

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050620\
 Data File : VX016081.D
 Acq On : 06 May 2020 16:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 07 07:15:06 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	5.62	168	315864	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	482435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	447156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225721	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	185720	44.68	ug/l	0.00
Spiked Amount			Recovery	=	89.36%	
35) Dibromofluoromethane	5.46	113	144734	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	
50) Toluene-d8	8.70	98	566288	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
62) 4-Bromofluorobenzene	11.12	95	216592	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	161972	48.446	ug/l	100
3) Chloromethane	1.31	50	178020	45.849	ug/l	98
4) Vinyl Chloride	1.39	62	192476	46.464	ug/l	100
5) Bromomethane	1.62	94	91103	43.623	ug/l	99
6) Chloroethane	1.70	64	120386	47.763	ug/l	99
7) Trichlorofluoromethane	1.91	101	258565	47.544	ug/l	100
8) Diethyl Ether	2.17	74	106206	46.349	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	146974	46.842	ug/l	98
10) Methyl Iodide	2.49	142	198407	47.076	ug/l	99
11) Tert butyl alcohol	3.01	59	237602	226.060	ug/l	100
12) 1,1-Dichloroethene	2.36	96	150467	45.826	ug/l	98
13) Acrolein	2.27	56	132560	201.546	ug/l	99
14) Allyl chloride	2.70	41	285710	47.457	ug/l	99
15) Acrylonitrile	3.11	53	508114	233.034	ug/l	99
16) Acetone	2.42	43	424506	228.897	ug/l	99
17) Carbon Disulfide	2.55	76	460509	46.689	ug/l	99
18) Methyl Acetate	2.75	43	214612	47.065	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	548000	48.414	ug/l	99
20) Methylene Chloride	2.83	84	174018	45.517	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	167998	45.914	ug/l	98
22) Diisopropyl ether	3.82	45	546245	48.095	ug/l	99
23) Vinyl Acetate	3.78	43	2432361	243.422	ug/l	100
24) 1,1-Dichloroethane	3.67	63	305606	48.100	ug/l	100
25) 2-Butanone	4.63	43	699341	234.014	ug/l	99
26) 2,2-Dichloropropane	4.55	77	277974	47.907	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	189734	47.432	ug/l	100
28) Bromochloromethane	4.98	49	134941	46.578	ug/l	99
29) Tetrahydrofuran	5.08	42	462463	233.548	ug/l	99
30) Chloroform	5.17	83	303178	47.926	ug/l	98
31) Cyclohexane	5.54	56	278782	48.281	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	275290	47.875	ug/l	99
36) 1,1-Dichloropropene	5.76	75	234846	49.453	ug/l	99
37) Ethyl Acetate	4.79	43	269236	48.915	ug/l	99
38) Carbon Tetrachloride	5.75	117	245399	50.840	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050620\
 Data File : VX016081.D
 Acq On : 06 May 2020 16:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 07 07:15:06 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	288339	50.418	ug/l	98
40) Benzene	6.11	78	686740	49.423	ug/l	98
41) Methacrylonitrile	5.00	41	144988	48.777	ug/l	99
42) 1,2-Dichloroethane	6.16	62	246096	49.166	ug/l	100
43) Isopropyl Acetate	6.41	43	434699	49.499	ug/l	100
44) Trichloroethene	7.18	130	242592	49.144	ug/l	98
45) 1,2-Dichloropropane	7.49	63	176859	50.302	ug/l	99
46) Dibromomethane	7.63	93	118632	49.651	ug/l	99
47) Bromodichloromethane	7.87	83	246338	50.622	ug/l	100
48) Methyl methacrylate	7.74	41	206567	49.640	ug/l	100
49) 1,4-Dioxane	7.71	88	95546	957.351	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1342058	249.729	ug/l	100
52) Toluene	8.76	92	433856	50.093	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	287776	49.599	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	302848	49.973	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	170684	50.090	ug/l	99
56) Ethyl methacrylate	9.16	69	283659	50.998	ug/l	99
57) 1,3-Dichloropropane	9.35	76	299174	50.317	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	741320	250.346	ug/l	100
59) 2-Hexanone	9.47	43	1039925	246.405	ug/l	99
60) Dibromochloromethane	9.57	129	193862	51.656	ug/l	100
61) 1,2-Dibromoethane	9.65	107	184251	49.919	ug/l	100
64) Tetrachloroethene	9.32	164	274371	49.982	ug/l	98
65) Chlorobenzene	10.12	112	463181	49.470	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	175379	50.678	ug/l	99
67) Ethyl Benzene	10.24	91	833190	49.874	ug/l	100
68) m/p-Xylenes	10.34	106	639319	102.143	ug/l	100
69) o-Xylene	10.68	106	304662	50.638	ug/l	100
70) Styrene	10.70	104	523582	51.297	ug/l	100
71) Bromoform	10.84	173	147140	52.187	ug/l #	100
73) Isopropylbenzene	11.00	105	814876	49.634	ug/l	100
74) N-amyl acetate	10.88	43	372267	48.612	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	149848	46.902	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	332773	64.968	ug/l	84
77) Bromobenzene	11.24	156	204435	48.242	ug/l	99
78) n-propylbenzene	11.34	91	954976	50.000	ug/l	99
79) 2-Chlorotoluene	11.40	91	559373	49.617	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	699877	50.489	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	107211	49.880	ug/l	98
82) 4-Chlorotoluene	11.49	91	658563	49.467	ug/l	100
83) tert-Butylbenzene	11.76	119	598157	50.071	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	705223	50.322	ug/l	99
85) sec-Butylbenzene	11.93	105	809192	50.169	ug/l	100
86) p-Isopropyltoluene	12.05	119	762285	50.903	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	372022	48.893	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	371192	48.064	ug/l	100
89) n-Butylbenzene	12.37	91	683246	49.942	ug/l	100
90) Hexachloroethane	12.58	117	130508	50.744	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	352246	48.078	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	62814	46.530	ug/l	98

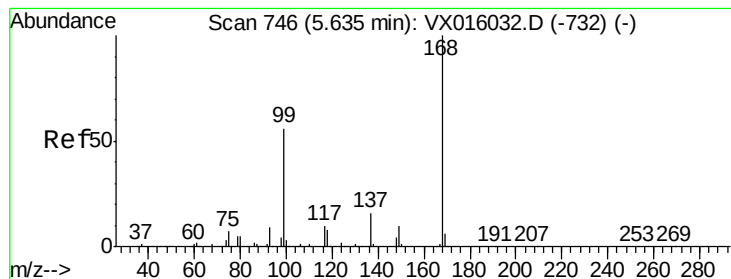
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050620\
Data File : VX016081.D
Acq On : 06 May 2020 16:41
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 07 07:15:06 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	262288	48.354	ug/l	99
94) Hexachlorobutadiene	13.77	225	124692	53.349	ug/l	98
95) Naphthalene	13.82	128	850221	48.407	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	258812	48.821	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

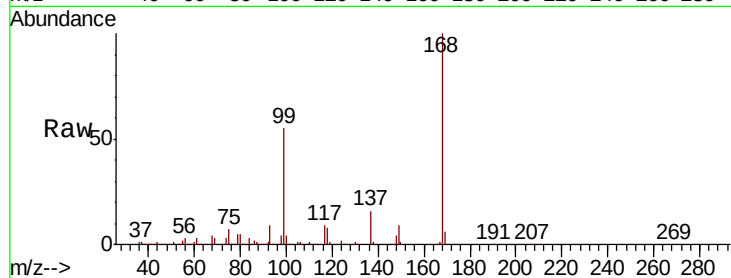
ClientSampleId :

Tot Ion:168 Resp: 315864

Ion Ratio Lower Upper

168 100

99 54.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.62

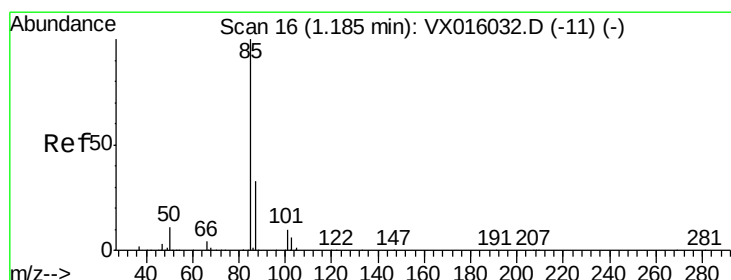
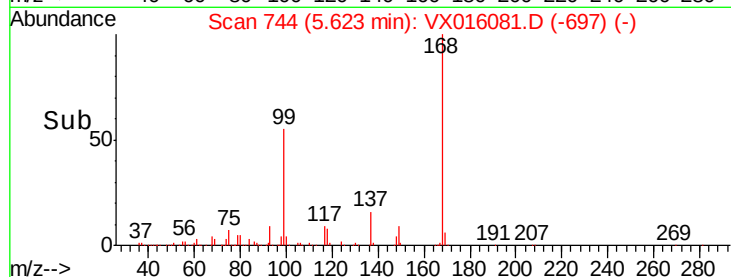
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.446 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016081.D

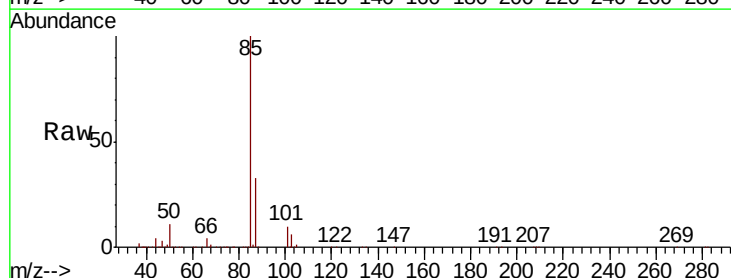
Acq: 06 May 2020 16:41

Tgt Ion: 85 Resp: 161972

Ion Ratio Lower Upper

85 100

87 32.7 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

150000

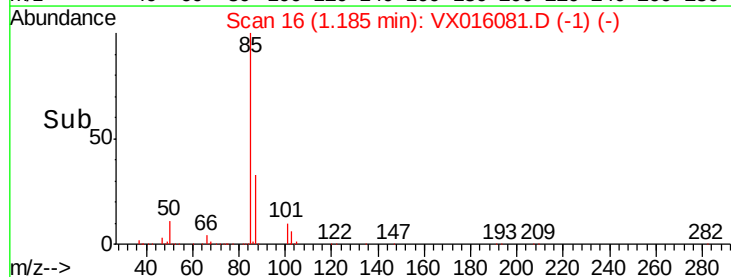
100000

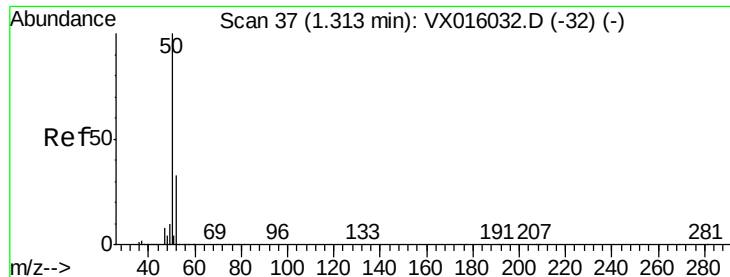
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.849 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

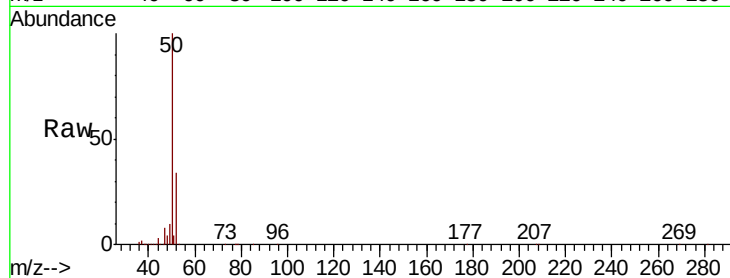
ClientSampleId :

Tot Ion: 50 Resp: 178020

Ion Ratio Lower Upper

50 100

52 33.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

200000

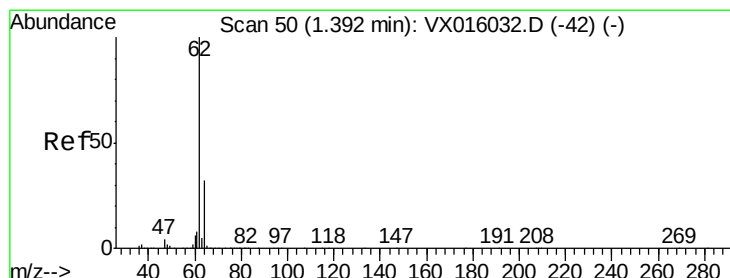
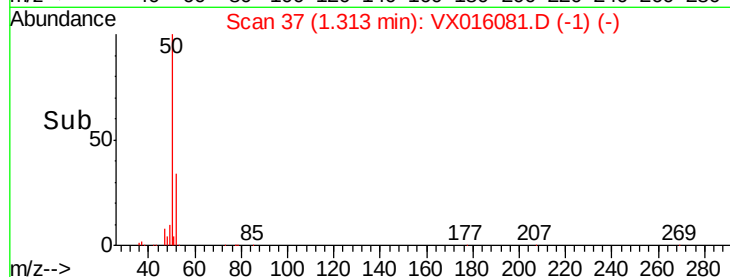
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 46.464 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016081.D

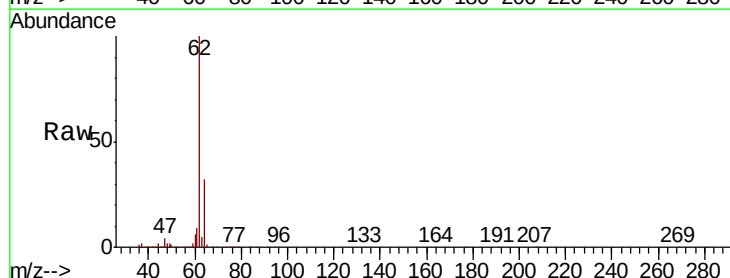
Acq: 06 May 2020 16:41

Tgt Ion: 62 Resp: 192476

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

200000

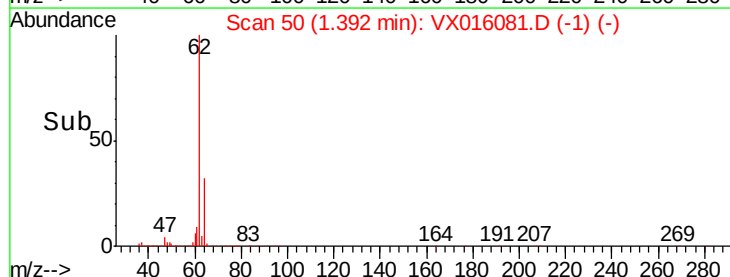
150000

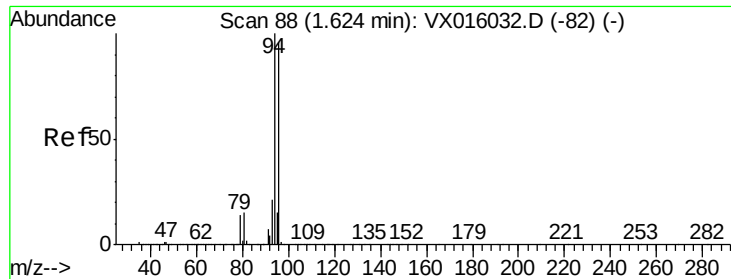
100000

50000

0

Time-->





#5

Bromomethane

Concen: 43.623 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

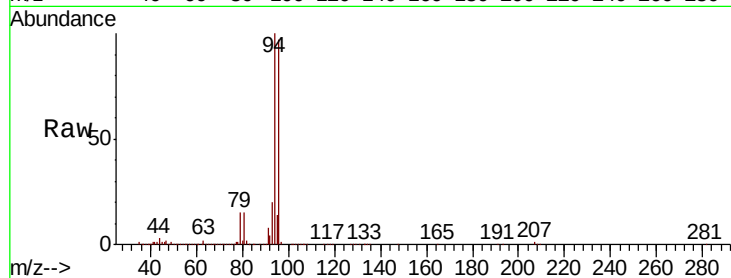
ClientSampleId :

Tot Ion: 94 Resp: 91103

Ion Ratio Lower Upper

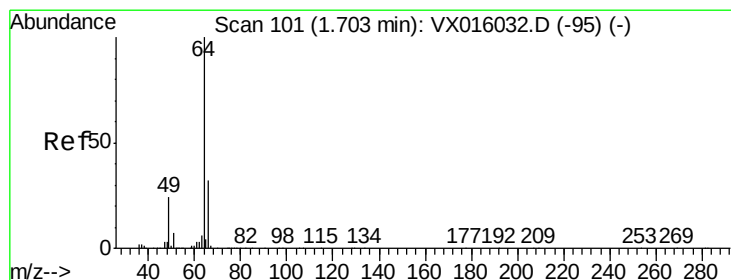
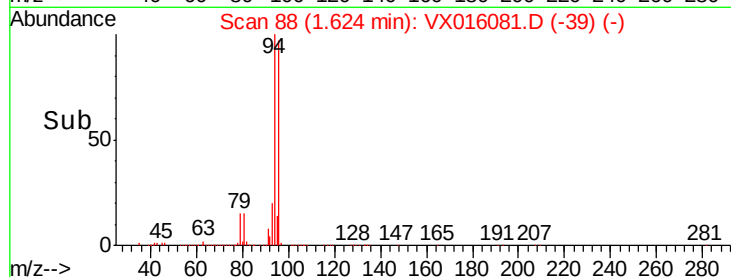
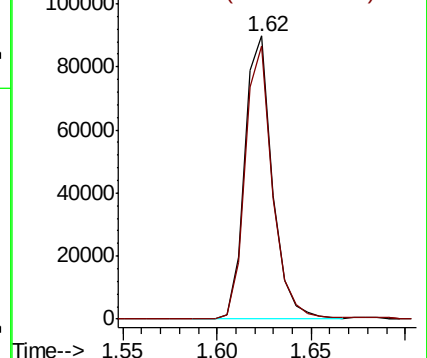
94 100

96 96.6 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.763 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016081.D

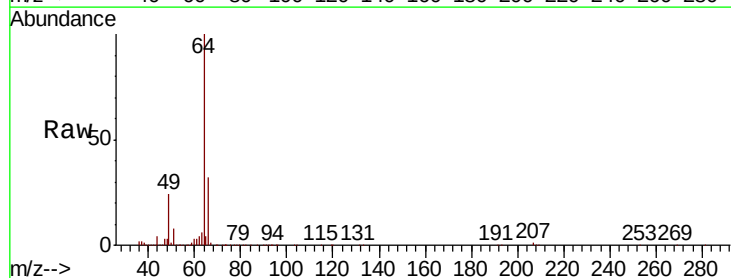
Acq: 06 May 2020 16:41

Tgt Ion: 64 Resp: 120386

Ion Ratio Lower Upper

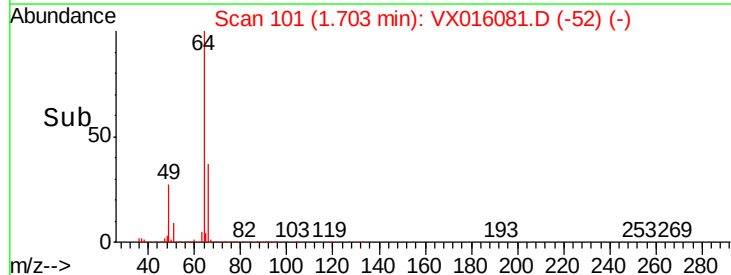
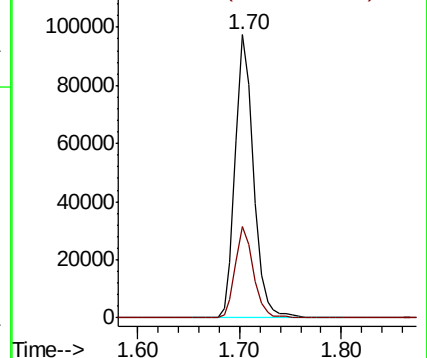
64 100

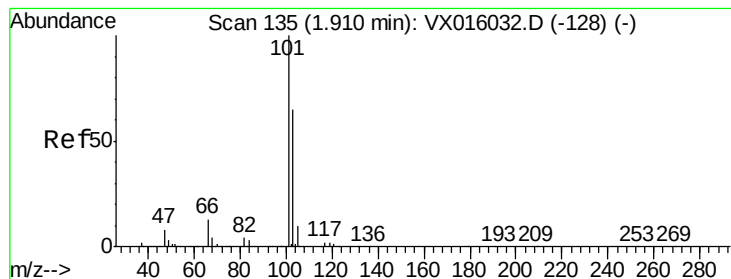
66 32.1 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



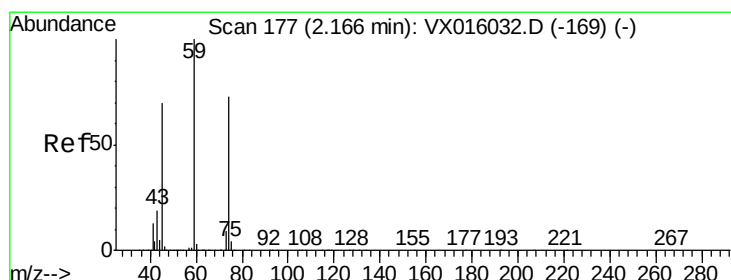
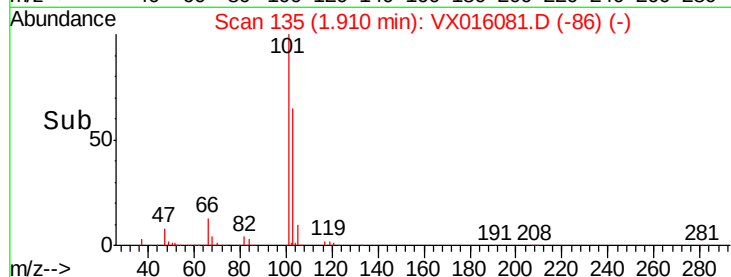
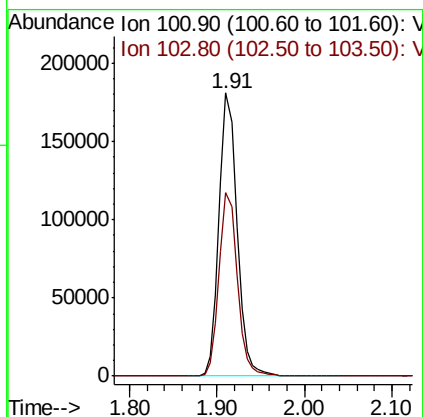
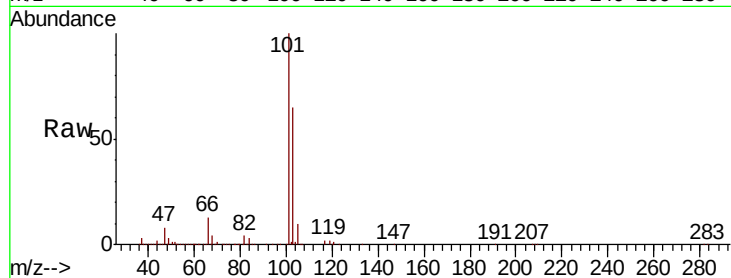


#7

Trichlorofluoromethane
Concen: 47.544 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :

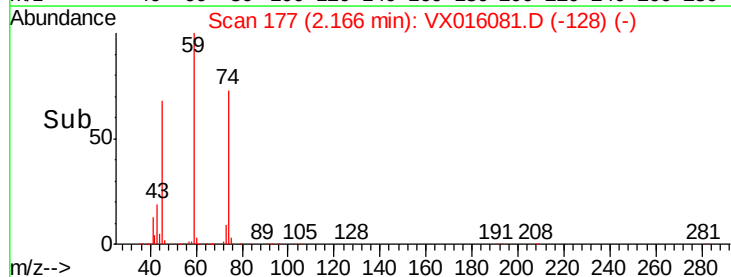
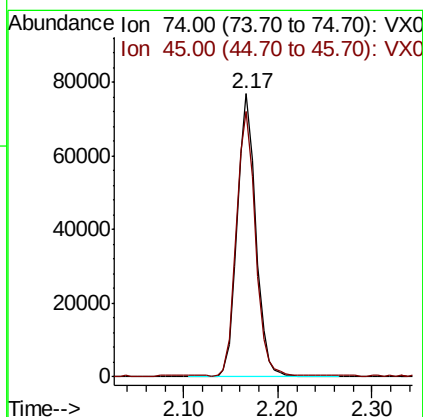
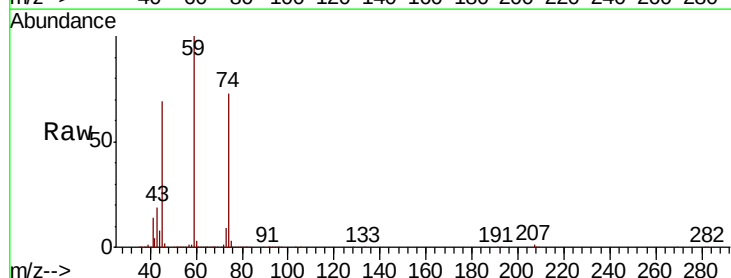
Tot Ion:101 Resp: 258565
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

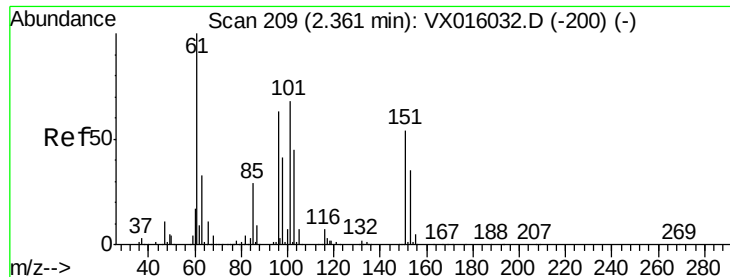


#8

Diethyl Ether
Concen: 46.349 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion: 74 Resp: 106206
Ion Ratio Lower Upper
74 100
45 95.5 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.842 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampled :

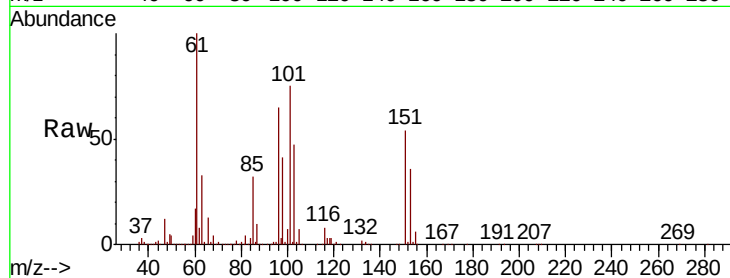
Tot Ion:101 Resp: 146974

Ion Ratio Lower Upper

101 100

85 43.7 34.2 51.4

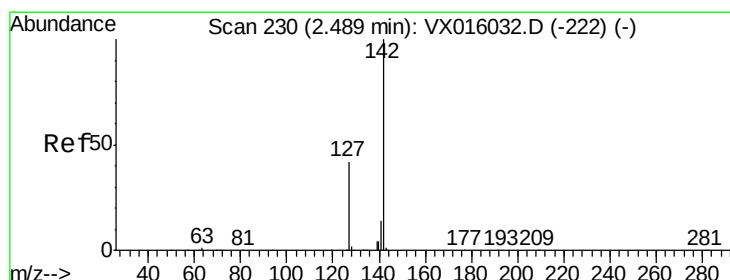
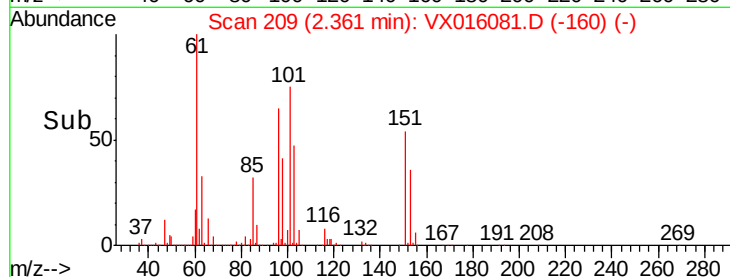
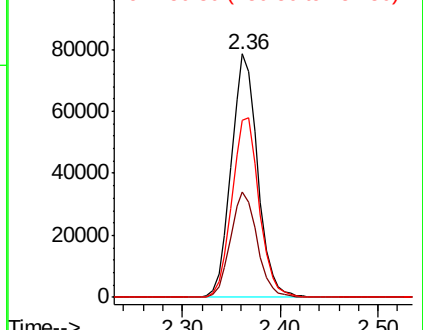
151 76.2 62.1 93.1



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: 47.076 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

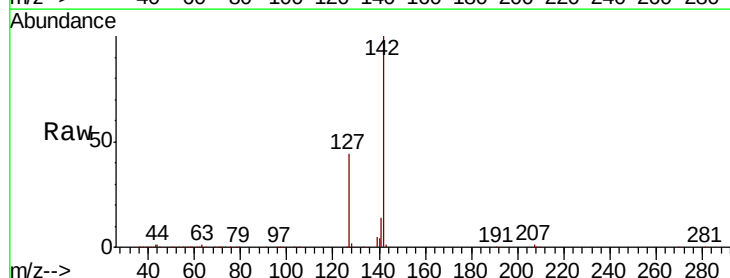
Tgt Ion:142 Resp: 198407

Ion Ratio Lower Upper

142 100

127 43.7 34.6 52.0

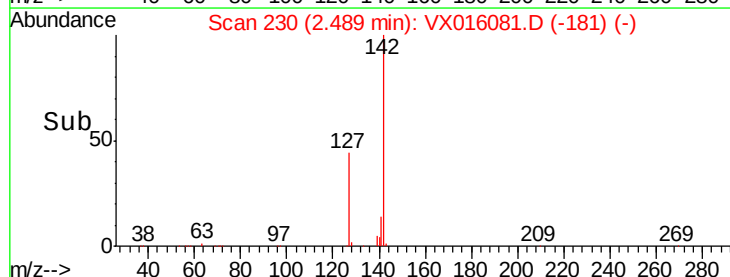
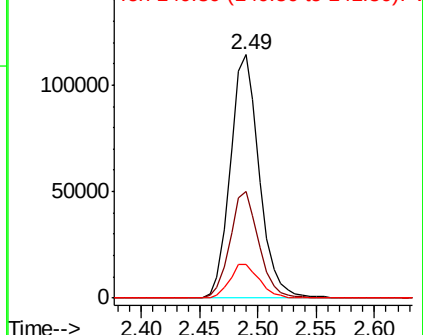
141 14.3 11.3 16.9

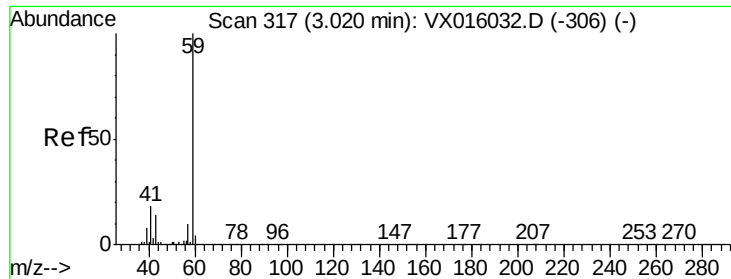


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



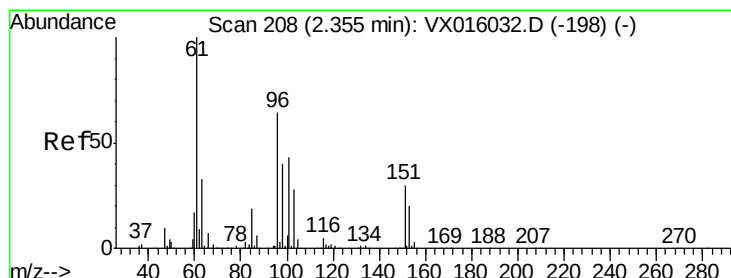
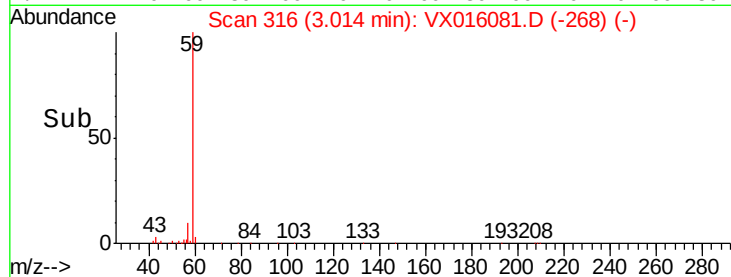
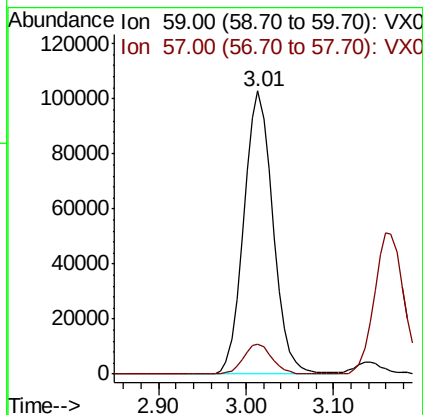
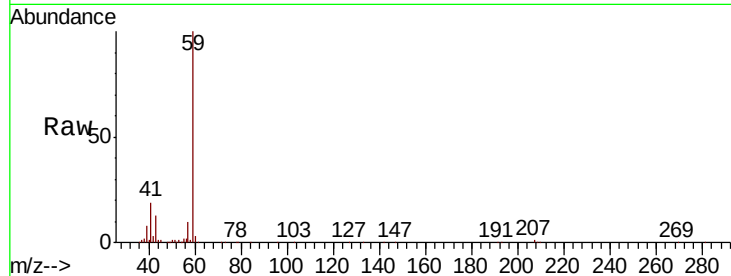


#11

Tert butyl alcohol
 Concen: 226.060 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Instrument :
 MSVOA_X
 ClientSampleId :

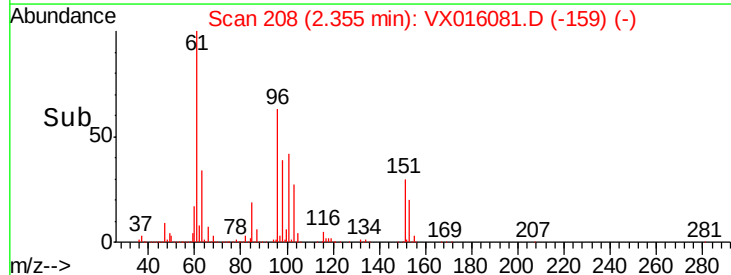
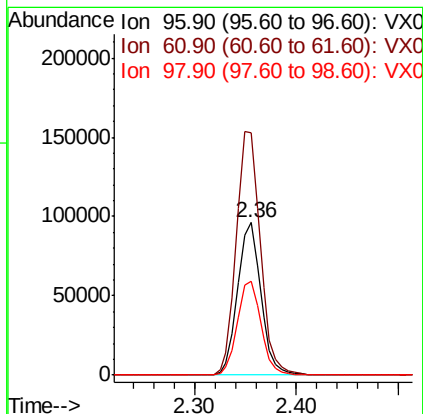
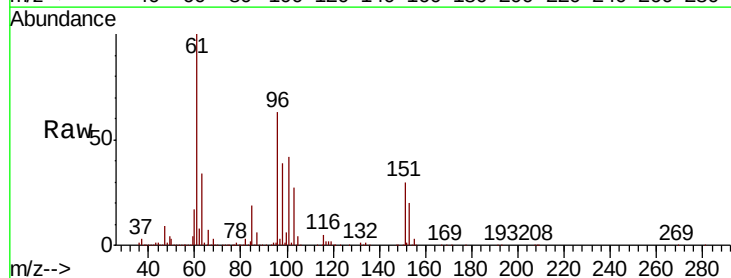
Tot Ion: 59 Resp: 237602
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4

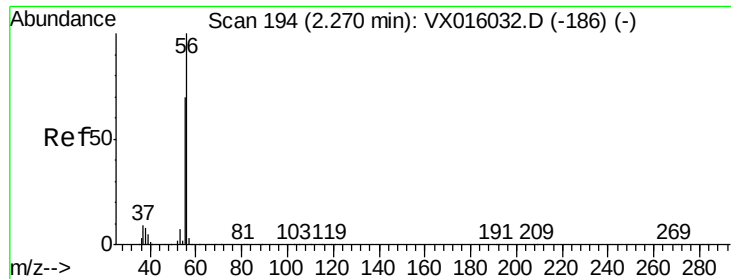


#12

1,1-Dichloroethene
 Concen: 45.826 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion: 96 Resp: 150467
 Ion Ratio Lower Upper
 96 100
 61 159.5 124.8 187.2
 98 62.2 49.7 74.5





#13

Acrolein

Concen: 201.546 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

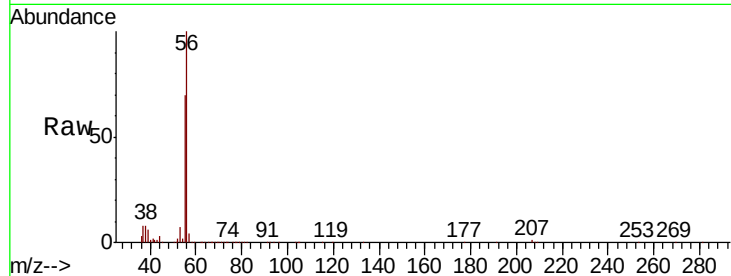
ClientSampleId :

Tot Ion: 56 Resp: 132560

Ion Ratio Lower Upper

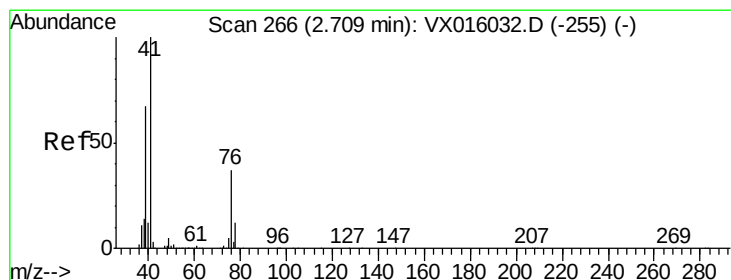
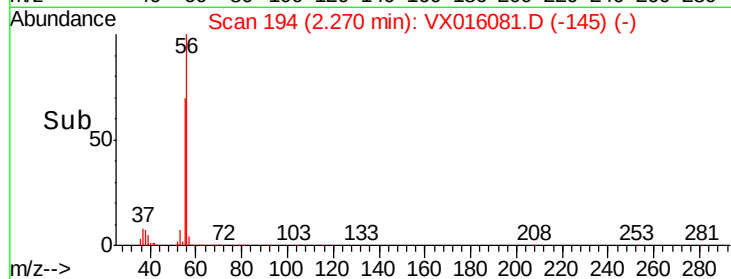
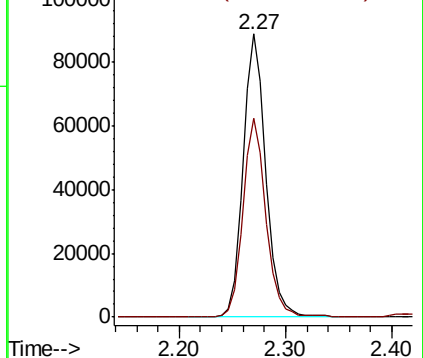
56 100

55 71.1 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.457 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

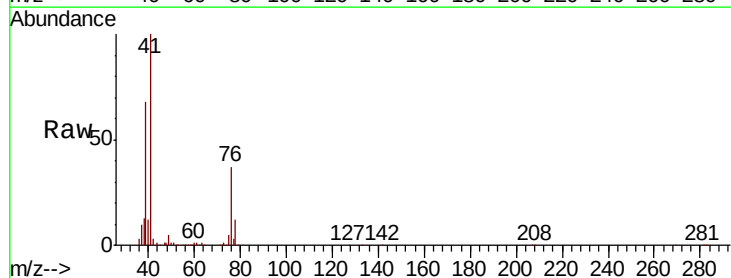
Tgt Ion: 41 Resp: 285710

Ion Ratio Lower Upper

41 100

39 62.5 50.5 75.7

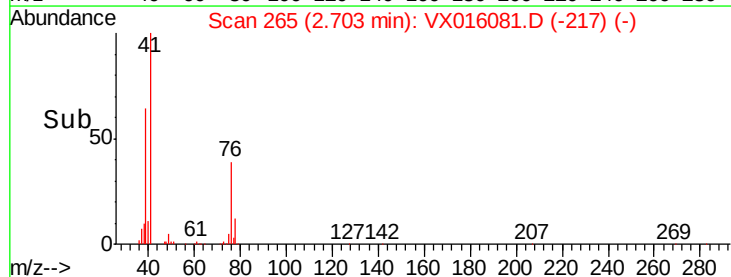
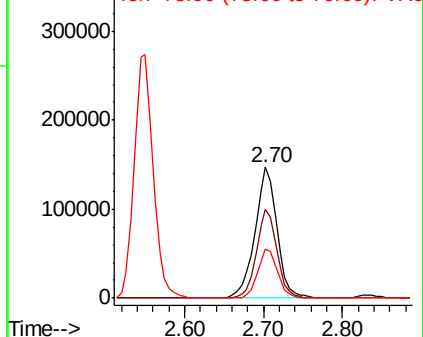
76 34.1 26.6 40.0

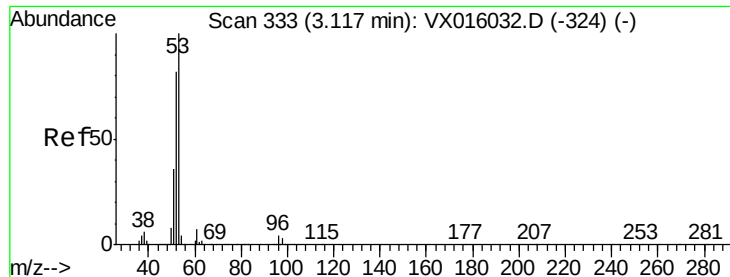


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 233.034 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

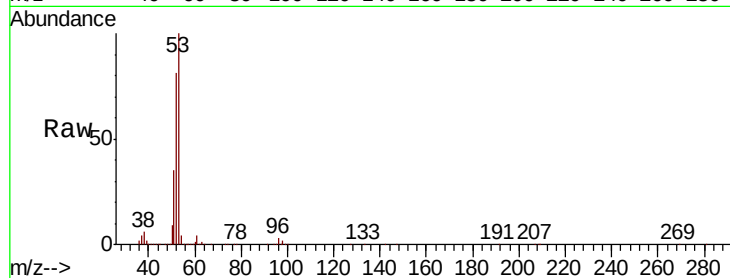
Tot Ion: 53 Resp: 508114

Ion Ratio Lower Upper

53 100

52 81.9 66.1 99.1

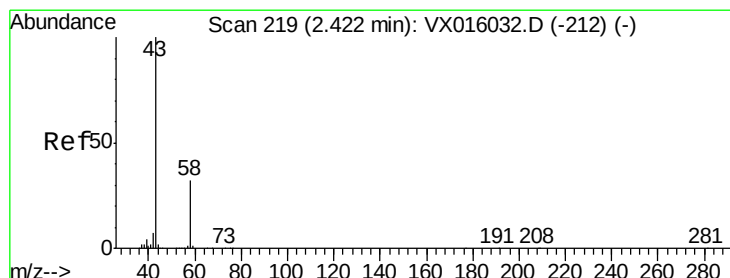
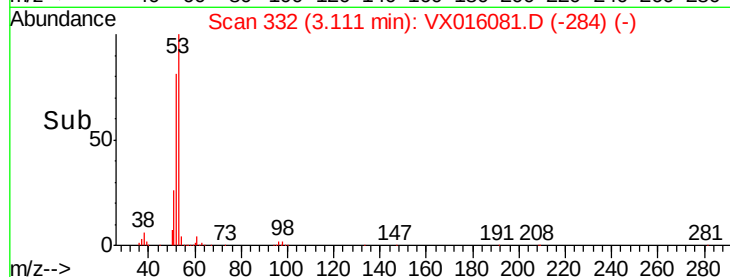
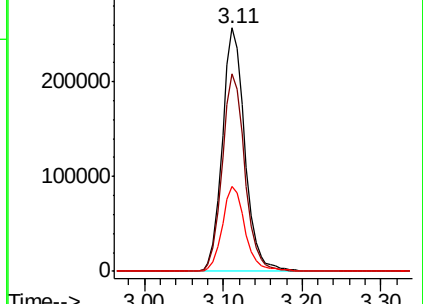
51 35.4 28.8 43.2



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: 228.897 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016081.D

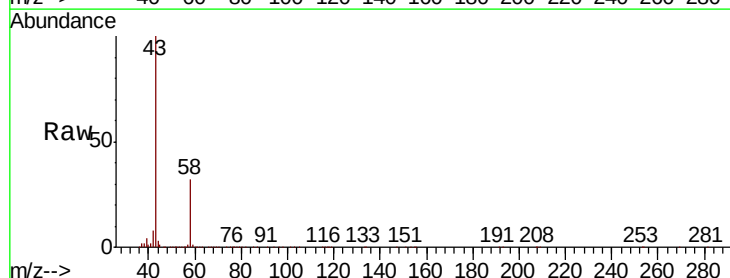
Acq: 06 May 2020 16:41

Tgt Ion: 43 Resp: 424506

Ion Ratio Lower Upper

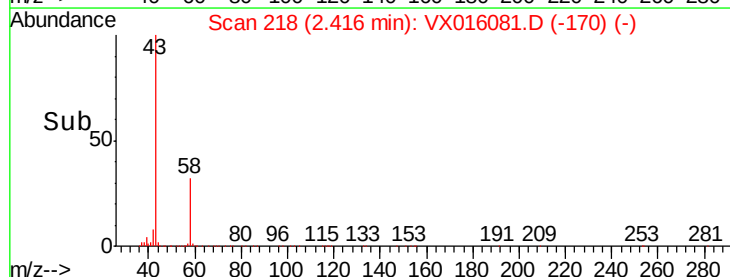
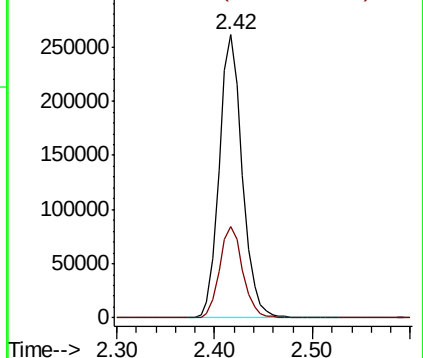
43 100

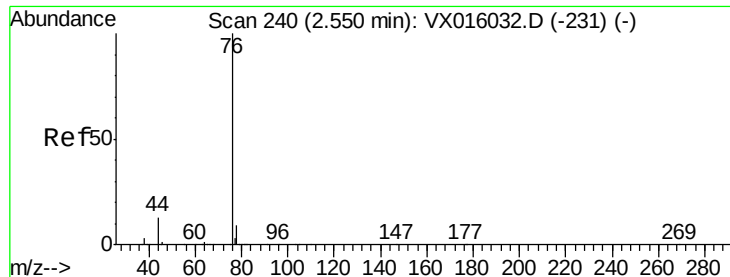
58 32.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.689 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

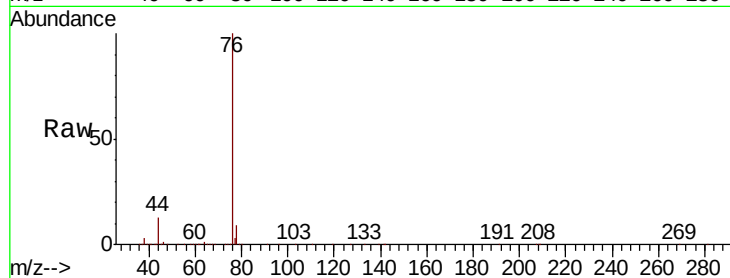
ClientSampleId :

Tot Ion: 76 Resp: 460509

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

300000

250000

200000

150000

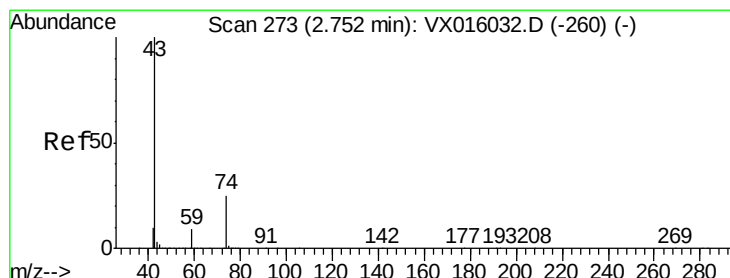
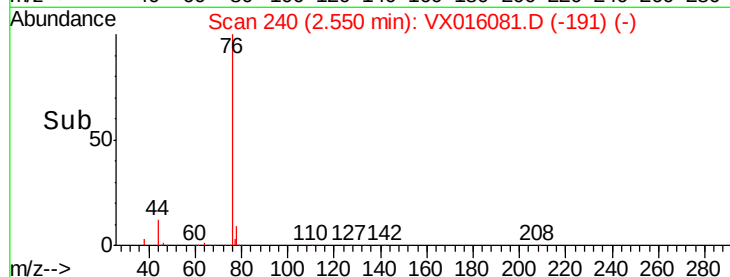
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 47.065 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016081.D

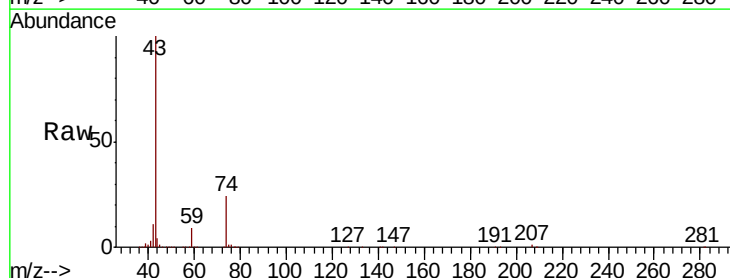
Acq: 06 May 2020 16:41

Tgt Ion: 43 Resp: 214612

Ion Ratio Lower Upper

43 100

74 24.6 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

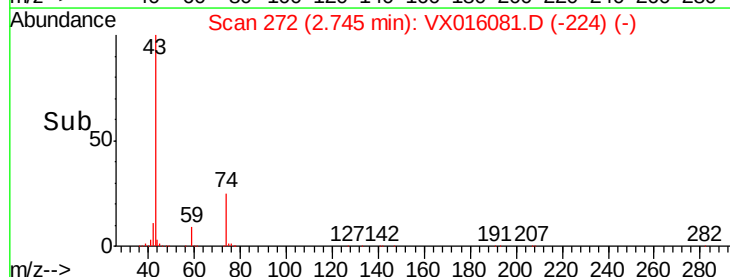
100000

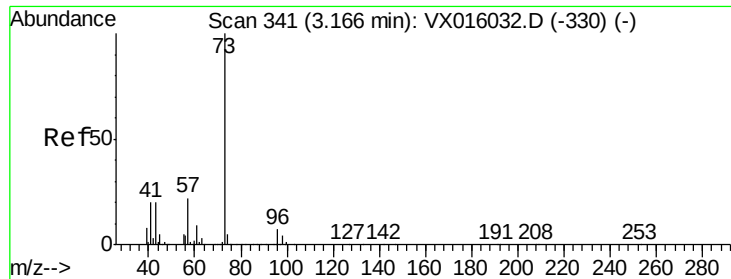
50000

0

2.65 2.70 2.75 2.80 2.85

Time-->

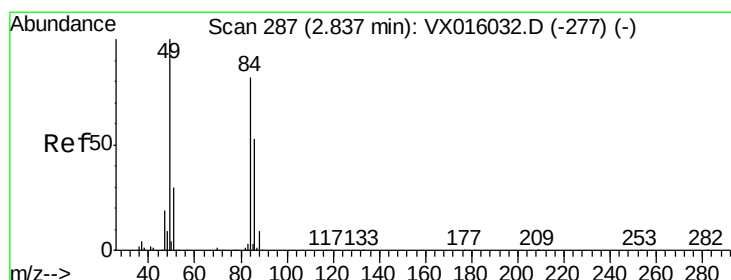
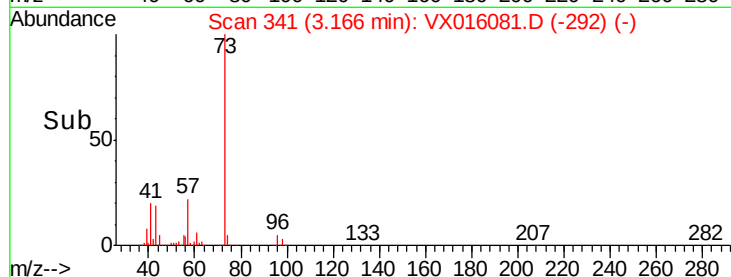
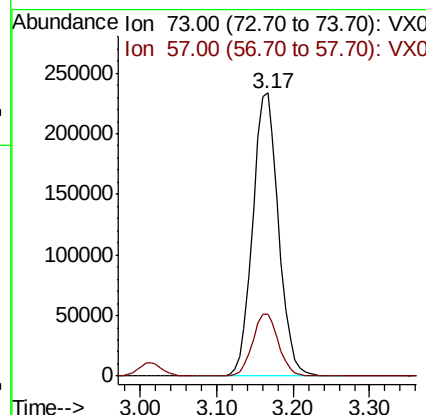
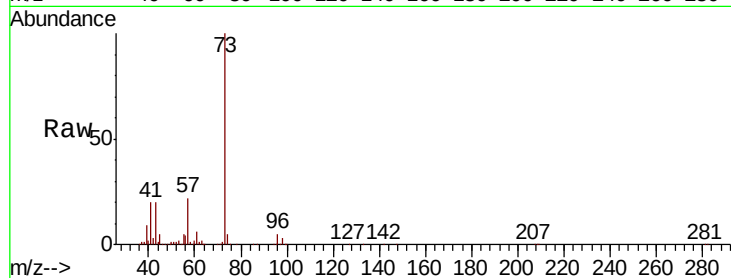




#19
Methyl tert-butyl Ether
Concen: 48.414 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

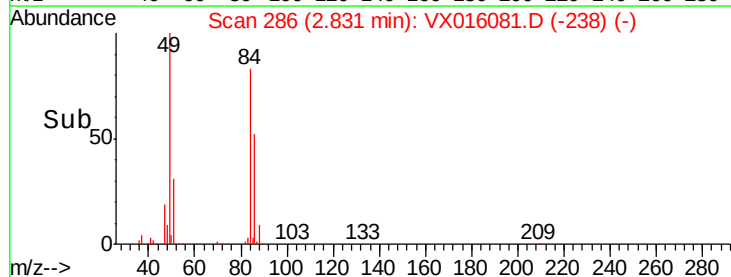
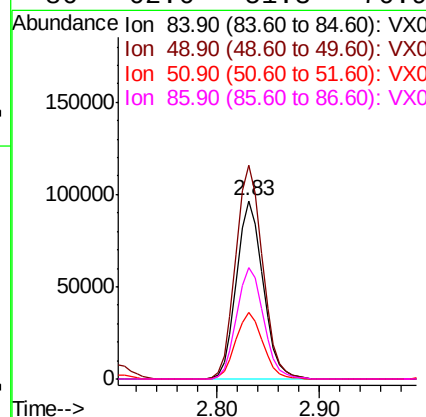
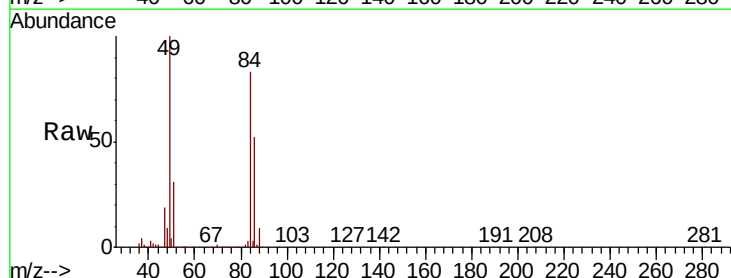
Instrument :
MSVOA_X
ClientSampled :

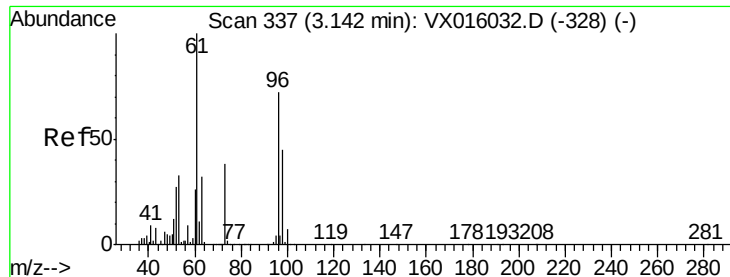
Tot Ion: 73 Resp: 548000
Ion Ratio Lower Upper
73 100
57 21.8 17.8 26.6



#20
Methylene Chloride
Concen: 45.517 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion: 84 Resp: 174018
Ion Ratio Lower Upper
84 100
49 119.8 97.3 145.9
51 37.3 29.3 43.9
86 62.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 45.914 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

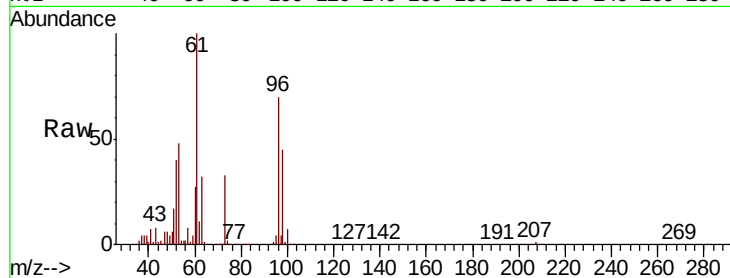
Tot Ion: 96 Resp: 167998

Ion Ratio Lower Upper

96 100

61 141.8 111.2 166.8

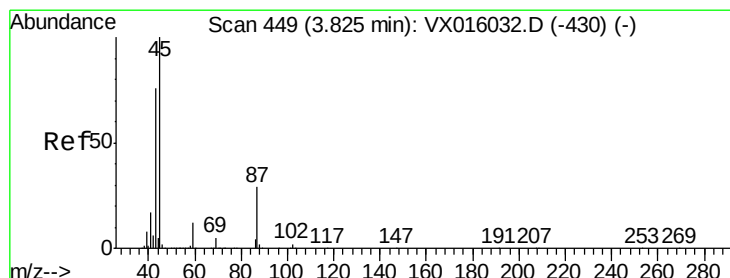
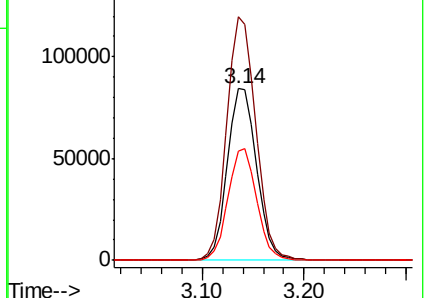
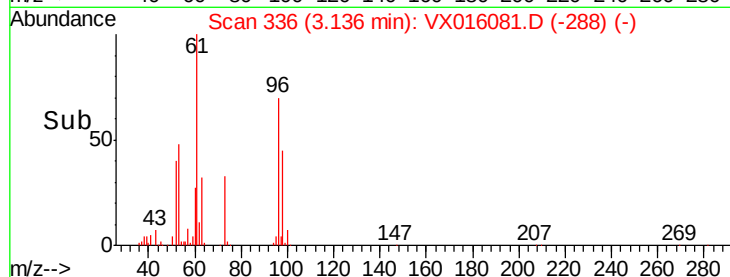
98 63.8 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.095 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Tgt Ion: 45 Resp: 546245

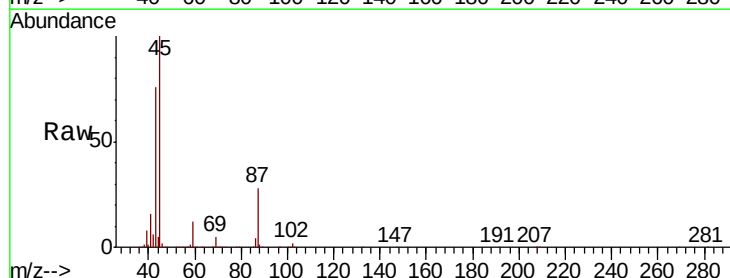
Ion Ratio Lower Upper

45 100

43 75.9 61.1 91.7

87 27.5 23.0 34.6

59 11.6 9.8 14.6

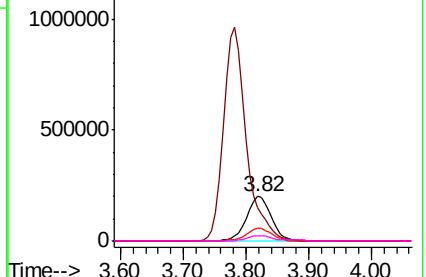
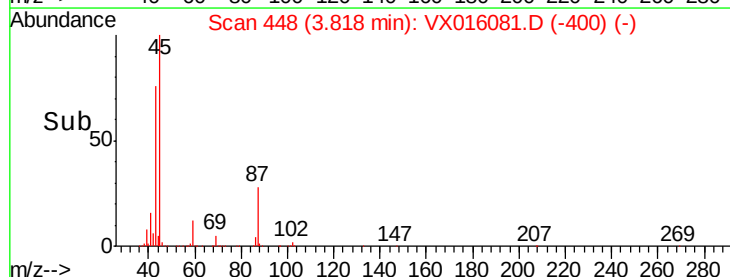


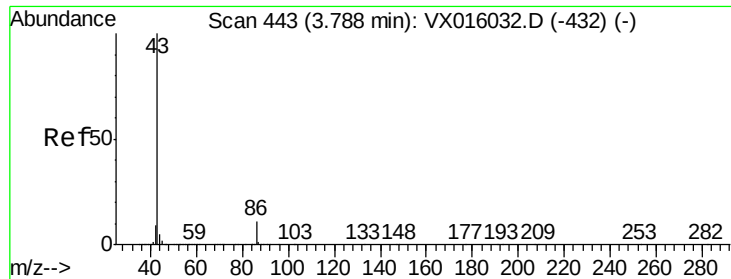
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 243.422 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

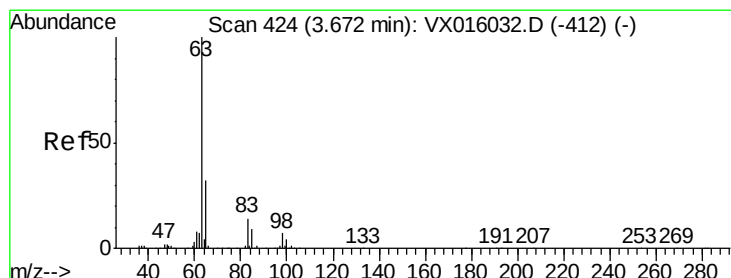
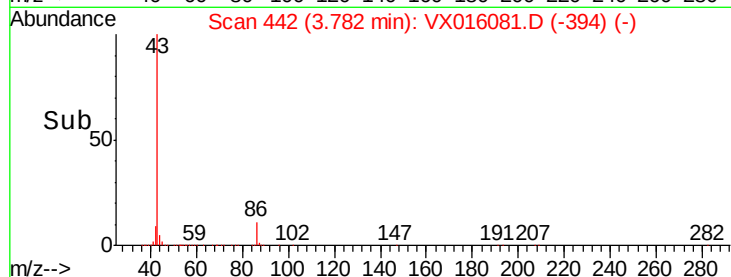
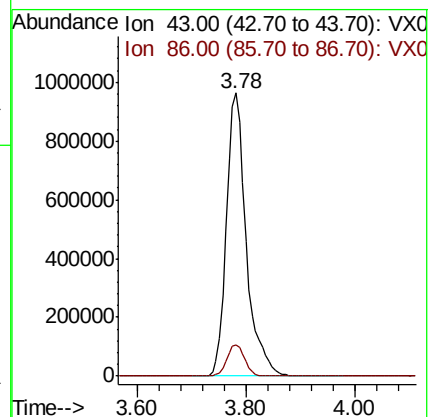
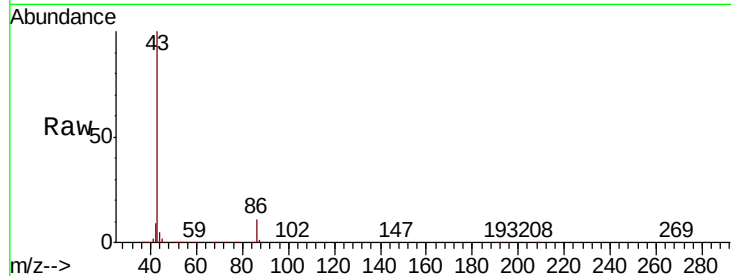
ClientSampled :

Tot Ion: 43 Resp: 2432361

Ion Ratio Lower Upper

43 100

86 11.2 9.0 13.4



#24

1,1-Dichloroethane

Concen: 48.100 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

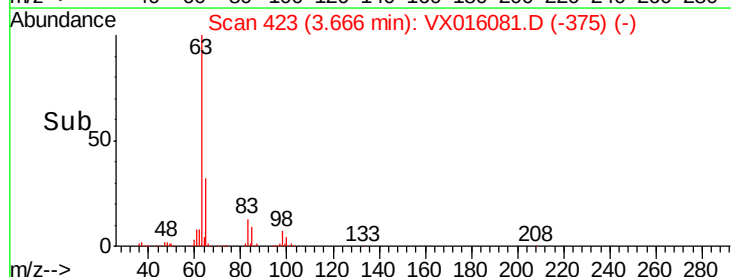
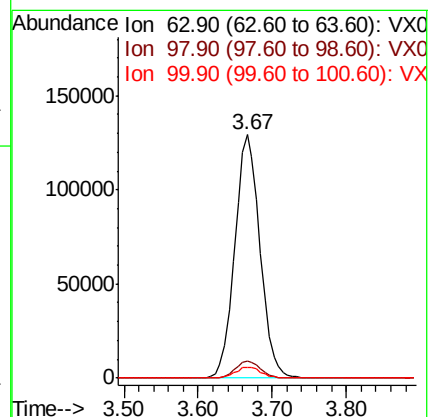
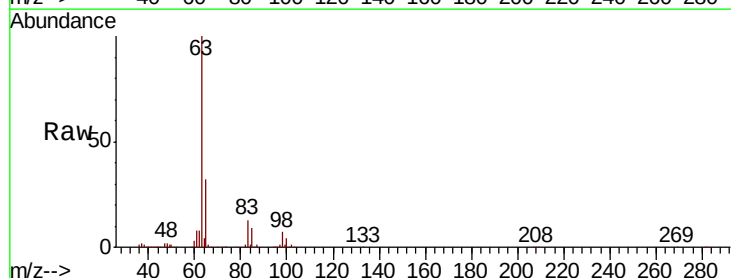
Tgt Ion: 63 Resp: 305606

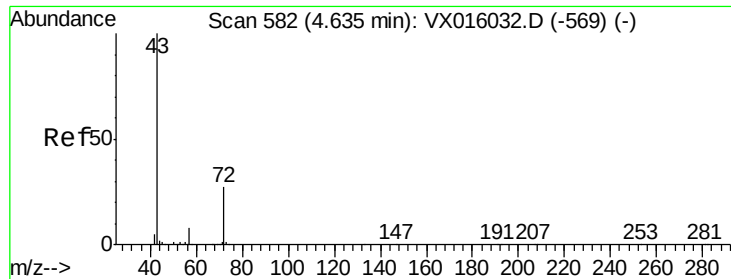
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 234.014 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

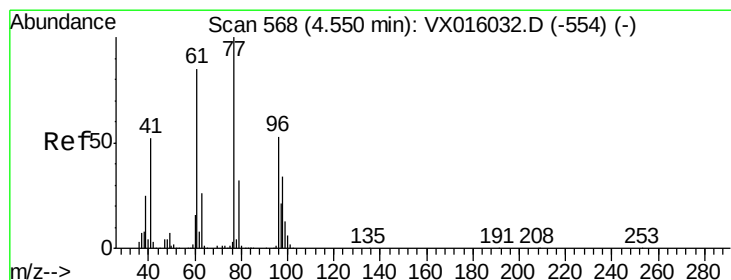
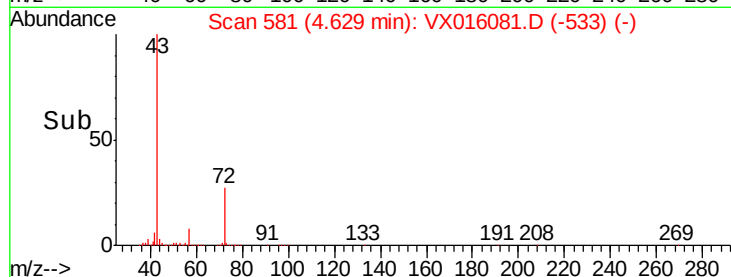
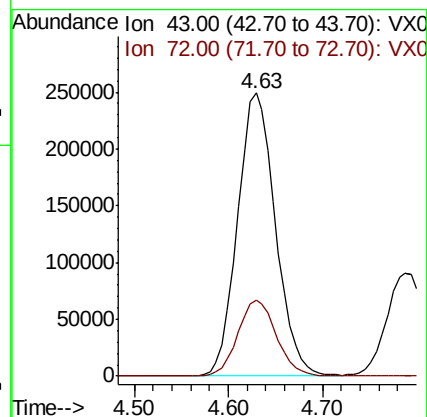
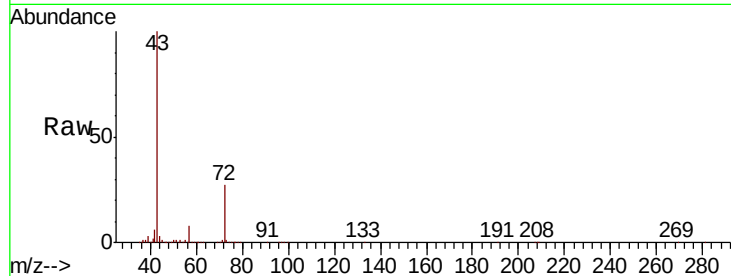
ClientSampled :

Tot Ion: 43 Resp: 699341

Ion Ratio Lower Upper

43 100

72 26.8 21.8 32.8



#26

2,2-Dichloropropane

Concen: 47.907 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016081.D

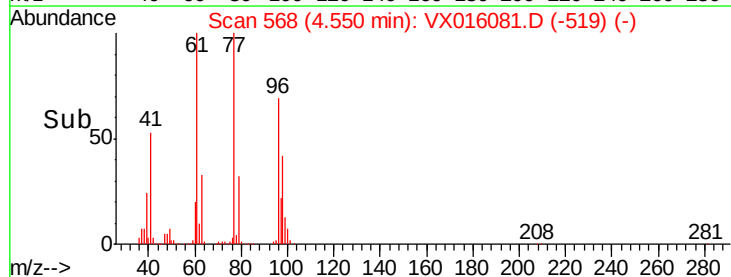
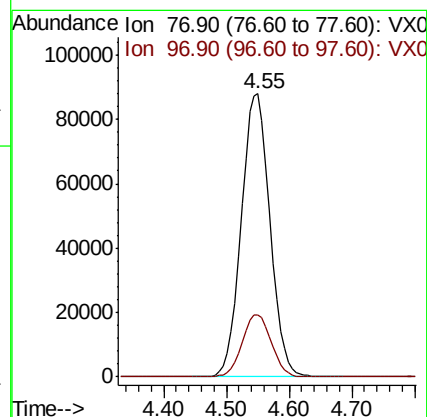
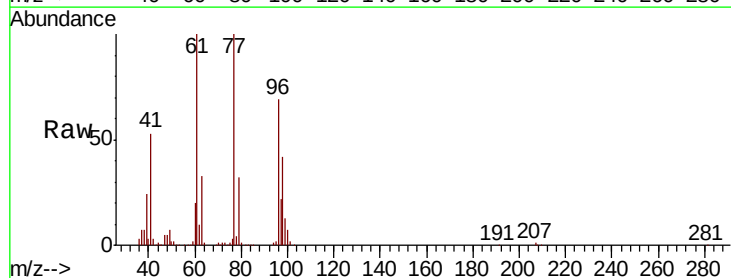
Acq: 06 May 2020 16:41

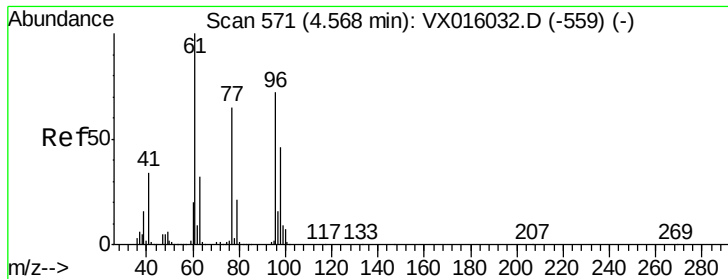
Tgt Ion: 77 Resp: 277974

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6



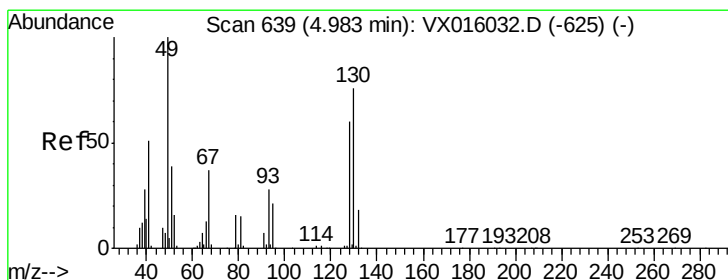
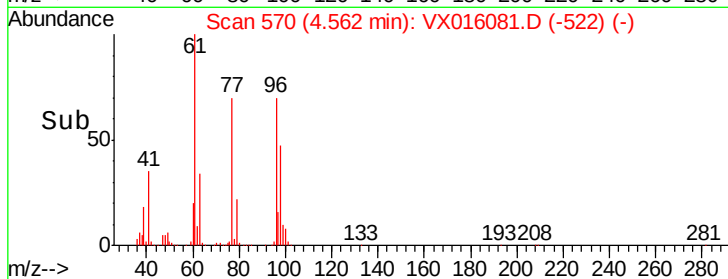
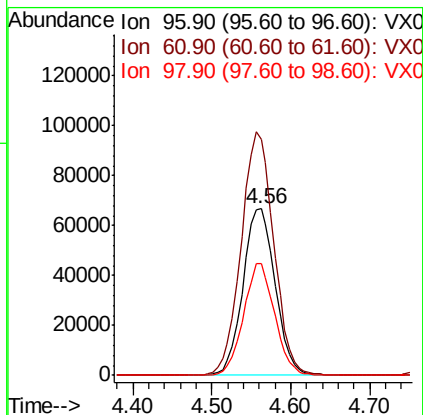
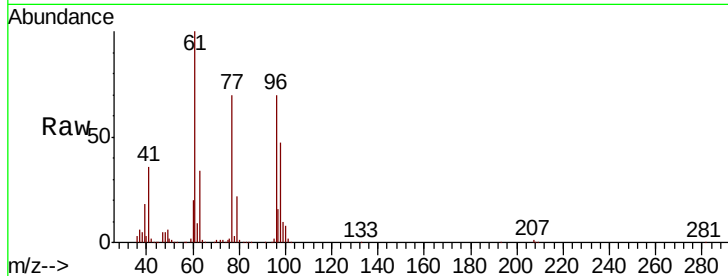


#27

cis-1,2-Dichloroethene
 Concen: 47.432 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Instrument :
 MSVOA_X
 ClientSampleId :

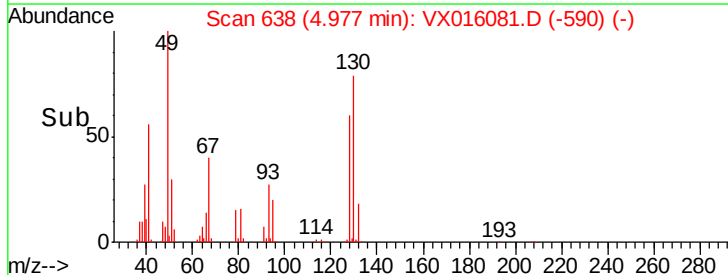
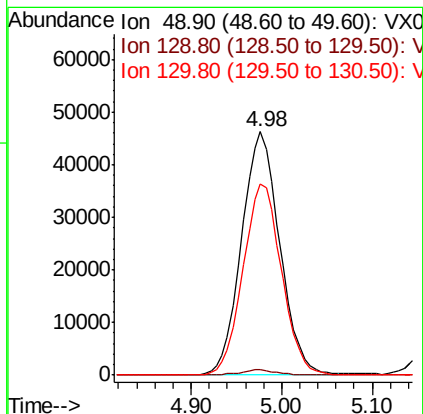
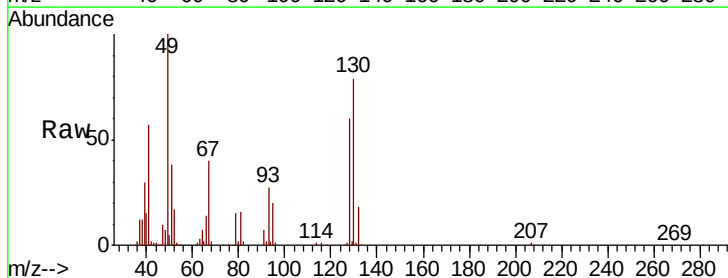
Tot Ion	96	Resp	189734
Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	296.2
98	64.6	0.0	129.4

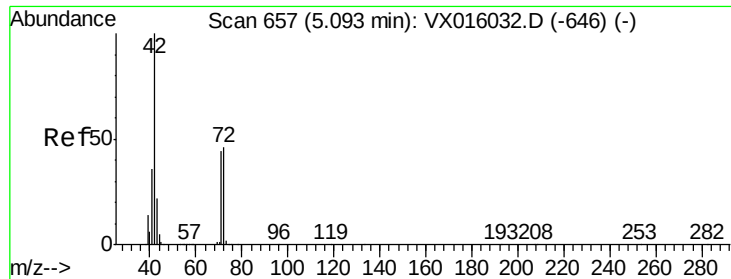


#28

Bromochloromethane
 Concen: 46.578 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion	49	Resp	134941
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	79.2	62.4	93.6





#29

Tetrahydrofuran

Concen: 233.548 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

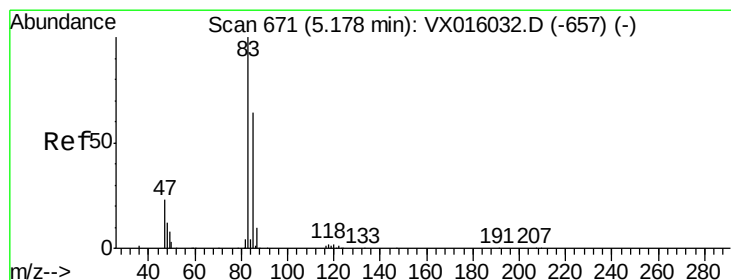
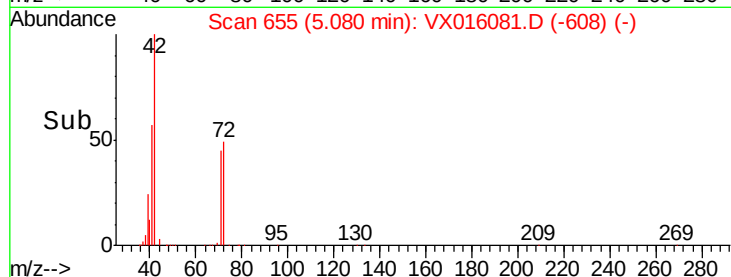
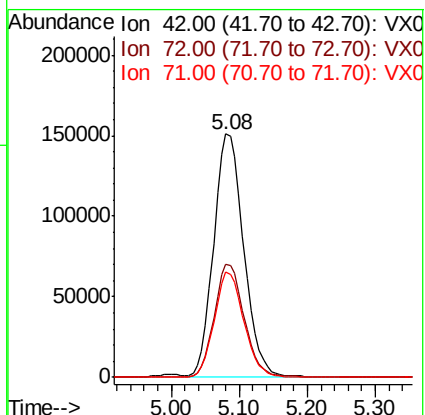
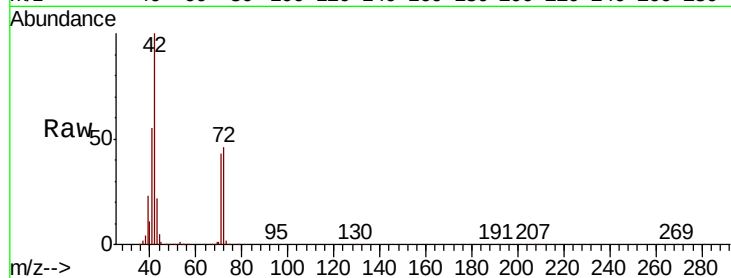
Tot Ion: 42 Resp: 462463

Ion Ratio Lower Upper

42 100

72 46.5 37.1 55.7

71 42.6 34.5 51.7



#30

Chloroform

Concen: 47.926 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016081.D

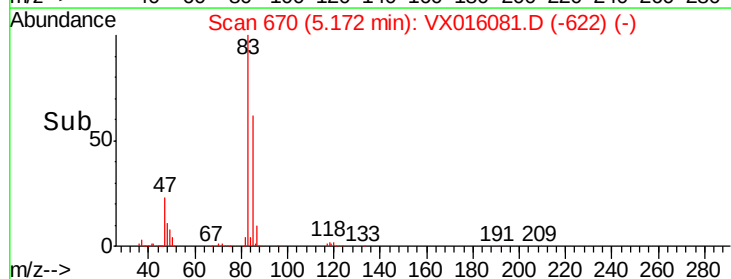
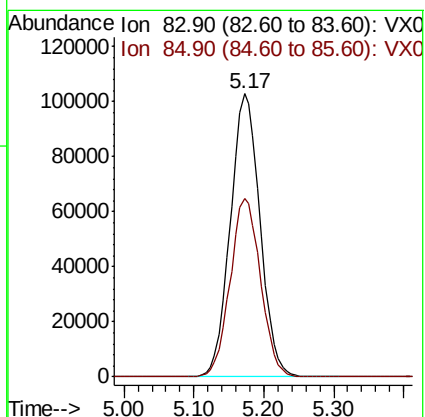
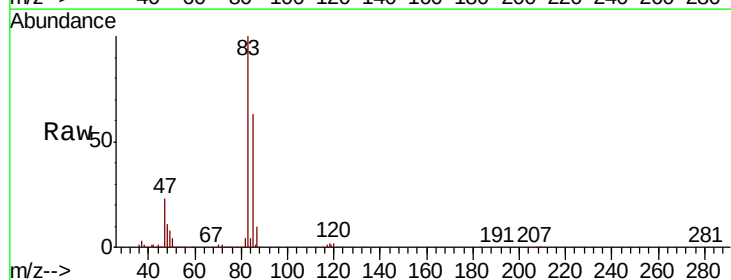
Acq: 06 May 2020 16:41

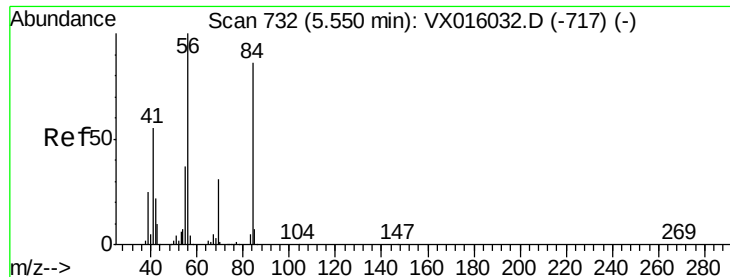
Tgt Ion: 83 Resp: 303178

Ion Ratio Lower Upper

83 100

85 63.1 51.6 77.4

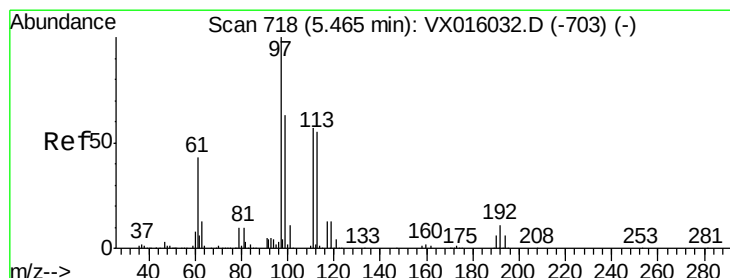
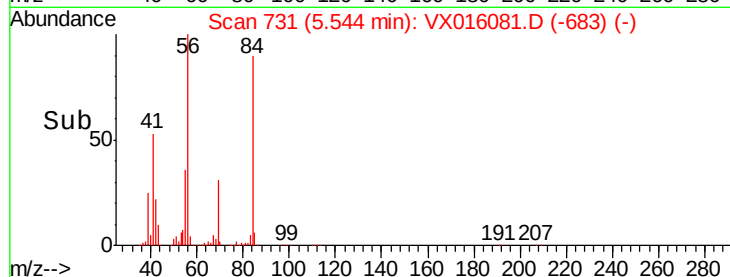
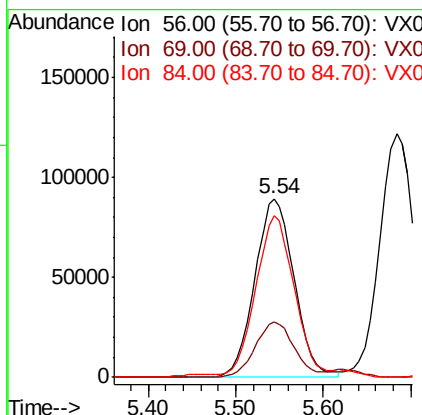
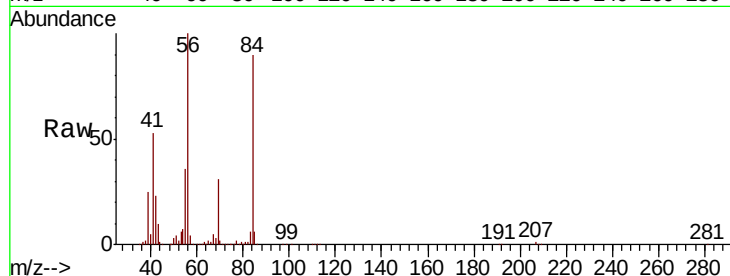




#31
Cyclohexane
Concen: 48.281 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

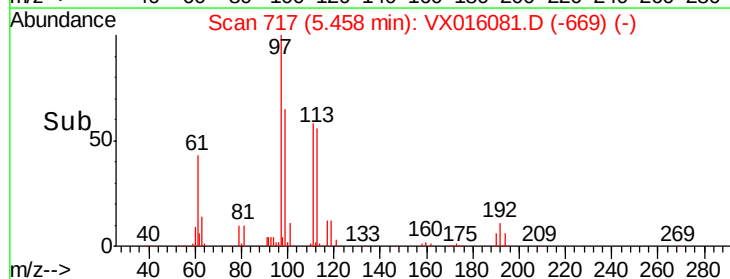
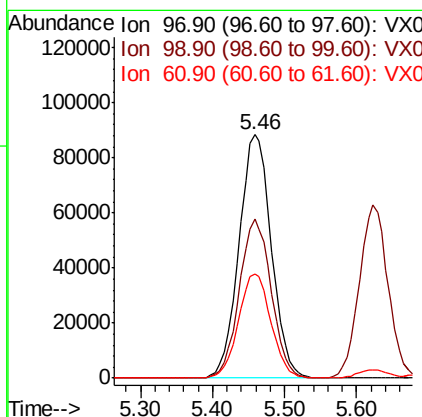
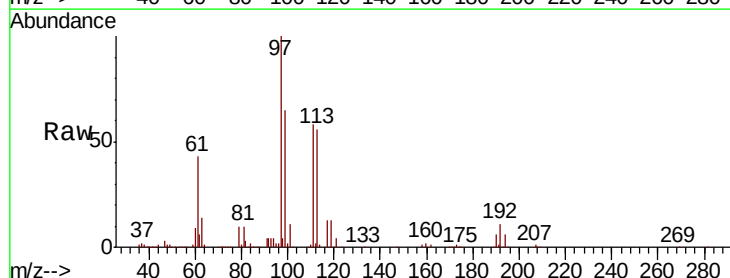
Instrument :
MSVOA_X
ClientSampled :

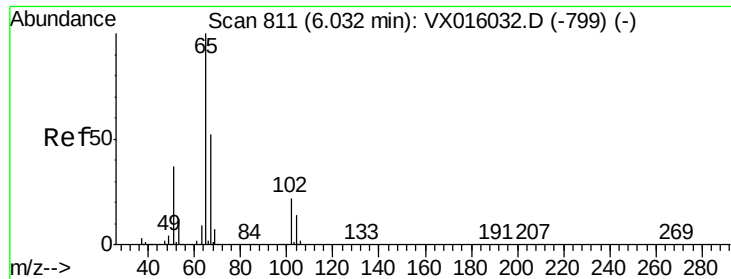
Tot Ion: 56 Resp: 278782
Ion Ratio Lower Upper
56 100
69 31.1 25.0 37.6
84 89.1 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 47.875 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion: 97 Resp: 275290
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 43.1 34.5 51.7

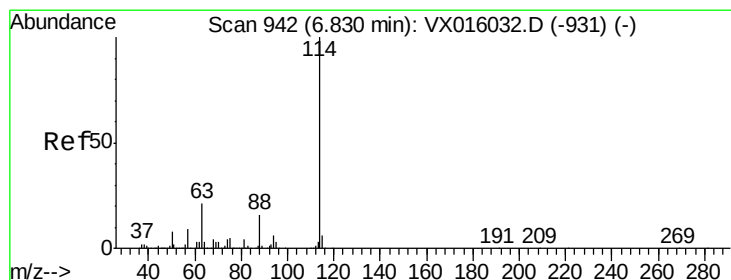
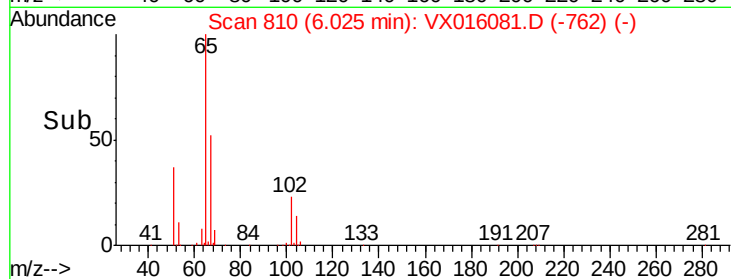
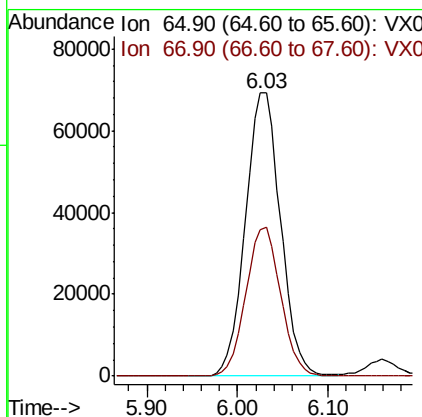
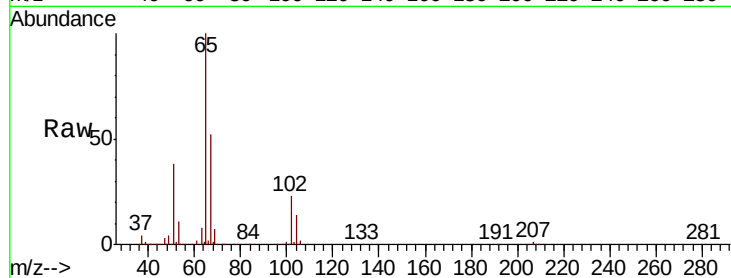




#33
 1,2-Dichloroethane-d4
 Concen: 44.682 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

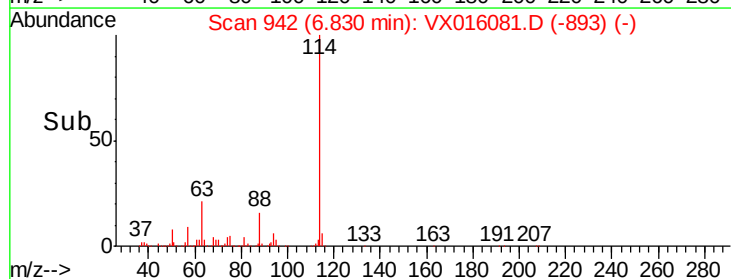
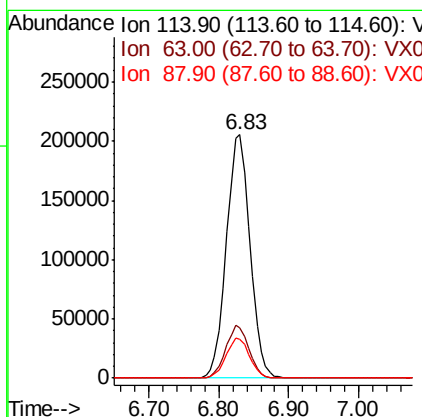
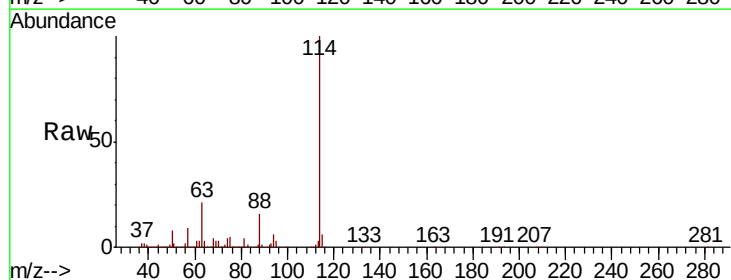
Instrument :
 MSVOA_X
 ClientSampleId :

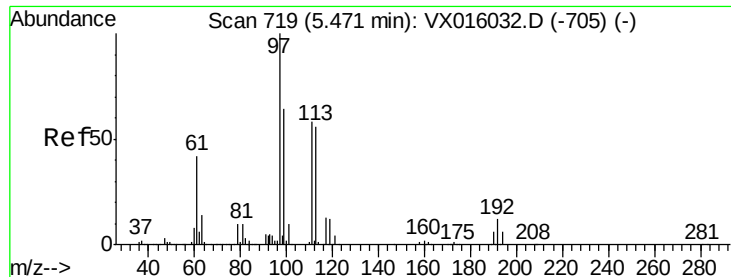
Tot Ion: 65 Resp: 185720
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion: 114 Resp: 482435
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.8
 88 15.7 0.0 31.4

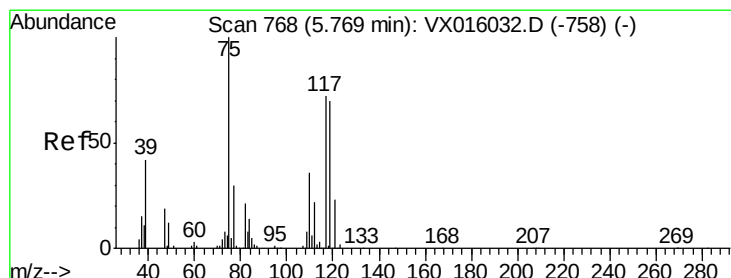
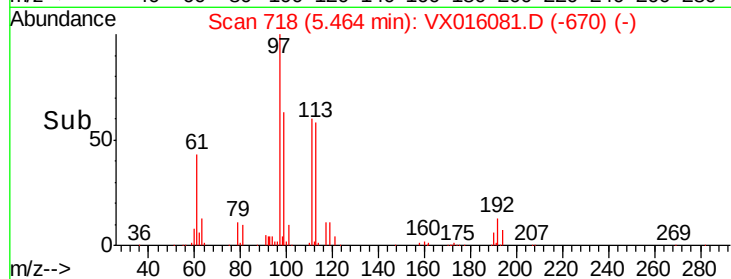
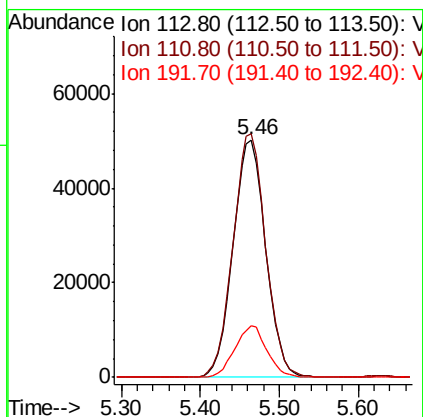
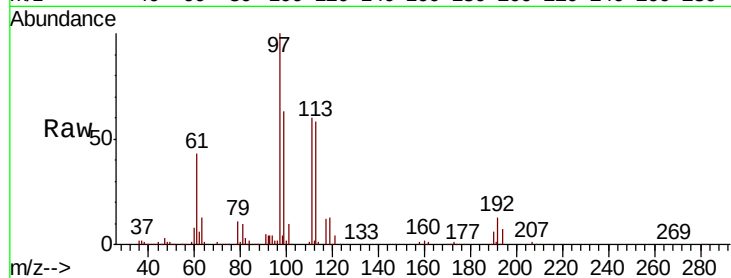




#35
 Dibromofluoromethane
 Concen: 47.354 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

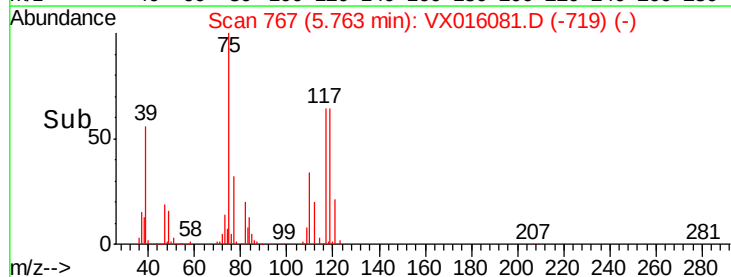
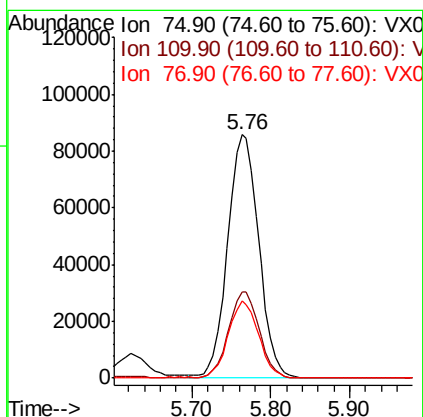
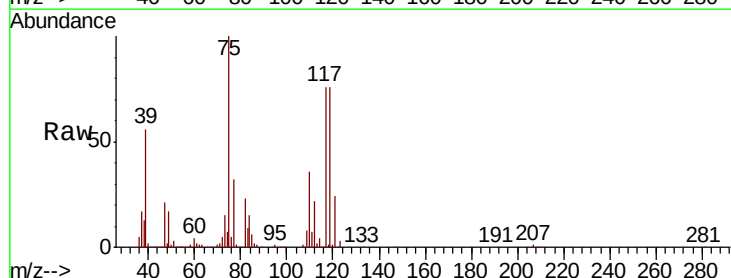
Instrument :
 MSVOA_X
 ClientSampleId :

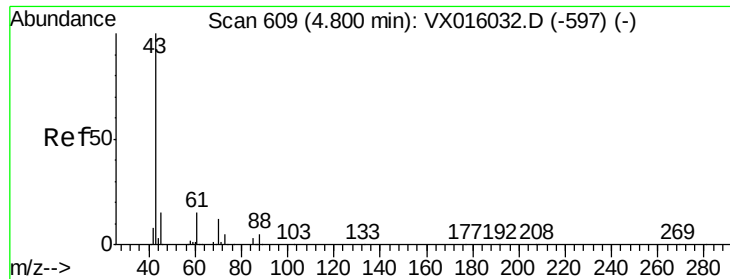
Tot Ion:113 Resp: 144734
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.6 122.4
 192 21.1 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 49.453 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion: 75 Resp: 234846
 Ion Ratio Lower Upper
 75 100
 110 35.1 18.1 54.1
 77 31.1 25.0 37.6

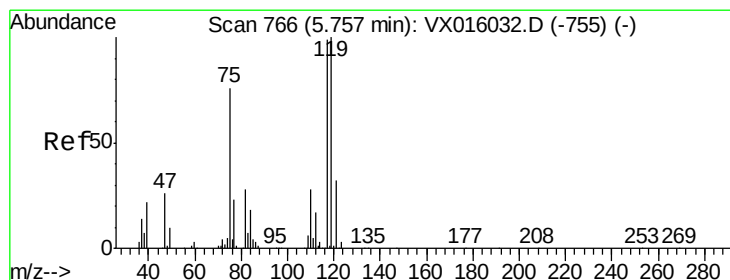
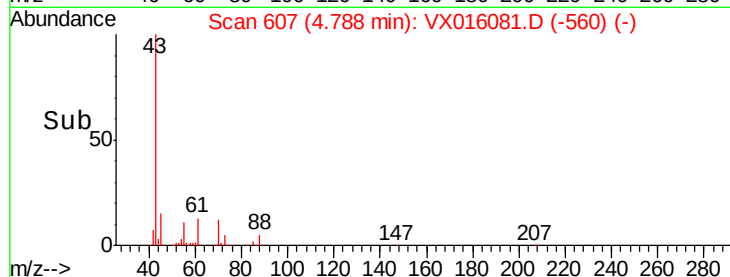
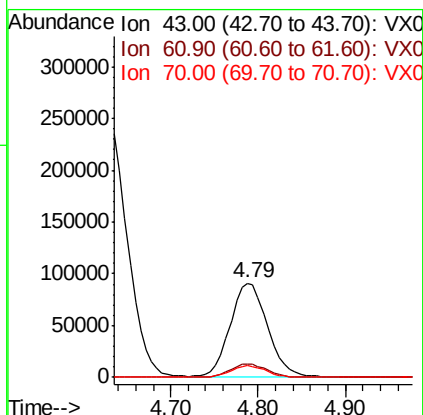
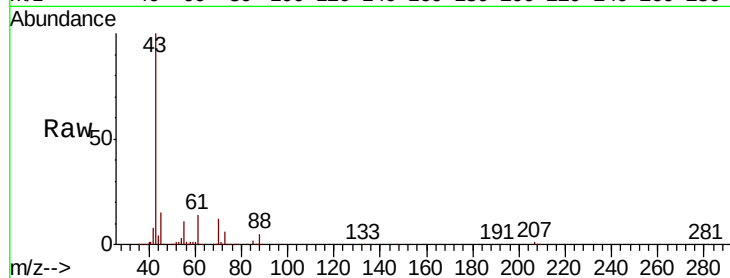




#37
Ethyl Acetate
Concen: 48.915 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

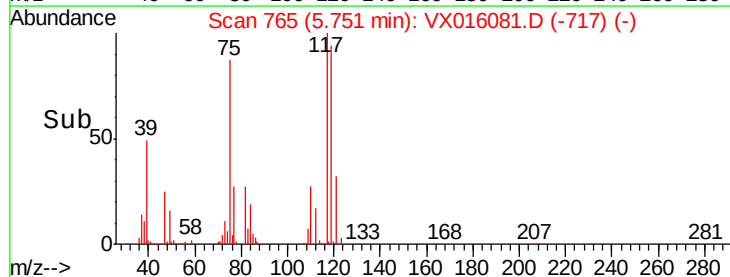
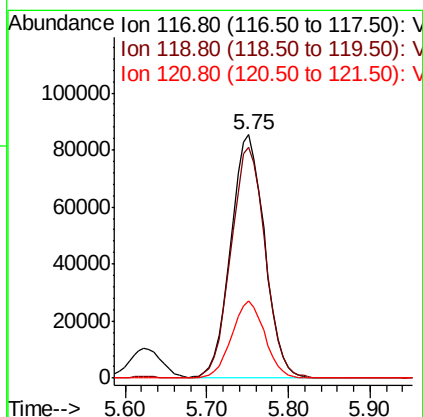
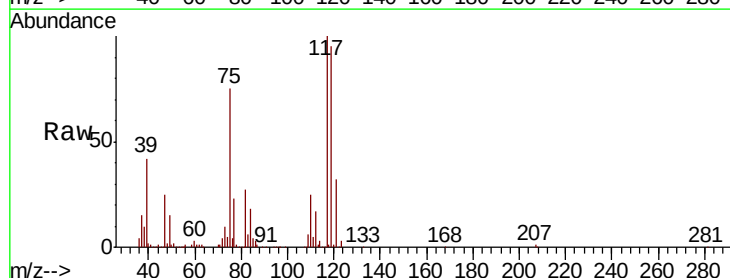
Instrument :
MSVOA_X
ClientSampleId :

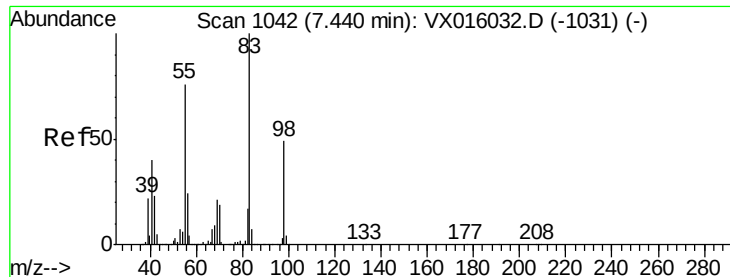
Tot Ion: 43 Resp: 269236
Ion Ratio Lower Upper
43 100
61 14.0 11.7 17.5
70 11.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 50.840 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion: 117 Resp: 245399
Ion Ratio Lower Upper
117 100
119 94.6 80.3 120.5
121 31.6 25.7 38.5

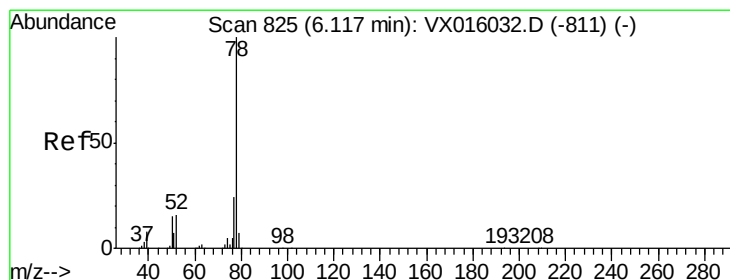
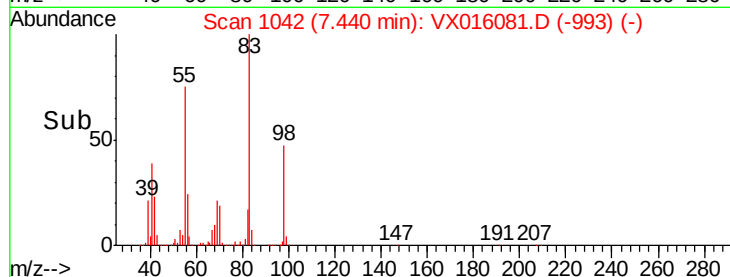
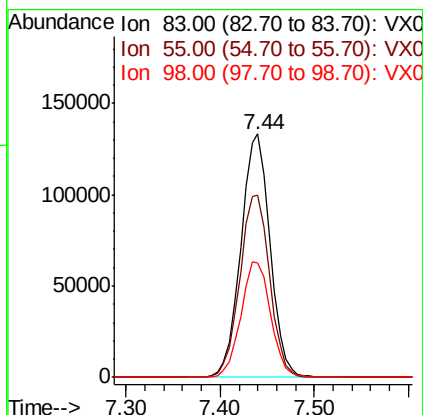
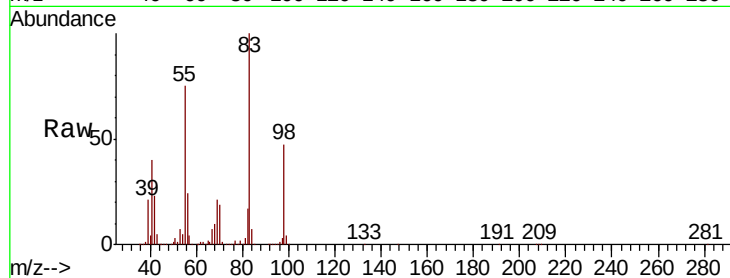




#39
Methylvlcyclohexane
Concen: 50.418 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

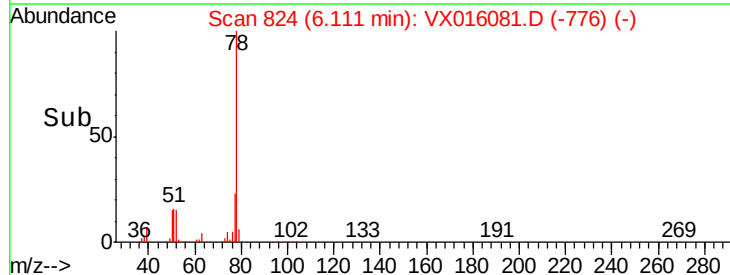
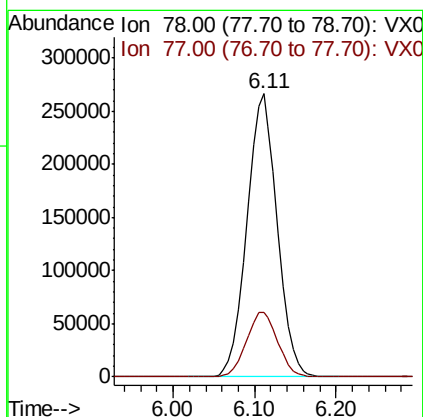
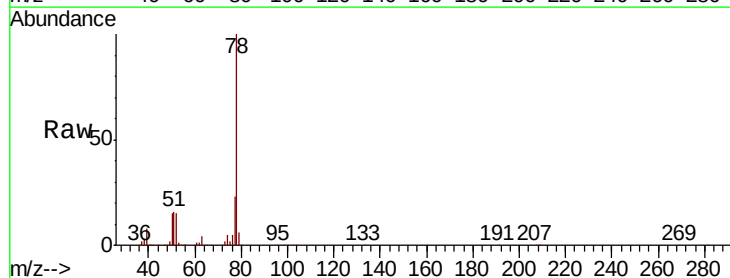
Instrument :
MSVOA_X
ClientSampleId :

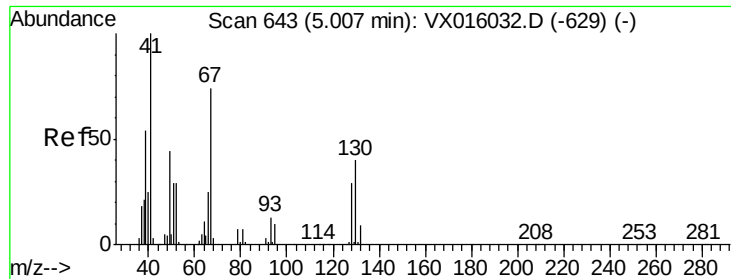
Tot Ion: 83 Resp: 288339
Ion Ratio Lower Upper
83 100
55 75.0 61.1 91.7
98 47.0 39.0 58.4



#40
Benzene
Concen: 49.423 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion: 78 Resp: 686740
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4

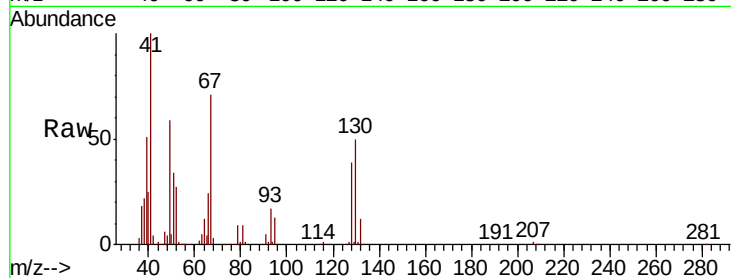




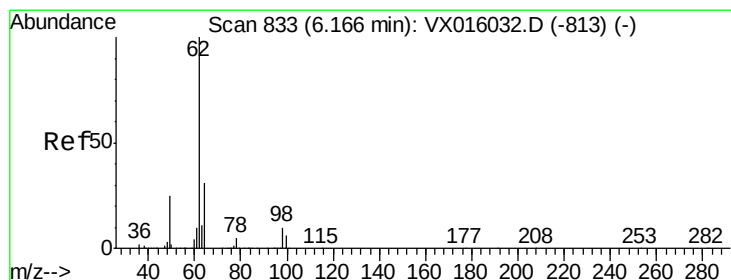
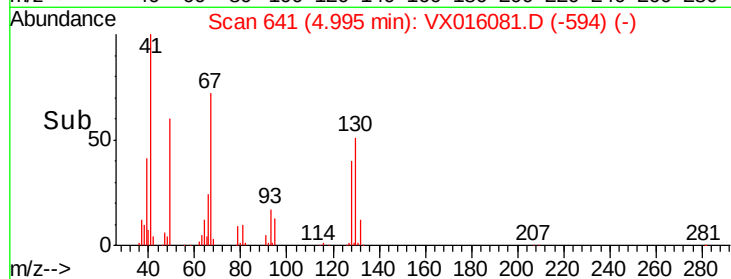
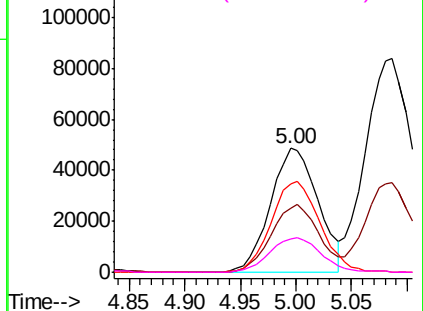
#41
Methacrylonitrile
Concen: 48.777 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	144988
Ion	Ratio	Lower	Upper
41	100		
39	55.5	43.2	64.8
67	75.0	59.3	88.9
52	29.9	23.5	35.3

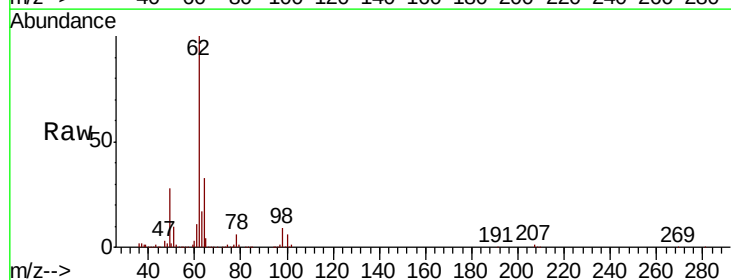


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

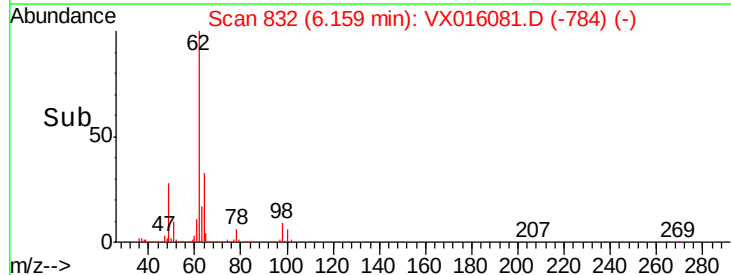
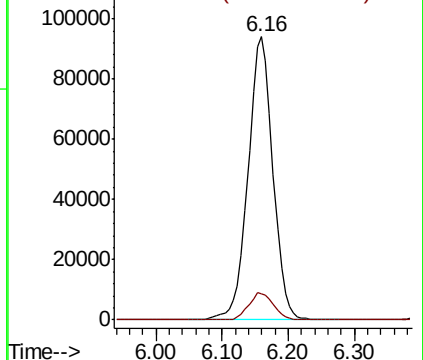


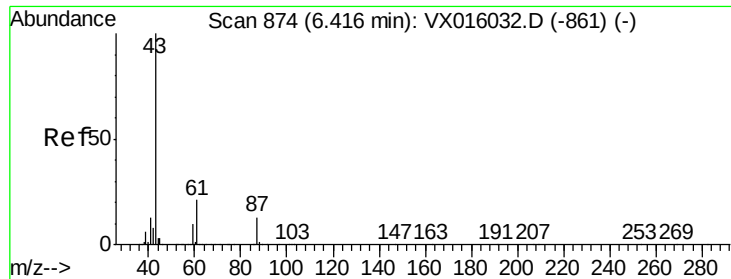
#42
1,2-Dichloroethane
Concen: 49.166 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion:	62	Resp:	246096
Ion	Ratio	Lower	Upper
62	100		
98	9.6	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: 49.499 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

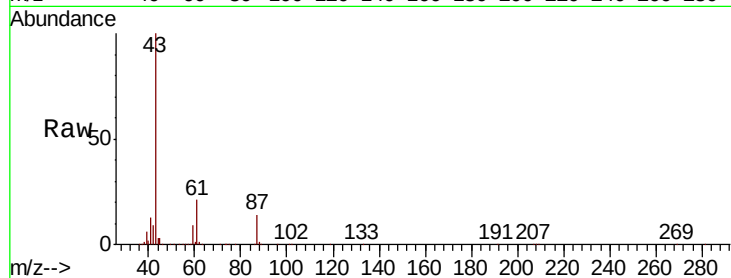
Tot Ion: 43 Resp: 434699

Ion Ratio Lower Upper

43 100

61 21.2 17.0 25.4

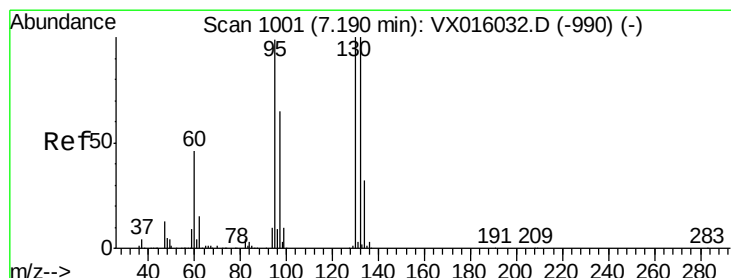
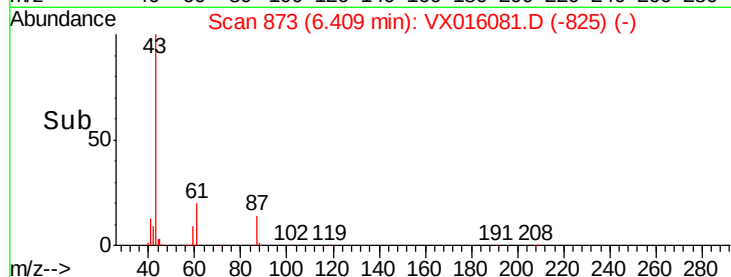
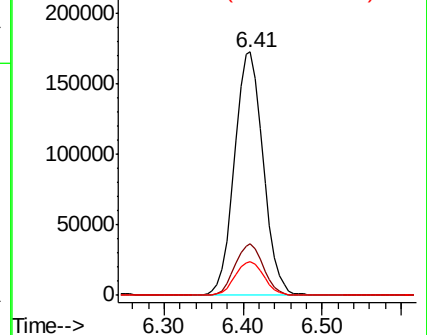
87 14.0 11.0 16.6



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: 49.144 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016081.D

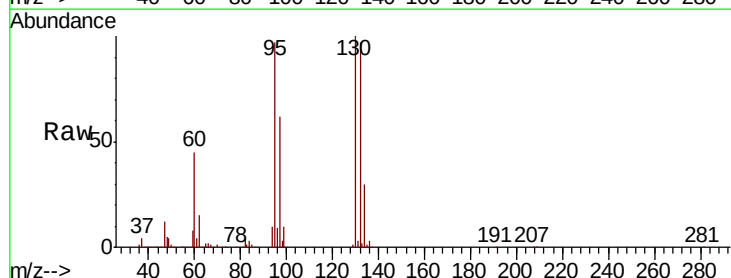
Acq: 06 May 2020 16:41

Tgt Ion:130 Resp: 242592

Ion Ratio Lower Upper

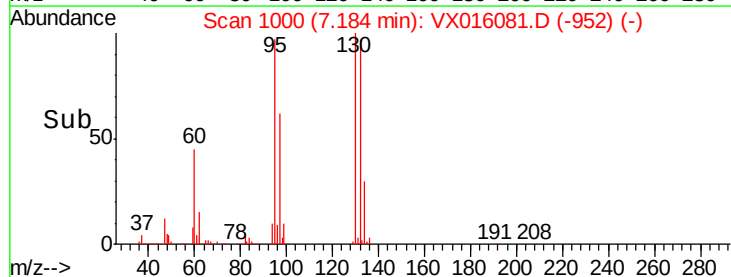
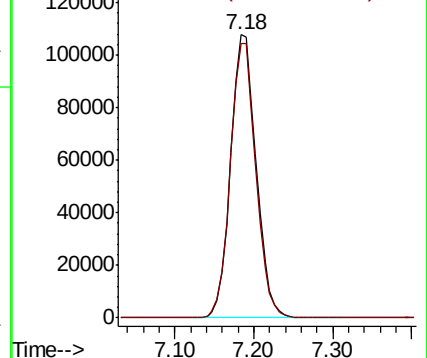
130 100

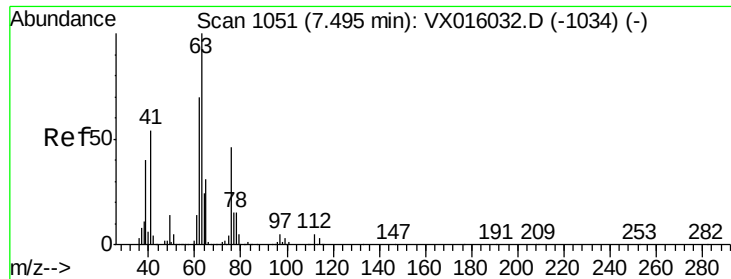
95 96.8 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

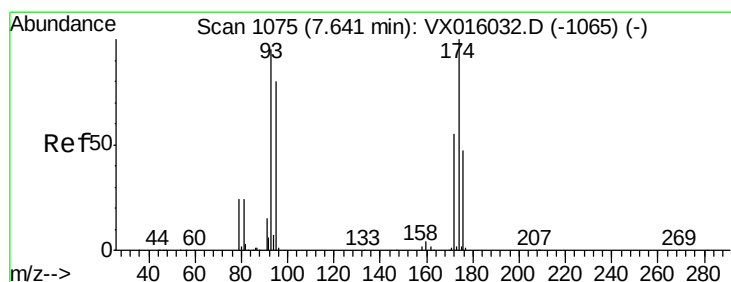
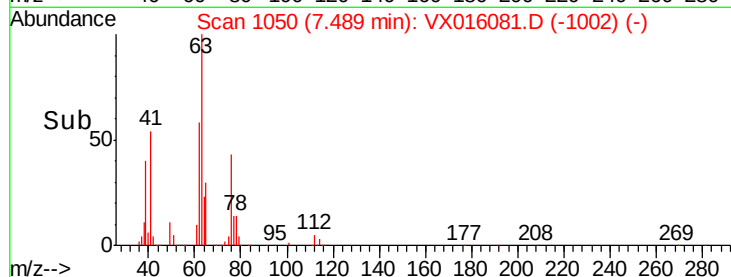
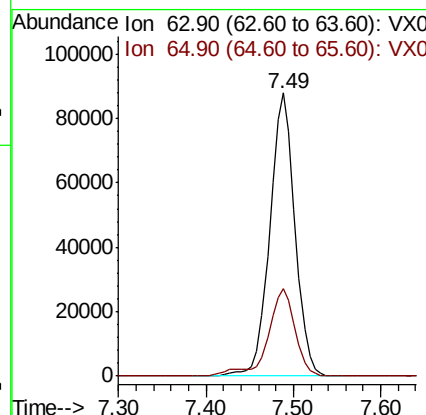
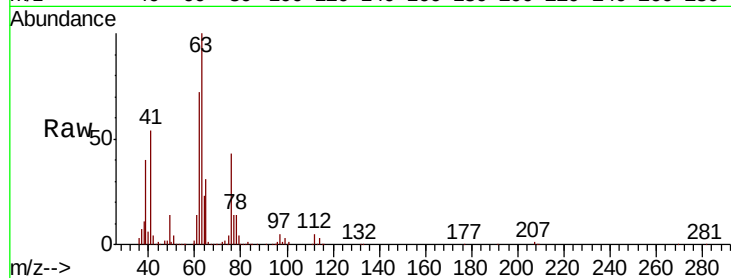




#45
 1,2-Dichloropropane
 Concen: 50.302 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

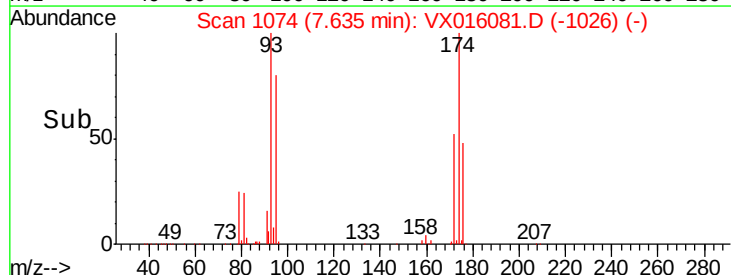
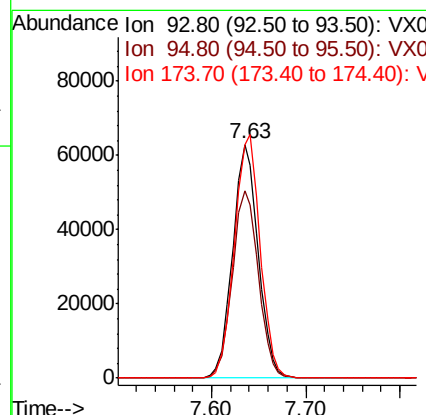
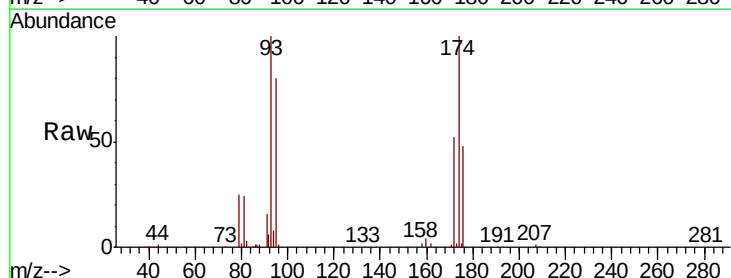
Instrument :
 MSVOA_X
 ClientSampleId :

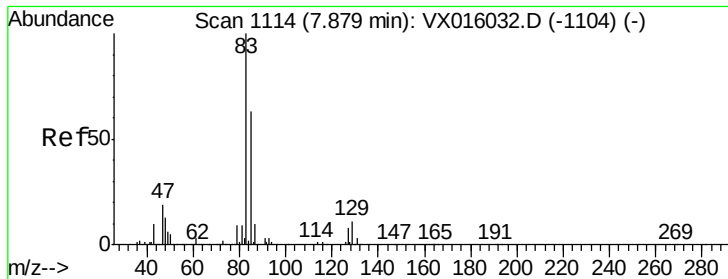
Tot Ion: 63 Resp: 176859
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.4 36.6



#46
 Dibromomethane
 Concen: 49.651 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion: 93 Resp: 118632
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.6 100.0
 174 105.4 84.2 126.4





#47

Bromodichloromethane

Concen: 50.622 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

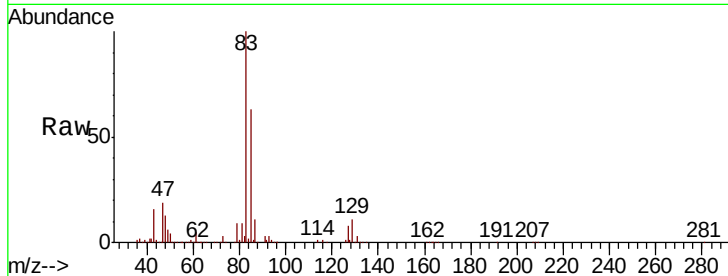
Tot Ion: 83 Resp: 246338

Ion Ratio Lower Upper

83 100

85 63.3 50.5 75.7

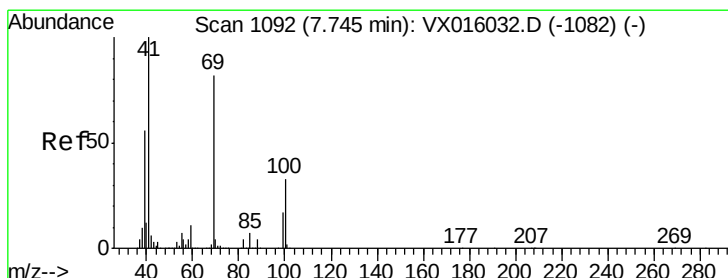
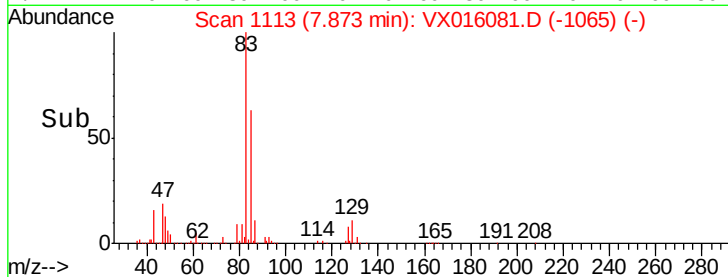
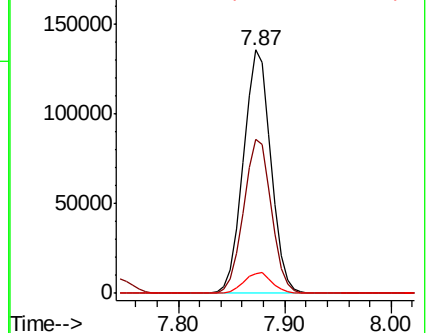
127 8.0 6.7 10.1



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: 49.640 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

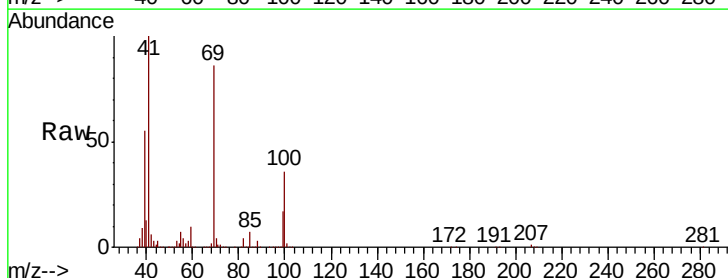
Tgt Ion: 41 Resp: 206567

Ion Ratio Lower Upper

41 100

69 84.9 67.8 101.6

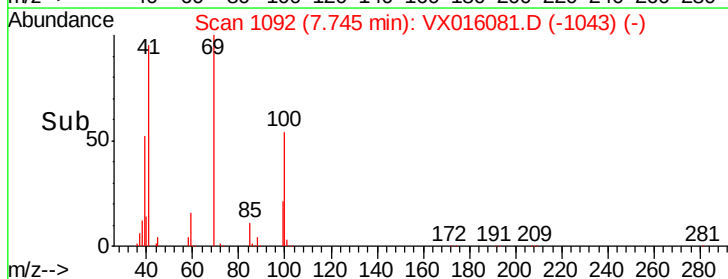
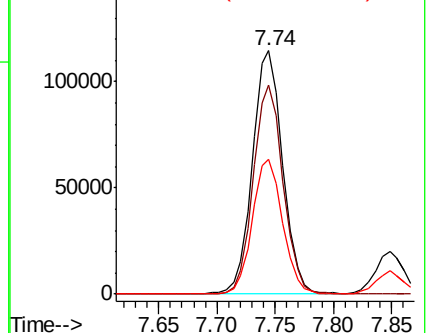
39 55.5 44.6 67.0

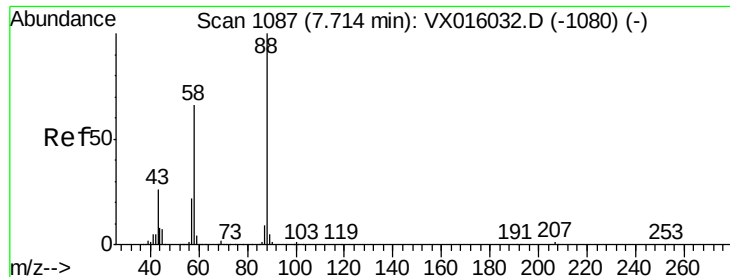


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 957.351 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

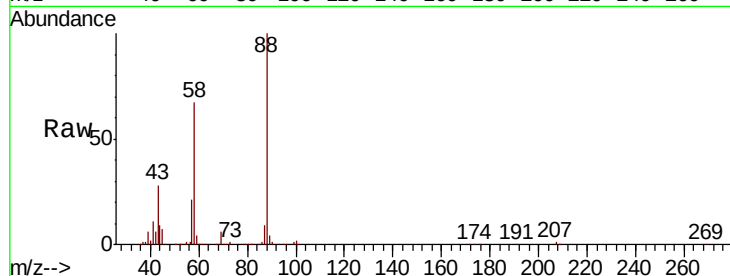
Tot Ion: 88 Resp: 95546

Ion Ratio Lower Upper

88 100

43 31.7 25.3 37.9

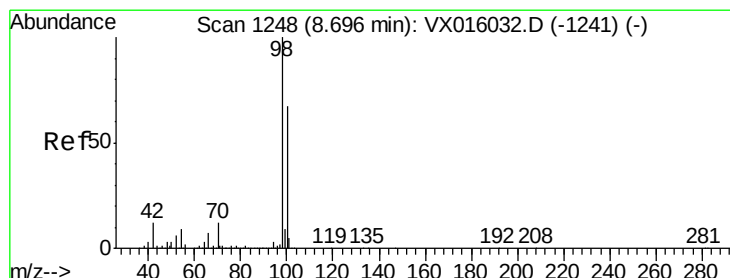
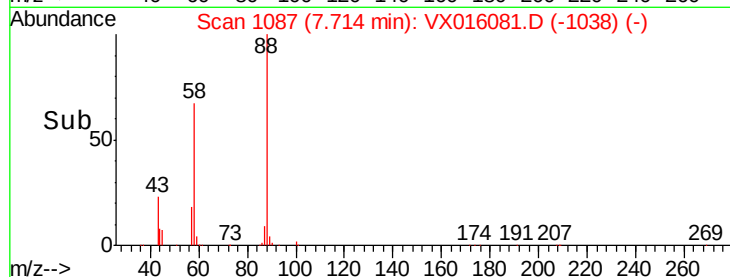
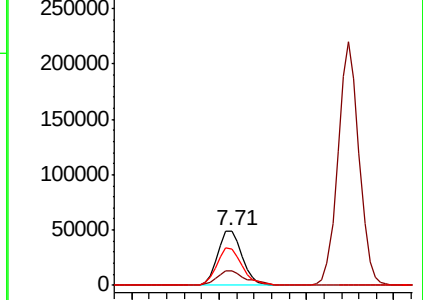
58 70.3 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.086 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016081.D

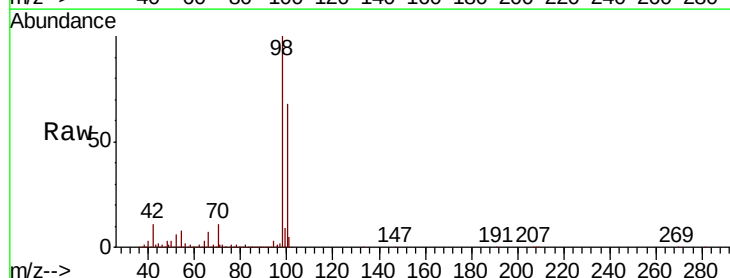
Acq: 06 May 2020 16:41

Tgt Ion: 98 Resp: 566288

Ion Ratio Lower Upper

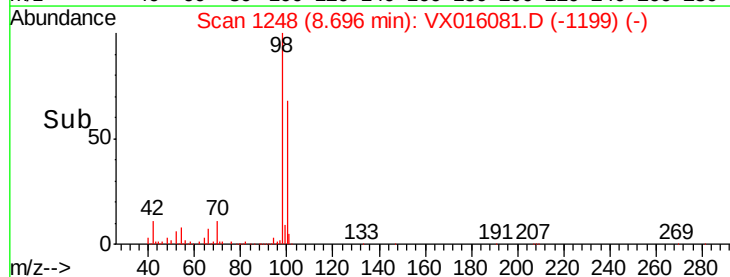
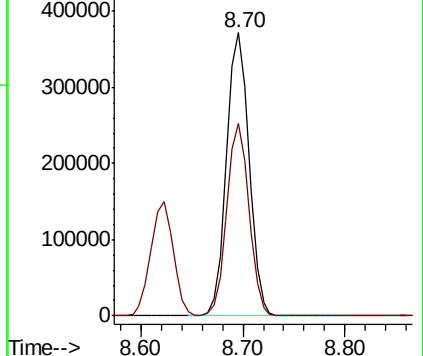
98 100

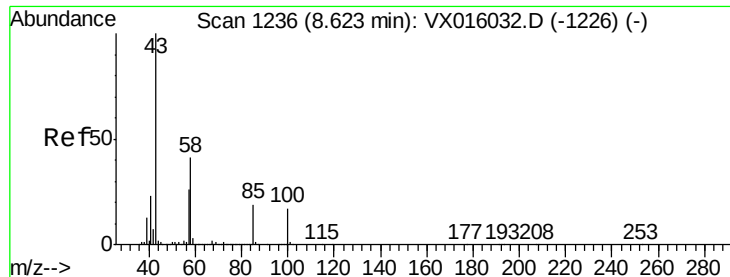
100 66.8 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

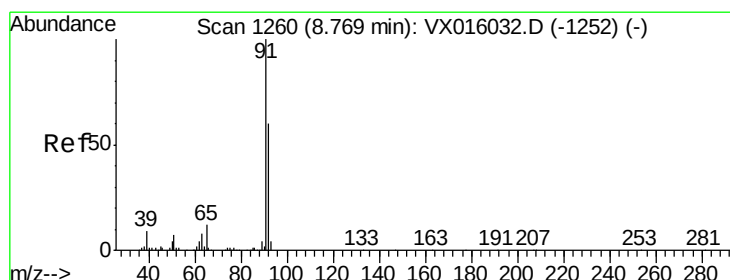
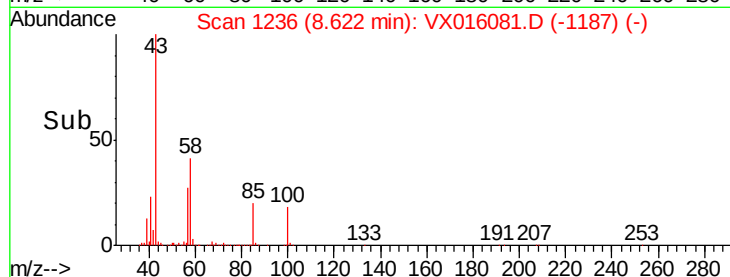
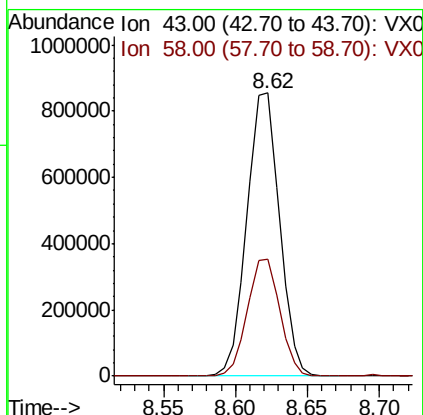
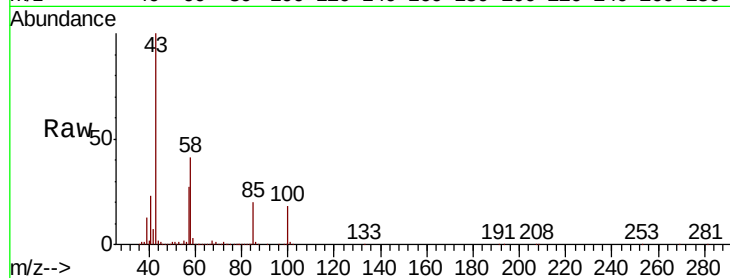




#51
4-Methyl-2-Pentanone
Concen: 249.729 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

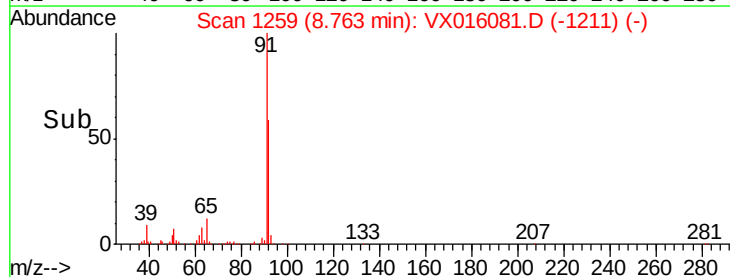
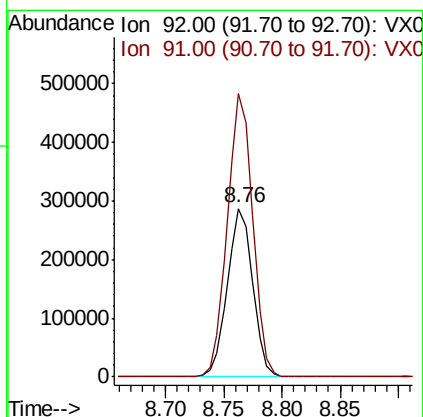
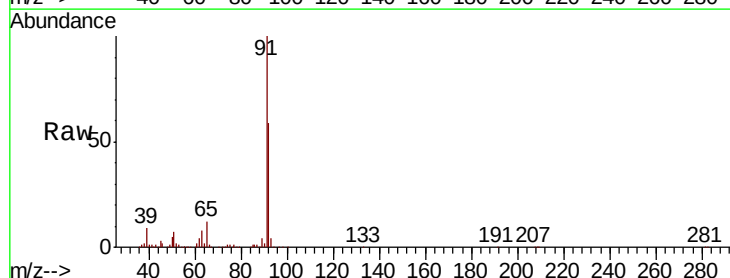
Instrument :
MSVOA_X
ClientSampled :

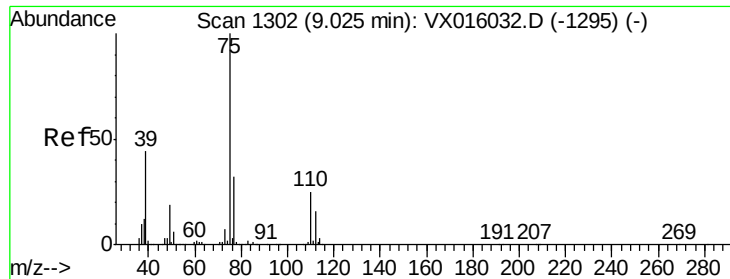
Tot Ion: 43 Resp: 1342058
Ion Ratio Lower Upper
43 100
58 41.3 33.0 49.4



#52
Toluene
Concen: 50.093 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion: 92 Resp: 433856
Ion Ratio Lower Upper
92 100
91 169.0 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 49.599 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

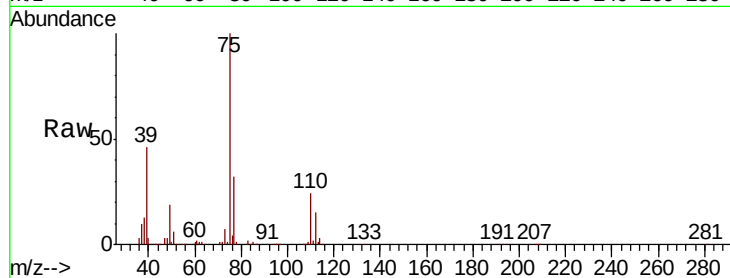
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 287776

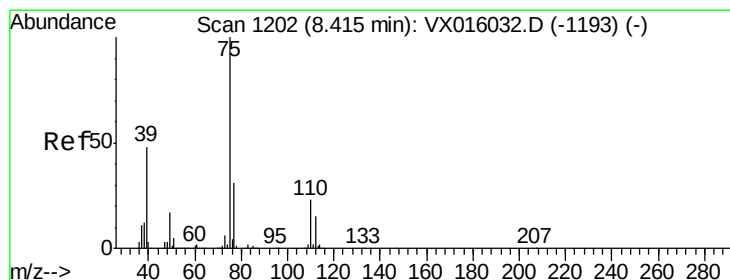
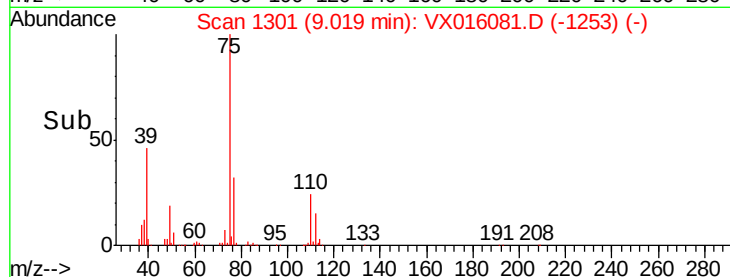
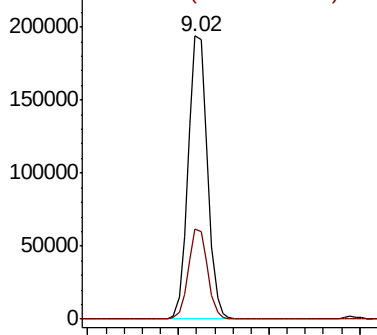
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5



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



#54

cis-1,3-Dichloropropene

Concen: 49.973 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

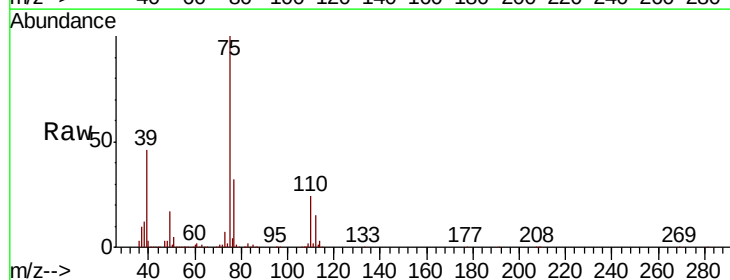
Tgt Ion: 75 Resp: 302848

Ion Ratio Lower Upper

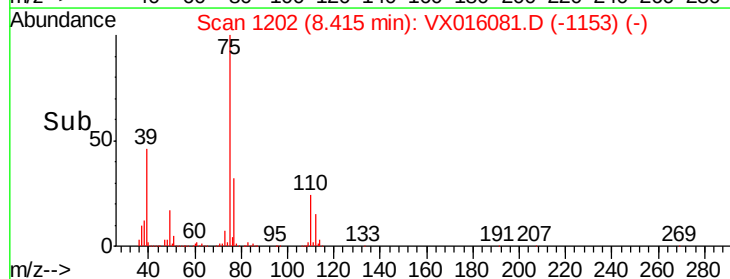
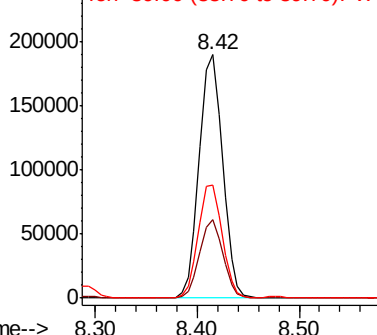
75 100

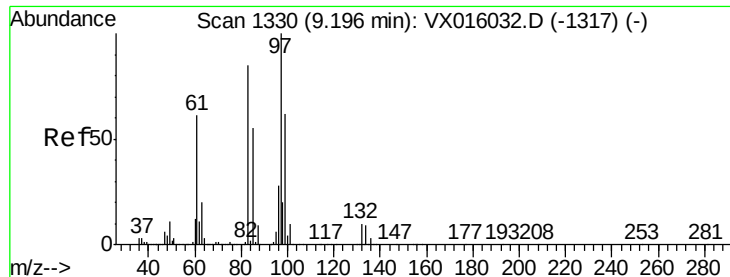
77 32.0 24.7 37.1

39 46.3 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

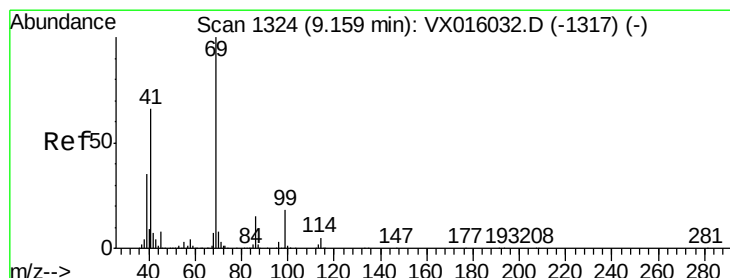
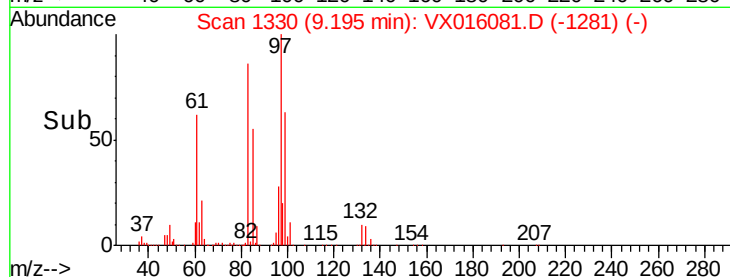
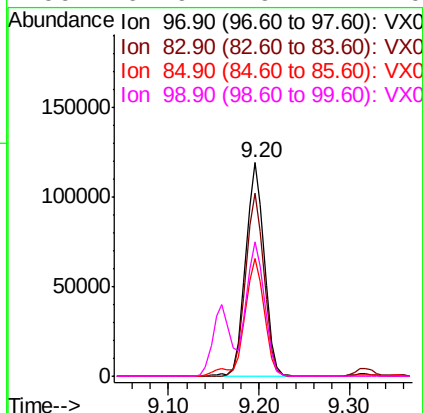
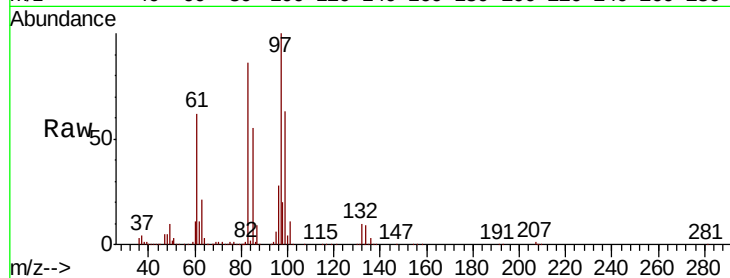




#55
 1,1,2-Trichloroethane
 Concen: 50.090 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

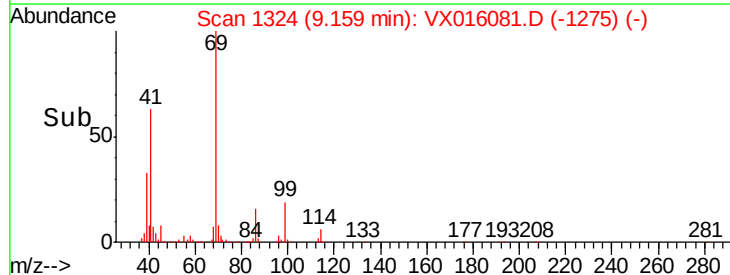
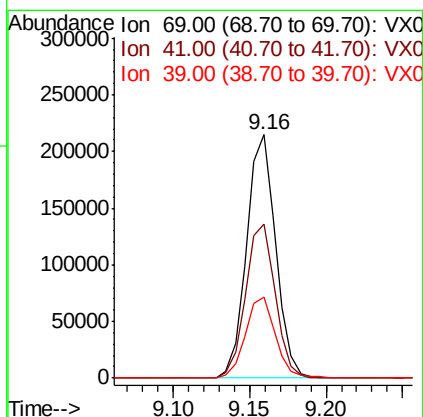
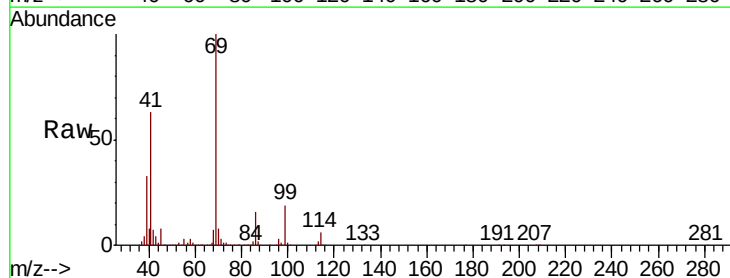
Instrument :
 MSVOA_X
 ClientSampleId :

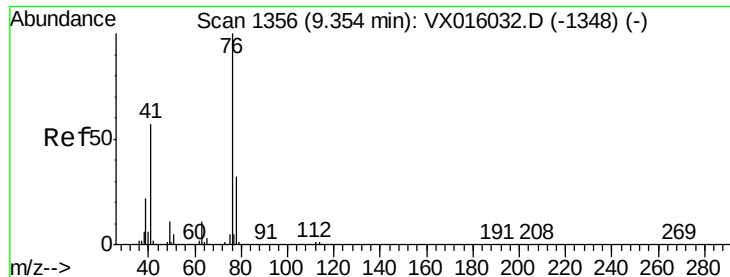
Tot Ion:	97	Resp:	170684
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.8	101.8
85	55.2	43.8	65.8
99	62.9	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 50.998 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion:	69	Resp:	283659
Ion	Ratio	Lower	Upper
69	100		
41	64.5	52.2	78.4
39	34.3	28.2	42.4





#57

1,3-Dichloropropane

Concen: 50.317 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

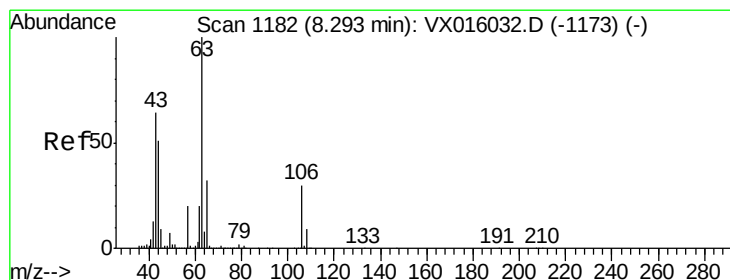
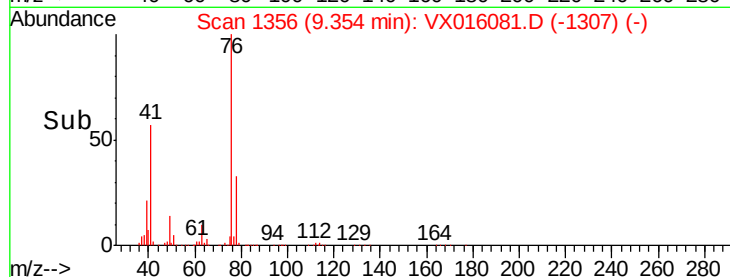
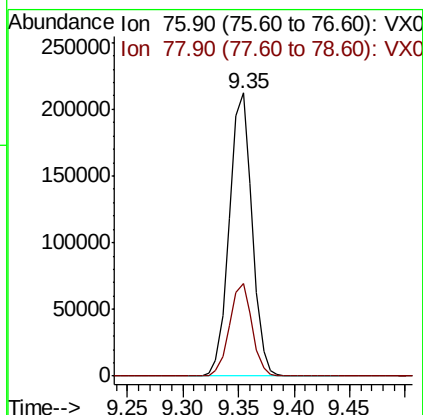
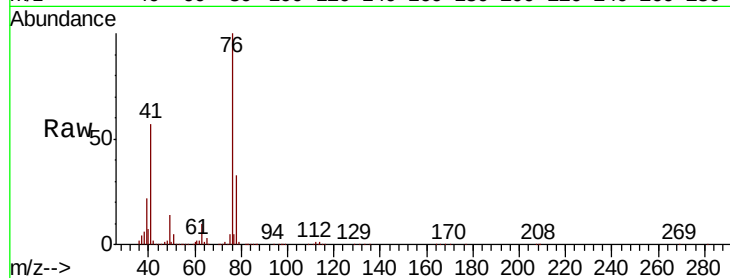
ClientSampleId :

Tot Ion: 76 Resp: 299174

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 250.346 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016081.D

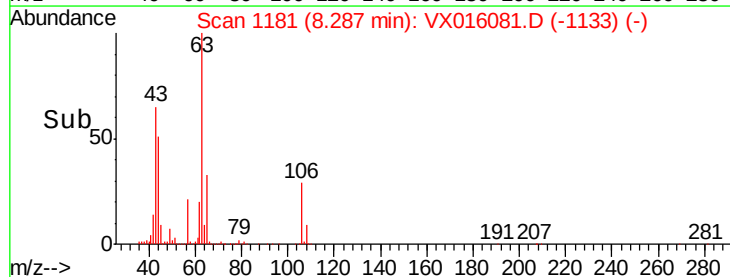
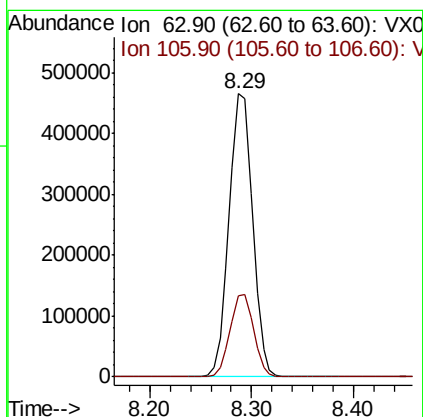
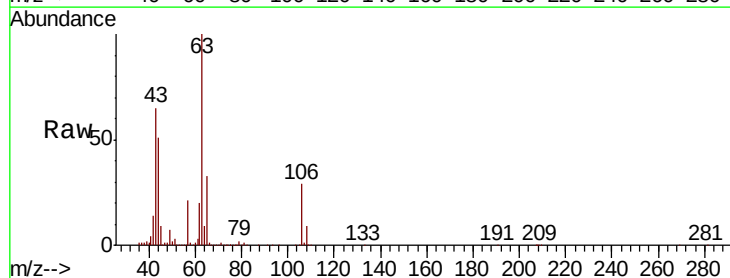
Acq: 06 May 2020 16:41

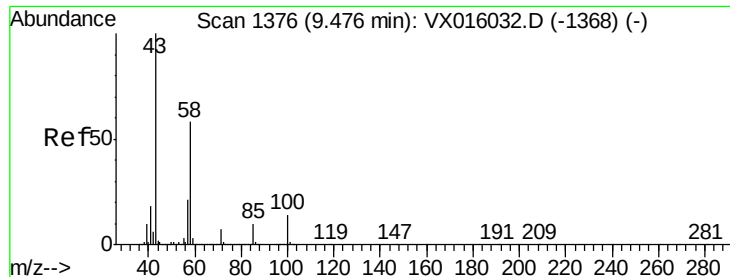
Tgt Ion: 63 Resp: 741320

Ion Ratio Lower Upper

63 100

106 29.1 23.4 35.2

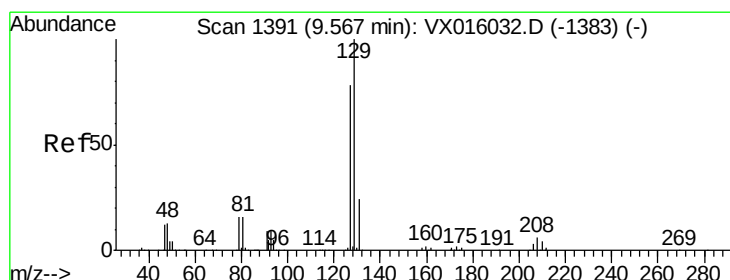
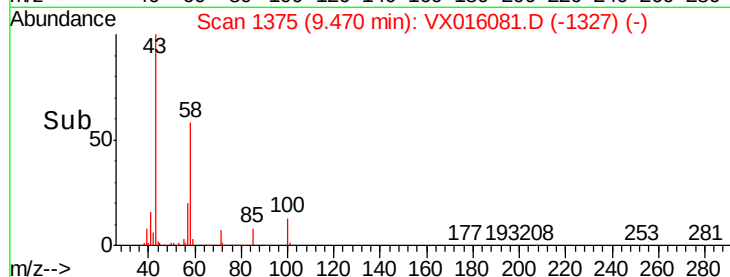
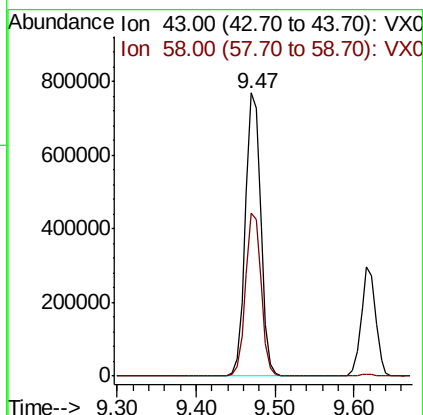
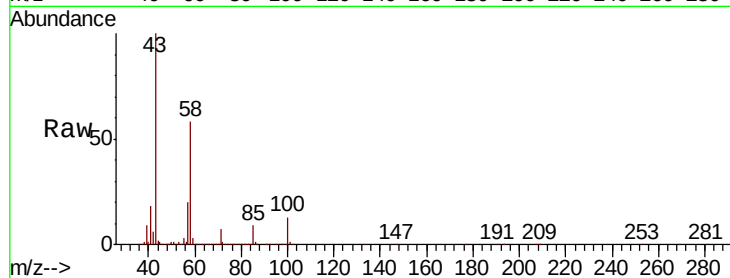




#59
2-Hexanone
Concen: 246.405 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

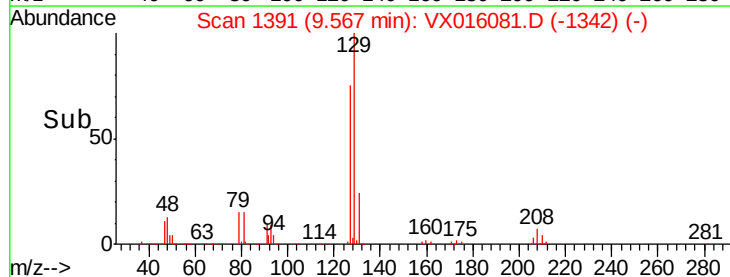
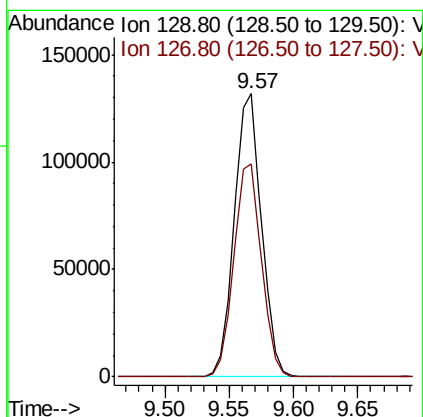
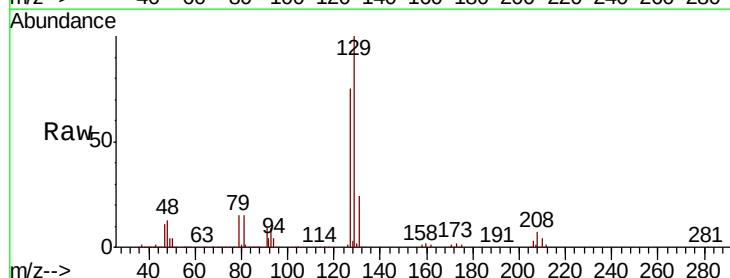
Instrument :
MSVOA_X
ClientSampleId :

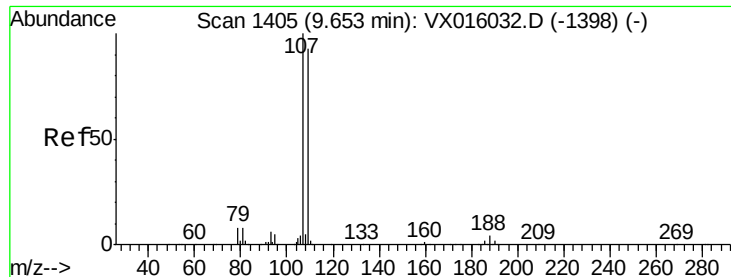
Tot Ion: 43 Resp: 1039925
Ion Ratio Lower Upper
43 100
58 58.0 28.6 85.9



#60
Dibromochloromethane
Concen: 51.656 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion: 129 Resp: 193862
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 49.919 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

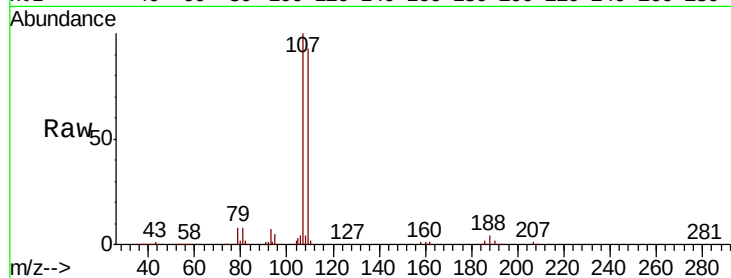
ClientSampleId :

Tot Ion: 107 Resp: 184251

Ion Ratio Lower Upper

107 100

109 94.1 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

150000

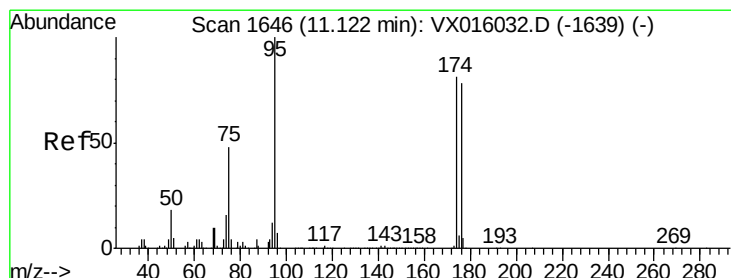
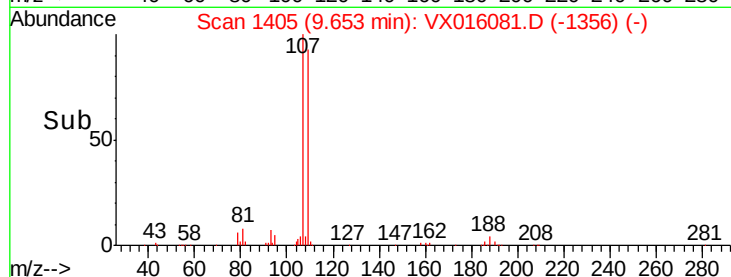
100000

50000

0

Time-->

9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.354 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

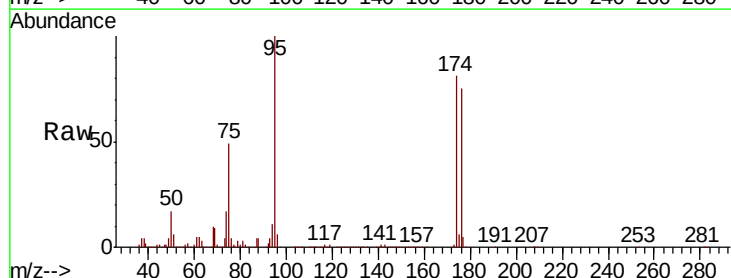
Tgt Ion: 95 Resp: 216592

Ion Ratio Lower Upper

95 100

174 80.3 0.0 159.4

176 76.8 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

150000

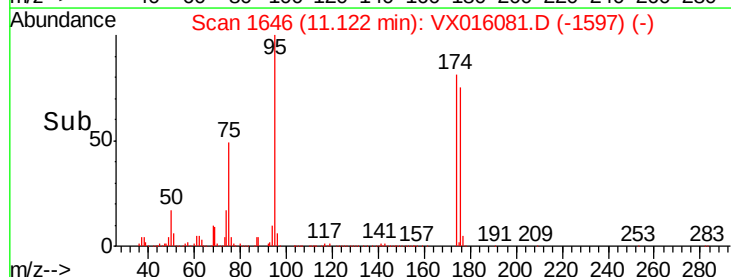
100000

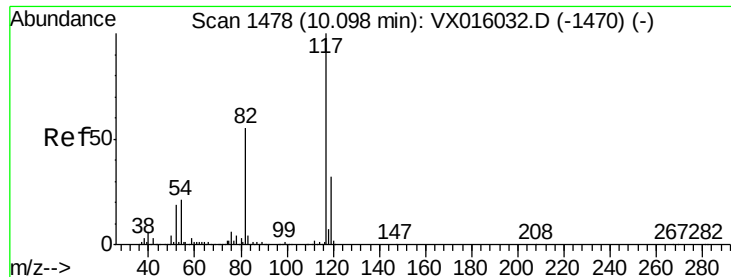
50000

0

Time-->

11.10 11.20

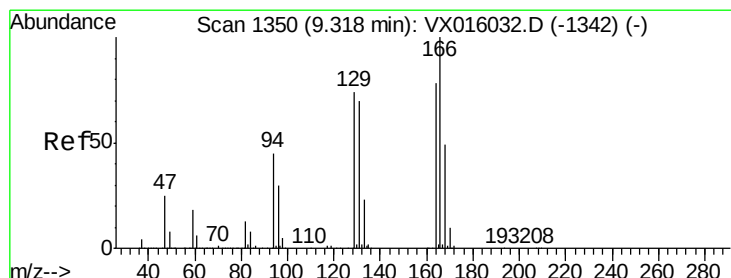
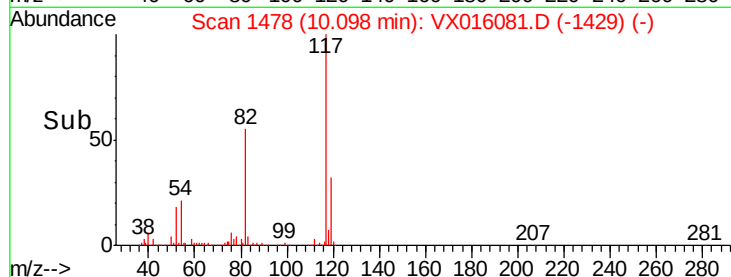
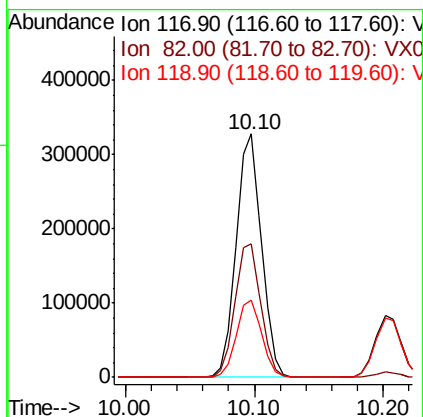
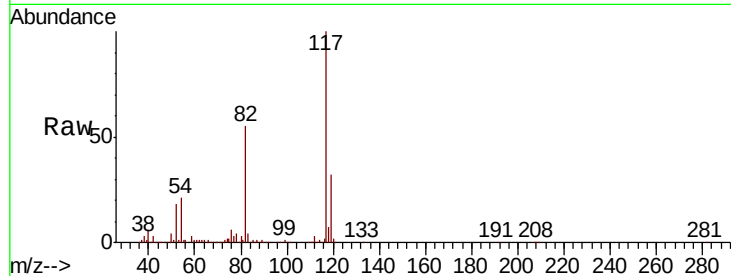




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

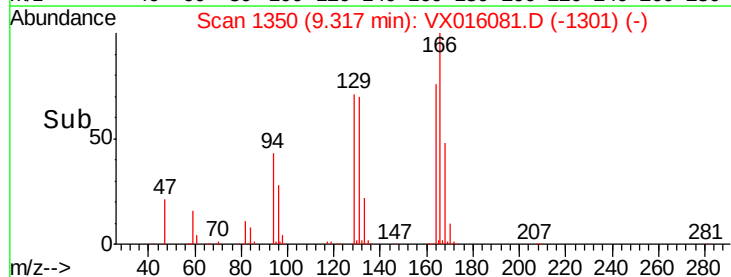
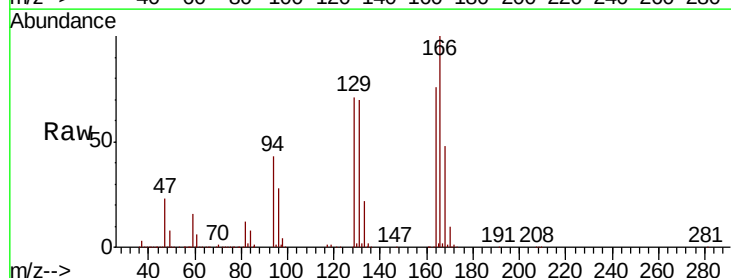
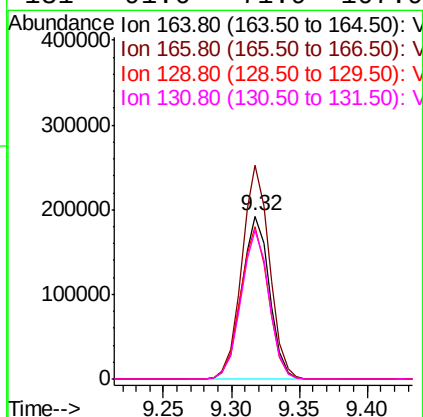
Instrument :
MSVOA_X
ClientSampled :

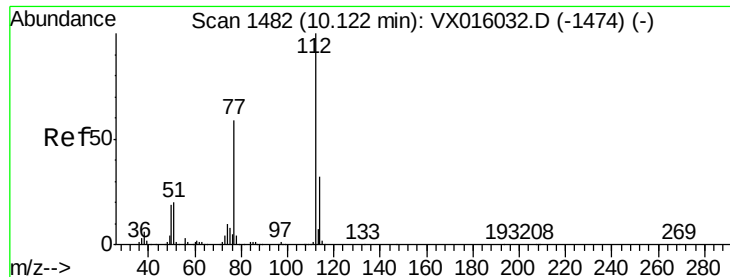
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.4	66.6
119	31.9	25.5	38.3



#64
Tetrachloroethene
Concen: 49.982 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.3	102.9	154.3
129	93.5	76.1	114.1
131	91.6	71.9	107.9

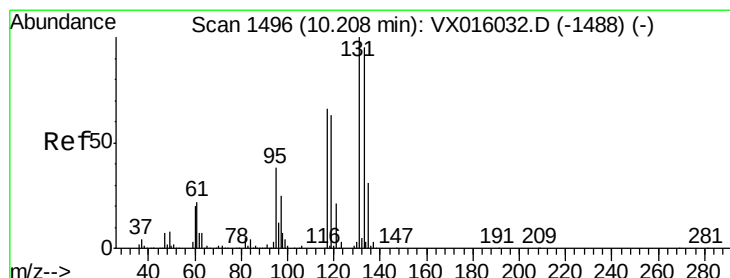
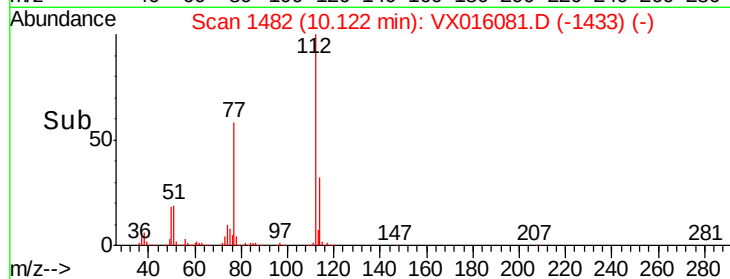
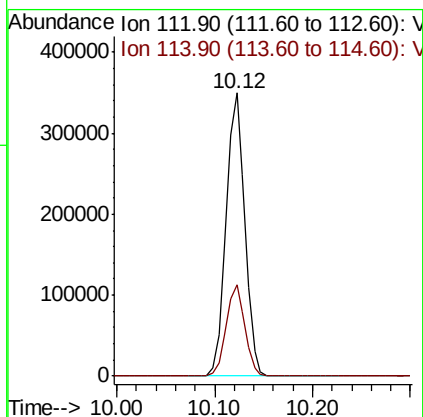
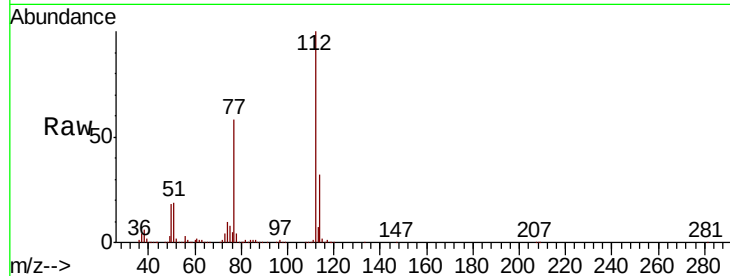




#65
Chlorobenzene
Concen: 49.470 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

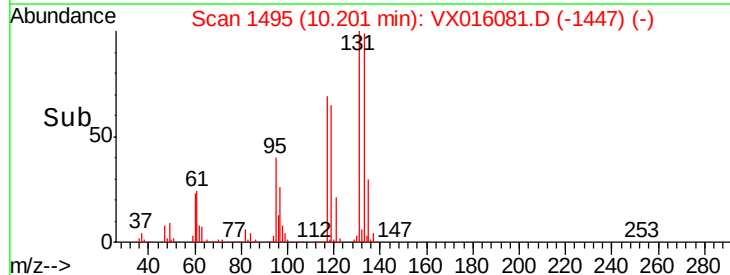
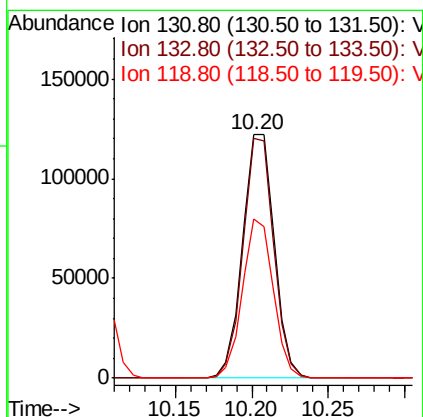
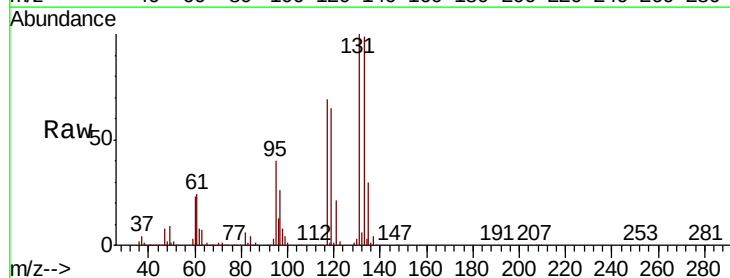
Instrument :
MSVOA_X
ClientSampled :

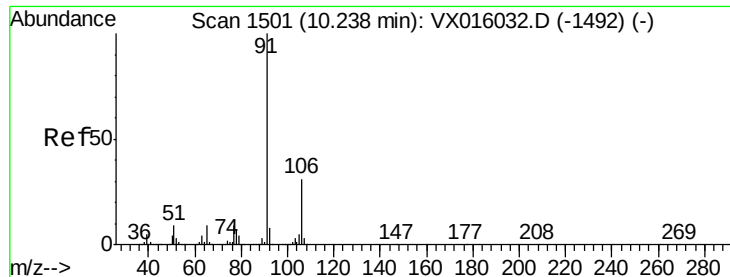
Tot Ion:112 Resp: 463181
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.678 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion:131 Resp: 175379
Ion Ratio Lower Upper
131 100
133 96.0 48.3 144.8
119 63.4 32.3 96.9





#67

Ethyl Benzene

Concen: 49.874 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

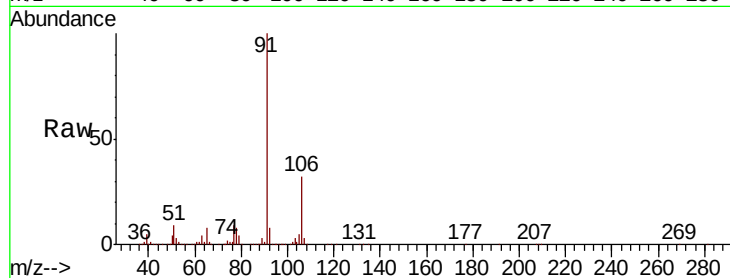
ClientSampleId :

Tot Ion: 91 Resp: 833190

Ion Ratio Lower Upper

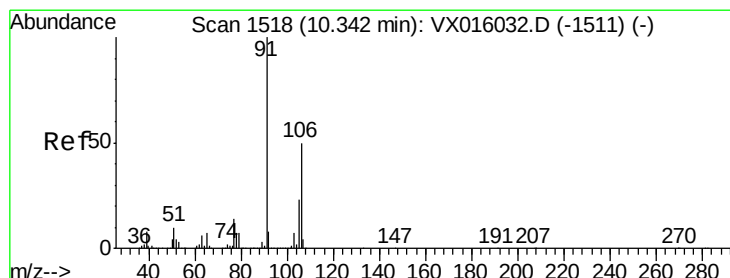
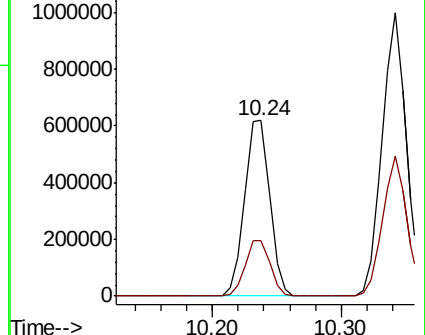
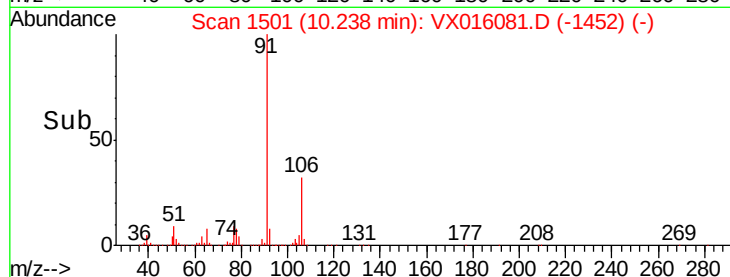
91 100

106 31.5 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX016081.D (-1452) (-)

Ion 106.00 (105.70 to 106.70): VX016081.D (-1452) (-)



#68

m/p-Xylenes

Concen: 102.143 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016081.D

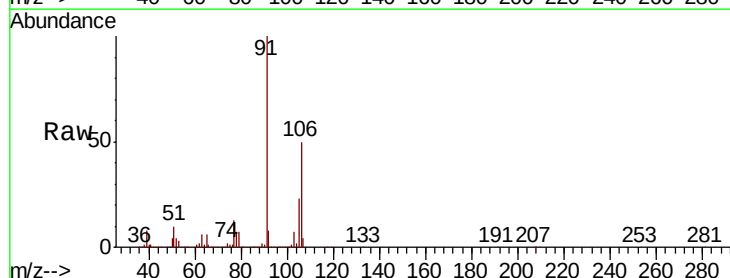
Acq: 06 May 2020 16:41

Tgt Ion: 106 Resp: 639319

Ion Ratio Lower Upper

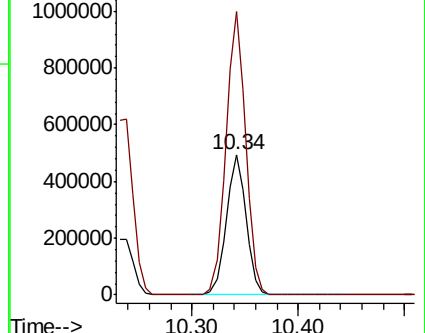
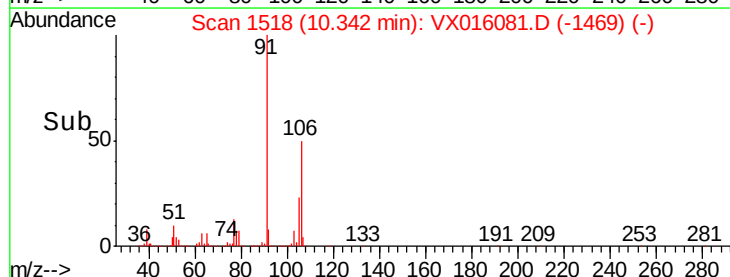
106 100

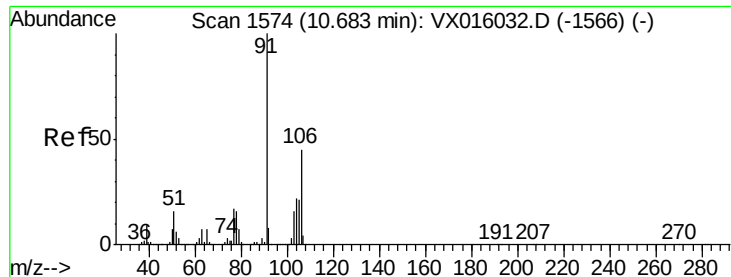
91 202.1 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VX016081.D (-1469) (-)

Ion 91.00 (90.70 to 91.70): VX016081.D (-1469) (-)

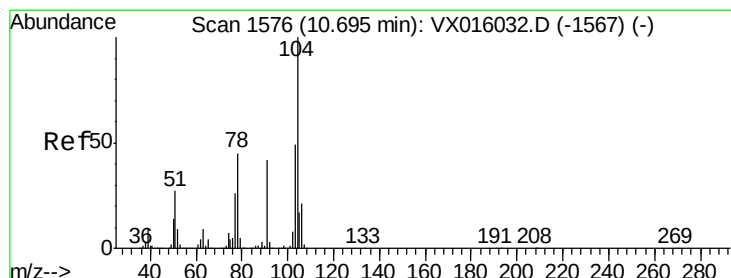
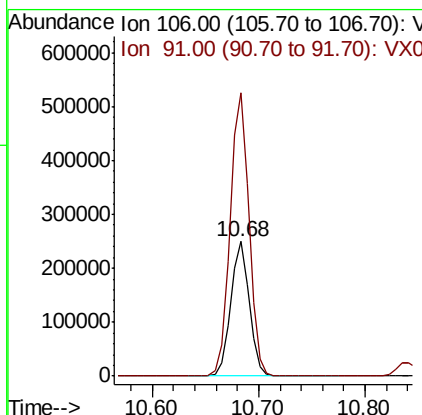
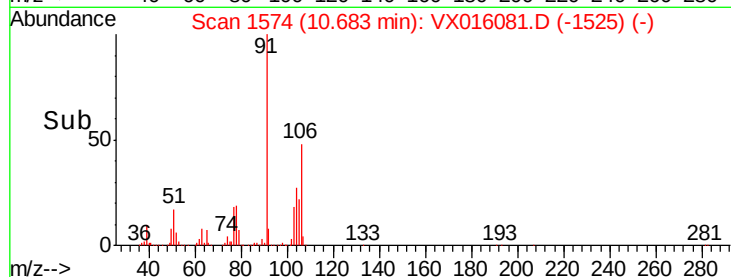
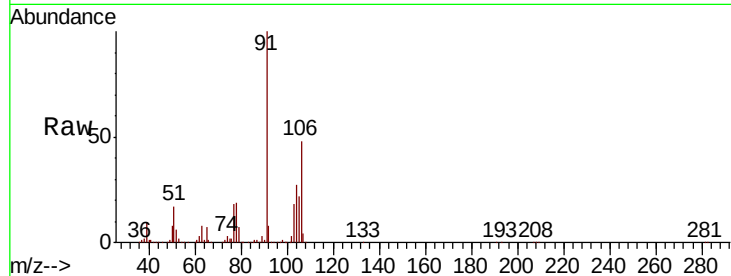




#69
o-Xylene
Concen: 50.638 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

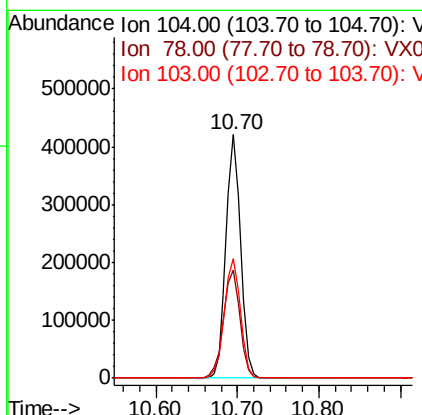
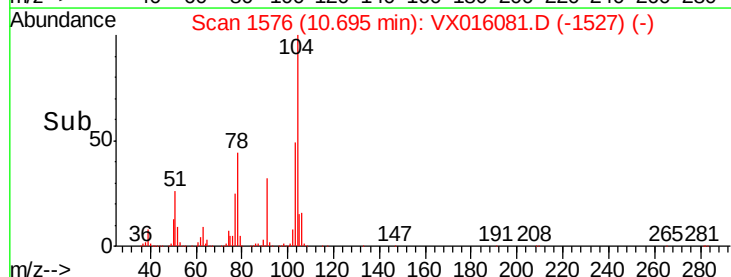
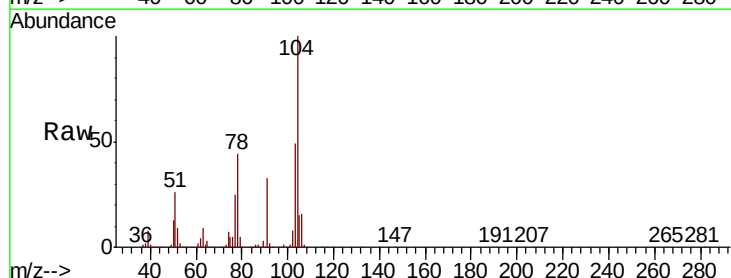
Instrument :
MSVOA_X
ClientSampleId :

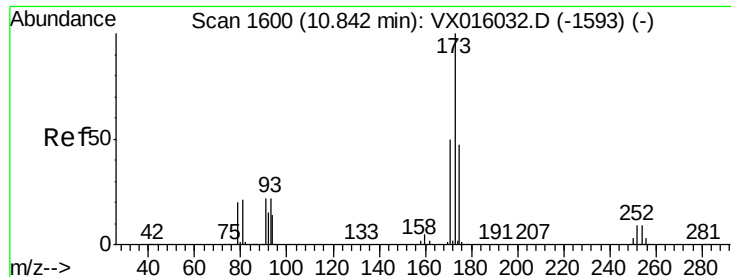
Tot Ion:106 Resp: 304662
Ion Ratio Lower Upper
106 100
91 214.9 107.5 322.6



#70
Styrene
Concen: 51.297 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion:104 Resp: 523582
Ion Ratio Lower Upper
104 100
78 50.1 40.2 60.2
103 54.1 43.0 64.6





#71

Bromoform

Concen: 52.187 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

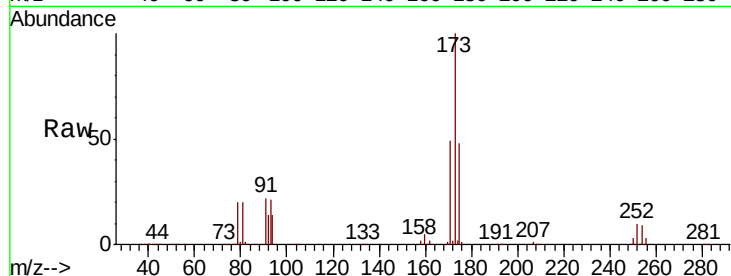
Tot Ion:173 Resp: 147140

Ion Ratio Lower Upper

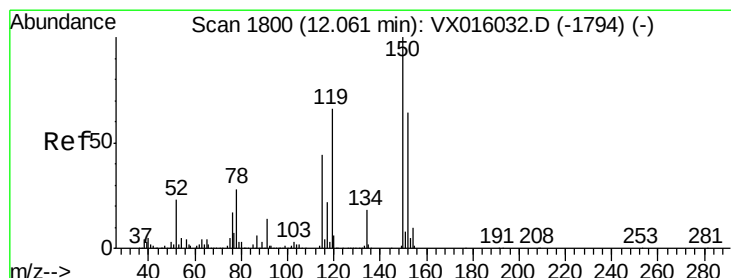
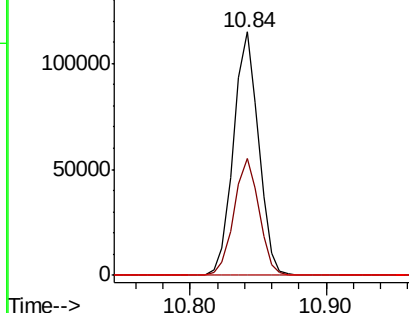
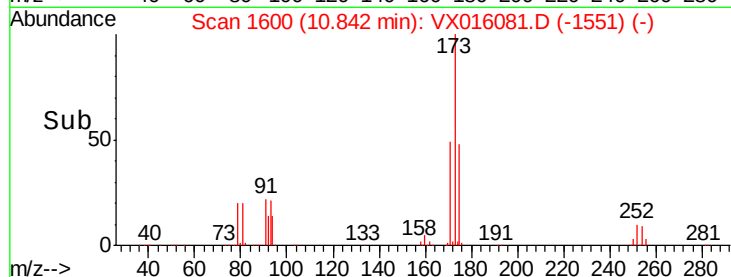
173 100

175 48.1 24.0 72.0

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

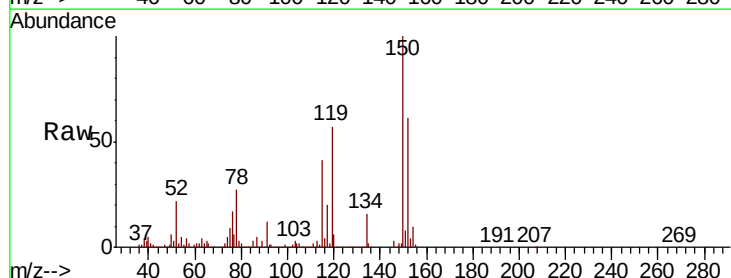
Tgt Ion:152 Resp: 225721

Ion Ratio Lower Upper

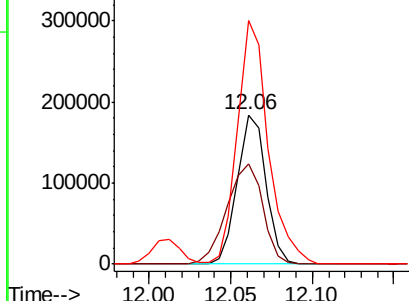
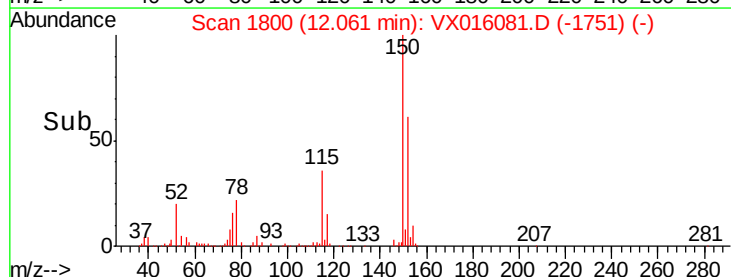
152 100

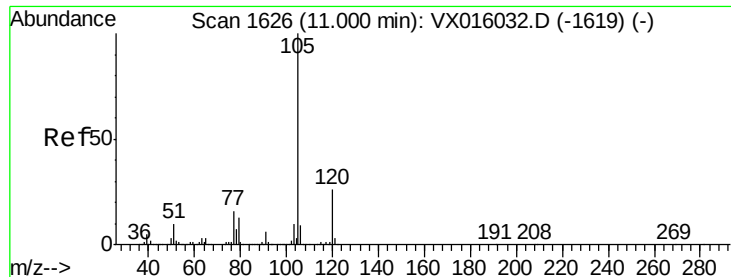
115 84.0 41.3 124.1

150 175.3 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: 49.634 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

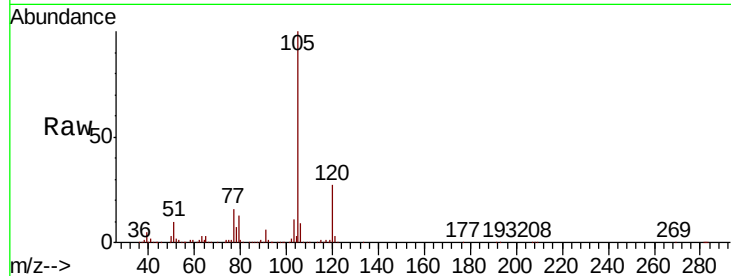
ClientSampleId :

Tot Ion:105 Resp: 814876

Ion Ratio Lower Upper

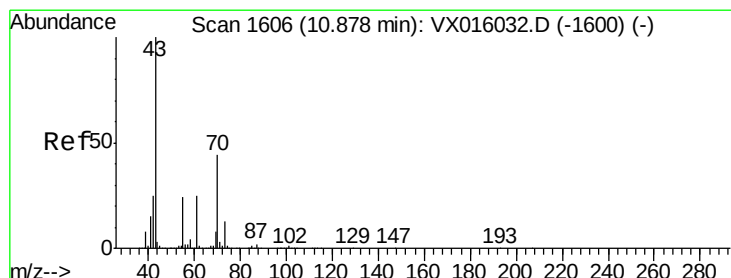
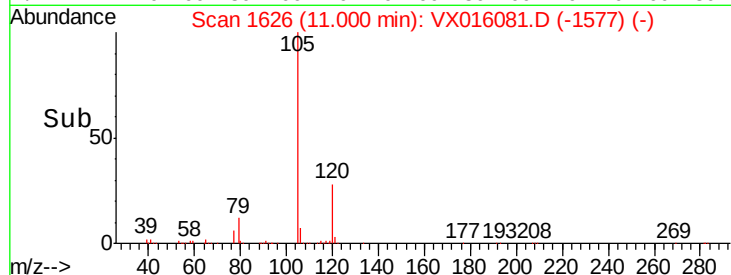
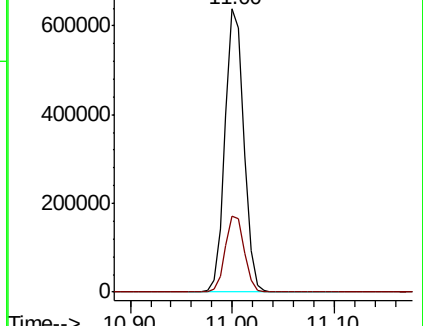
105 100

120 27.0 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: 48.612 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Tgt Ion: 43 Resp: 372267

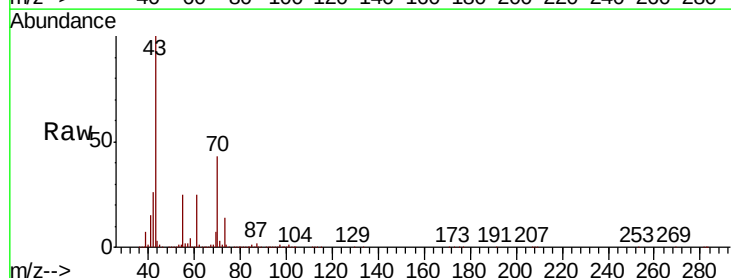
Ion Ratio Lower Upper

43 100

70 44.9 36.5 54.7

55 25.2 19.7 29.5

61 25.7 20.9 31.3

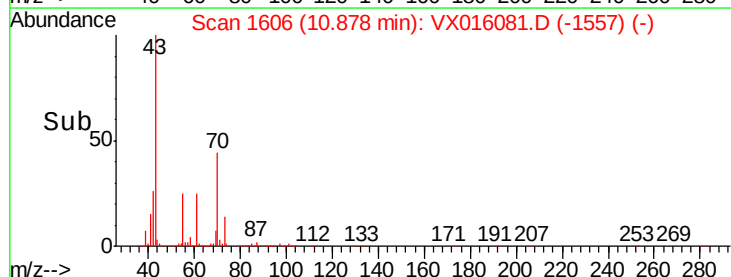
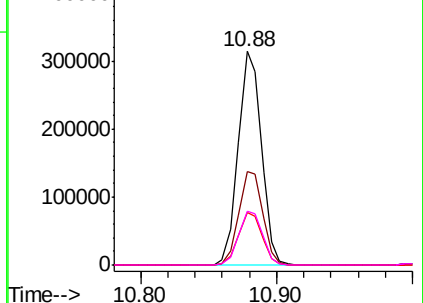


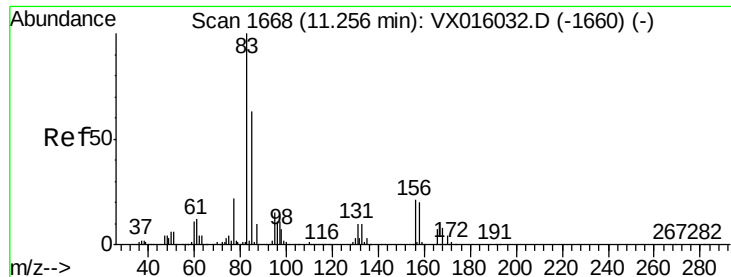
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.902 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampled :

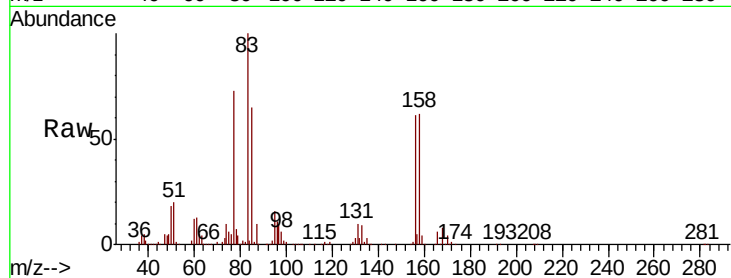
Tot Ion: 83 Resp: 149848

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

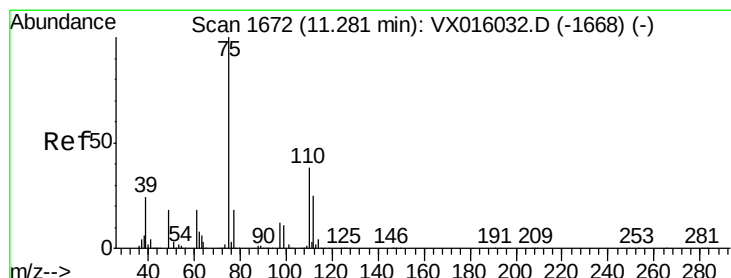
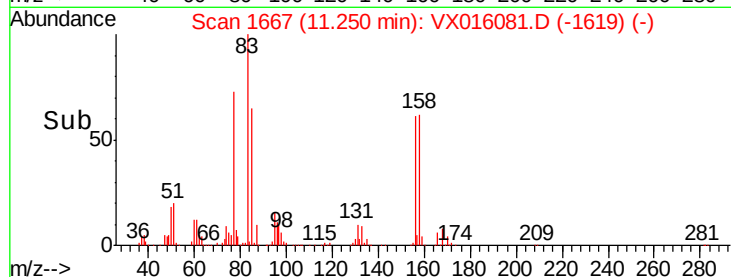
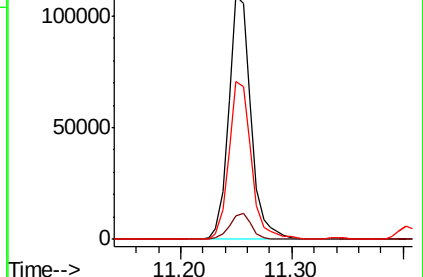
85 65.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.968 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016081.D

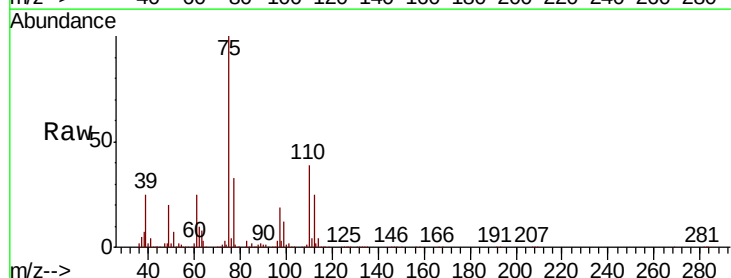
Acq: 06 May 2020 16:41

Tgt Ion: 75 Resp: 332773

Ion Ratio Lower Upper

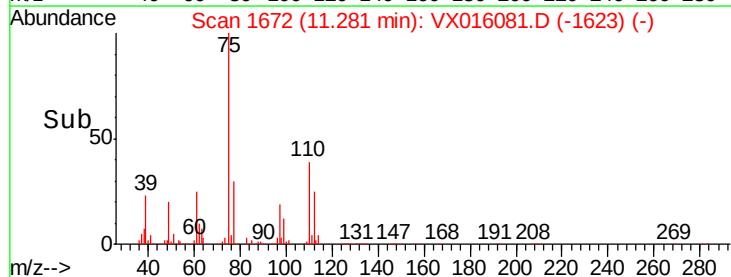
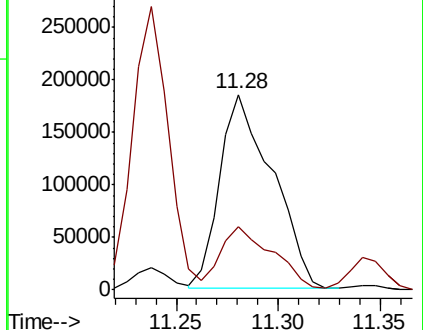
75 100

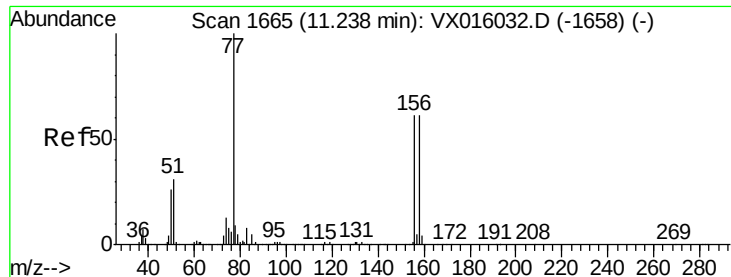
77 32.1 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.242 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

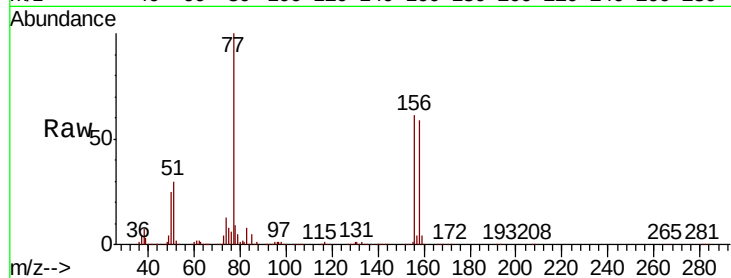
Tot Ion:156 Resp: 204435

Ion Ratio Lower Upper

156 100

77 161.8 80.1 240.3

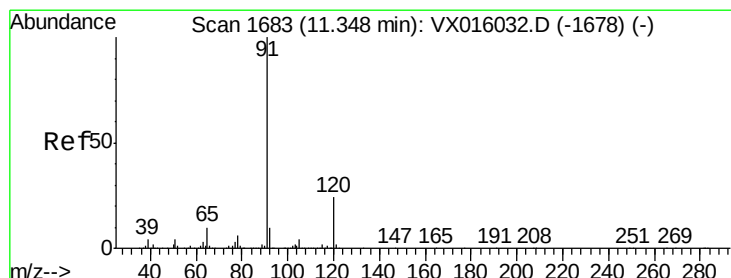
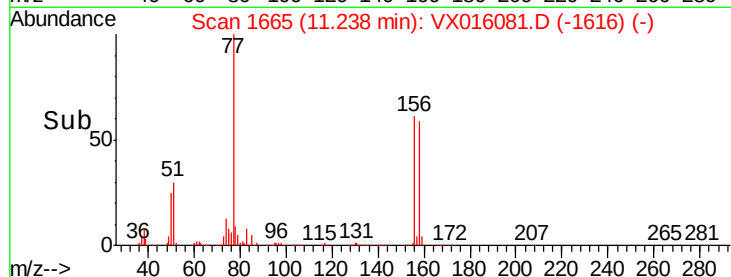
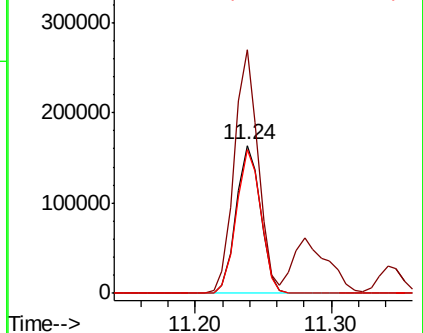
158 97.3 49.4 148.2



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: 50.000 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016081.D

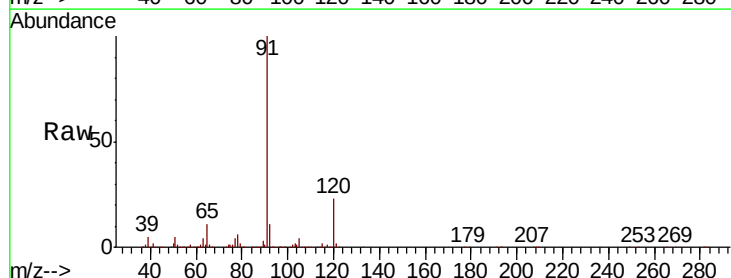
Acq: 06 May 2020 16:41

Tgt Ion: 91 Resp: 954976

Ion Ratio Lower Upper

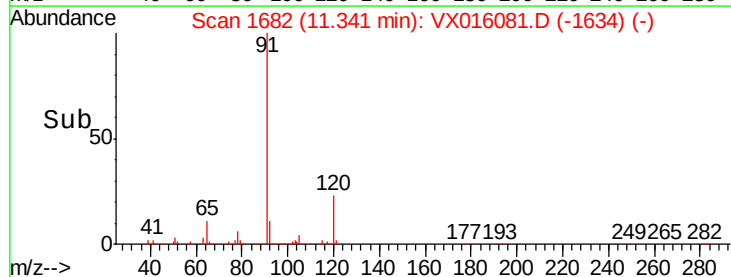
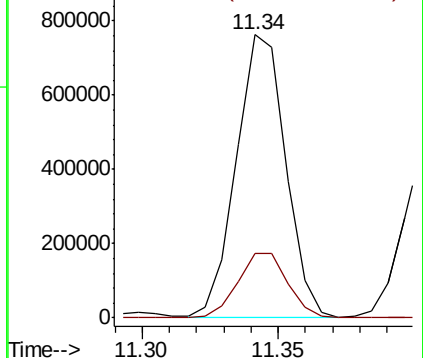
91 100

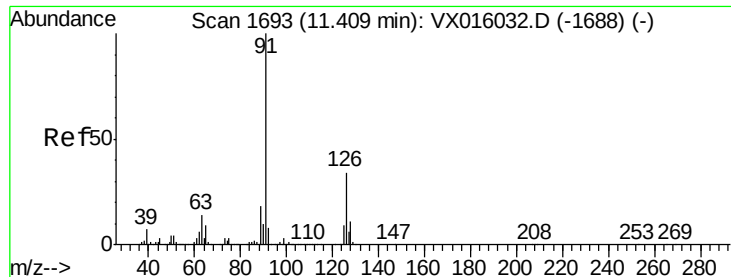
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

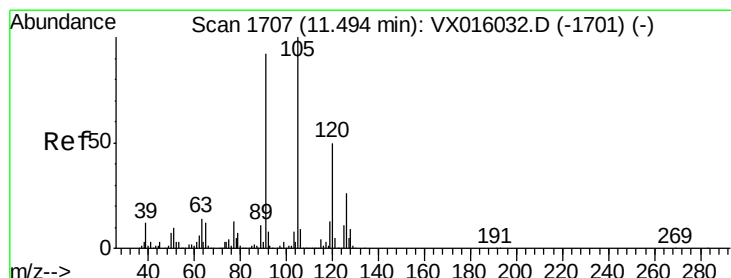
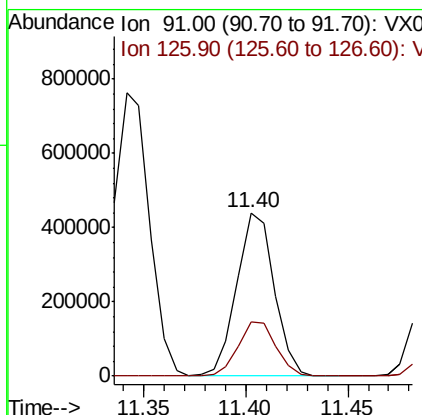
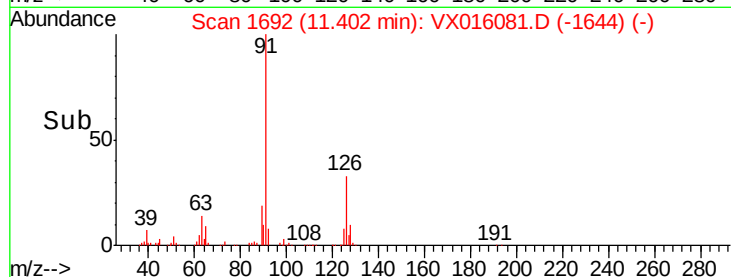
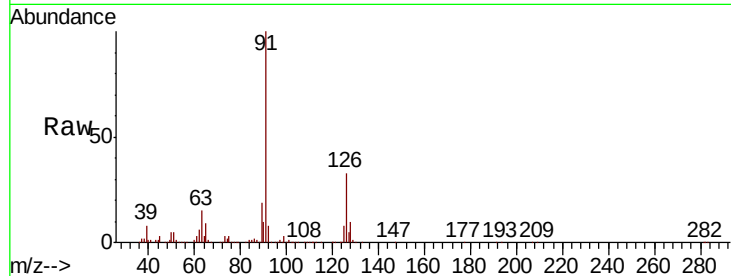




#79
 2-Chlorotoluene
 Concen: 49.617 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

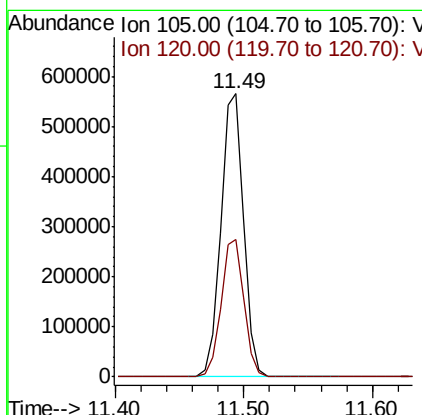
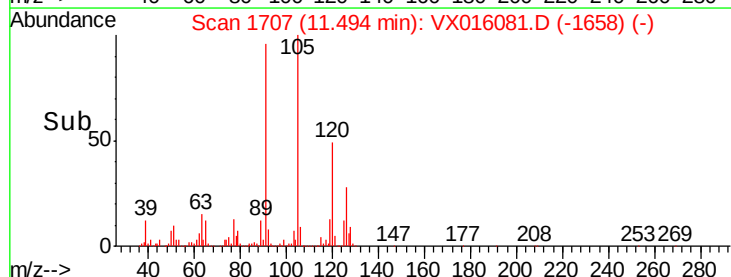
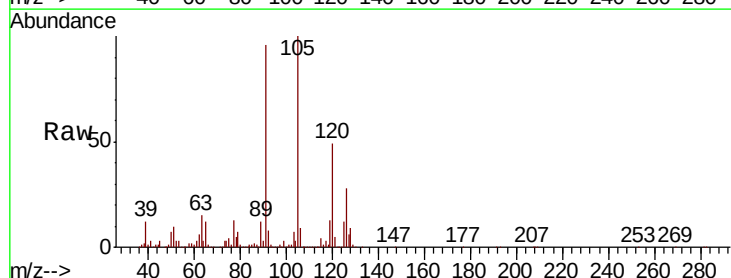
Instrument :
 MSVOA_X
 ClientSampleId :

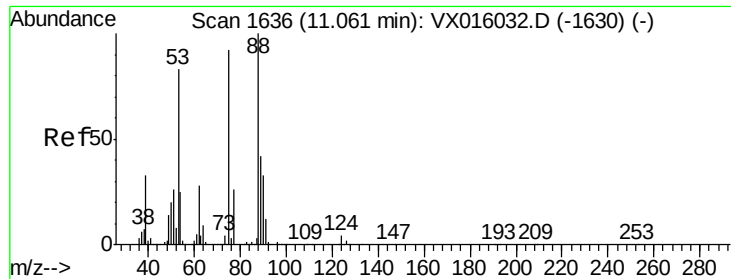
Tot Ion: 91 Resp: 559373
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 50.489 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion: 105 Resp: 699877
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 49.880 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

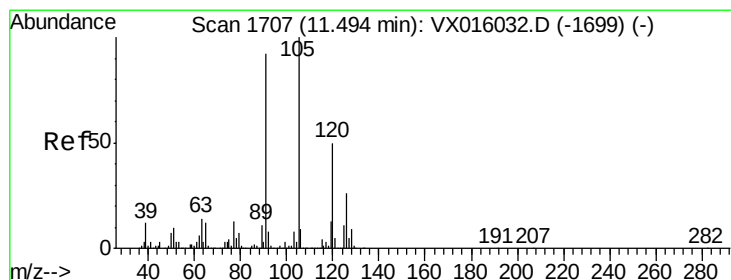
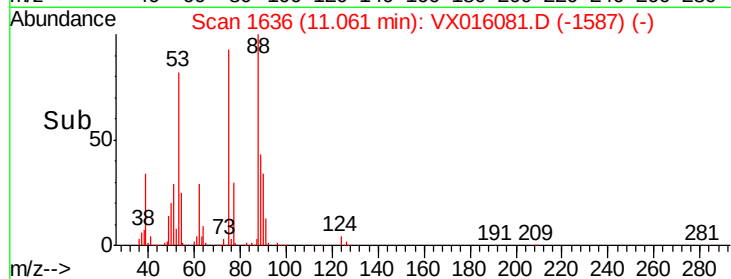
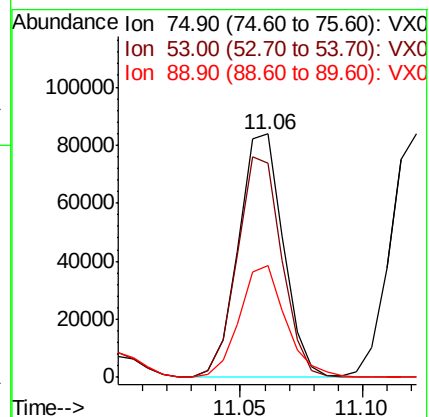
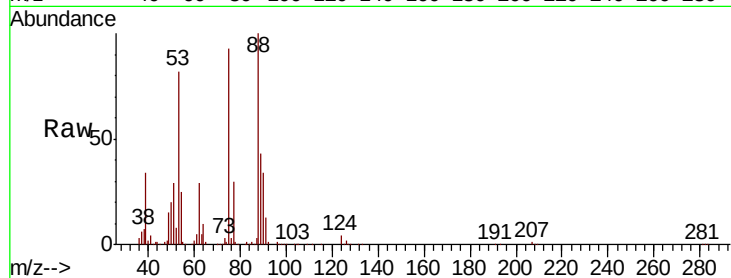
Tot Ion: 75 Resp: 107211

Ion Ratio Lower Upper

75 100

53 89.8 73.1 109.7

89 47.6 36.7 55.1



#82

4-Chlorotoluene

Concen: 49.467 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016081.D

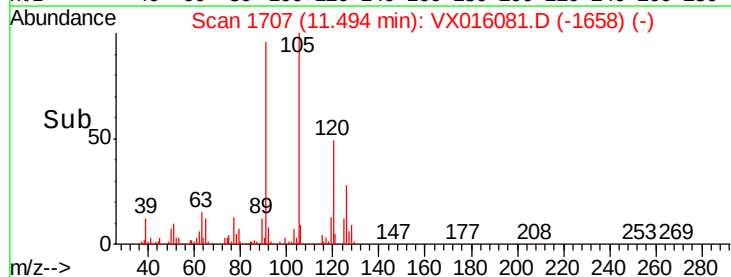
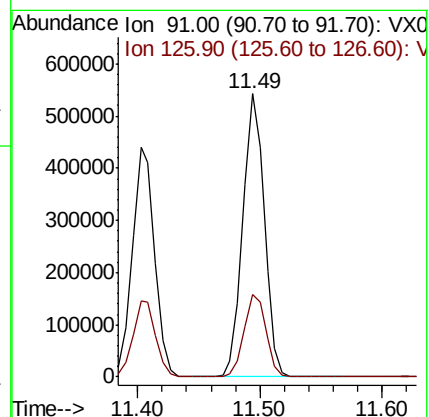
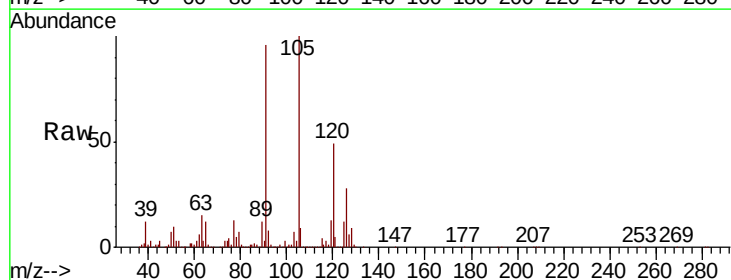
Acq: 06 May 2020 16:41

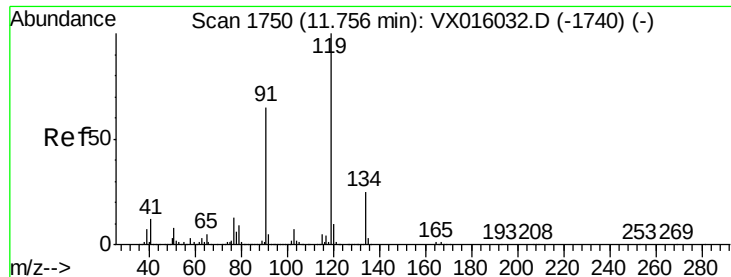
Tgt Ion: 91 Resp: 658563

Ion Ratio Lower Upper

91 100

126 29.7 14.8 44.3

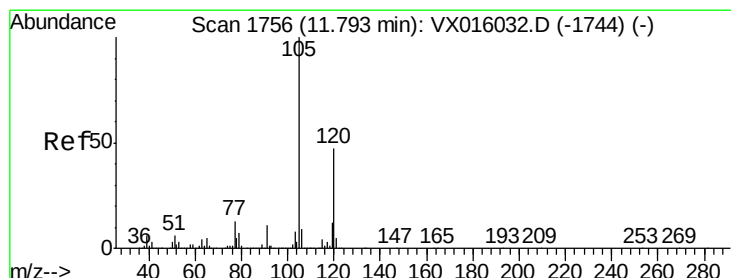
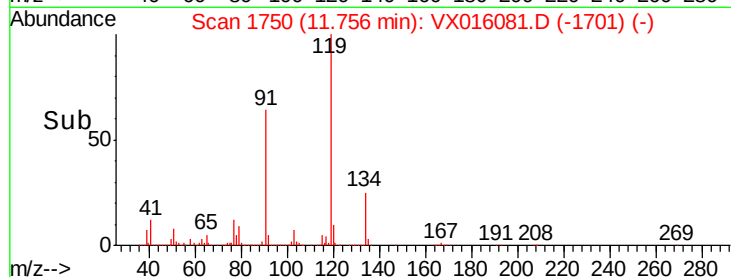
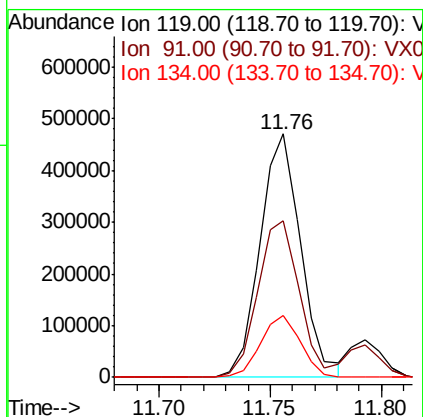
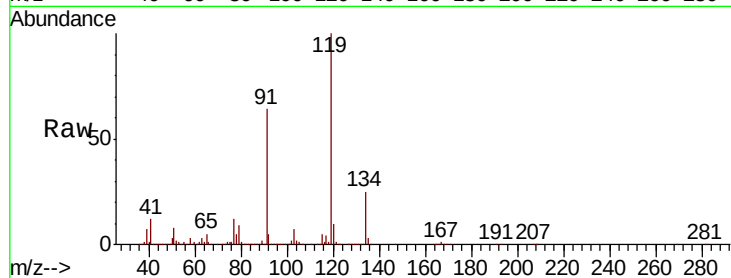




#83
 tert-Butylbenzene
 Concen: 50.071 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

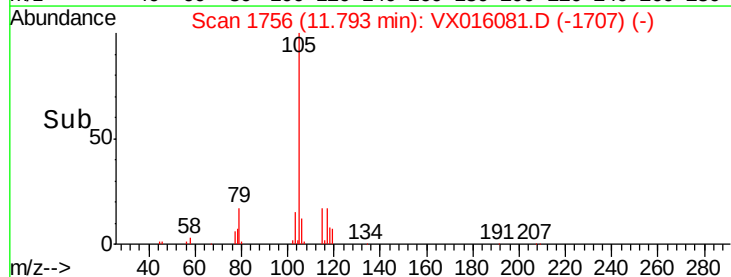
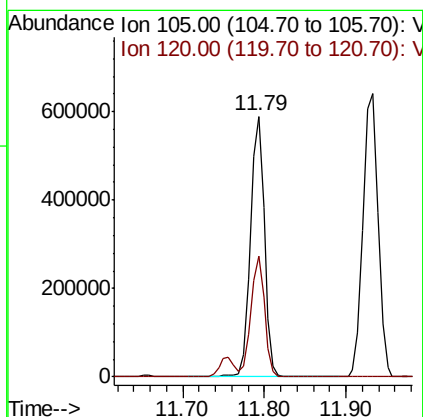
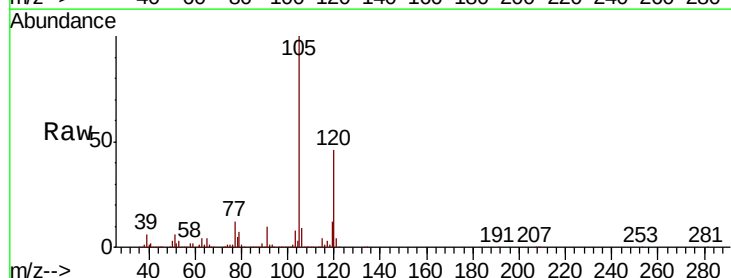
Instrument :
 MSVOA_X
 ClientSampleId :

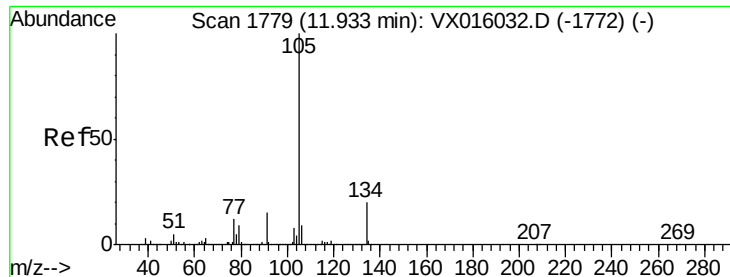
Tot Ion	Ratio	Lower	Upper
119	100		
91	65.0	32.8	98.4
134	24.9	12.4	37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.322 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	23.0	69.0

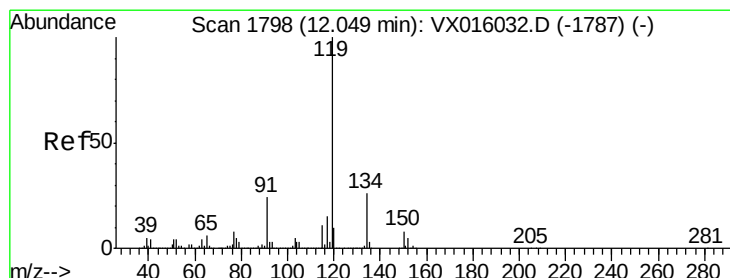
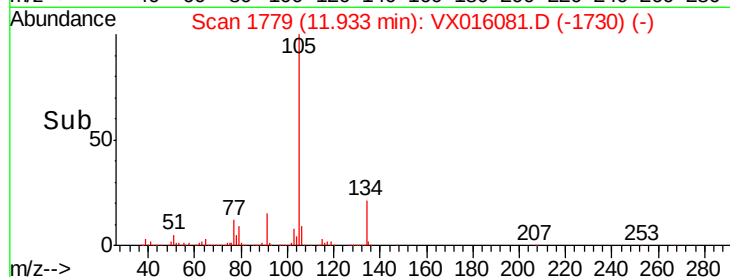
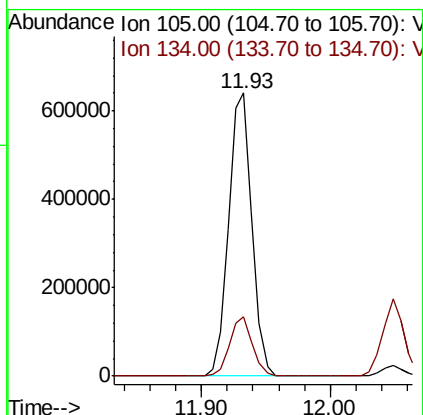
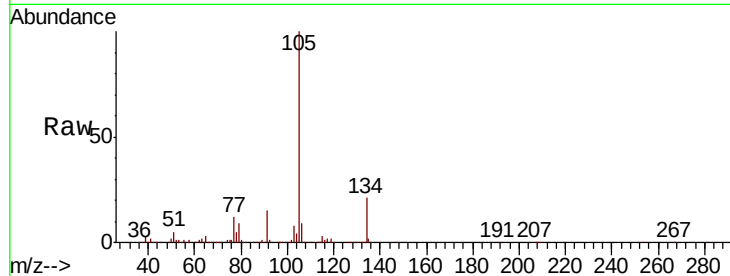




#85
 sec-Butylbenzene
 Concen: 50.169 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

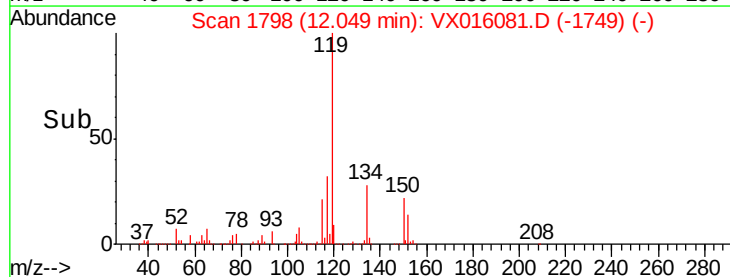
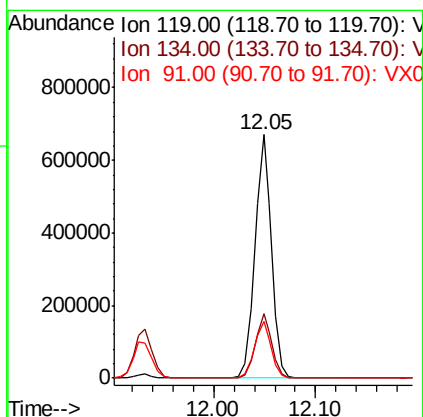
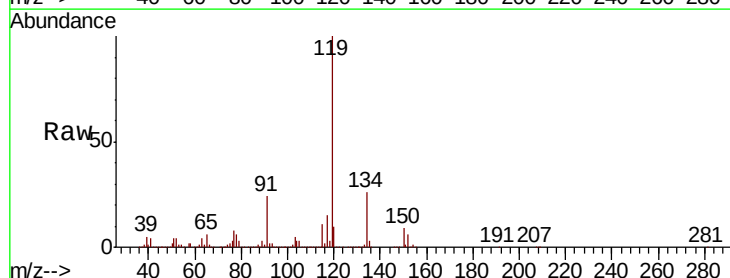
Instrument :
 MSVOA_X
 ClientSampleId :

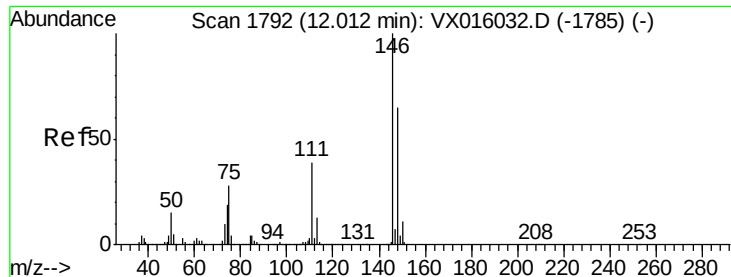
Tot Ion:105 Resp: 809192
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 50.903 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion:119 Resp: 762285
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 23.5 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 48.893 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016081.D

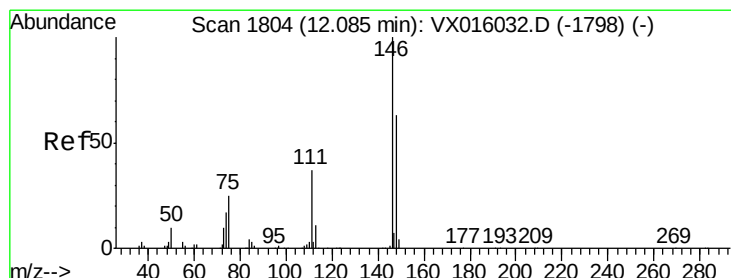
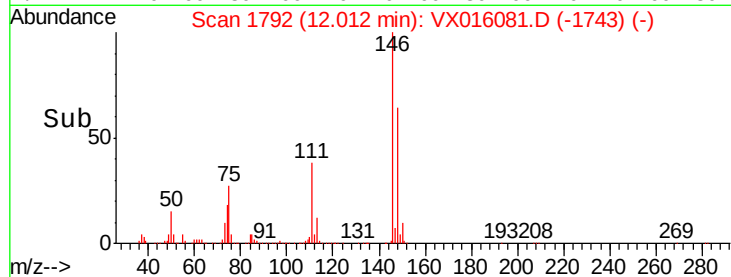
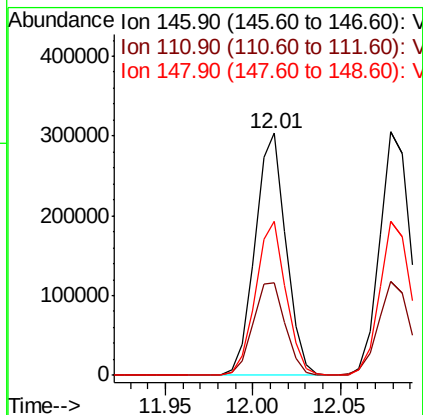
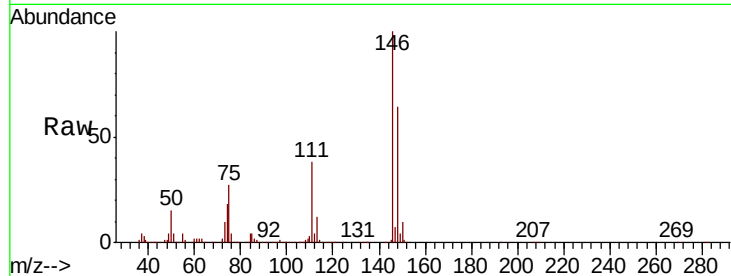
Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:146	Resp:	372022
Ion	Ratio	Lower Upper
146	100	
111	40.1	20.2 60.6
148	62.5	32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 48.064 ug/l

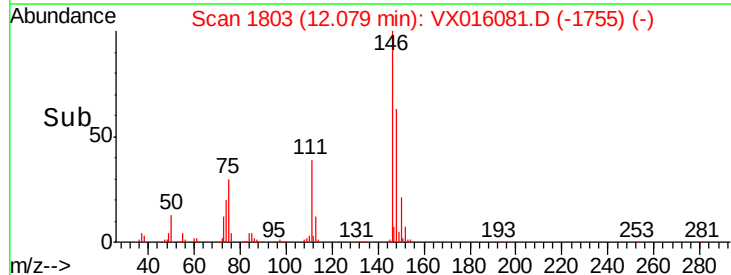
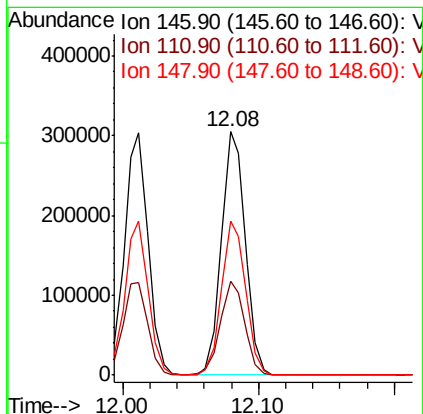
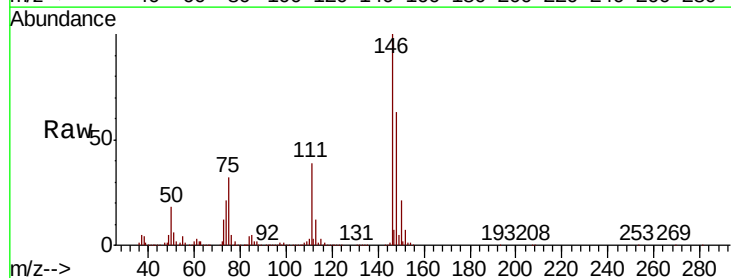
RT: 12.08 min Scan# 1803

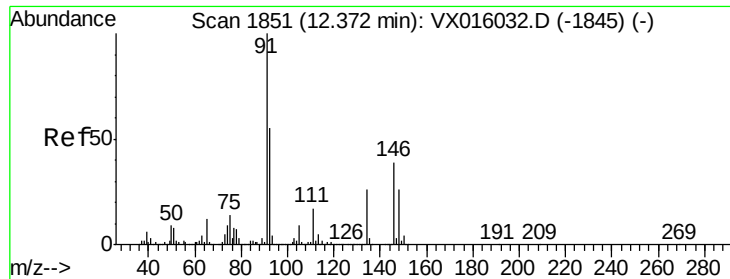
Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Tgt Ion:146	Resp:	371192
Ion	Ratio	Lower Upper
146	100	
111	39.2	19.6 58.7
148	63.7	31.8 95.3

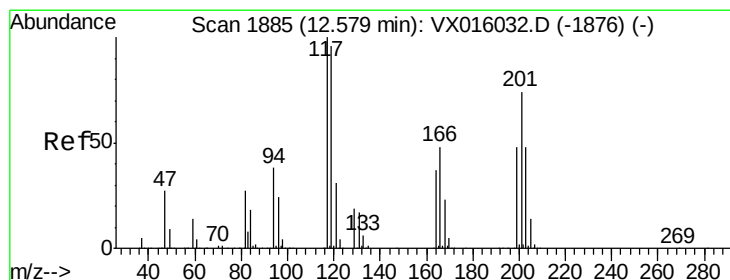
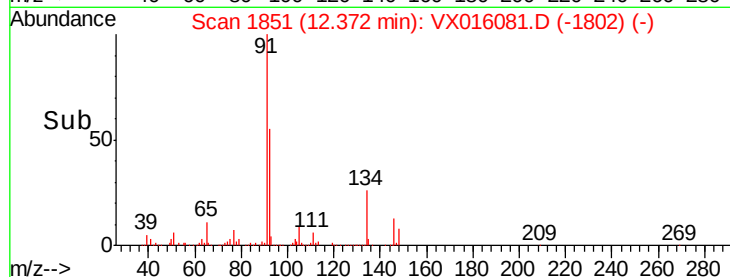
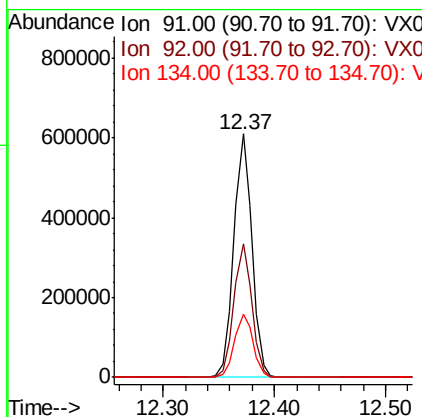
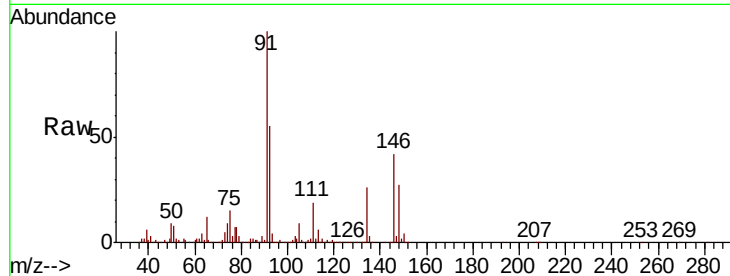




#89
n-Butylbenzene
Concen: 49.942 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

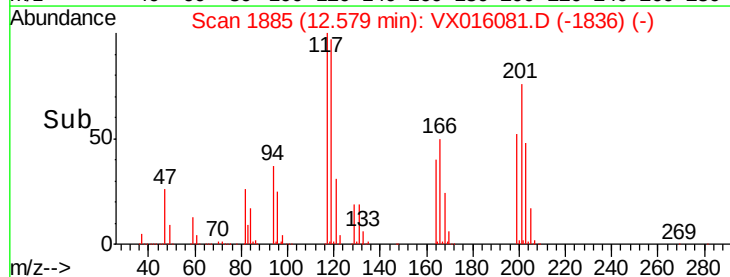
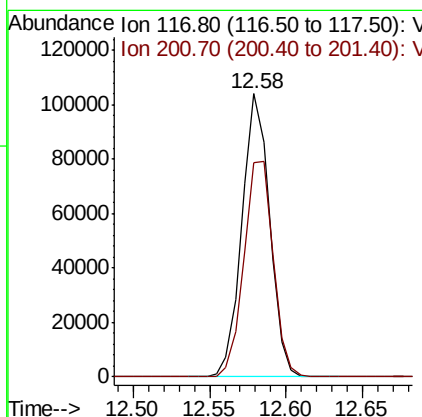
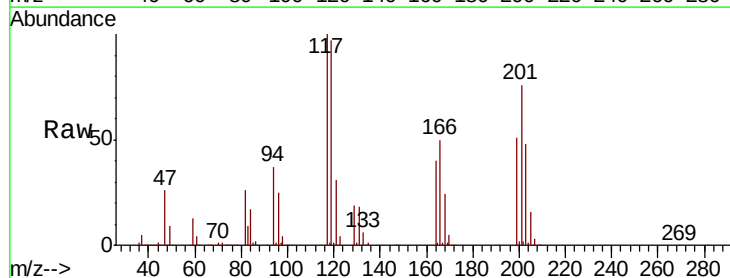
Instrument :
MSVOA_X
ClientSampleId :

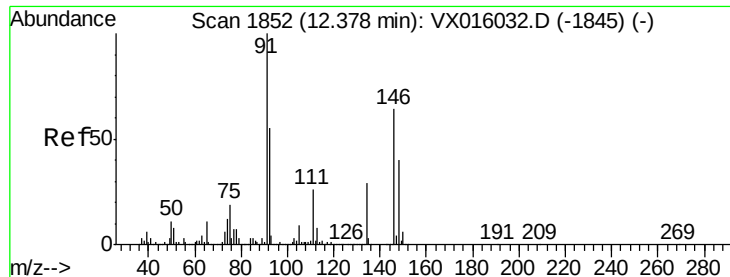
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.6	82.7
134	26.6	13.4	40.1



#90
Hexachloroethane
Concen: 50.744 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016081.D
Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.8	39.8	119.3

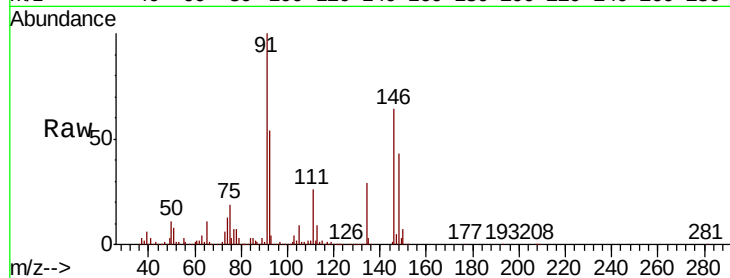




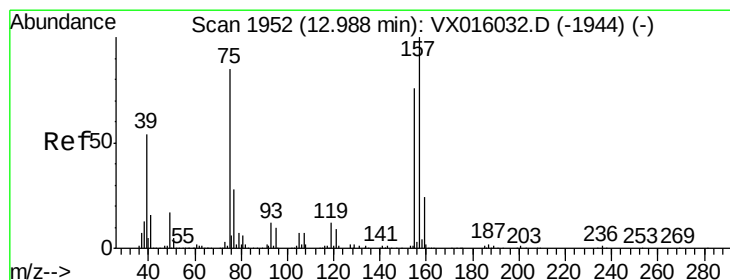
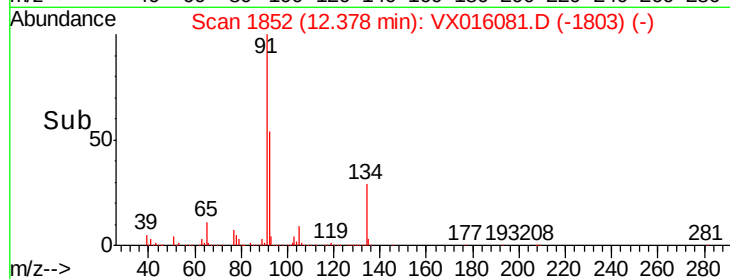
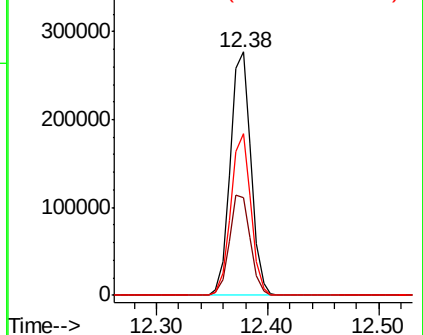
#91
 1,2-Dichlorobenzene
 Concen: 48.078 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.1	63.1
148	64.8	32.4	97.0

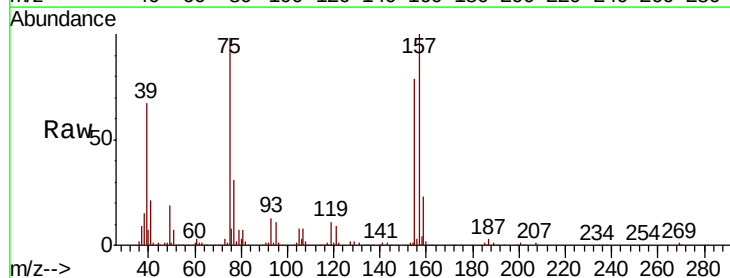


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

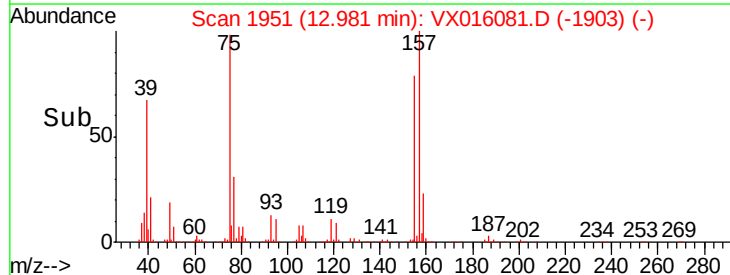
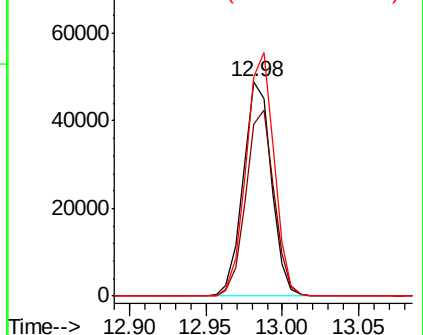


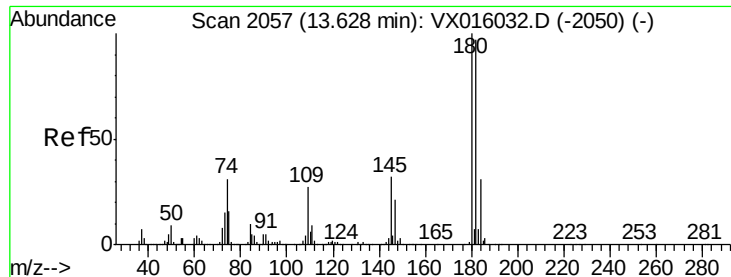
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.530 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.6	42.5	127.5
157	112.3	55.3	165.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

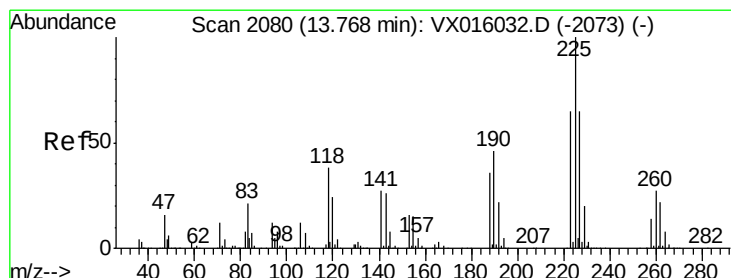
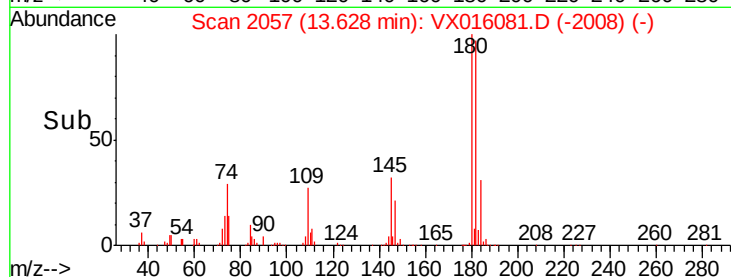
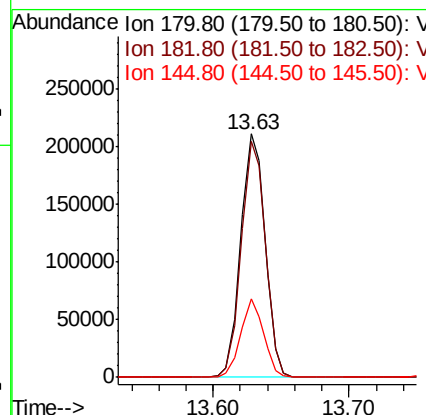
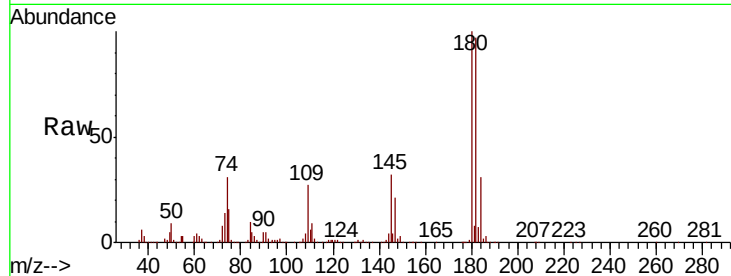




#93
 1,2,4-Trichlorobenzene
 Concen: 48.354 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

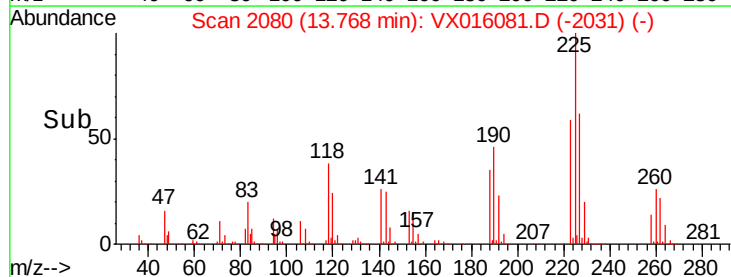
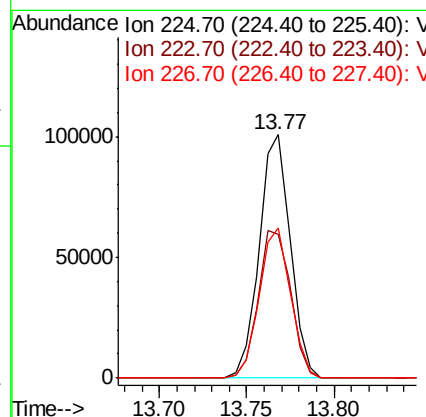
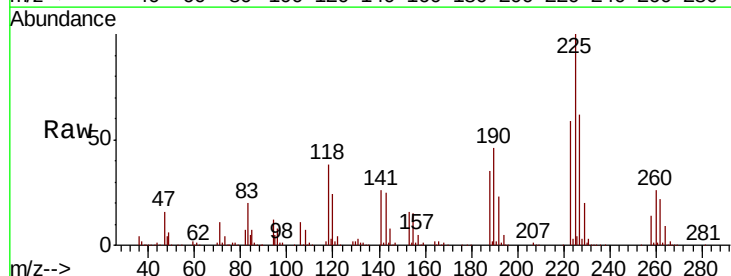
Instrument :
 MSVOA_X
 ClientSampled :

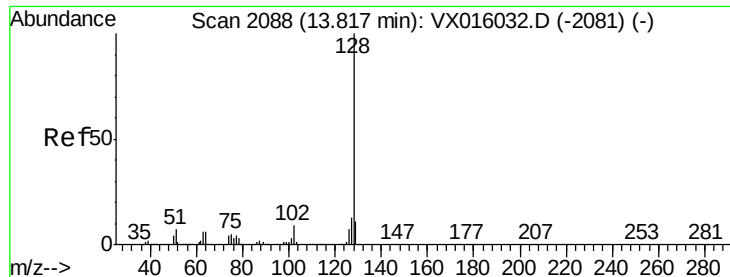
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.7	146.1
145	30.4	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 53.349 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016081.D
 Acq: 06 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.3	96.9
227	62.2	31.8	95.4





#95

Naphthalene

Concen: 48.407 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

Instrument :

MSVOA_X

ClientSampled :

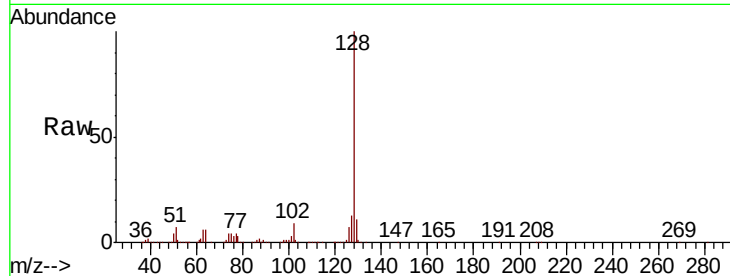
Tot Ion:128 Resp: 850221

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

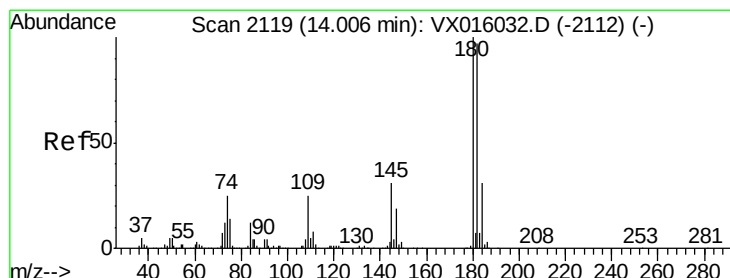
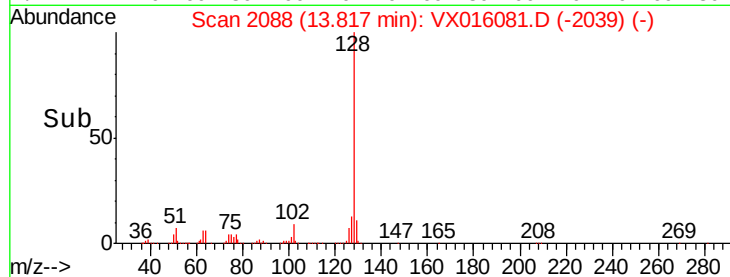
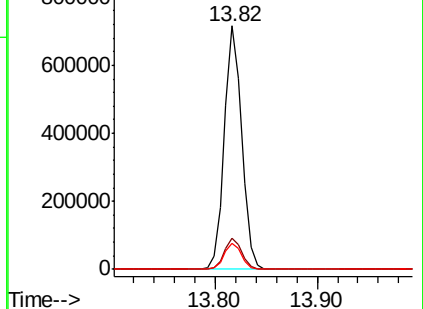
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.821 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016081.D

Acq: 06 May 2020 16:41

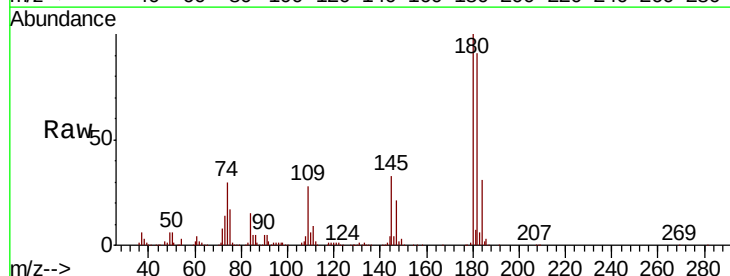
Tgt Ion:180 Resp: 258812

Ion Ratio Lower Upper

180 100

182 94.1 48.4 145.0

145 32.4 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

