



#50

Toluene-d8

Concen: 48.992 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016076.D

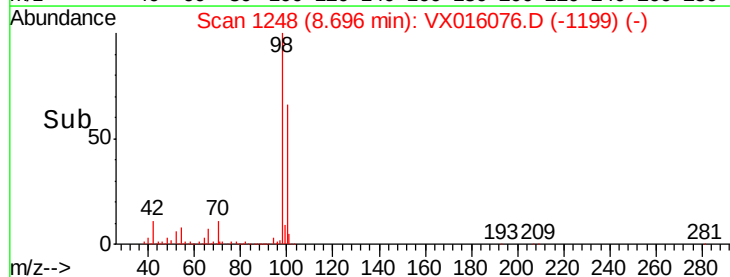
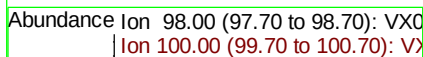
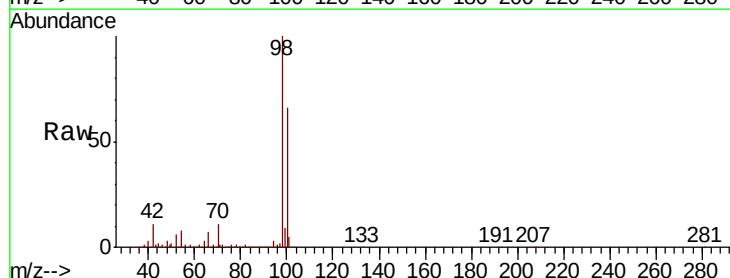
Acq: 06 May 2020 12:19

Tgt Ion: 98 Resp: 561135

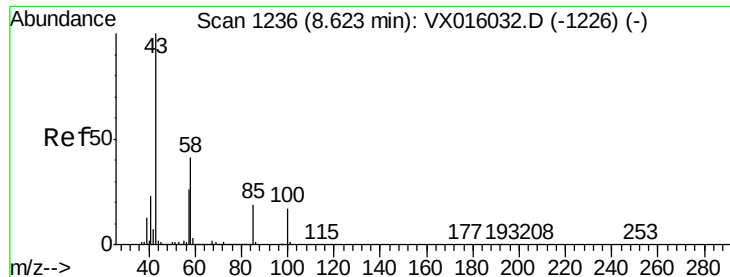
Ion Ratio Lower Upper

98 100

100 66.5 53.7 80.5



Time-->



#51

4-Methyl-2-Pentanone

Concen: 93.122 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

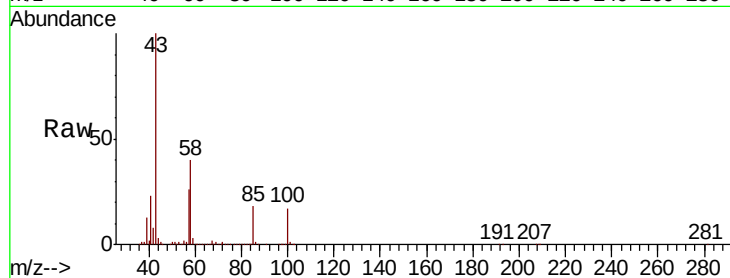
ClientSampleId :

Tot Ion: 43 Resp: 486718

Ion Ratio Lower Upper

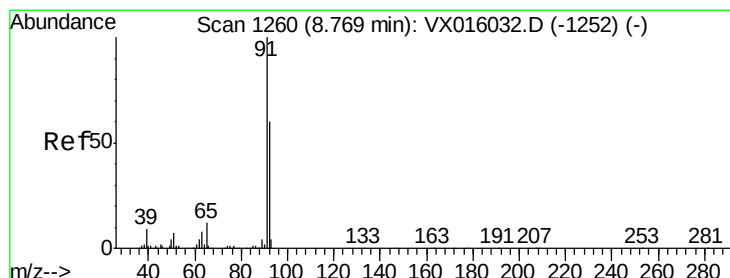
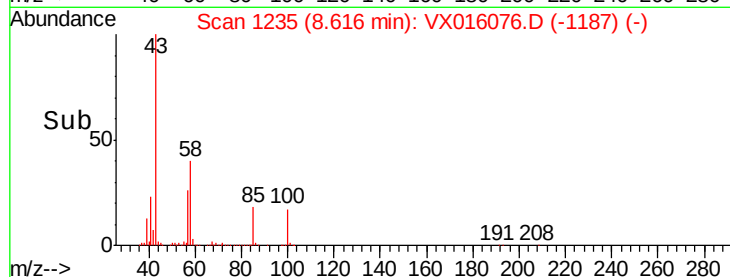
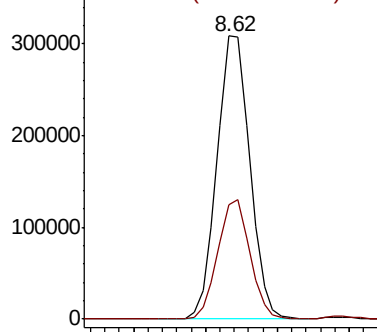
43 100

58 41.1 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.589 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016076.D

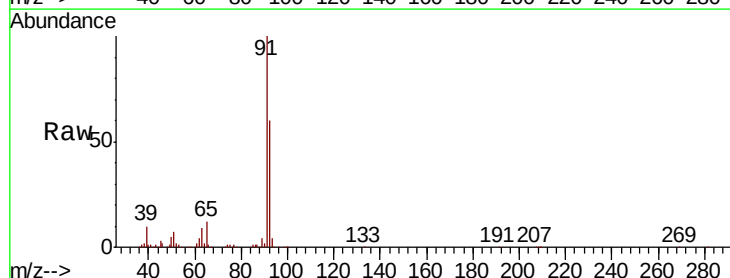
Acq: 06 May 2020 12:19

Tgt Ion: 92 Resp: 156584

Ion Ratio Lower Upper

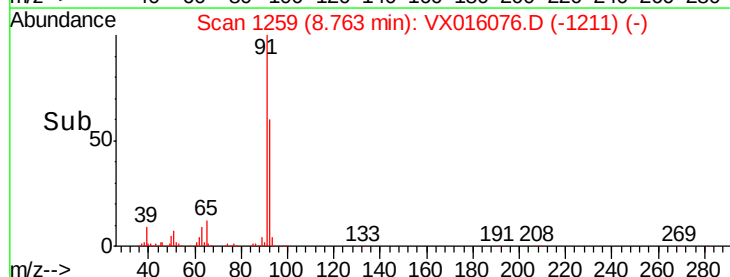
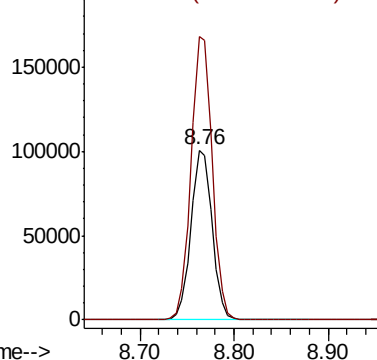
92 100

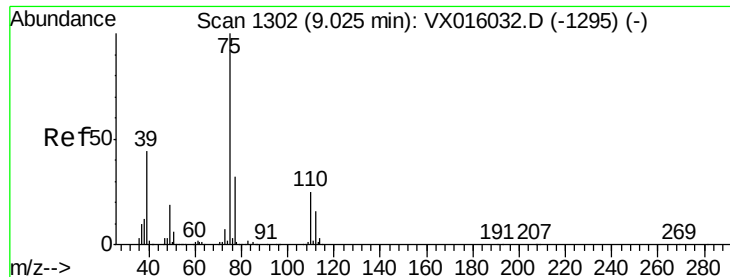
91 167.4 134.5 201.7



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: 18.277 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

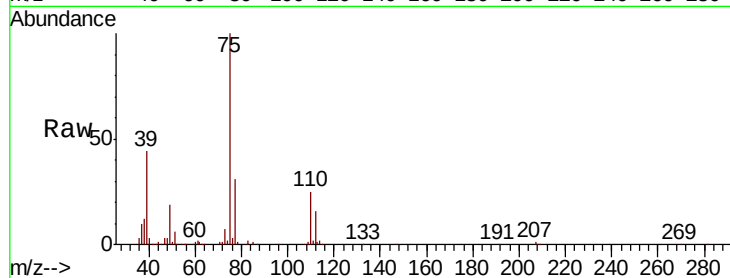
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 103134

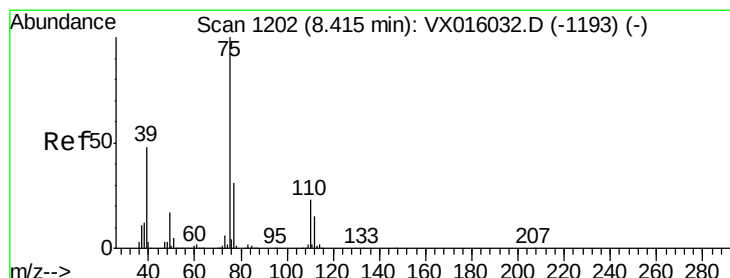
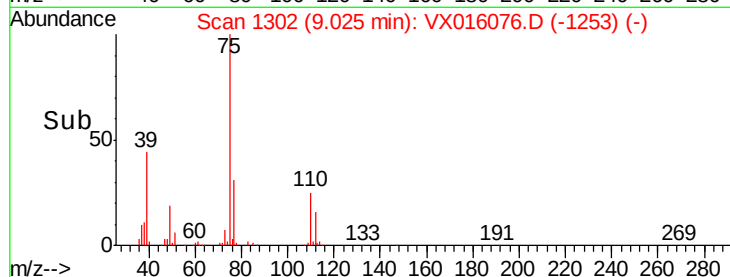
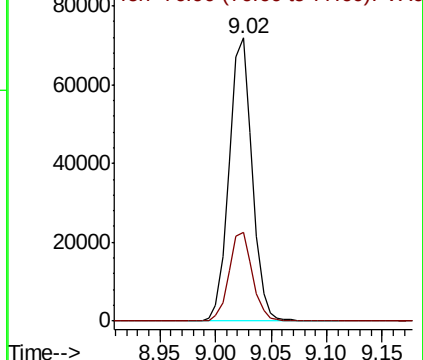
Ion Ratio Lower Upper

75 100

77 31.5 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: 18.287 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

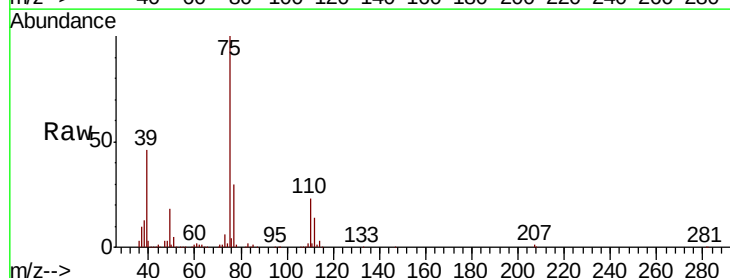
Tgt Ion: 75 Resp: 107787

Ion Ratio Lower Upper

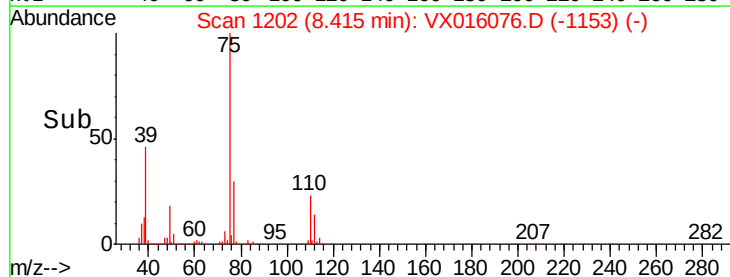
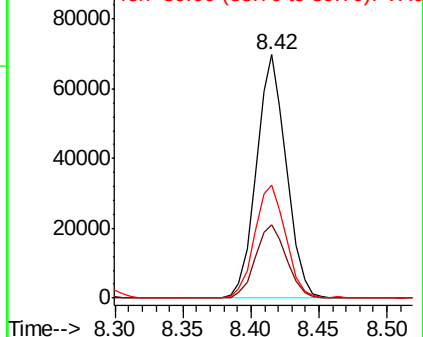
75 100

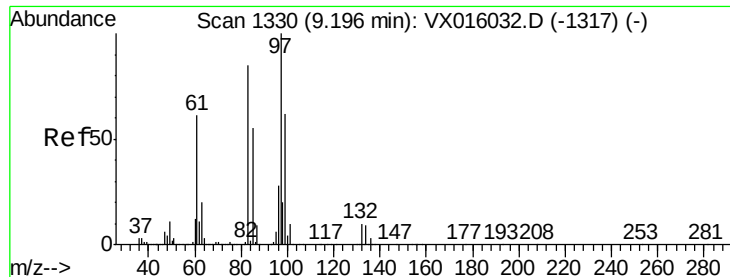
77 30.4 24.7 37.1

39 46.0 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0

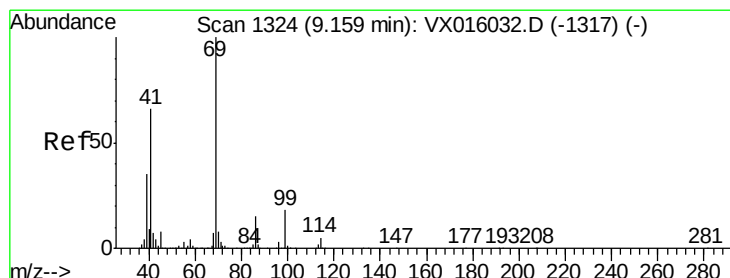
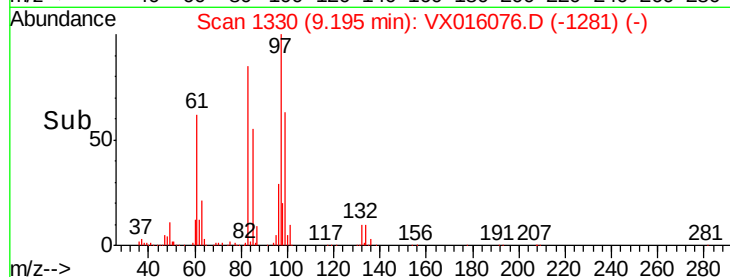
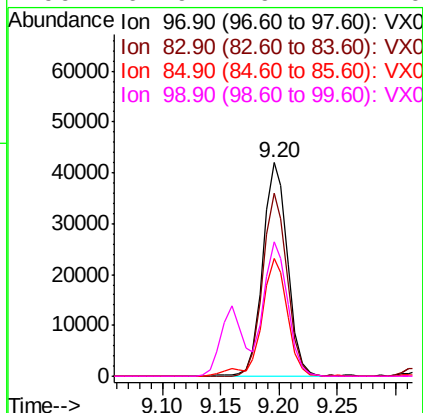
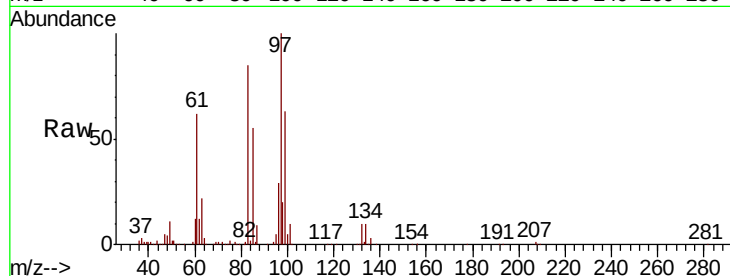




#55
 1,1,2-Trichloroethane
 Concen: 18.849 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

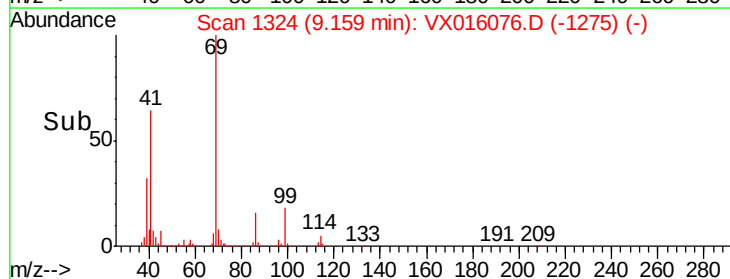
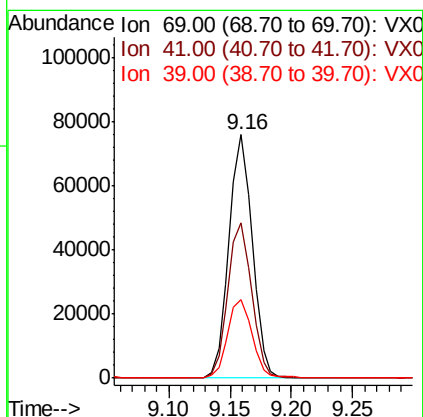
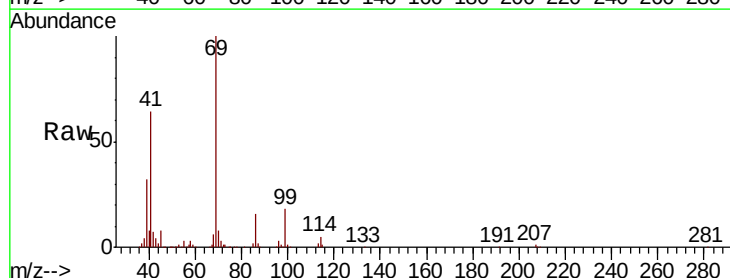
Instrument :
 MSVOA_X
 ClientSampleId :

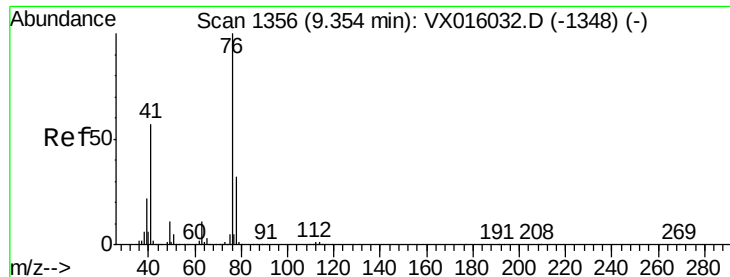
Tot Ion:	97	Resp:	62467
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.8	101.8
85	55.4	43.8	65.8
99	62.9	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 18.631 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Tgt Ion:	69	Resp:	100789
Ion	Ratio	Lower	Upper
69	100		
41	64.5	52.2	78.4
39	34.0	28.2	42.4





#57

1,3-Dichloropropane

Concen: 18.777 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

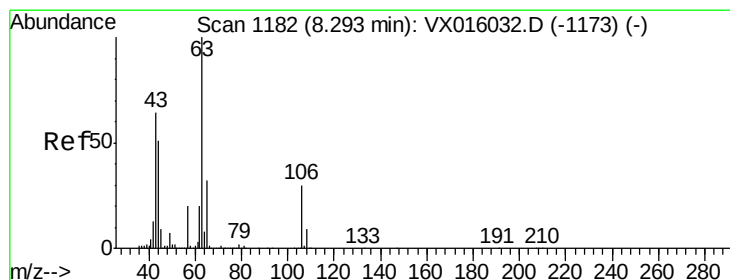
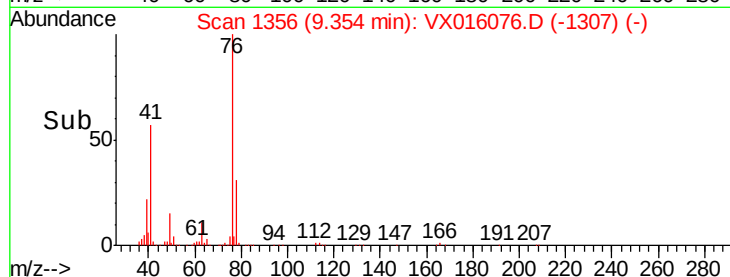
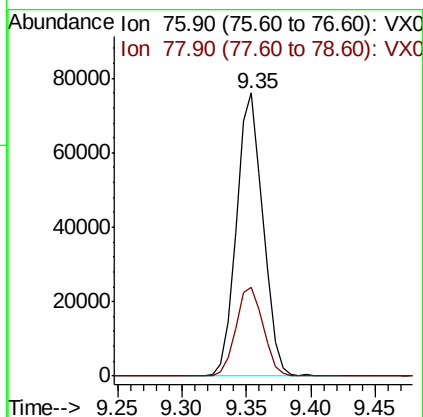
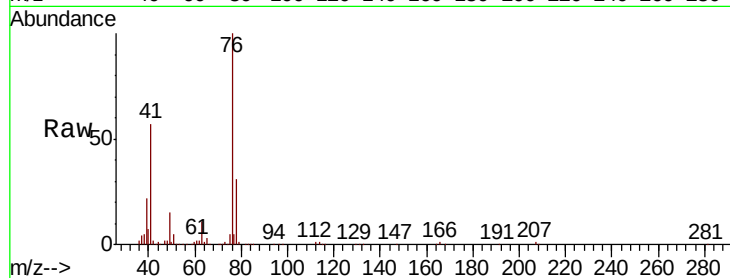
ClientSampleId :

Tot Ion: 76 Resp: 108581

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 91.687 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016076.D

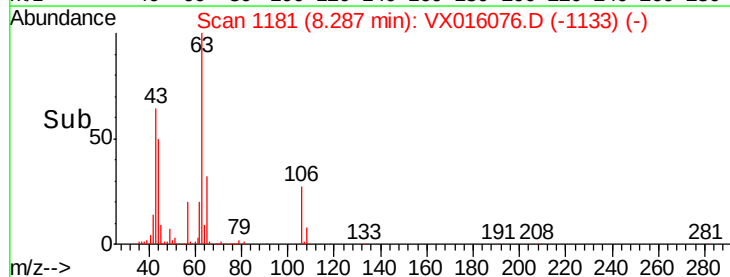
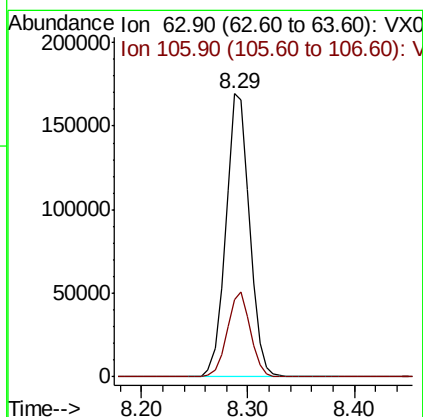
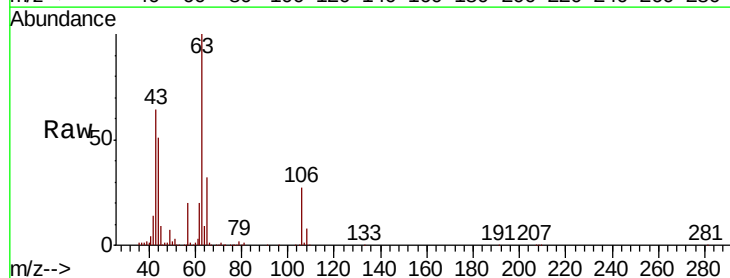
Acq: 06 May 2020 12:19

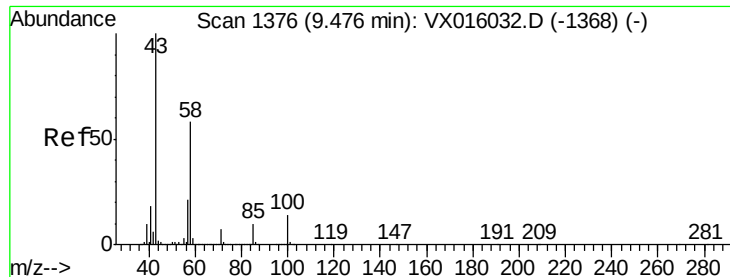
Tgt Ion: 63 Resp: 264055

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.2

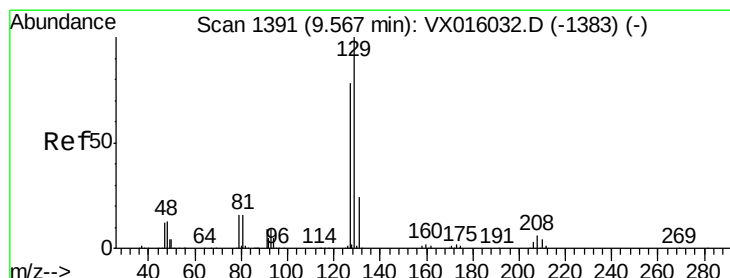
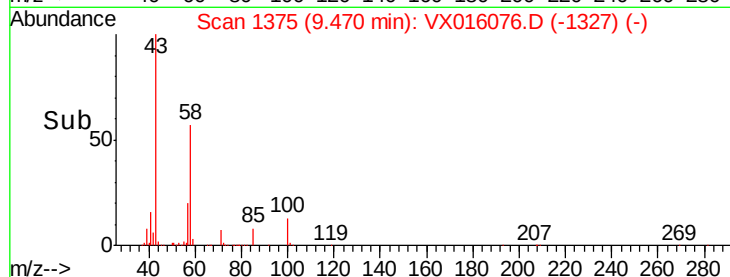
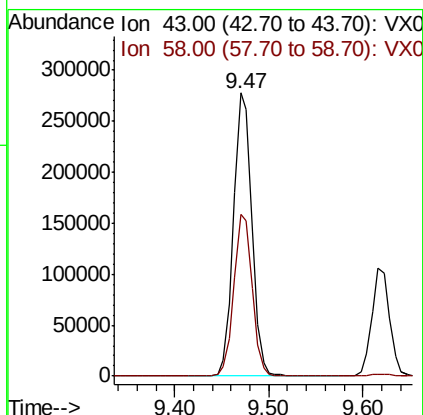
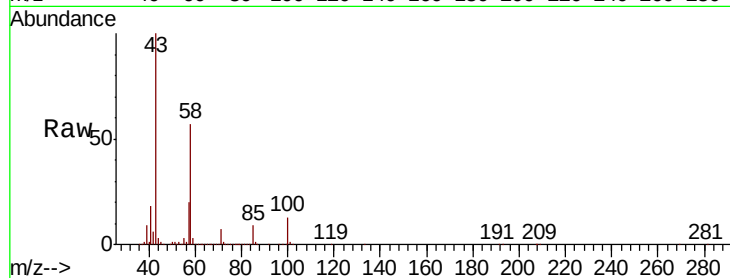




#59
2-Hexanone
Concen: 91.387 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

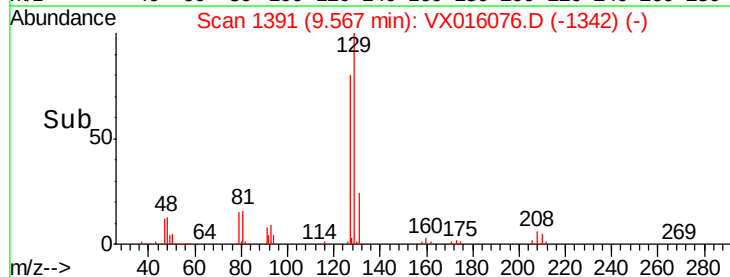
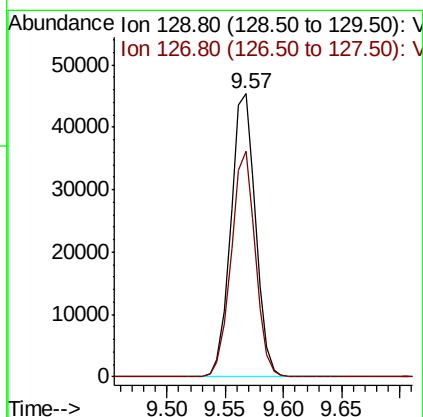
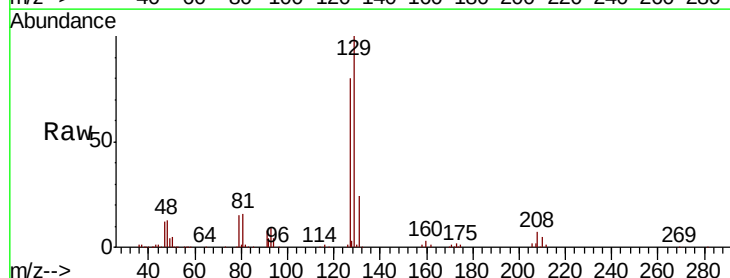
Instrument :
MSVOA_X
ClientSampleId :

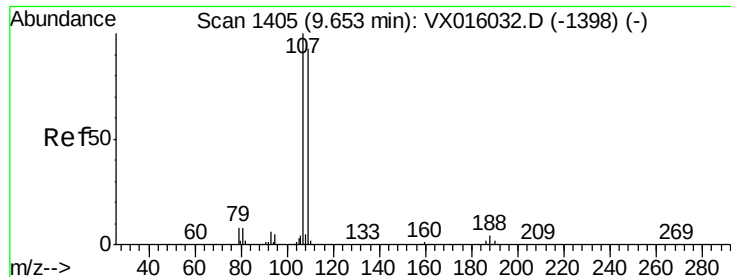
Tot Ion: 43 Resp: 375111
Ion Ratio Lower Upper
43 100
58 57.3 28.6 85.9



#60
Dibromochloromethane
Concen: 18.387 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion: 129 Resp: 67113
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.430 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

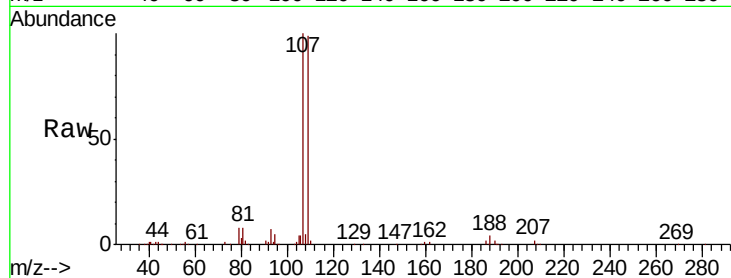
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 66158

Ion Ratio Lower Upper

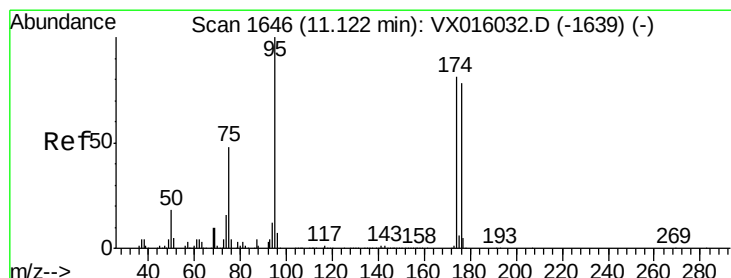
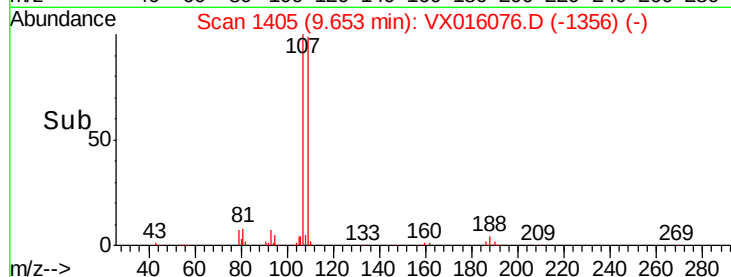
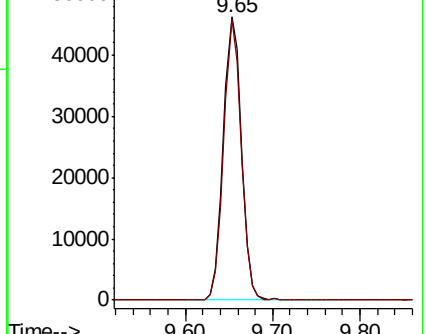
107 100

109 95.3 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: 48.877 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

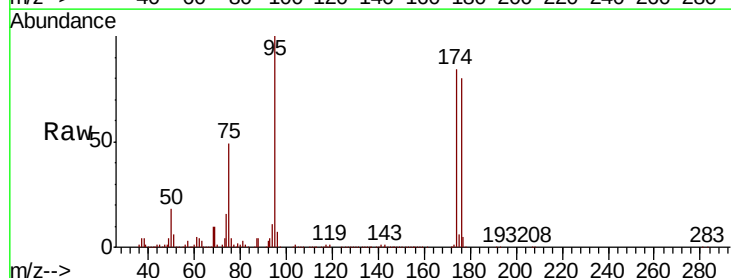
Tgt Ion: 95 Resp: 212928

Ion Ratio Lower Upper

95 100

174 80.0 0.0 159.4

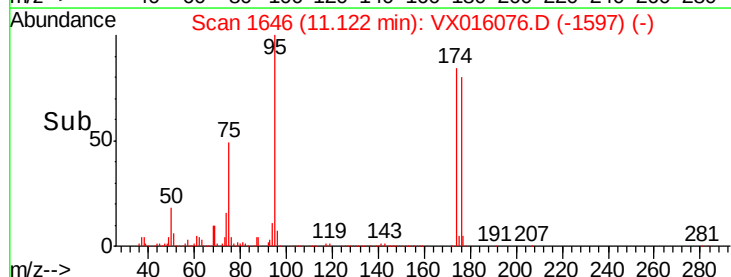
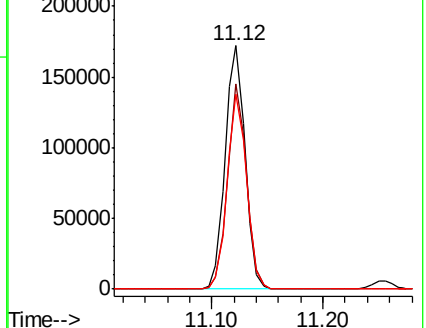
176 78.1 0.0 157.6

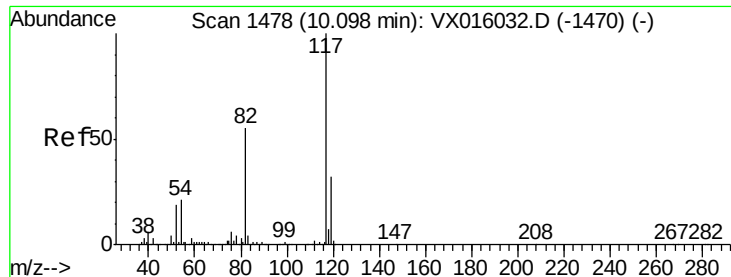


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

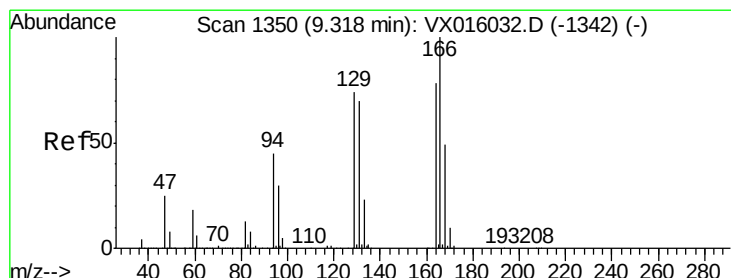
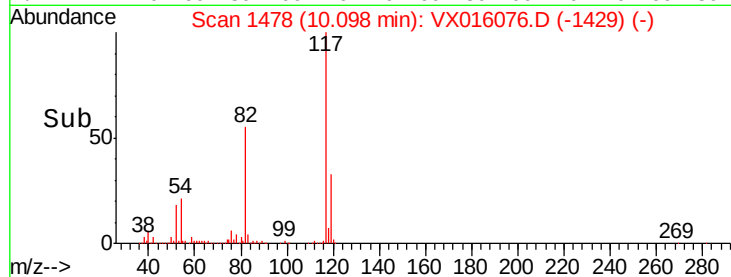
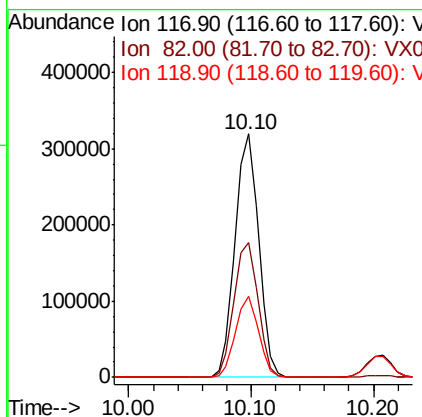
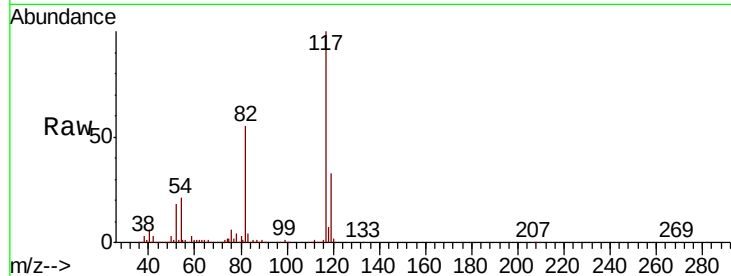




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

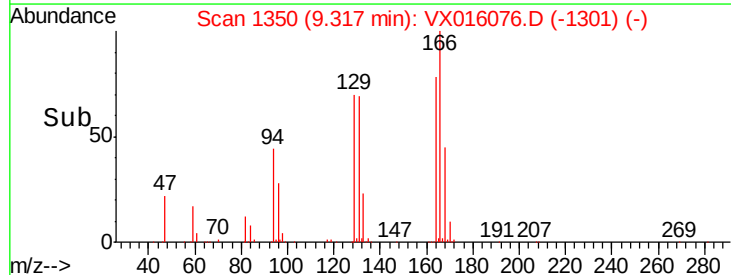
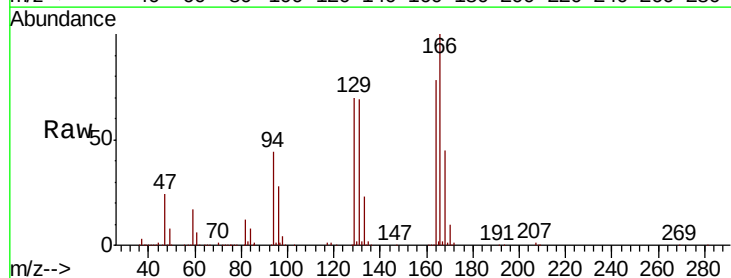
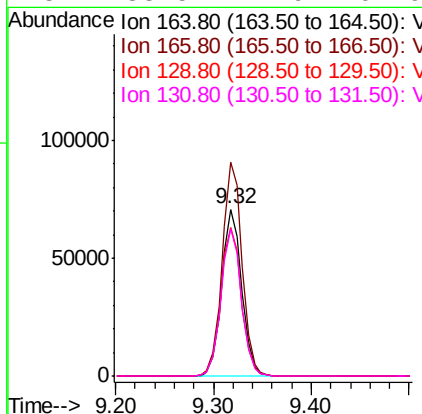
Instrument :
MSVOA_X
ClientSampleId :

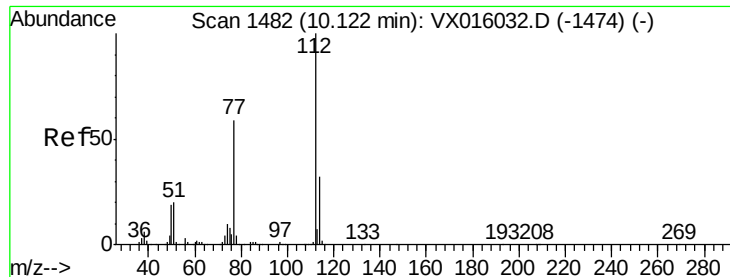
Tot Ion:117 Resp: 426841
Ion Ratio Lower Upper
117 100
82 55.5 44.4 66.6
119 33.3 25.5 38.3



#64
Tetrachloroethene
Concen: 19.103 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion:164 Resp: 100099
Ion Ratio Lower Upper
164 100
166 128.1 102.9 154.3
129 89.3 76.1 114.1
131 88.5 71.9 107.9

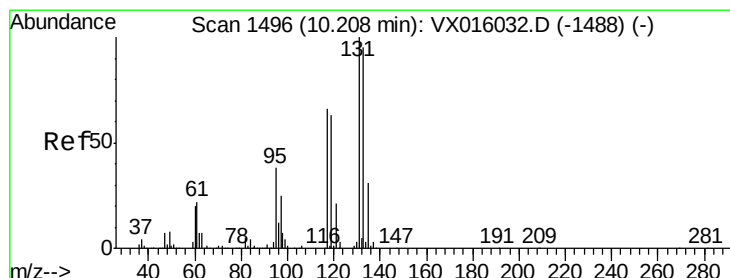
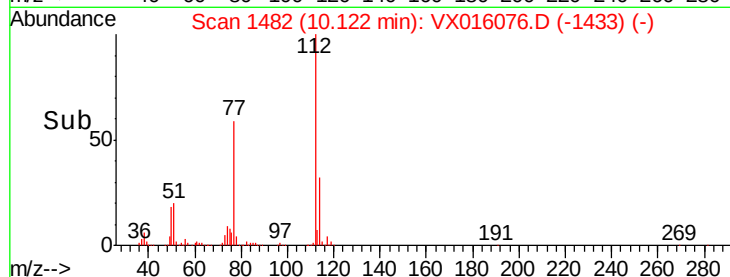
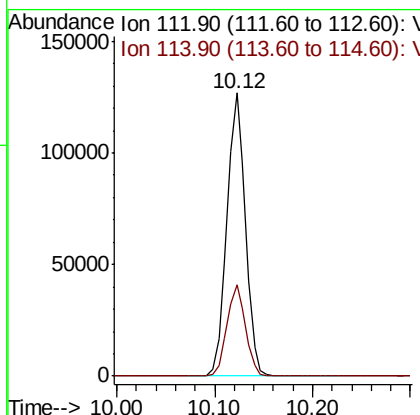
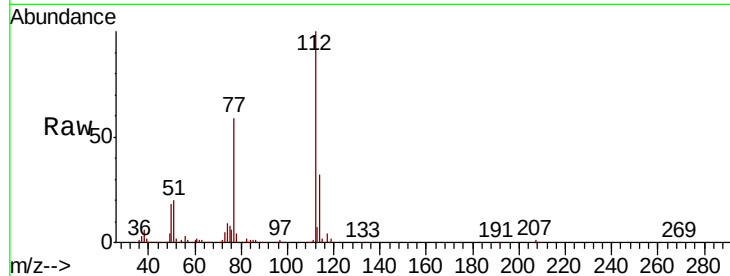




#65
Chlorobenzene
Concen: 18.596 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

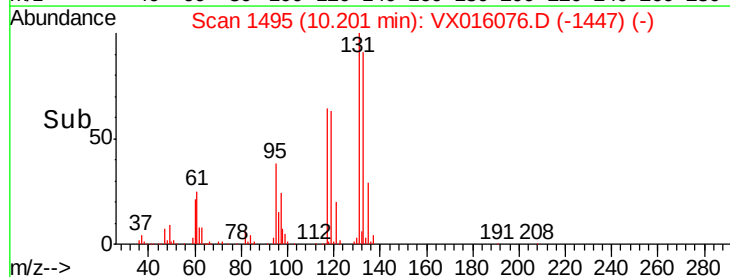
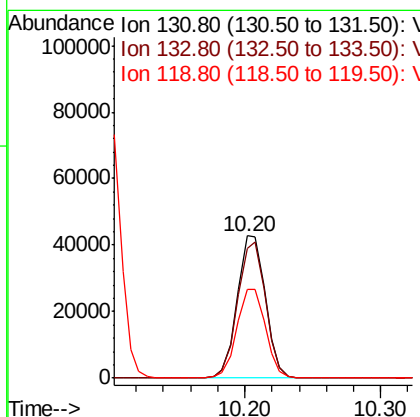
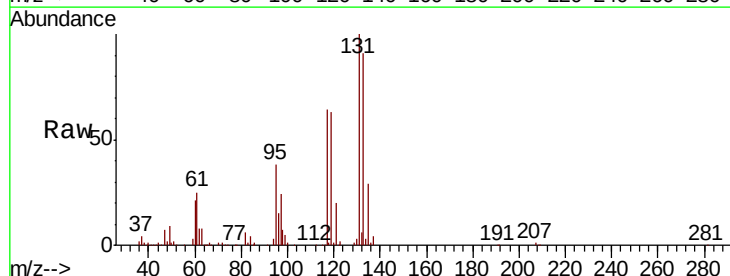
Instrument :
MSVOA_X
ClientSampleId :

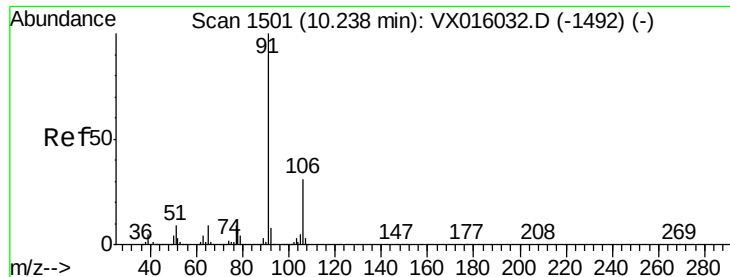
Tot Ion:112 Resp: 166200
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.727 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion:131 Resp: 61863
Ion Ratio Lower Upper
131 100
133 94.6 48.3 144.8
119 63.5 32.3 96.9

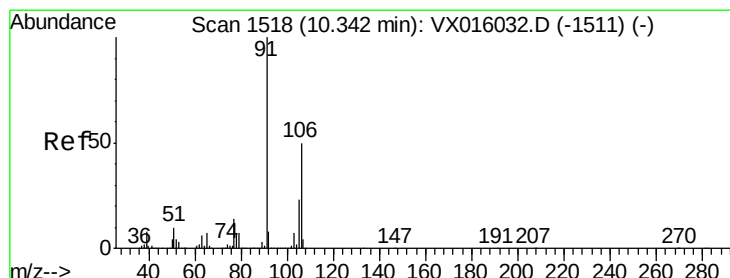
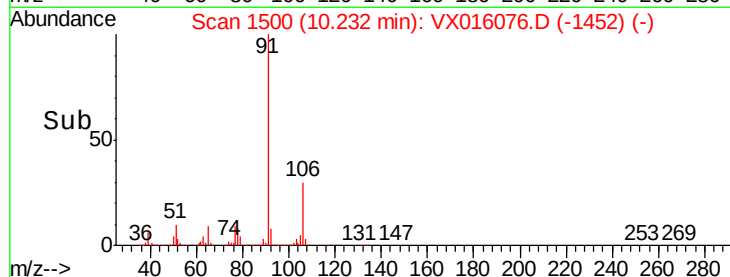
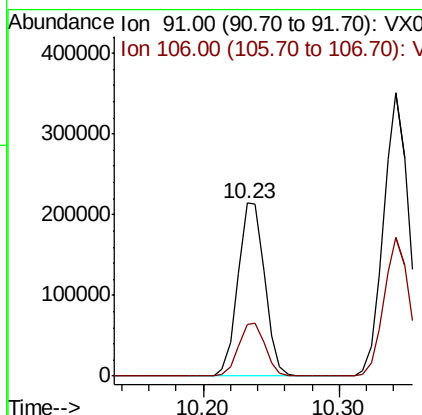
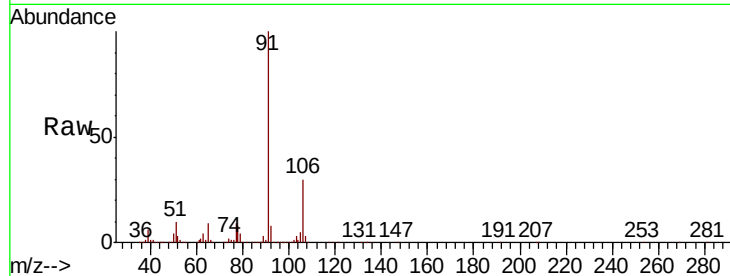




#67
Ethyl Benzene
Concen: 18.400 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

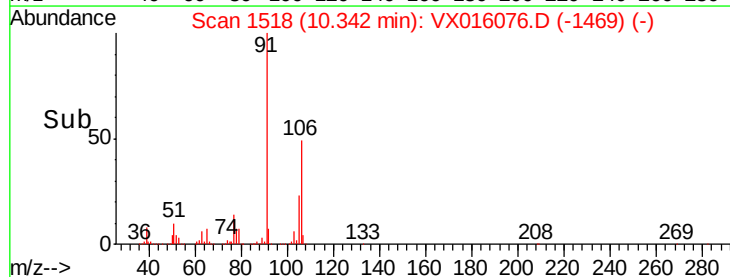
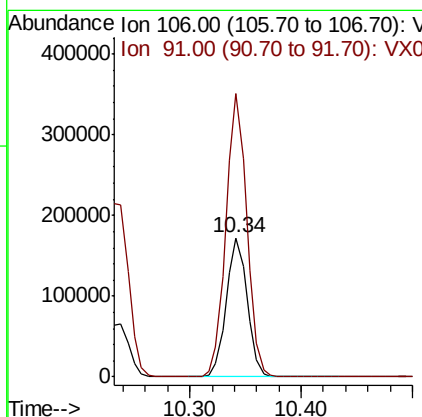
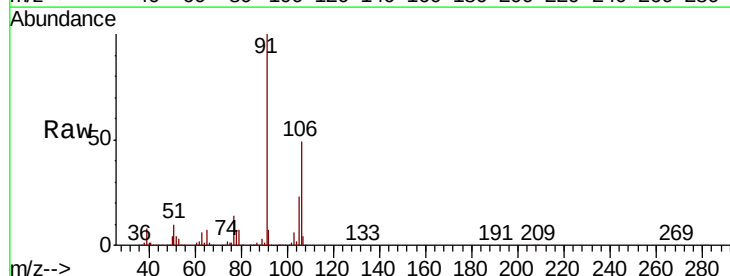
Instrument :
MSVOA_X
ClientSampleId :

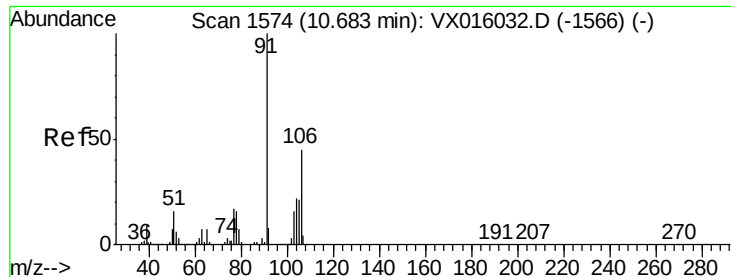
Tot Ion: 91 Resp: 293425
Ion Ratio Lower Upper
91 100
106 30.0 25.1 37.7



#68
m/p-Xylenes
Concen: 37.696 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion: 106 Resp: 225225
Ion Ratio Lower Upper
106 100
91 202.1 161.7 242.5

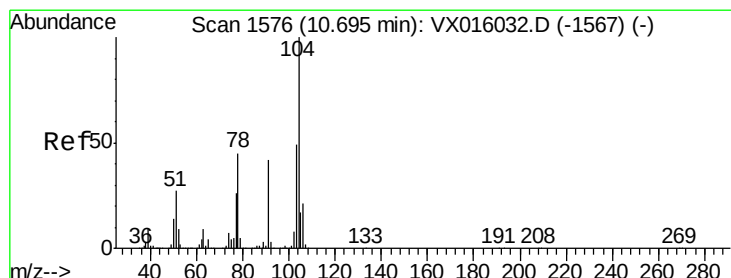
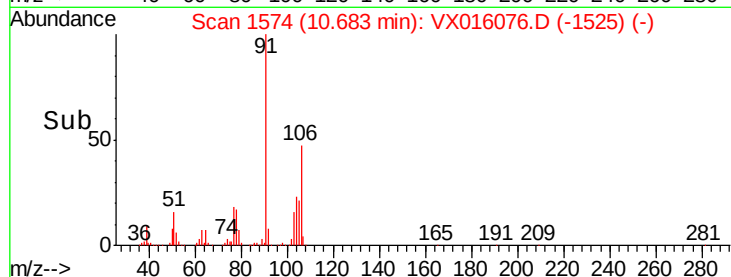
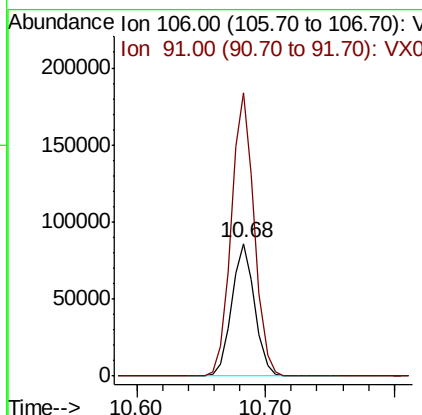
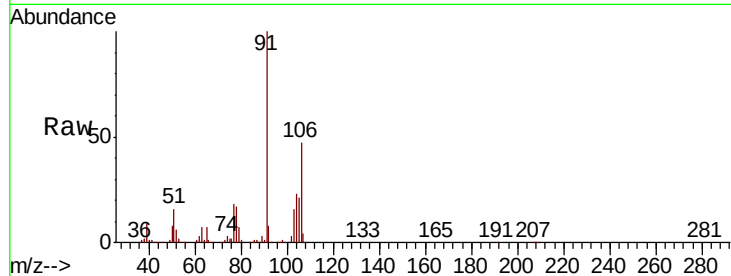




#69
o-Xylene
Concen: 18.587 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

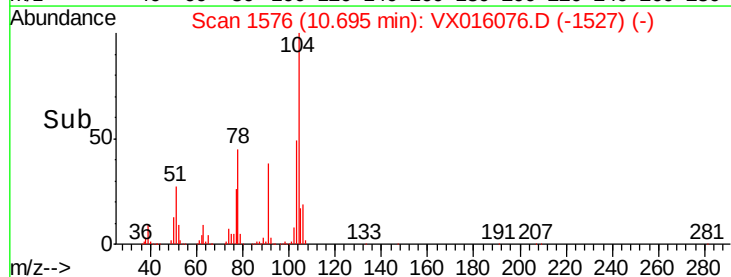
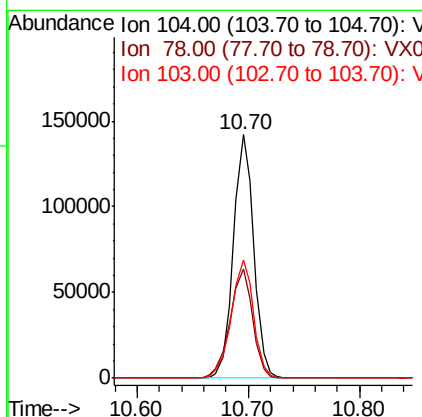
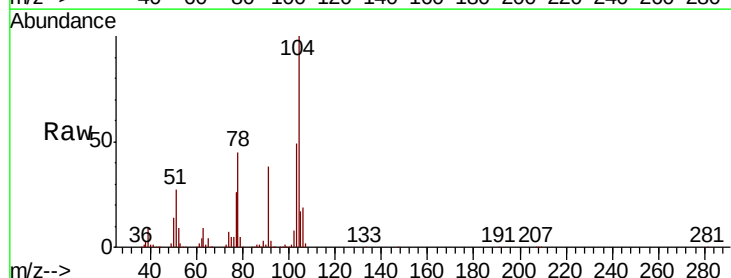
Instrument :
MSVOA_X
ClientSampleId :

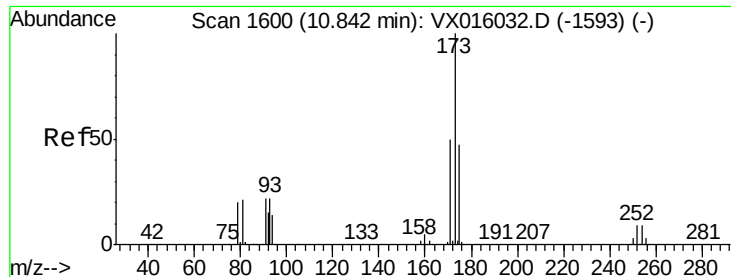
Tot Ion:106 Resp: 106747
Ion Ratio Lower Upper
106 100
91 214.1 107.5 322.6



#70
Styrene
Concen: 18.450 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion:104 Resp: 179767
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.2
103 53.3 43.0 64.6





#71

Bromoform

Concen: 18.573 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampled :

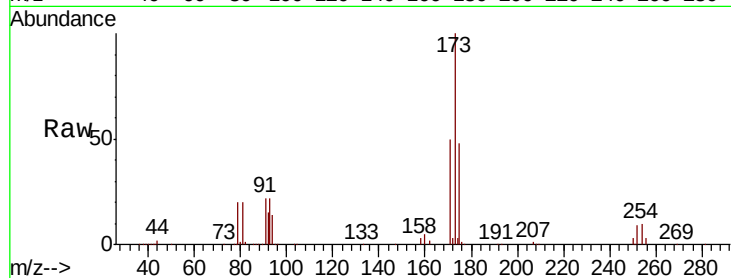
Tot Ion:173 Resp: 49987

Ion Ratio Lower Upper

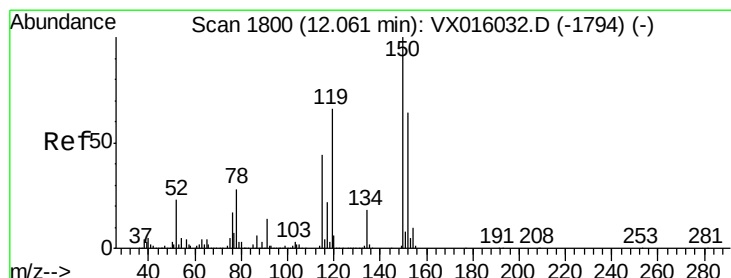
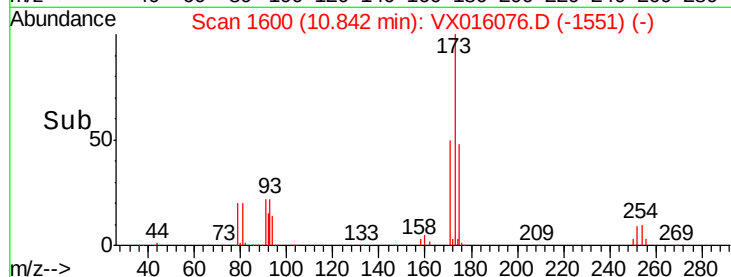
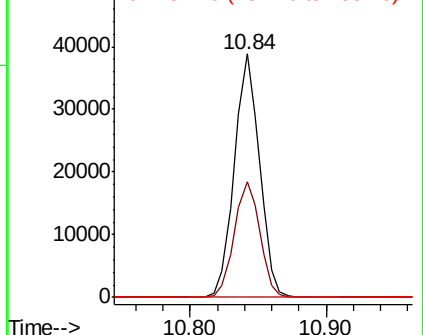
173 100

175 48.5 24.0 72.0

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

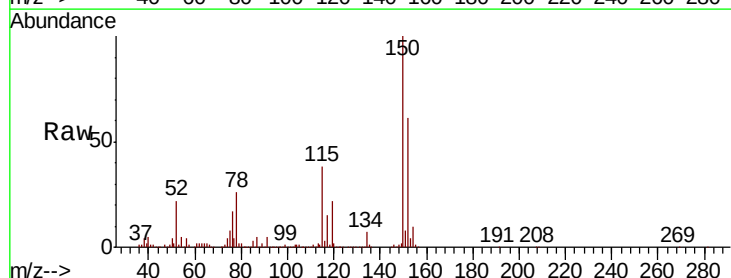
Tgt Ion:152 Resp: 218537

Ion Ratio Lower Upper

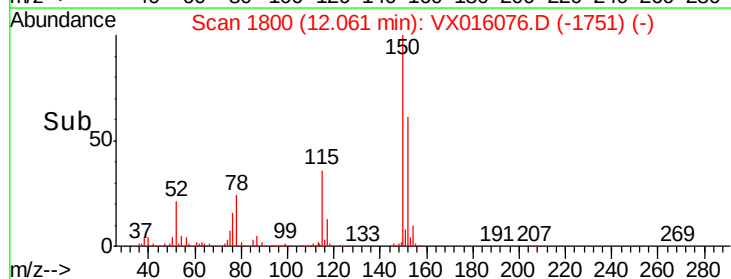
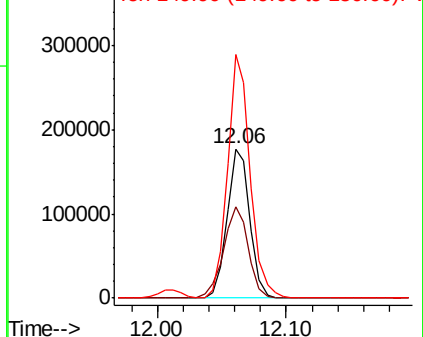
152 100

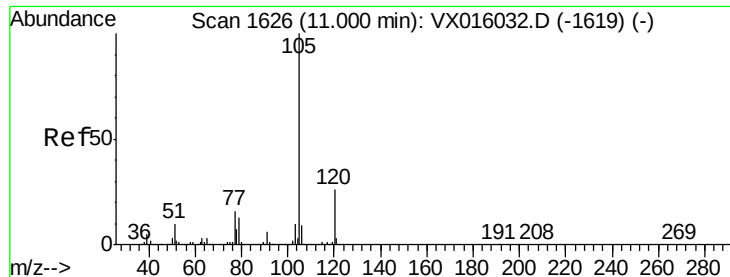
115 66.8 41.3 124.1

150 162.7 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: 18.144 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

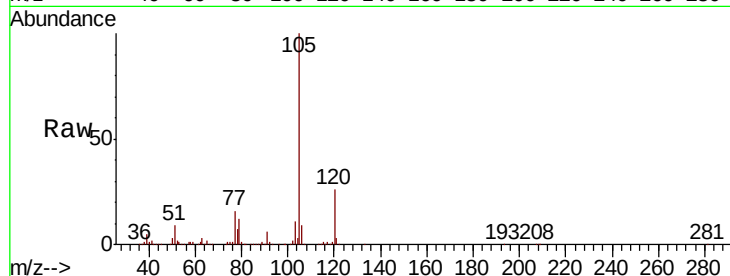
ClientSampleId :

Tot Ion:105 Resp: 288402

Ion Ratio Lower Upper

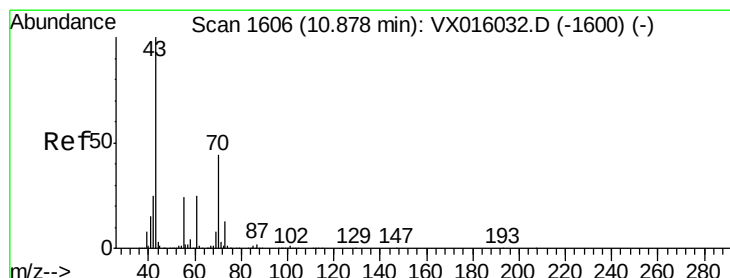
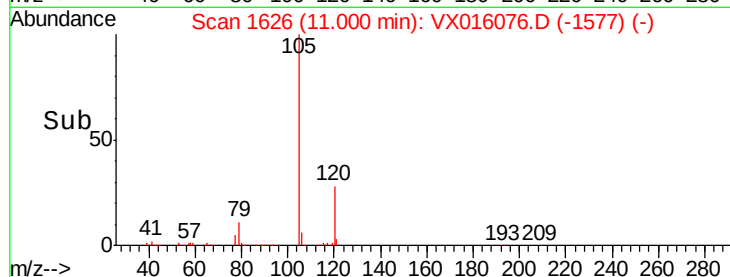
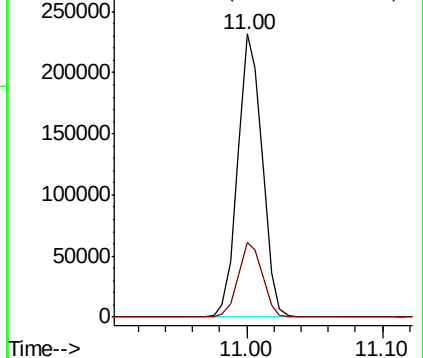
105 100

120 26.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.753 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Tgt Ion: 43 Resp: 131624

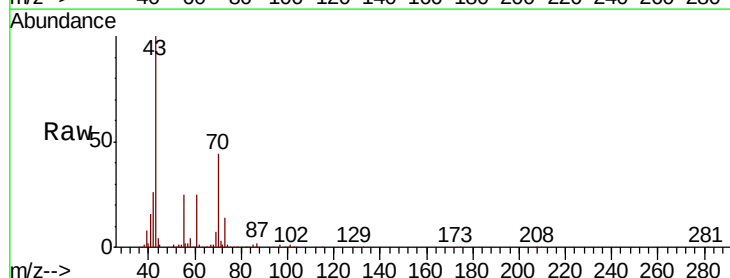
Ion Ratio Lower Upper

43 100

70 45.6 36.5 54.7

55 25.3 19.7 29.5

61 25.7 20.9 31.3

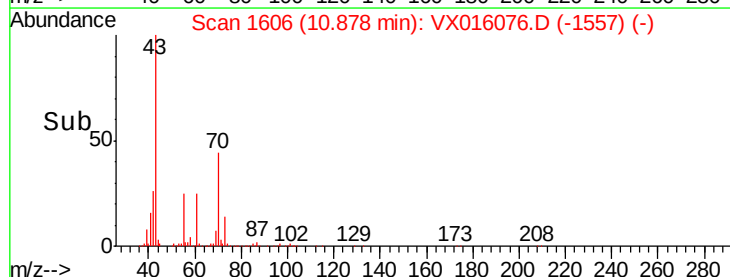
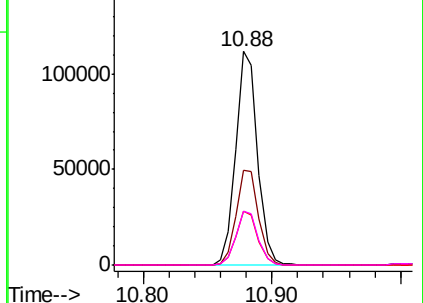


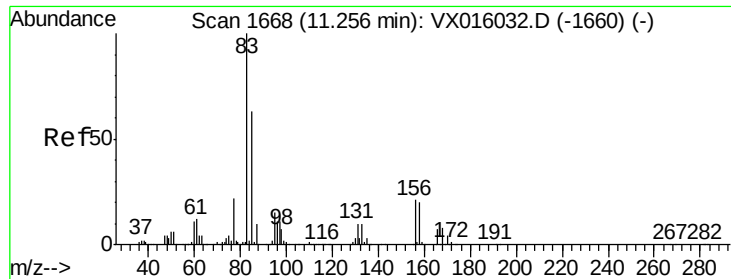
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.416 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

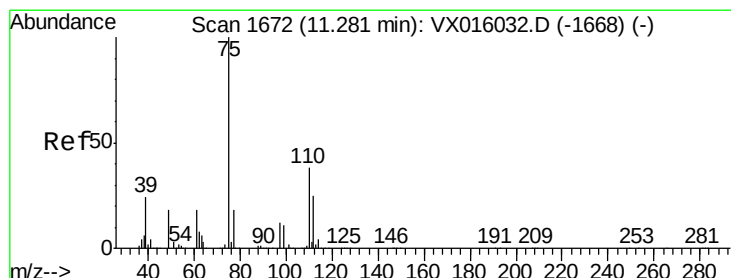
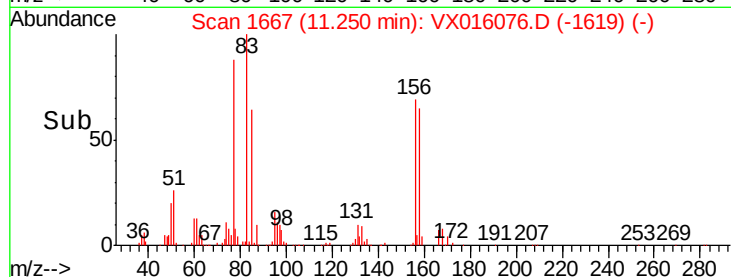
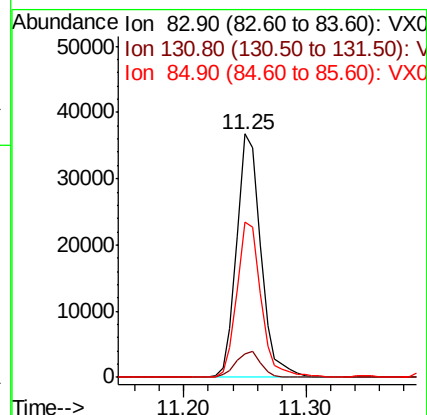
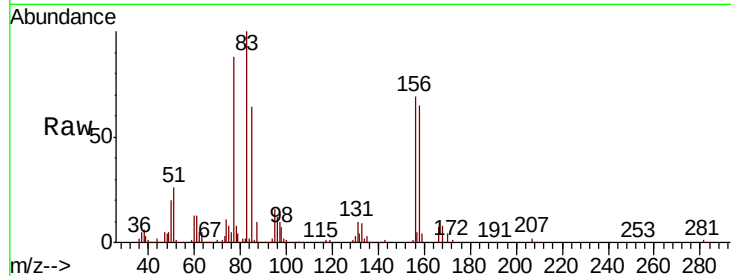
Tot Ion: 83 Resp: 50080

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.4

85 64.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 24.143 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016076.D

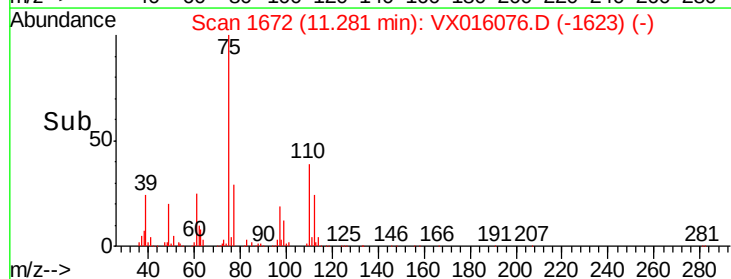
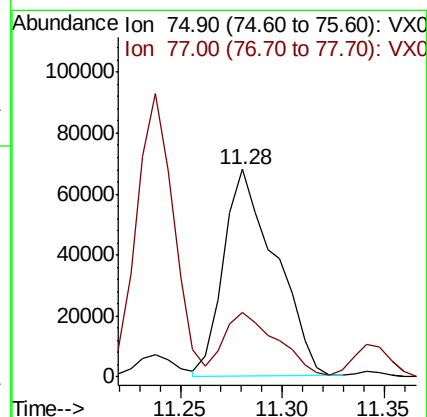
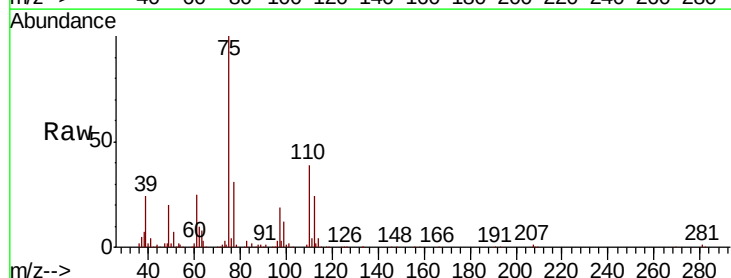
Acq: 06 May 2020 12:19

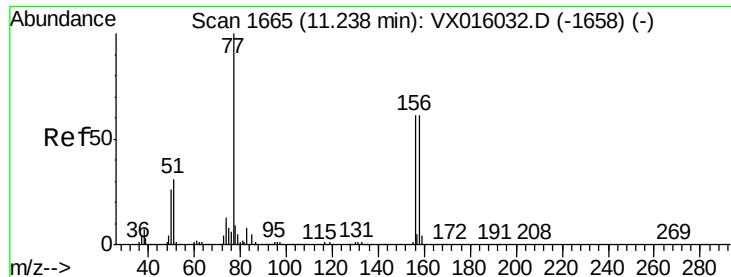
Tgt Ion: 75 Resp: 119729

Ion Ratio Lower Upper

75 100

77 32.1 21.2 63.6





#77

Bromobenzene

Concen: 17.430 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

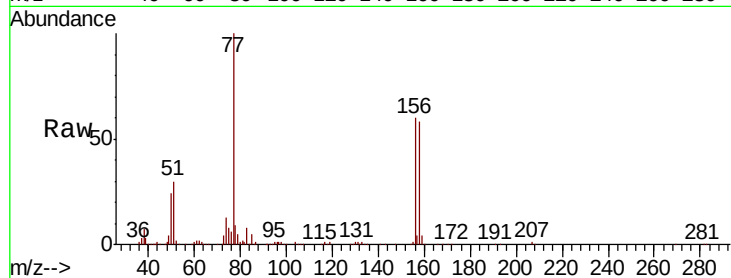
Tot Ion:156 Resp: 71512

Ion Ratio Lower Upper

156 100

77 164.8 80.1 240.3

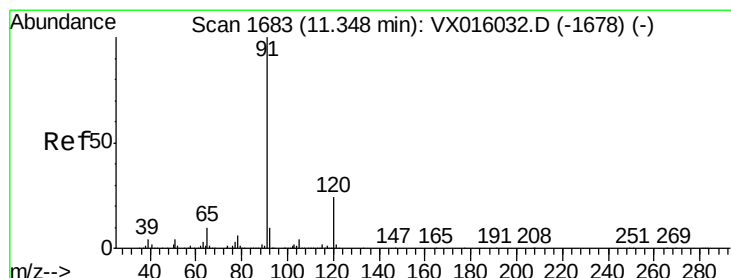
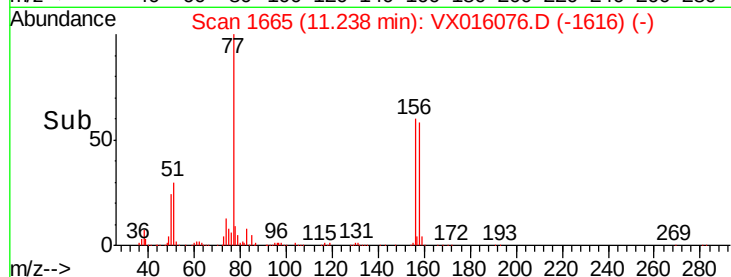
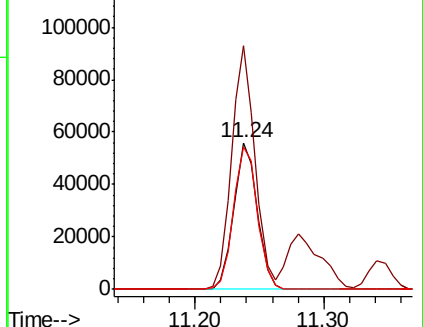
158 98.9 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.869 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016076.D

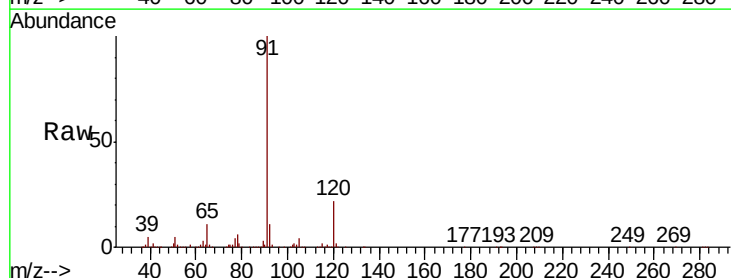
Acq: 06 May 2020 12:19

Tgt Ion: 91 Resp: 330420

Ion Ratio Lower Upper

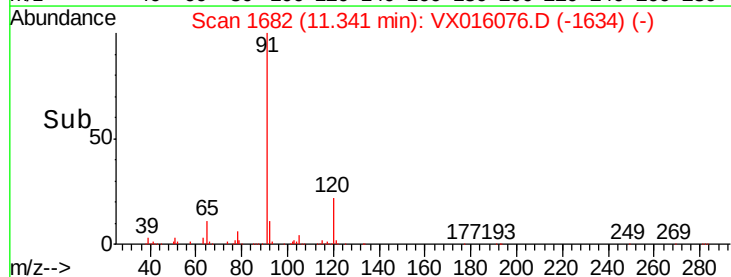
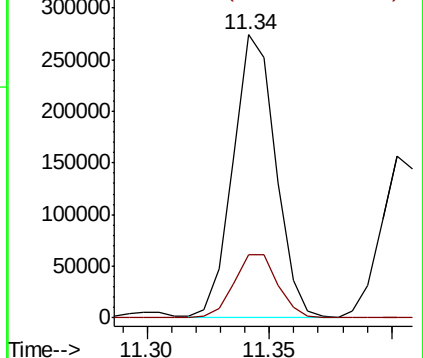
91 100

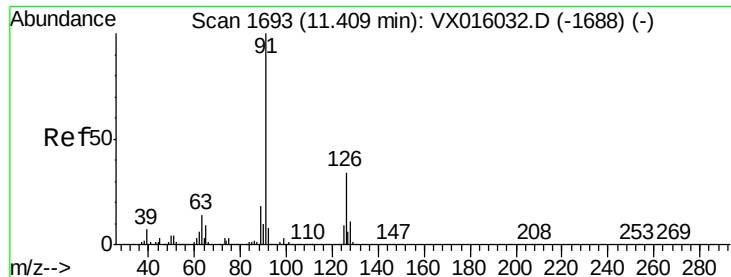
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.012 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

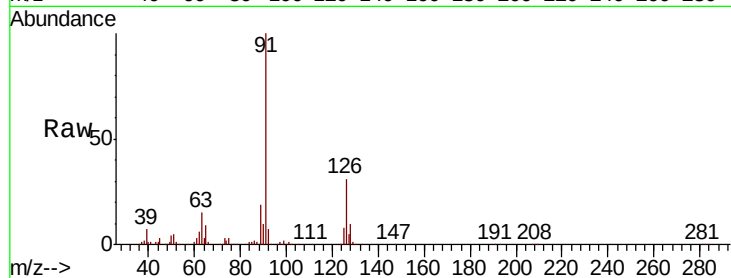
ClientSampleId :

Tot Ion: 91 Resp: 196600

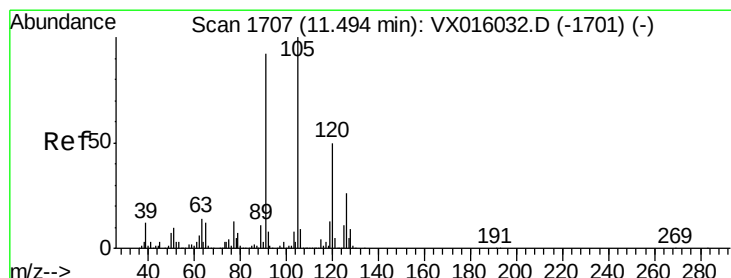
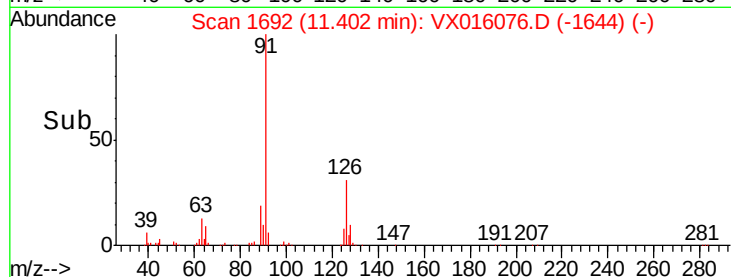
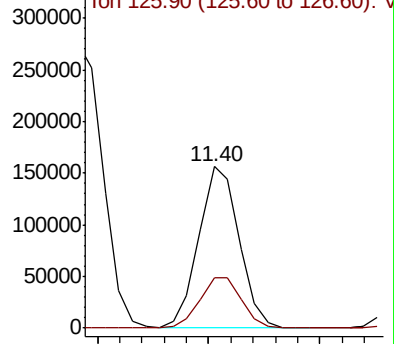
Ion Ratio Lower Upper

91 100

126 32.8 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX016076.D (-1644) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.157 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016076.D

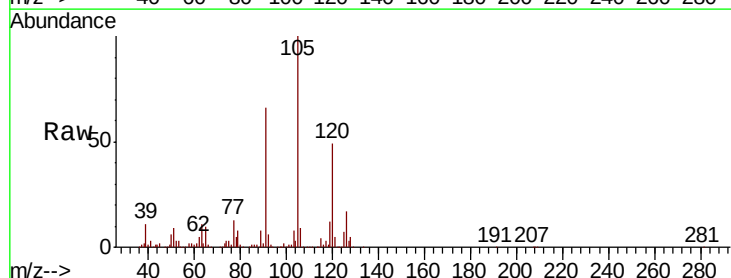
Acq: 06 May 2020 12:19

Tgt Ion: 105 Resp: 243685

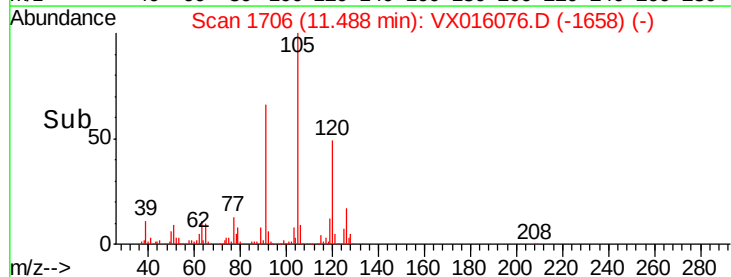
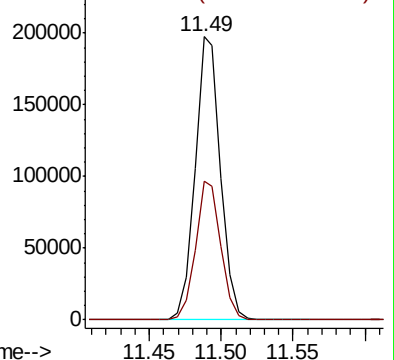
Ion Ratio Lower Upper

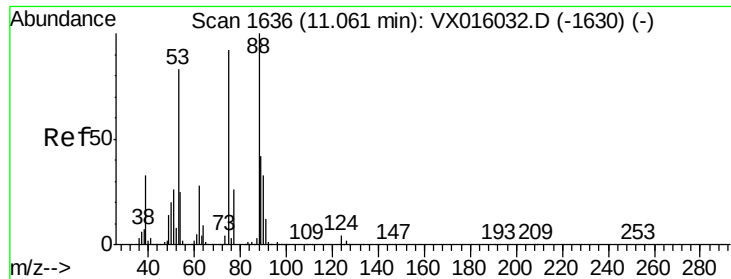
105 100

120 48.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016076.D (-1658) (-)

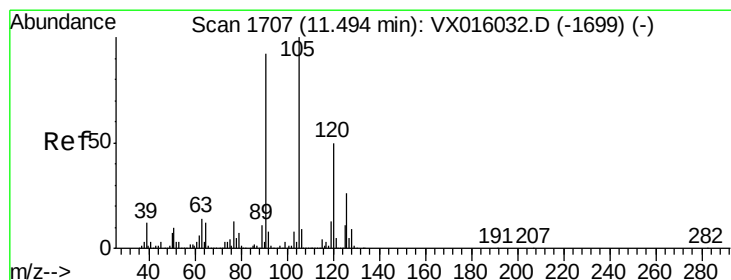
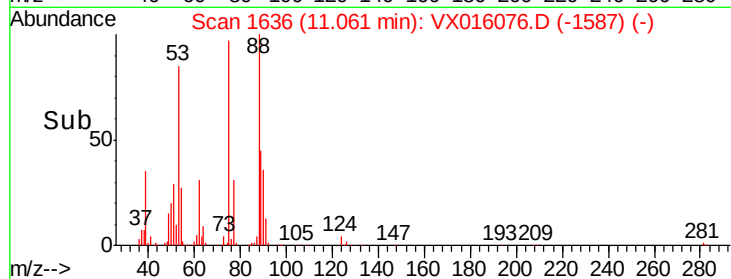
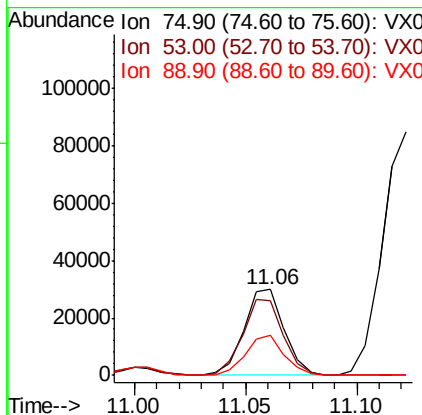
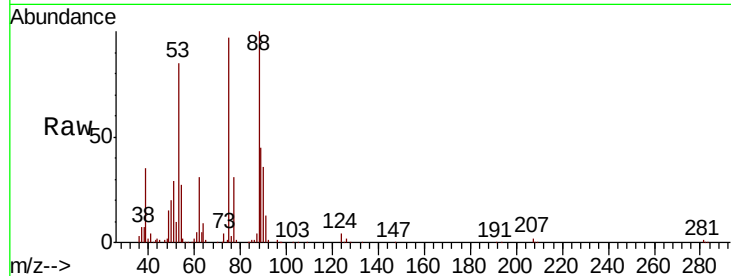




#81
trans-1,4-Dichloro-2-butene
Concen: 17.907 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

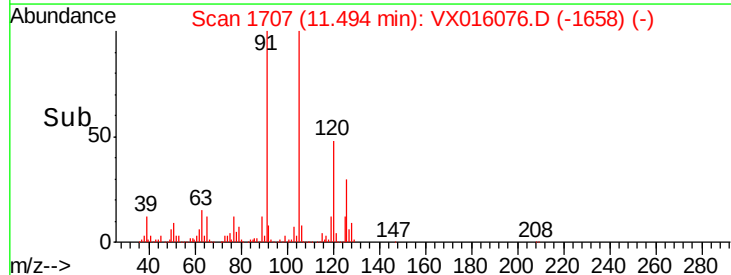
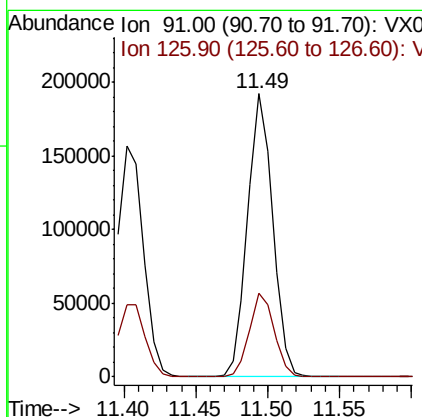
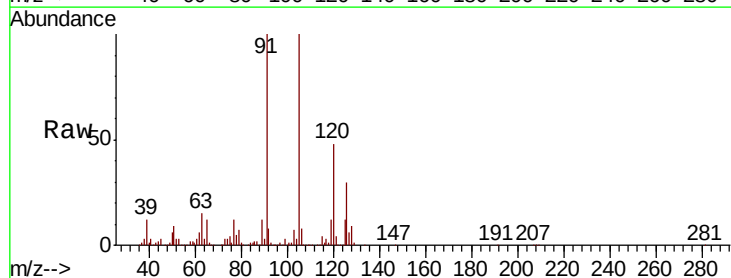
Instrument :
MSVOA_X
ClientSampled :

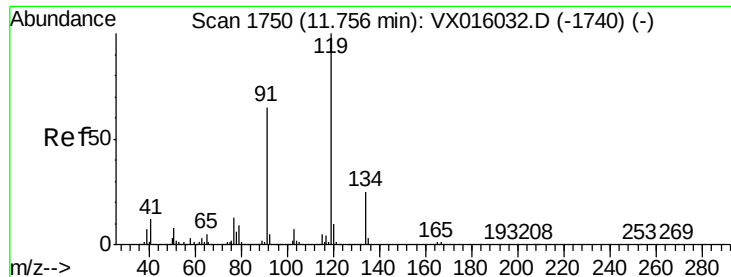
Tot Ion: 75 Resp: 37264
Ion Ratio Lower Upper
75 100
53 90.1 73.1 109.7
89 45.8 36.7 55.1



#82
4-Chlorotoluene
Concen: 17.979 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion: 91 Resp: 231742
Ion Ratio Lower Upper
91 100
126 29.5 14.8 44.3

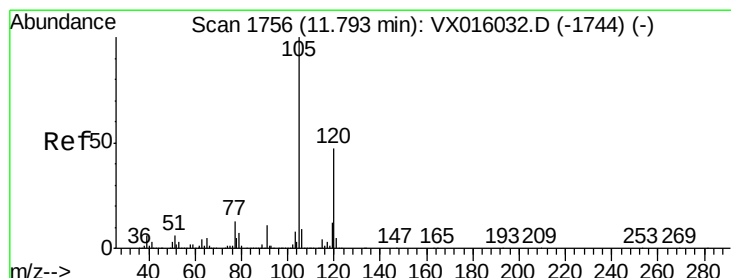
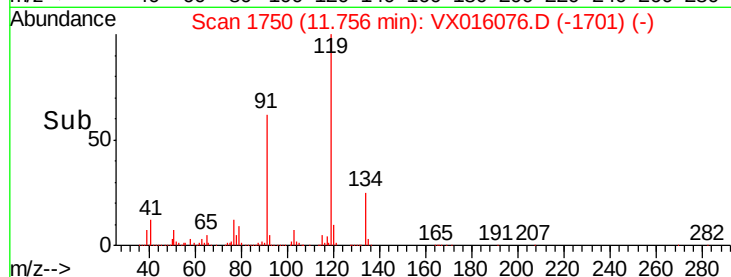
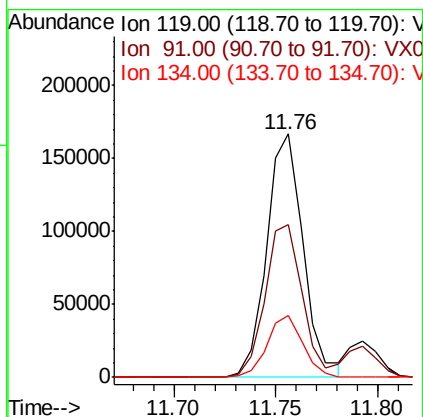
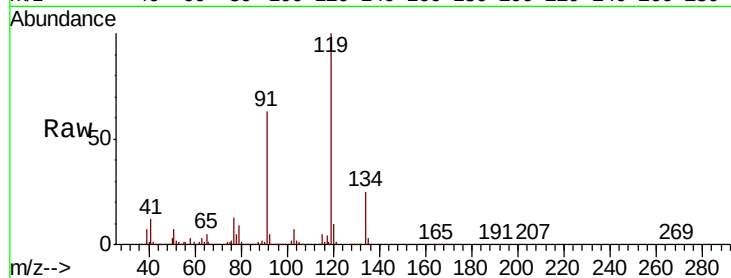




#83
tert-Butylbenzene
Concen: 18.007 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

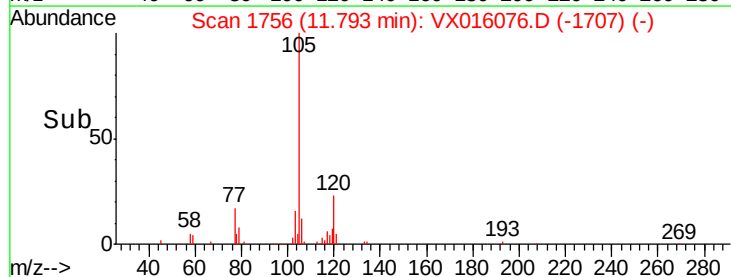
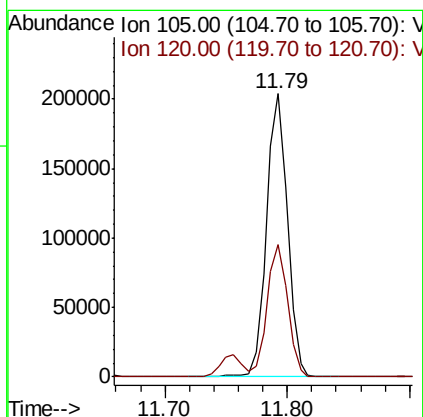
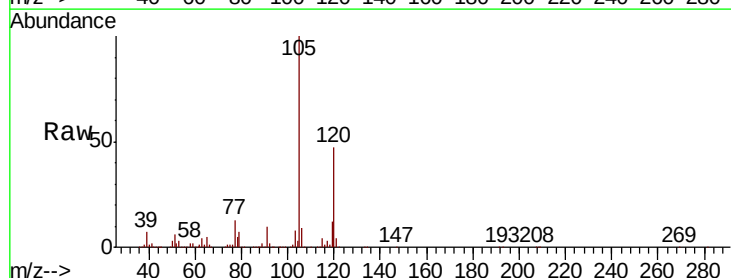
Instrument :
MSVOA_X
ClientSampled :

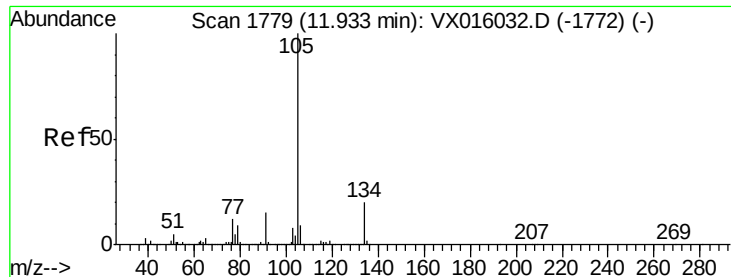
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.8	32.8	98.4
134	24.6	12.4	37.0



#84
1,2,4-Trimethylbenzene
Concen: 17.954 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.0	69.0





#85

sec-Butylbenzene

Concen: 17.806 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

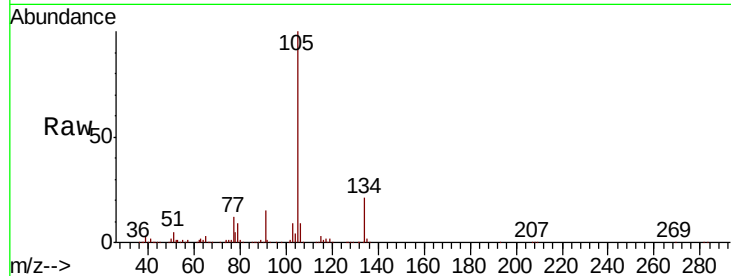
ClientSampleId :

Tot Ion:105 Resp: 278060

Ion Ratio Lower Upper

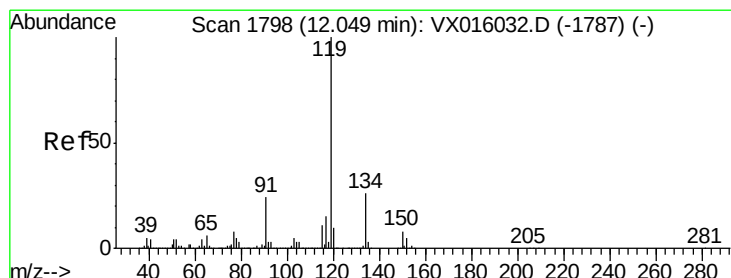
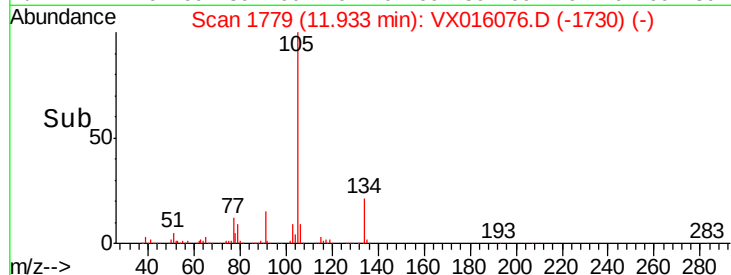
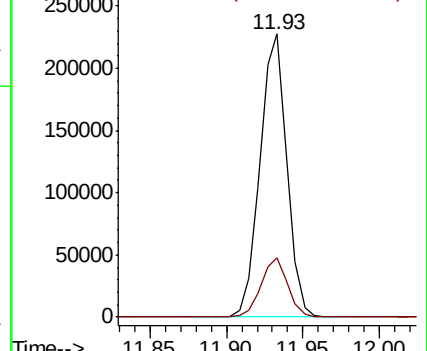
105 100

134 20.7 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: 17.929 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

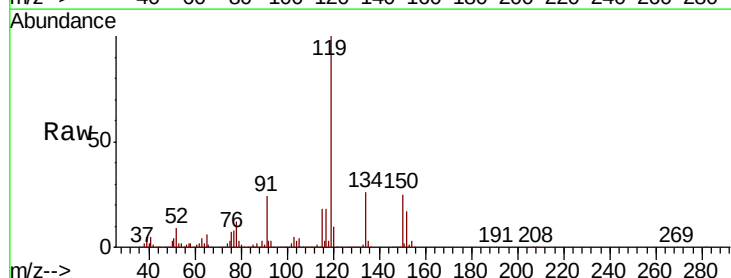
Tgt Ion:119 Resp: 259946

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

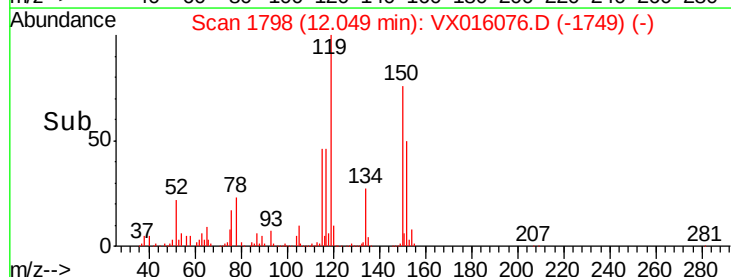
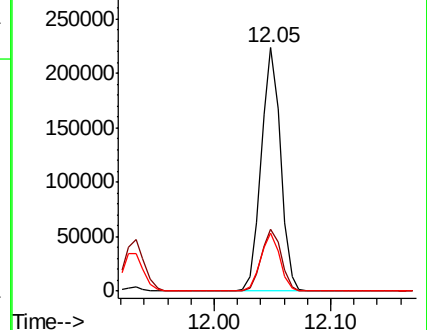
91 23.7 11.8 35.4

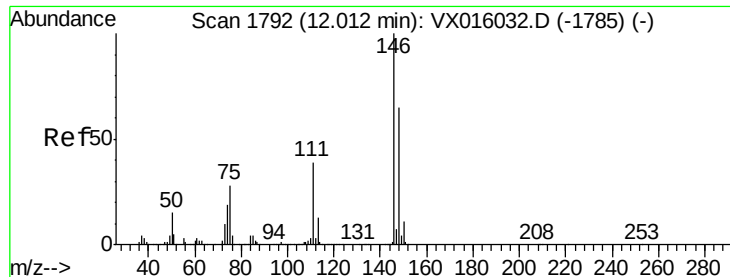


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

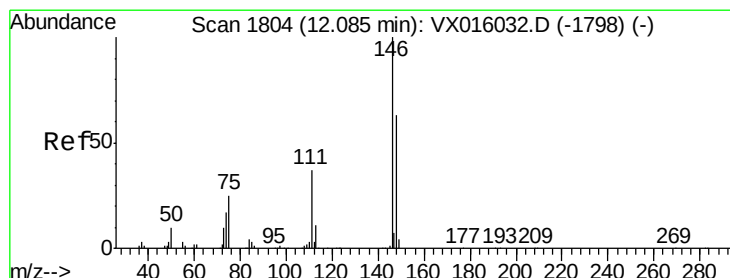
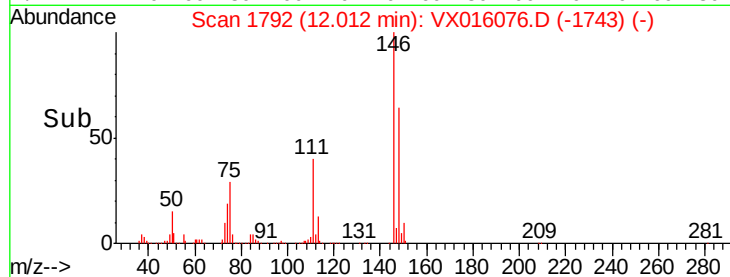
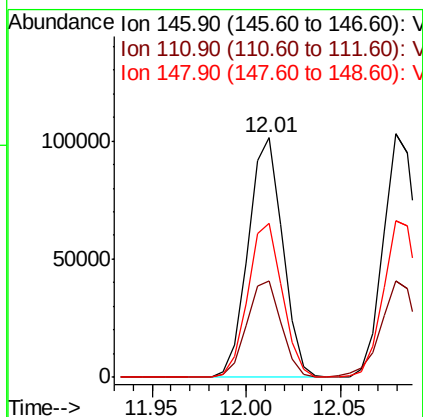
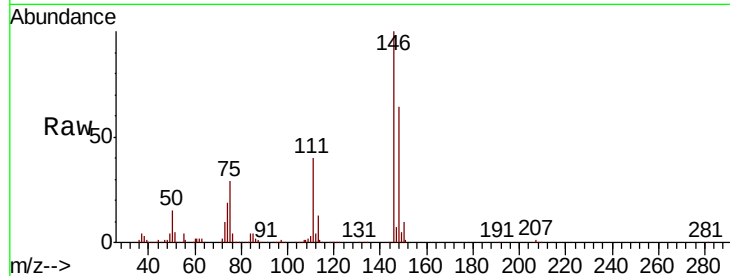




#87
 1,3-Dichlorobenzene
 Concen: 17.483 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

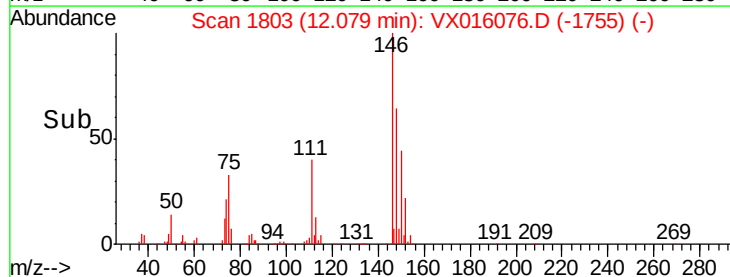
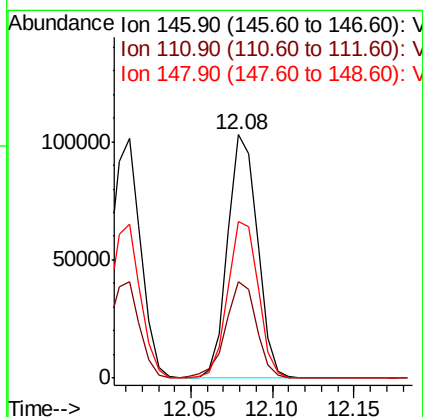
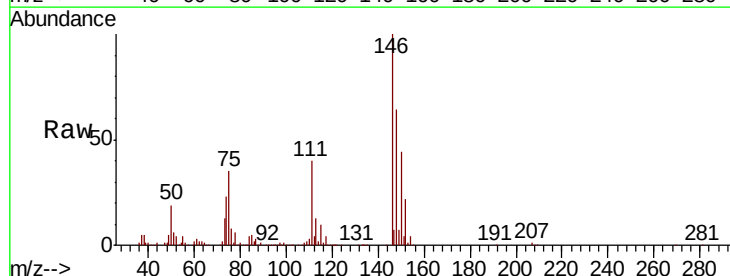
Instrument :
 MSVOA_X
 ClientSampleId :

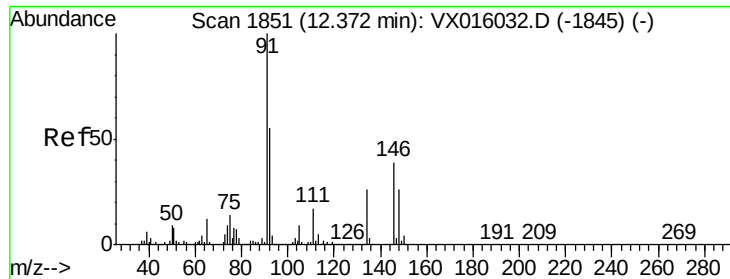
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.6
148	64.1	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 17.477 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.6	58.7
148	65.9	31.8	95.3

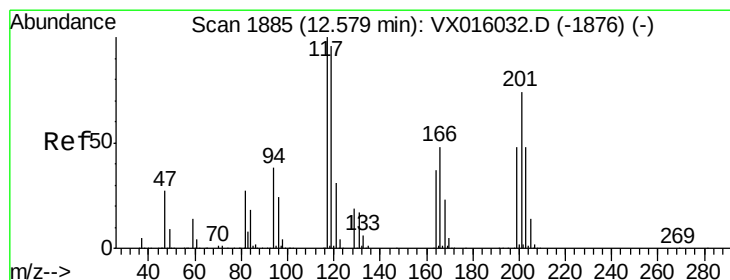
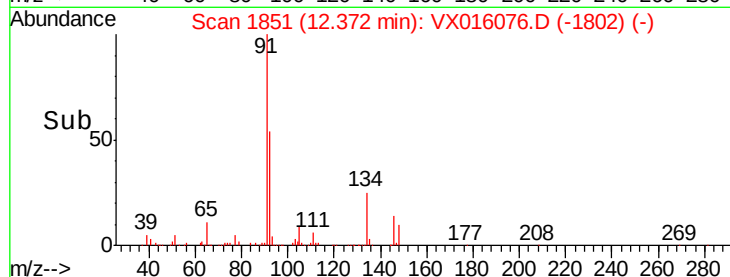
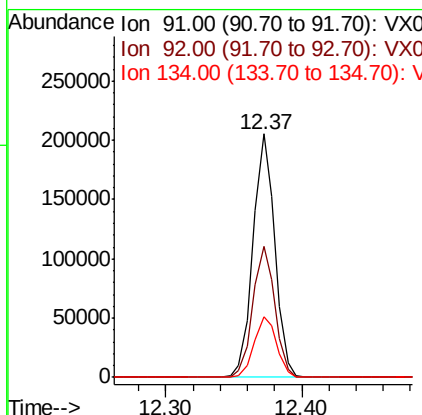
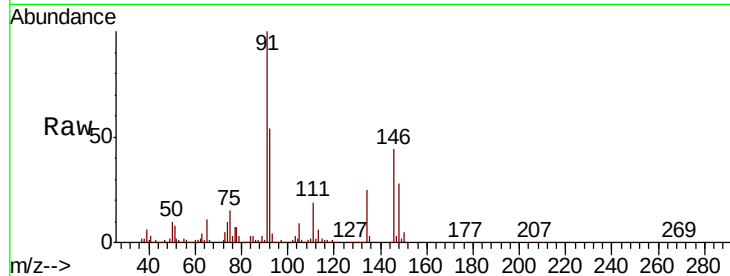




#89
n-Butylbenzene
Concen: 17.494 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

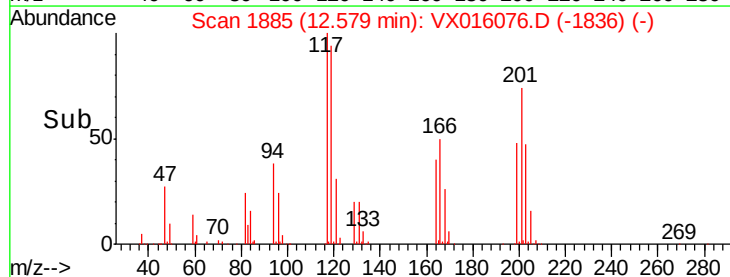
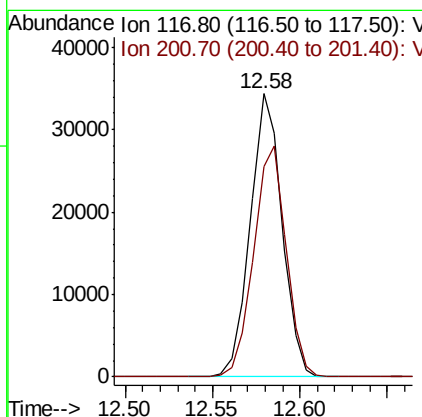
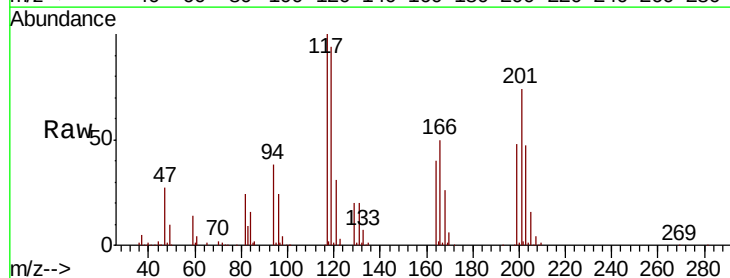
Instrument :
MSVOA_X
ClientSampled :

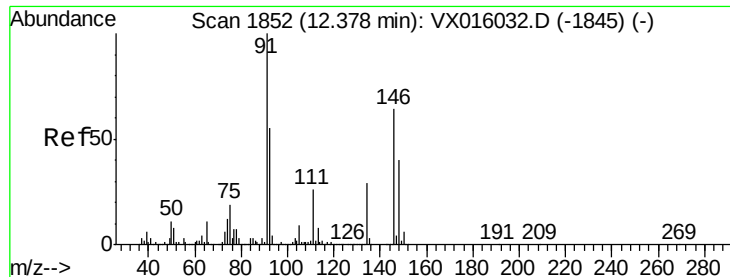
Tot Ion: 91 Resp: 231710
Ion Ratio Lower Upper
91 100
92 54.1 27.6 82.7
134 25.7 13.4 40.1



#90
Hexachloroethane
Concen: 17.400 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016076.D
Acq: 06 May 2020 12:19

Tgt Ion: 117 Resp: 43327
Ion Ratio Lower Upper
117 100
201 83.4 39.8 119.3

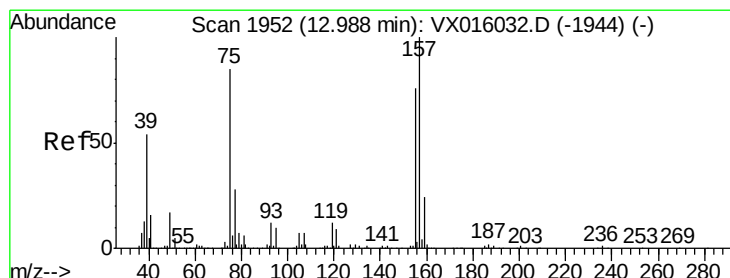
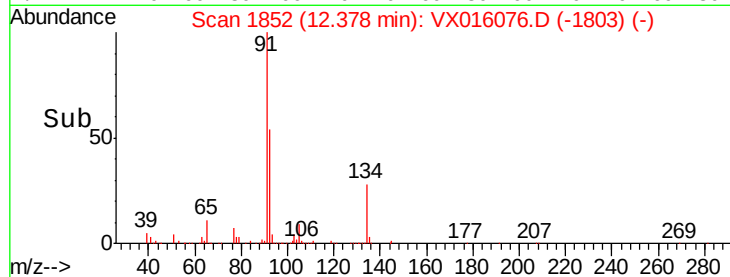
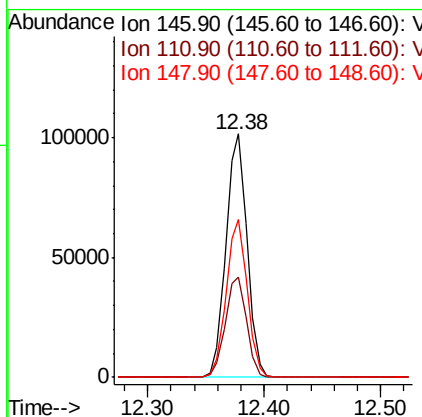
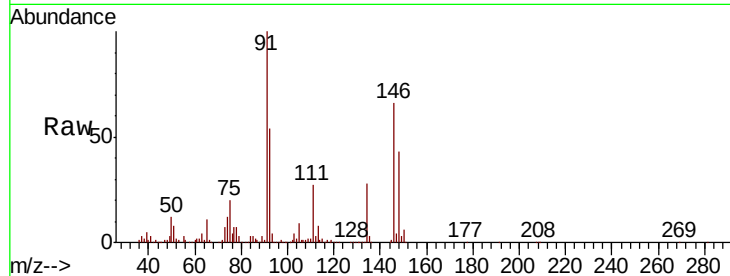




#91
 1,2-Dichlorobenzene
 Concen: 17.942 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

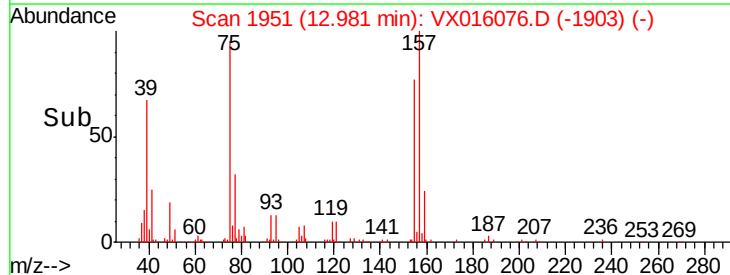
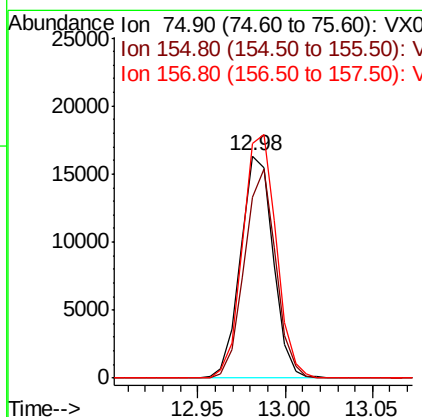
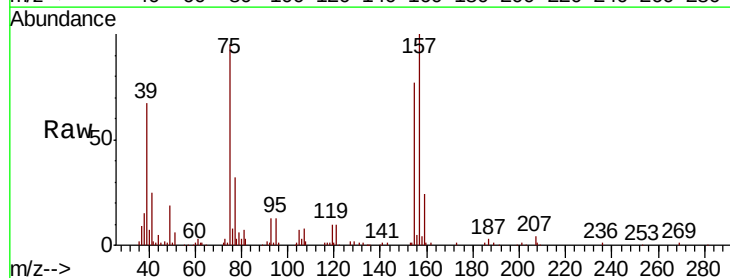
Instrument :
 MSVOA_X
 ClientSampleId :

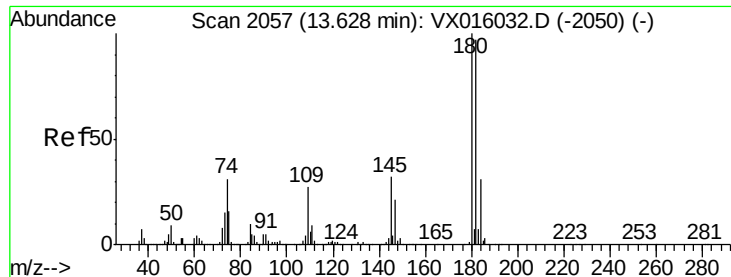
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.1
148	64.0	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.193 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.3	42.5	127.5
157	112.3	55.3	165.8

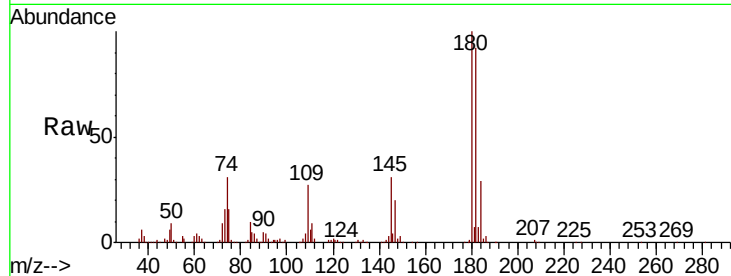




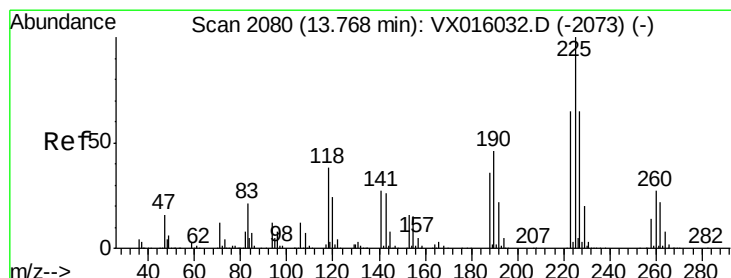
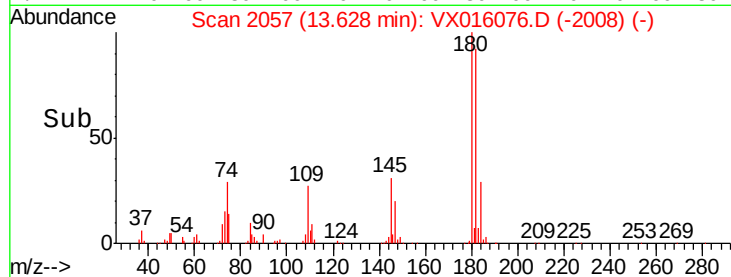
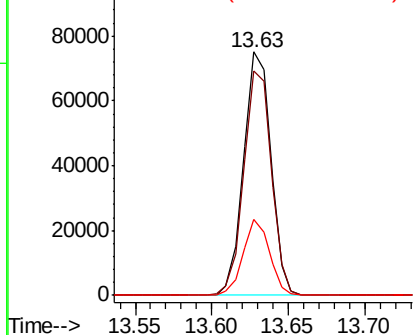
#93
 1,2,4-Trichlorobenzene
 Concen: 17.797 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 93463
 Ion Ratio Lower Upper
 180 100
 182 93.1 48.7 146.1
 145 30.0 15.7 47.1

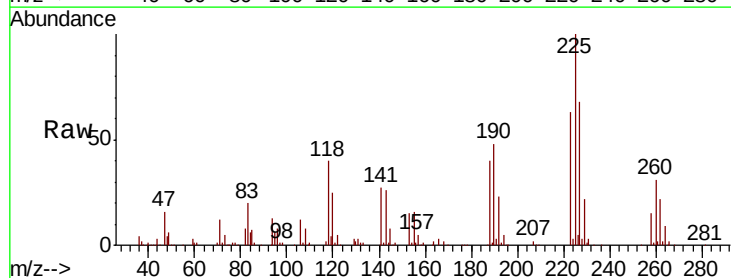


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

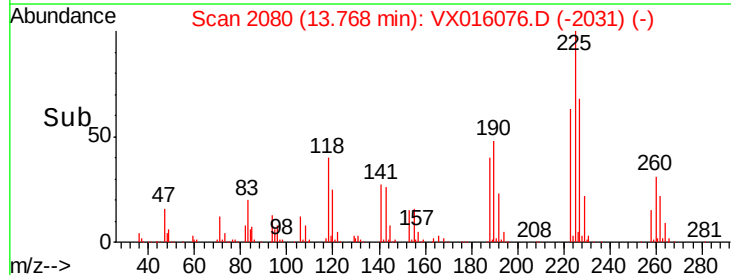
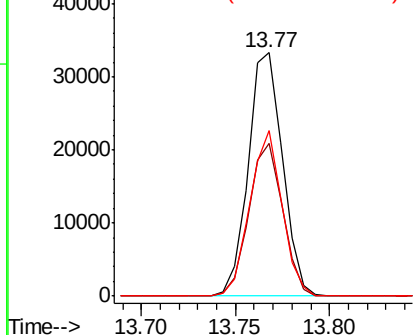


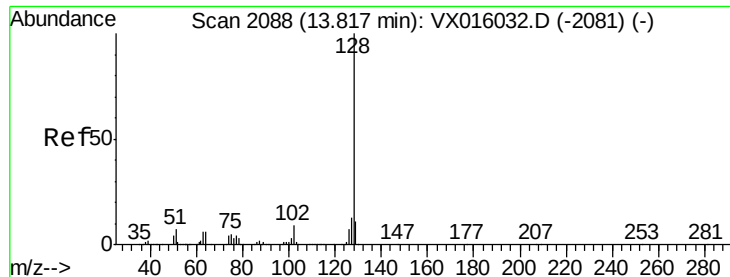
#94
 Hexachlorobutadiene
 Concen: 18.949 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016076.D
 Acq: 06 May 2020 12:19

Tgt Ion:225 Resp: 42108
 Ion Ratio Lower Upper
 225 100
 223 62.2 32.3 96.9
 227 63.7 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: 17.737 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

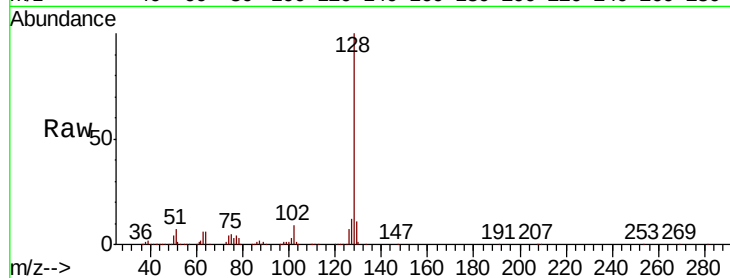
Tot Ion:128 Resp: 301622

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

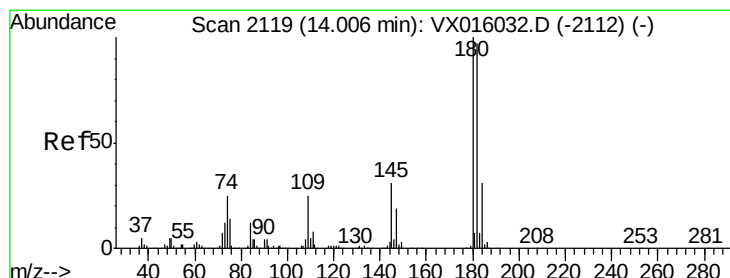
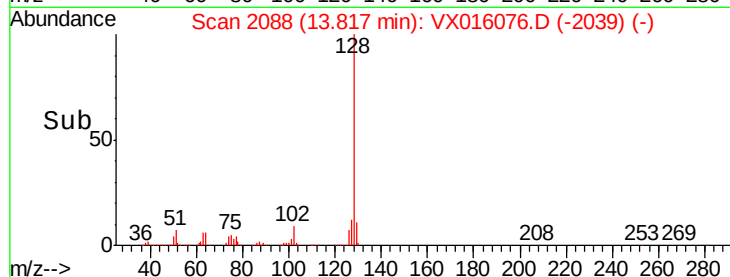
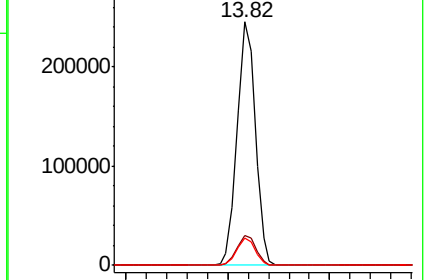
129 11.1 8.7 13.1



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: 18.001 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016076.D

Acq: 06 May 2020 12:19

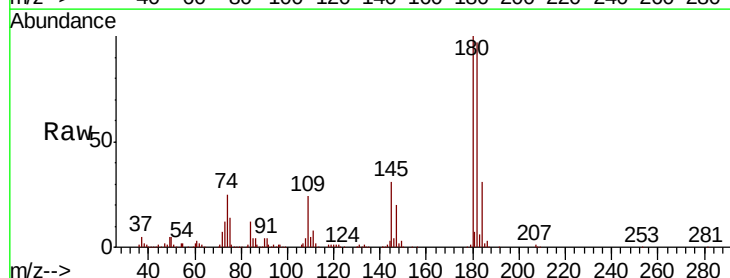
Tgt Ion:180 Resp: 92390

Ion Ratio Lower Upper

180 100

182 95.3 48.4 145.0

145 32.2 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

