

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016195.D
 Acq On : 13 May 2020 21:30
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 14 04:41:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	276957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	446482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216157	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	165681	45.46	ug/l	0.00
Spiked Amount			Recovery	=	90.92%	
35) Dibromofluoromethane	5.47	113	133263	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
50) Toluene-d8	8.70	98	519686	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	
62) 4-Bromofluorobenzene	11.12	95	199666	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	142349	48.558	ug/l	99
3) Chloromethane	1.31	50	147569	43.346	ug/l	100
4) Vinyl Chloride	1.39	62	165312	45.513	ug/l	98
5) Bromomethane	1.62	94	74426	40.644	ug/l	97
6) Chloroethane	1.70	64	100138	45.311	ug/l	98
7) Trichlorofluoromethane	1.91	101	217495	45.610	ug/l	99
8) Diethyl Ether	2.17	74	90570	45.078	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	125281	45.537	ug/l	99
10) Methyl Iodide	2.49	142	130838	35.405	ug/l	100
11) Tert butyl alcohol	3.02	59	210568	228.483	ug/l	100
12) 1,1-Dichloroethene	2.36	96	128691	44.700	ug/l	98
13) Acrolein	2.27	56	127111	220.410	ug/l	99
14) Allyl chloride	2.70	41	237990	45.084	ug/l	96
15) Acrylonitrile	3.12	53	450110	235.432	ug/l	100
16) Acetone	2.42	43	357006	219.543	ug/l	97
17) Carbon Disulfide	2.55	76	376128	43.477	ug/l	99
18) Methyl Acetate	2.75	43	195855	48.985	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	491459	49.519	ug/l	99
20) Methylene Chloride	2.84	84	152796	45.580	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	145571	45.374	ug/l	98
22) Diisopropyl ether	3.82	45	472046	47.400	ug/l	94
23) Vinyl Acetate	3.79	43	2077071	237.067	ug/l	99
24) 1,1-Dichloroethane	3.67	63	269340	48.348	ug/l	99
25) 2-Butanone	4.64	43	619794	236.531	ug/l	99
26) 2,2-Dichloropropane	4.55	77	211714	41.614	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	170048	48.482	ug/l	96
28) Bromochloromethane	4.98	49	125288	49.321	ug/l	97
29) Tetrahydrofuran	5.09	42	405007	233.265	ug/l	98
30) Chloroform	5.18	83	268744	48.451	ug/l	100
31) Cyclohexane	5.55	56	232970	46.015	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	242617	48.120	ug/l	99
36) 1,1-Dichloropropene	5.77	75	201894	45.937	ug/l	99
37) Ethyl Acetate	4.79	43	236368	46.402	ug/l	99
38) Carbon Tetrachloride	5.76	117	213037	47.689	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	229557	43.372	ug/l	99
40) Benzene	6.11	78	615286	47.847	ug/l	100
41) Methacrylonitrile	5.01	41	126862	46.115	ug/l	98
42) 1,2-Dichloroethane	6.17	62	215051	46.423	ug/l	99
43) Isopropyl Acetate	6.42	43	378481	46.568	ug/l	99
44) Trichloroethene	7.19	130	203401	44.522	ug/l	97
45) 1,2-Dichloropropane	7.49	63	160071	49.194	ug/l	98
46) Dibromomethane	7.64	93	104051	47.055	ug/l	98
47) Bromodichloromethane	7.88	83	219571	48.755	ug/l	100
48) Methyl methacrylate	7.74	41	179612	46.638	ug/l	96
49) 1,4-Dioxane	7.71	88	84462	914.440	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1196048	240.481	ug/l	98
52) Toluene	8.77	92	388850	48.512	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	252358	46.997	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	266883	47.584	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	155764	49.392	ug/l	97
56) Ethyl methacrylate	9.16	69	256722	49.871	ug/l	96
57) 1,3-Dichloropropane	9.35	76	269610	48.996	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	674475	246.114	ug/l	100
59) 2-Hexanone	9.48	43	927682	237.510	ug/l	98
60) Dibromochloromethane	9.57	129	175282	50.466	ug/l	99
61) 1,2-Dibromoethane	9.65	107	166849	48.844	ug/l	98
64) Tetrachloroethene	9.32	164	233561	45.554	ug/l	97
65) Chlorobenzene	10.12	112	408762	46.742	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	159882	49.464	ug/l	98
67) Ethyl Benzene	10.24	91	735624	47.145	ug/l	98
68) m/p-Xylenes	10.34	106	561613	96.068	ug/l	99
69) o-Xylene	10.68	106	272662	48.522	ug/l	98
70) Styrene	10.70	104	470976	49.403	ug/l	99
71) Bromoform	10.84	173	135143	51.319	ug/l #	100
73) Isopropylbenzene	11.00	105	728491	46.336	ug/l	98
74) N-amyl acetate	10.88	43	328328	44.771	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	167021	53.599	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	302183	61.606	ug/l	84
77) Bromobenzene	11.24	156	186291	45.906	ug/l	99
78) n-propylbenzene	11.34	91	828410	45.293	ug/l	99
79) 2-Chlorotoluene	11.40	91	493419	45.703	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	608230	45.819	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	91805	44.602	ug/l	98
82) 4-Chlorotoluene	11.49	91	580941	45.568	ug/l	99
83) tert-Butylbenzene	11.76	119	527643	46.123	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	619983	46.197	ug/l	99
85) sec-Butylbenzene	11.93	105	688784	44.593	ug/l	100
86) p-Isopropyltoluene	12.05	119	645079	44.982	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	329938	45.281	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	333632	45.112	ug/l	99
89) n-Butylbenzene	12.37	91	551994	42.133	ug/l	99
90) Hexachloroethane	12.58	117	113635	46.138	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	326862	46.587	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56811	43.945	ug/l	96

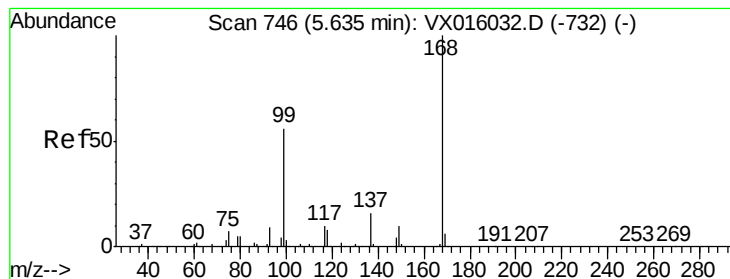
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	227681	43.831	ug/l	98
94) Hexachlorobutadiene	13.77	225	87618	39.285	ug/l	100
95) Naphthalene	13.82	128	779968	46.372	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	227900	44.892	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

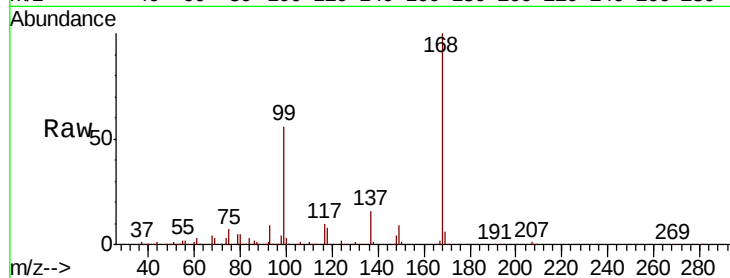
VSTDCCC050

Tot Ion:168 Resp: 276957

Ion Ratio Lower Upper

168 100

99 56.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

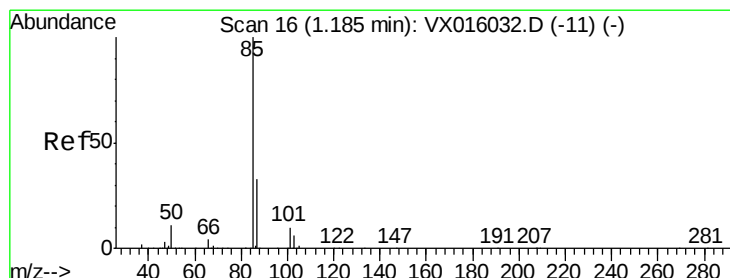
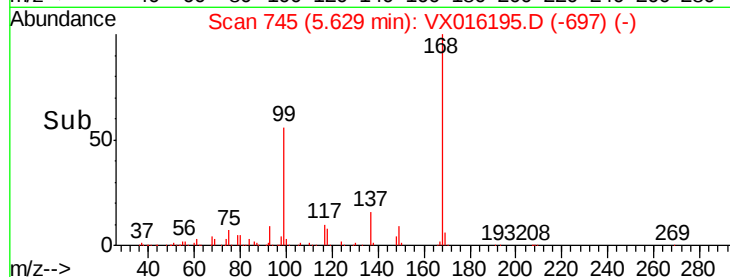
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.558 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016195.D

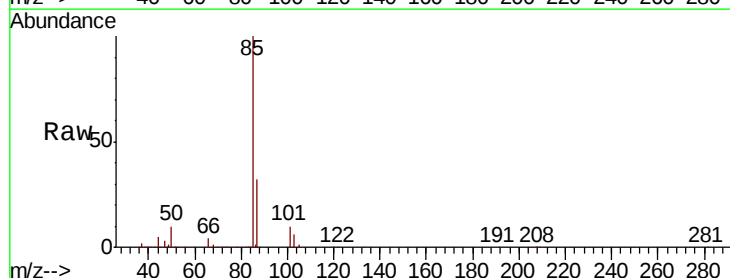
Acq: 13 May 2020 21:30

Tgt Ion: 85 Resp: 142349

Ion Ratio Lower Upper

85 100

87 32.4 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

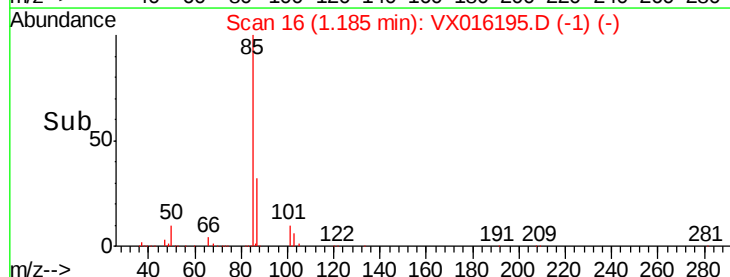
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.346 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

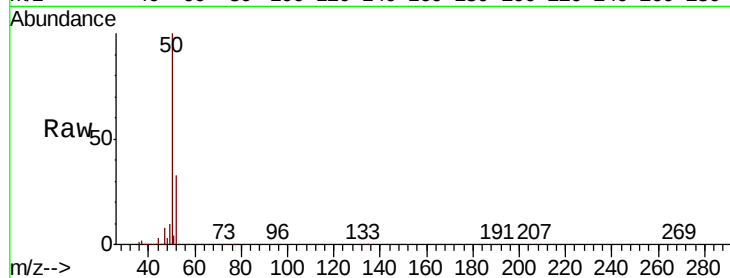
VSTDCCC050

Tot Ion: 50 Resp: 147569

Ion Ratio Lower Upper

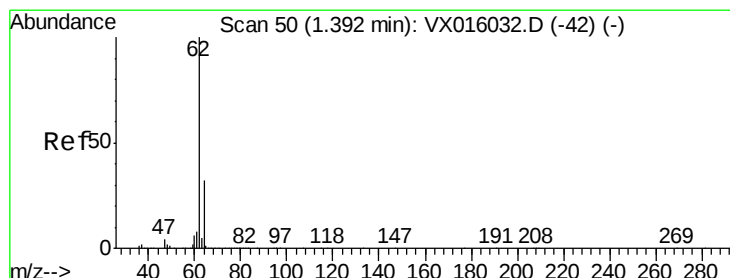
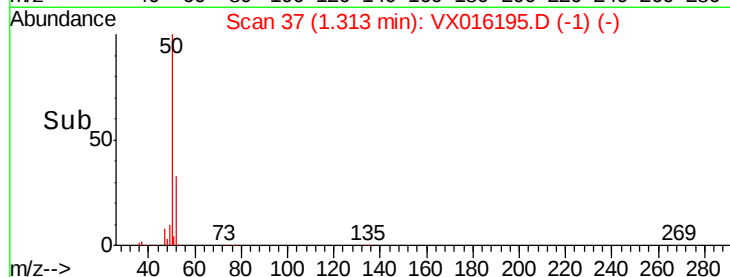
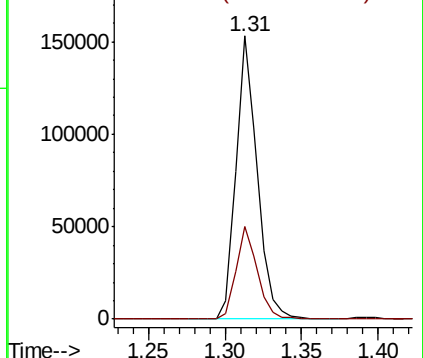
50 100

52 32.8 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.513 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016195.D

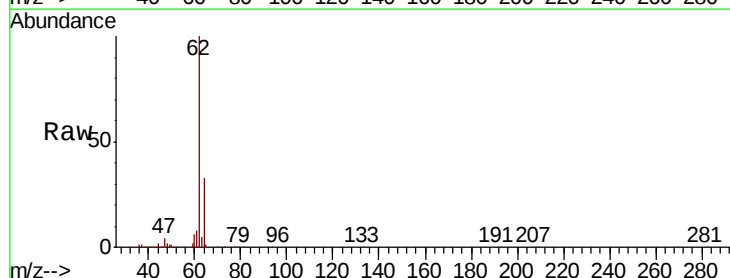
Acq: 13 May 2020 21:30

Tgt Ion: 62 Resp: 165312

Ion Ratio Lower Upper

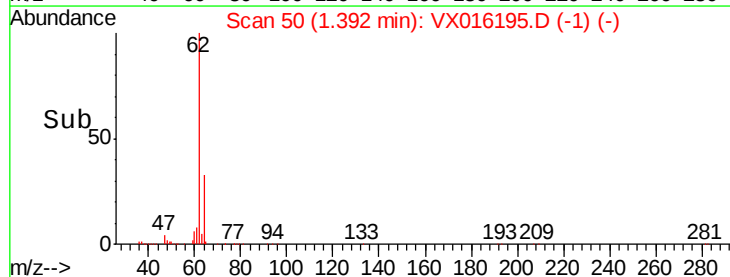
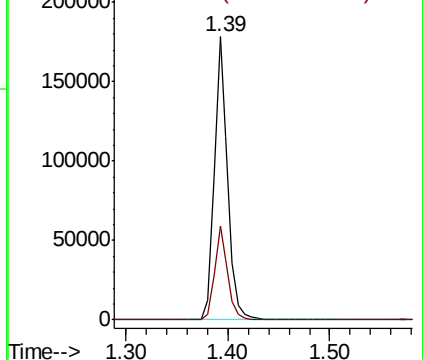
62 100

64 33.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.644 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

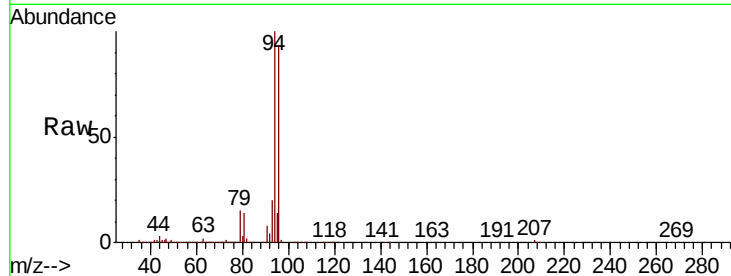
VSTDCCC050

Tot Ion: 94 Resp: 74426

Ion Ratio Lower Upper

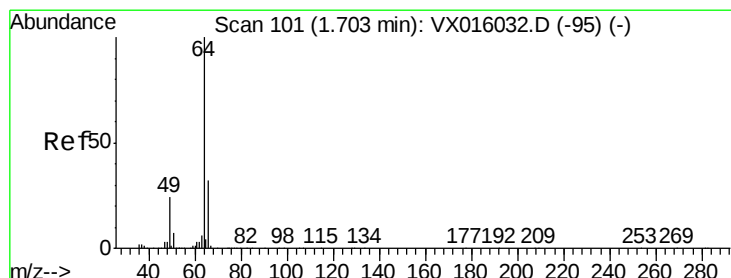
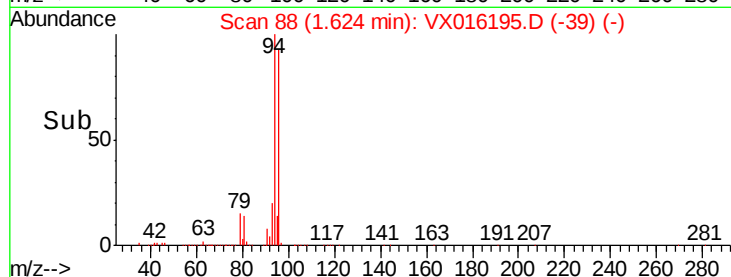
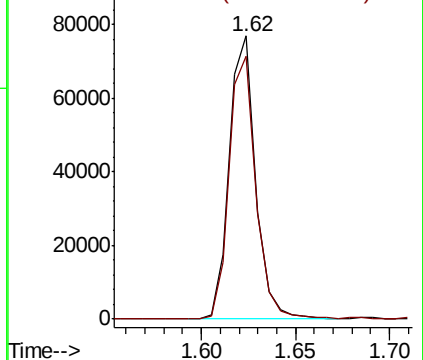
94 100

96 92.9 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: 45.311 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016195.D

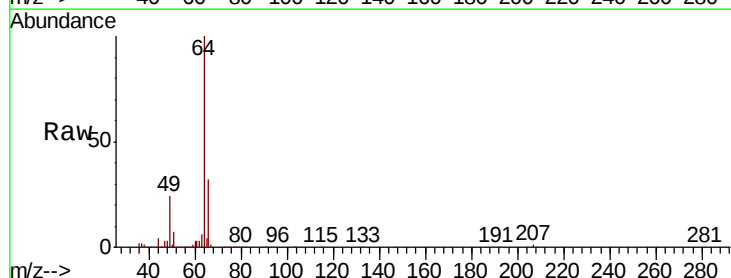
Acq: 13 May 2020 21:30

Tgt Ion: 64 Resp: 100138

Ion Ratio Lower Upper

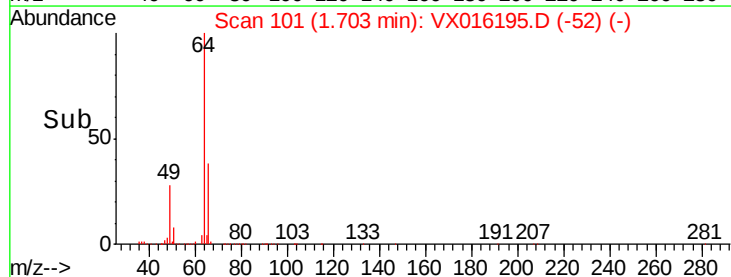
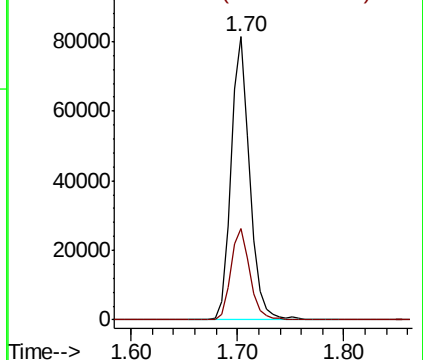
64 100

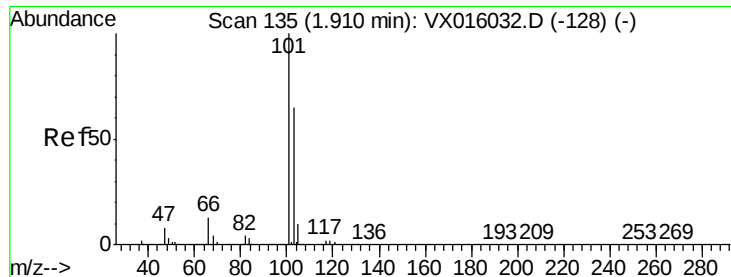
66 32.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



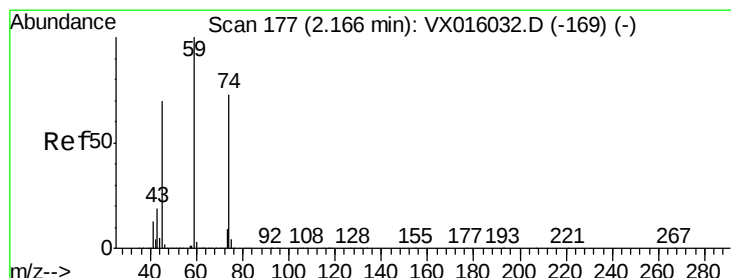
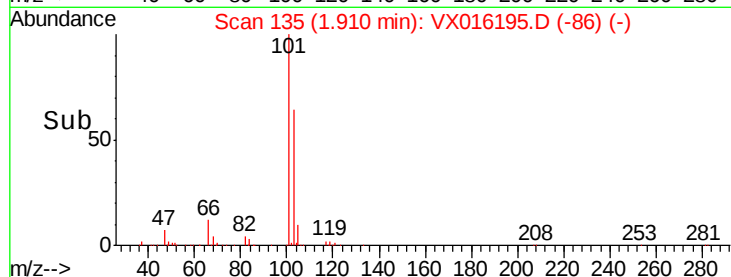
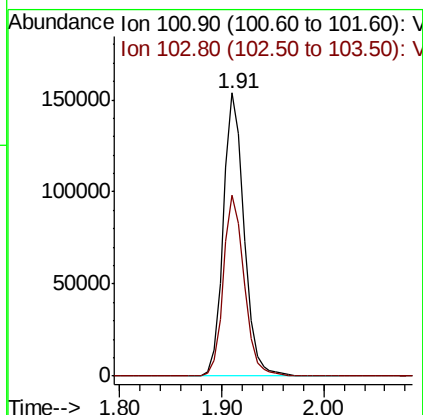
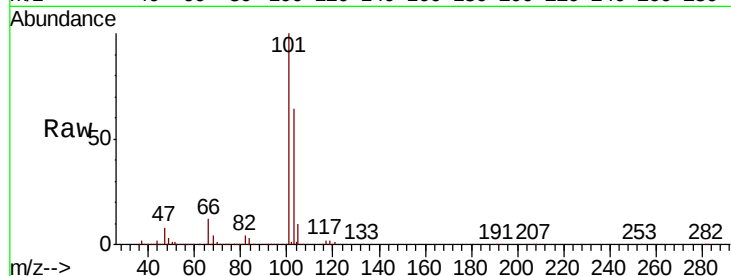


#7

Trichlorofluoromethane
Concen: 45.610 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
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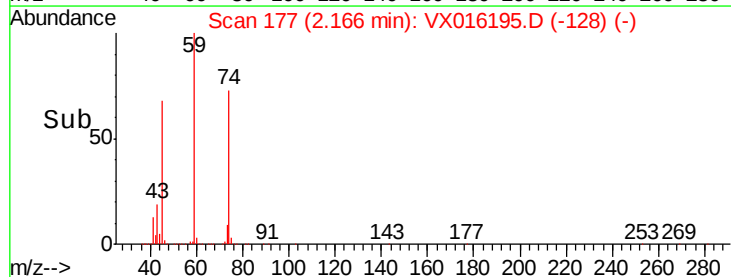
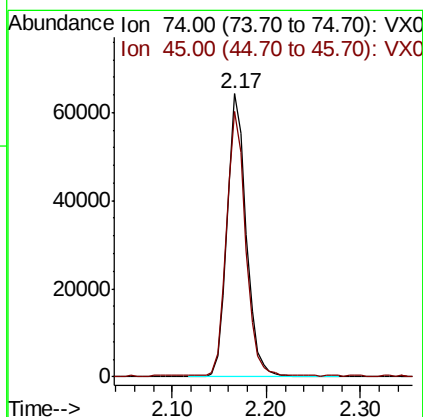
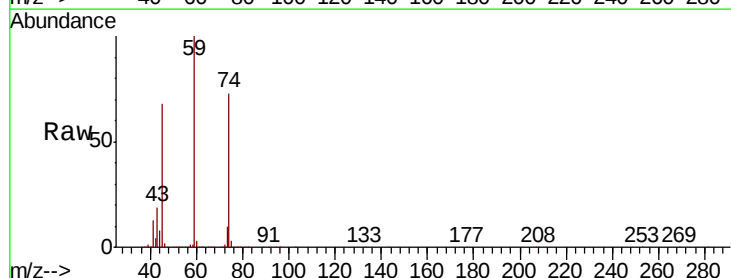
Tot Ion:101 Resp: 217495
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.6

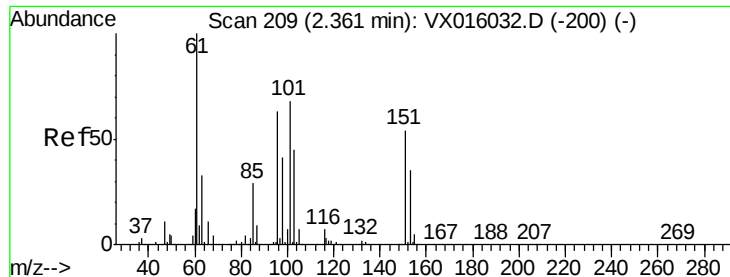


#8

Diethyl Ether
Concen: 45.078 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion: 74 Resp: 90570
Ion Ratio Lower Upper
74 100
45 92.8 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.537 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

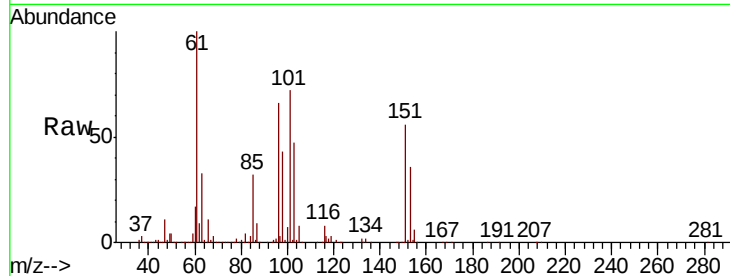
Tot Ion:101 Resp: 125281

Ion Ratio Lower Upper

101 100

85 43.2 34.2 51.4

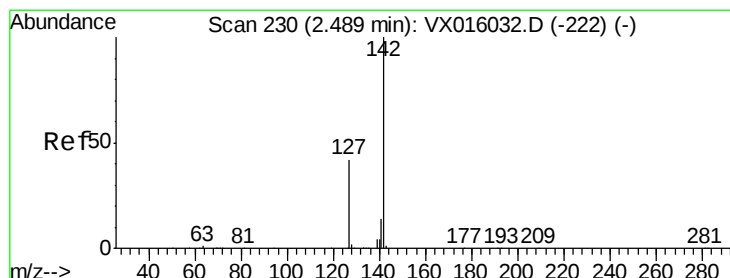
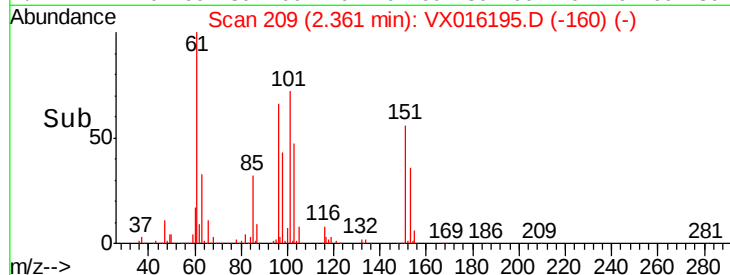
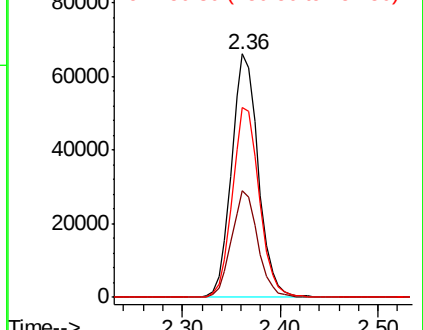
151 78.9 62.1 93.1



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: 35.405 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016195.D

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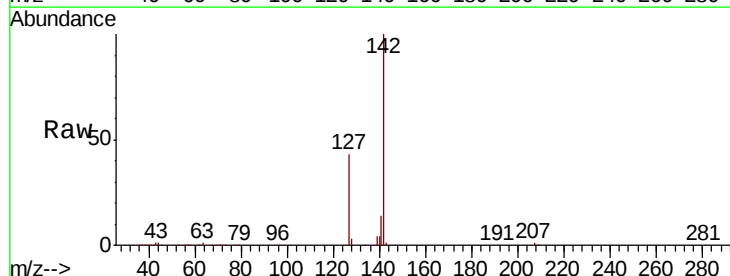
Tgt Ion:142 Resp: 130838

Ion Ratio Lower Upper

142 100

127 43.2 34.6 52.0

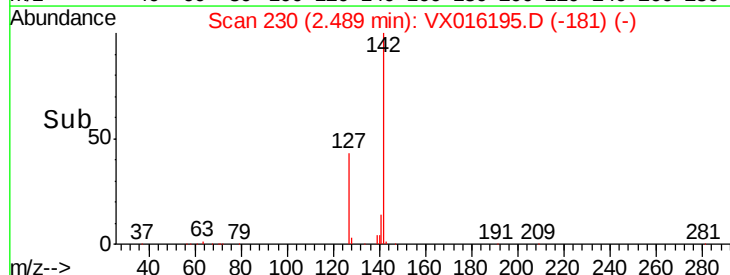
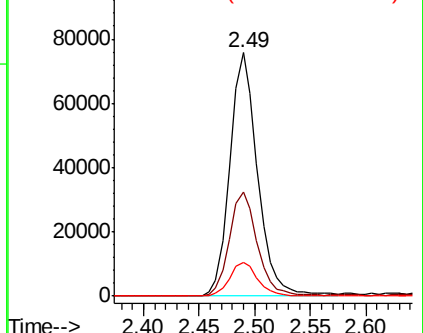
141 14.0 11.3 16.9



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



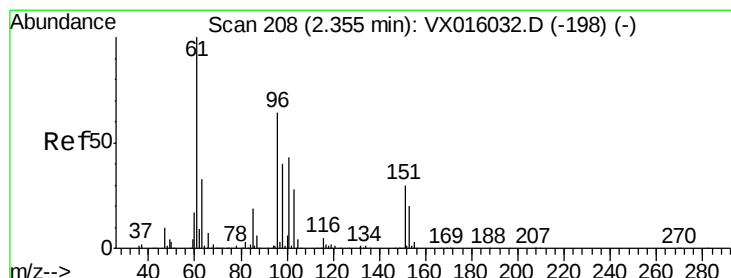
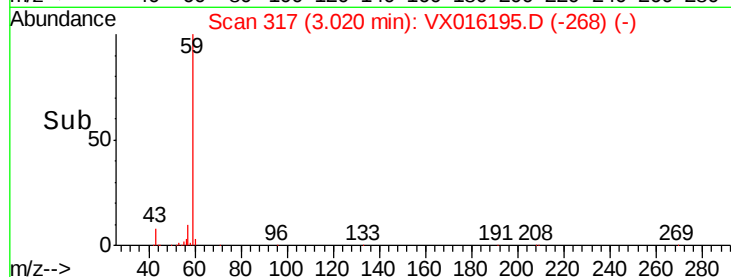
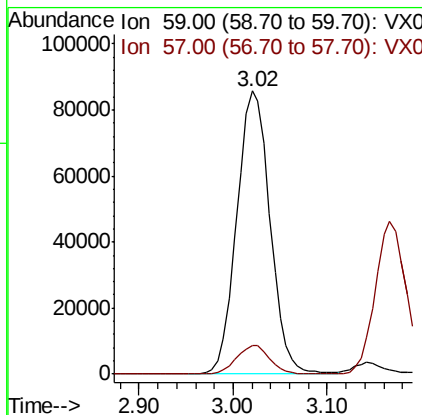
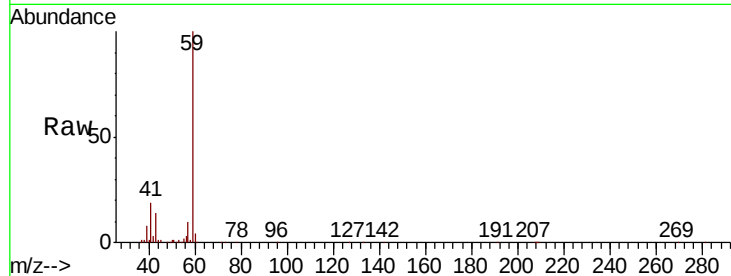


#11

Tert butyl alcohol
 Concen: 228.483 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

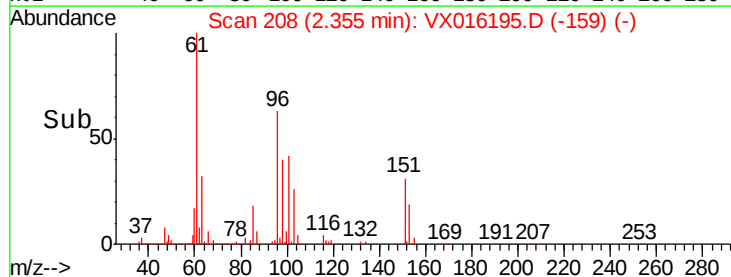
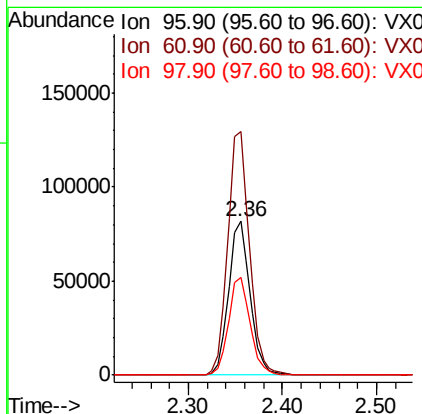
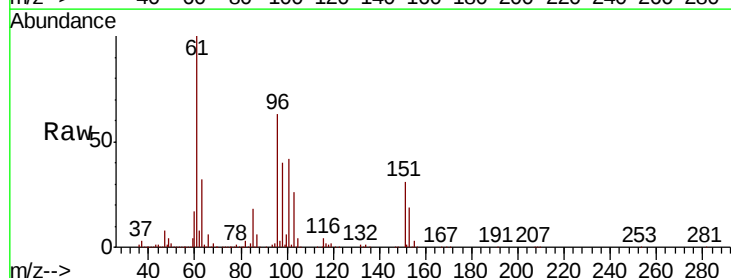
Tot Ion: 59 Resp: 210568
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 44.700 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Tgt Ion: 96 Resp: 128691
 Ion Ratio Lower Upper
 96 100
 61 158.7 124.8 187.2
 98 63.5 49.7 74.5





#13

Acrolein

Concen: 220.410 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

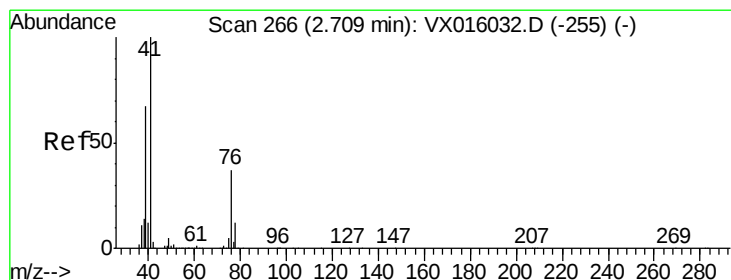
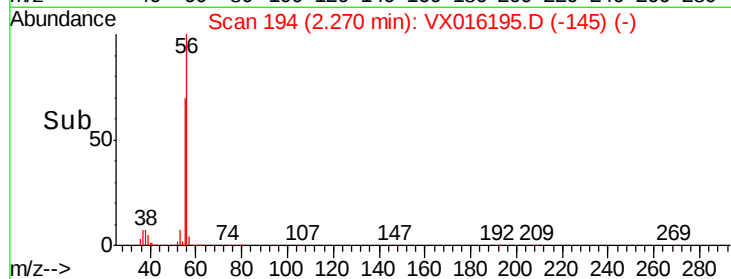
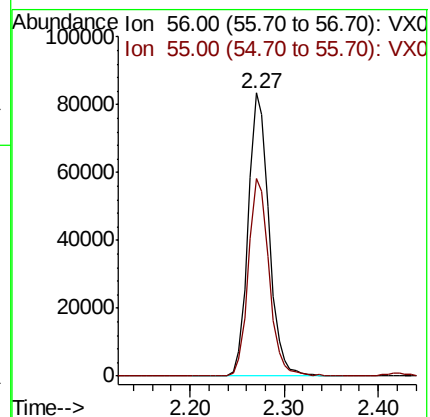
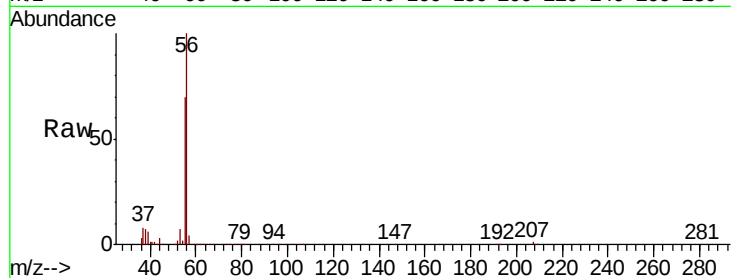
VSTDCCC050

Tot Ion: 56 Resp: 127111

Ion Ratio Lower Upper

56 100

55 69.9 56.5 84.7



#14

Allyl chloride

Concen: 45.084 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

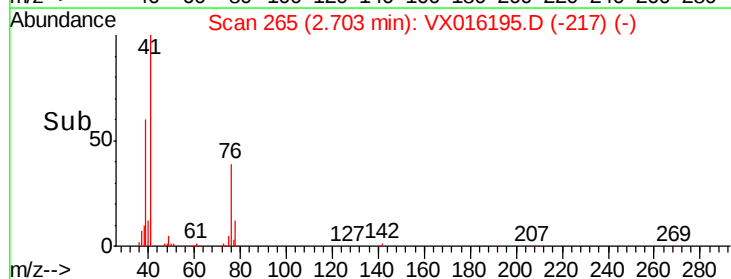
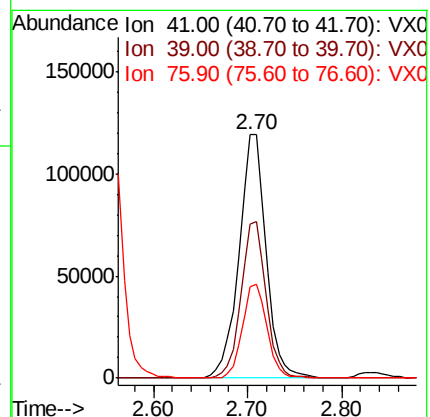
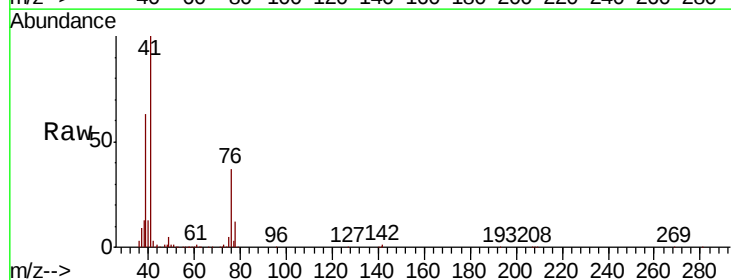
Tgt Ion: 41 Resp: 237990

Ion Ratio Lower Upper

41 100

39 59.4 50.5 75.7

76 34.8 26.6 40.0





#15

Acrylonitrile

Concen: 235.432 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

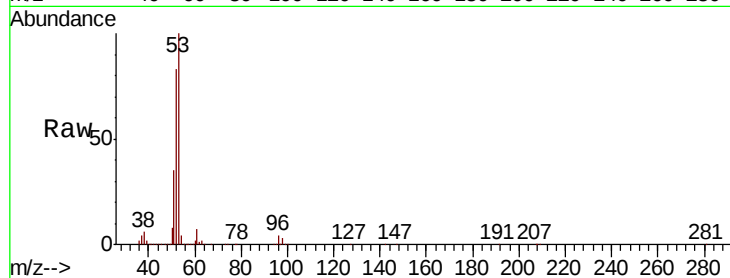
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 450110

Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.1	99.1
51	35.7	28.8	43.2

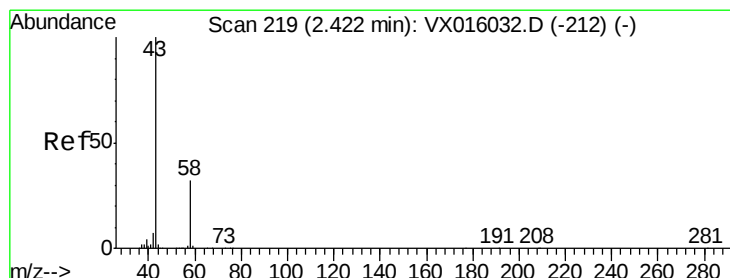
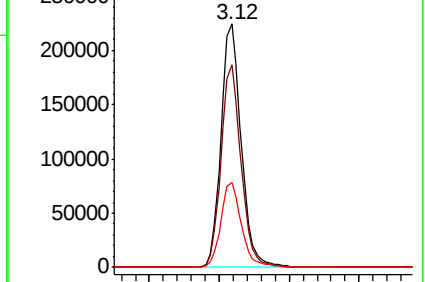
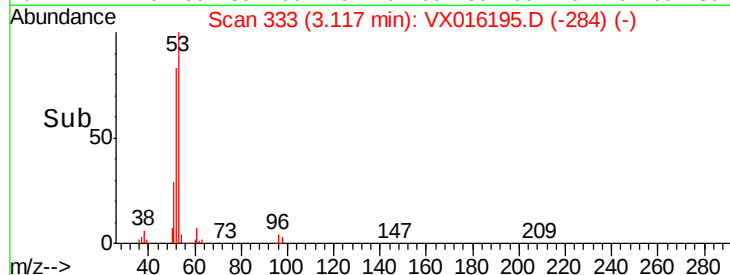


Abundance

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: 219.543 ug/l

RT: 2.42 min Scan# 218

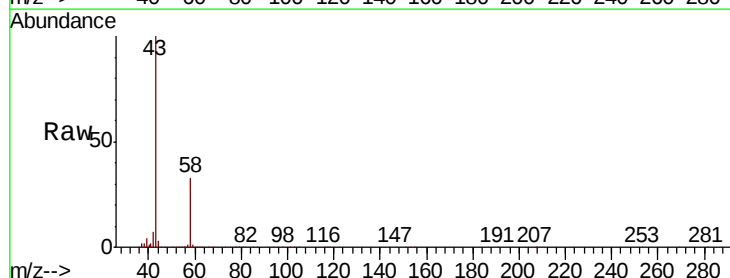
Delta R.T. -0.01 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Tgt Ion: 43 Resp: 357006

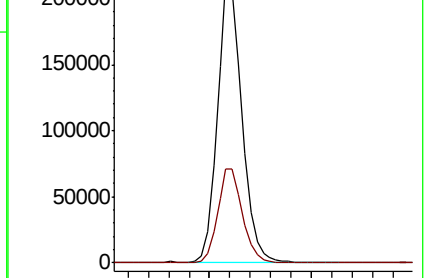
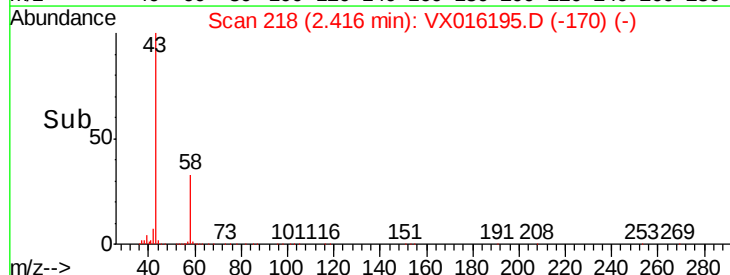
Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.4	38.0

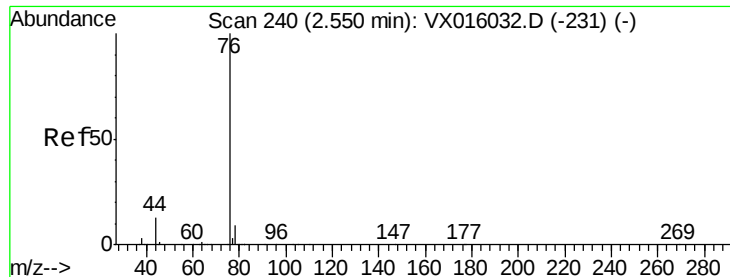


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.477 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

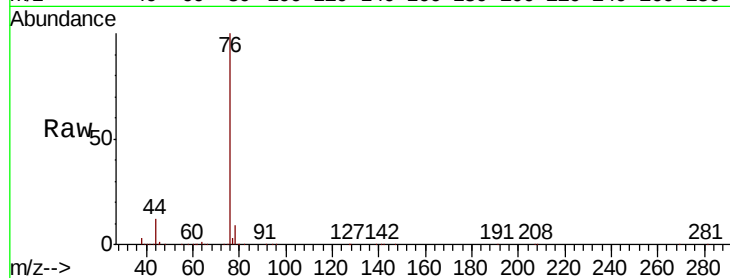
VSTDCCC050

Tot Ion: 76 Resp: 376128

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

250000

200000

150000

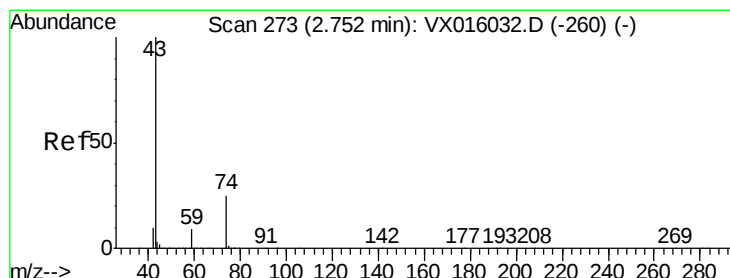
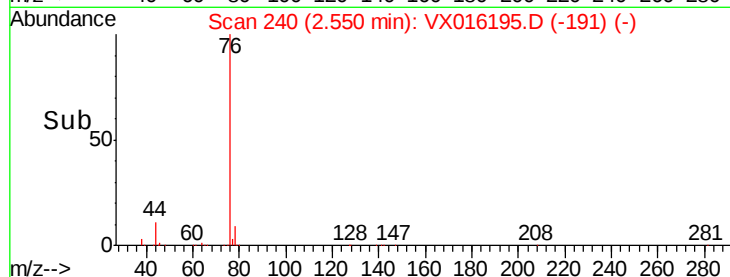
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 48.985 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016195.D

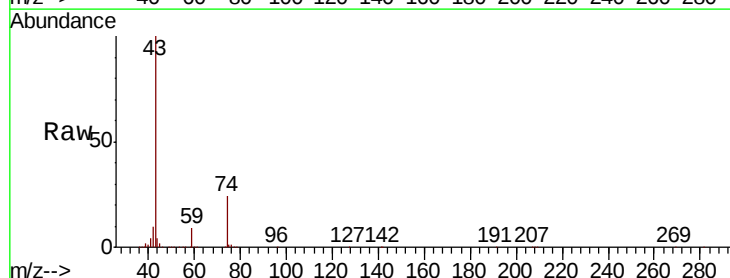
Acq: 13 May 2020 21:30

Tgt Ion: 43 Resp: 195855

Ion Ratio Lower Upper

43 100

74 25.1 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

120000

100000

80000

60000

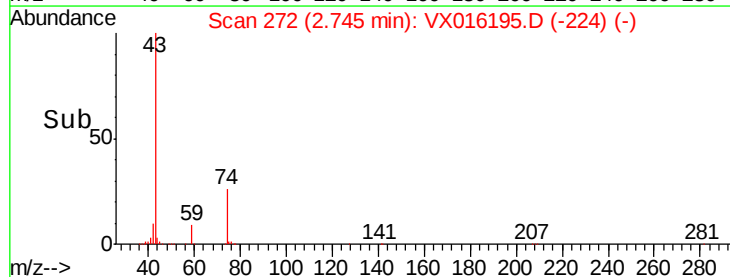
40000

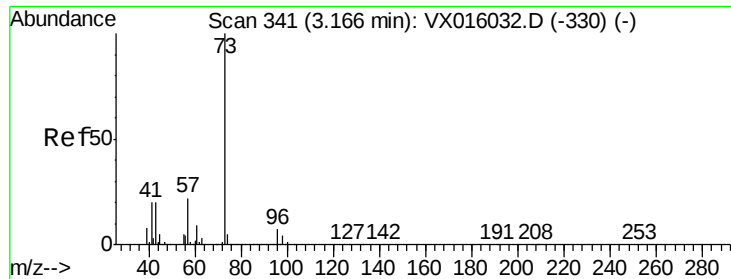
20000

0

Time-->

2.60 2.70 2.80

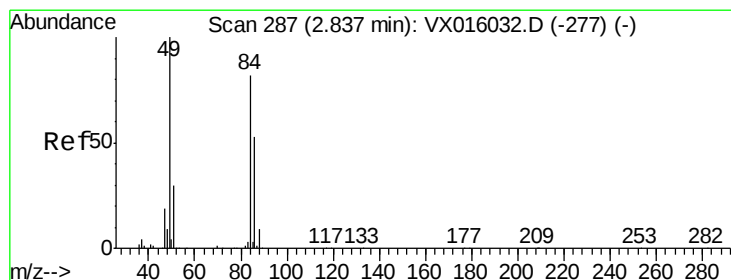
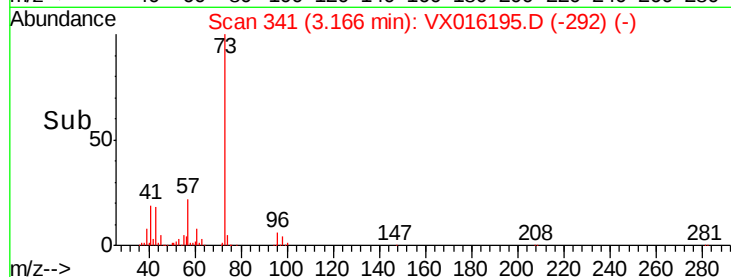
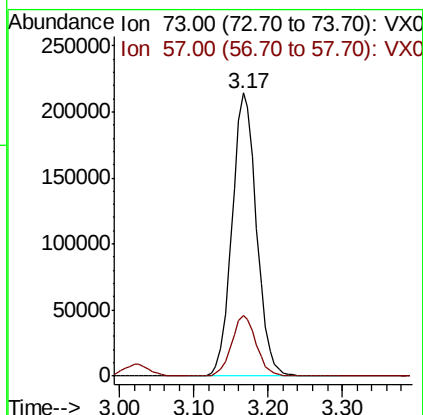
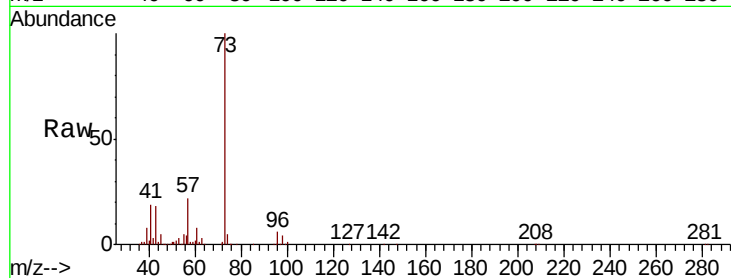




#19
Methyl tert-butyl Ether
Concen: 49.519 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

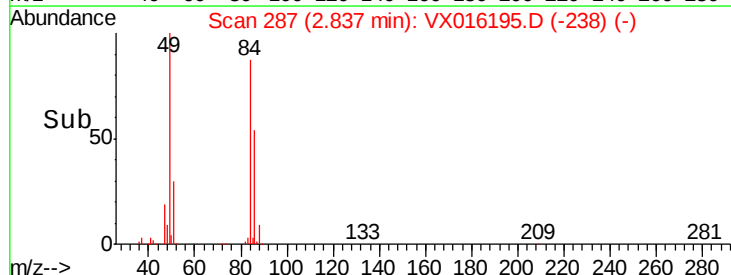
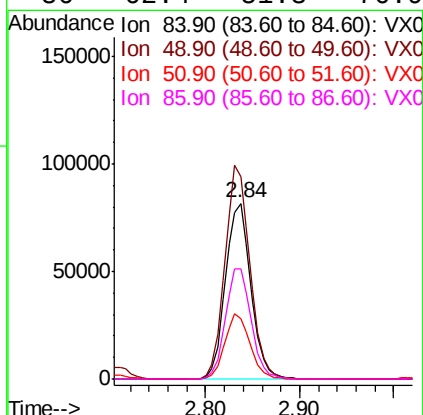
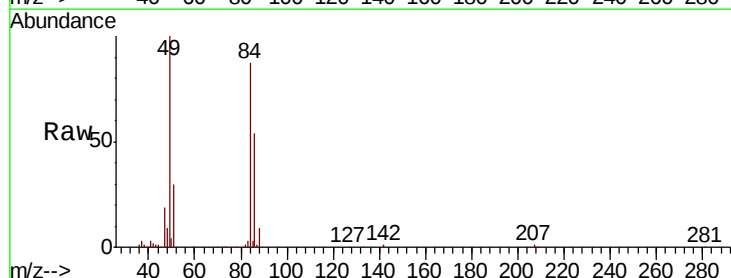
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 491459
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.6



#20
Methylene Chloride
Concen: 45.580 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion: 84 Resp: 152796
Ion Ratio Lower Upper
84 100
49 115.1 97.3 145.9
51 34.2 29.3 43.9
86 62.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 45.374 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

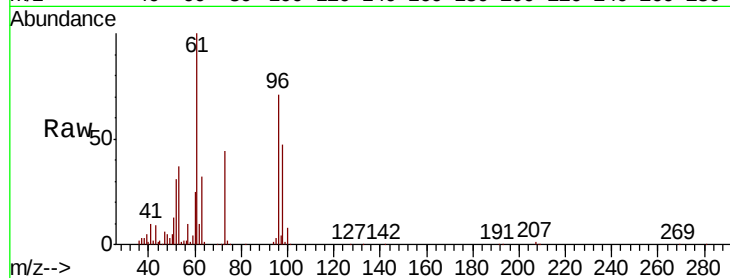
Tot Ion: 96 Resp: 145571

Ion Ratio Lower Upper

96 100

61 141.1 111.2 166.8

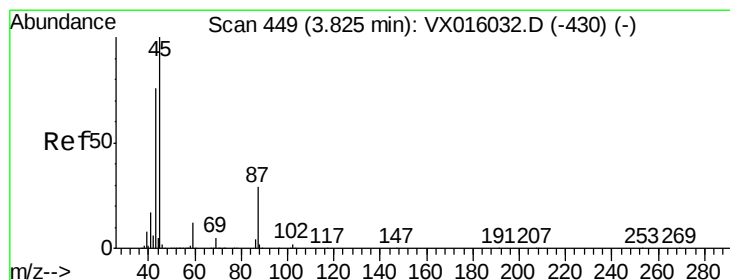
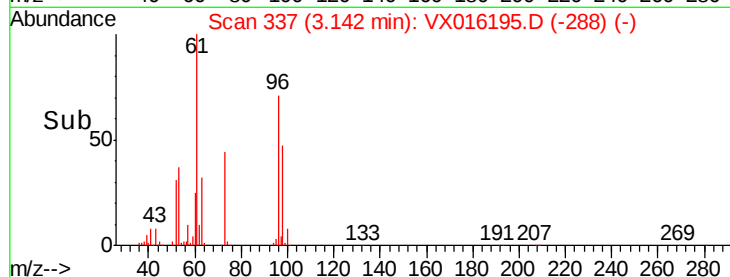
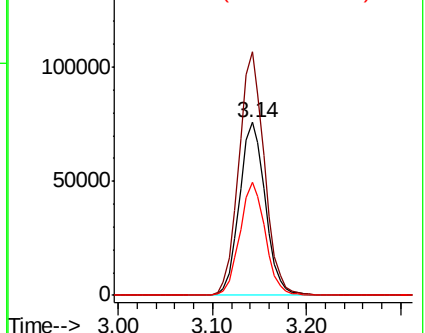
98 65.7 50.2 75.4



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: 47.400 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Tgt Ion: 45 Resp: 472046

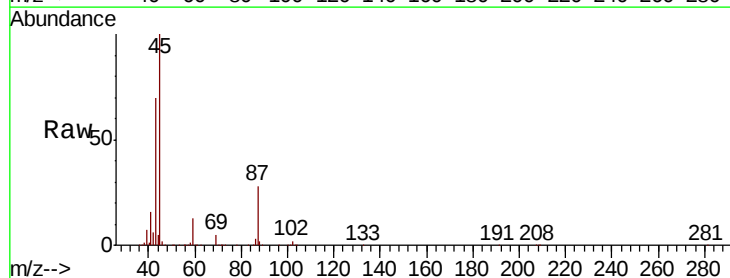
Ion Ratio Lower Upper

45 100

43 69.7 61.1 91.7

87 27.9 23.0 34.6

59 12.6 9.8 14.6

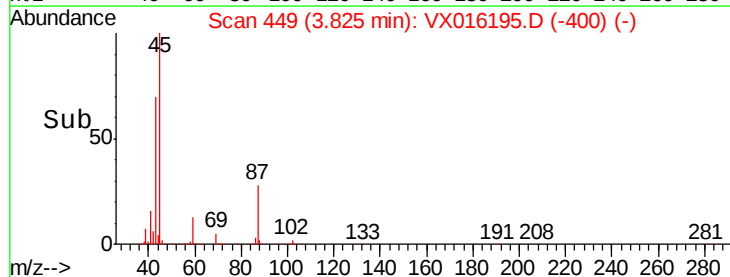
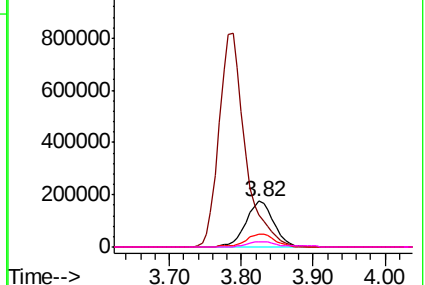


Abundance Ion 45.00 (44.70 to 45.70): VX0

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

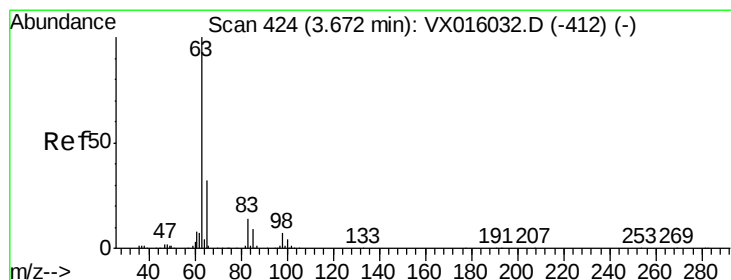
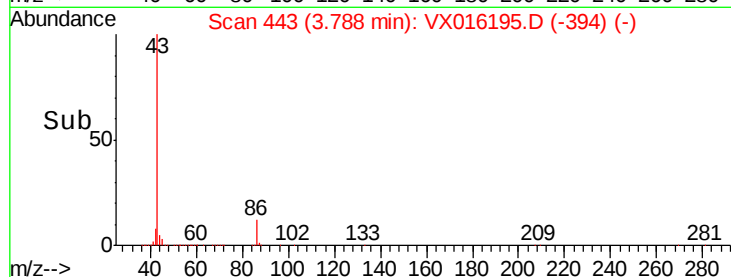
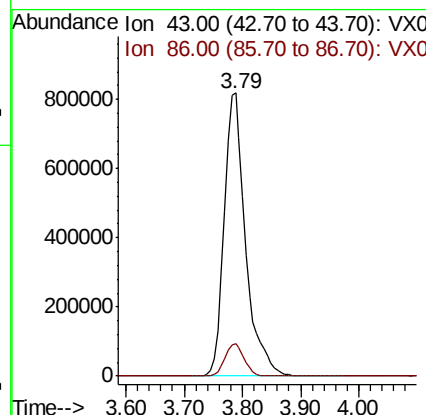
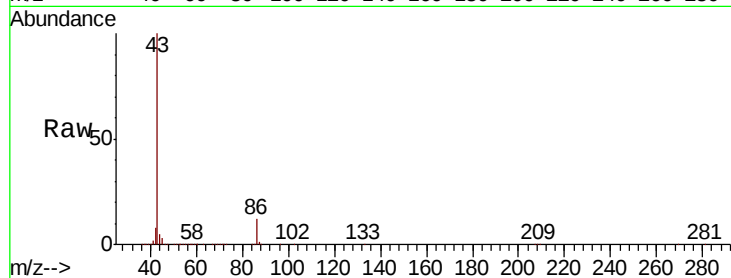




#23
 Vinyl Acetate
 Concen: 237.067 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

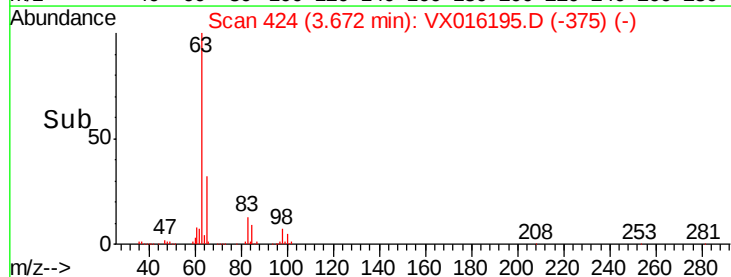
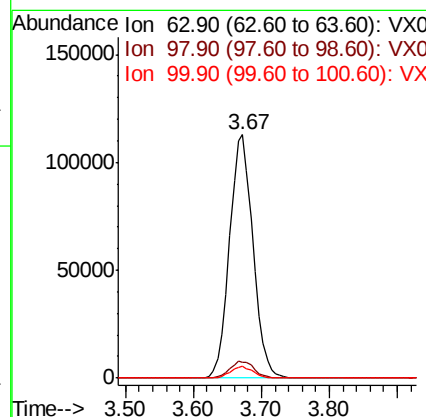
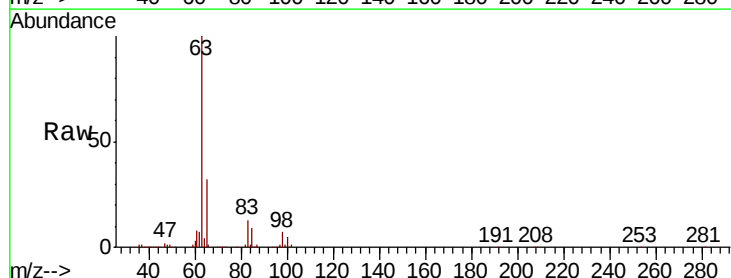
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

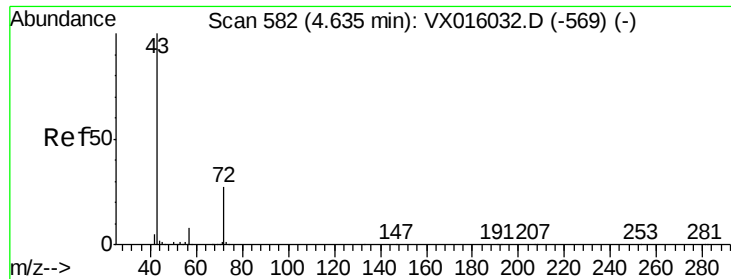
Tot Ion: 43 Resp: 2077071
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 48.348 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Tgt Ion: 63 Resp: 269340
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 4.7 2.1 6.5





#25

2-Butanone

Concen: 236.531 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

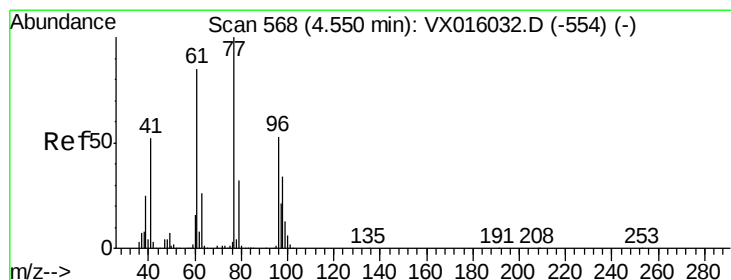
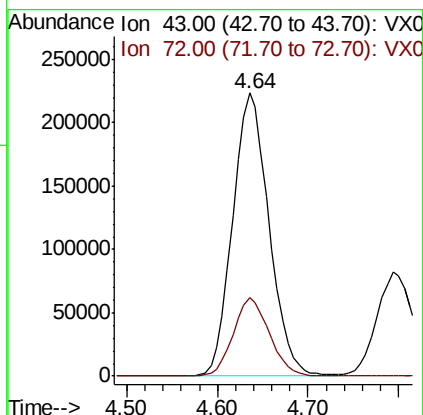
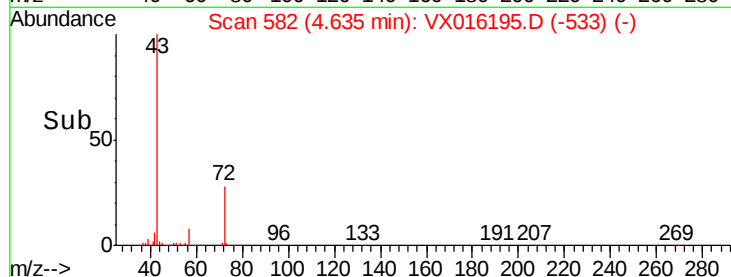
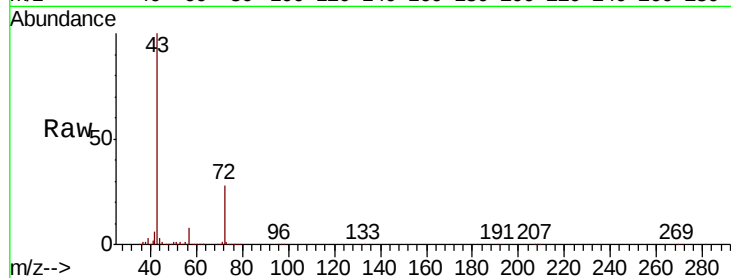
VSTDCCC050

Tot Ion: 43 Resp: 619794

Ion Ratio Lower Upper

43 100

72 27.7 21.8 32.8



#26

2,2-Dichloropropane

Concen: 41.614 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016195.D

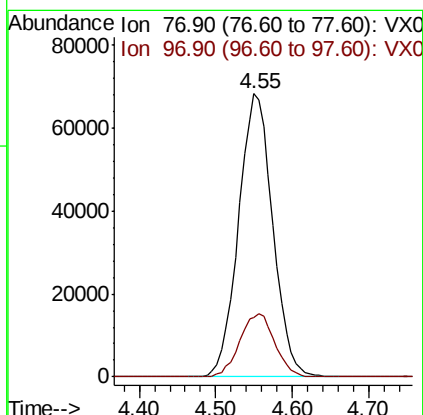
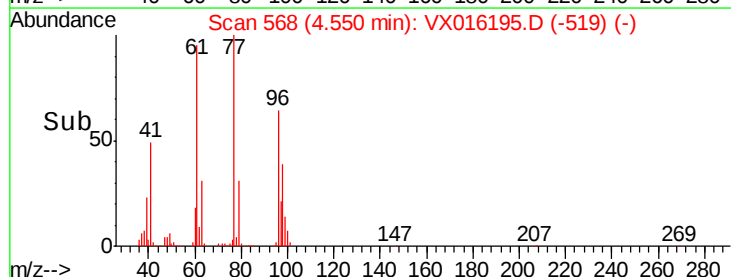
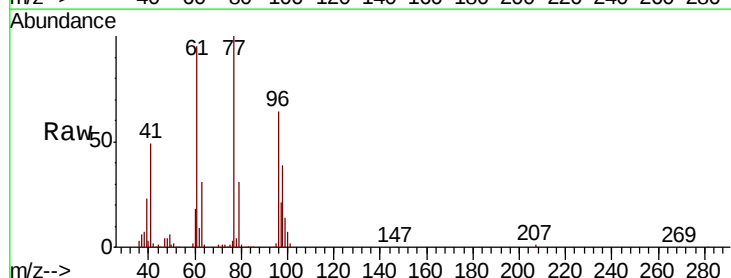
Acq: 13 May 2020 21:30

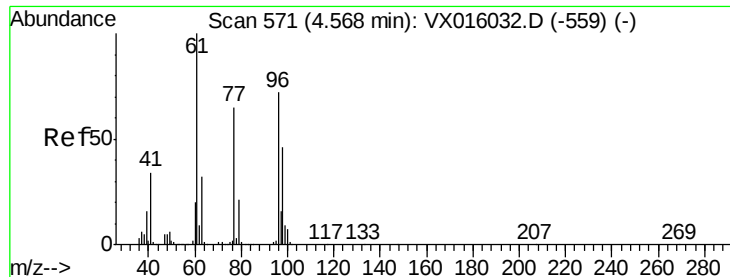
Tgt Ion: 77 Resp: 211714

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6



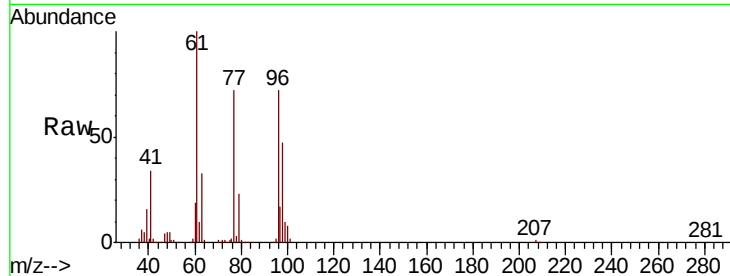


#27

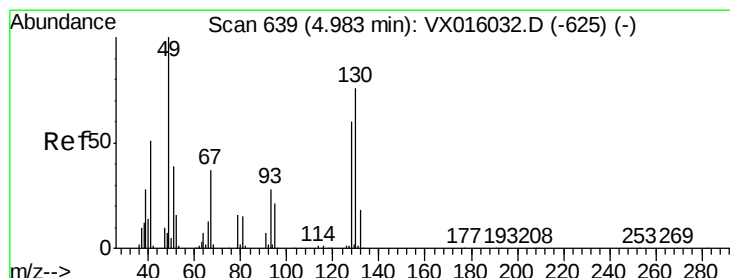
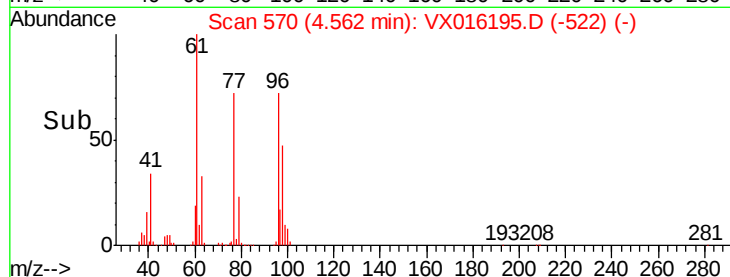
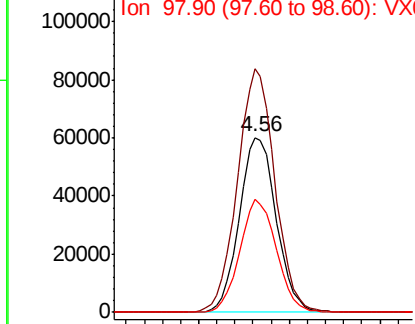
cis-1,2-Dichloroethene
Concen: 48.482 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 170048
Ion Ratio Lower Upper
96 100
61 140.8 0.0 296.2
98 64.0 0.0 129.4



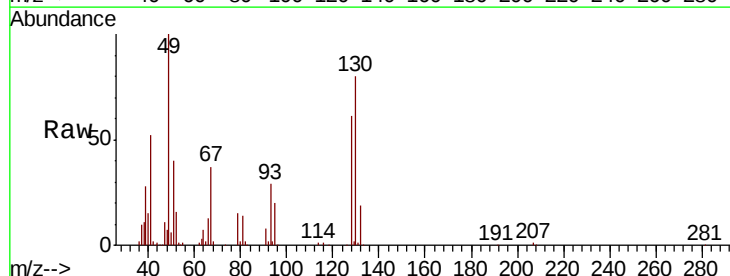
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



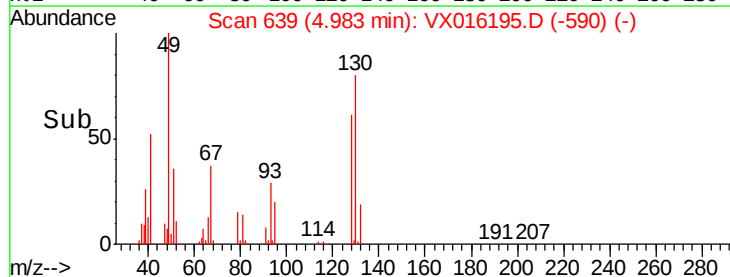
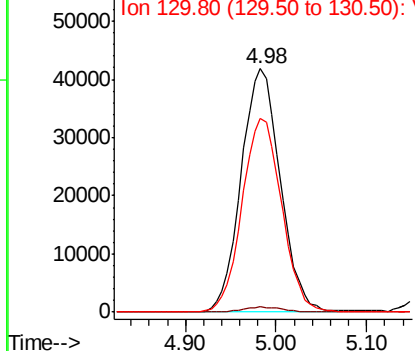
#28

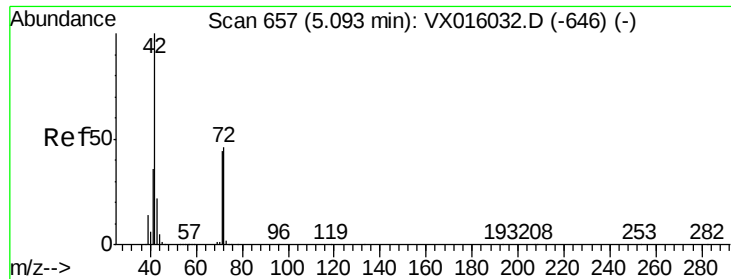
Bromochloromethane
Concen: 49.321 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion: 49 Resp: 125288
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 80.5 62.4 93.6



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





#29

Tetrahydrofuran

Concen: 233.265 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

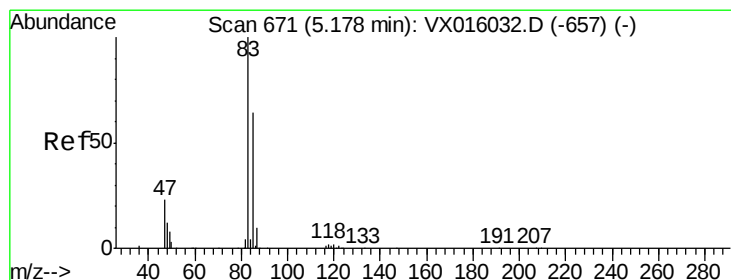
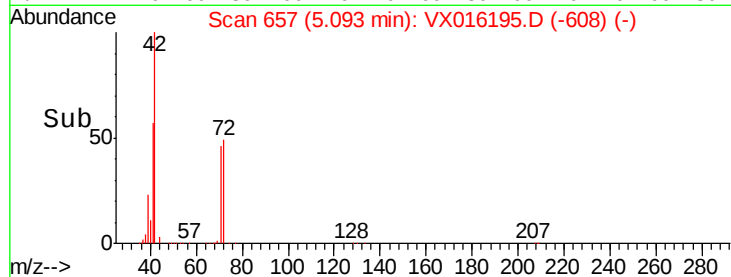
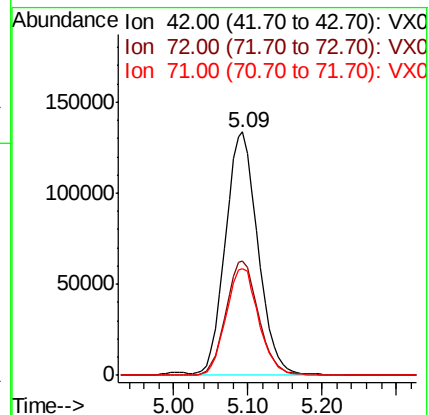
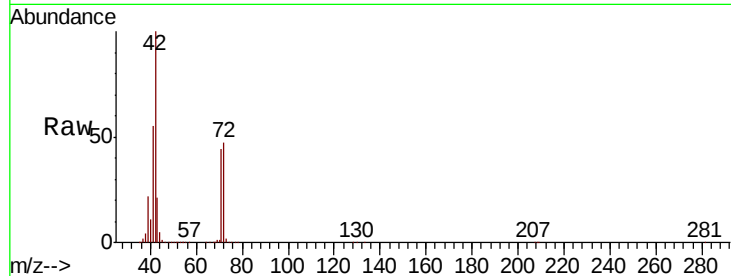
Tot Ion: 42 Resp: 405007

Ion Ratio Lower Upper

42 100

72 47.6 37.1 55.7

71 44.3 34.5 51.7



#30

Chloroform

Concen: 48.451 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016195.D

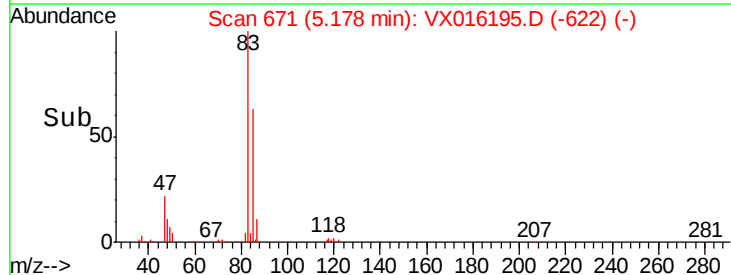
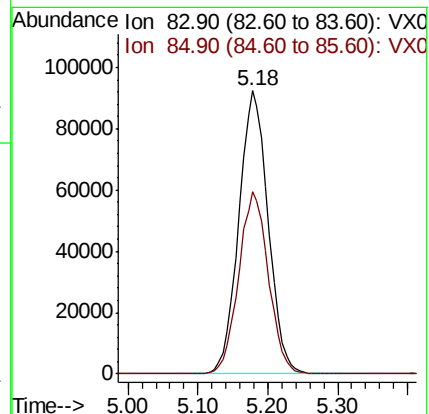
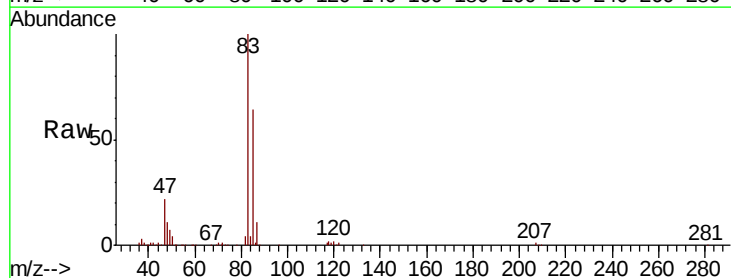
Acq: 13 May 2020 21:30

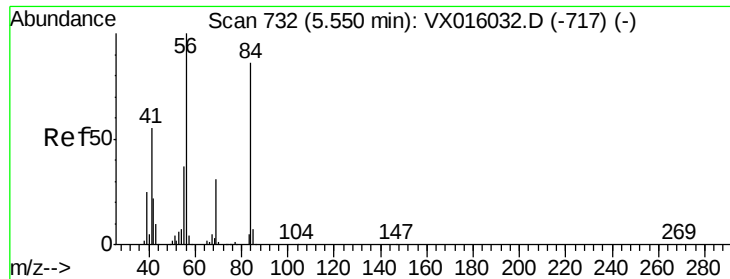
Tgt Ion: 83 Resp: 268744

Ion Ratio Lower Upper

83 100

85 64.4 51.6 77.4





#31

Cyclohexane

Concen: 46.015 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

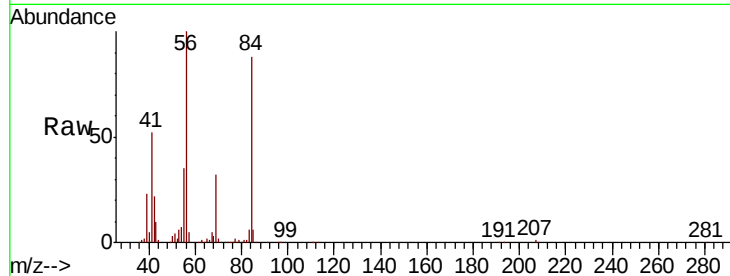
Tot Ion: 56 Resp: 232970

Ion Ratio Lower Upper

56 100

69 32.5 25.0 37.6

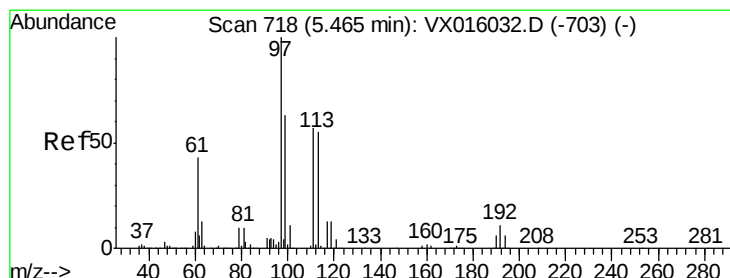
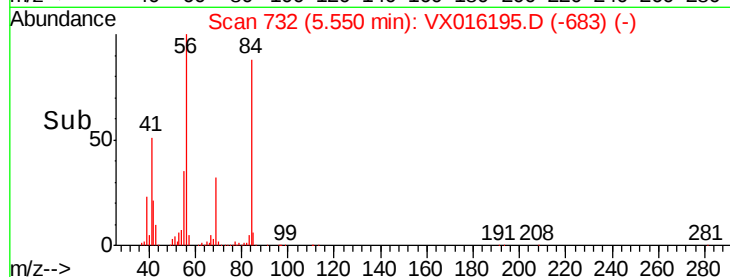
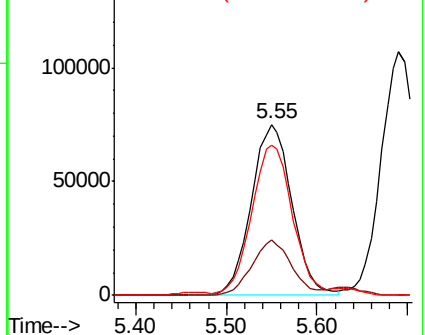
84 86.9 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.120 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

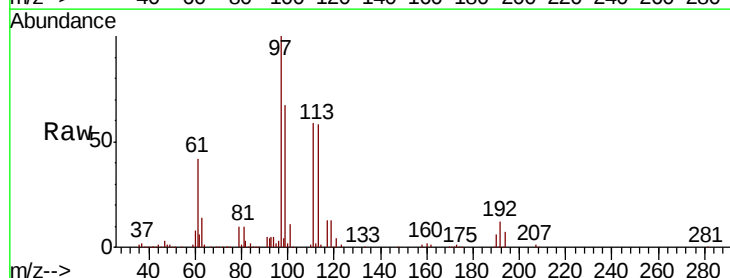
Tgt Ion: 97 Resp: 242617

Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

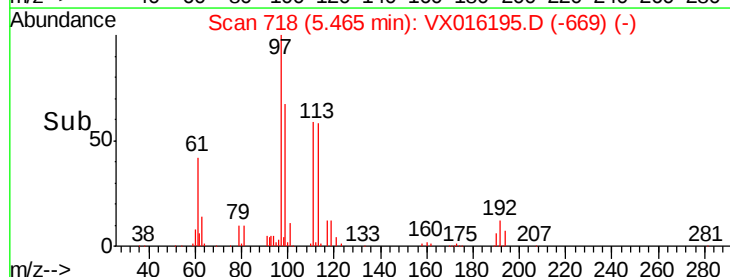
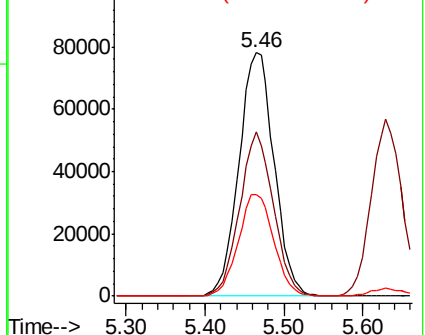
61 42.3 34.5 51.7



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.461 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

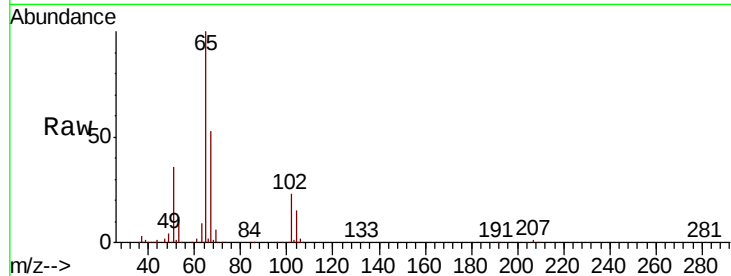
VSTDCCC050

Tot Ion: 65 Resp: 165681

Ion Ratio Lower Upper

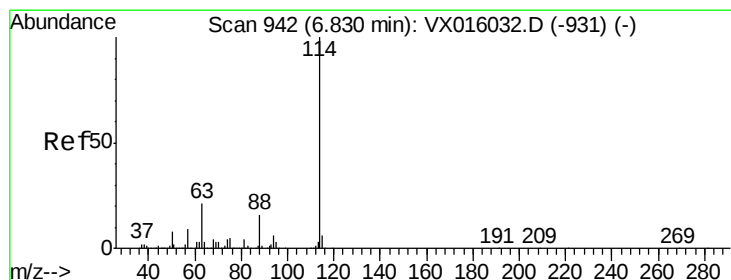
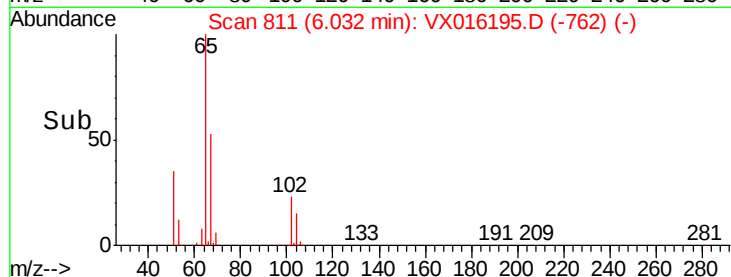
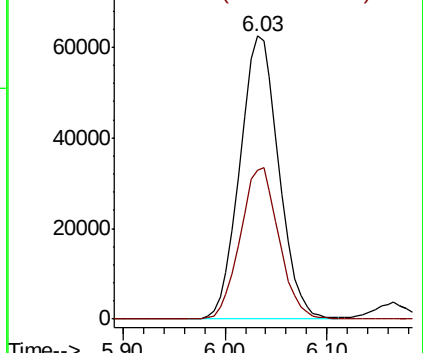
65 100

67 53.2 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

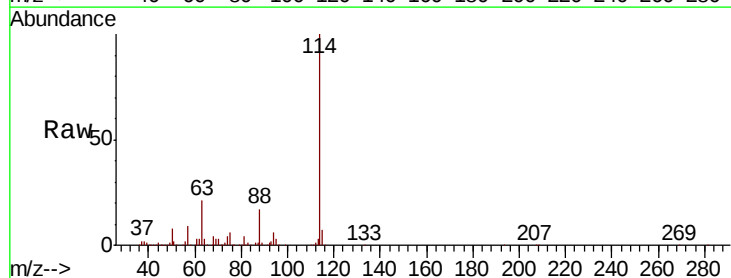
Tgt Ion: 114 Resp: 446482

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

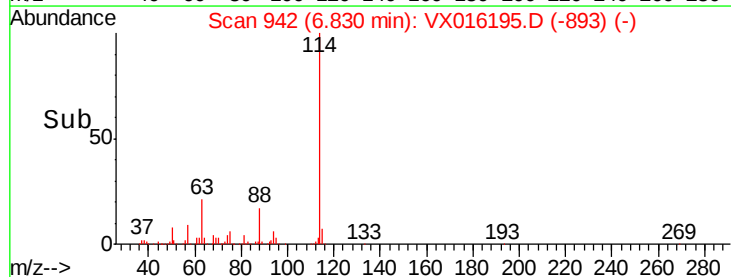
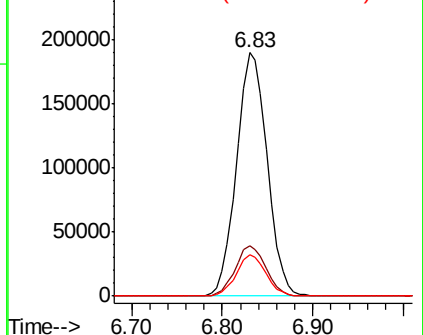
88 16.9 0.0 31.4

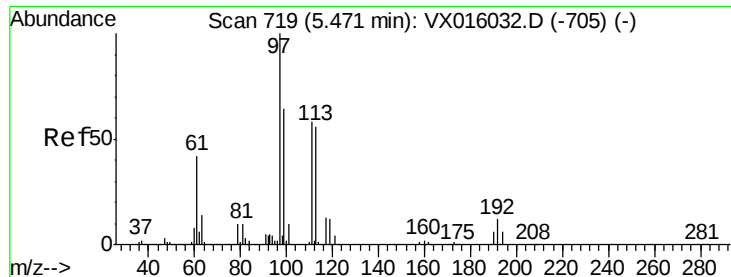


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

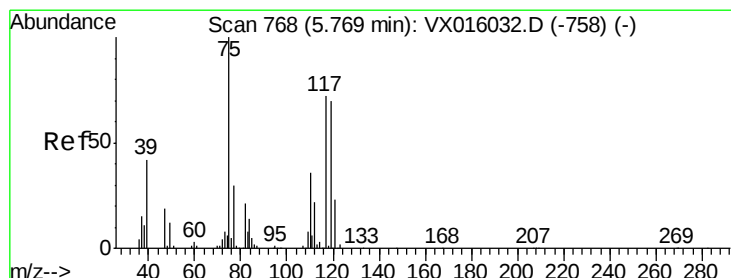
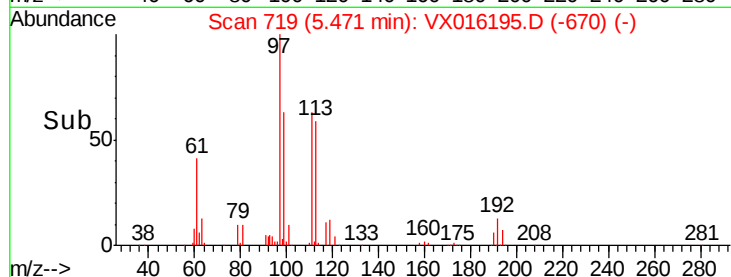
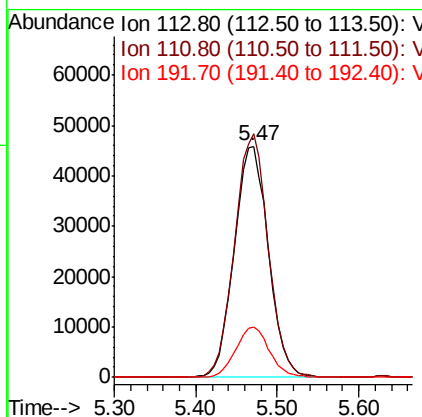
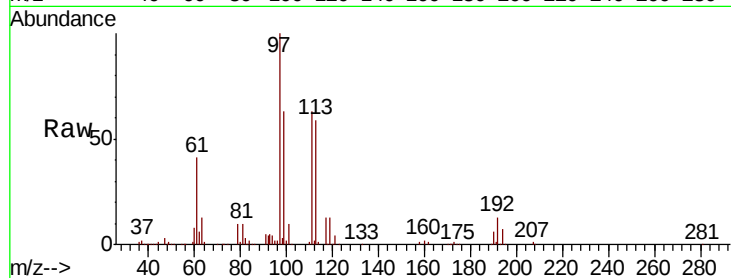




#35
 Dibromofluoromethane
 Concen: 47.112 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

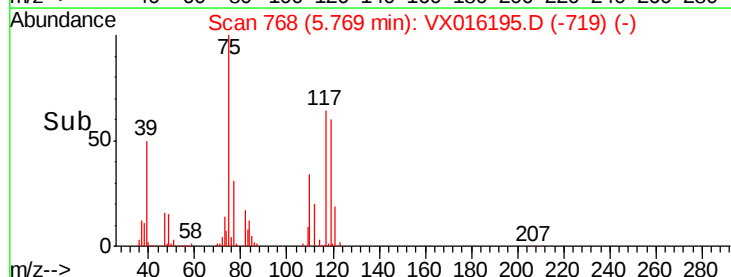
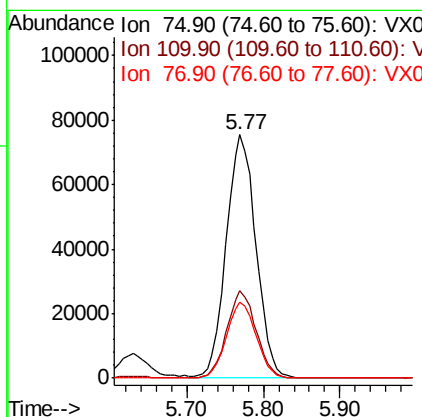
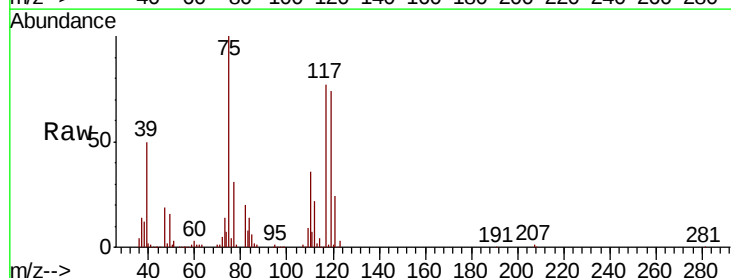
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

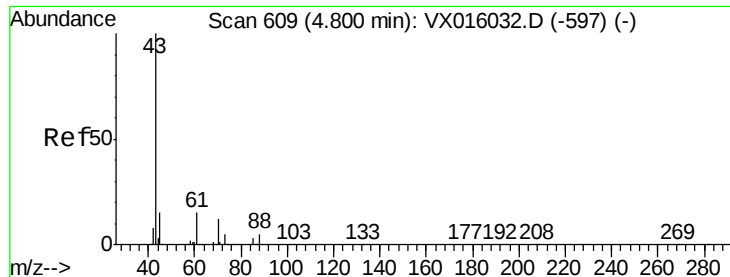
Tot Ion:113 Resp: 133263
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.6 122.4
 192 21.4 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 45.937 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Tgt Ion: 75 Resp: 201894
 Ion Ratio Lower Upper
 75 100
 110 35.4 18.1 54.1
 77 31.2 25.0 37.6

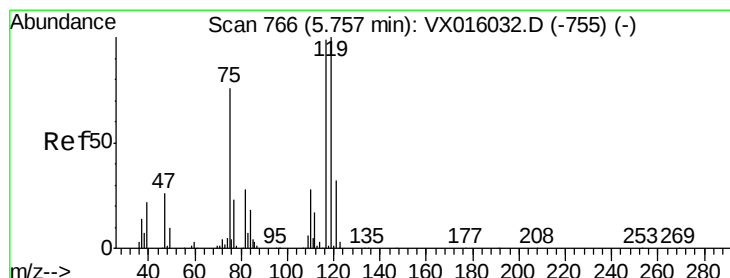
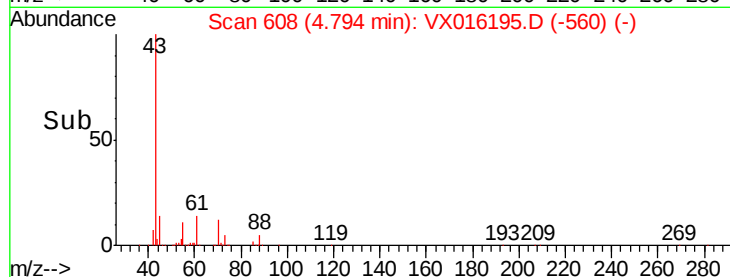
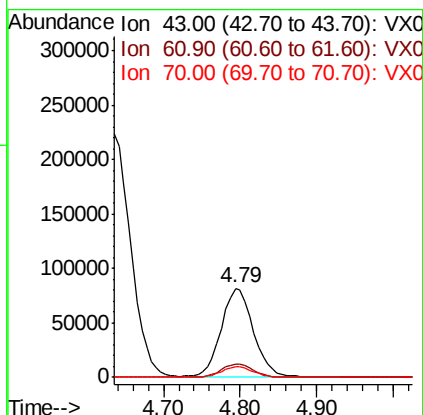
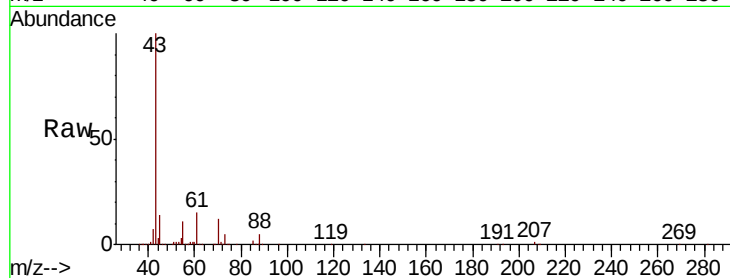




#37
Ethyl Acetate
Concen: 46.402 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

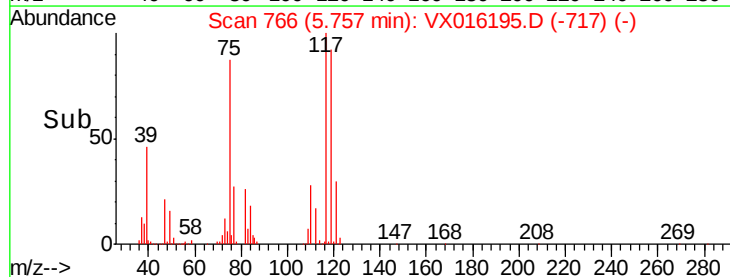
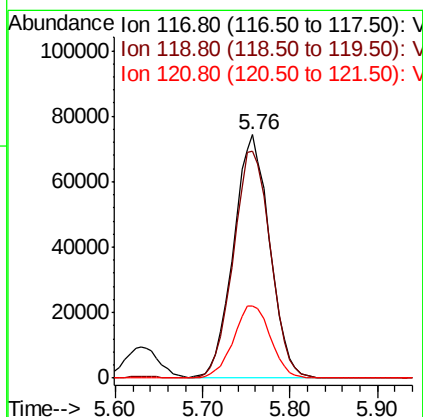
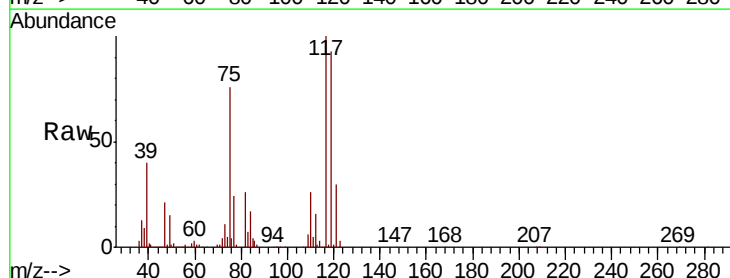
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

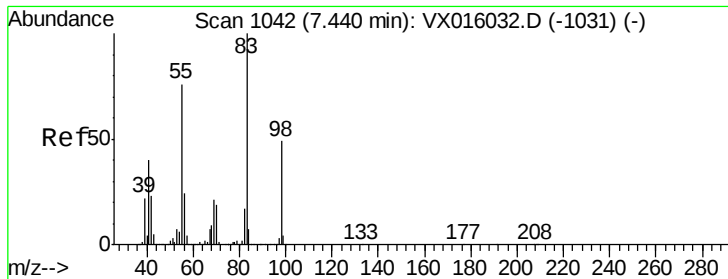
Tot Ion	43	Resp	236368
Ion Ratio	Lower	Upper	
43	100		
61	14.9	11.7	17.5
70	12.0	9.3	13.9



#38
Carbon Tetrachloride
Concen: 47.689 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	117	Resp	213037
Ion Ratio	Lower	Upper	
117	100		
119	93.5	80.3	120.5
121	29.9	25.7	38.5

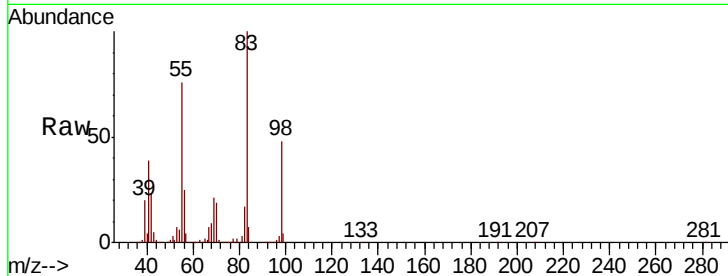




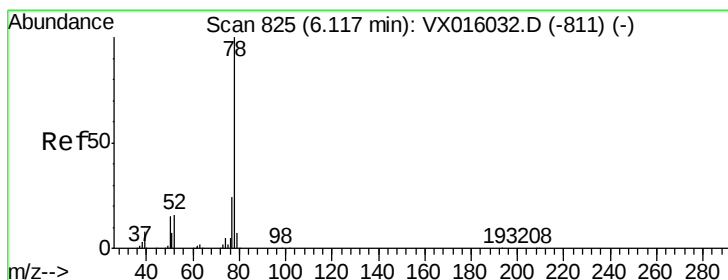
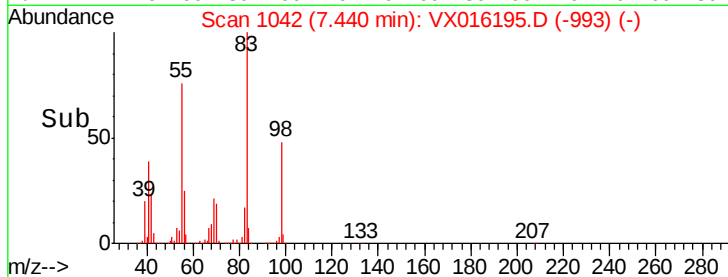
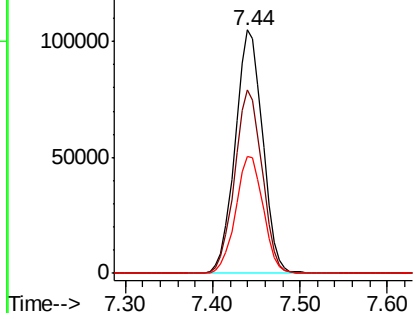
#39
Methvlcvclohexane
Concen: 43.372 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	229557
Ion Ratio	Lower	Upper	
83	100		
55	75.5	61.1	91.7
98	48.3	39.0	58.4

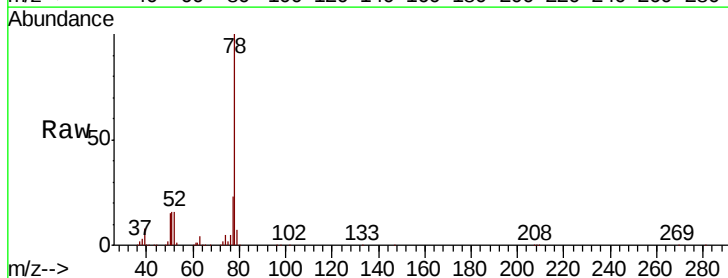


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

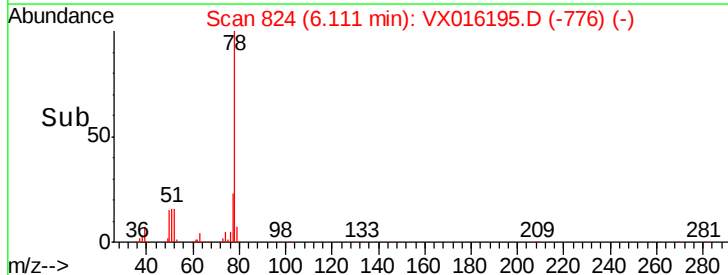
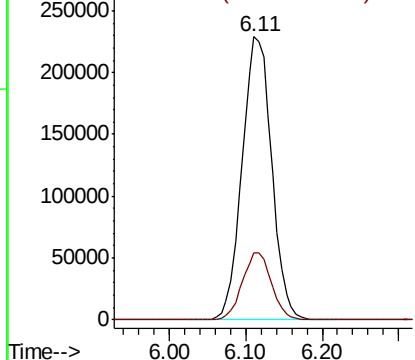


#40
Benzene
Concen: 47.847 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	78	Resp	615286
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.0	28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

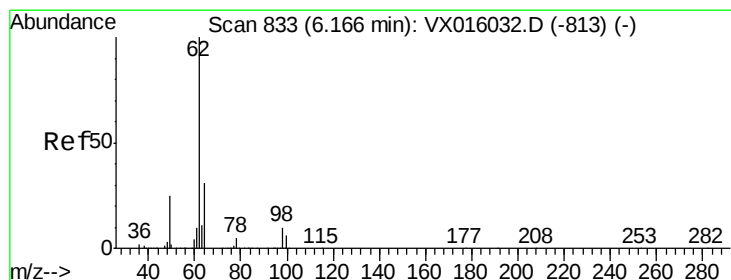
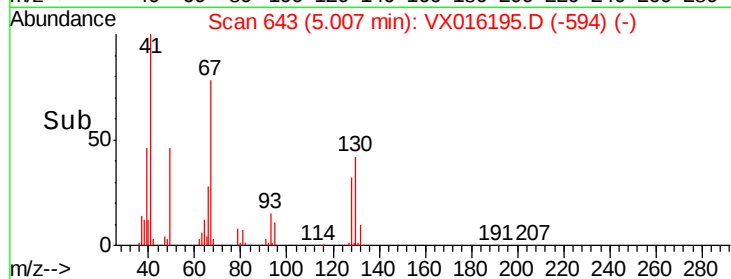
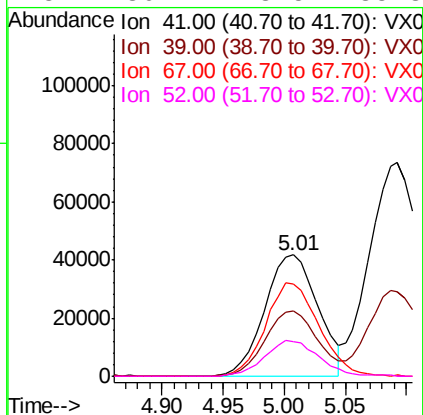
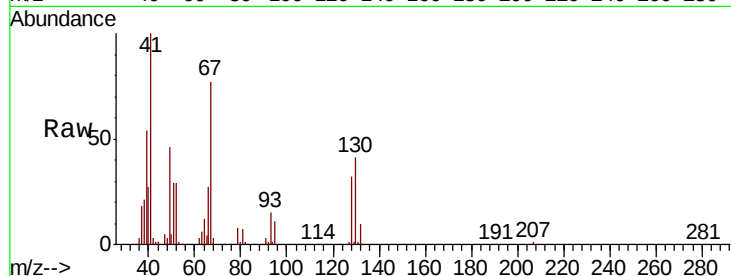




#41
Methacrylonitrile
Concen: 46.115 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

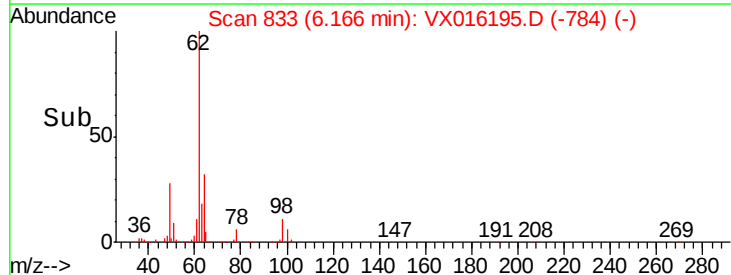
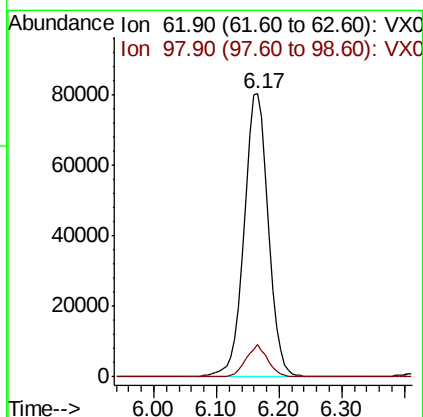
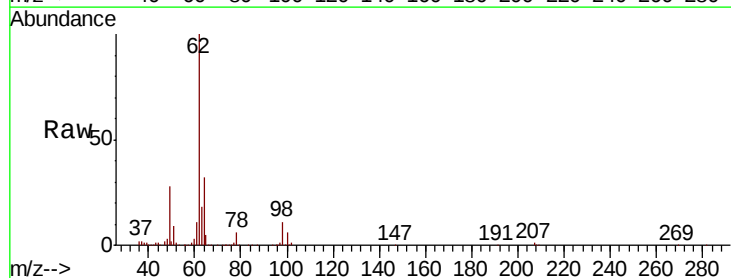
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

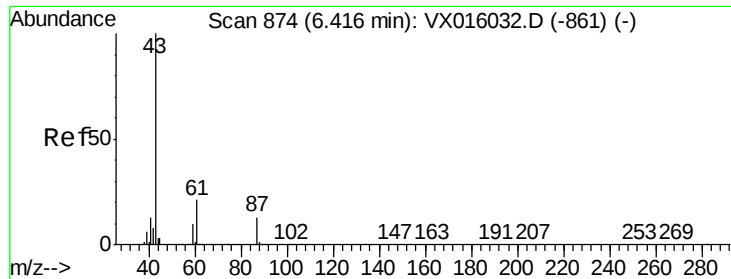
Tot Ion:	41	Resp:	126862
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.2	64.8
67	77.1	59.3	88.9
52	30.7	23.5	35.3



#42
1,2-Dichloroethane
Concen: 46.423 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion:	62	Resp:	215051
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4



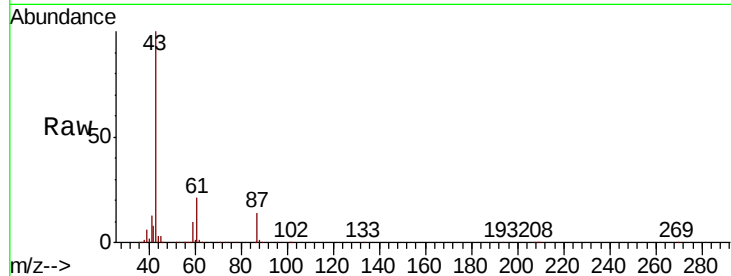


#43

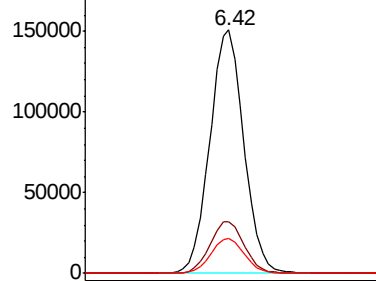
Isopropyl Acetate
 Concen: 46.568 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

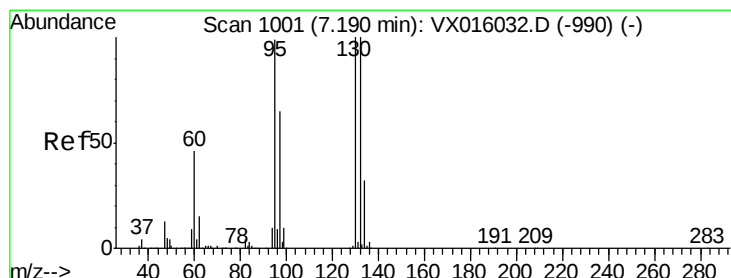
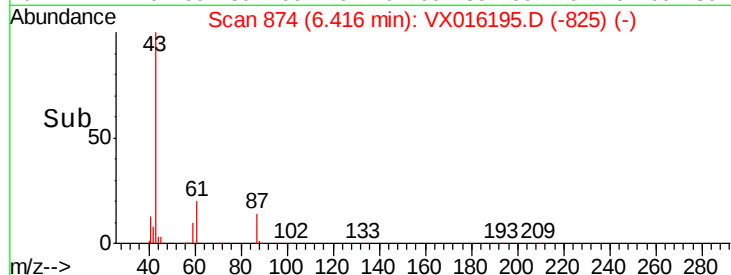
Tot Ion	43	Resp	378481
Ion Ratio	Lower	Upper	
43	100		
61	21.6	17.0	25.4
87	14.3	11.0	16.6



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



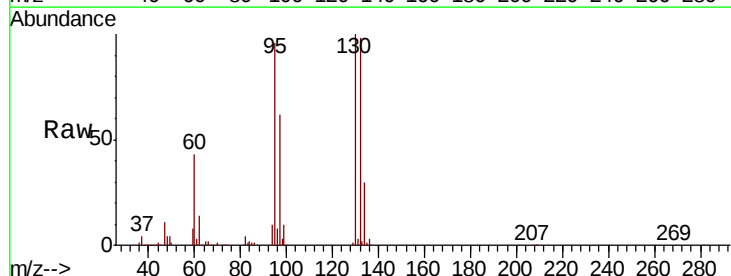
Time-->



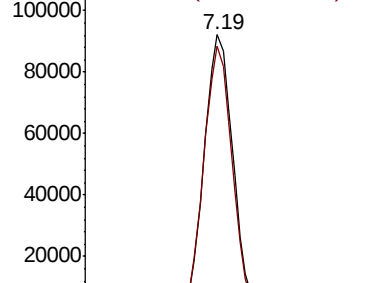
#44

Trichloroethene
 Concen: 44.522 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

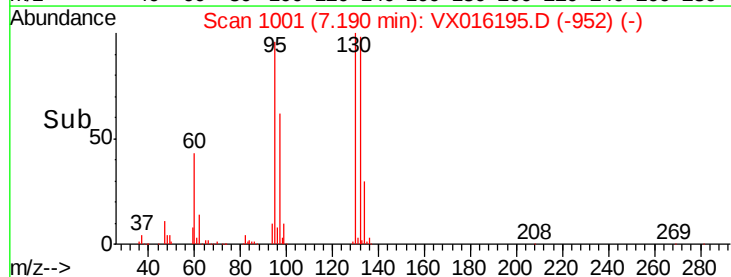
Tgt Ion	130	Resp	203401
Ion Ratio	Lower	Upper	
130	100		
95	95.8	0.0	197.4



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



Time-->





#45

1,2-Dichloropropane

Concen: 49.194 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

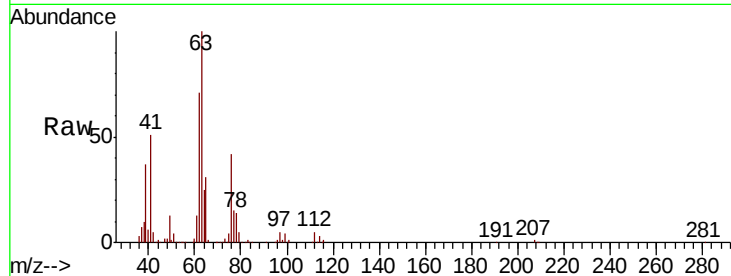
VSTDCCC050

Tot Ion: 63 Resp: 160071

Ion Ratio Lower Upper

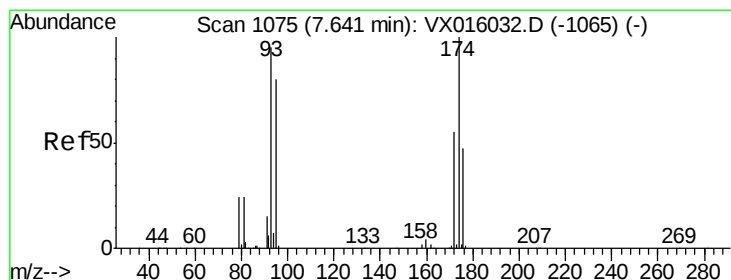
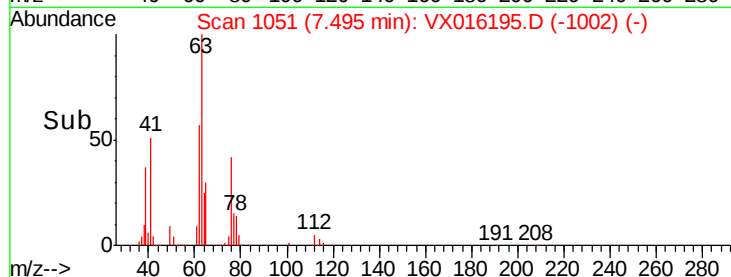
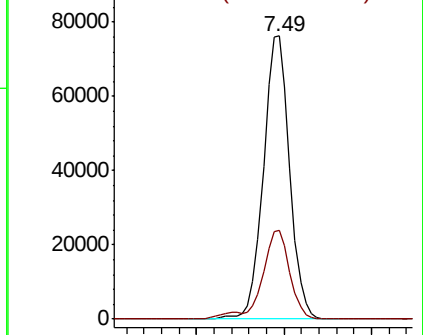
63 100

65 31.4 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.055 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

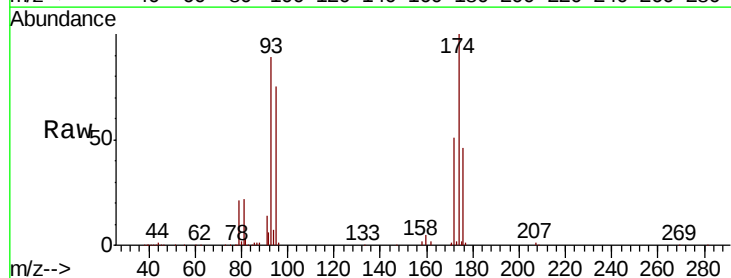
Tgt Ion: 93 Resp: 104051

Ion Ratio Lower Upper

93 100

95 84.3 66.6 100.0

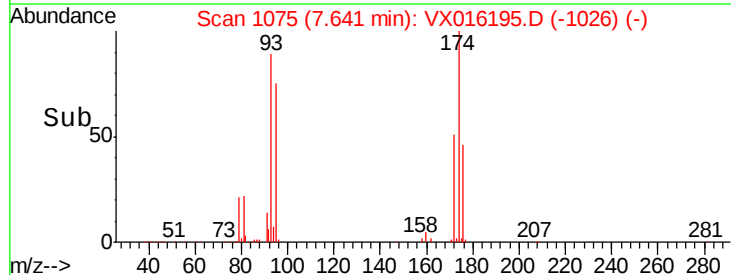
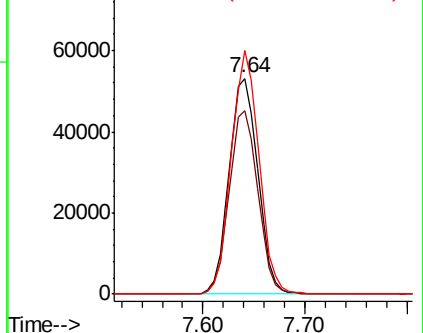
174 108.3 84.2 126.4

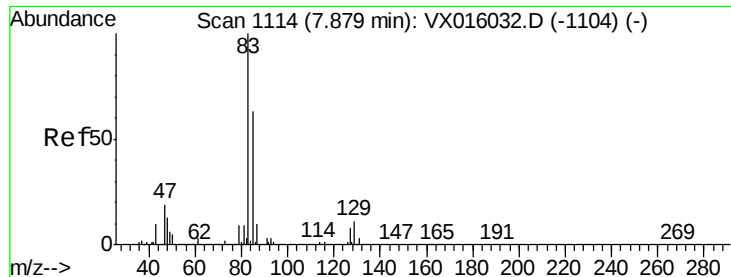


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.755 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

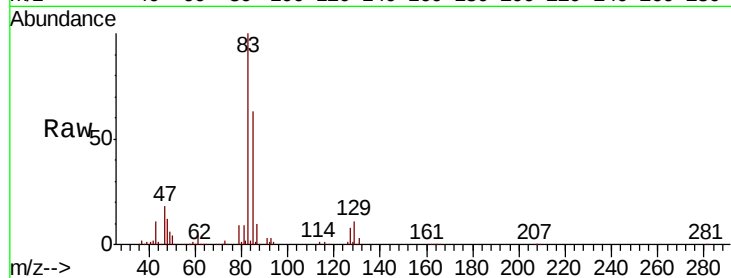
Tot Ion: 83 Resp: 219571

Ion Ratio Lower Upper

83 100

85 63.3 50.5 75.7

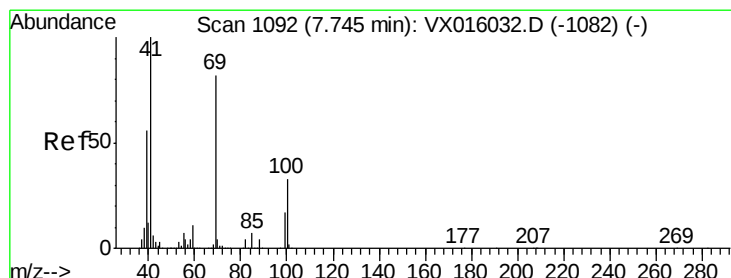
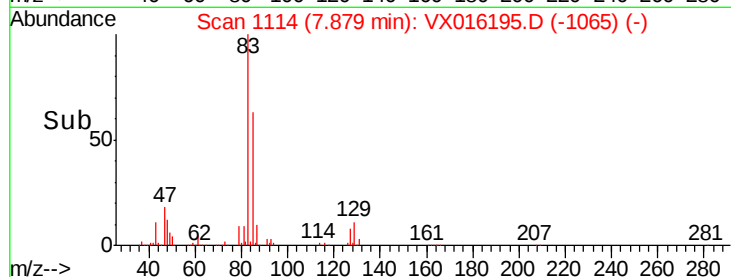
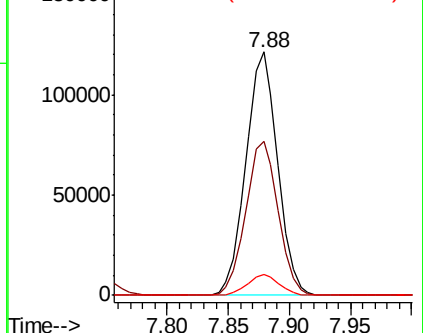
127 8.5 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.638 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

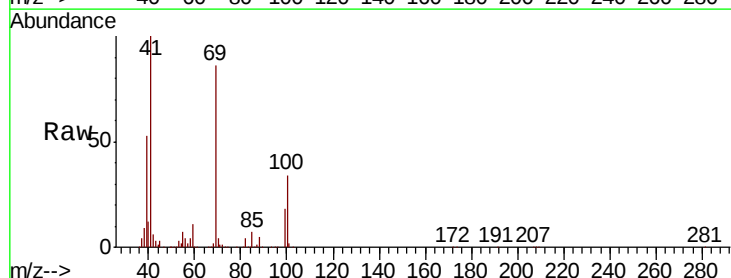
Tgt Ion: 41 Resp: 179612

Ion Ratio Lower Upper

41 100

69 87.9 67.8 101.6

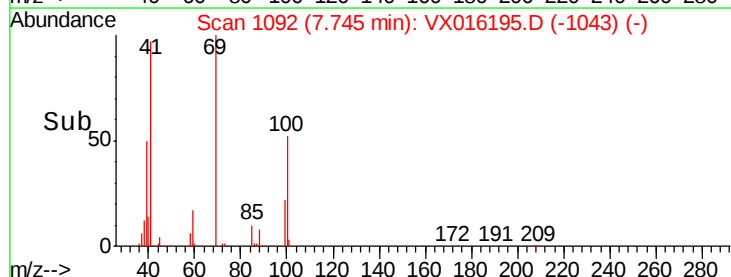
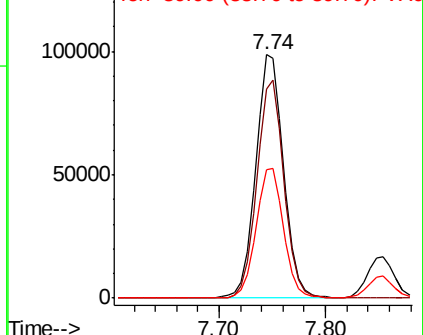
39 52.9 44.6 67.0

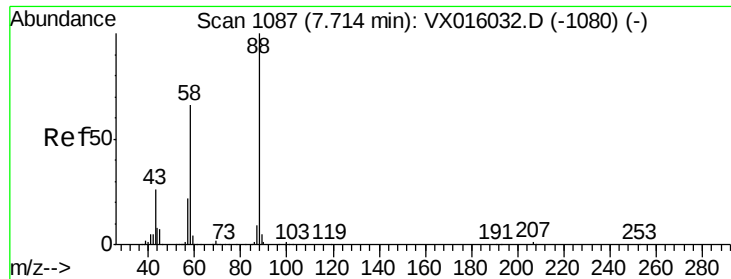


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 914.440 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

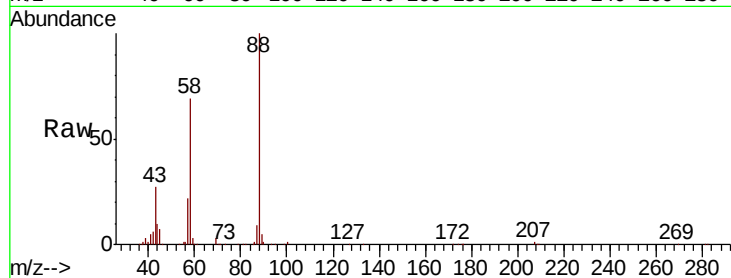
Tot Ion: 88 Resp: 84462

Ion Ratio Lower Upper

88 100

43 30.5 25.3 37.9

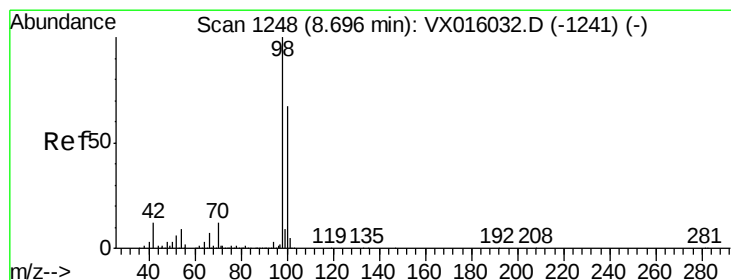
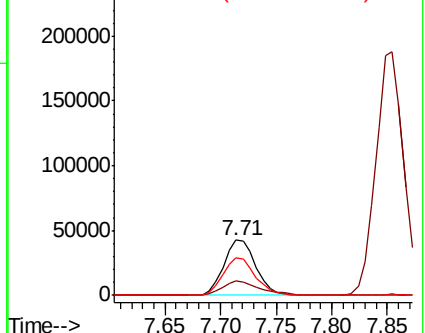
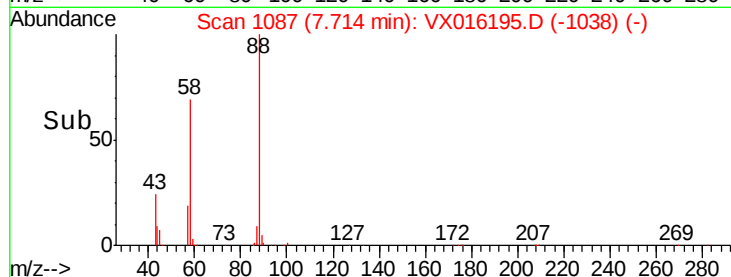
58 69.5 55.9 83.9



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: 47.682 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016195.D

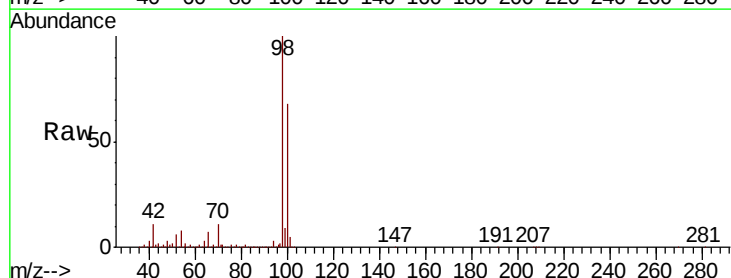
Acq: 13 May 2020 21:30

Tgt Ion: 98 Resp: 519686

Ion Ratio Lower Upper

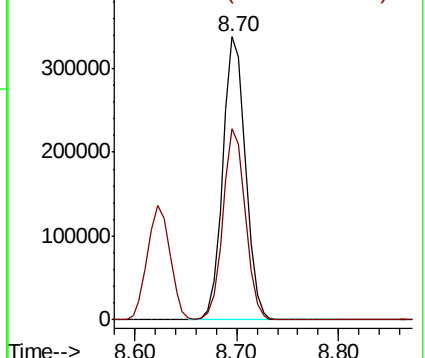
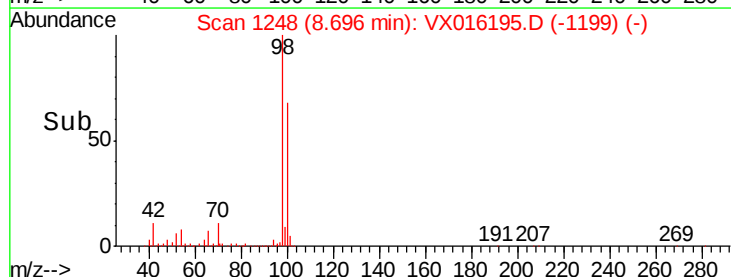
98 100

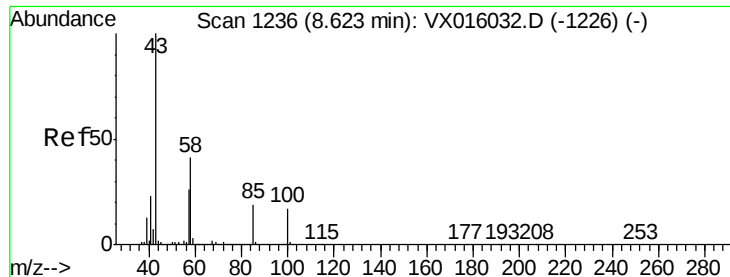
100 66.7 53.7 80.5



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: 240.481 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

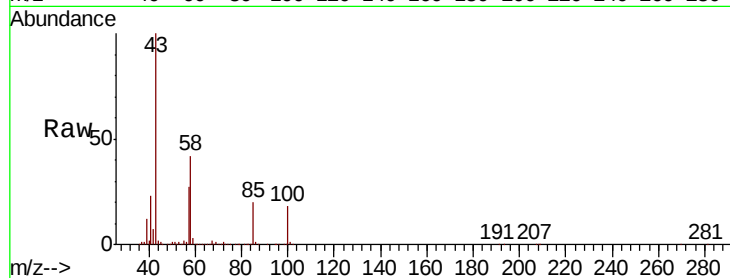
VSTDCCC050

Tot Ion: 43 Resp: 1196048

Ion Ratio Lower Upper

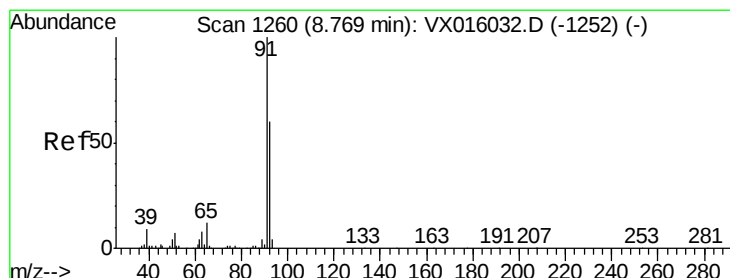
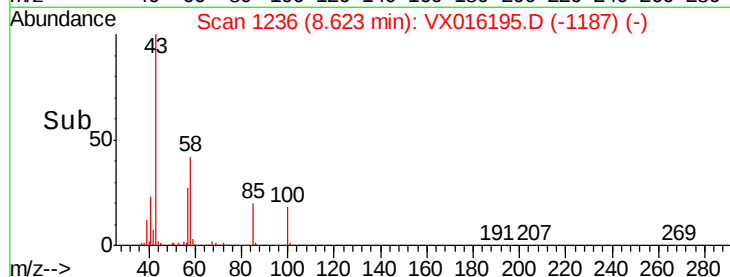
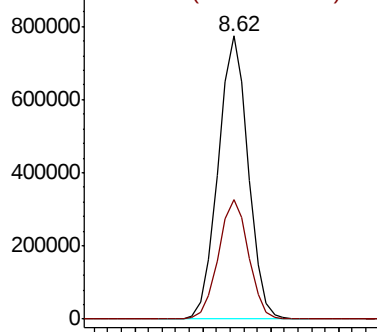
43 100

58 42.3 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.512 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016195.D

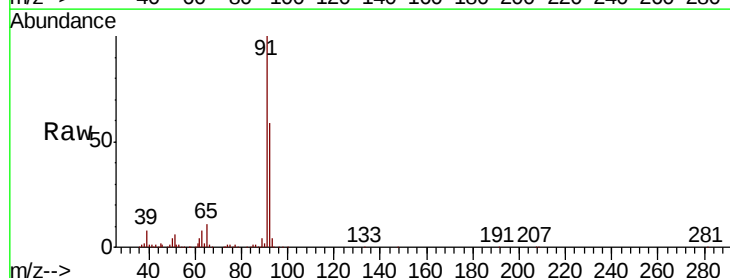
Acq: 13 May 2020 21:30

Tgt Ion: 92 Resp: 388850

Ion Ratio Lower Upper

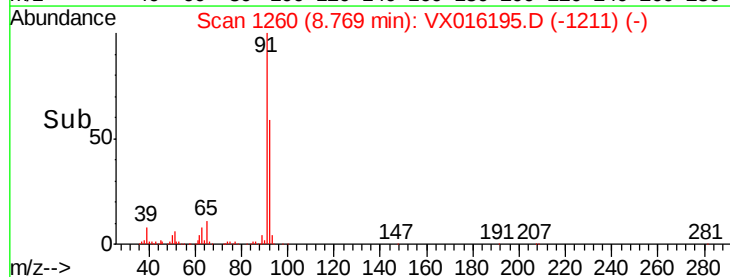
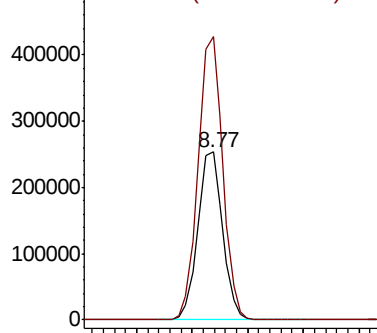
92 100

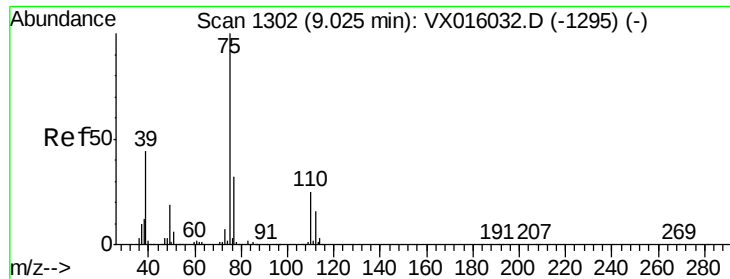
91 168.1 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 46.997 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

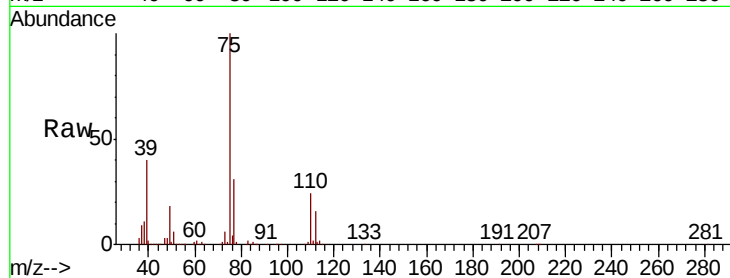
VSTDCCC050

Tot Ion: 75 Resp: 252358

Ion Ratio Lower Upper

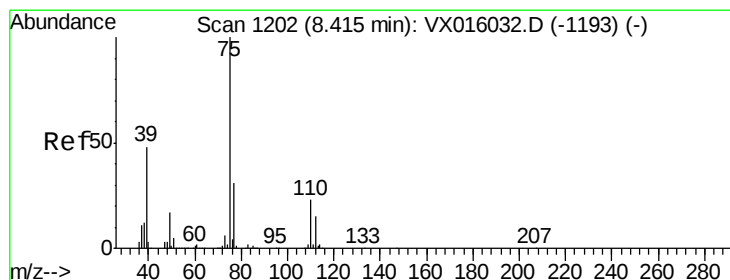
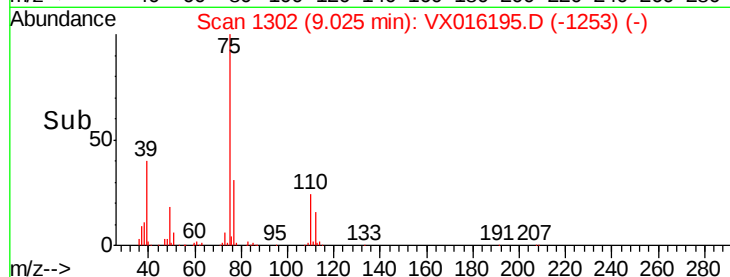
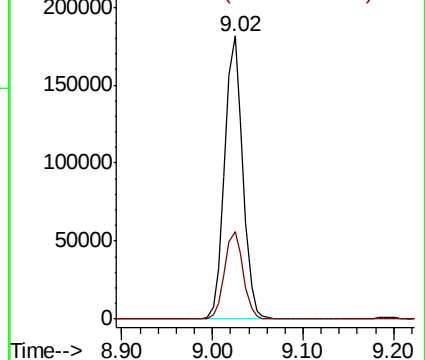
75 100

77 30.9 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 47.584 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

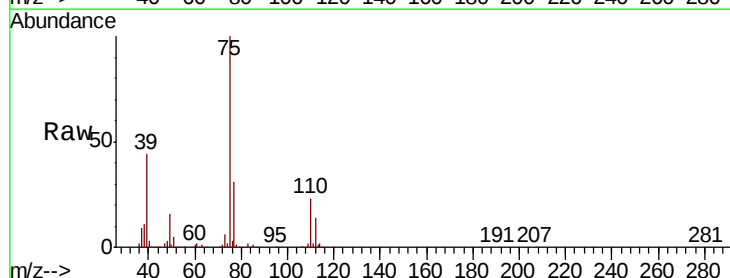
Tgt Ion: 75 Resp: 266883

Ion Ratio Lower Upper

75 100

77 30.7 24.7 37.1

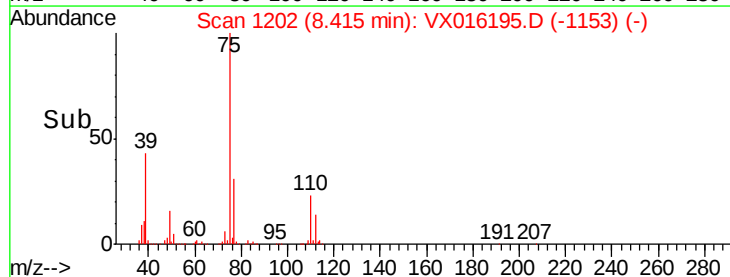
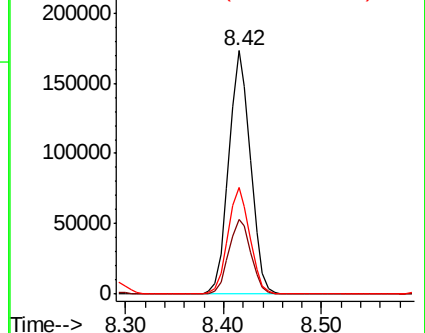
39 43.5 38.7 58.1

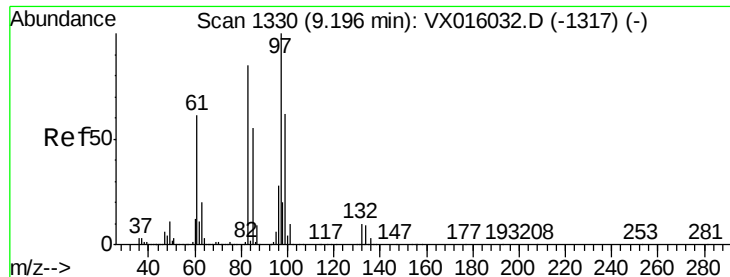


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

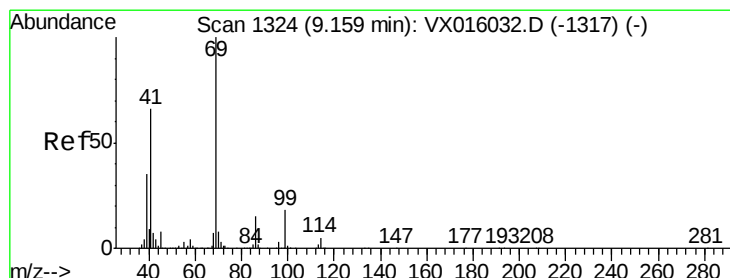
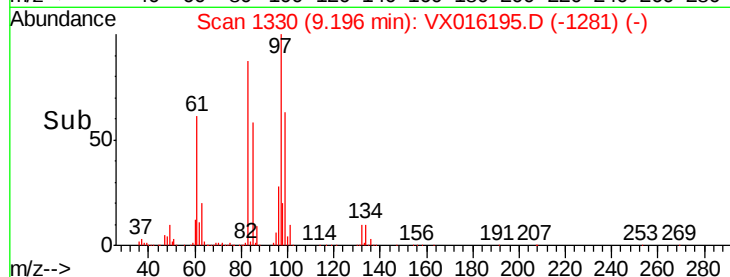
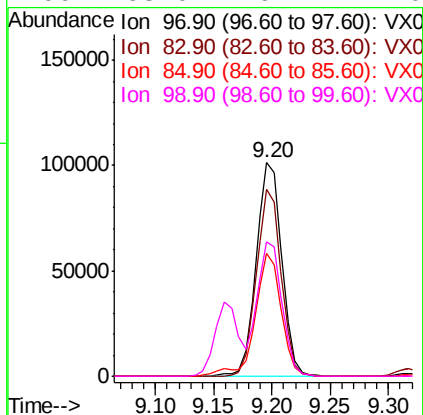
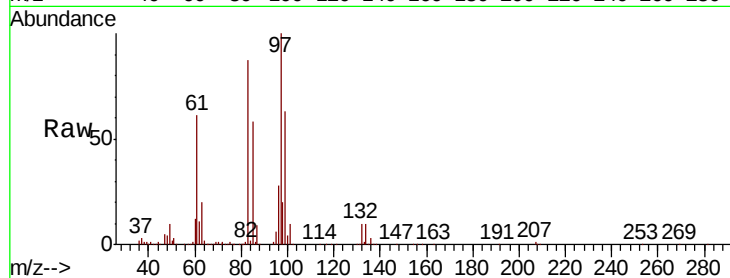




#55
 1,1,2-Trichloroethane
 Concen: 49.392 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

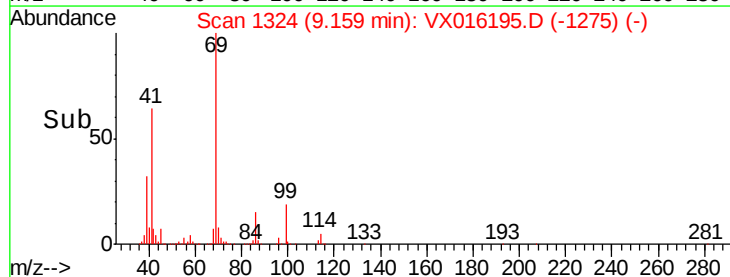
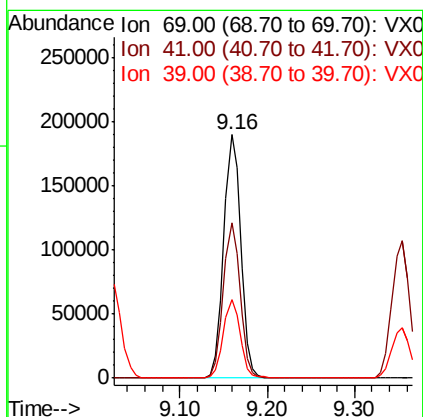
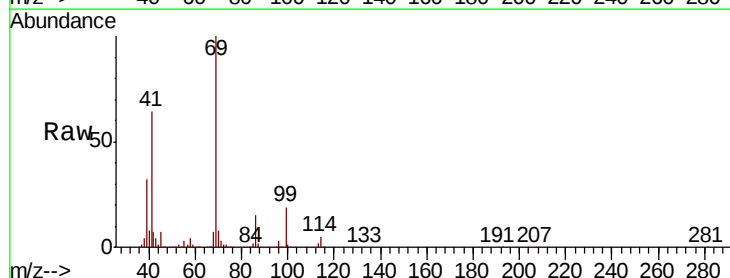
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

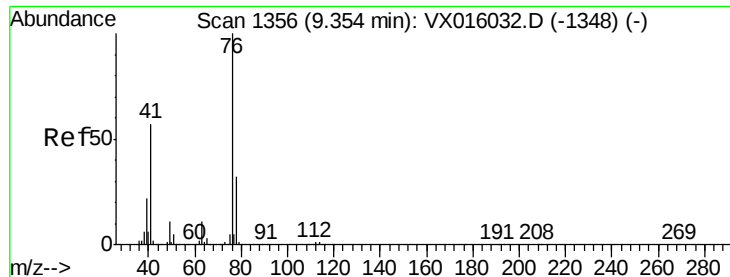
Tot Ion:	97	Resp:	155764
Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.8	101.8
85	57.5	43.8	65.8
99	63.0	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 49.871 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Tgt Ion:	69	Resp:	256722
Ion	Ratio	Lower	Upper
69	100		
41	62.7	52.2	78.4
39	32.1	28.2	42.4





#57

1,3-Dichloropropane

Concen: 48.996 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

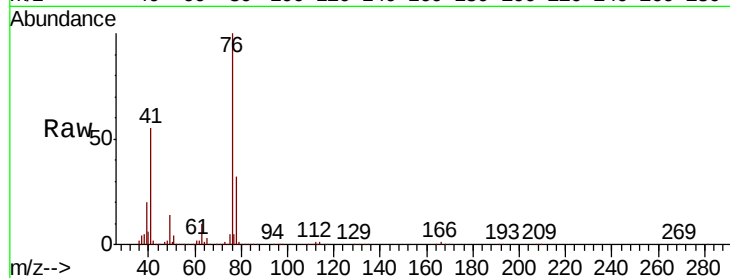
VSTDCCC050

Tot Ion: 76 Resp: 269610

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

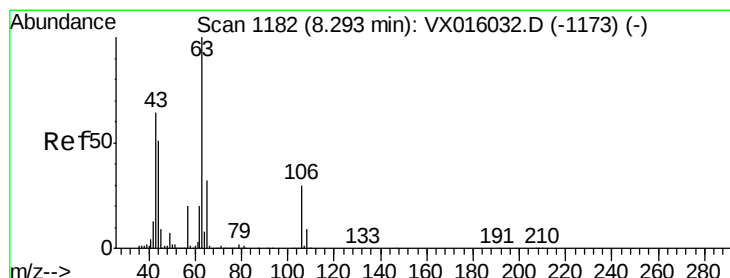
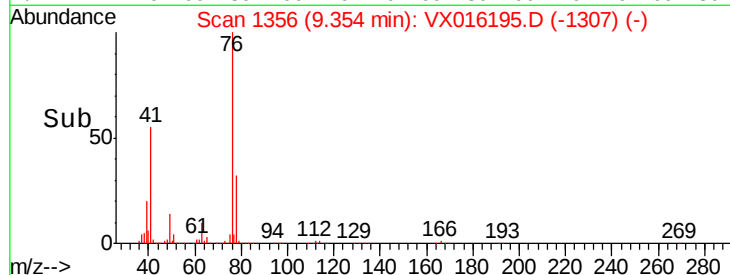
100000

50000

0

9.30 9.40

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 246.114 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016195.D

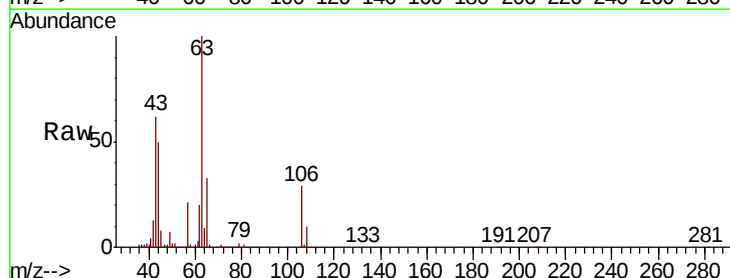
Acq: 13 May 2020 21:30

Tgt Ion: 63 Resp: 674475

Ion Ratio Lower Upper

63 100

106 29.1 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

500000

400000

300000

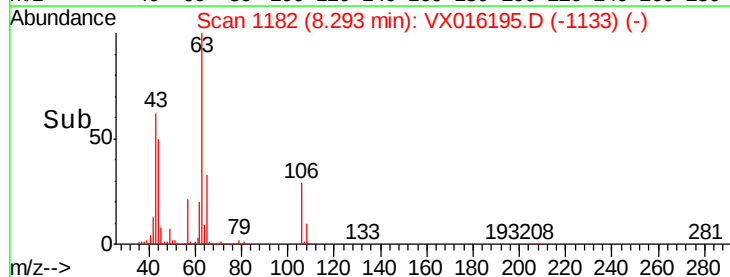
200000

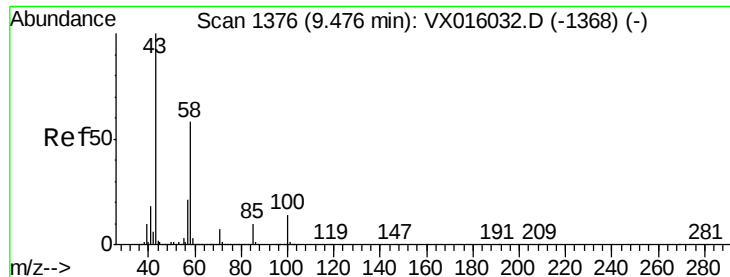
100000

0

8.20 8.30 8.40

Time-->

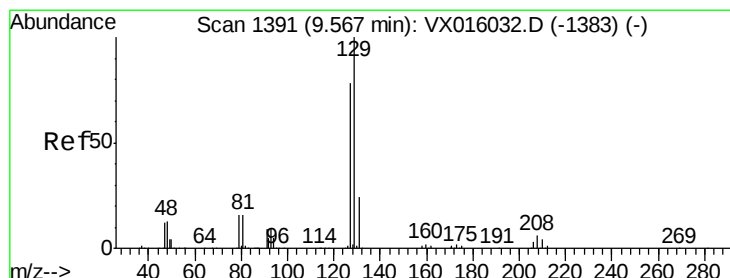
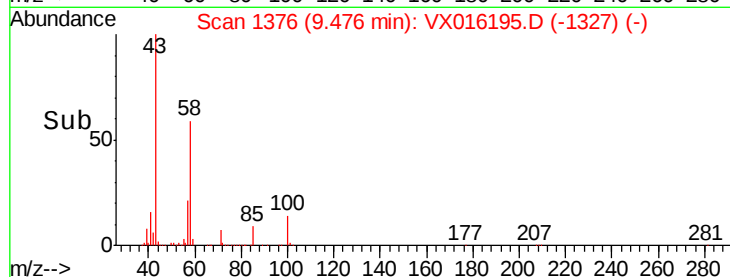
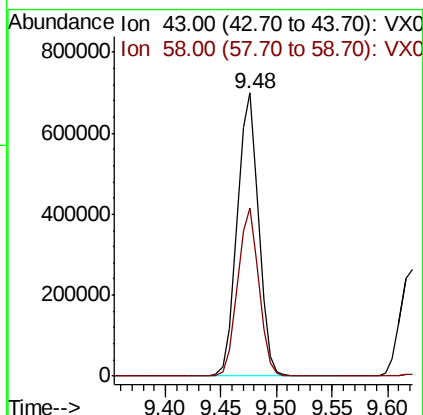
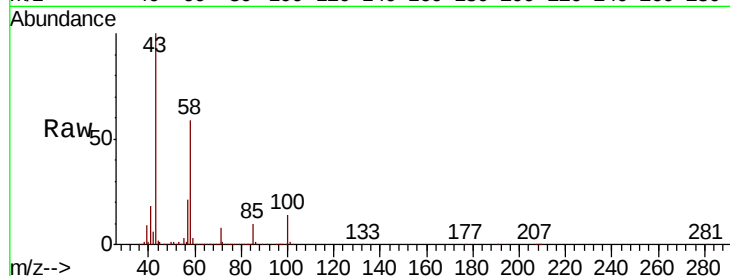




#59
2-Hexanone
Concen: 237.510 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

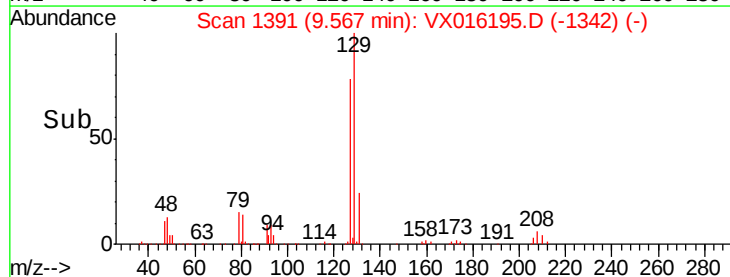
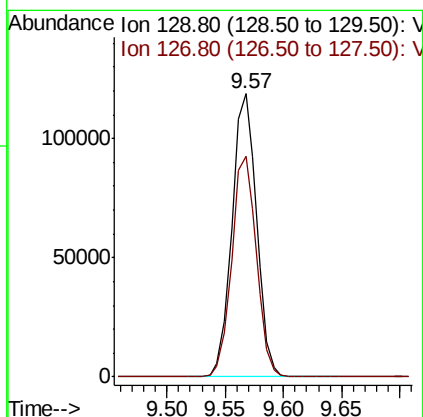
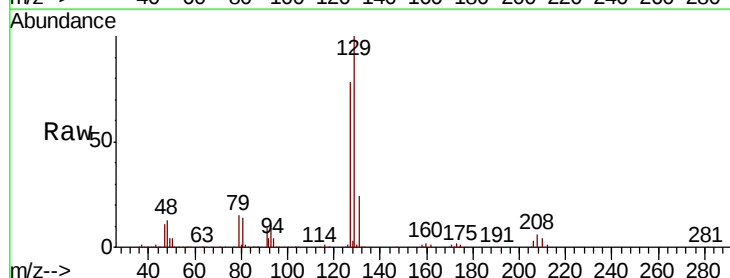
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

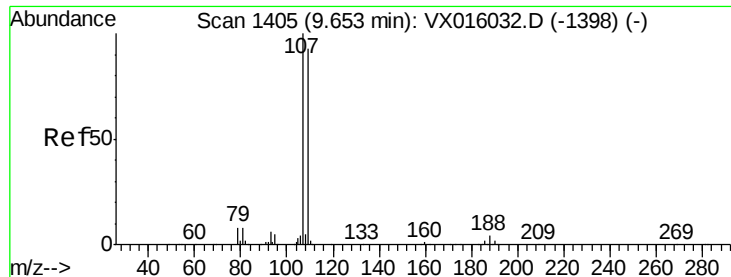
Tot Ion: 43 Resp: 927682
Ion Ratio Lower Upper
43 100
58 59.0 28.6 85.9



#60
Dibromochloromethane
Concen: 50.466 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion: 129 Resp: 175282
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 48.844 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

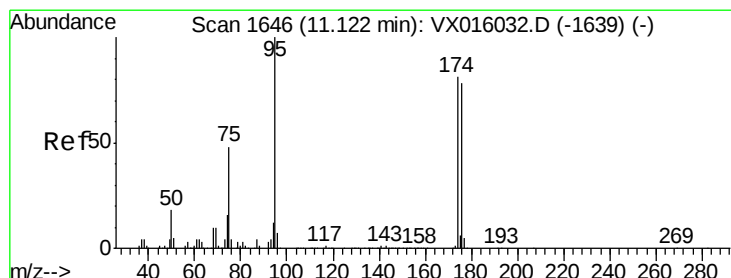
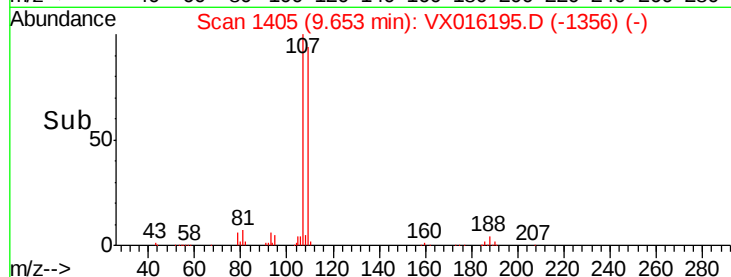
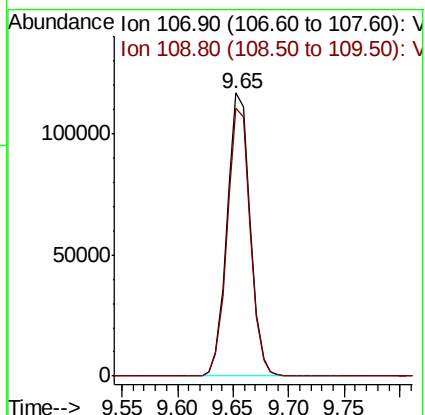
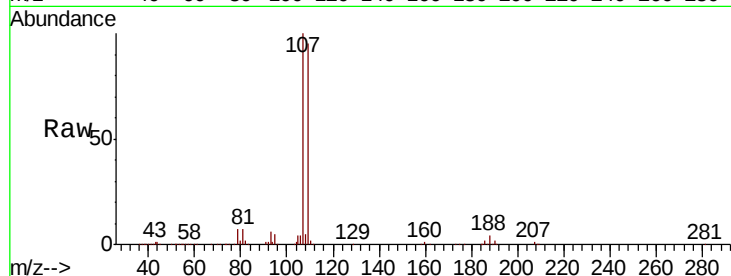
VSTDCCC050

Tot Ion: 107 Resp: 166849

Ion Ratio Lower Upper

107 100

109 95.1 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 48.165 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

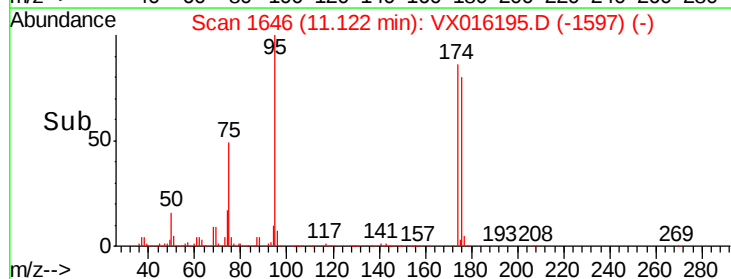
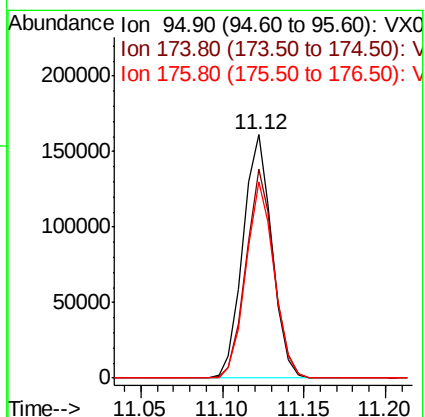
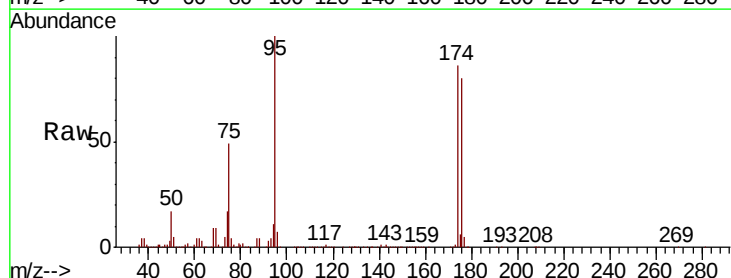
Tgt Ion: 95 Resp: 199666

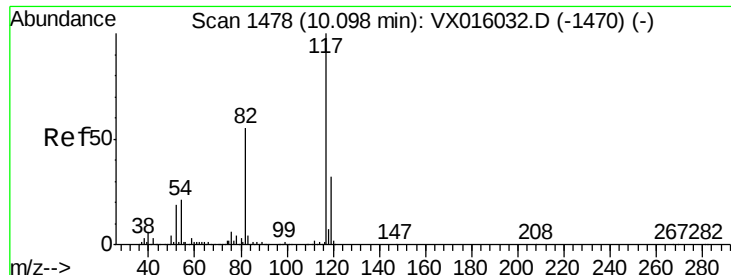
Ion Ratio Lower Upper

95 100

174 83.0 0.0 159.4

176 78.8 0.0 157.6

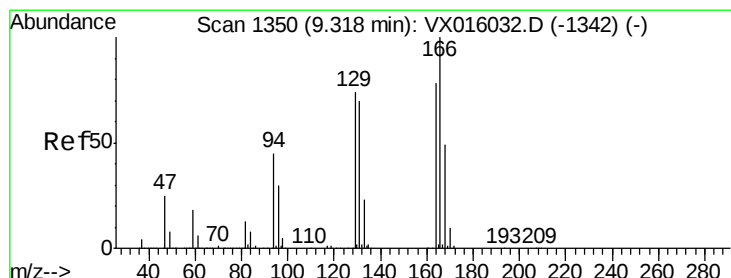
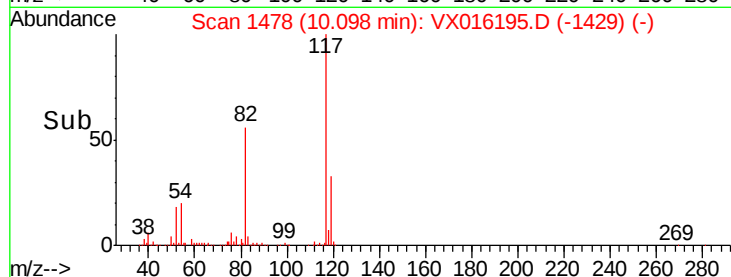
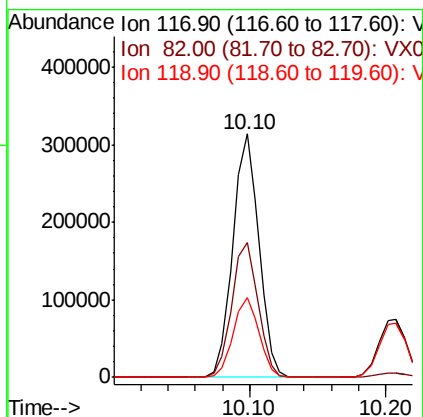
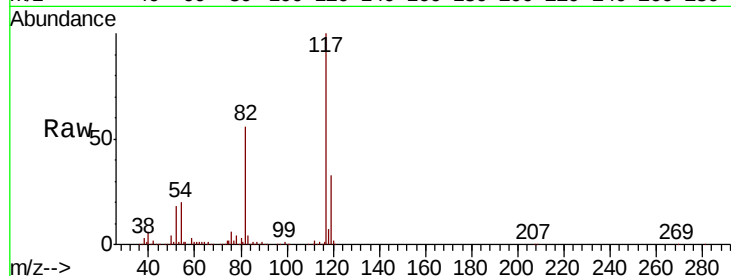




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

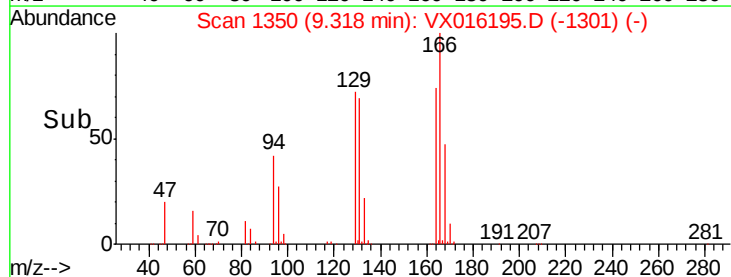
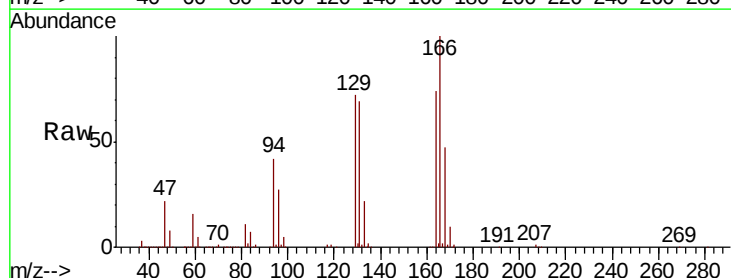
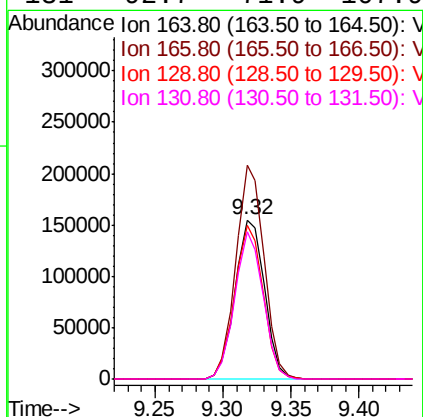
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

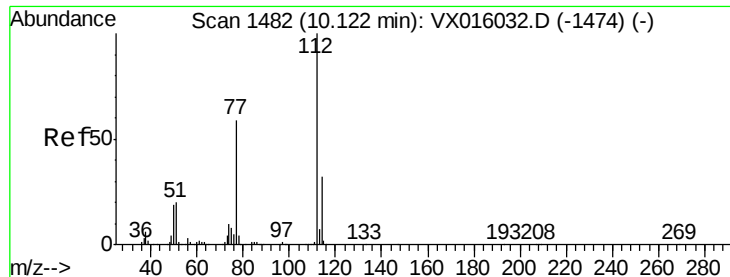
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.4	66.6
119	32.8	25.5	38.3



#64
Tetrachloroethene
Concen: 45.554 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.2	102.9	154.3
129	96.9	76.1	114.1
131	92.7	71.9	107.9





#65

Chlorobenzene

Concen: 46.742 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

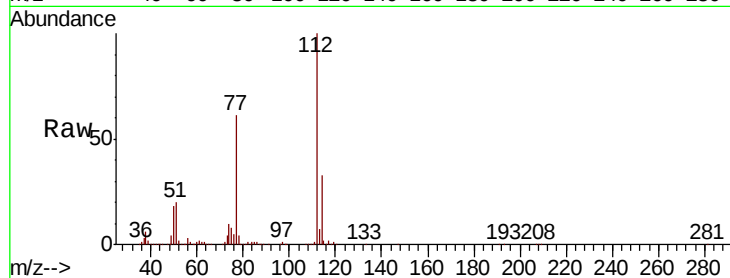
VSTDCCC050

Tot Ion:112 Resp: 408762

Ion Ratio Lower Upper

112 100

114 33.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

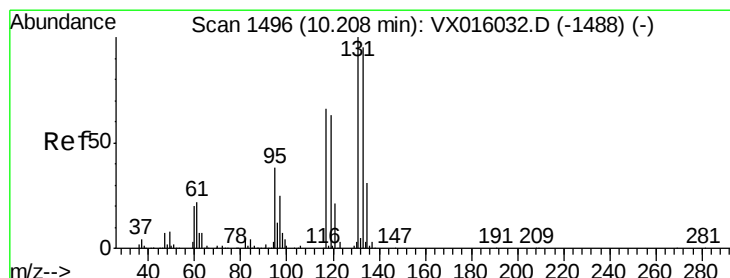
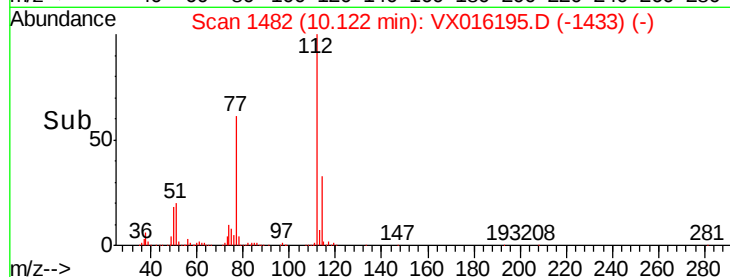
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.464 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

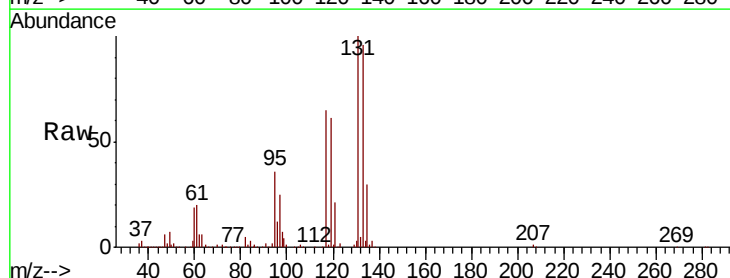
Tgt Ion:131 Resp: 159882

Ion Ratio Lower Upper

131 100

133 95.6 48.3 144.8

119 62.4 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

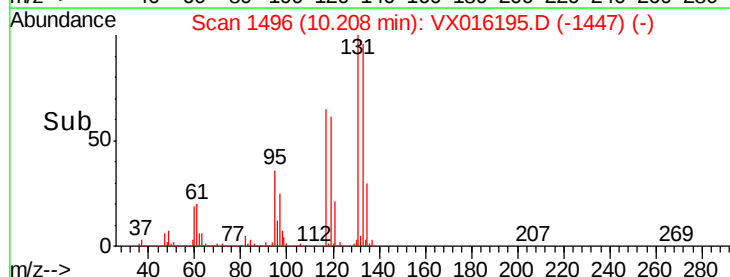
150000

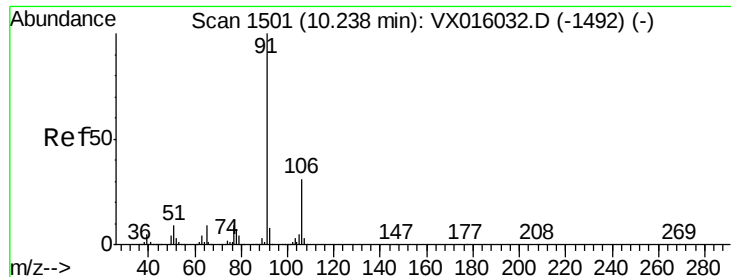
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 47.145 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

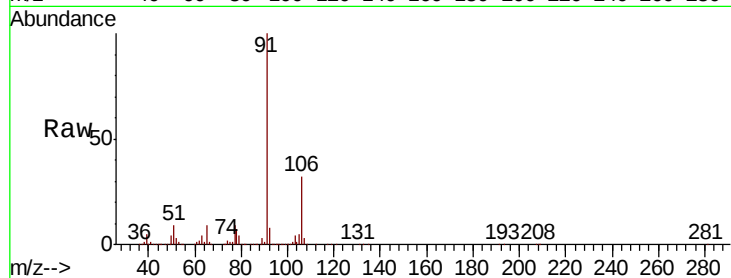
VSTDCCC050

Tot Ion: 91 Resp: 735624

Ion Ratio Lower Upper

91 100

106 32.3 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX016195.D (-1452) (-)

Ion 106.00 (105.70 to 106.70): VX016195.D (-1452) (-)

1000000

800000

600000

400000

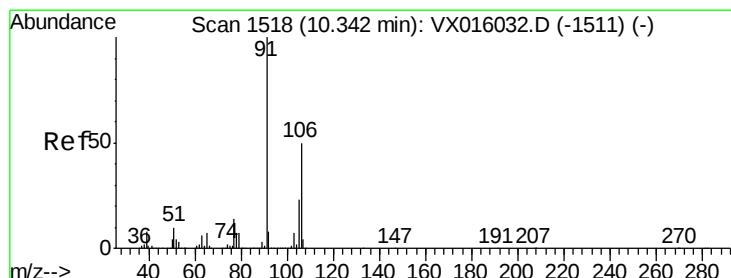
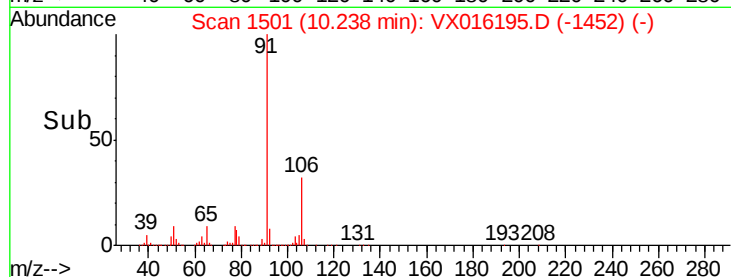
200000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 96.068 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016195.D

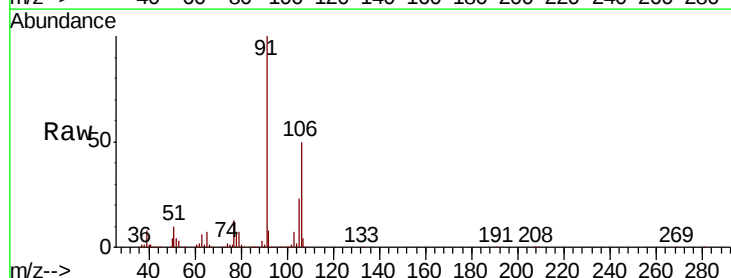
Acq: 13 May 2020 21:30

Tgt Ion: 106 Resp: 561613

Ion Ratio Lower Upper

106 100

91 200.7 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VX016195.D (-1469) (-)

Ion 91.00 (90.70 to 91.70): VX016195.D (-1469) (-)

1000000

800000

600000

400000

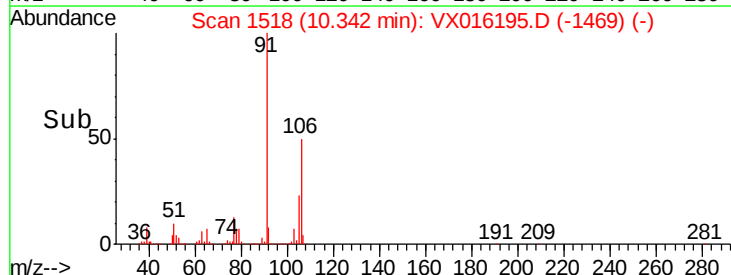
200000

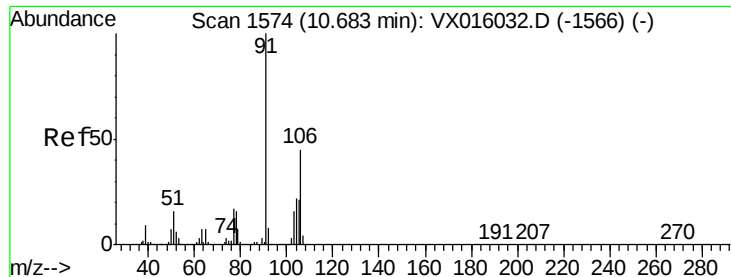
0

10.30

10.40

Time-->

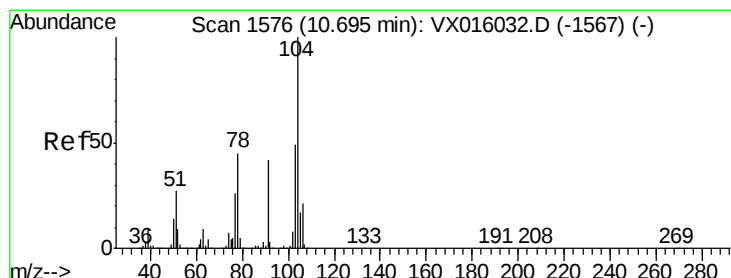
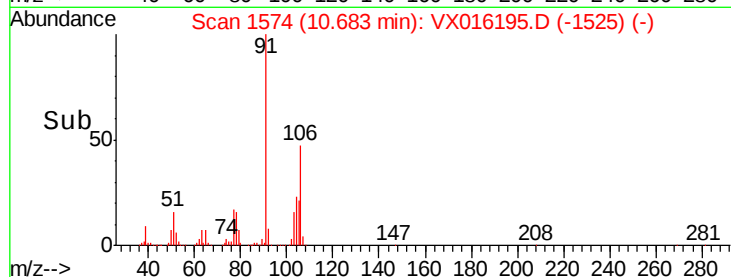
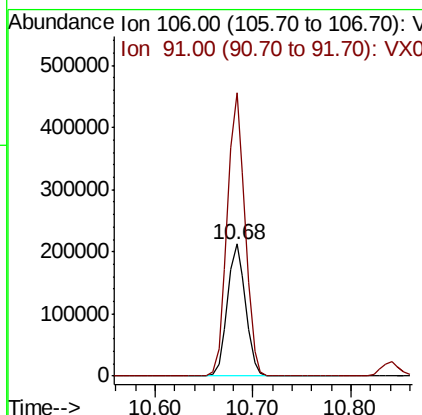
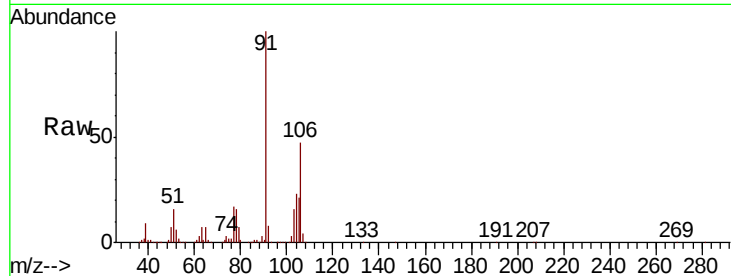




#69
o-Xylene
Concen: 48.522 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

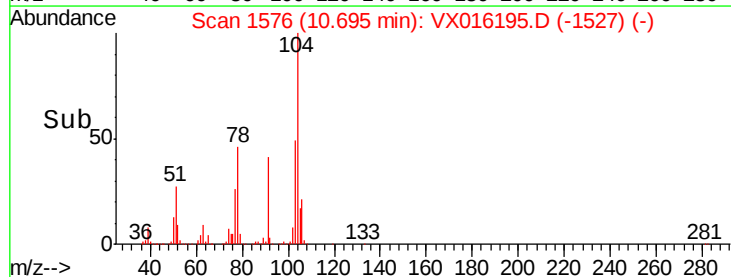
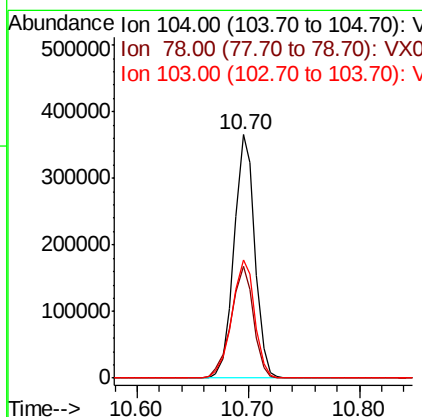
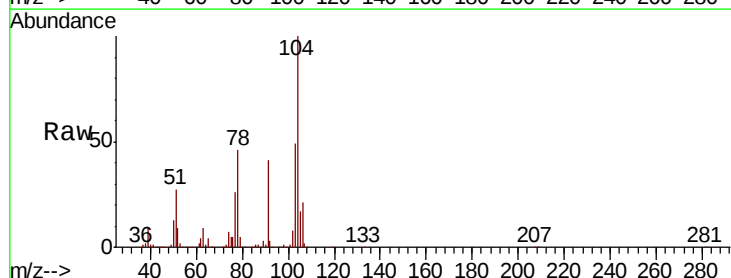
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

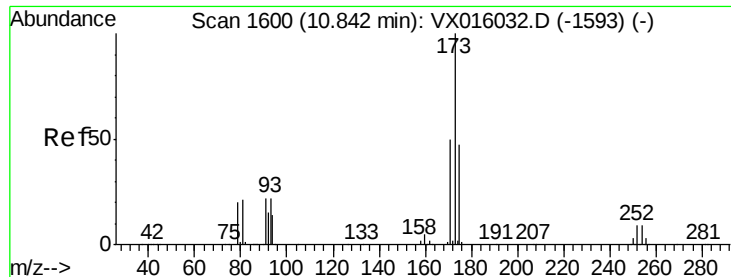
Tot Ion:106 Resp: 272662
Ion Ratio Lower Upper
106 100
91 211.4 107.5 322.6



#70
Styrene
Concen: 49.403 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion:104 Resp: 470976
Ion Ratio Lower Upper
104 100
78 49.7 40.2 60.2
103 53.5 43.0 64.6





#71

Bromoform

Concen: 51.319 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

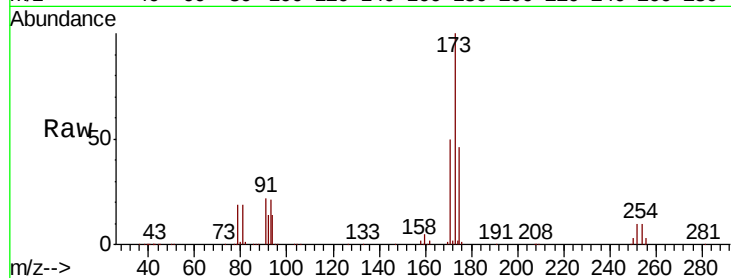
Tot Ion:173 Resp: 135143

Ion Ratio Lower Upper

173 100

175 48.3 24.0 72.0

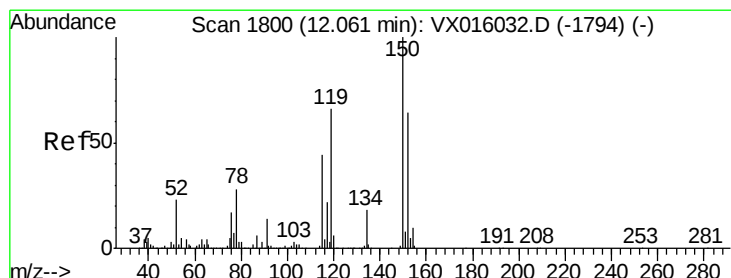
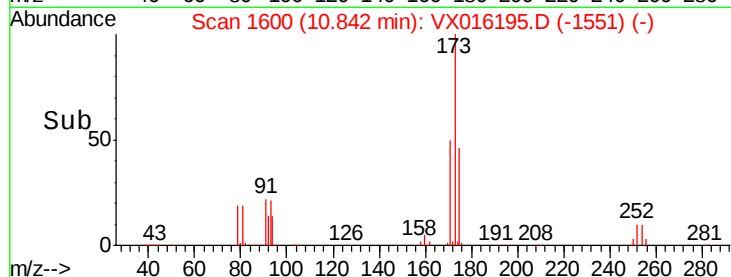
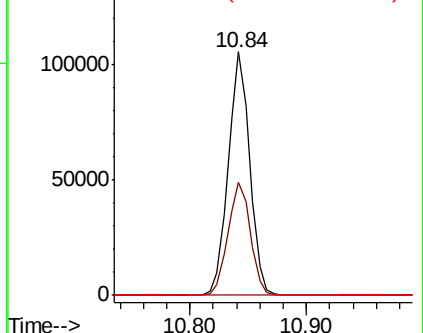
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

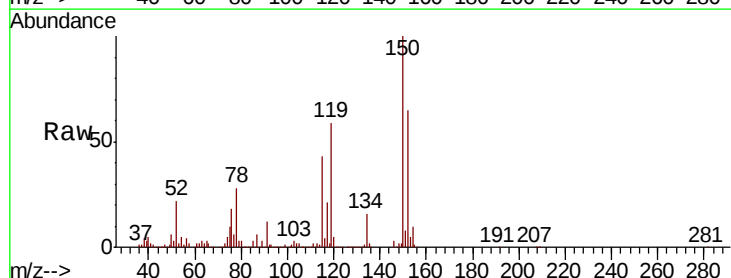
Tgt Ion:152 Resp: 216157

Ion Ratio Lower Upper

152 100

115 79.4 41.3 124.1

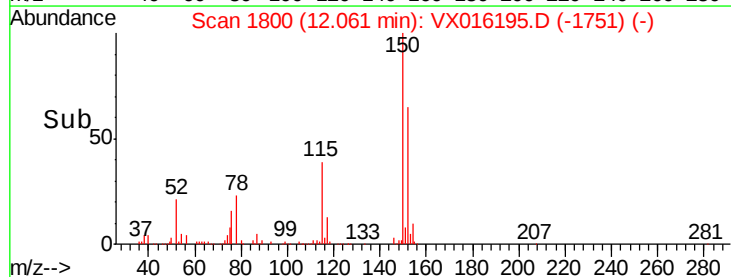
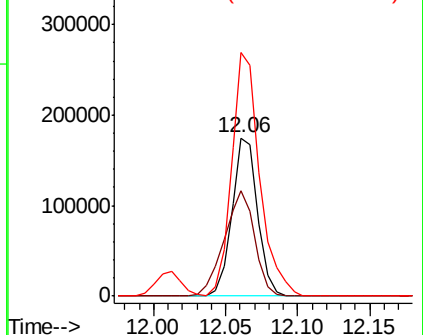
150 169.0 0.0 352.2

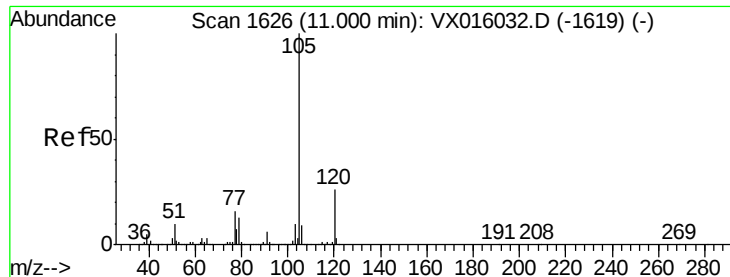


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.336 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

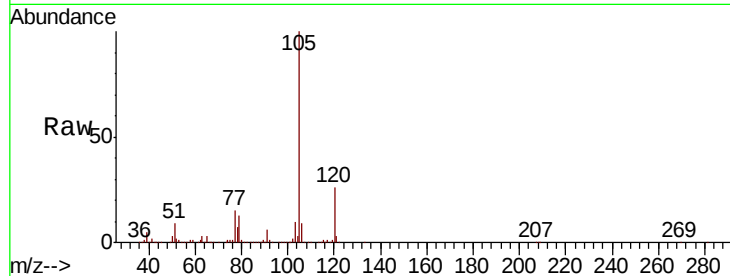
VSTDCCC050

Tot Ion: 105 Resp: 728491

Ion Ratio Lower Upper

105 100

120 25.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

200000

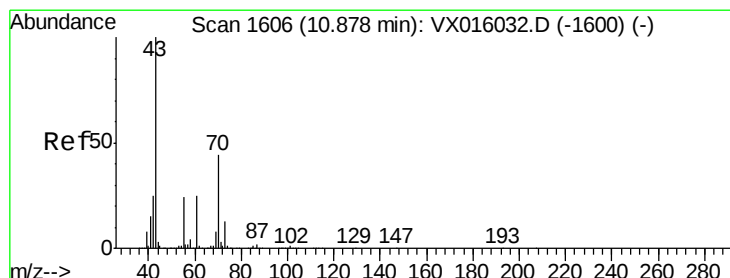
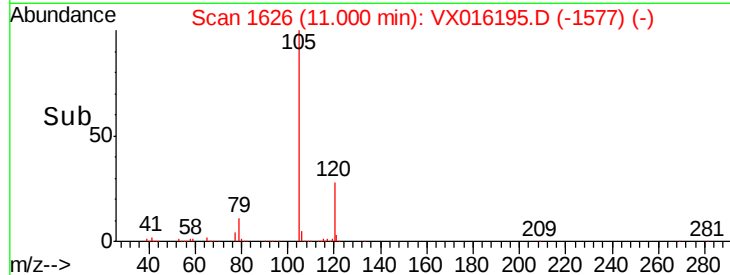
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 44.771 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Tgt Ion: 43 Resp: 328328

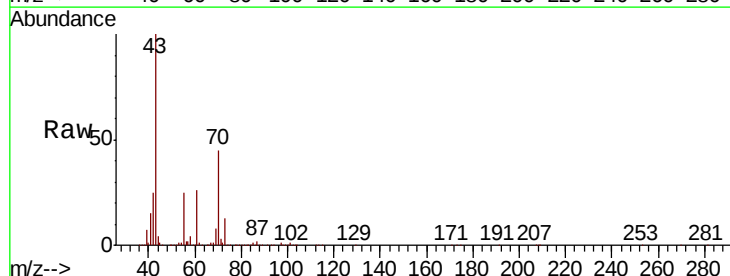
Ion Ratio Lower Upper

43 100

70 46.4 36.5 54.7

55 25.4 19.7 29.5

61 26.4 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

200000

100000

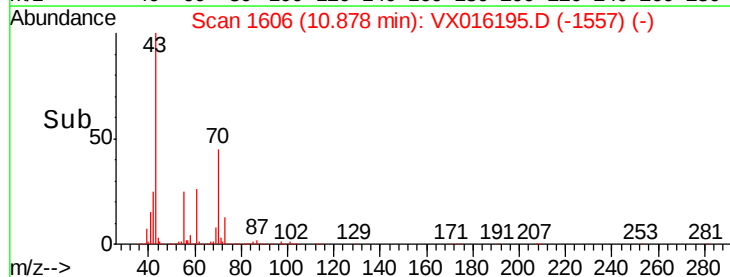
0

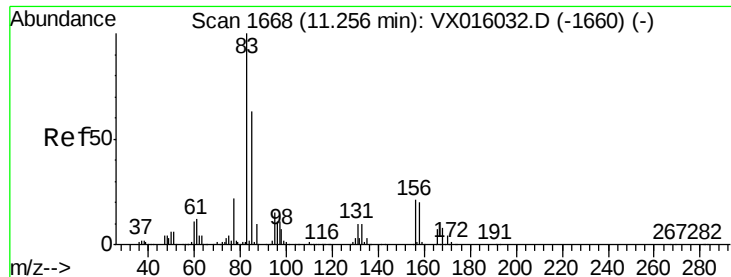
10.88

10.80

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.599 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

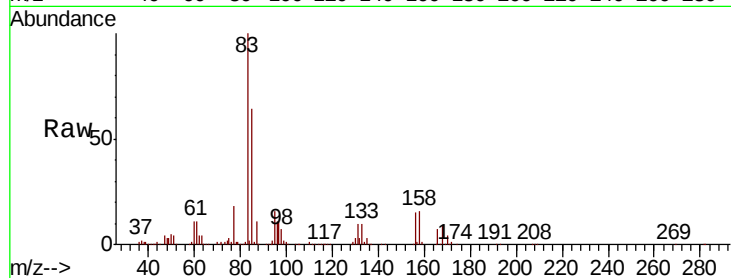
Tot Ion: 83 Resp: 167021

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

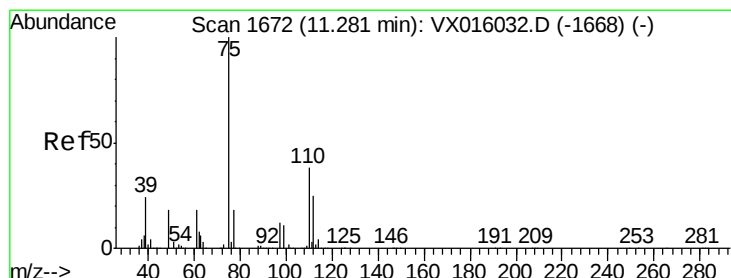
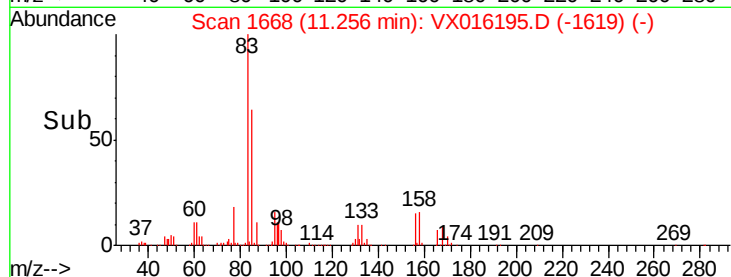
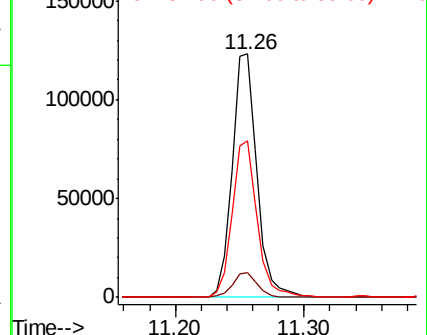
85 64.5 32.0 96.0



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: 61.606 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016195.D

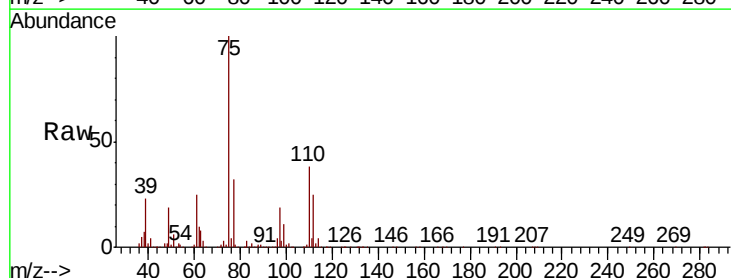
Acq: 13 May 2020 21:30

Tgt Ion: 75 Resp: 302183

Ion Ratio Lower Upper

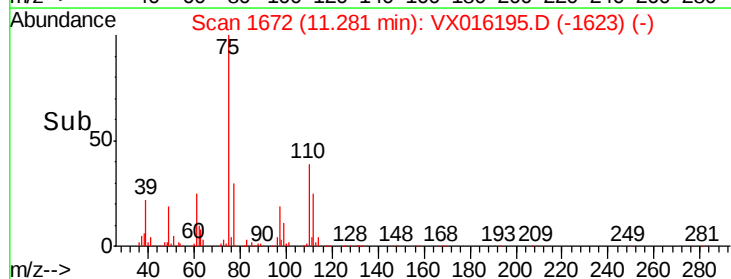
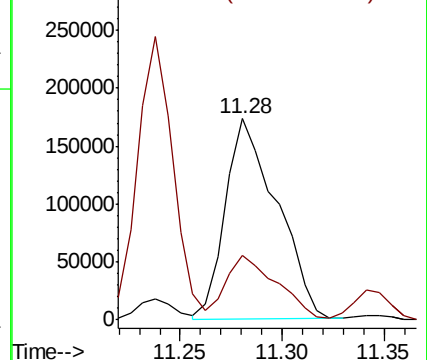
75 100

77 32.2 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: 45.906 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

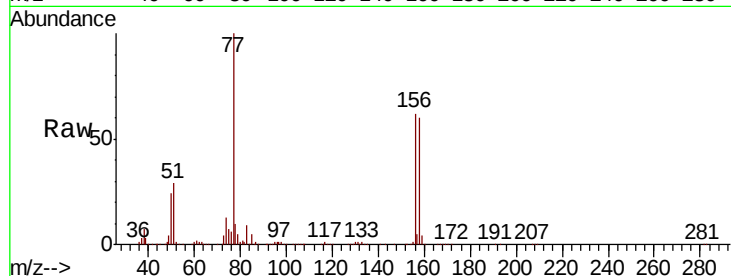
Tot Ion:156 Resp: 186291

Ion Ratio Lower Upper

156 100

77 159.5 80.1 240.3

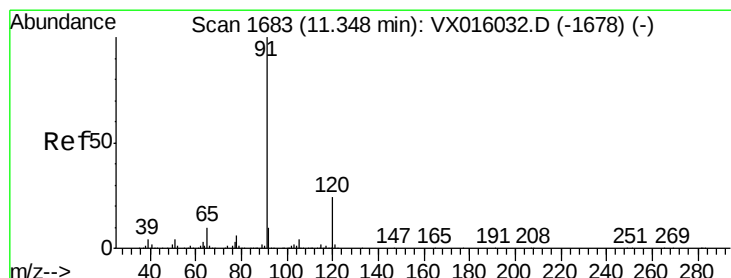
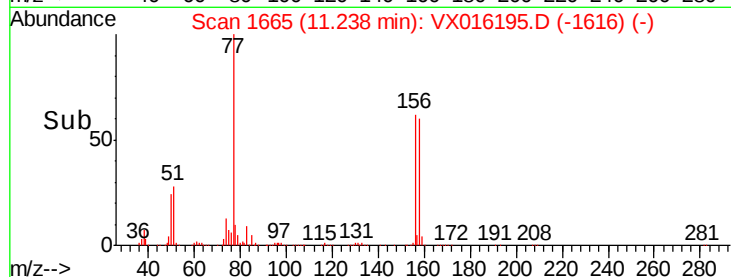
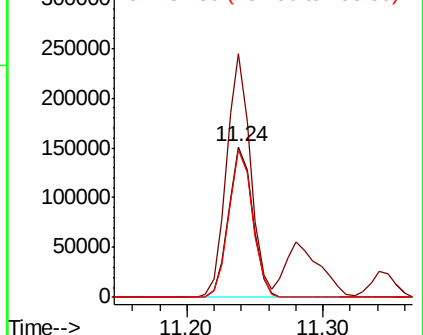
158 97.3 49.4 148.2



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: 45.293 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016195.D

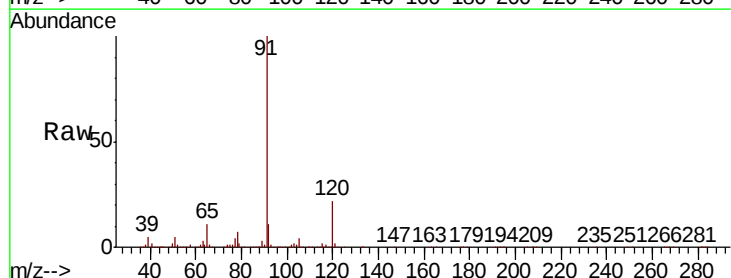
Acq: 13 May 2020 21:30

Tgt Ion: 91 Resp: 828410

Ion Ratio Lower Upper

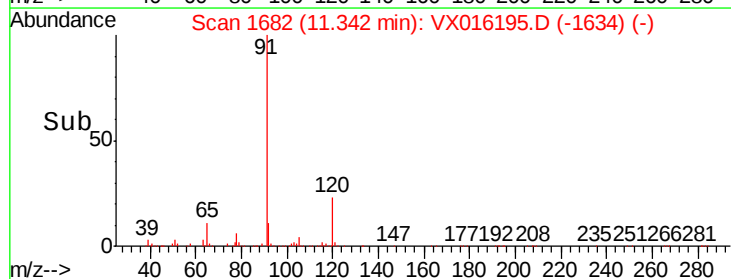
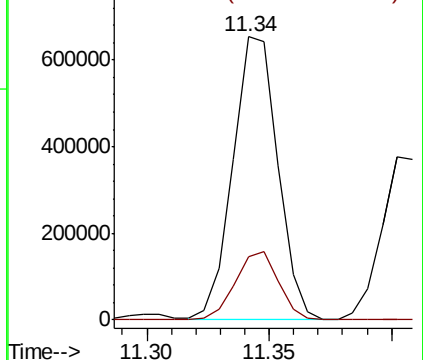
91 100

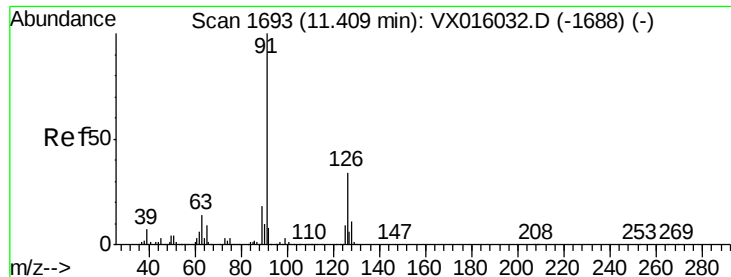
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

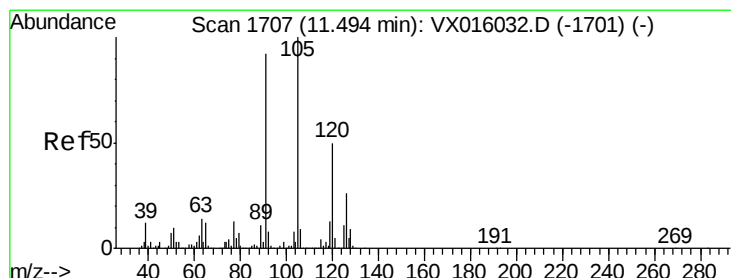
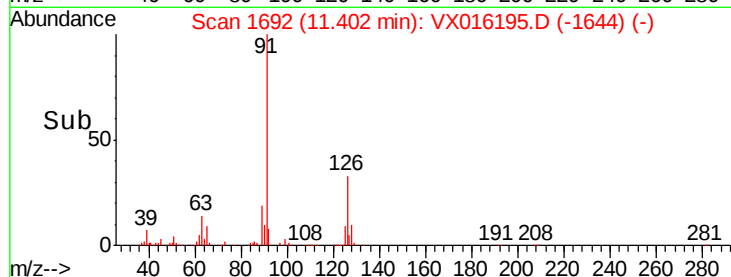
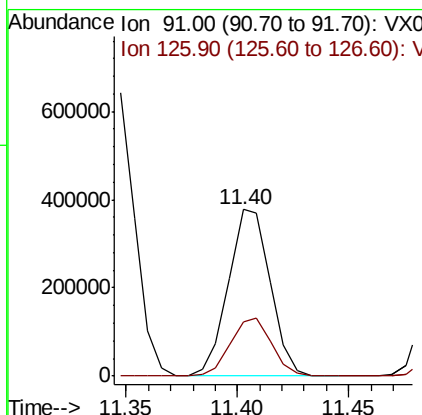
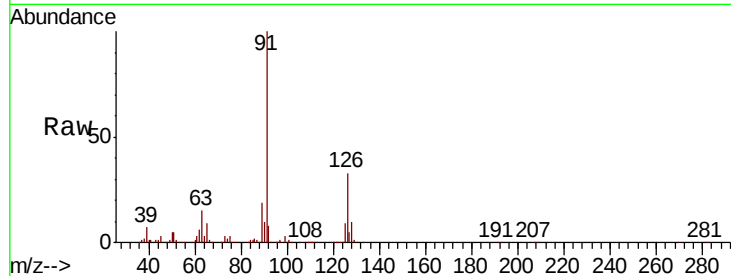




#79
 2-Chlorotoluene
 Concen: 45.703 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

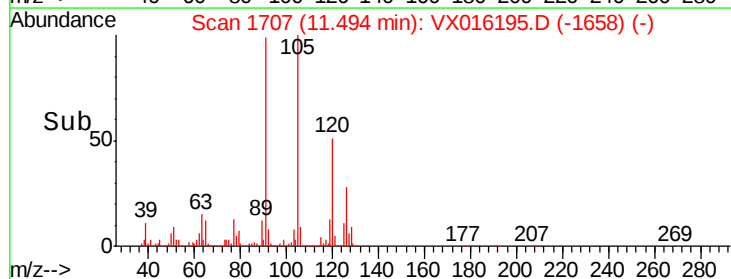
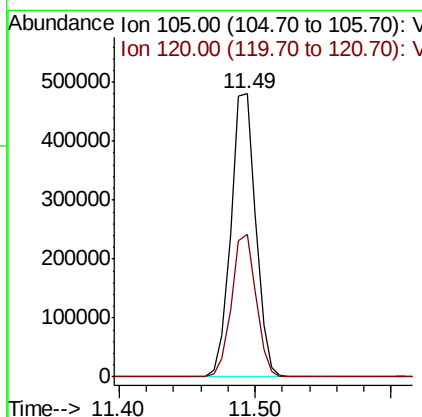
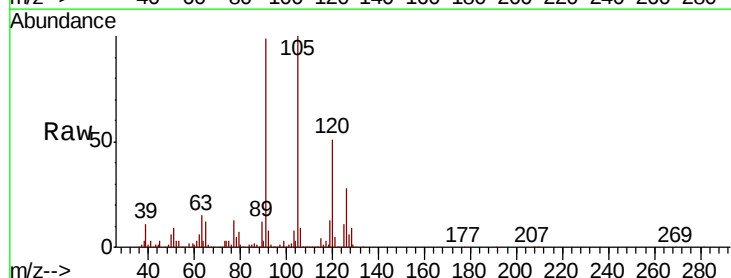
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

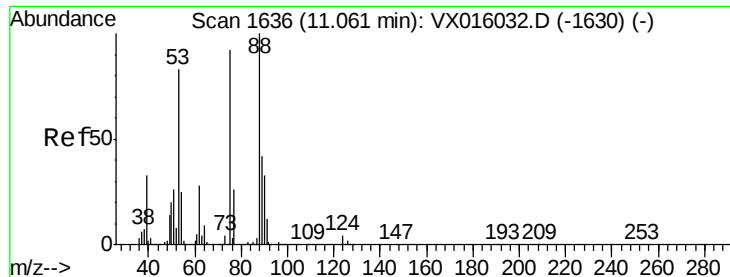
Tot Ion: 91 Resp: 493419
 Ion Ratio Lower Upper
 91 100
 126 34.3 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 45.819 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Tgt Ion: 105 Resp: 608230
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 44.602 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

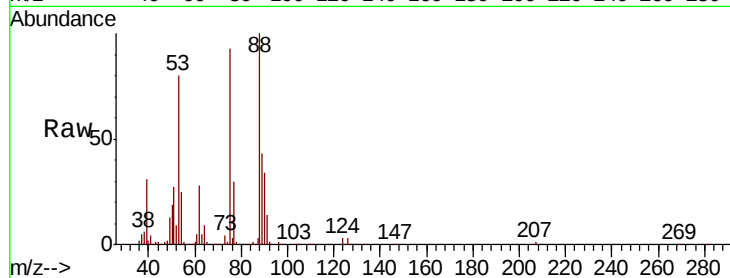
Tot Ion: 75 Resp: 91805

Ion Ratio Lower Upper

75 100

53 88.2 73.1 109.7

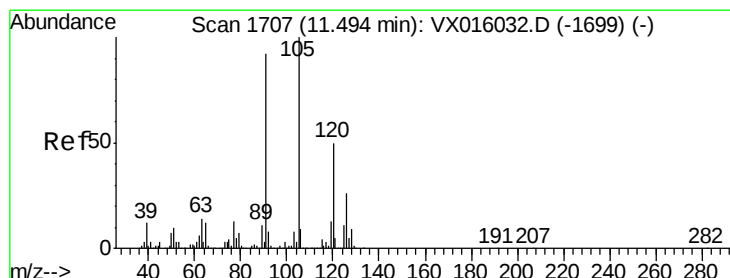
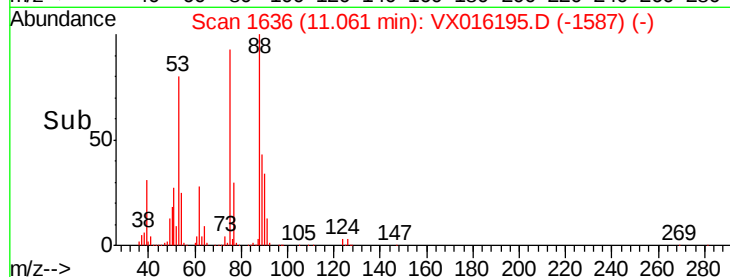
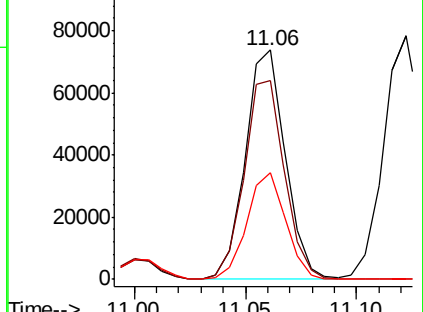
89 45.6 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 45.568 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016195.D

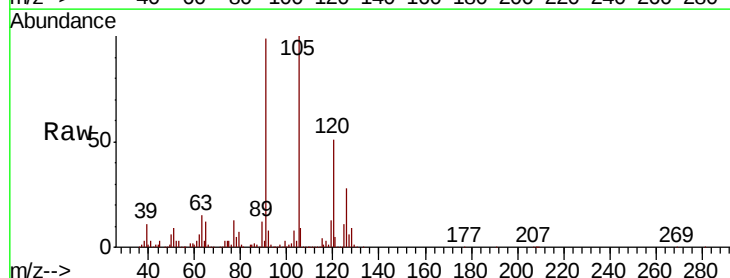
Acq: 13 May 2020 21:30

Tgt Ion: 91 Resp: 580941

Ion Ratio Lower Upper

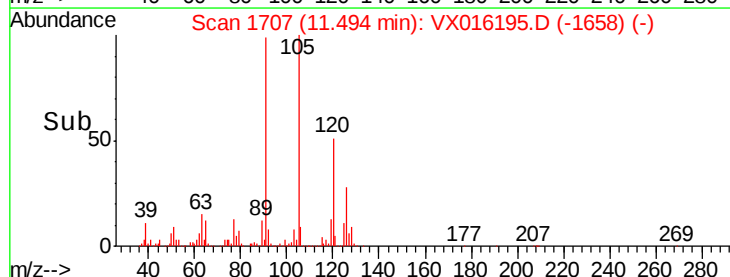
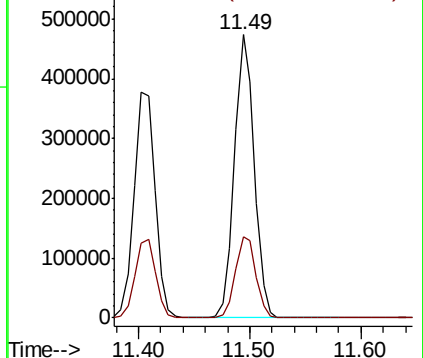
91 100

126 30.0 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 46.123 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

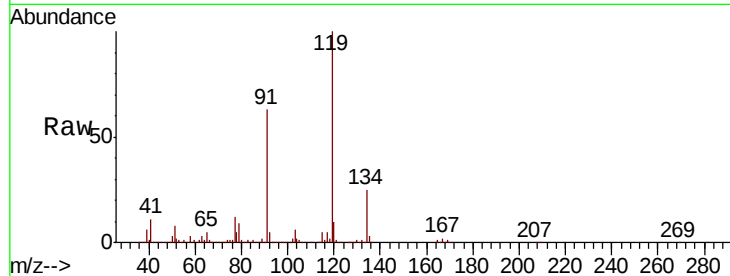
Tot Ion:119 Resp: 527643

Ion Ratio Lower Upper

119 100

91 64.0 32.8 98.4

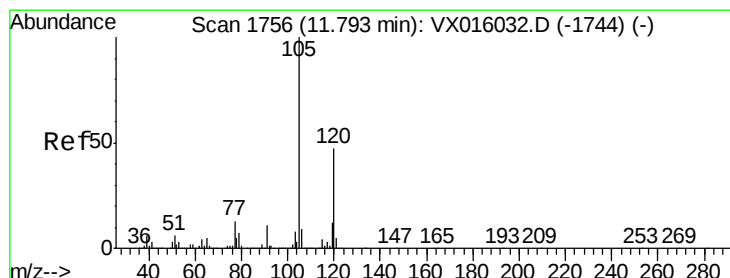
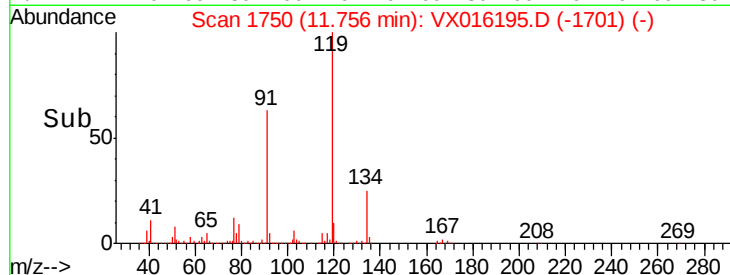
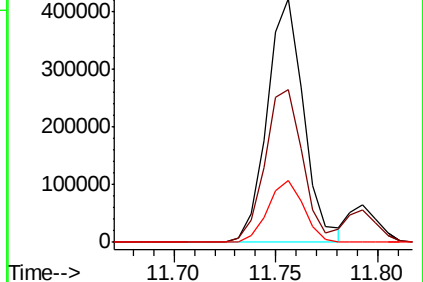
134 24.8 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 46.197 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016195.D

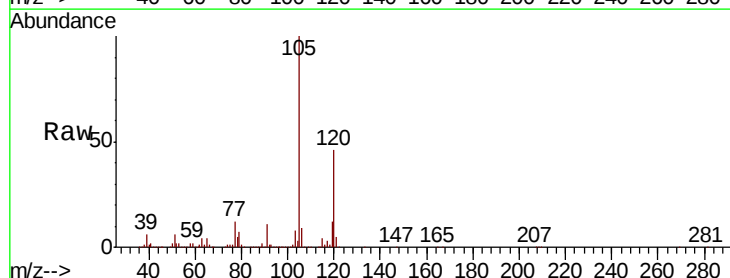
Acq: 13 May 2020 21:30

Tgt Ion:105 Resp: 619983

Ion Ratio Lower Upper

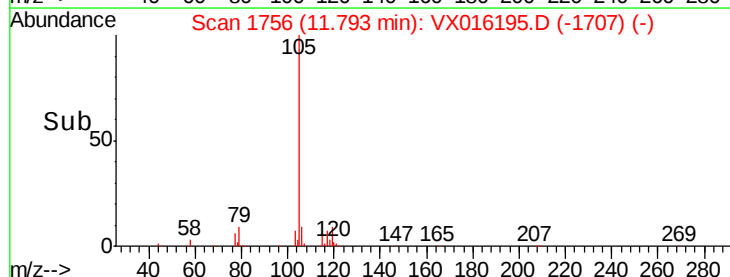
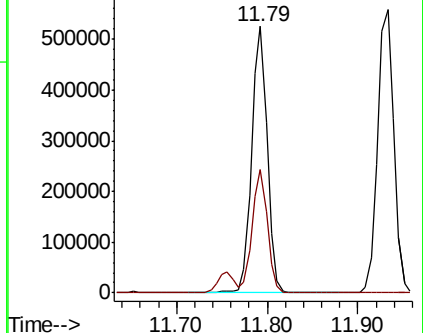
105 100

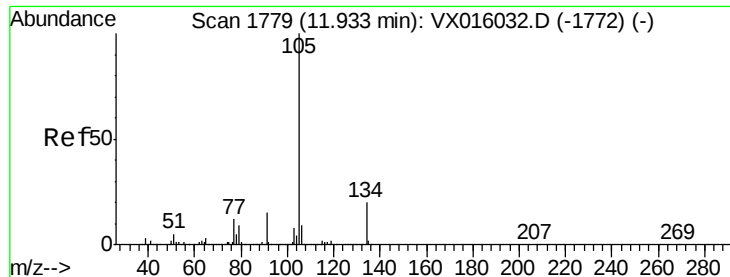
120 45.6 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 44.593 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

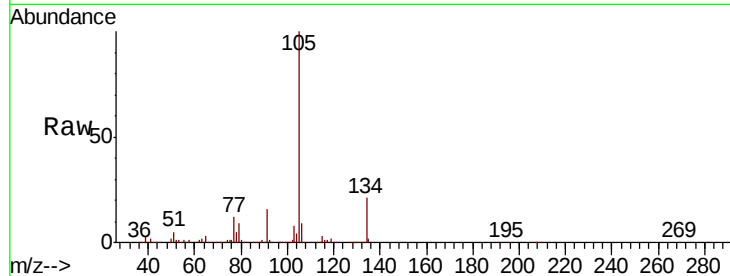
VSTDCCC050

Tot Ion:105 Resp: 688784

Ion Ratio Lower Upper

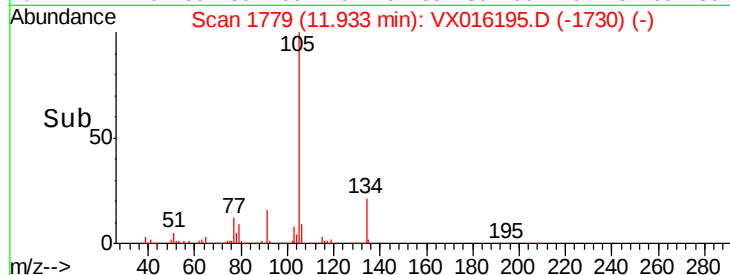
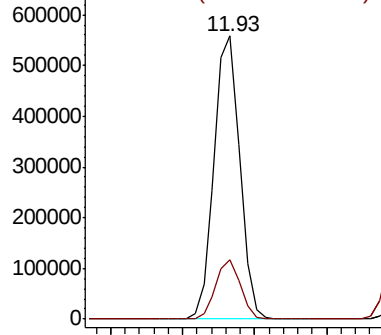
105 100

134 20.4 10.1 30.3

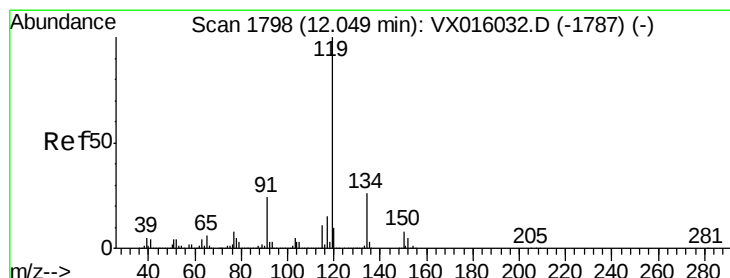


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 44.982 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

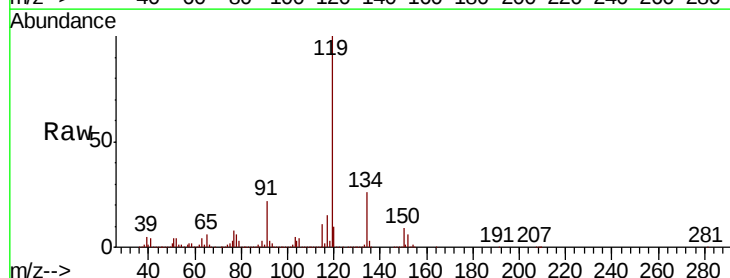
Tgt Ion:119 Resp: 645079

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

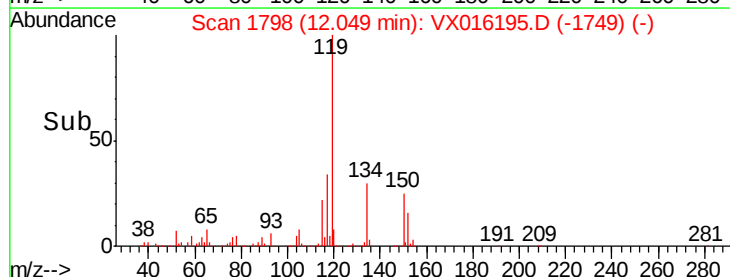
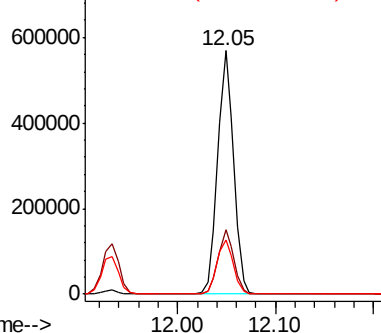
91 22.9 11.8 35.4



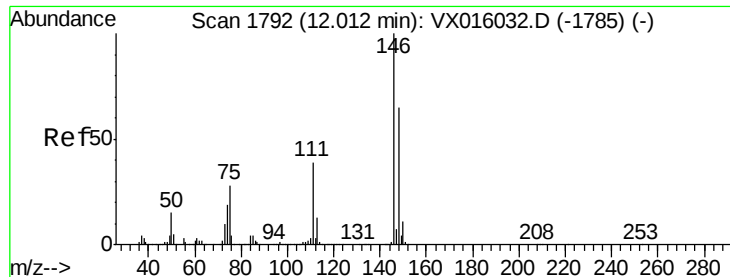
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#87

1,3-Dichlorobenzene

Concen: 45.281 ug/l

RT: 12.01 min Scan# 1792

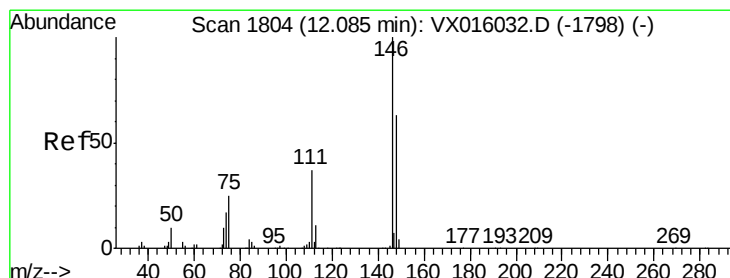
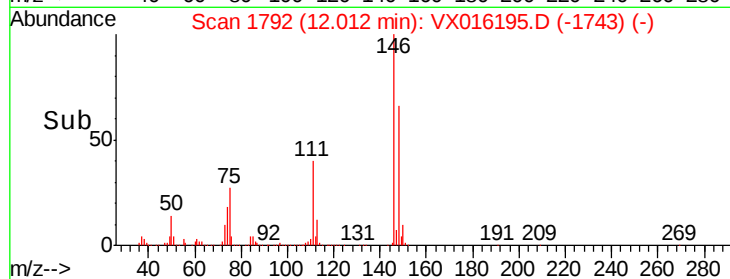
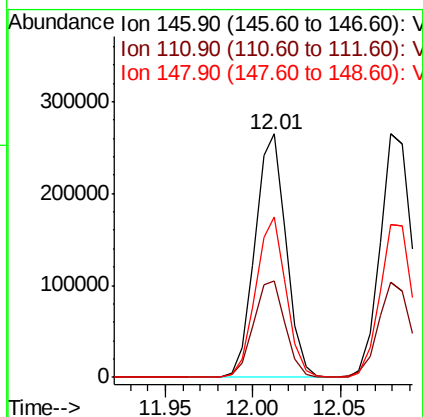
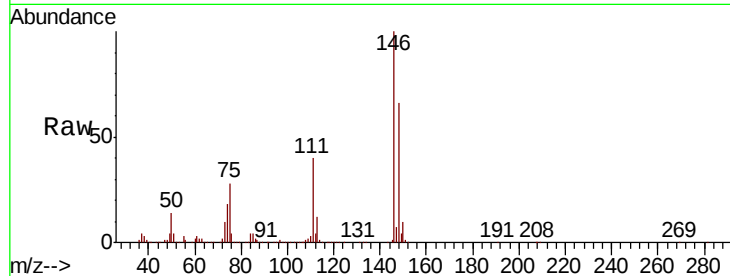
Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.6
148	64.3	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 45.112 ug/l

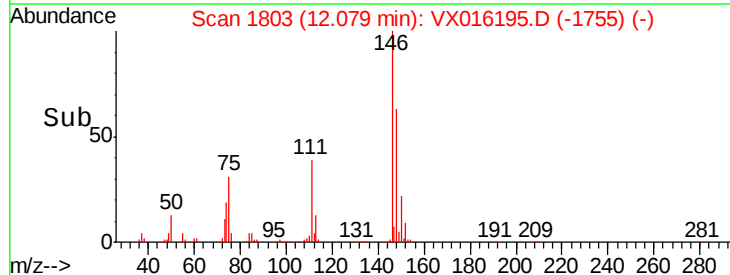
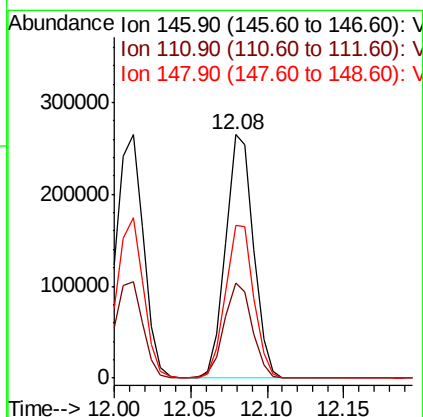
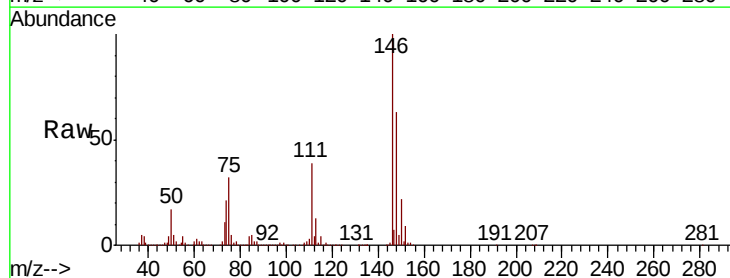
RT: 12.08 min Scan# 1803

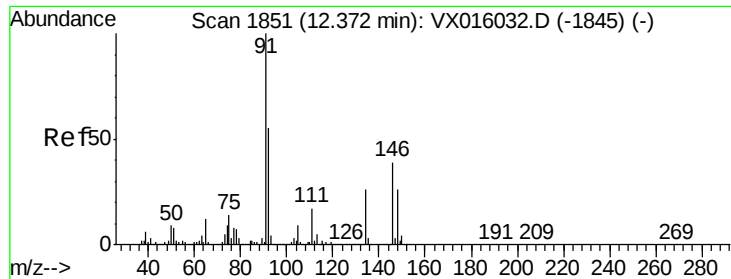
Delta R.T. -0.01 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	63.9	31.8	95.3

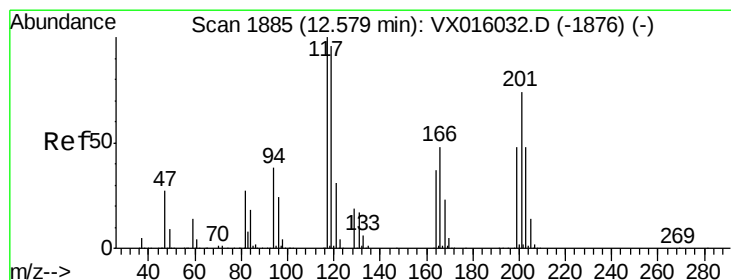
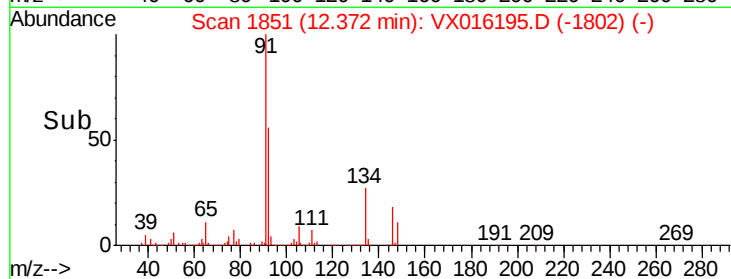
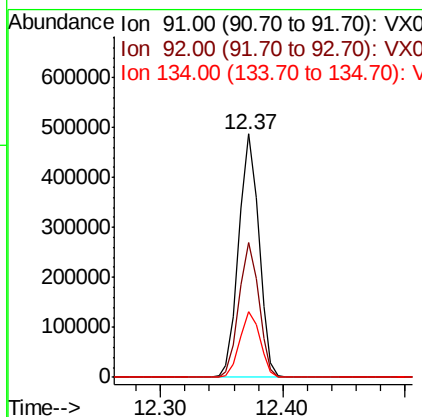
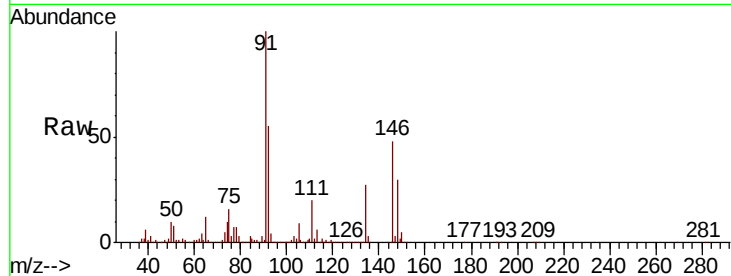




#89
n-Butylbenzene
Concen: 42.133 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

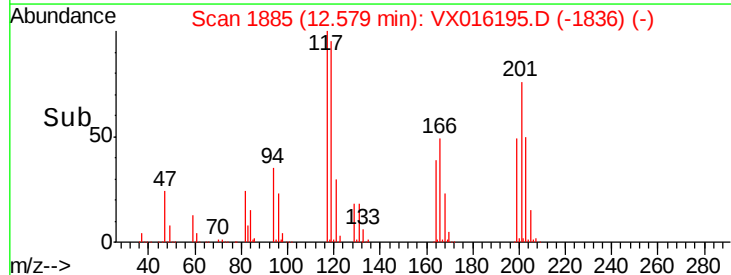
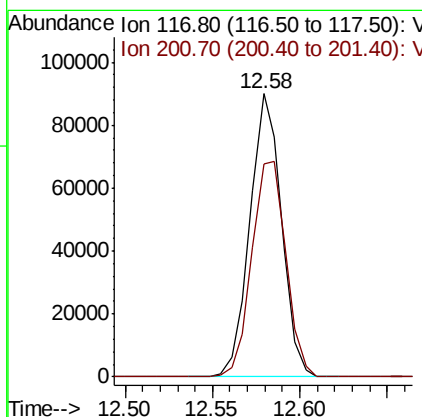
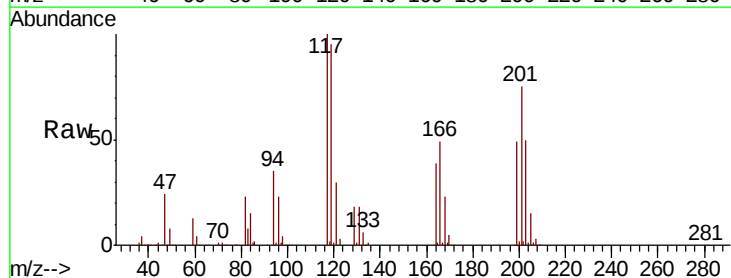
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 551994
Ion Ratio Lower Upper
91 100
92 54.7 27.6 82.7
134 26.9 13.4 40.1



#90
Hexachloroethane
Concen: 46.138 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion: 117 Resp: 113635
Ion Ratio Lower Upper
117 100
201 82.7 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 46.587 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

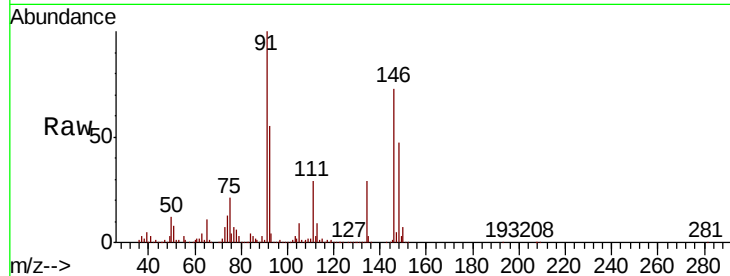
Tot Ion:146 Resp: 326862

Ion Ratio Lower Upper

146 100

111 41.3 21.1 63.1

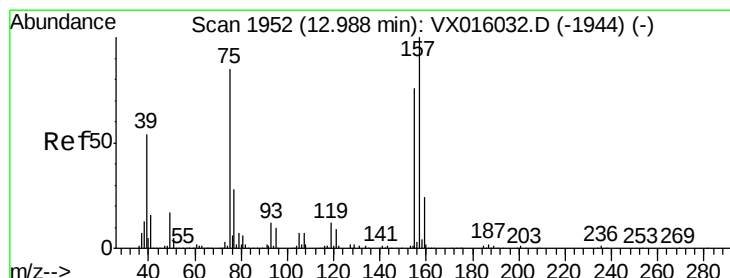
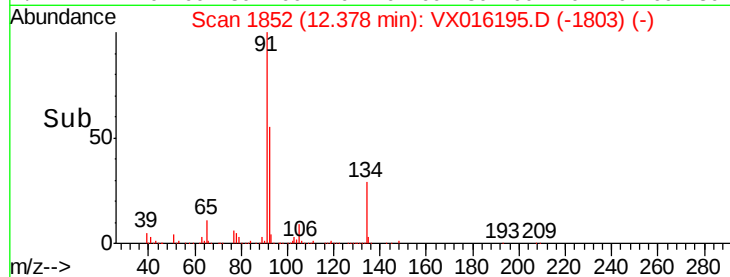
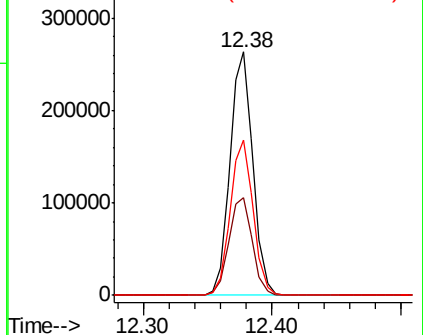
148 63.9 32.4 97.0



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: 43.945 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

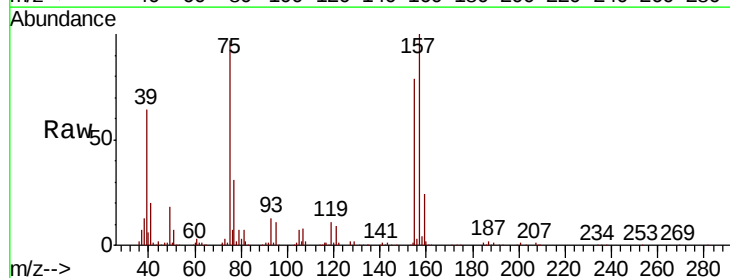
Tgt Ion: 75 Resp: 56811

Ion Ratio Lower Upper

75 100

155 89.1 42.5 127.5

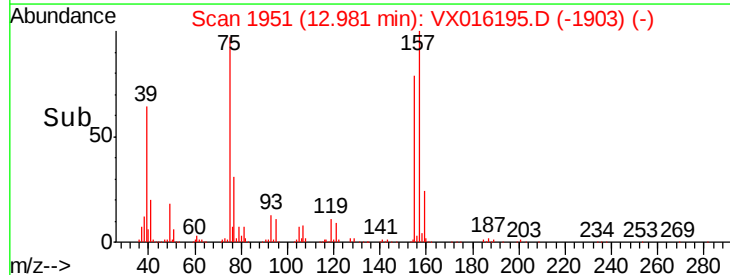
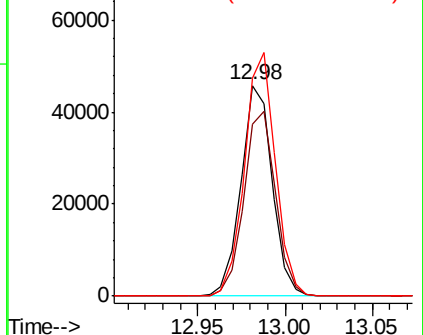
157 114.2 55.3 165.8

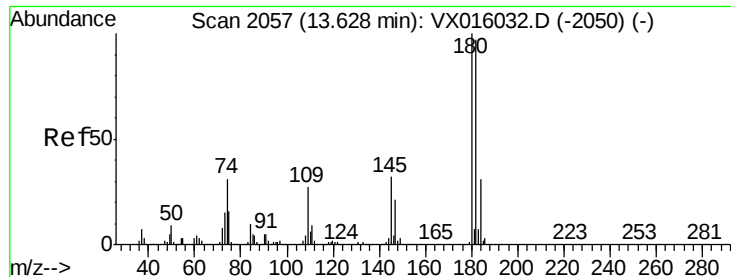


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

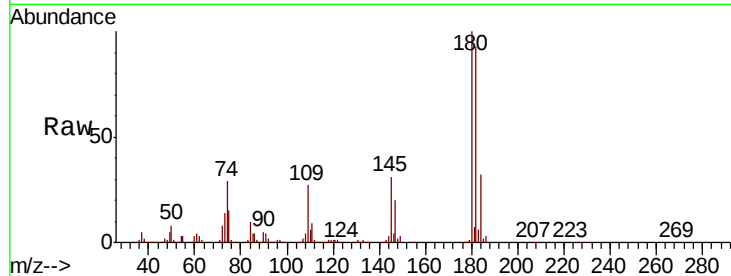




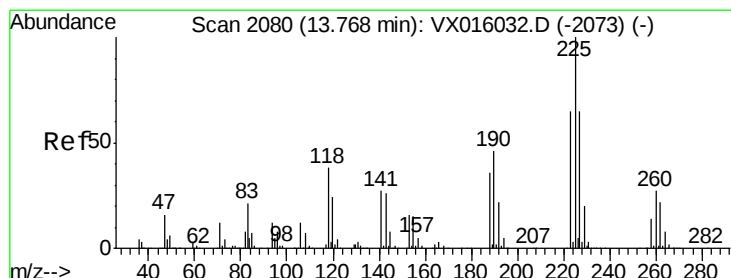
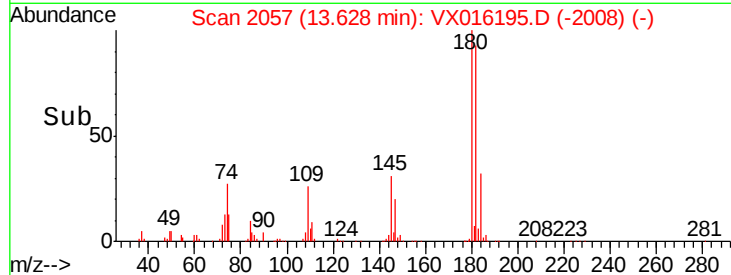
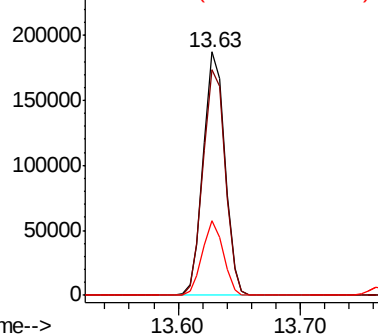
#93
 1,2,4-Trichlorobenzene
 Concen: 43.831 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.7	146.1
145	29.8	15.7	47.1

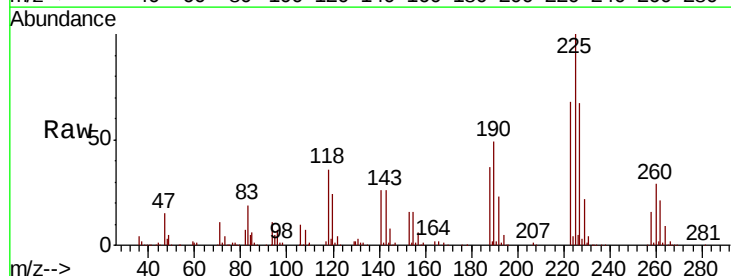


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

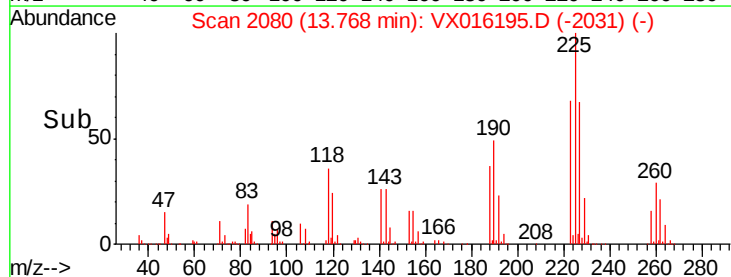
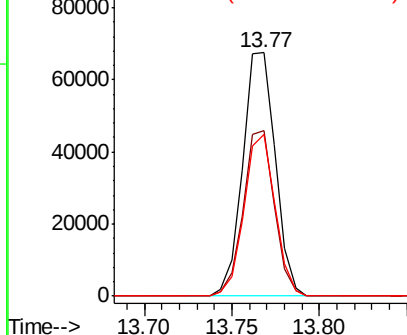


#94
 Hexachlorobutadiene
 Concen: 39.285 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	32.3	96.9
227	63.2	31.8	95.4



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





#95

Naphthalene

Concen: 46.372 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

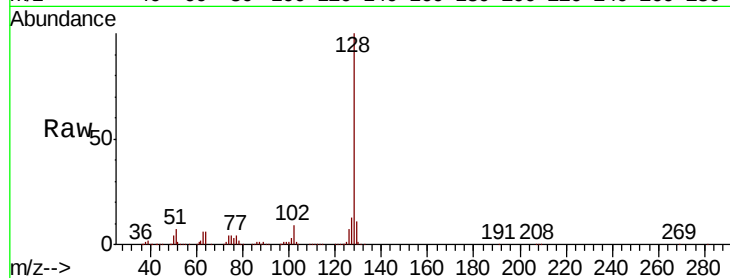
Tot Ion:128 Resp: 779968

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

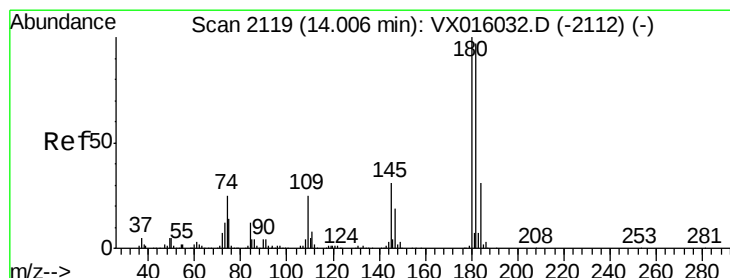
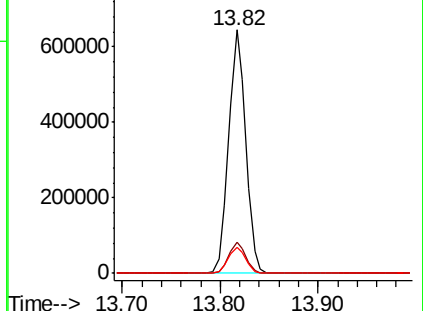
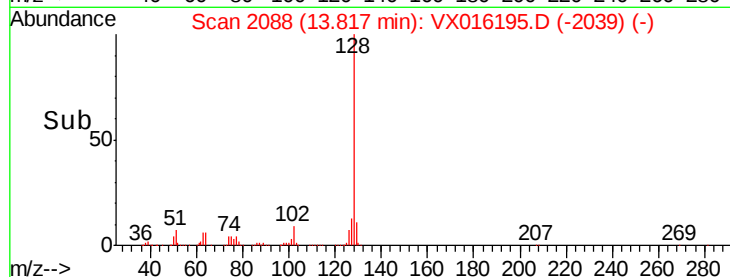
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.892 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

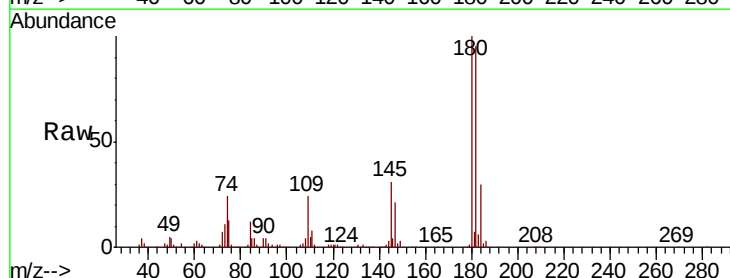
Tgt Ion:180 Resp: 227900

Ion Ratio Lower Upper

180 100

182 96.0 48.4 145.0

145 31.9 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

