

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052720\
 Data File : VX016449.D
 Acq On : 27 May 2020 15:27
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: May 27 16:00:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 15:52:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	288856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	453585	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214019	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	178977	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	
35) Dibromofluoromethane	5.46	113	138368	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
50) Toluene-d8	8.70	98	547397	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.12	95	206058	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	151974	49.930	ug/l	100
3) Chloromethane	1.31	50	171771	48.544	ug/l	100
4) Vinyl Chloride	1.39	62	184498	48.773	ug/l	100
5) Bromomethane	1.62	94	85721	45.529	ug/l	100
6) Chloroethane	1.70	64	109227	47.923	ug/l	100
7) Trichlorofluoromethane	1.91	101	246432	49.638	ug/l	100
8) Diethyl Ether	2.17	74	98462	47.275	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	134991	47.495	ug/l	100
10) Methyl Iodide	2.49	142	154128	42.028	ug/l	100
11) Tert butyl alcohol	3.02	59	236458	246.733	ug/l	100
12) 1,1-Dichloroethene	2.36	96	140316	47.144	ug/l	100
13) Acrolein	2.27	56	93770	167.710	ug/l	100
14) Allyl chloride	2.70	41	263744	48.167	ug/l	100
15) Acrylonitrile	3.12	53	494361	247.828	ug/l	100
16) Acetone	2.42	43	410010	242.645	ug/l	100
17) Carbon Disulfide	2.55	76	422273	41.707	ug/l	100
18) Methyl Acetate	2.75	43	210718	50.314	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	520831	50.301	ug/l	100
20) Methylene Chloride	2.83	84	163715	46.948	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	156678	46.923	ug/l	100
22) Diisopropyl ether	3.82	45	517957	49.813	ug/l	100
23) Vinyl Acetate	3.79	43	2324947	254.473	ug/l	100
24) 1,1-Dichloroethane	3.67	63	288706	49.659	ug/l	100
25) 2-Butanone	4.64	43	708696	258.396	ug/l	100
26) 2,2-Dichloropropane	4.55	77	226186	43.511	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	180506	49.324	ug/l	100
28) Bromochloromethane	4.98	49	124889	47.311	ug/l	100
29) Tetrahydrofuran	5.09	42	462132	254.621	ug/l	100
30) Chloroform	5.18	83	288548	49.873	ug/l	100
31) Cyclohexane	5.55	56	253383	48.473	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	263512	50.053	ug/l	100
36) 1,1-Dichloropropene	5.77	75	219493	49.060	ug/l	100
37) Ethyl Acetate	4.79	43	265758	51.170	ug/l	100
38) Carbon Tetrachloride	5.76	117	232530	50.970	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	240002	45.387	ug/l	100
40) Benzene	6.11	78	659123	50.239	ug/l	100
41) Methacrylonitrile	5.00	41	142438	50.884	ug/l	100
42) 1,2-Dichloroethane	6.17	62	234895	49.774	ug/l	100
43) Isopropyl Acetate	6.42	43	415601	50.274	ug/l	100
44) Trichloroethene	7.19	130	202671	44.282	ug/l	100
45) 1,2-Dichloropropane	7.49	63	167944	50.669	ug/l	100
46) Dibromomethane	7.64	93	112143	49.794	ug/l	100
47) Bromodichloromethane	7.88	83	235236	51.261	ug/l	100
48) Methyl methacrylate	7.74	41	201777	51.358	ug/l	100
49) 1,4-Dioxane	7.71	88	94386	1004.566	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1333405	262.773	ug/l	100
52) Toluene	8.77	92	417387	51.046	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	269480	49.428	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	283933	49.826	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	164487	51.180	ug/l	100
56) Ethyl methacrylate	9.16	69	278223	52.892	ug/l	100
57) 1,3-Dichloropropane	9.35	76	285909	50.938	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	701982	252.191	ug/l	100
59) 2-Hexanone	9.48	43	1048837	262.800	ug/l	100
60) Dibromochloromethane	9.57	129	189416	53.299	ug/l	100
61) 1,2-Dibromoethane	9.65	107	177450	51.122	ug/l	100
64) Tetrachloroethene	9.32	164	236945	46.329	ug/l	100
65) Chlorobenzene	10.12	112	442626	50.117	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	168241	51.448	ug/l	100
67) Ethyl Benzene	10.24	91	799954	50.791	ug/l	100
68) m/p-Xylenes	10.34	106	600420	101.984	ug/l	100
69) o-Xylene	10.68	106	286147	50.605	ug/l	100
70) Styrene	10.70	104	506557	52.554	ug/l	100
71) Bromoform	10.84	173	148418	55.279	ug/l	100
73) Isopropylbenzene	11.00	105	767450	49.454	ug/l	100
74) N-amyl acetate	10.88	43	358999	49.594	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	196235	67.817	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	317565	65.478	ug/l	84
77) Bromobenzene	11.24	156	196068	48.756	ug/l	100
78) n-propylbenzene	11.34	91	865953	48.083	ug/l	100
79) 2-Chlorotoluene	11.40	91	521655	48.818	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	649890	49.534	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	97065	48.286	ug/l	100
82) 4-Chlorotoluene	11.49	91	617002	48.935	ug/l	100
83) tert-Butylbenzene	11.76	119	556882	49.210	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	655683	49.430	ug/l	100
85) sec-Butylbenzene	11.93	105	690929	45.881	ug/l	100
86) p-Isopropyltoluene	12.05	119	653938	46.685	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	343702	47.738	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	348450	47.682	ug/l	100
89) n-Butylbenzene	12.37	91	546808	43.116	ug/l	100
90) Hexachloroethane	12.58	117	112014	46.716	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	329792	47.600	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61587	48.195	ug/l	100

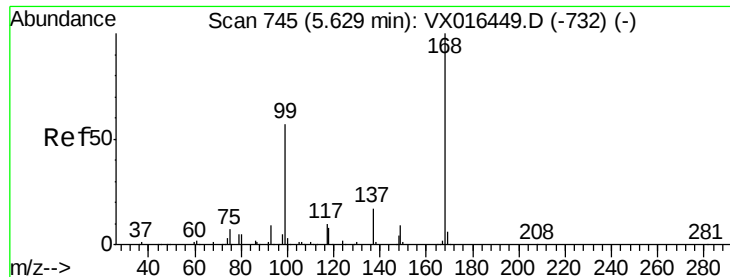
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	223903	44.049	ug/l	100
94) Hexachlorobutadiene	13.77	225	83979	36.700	ug/l	100
95) Naphthalene	13.82	128	780542	47.249	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	215164	43.639	ug/l	100

(#) = 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. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

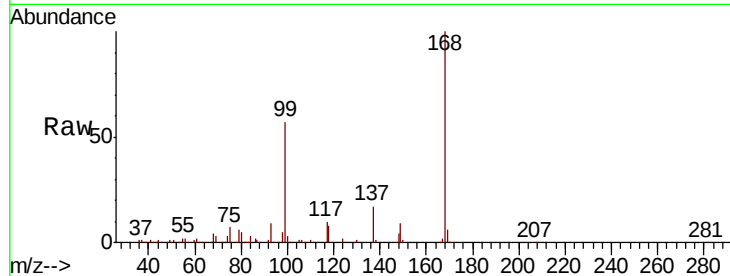
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:168 Resp: 288856

Ion Ratio Lower Upper

168 100

99 56.5 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

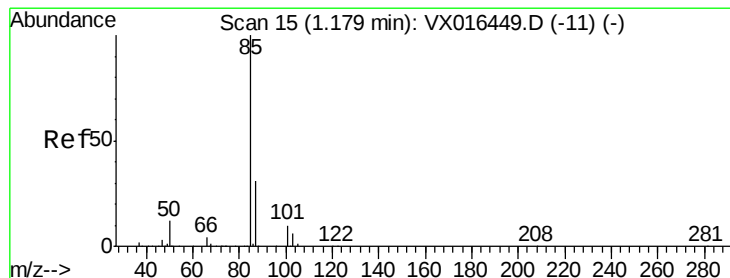
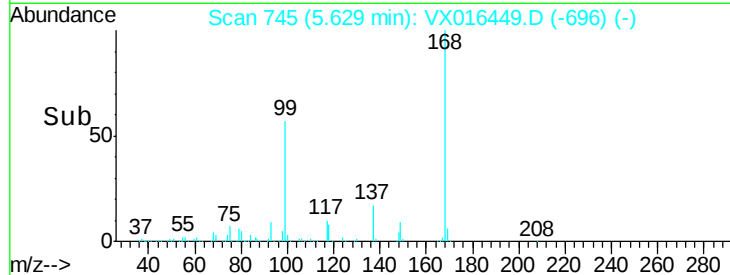
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.930 ug/l

RT: 1.18 min Scan# 15

Delta R.T. 0.00 min

Lab File: VX016449.D

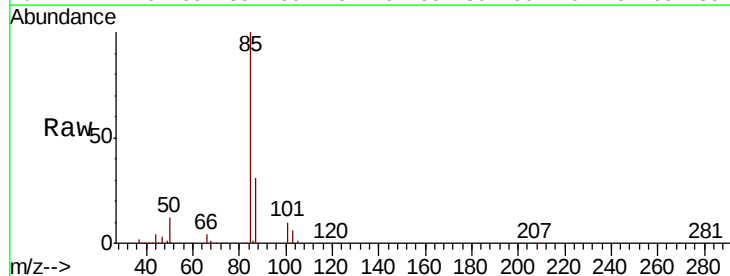
Acq: 27 May 2020 15:27

Tgt Ion: 85 Resp: 151974

Ion Ratio Lower Upper

85 100

87 30.8 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

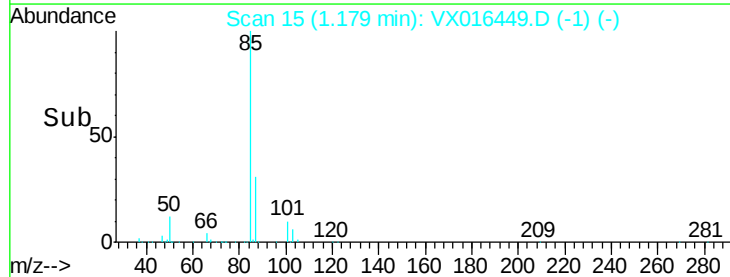
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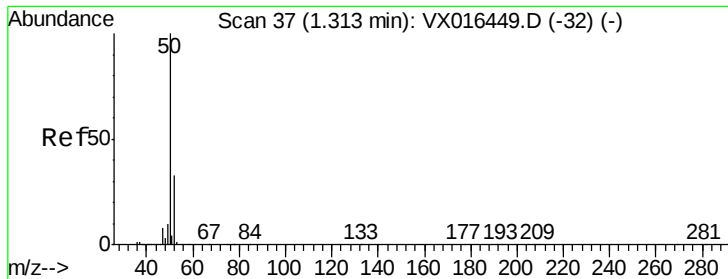
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50000

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Time-->





#3

Chloromethane

Concen: 48.544 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

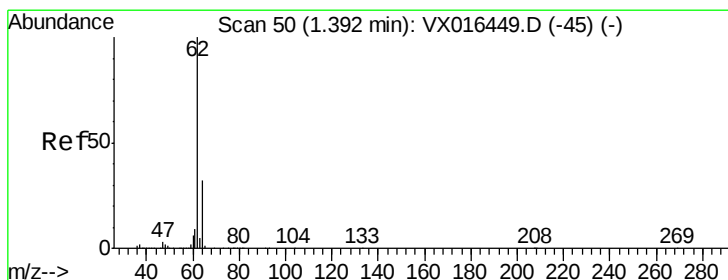
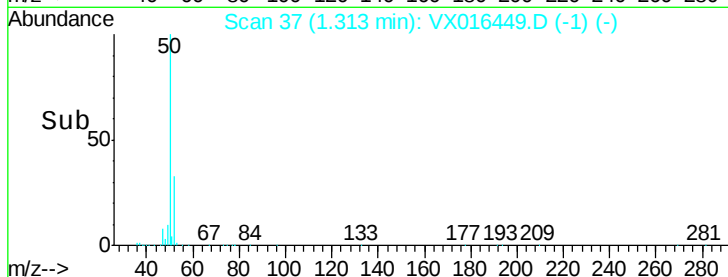
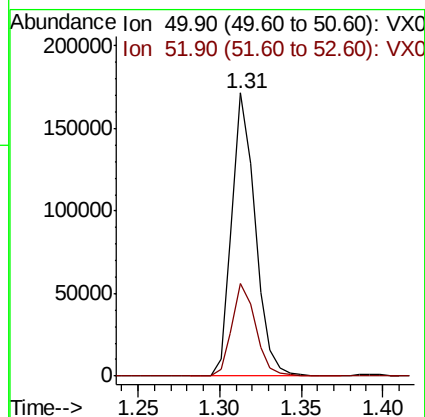
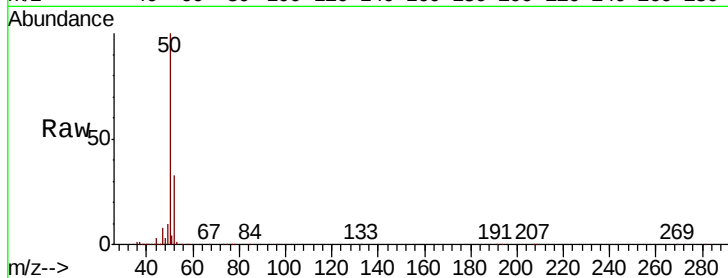
VSTDICCC050

Tot Ion: 50 Resp: 171771

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 48.773 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016449.D

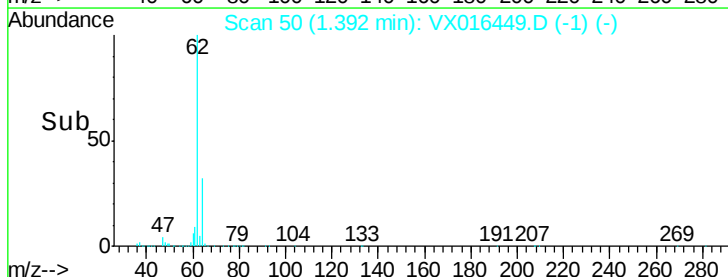
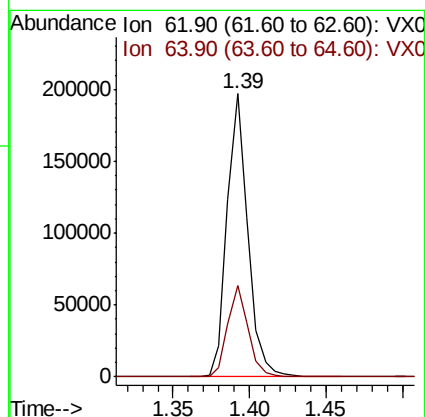
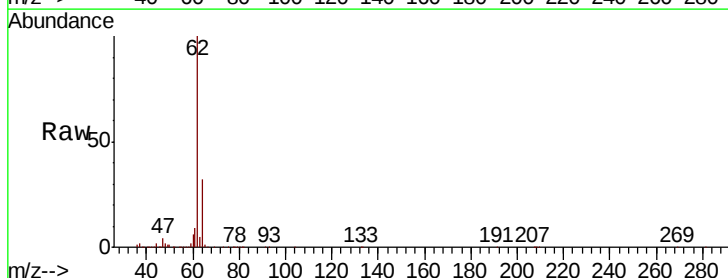
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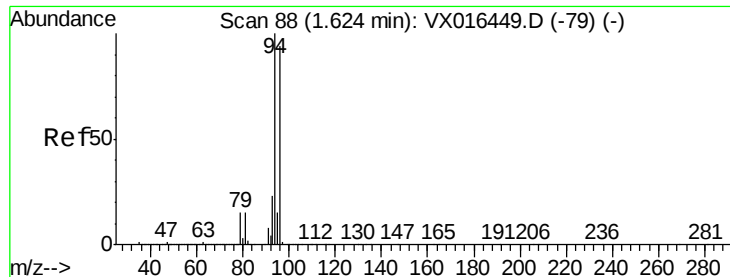
Tgt Ion: 62 Resp: 184498

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9

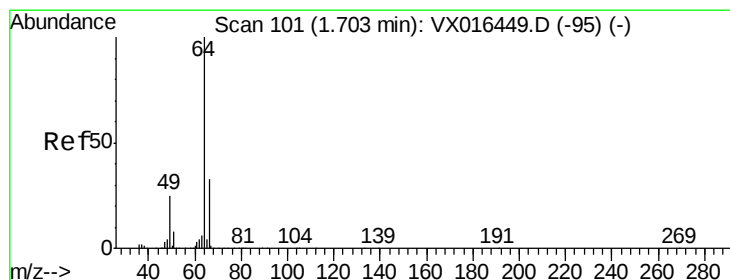
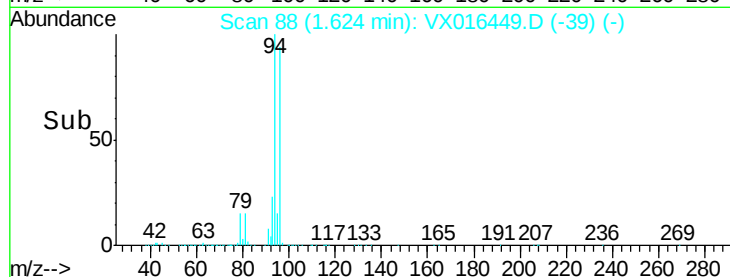
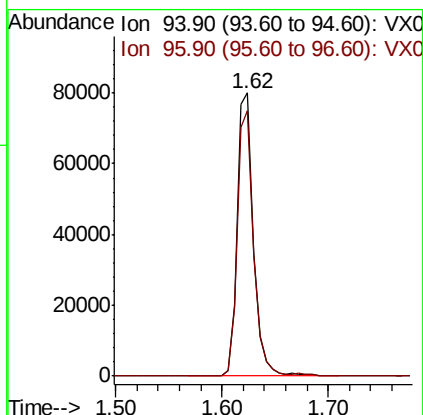
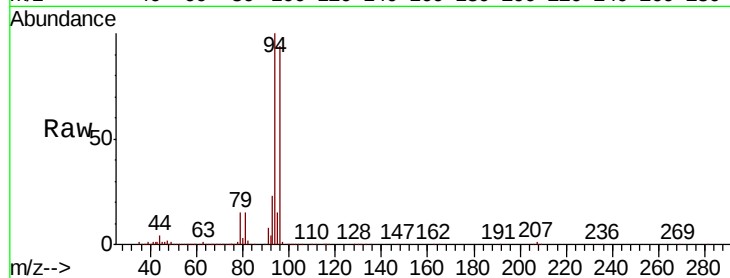




#5
Bromomethane
Concen: 45.529 ug/l
RT: 1.62 min Scan# 88
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

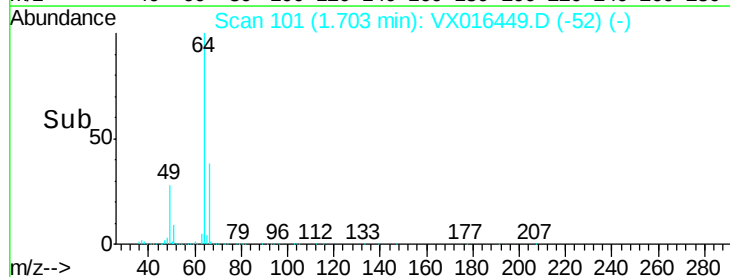
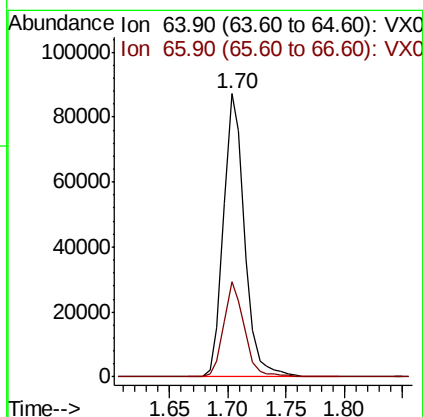
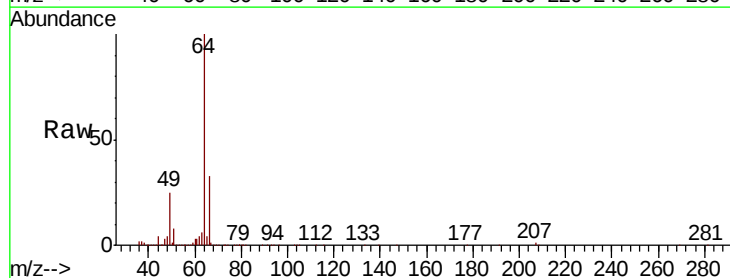
Instrument :
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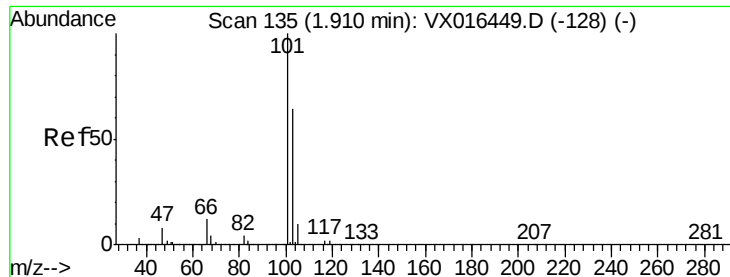
Tot Ion: 94 Resp: 85721
Ion Ratio Lower Upper
94 100
96 93.9 75.1 112.7



#6
Chloroethane
Concen: 47.923 ug/l
RT: 1.70 min Scan# 101
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

Tgt Ion: 64 Resp: 109227
Ion Ratio Lower Upper
64 100
66 33.4 26.7 40.1



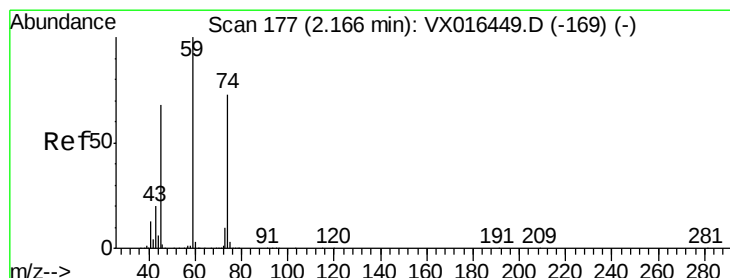
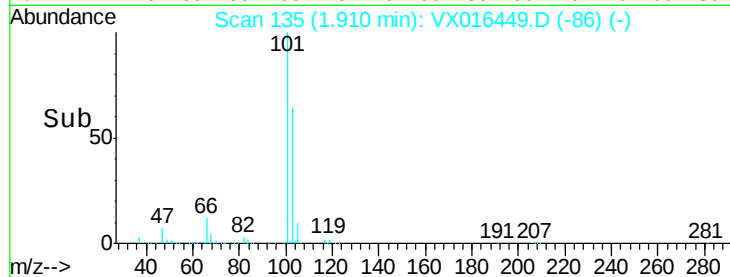
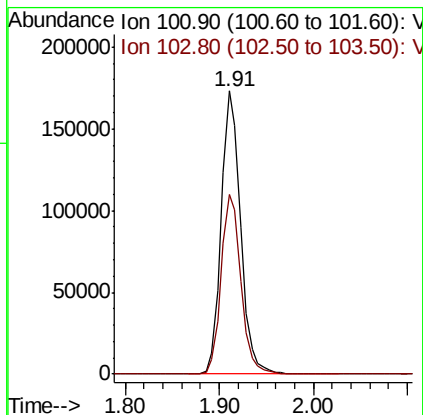
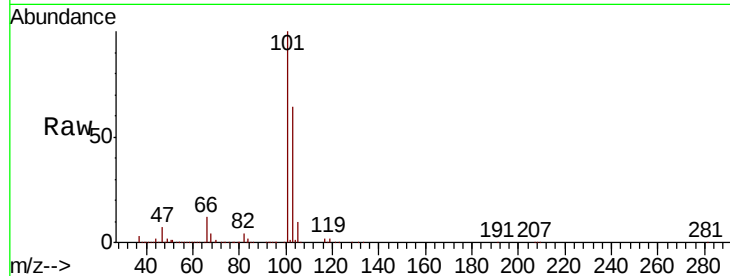


#7

Trichlorofluoromethane
Concen: 49.638 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

Instrument :
MSVOA_X
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VSTDICCC050

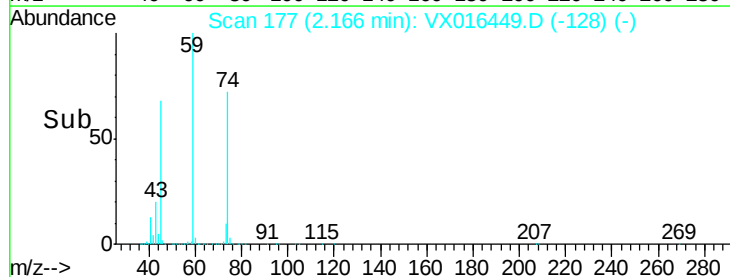
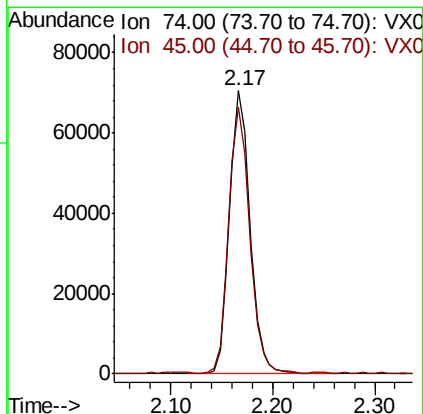
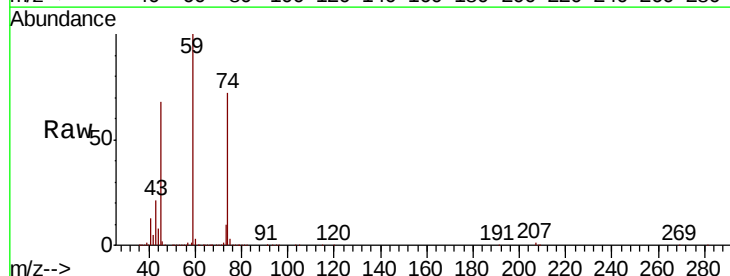
Tot Ion:101 Resp: 246432
Ion Ratio Lower Upper
101 100
103 63.6 50.9 76.3



#8

Diethyl Ether
Concen: 47.275 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

Tgt Ion: 74 Resp: 98462
Ion Ratio Lower Upper
74 100
45 95.0 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.495 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

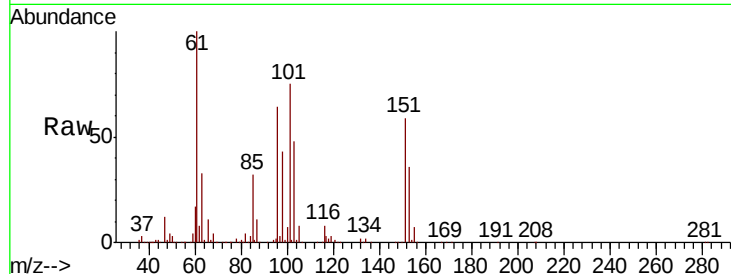
Tot Ion:101 Resp: 134991

Ion Ratio Lower Upper

101 100

85 43.0 34.4 51.6

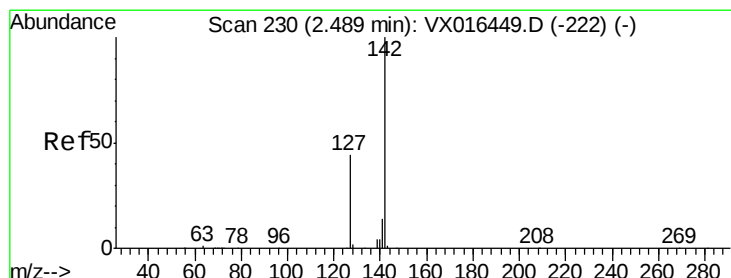
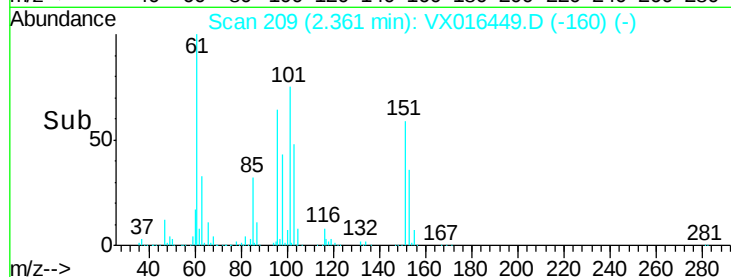
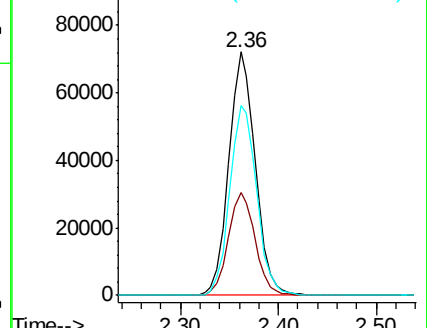
151 79.7 63.8 95.6



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: 42.028 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

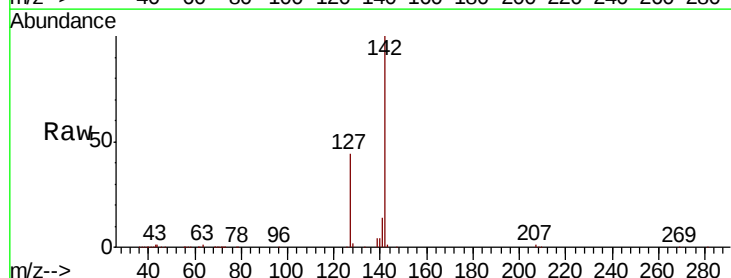
Tgt Ion:142 Resp: 154128

Ion Ratio Lower Upper

142 100

127 44.1 35.3 52.9

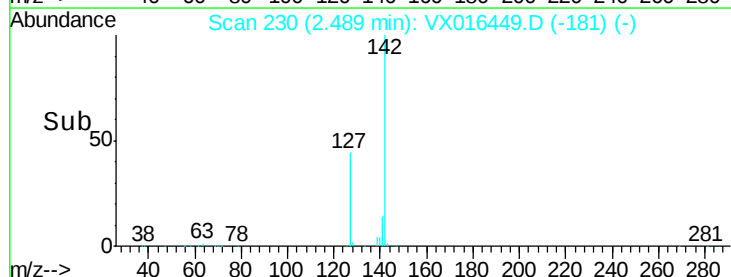
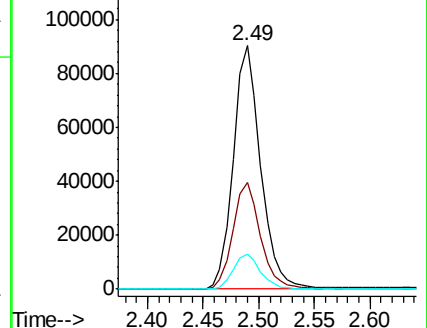
141 14.3 11.4 17.2

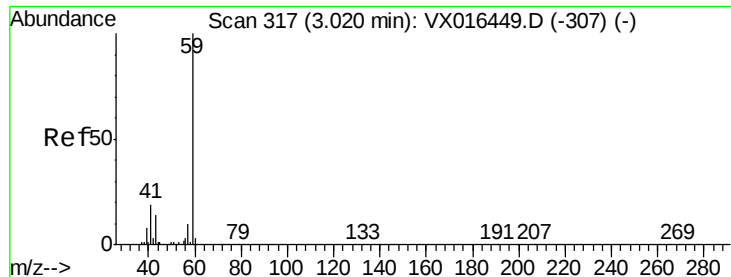


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

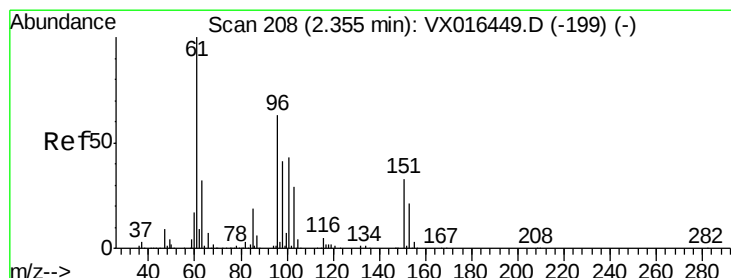
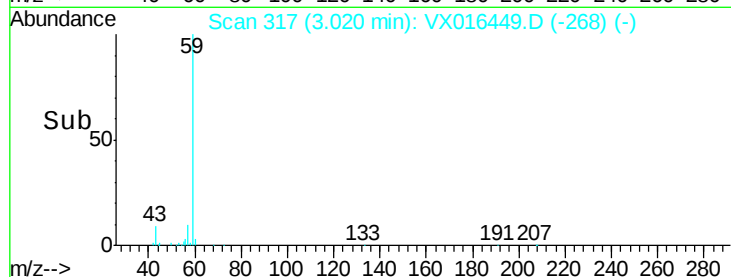
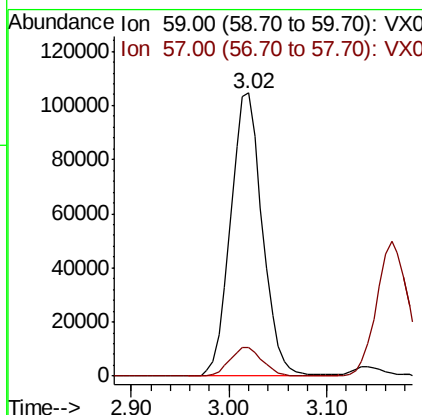
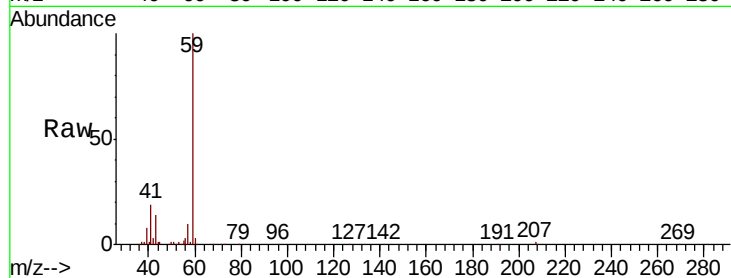




#11
Tert butyl alcohol
Concen: 246.733 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

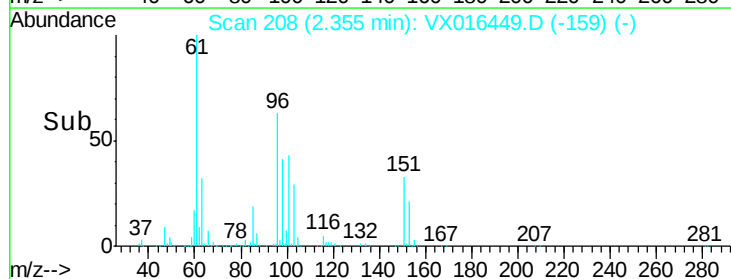
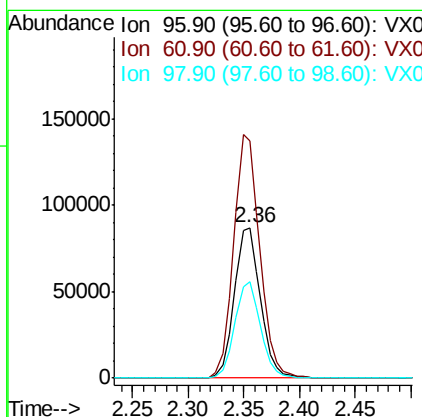
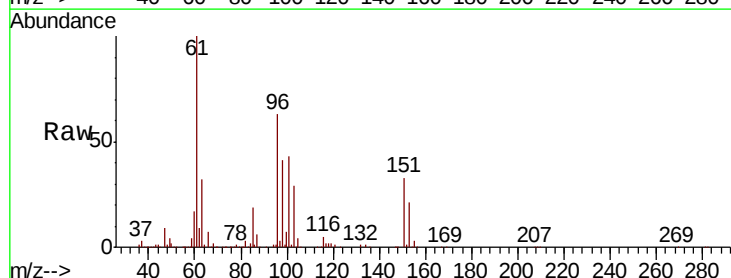
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

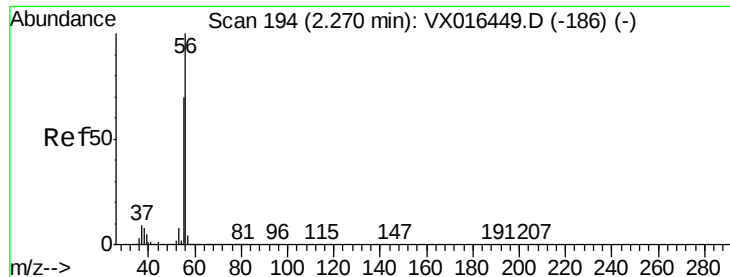
Tot Ion: 59 Resp: 236458
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.144 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

Tgt Ion: 96 Resp: 140316
Ion Ratio Lower Upper
96 100
61 158.2 126.6 189.8
98 64.1 51.3 76.9





#13

Acrolein

Concen: 167.710 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

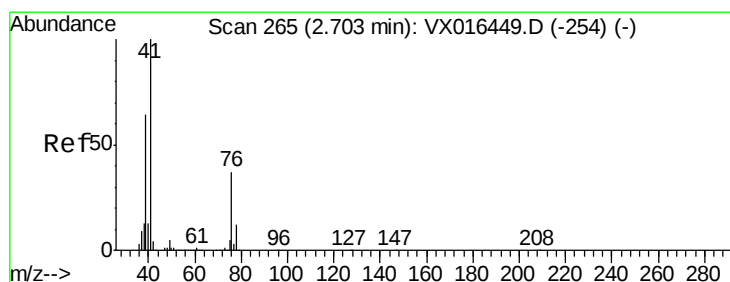
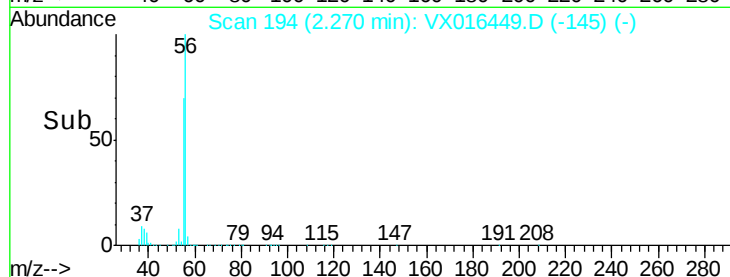
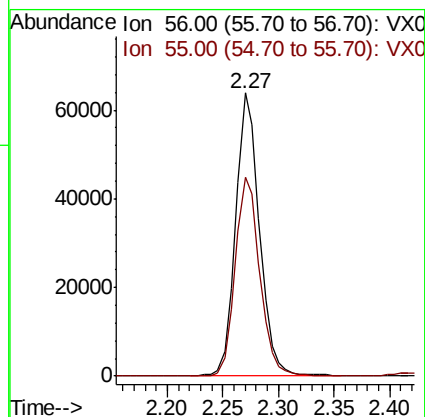
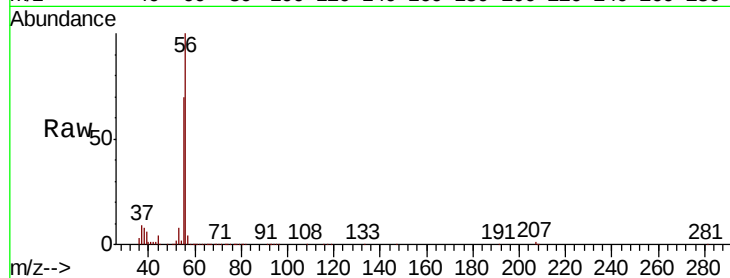
VSTDICCC050

Tot Ion: 56 Resp: 93770

Ion Ratio Lower Upper

56 100

55 72.9 58.3 87.5



#14

Allyl chloride

Concen: 48.167 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

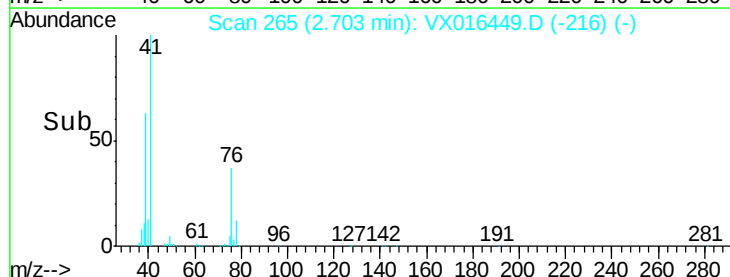
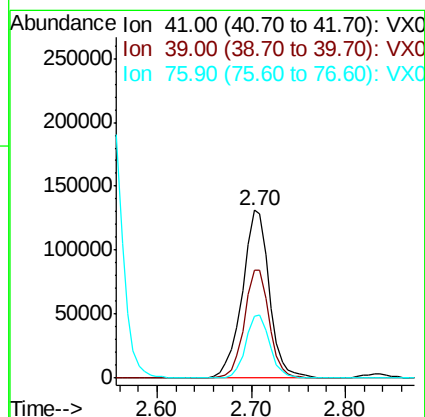
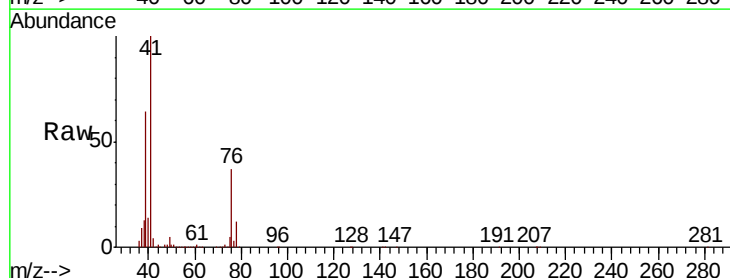
Tgt Ion: 41 Resp: 263744

Ion Ratio Lower Upper

41 100

39 59.6 47.7 71.5

76 33.3 26.6 40.0





#15

Acrylonitrile

Concen: 247.828 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

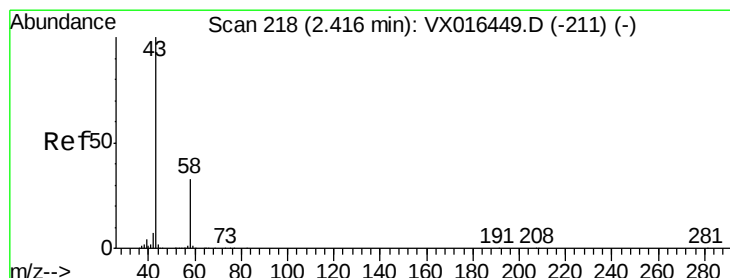
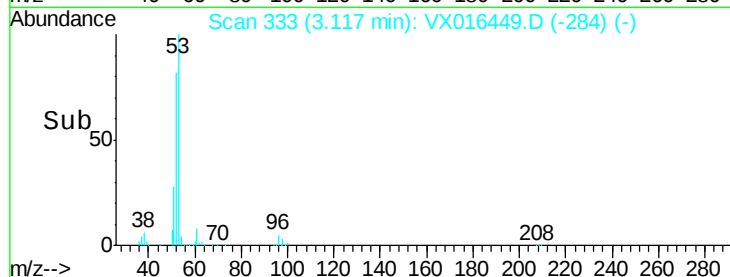
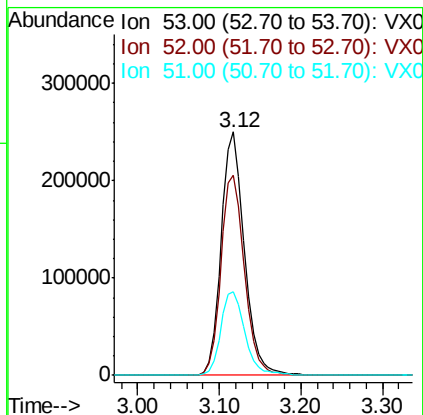
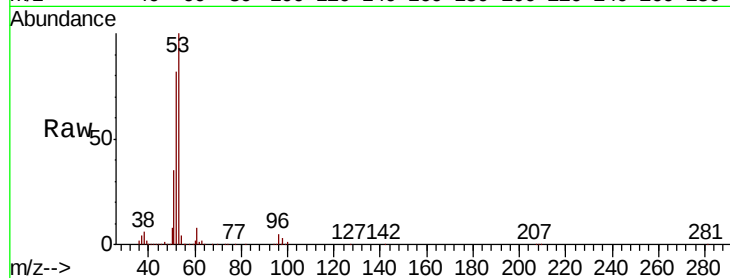
Tot Ion: 53 Resp: 494361

Ion Ratio Lower Upper

53 100

52 83.4 66.7 100.1

51 35.8 28.6 43.0



#16

Acetone

Concen: 242.645 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016449.D

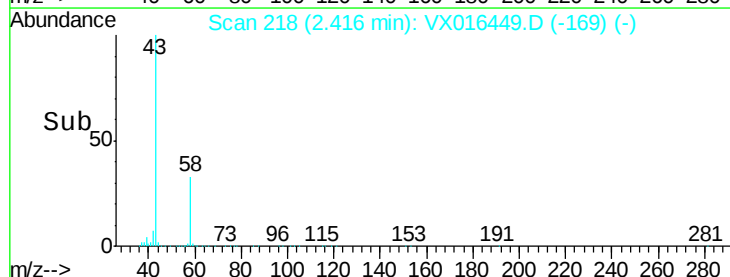
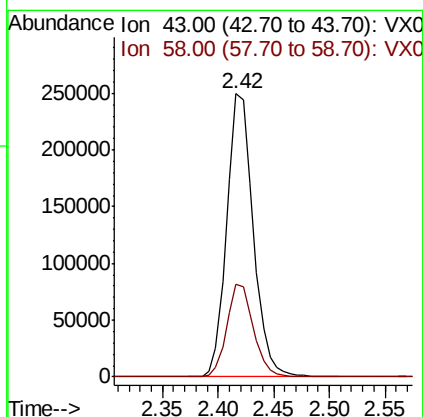
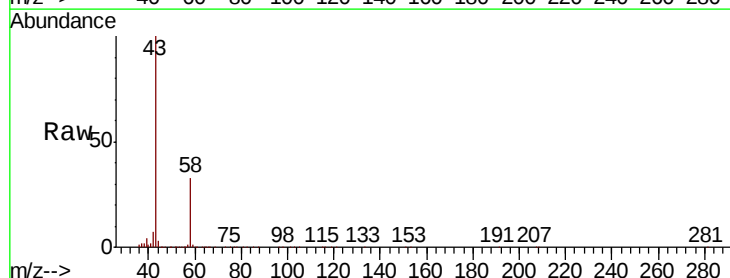
Acq: 27 May 2020 15:27

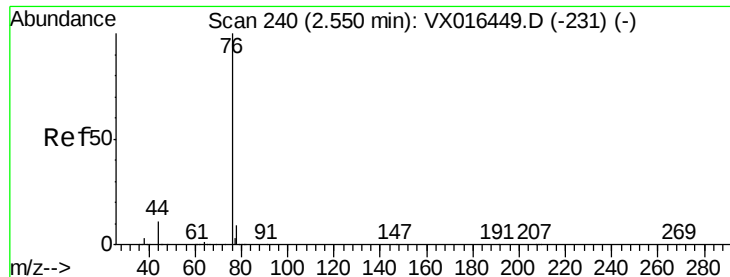
Tgt Ion: 43 Resp: 410010

Ion Ratio Lower Upper

43 100

58 32.6 26.1 39.1





#17

Carbon Disulfide

Concen: 41.707 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

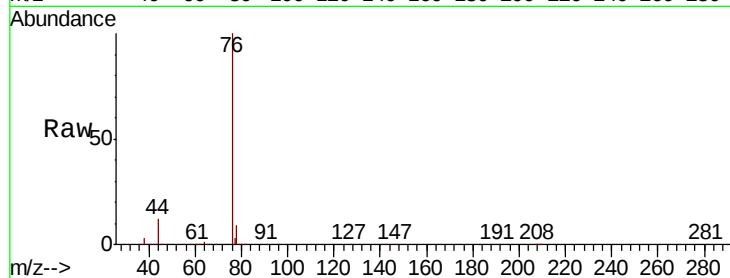
VSTDICCC050

Tot Ion: 76 Resp: 422273

Ion Ratio Lower Upper

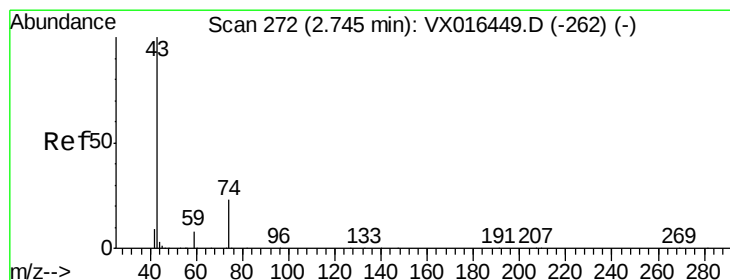
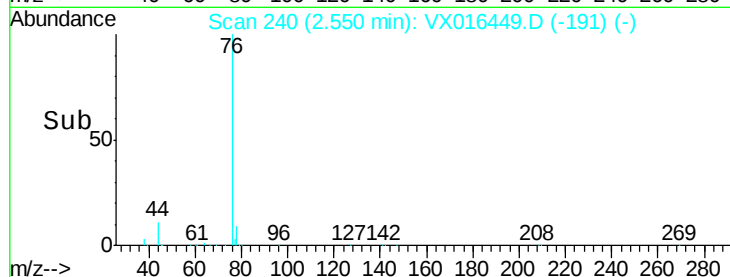
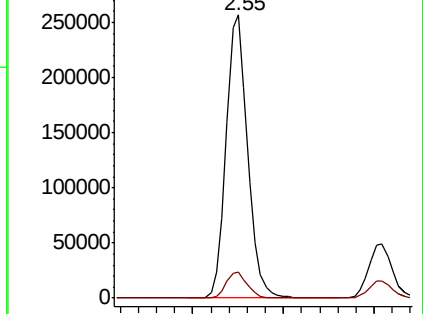
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.314 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016449.D

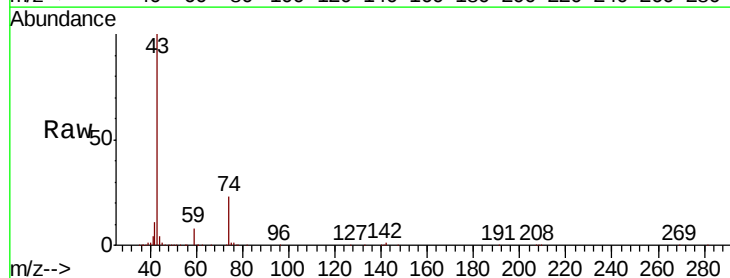
Acq: 27 May 2020 15:27

Tgt Ion: 43 Resp: 210718

Ion Ratio Lower Upper

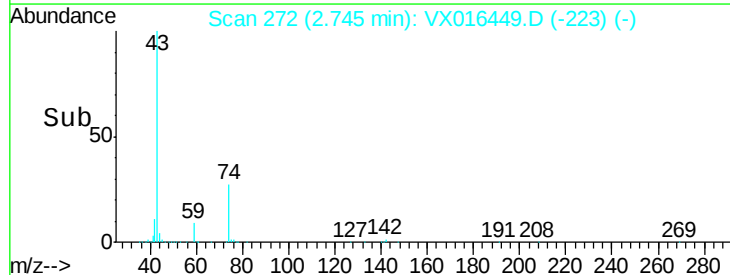
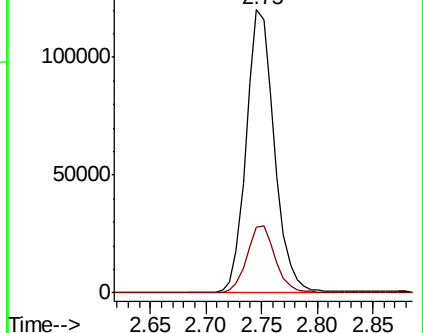
43 100

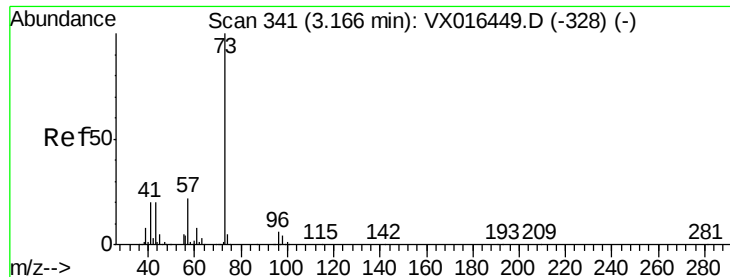
74 24.6 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



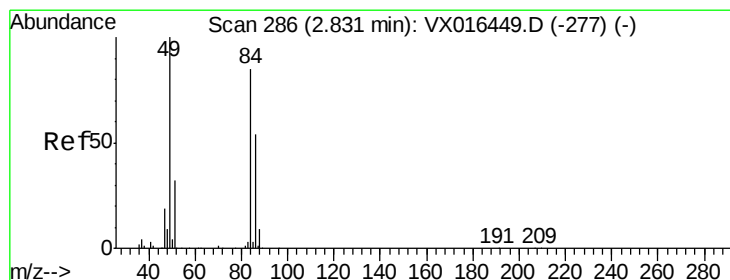
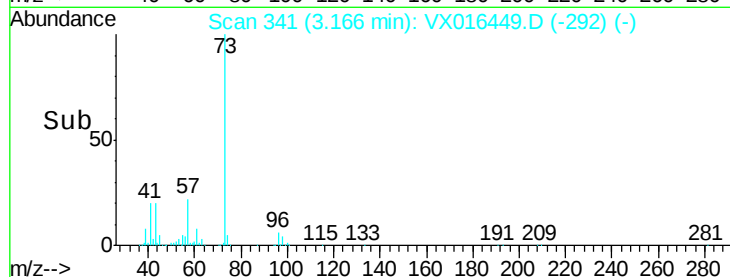
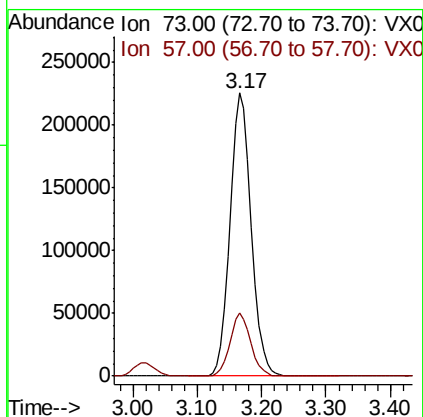
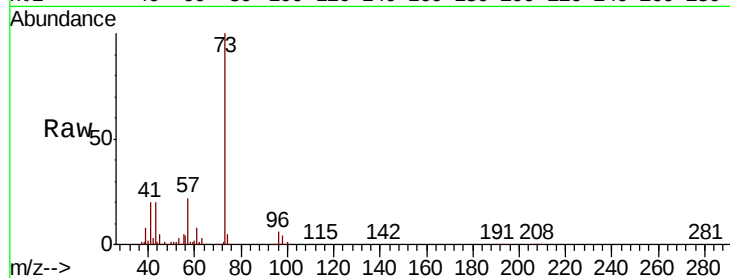


#19

Methyl tert-butyl Ether
 Concen: 50.301 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016449.D
 Acq: 27 May 2020 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

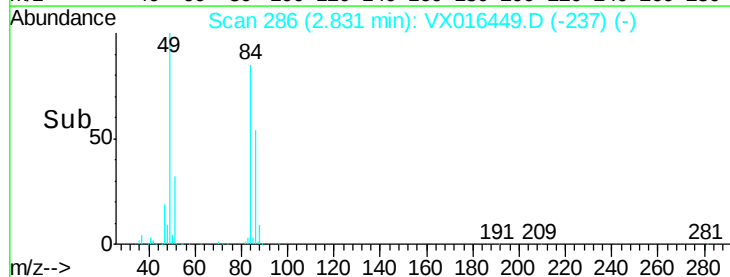
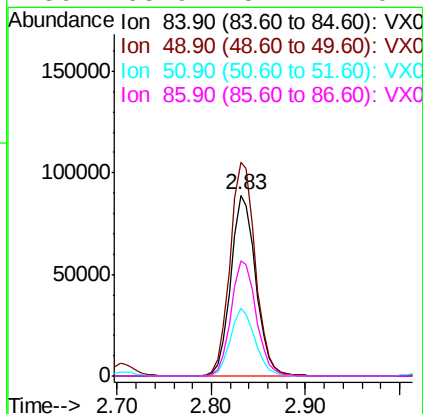
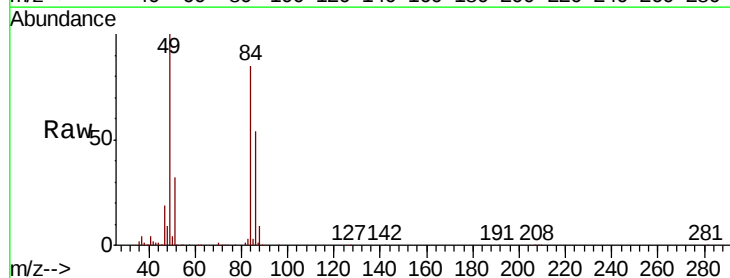
Tot Ion: 73 Resp: 520831
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.8 26.6

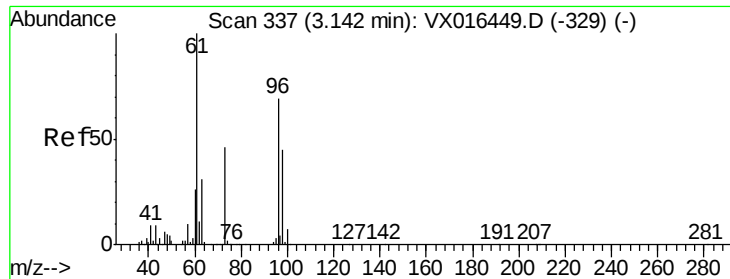


#20

Methylene Chloride
 Concen: 46.948 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX016449.D
 Acq: 27 May 2020 15:27

Tgt Ion: 84 Resp: 163715
 Ion Ratio Lower Upper
 84 100
 49 118.1 94.5 141.7
 51 37.8 30.2 45.4
 86 63.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.923 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

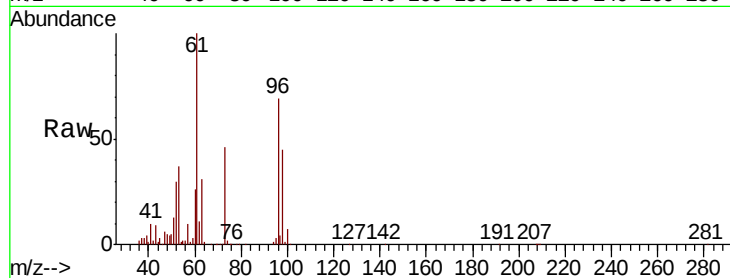
Tot Ion: 96 Resp: 156678

Ion Ratio Lower Upper

96 100

61 144.1 115.3 172.9

98 64.9 51.9 77.9

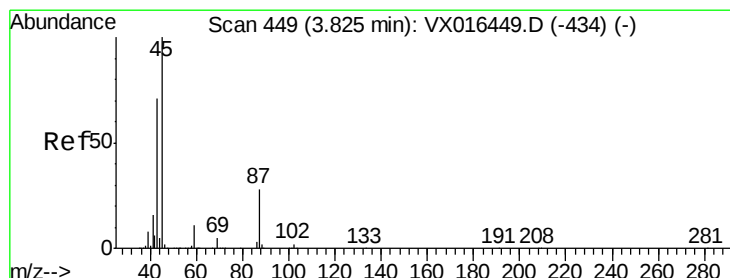
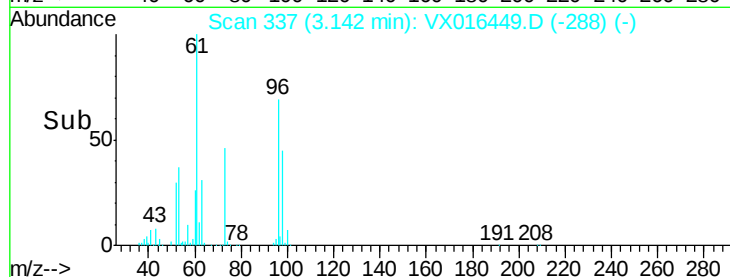
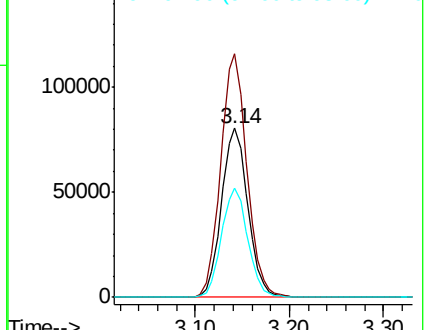


Abundance

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: 49.813 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Tgt Ion: 45 Resp: 517957

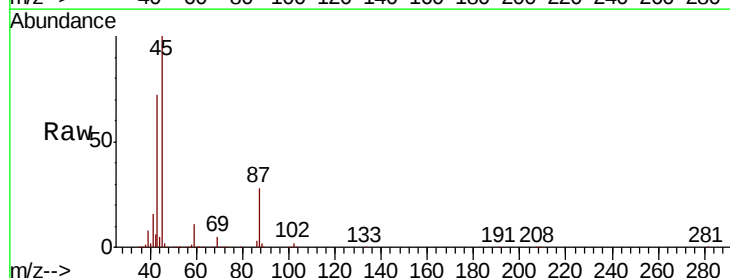
Ion Ratio Lower Upper

45 100

43 71.3 57.0 85.6

87 28.1 22.5 33.7

59 11.4 9.1 13.7



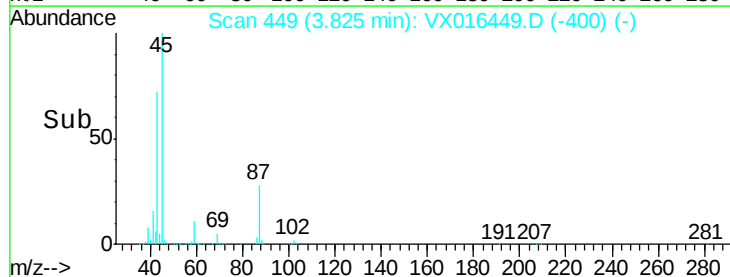
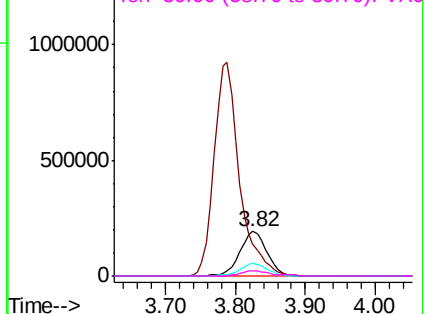
Abundance

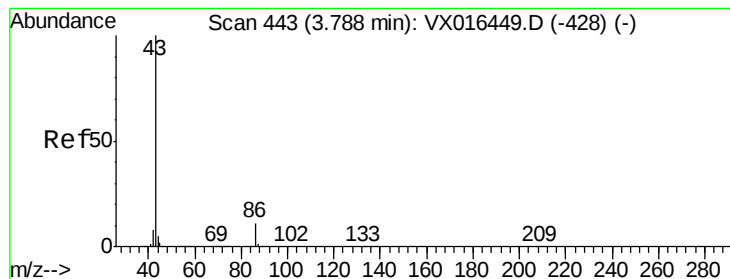
Ion 45.00 (44.70 to 45.70): VX0

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: 254.473 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

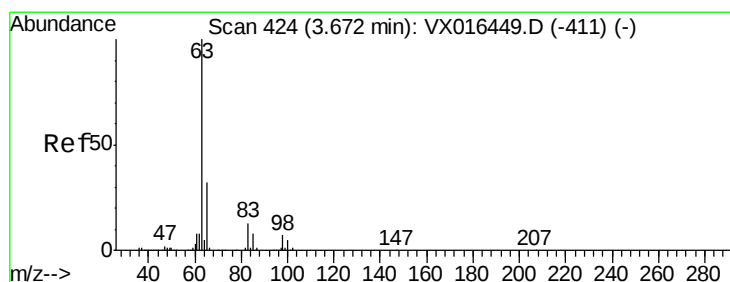
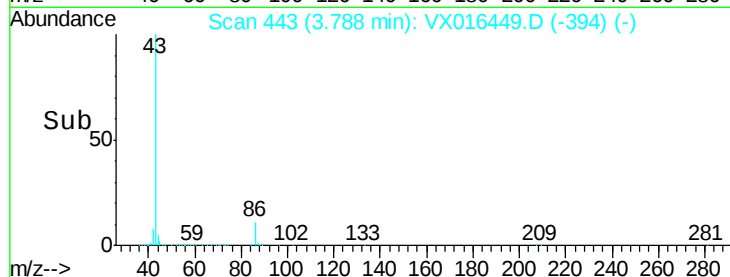
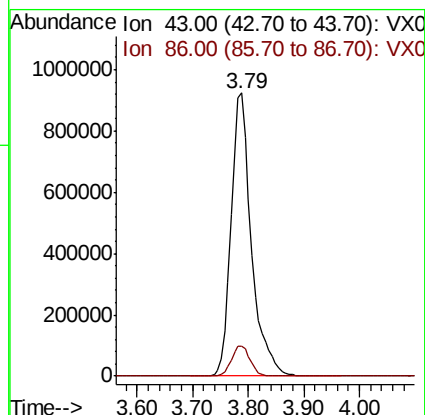
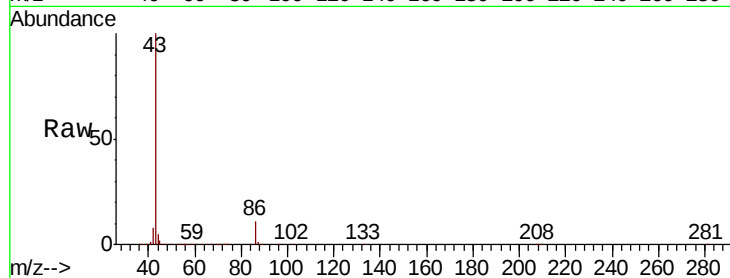
VSTDICCC050

Tot Ion: 43 Resp: 2324947

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



#24

1,1-Dichloroethane

Concen: 49.659 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

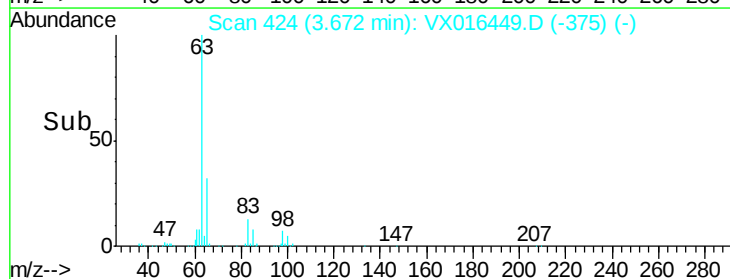
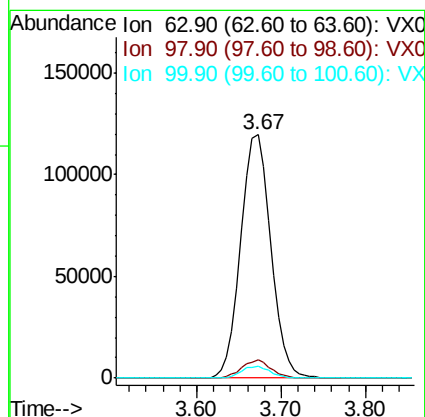
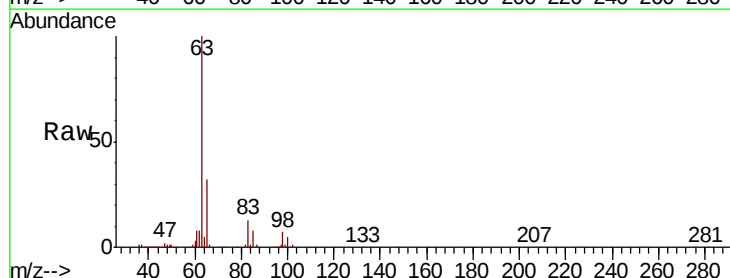
Tgt Ion: 63 Resp: 288706

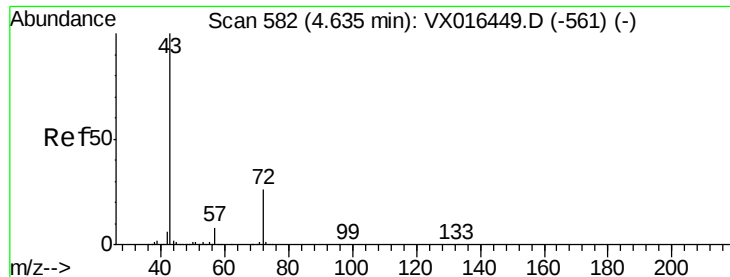
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 258.396 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

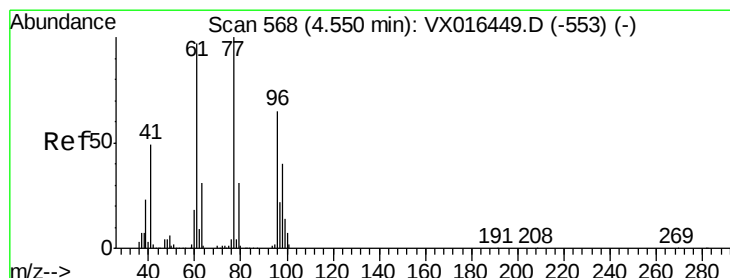
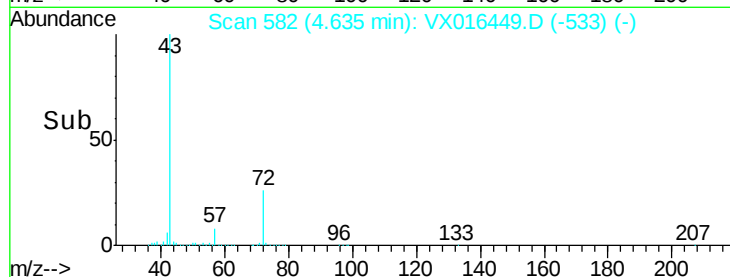
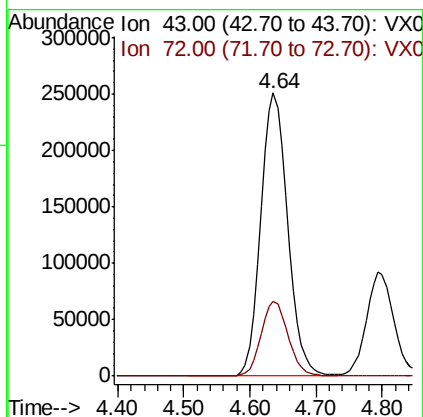
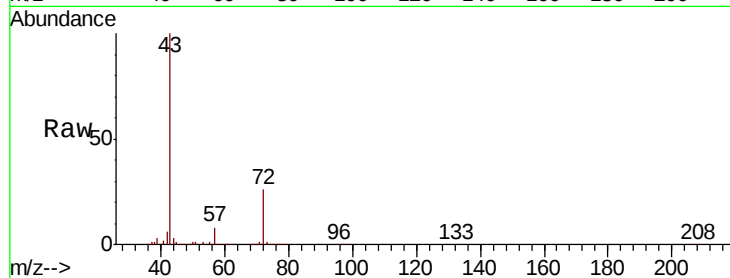
VSTDICCC050

Tot Ion: 43 Resp: 708696

Ion Ratio Lower Upper

43 100

72 26.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 43.511 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016449.D

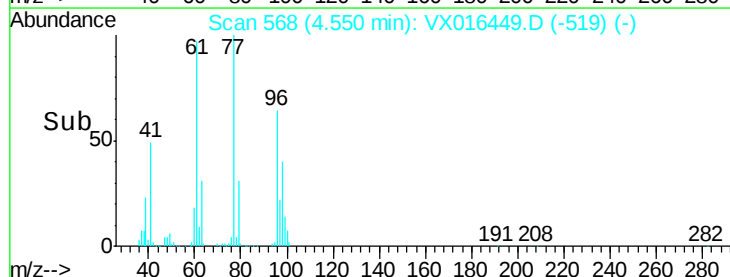
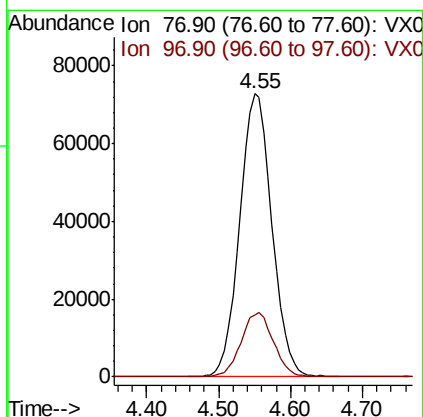
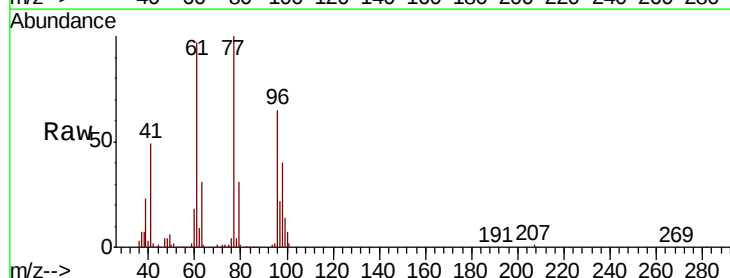
Acq: 27 May 2020 15:27

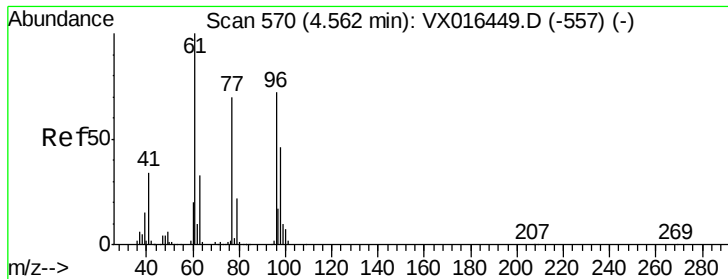
Tgt Ion: 77 Resp: 226186

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4



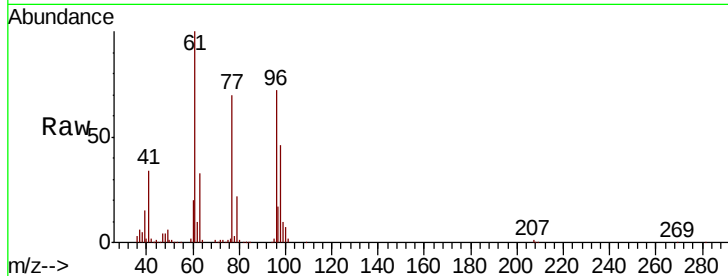


#27

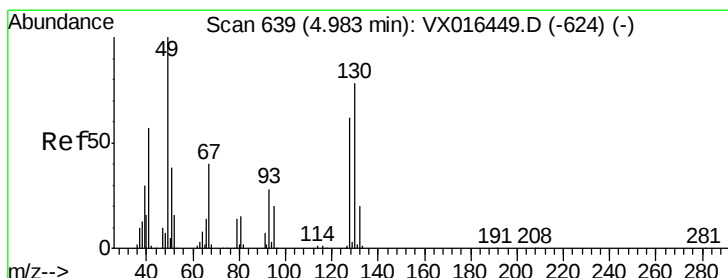
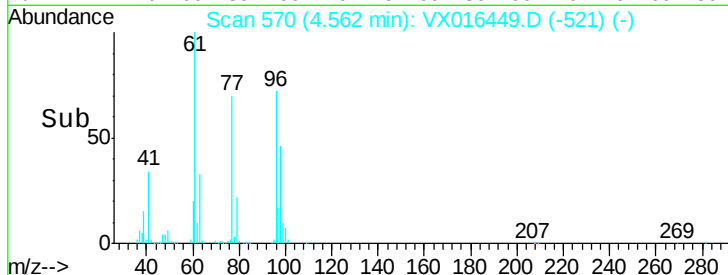
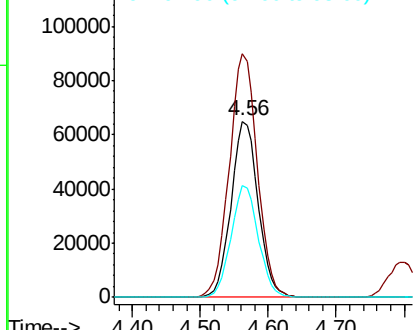
cis-1,2-Dichloroethene
Concen: 49.324 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	284.6
98	63.6	0.0	127.2



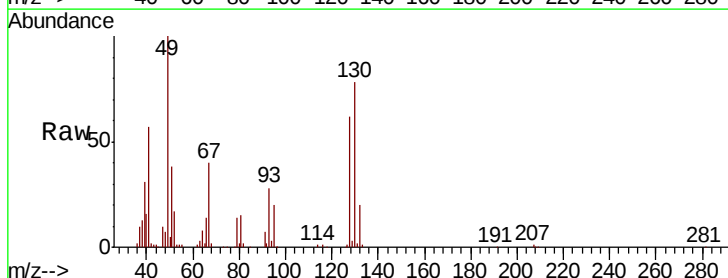
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



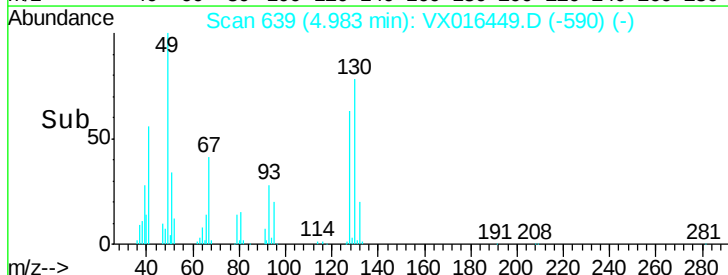
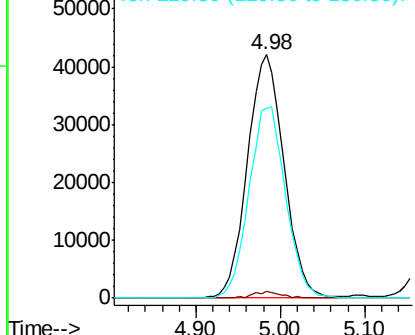
#28

Bromochloromethane
Concen: 47.311 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	78.7	63.0	94.4



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: 254.621 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

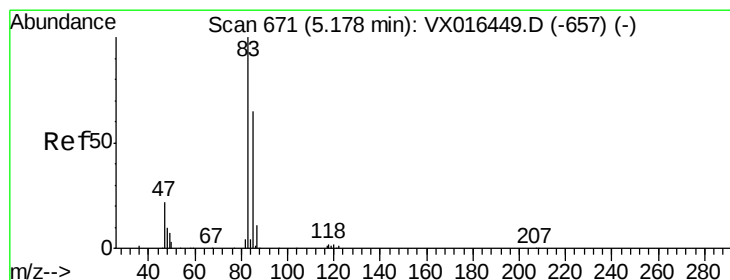
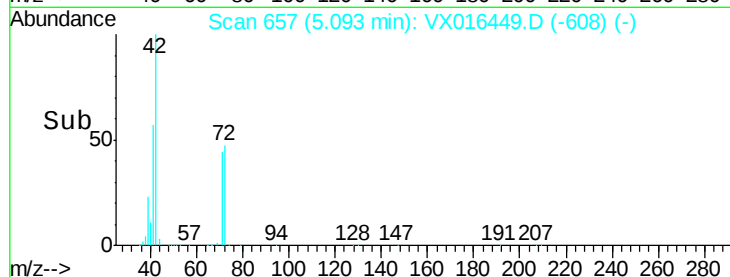
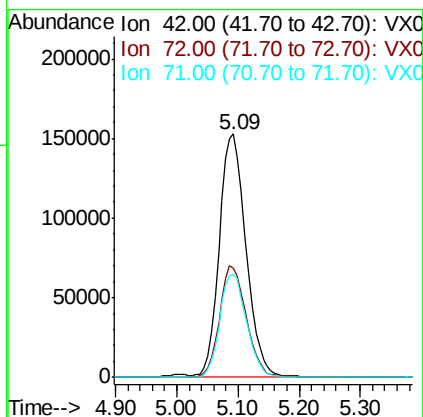
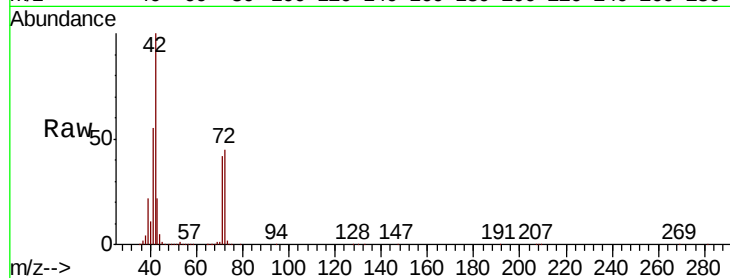
Tot Ion: 42 Resp: 462132

Ion Ratio Lower Upper

42 100

72 46.2 37.0 55.4

71 42.6 34.1 51.1



#30

Chloroform

Concen: 49.873 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016449.D

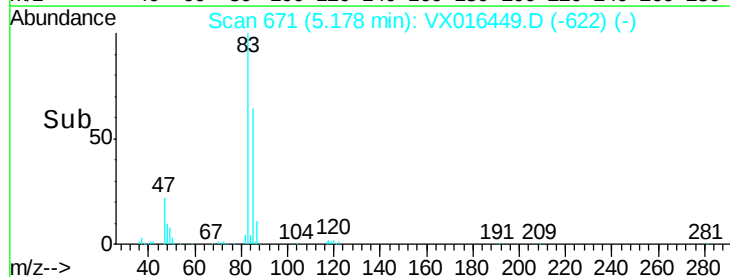
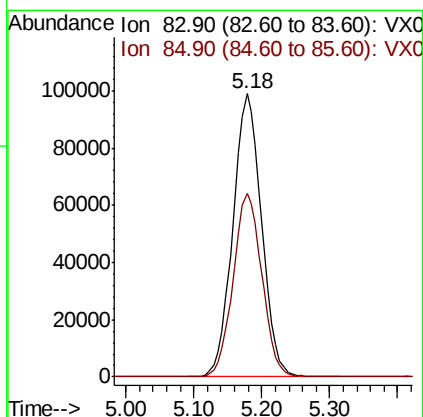
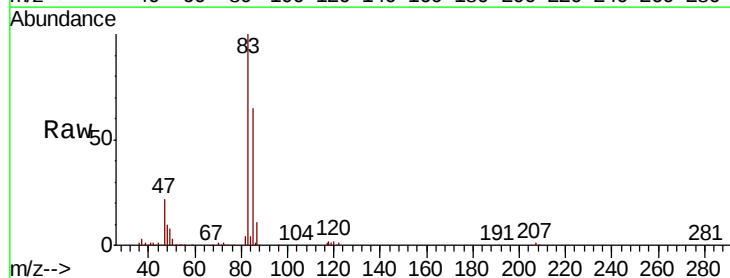
Acq: 27 May 2020 15:27

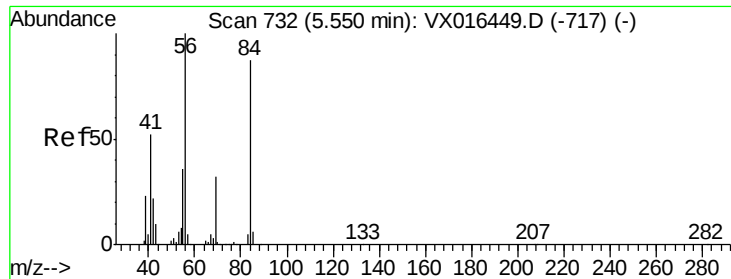
Tgt Ion: 83 Resp: 288548

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0

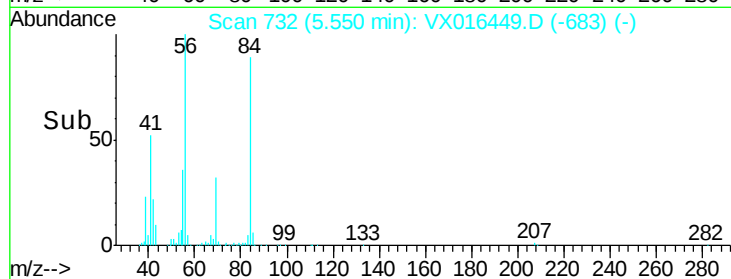
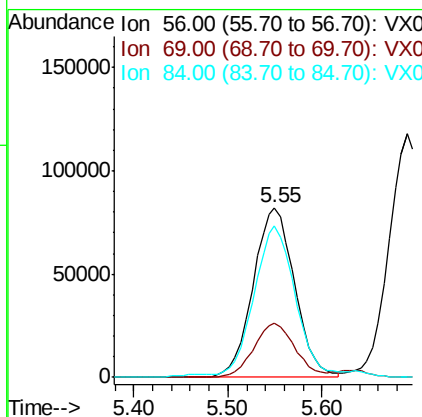
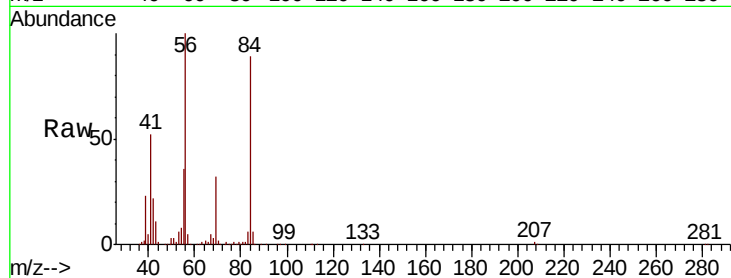




#31
Cyclohexane
Concen: 48.473 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

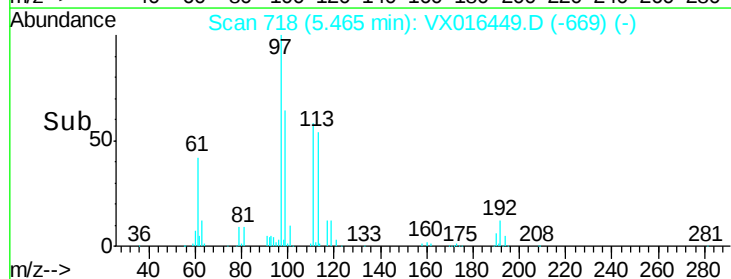
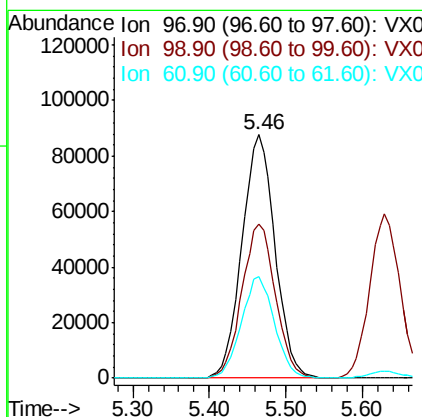
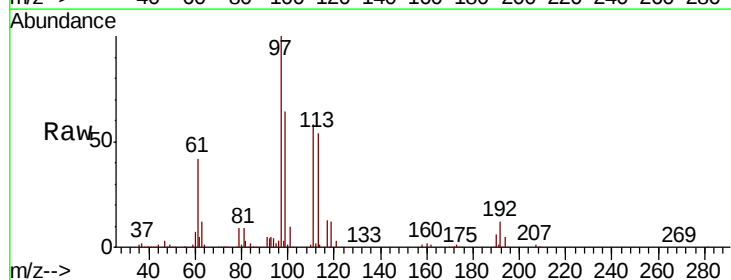
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 56 Resp: 253383
Ion Ratio Lower Upper
56 100
69 32.1 25.7 38.5
84 87.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.053 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

Tgt Ion: 97 Resp: 263512
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 41.9 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 47.033 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

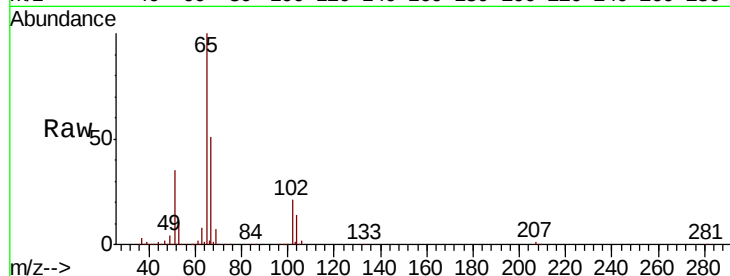
VSTDICCC050

Tot Ion: 65 Resp: 178977

Ion Ratio Lower Upper

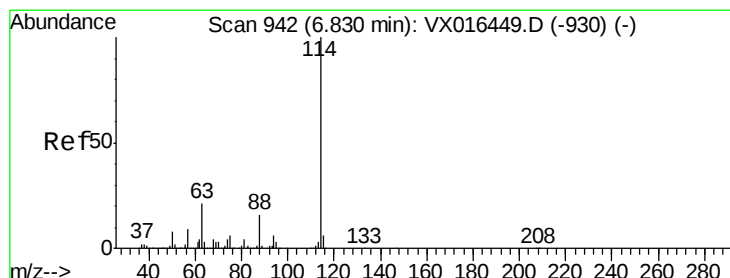
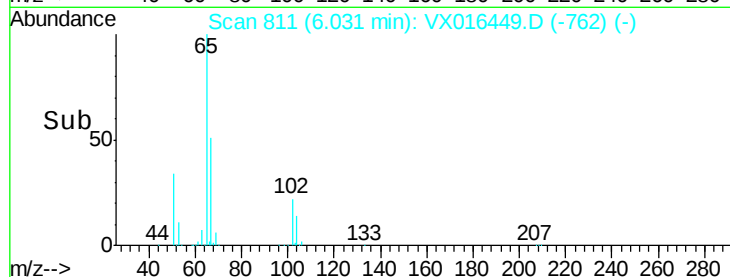
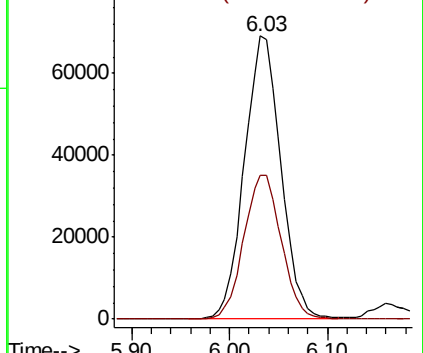
65 100

67 52.4 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

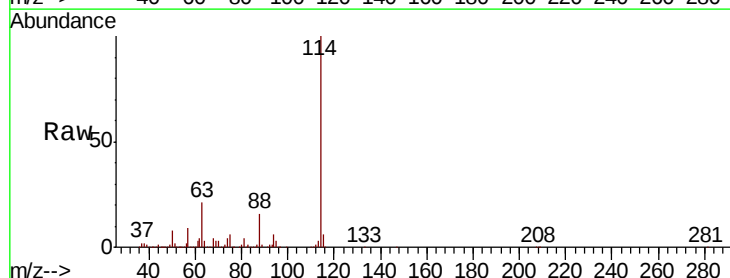
Tgt Ion: 114 Resp: 453585

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

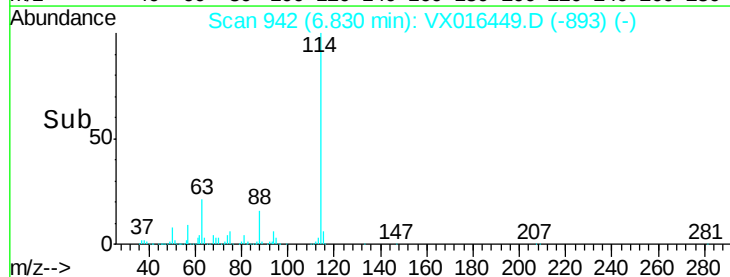
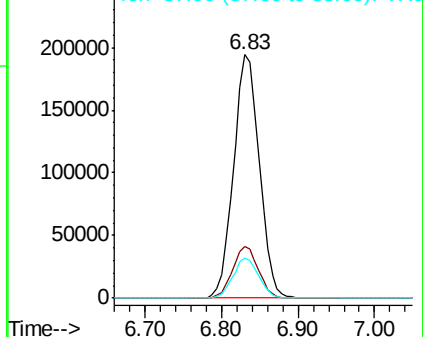
88 16.4 0.0 32.8

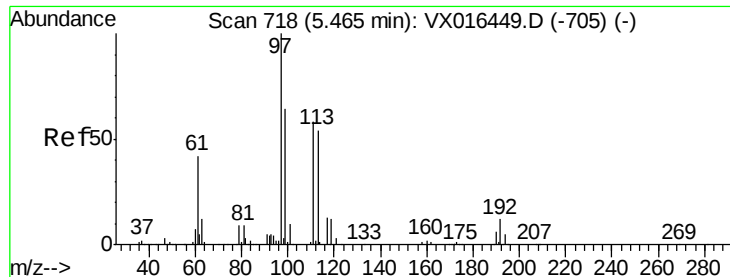


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

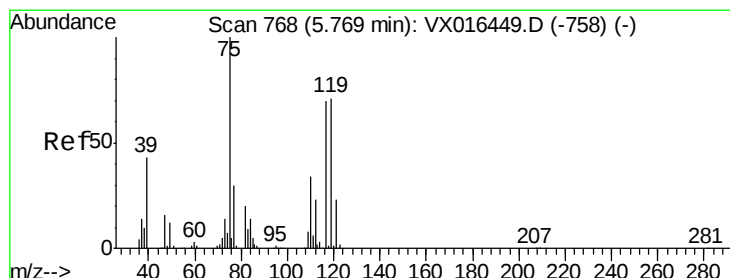
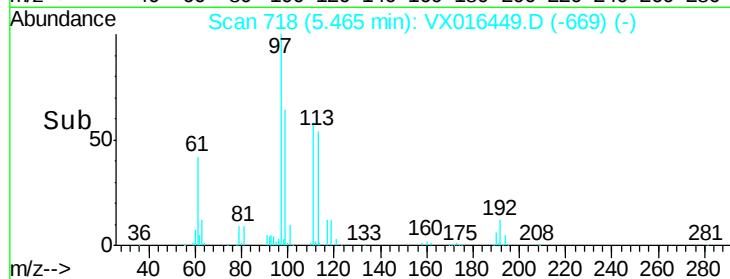
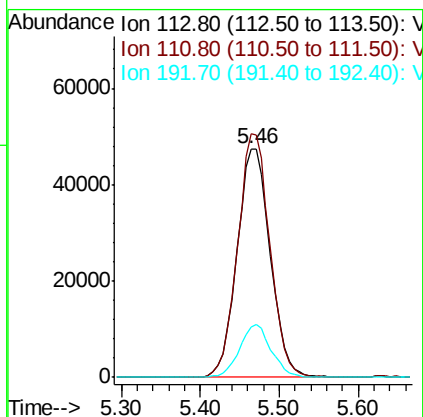
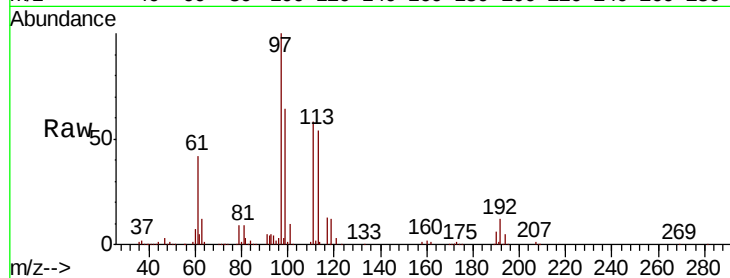




#35
 Dibromofluoromethane
 Concen: 47.957 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016449.D
 Acq: 27 May 2020 15:27

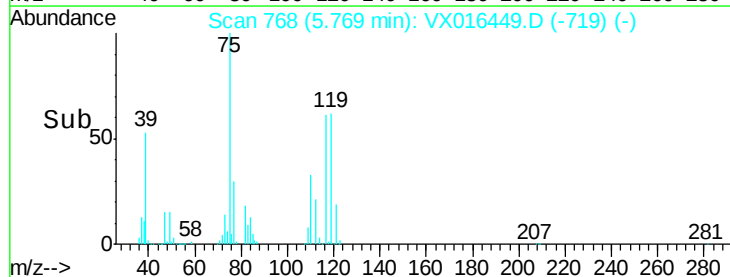
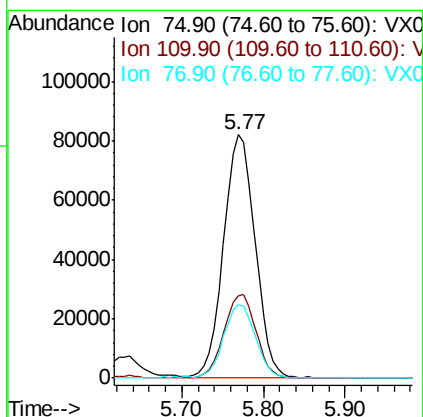
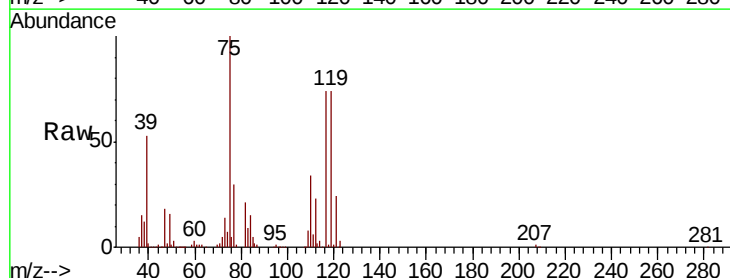
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

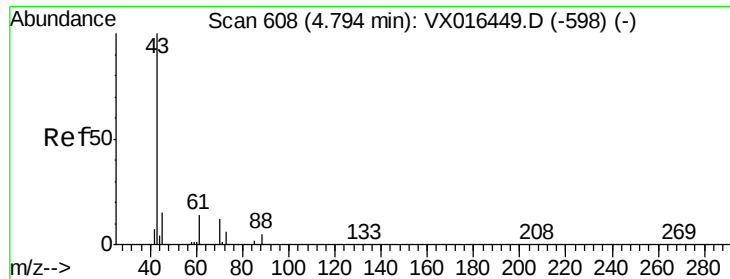
Tot Ion:113 Resp: 138368
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.0 124.6
 192 22.1 17.7 26.5



#36
 1,1-Dichloropropene
 Concen: 49.060 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016449.D
 Acq: 27 May 2020 15:27

Tgt Ion: 75 Resp: 219493
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.4 52.3
 77 30.3 24.2 36.4

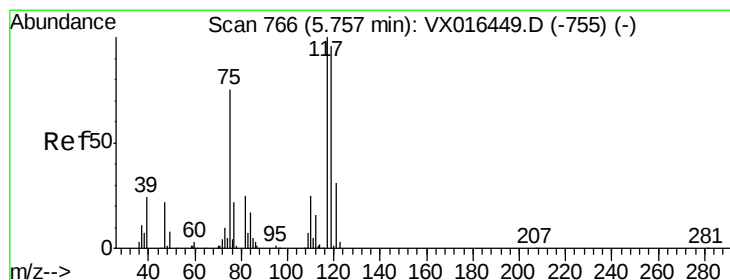
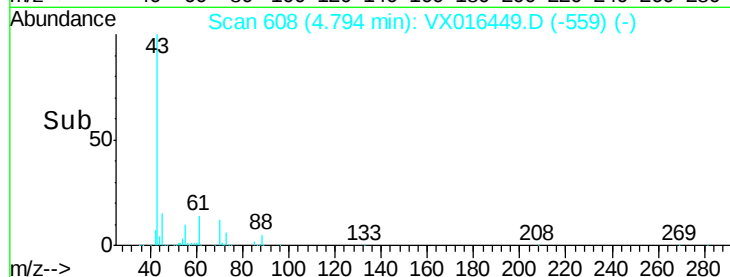
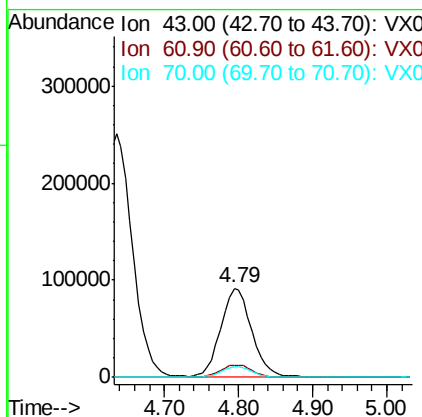
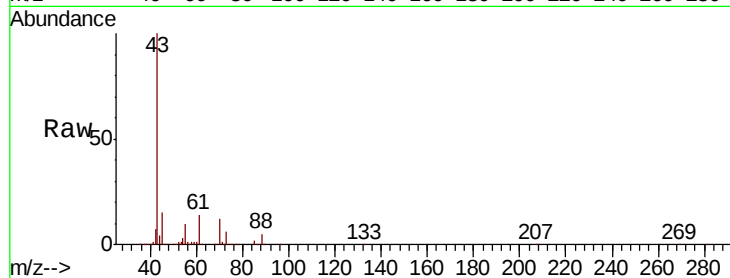




#37
Ethyl Acetate
Concen: 51.170 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

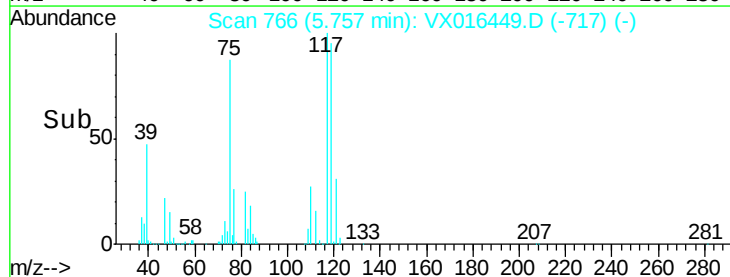
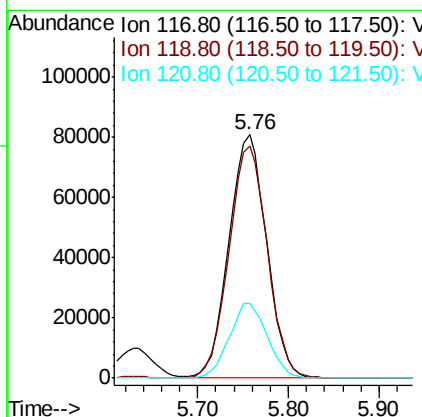
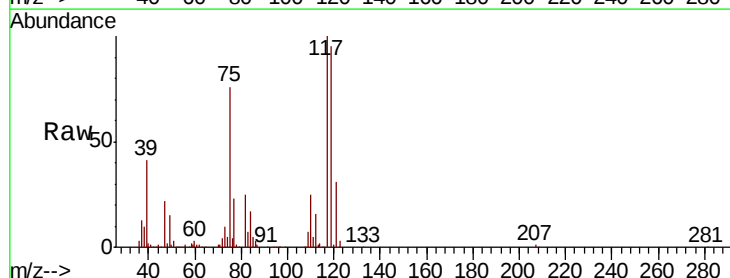
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

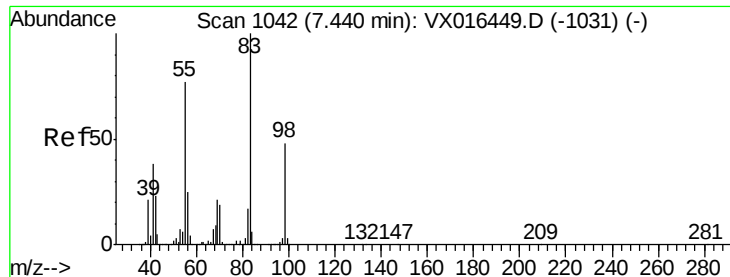
Tot Ion	43	Resp	265758
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.3	16.9
70	11.6	9.3	13.9



#38
Carbon Tetrachloride
Concen: 50.970 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

Tgt Ion	117	Resp	232530
Ion Ratio	Lower	Upper	
117	100		
119	95.4	76.3	114.5
121	30.8	24.6	37.0

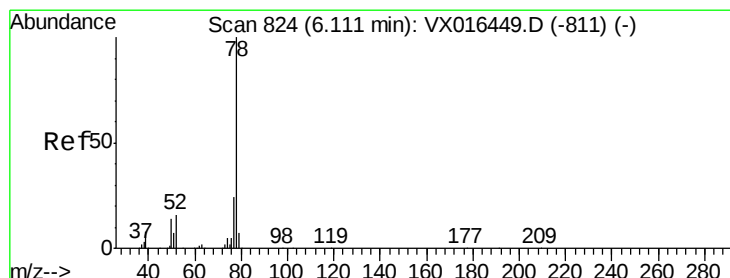
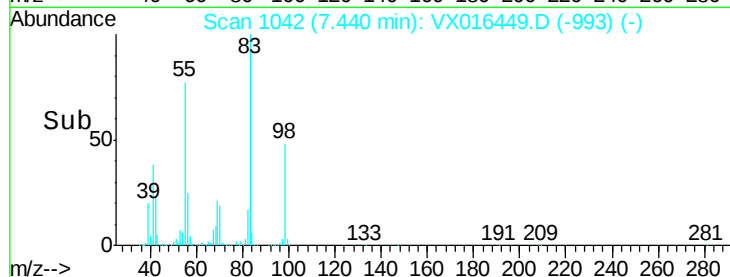
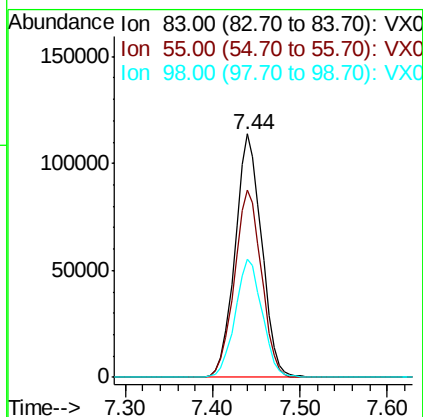
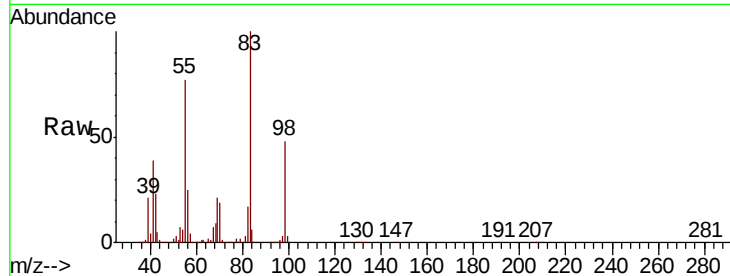




#39
Methylvlcyclohexane
Concen: 45.387 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

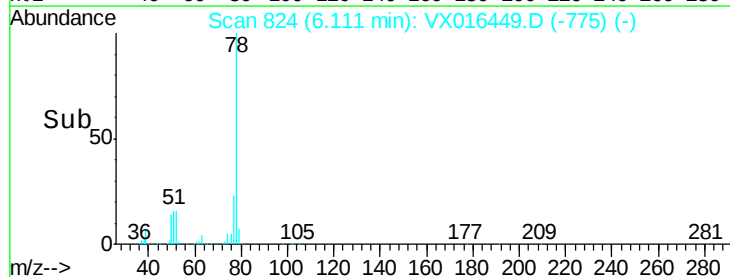
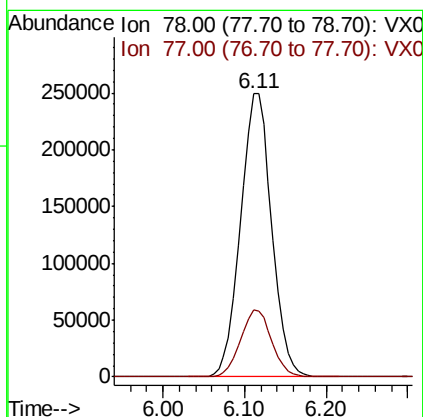
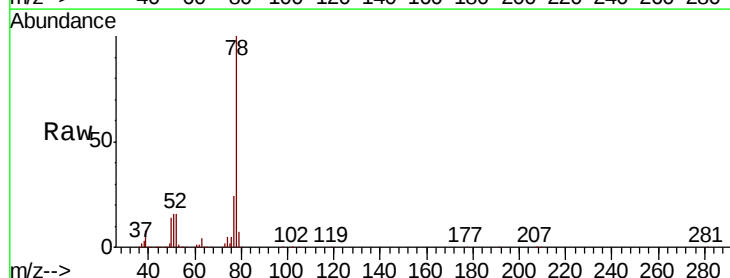
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

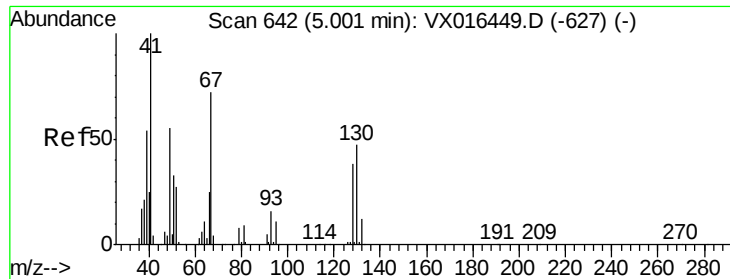
Tot Ion: 83 Resp: 240002
Ion Ratio Lower Upper
83 100
55 77.1 61.7 92.5
98 48.4 38.7 58.1



#40
Benzene
Concen: 50.239 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

Tgt Ion: 78 Resp: 659123
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

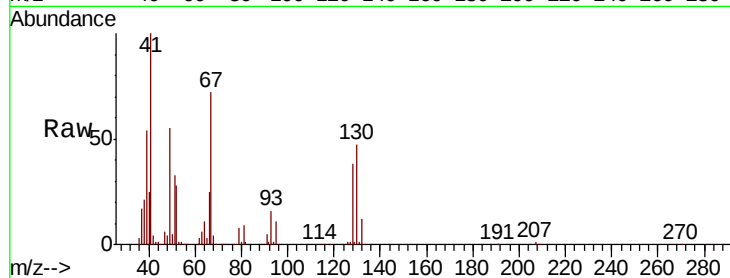




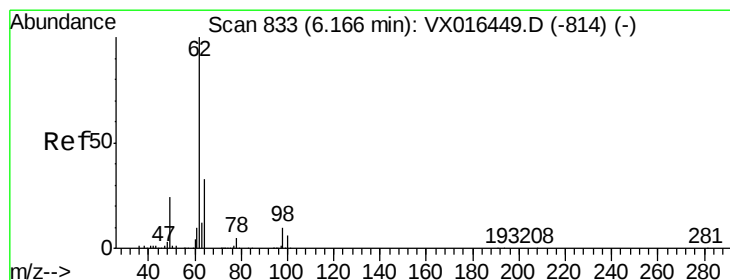
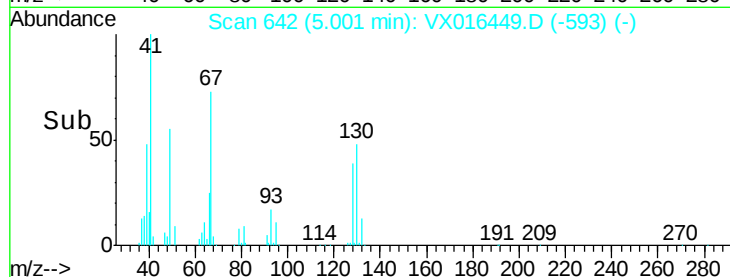
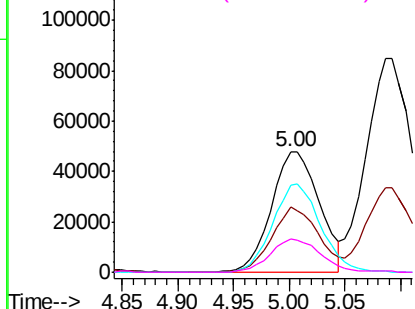
#41
Methacrylonitrile
Concen: 50.884 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:	41	Resp:	142438
Ion	Ratio	Lower	Upper
41	100		
39	53.7	43.0	64.4
67	73.6	58.9	88.3
52	28.9	23.1	34.7

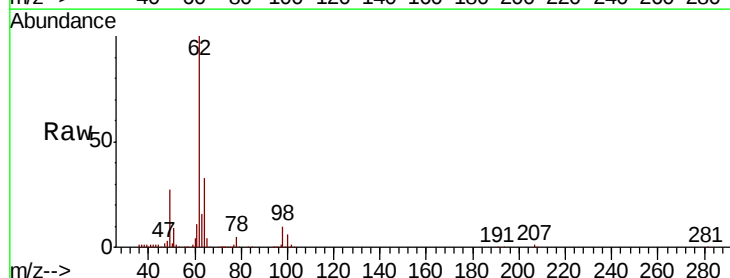


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

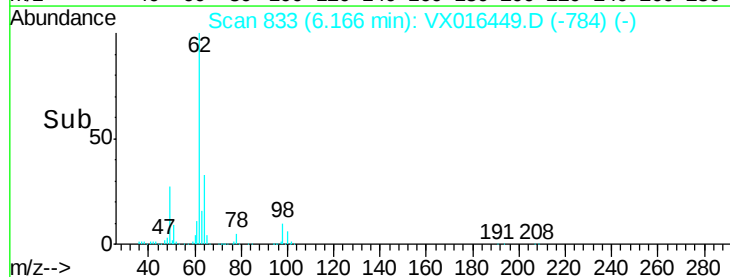
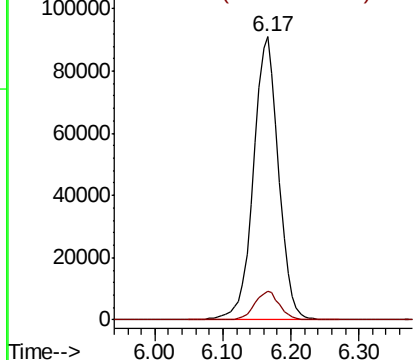


#42
1,2-Dichloroethane
Concen: 49.774 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

Tgt Ion:	62	Resp:	234895
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8



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



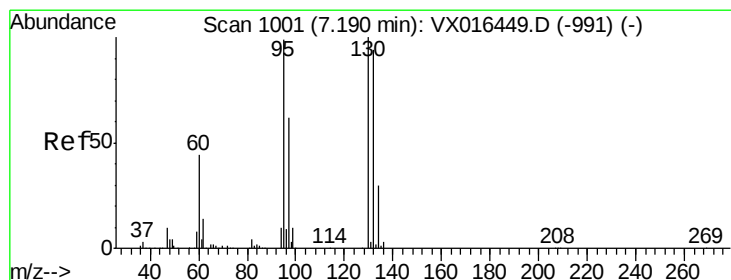
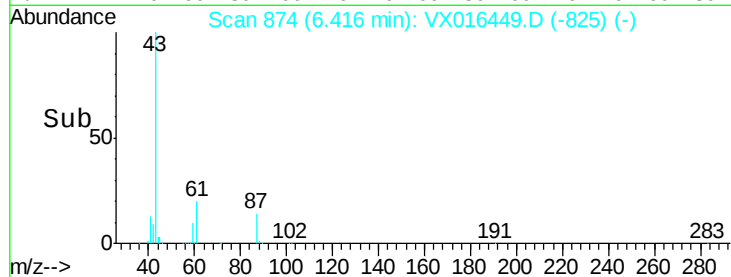
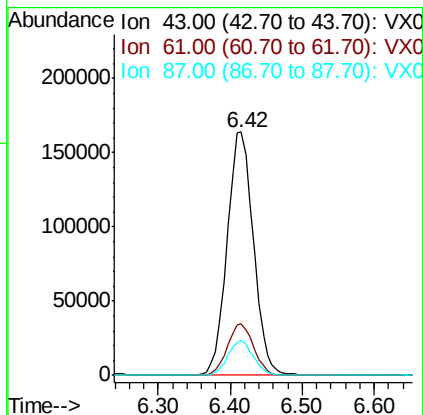
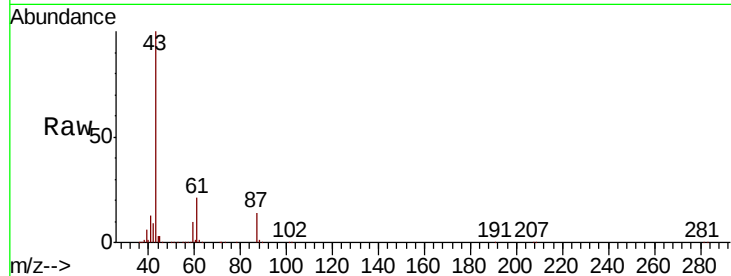


#43

Isopropyl Acetate
 Concen: 50.274 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016449.D
 Acq: 27 May 2020 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

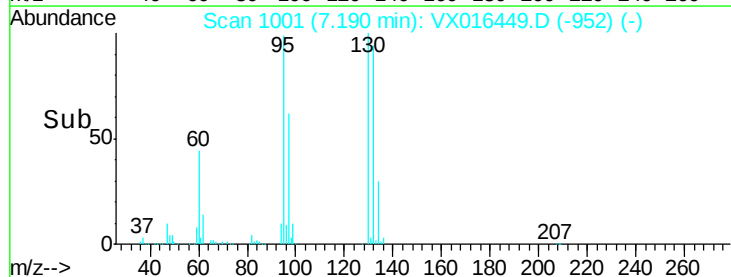
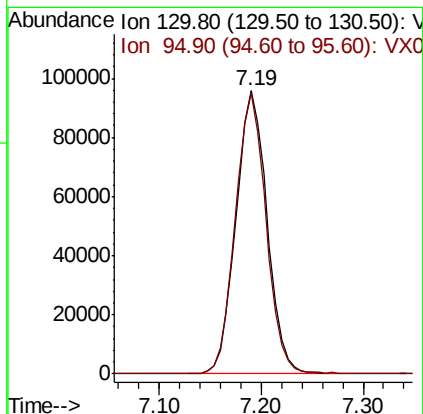
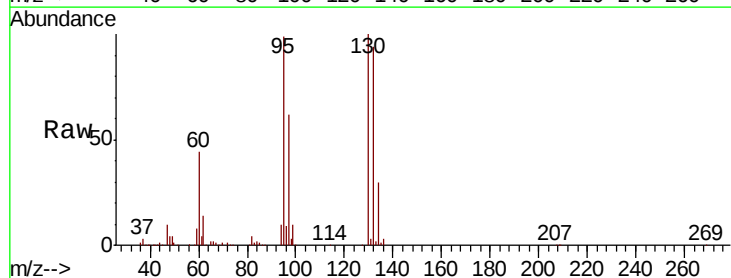
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.8	25.2
87	14.0	11.2	16.8

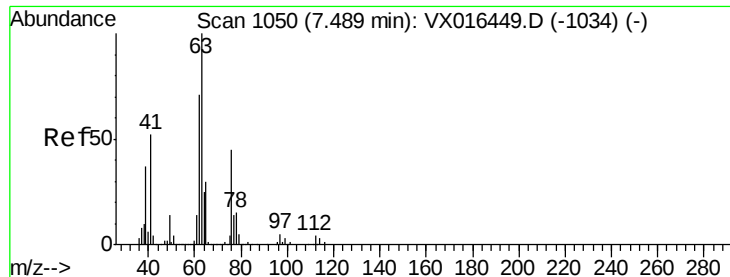


#44

Trichloroethene
 Concen: 44.282 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016449.D
 Acq: 27 May 2020 15:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	198.2





#45

1,2-Dichloropropane

Concen: 50.669 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

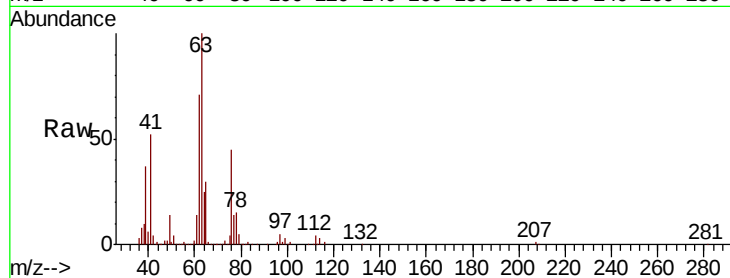
VSTDICCC050

Tot Ion: 63 Resp: 167944

Ion Ratio Lower Upper

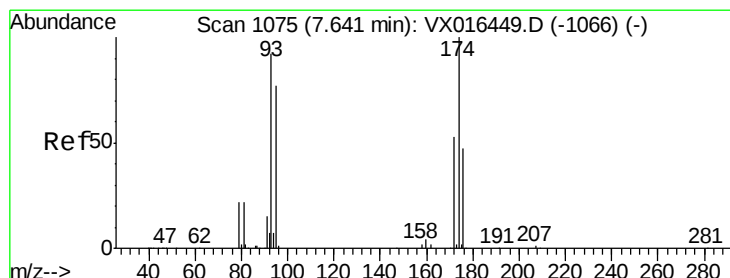
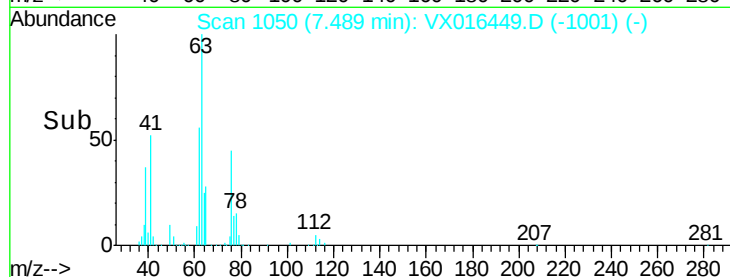
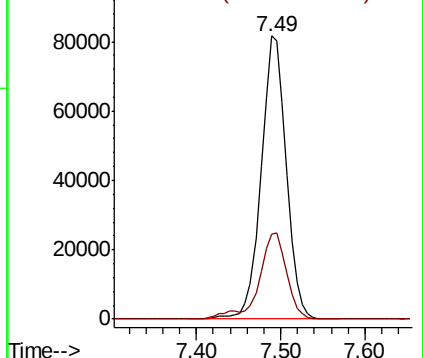
63 100

65 30.2 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.794 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

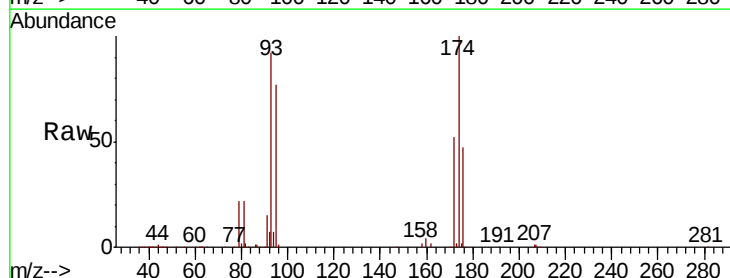
Tgt Ion: 93 Resp: 112143

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

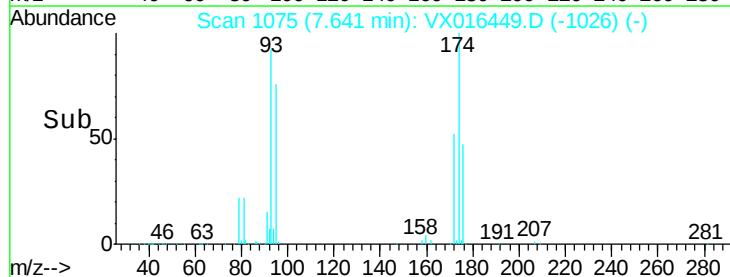
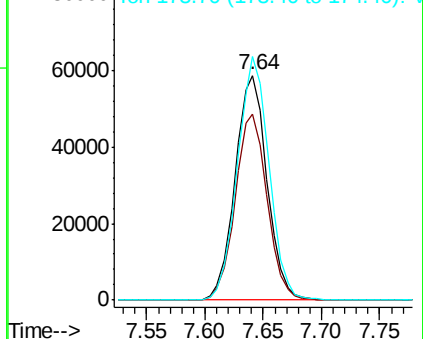
174 107.8 86.2 129.4

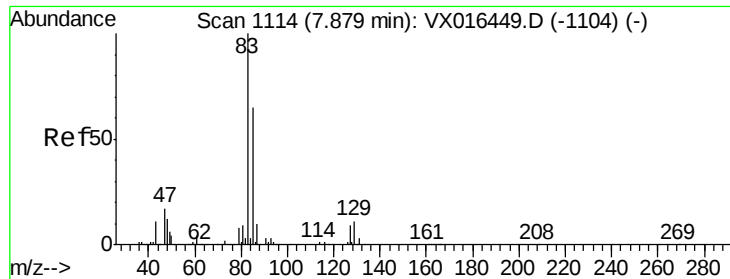


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.261 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

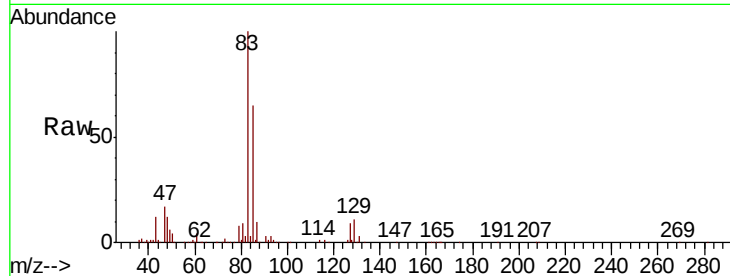
Tot Ion: 83 Resp: 235236

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0

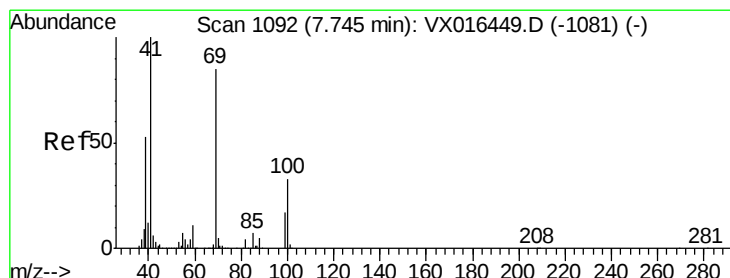
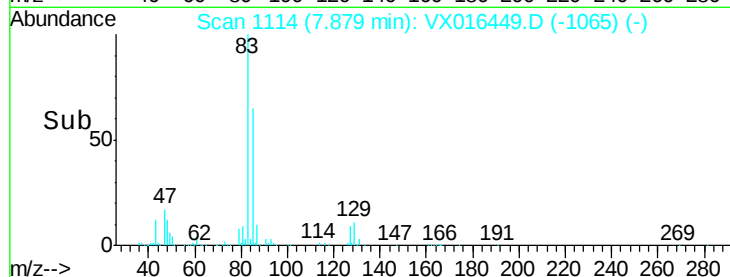
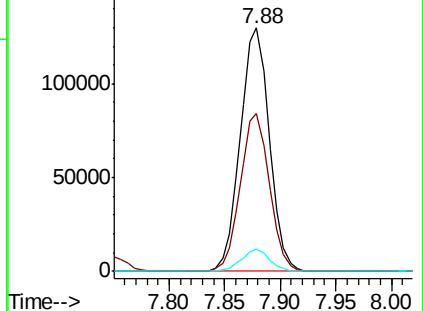
127 9.2 7.4 11.0



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: 51.358 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

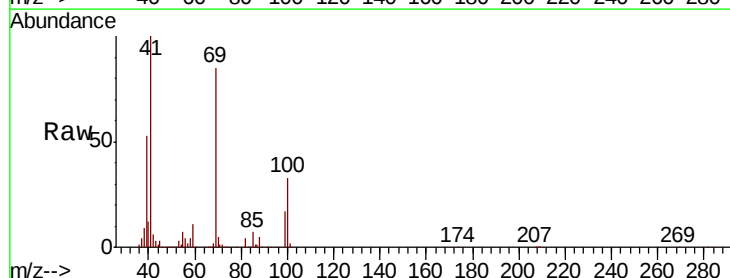
Tgt Ion: 41 Resp: 201777

Ion Ratio Lower Upper

41 100

69 85.7 68.6 102.8

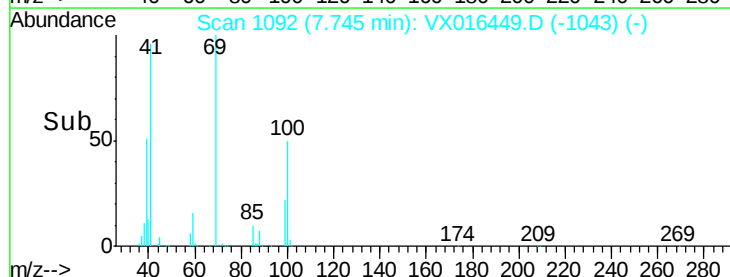
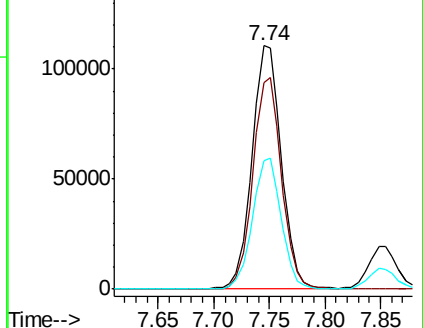
39 53.0 42.4 63.6

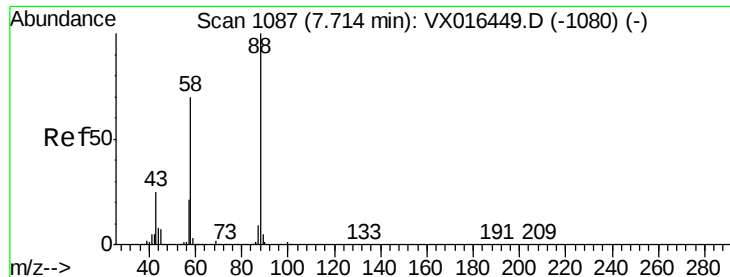


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1004.566 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

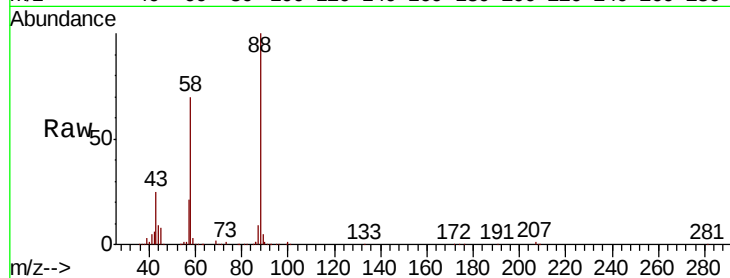
Tot Ion: 88 Resp: 94386

Ion Ratio Lower Upper

88 100

43 30.3 24.2 36.4

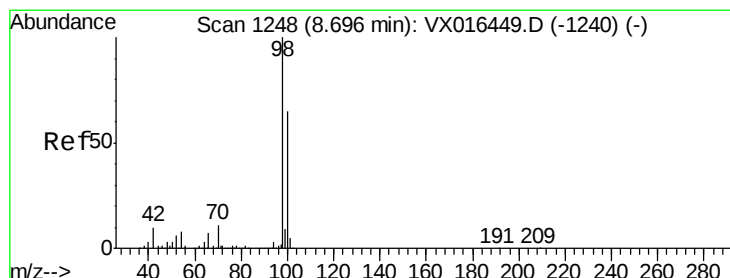
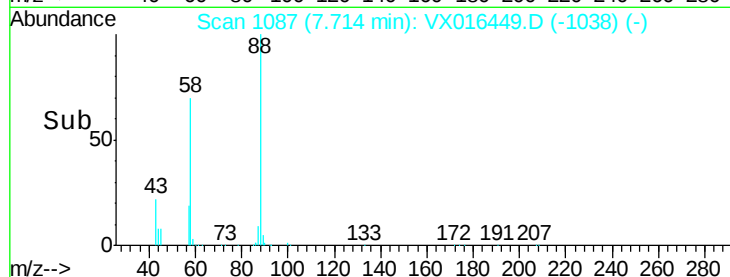
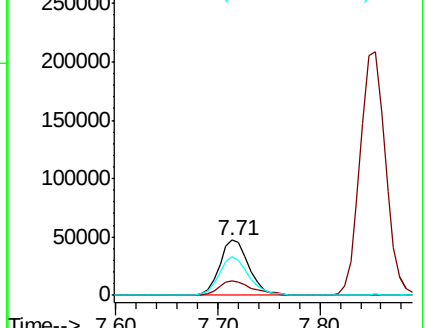
58 70.6 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.103 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016449.D

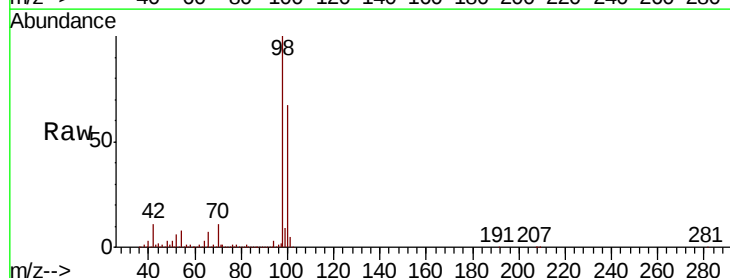
Acq: 27 May 2020 15:27

Tgt Ion: 98 Resp: 547397

Ion Ratio Lower Upper

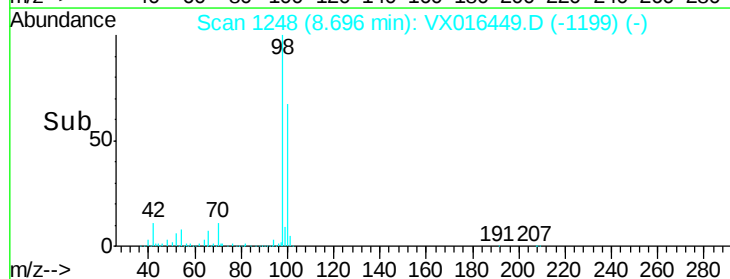
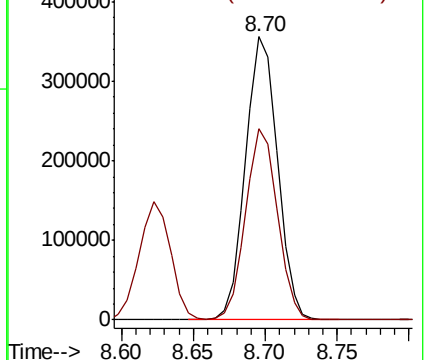
98 100

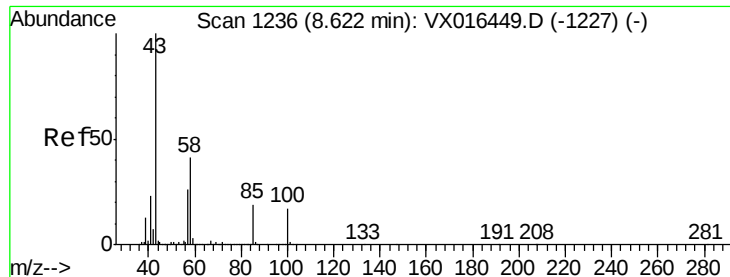
100 67.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

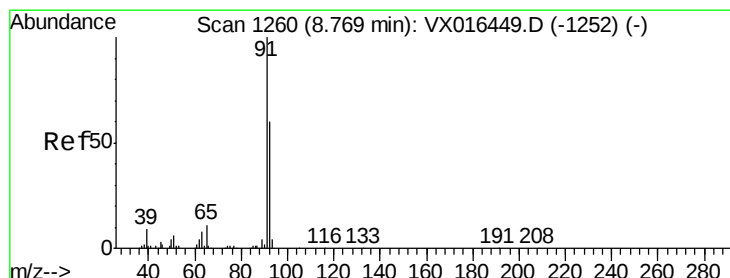
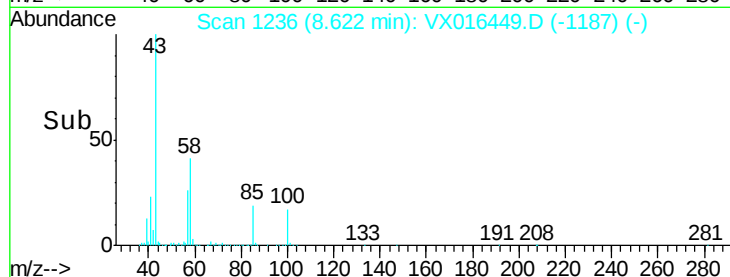
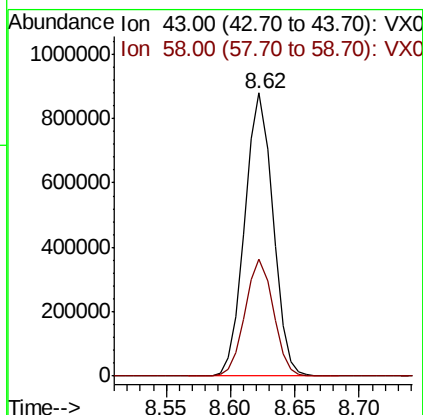
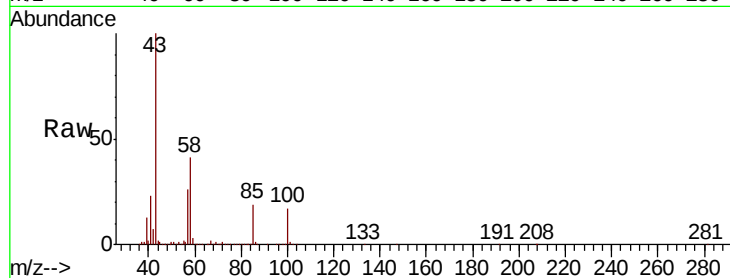




#51
 4-Methyl-2-Pentanone
 Concen: 262.773 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX016449.D
 Acq: 27 May 2020 15:27

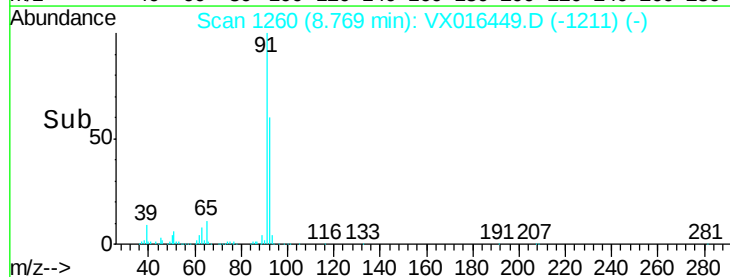
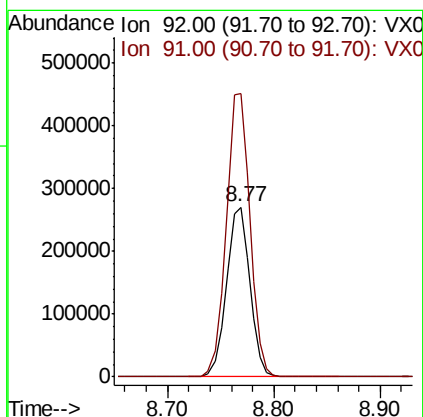
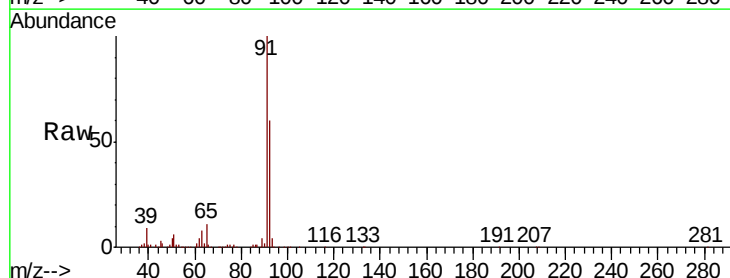
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

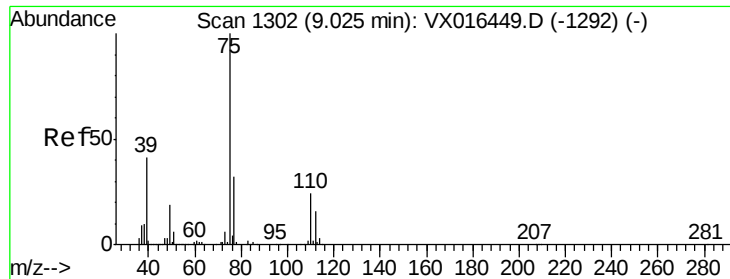
Tot Ion: 43 Resp: 1333405
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.0 49.6



#52
 Toluene
 Concen: 51.046 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX016449.D
 Acq: 27 May 2020 15:27

Tgt Ion: 92 Resp: 417387
 Ion Ratio Lower Upper
 92 100
 91 168.7 135.0 202.4

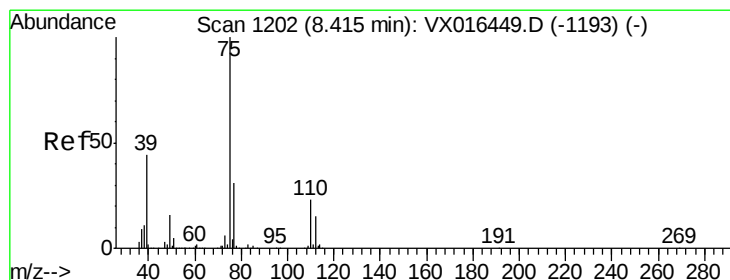
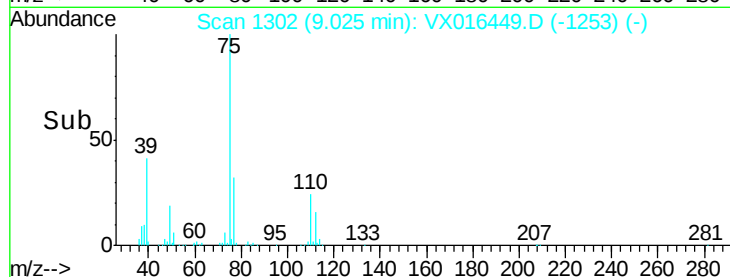
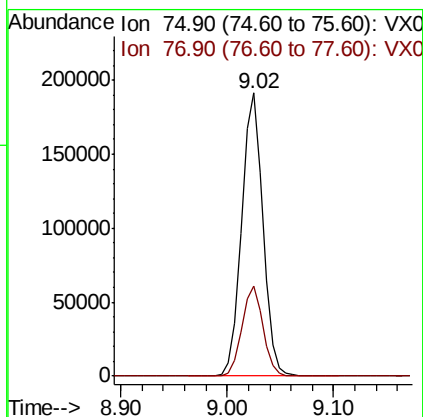
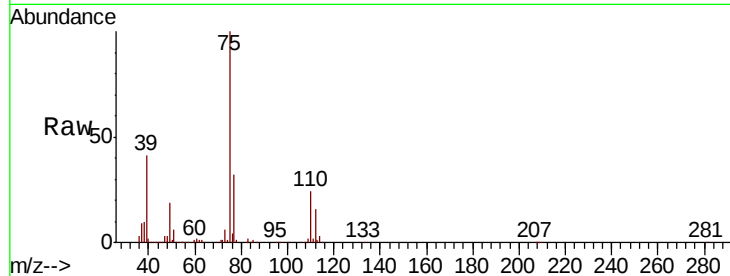




#53
 t-1,3-Dichloropropene
 Concen: 49.428 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX016449.D
 Acq: 27 May 2020 15:27

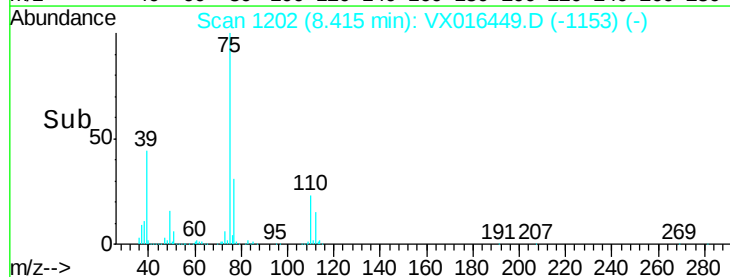
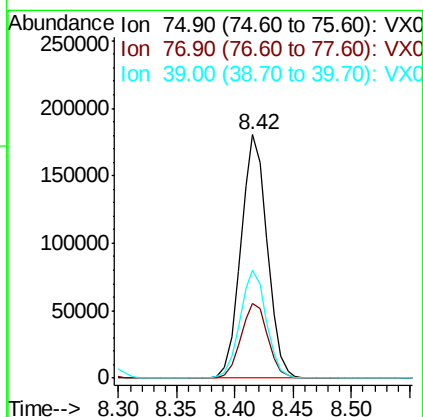
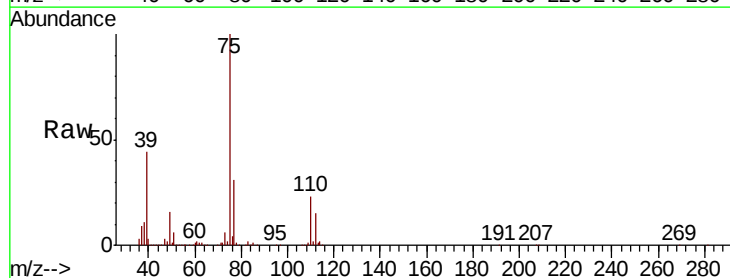
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

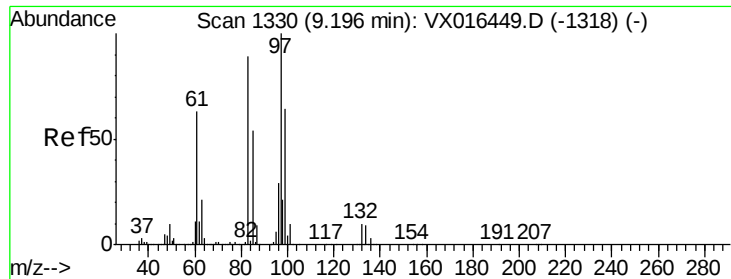
Tot Ion: 75 Resp: 269480
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 49.826 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX016449.D
 Acq: 27 May 2020 15:27

Tgt Ion: 75 Resp: 283933
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8
 39 44.1 35.3 52.9

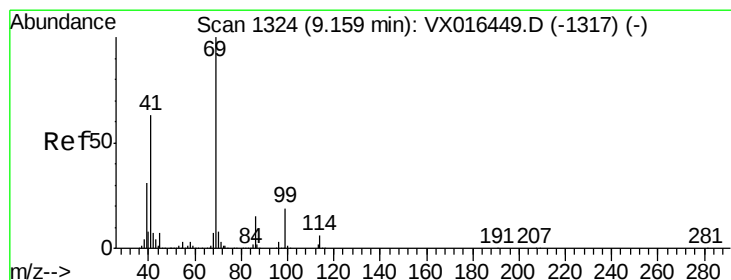
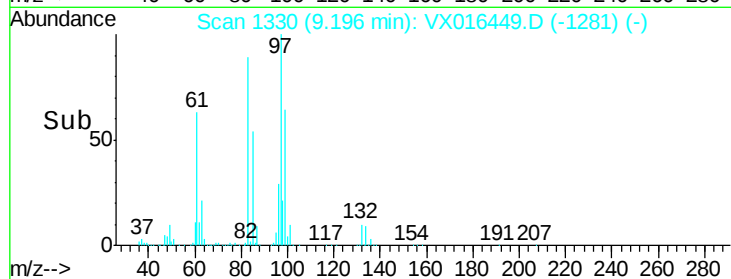
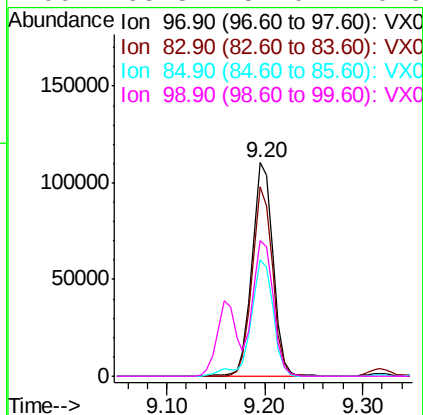
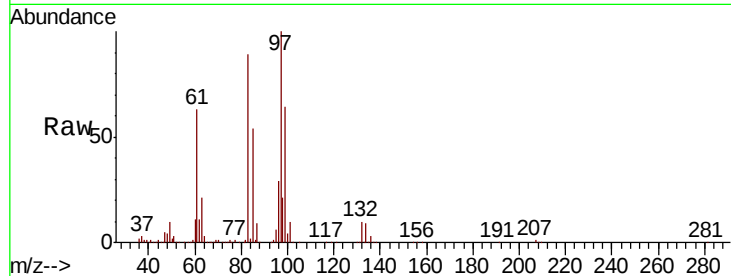




#55
 1,1,2-Trichloroethane
 Concen: 51.180 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016449.D
 Acq: 27 May 2020 15:27

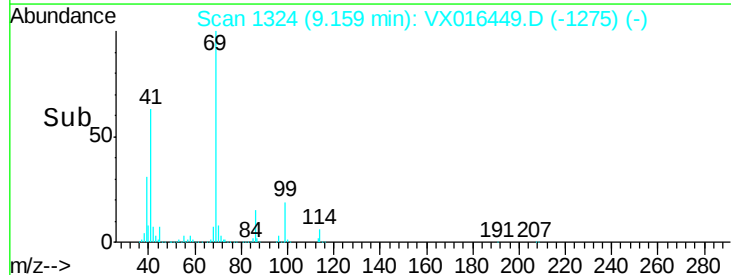
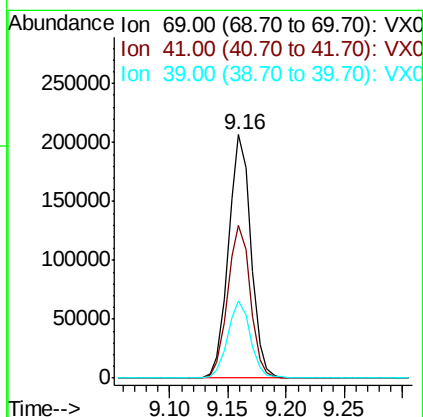
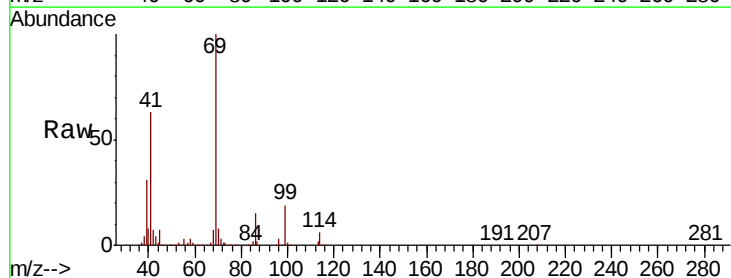
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	164487
Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.9	106.3
85	54.3	43.4	65.2
99	63.8	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 52.892 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016449.D
 Acq: 27 May 2020 15:27

Tgt Ion:	69	Resp:	278223
Ion	Ratio	Lower	Upper
69	100		
41	63.4	50.7	76.1
39	32.2	25.8	38.6





#57

1,3-Dichloropropane

Concen: 50.938 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

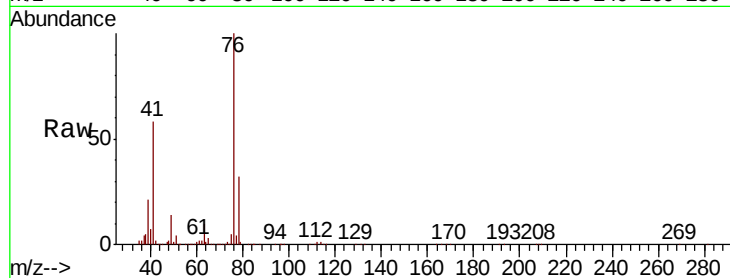
VSTDICCC050

Tot Ion: 76 Resp: 285909

Ion Ratio Lower Upper

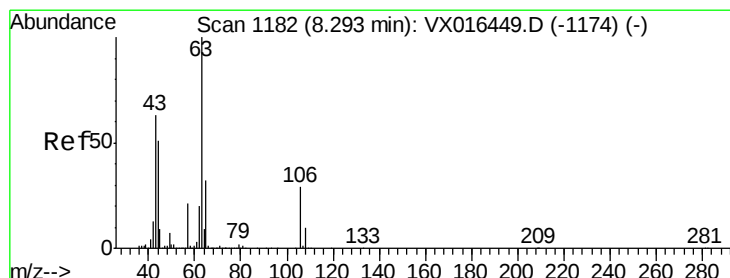
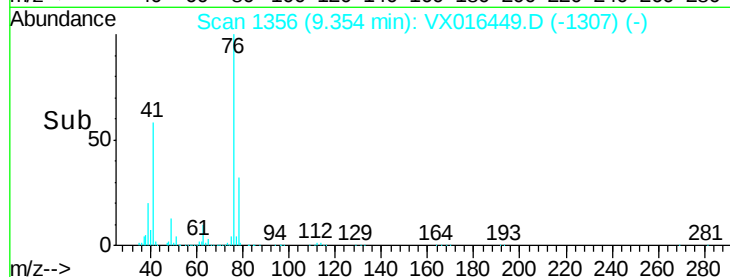
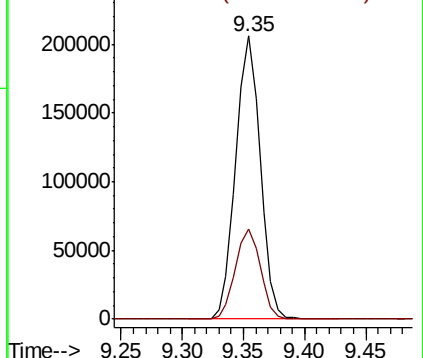
76 100

78 32.8 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 252.191 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016449.D

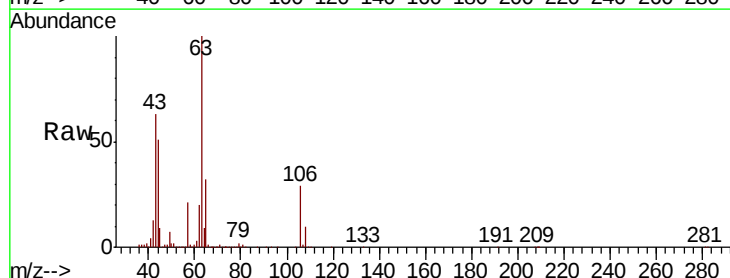
Acq: 27 May 2020 15:27

Tgt Ion: 63 Resp: 701982

Ion Ratio Lower Upper

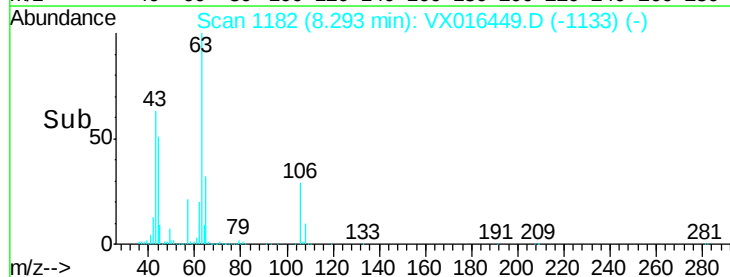
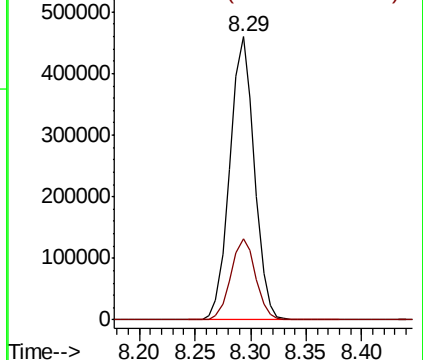
63 100

106 29.0 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

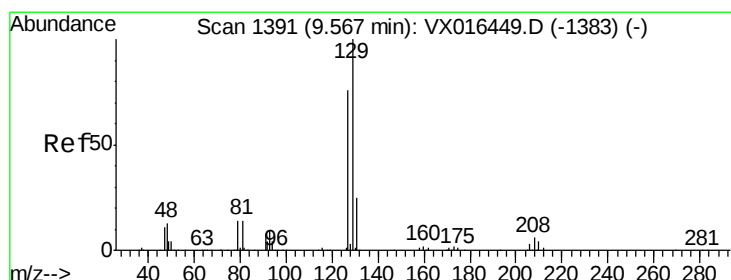
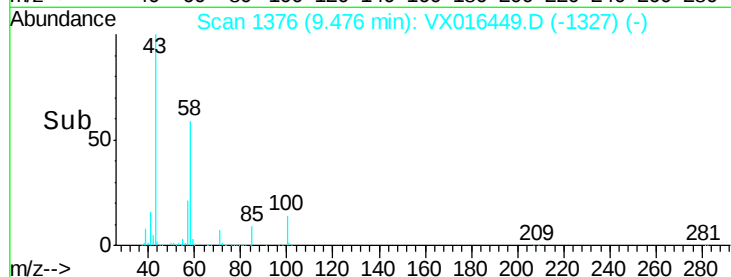
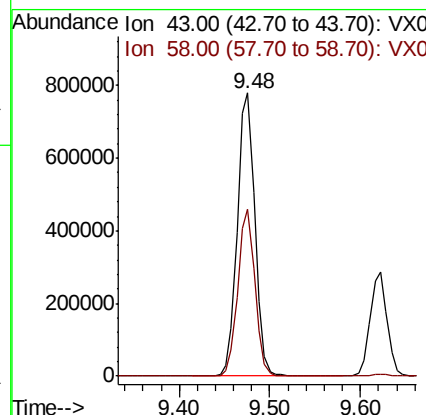
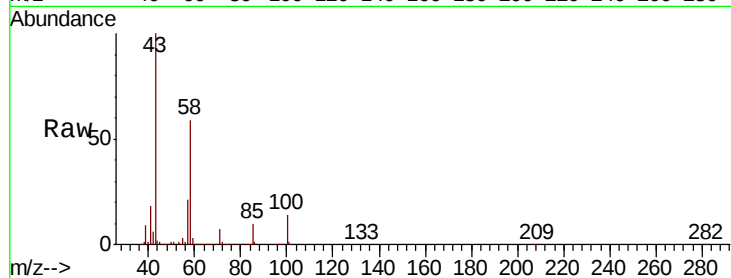




#59
2-Hexanone
Concen: 262.800 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

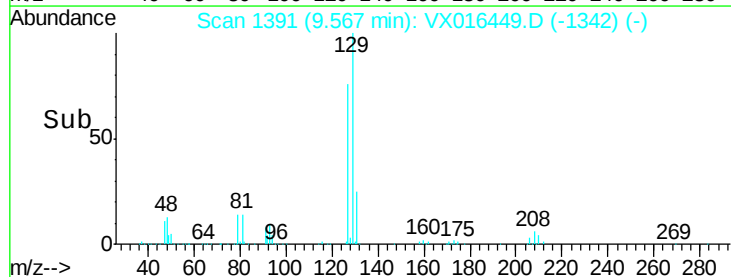
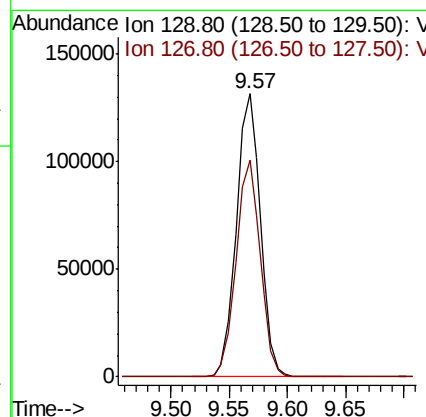
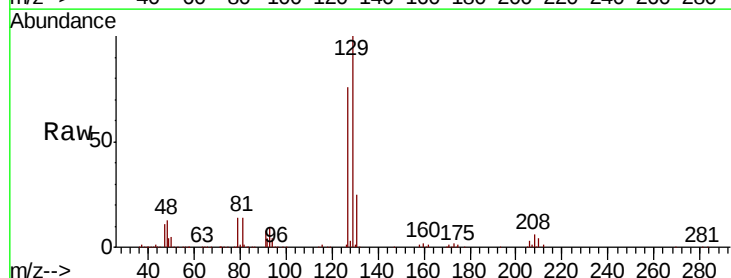
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

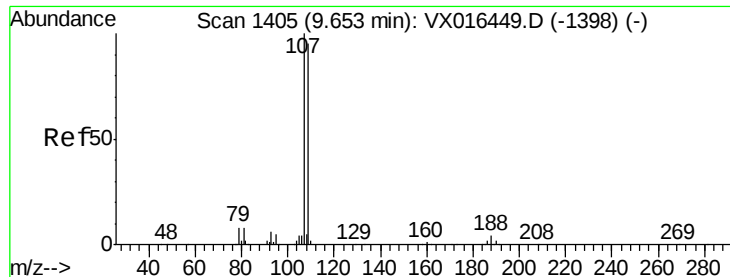
Tot Ion: 43 Resp: 1048837
Ion Ratio Lower Upper
43 100
58 57.6 28.8 86.4



#60
Dibromochloromethane
Concen: 53.299 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

Tgt Ion: 129 Resp: 189416
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.122 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

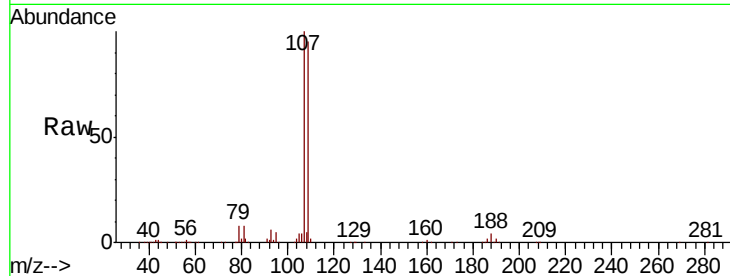
VSTDICCC050

Tot Ion:107 Resp: 177450

Ion Ratio Lower Upper

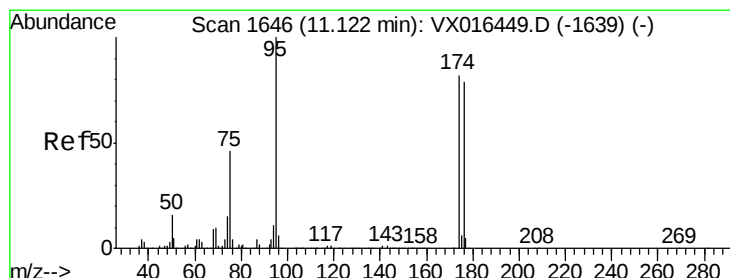
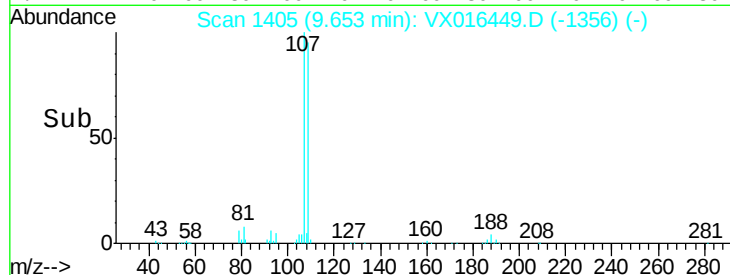
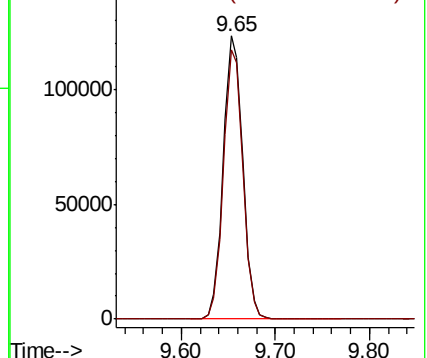
107 100

109 94.4 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.698 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

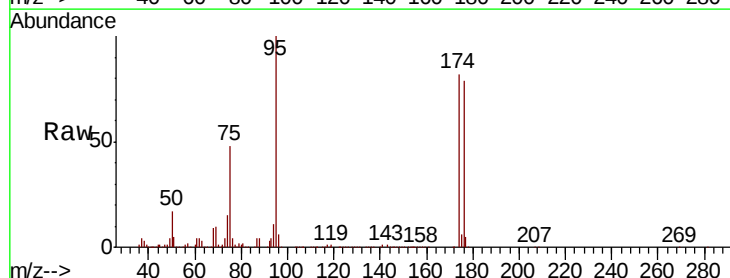
Tgt Ion: 95 Resp: 206058

Ion Ratio Lower Upper

95 100

174 81.5 0.0 163.0

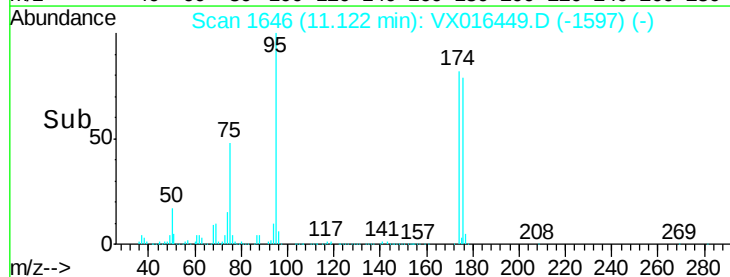
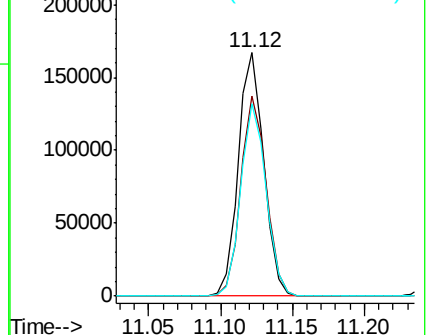
176 78.4 0.0 156.8

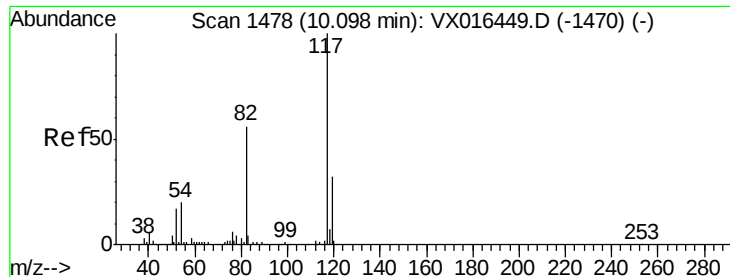


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

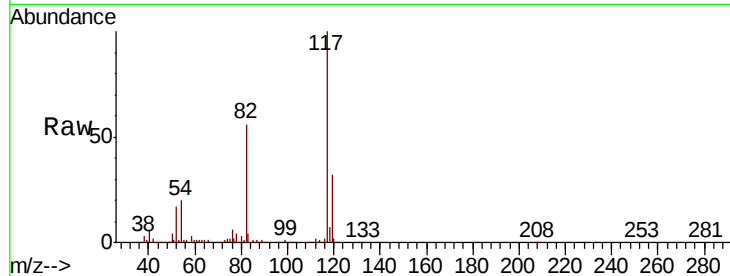




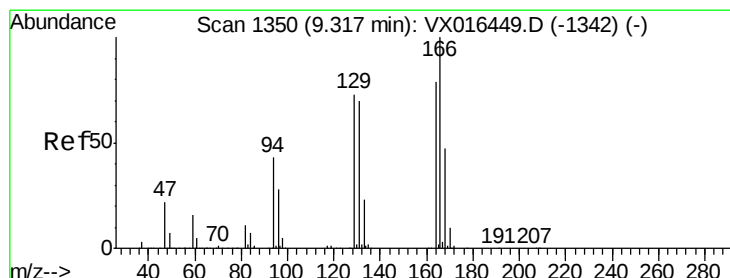
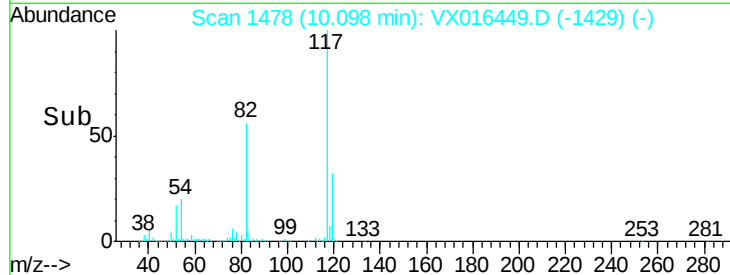
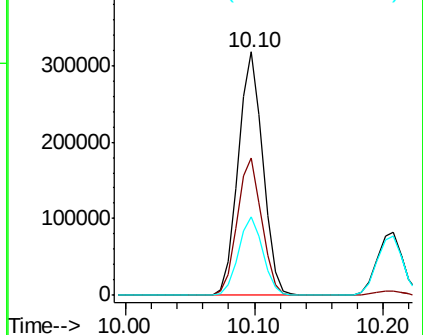
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:117 Resp: 420833
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.6
119 32.3 25.8 38.8

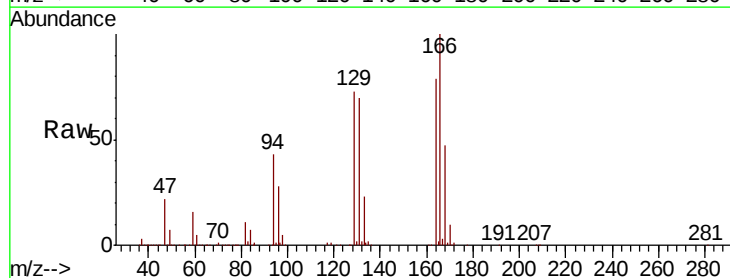


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

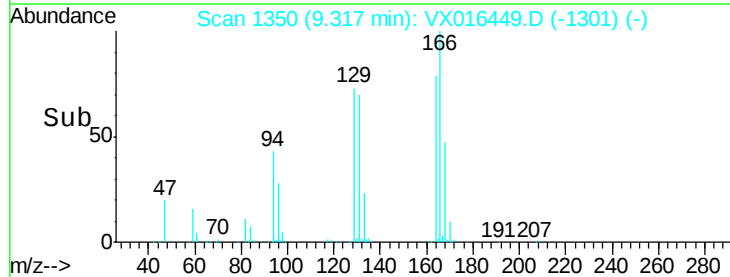
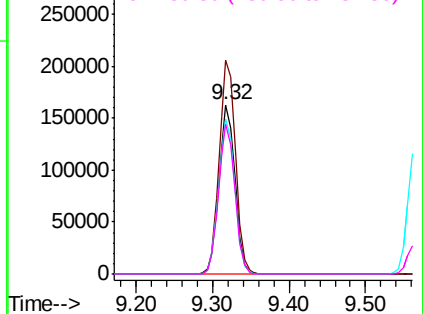


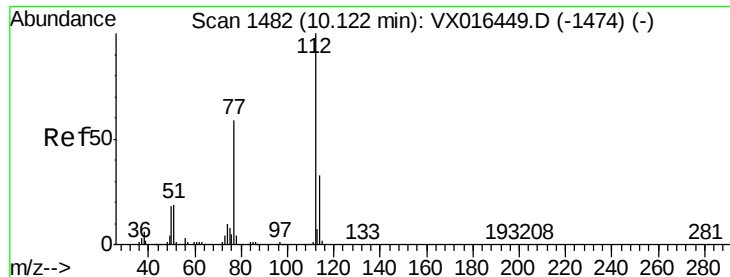
#64
Tetrachloroethene
Concen: 46.329 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

Tgt Ion:164 Resp: 236945
Ion Ratio Lower Upper
164 100
166 126.1 100.9 151.3
129 91.5 73.2 109.8
131 88.5 70.8 106.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

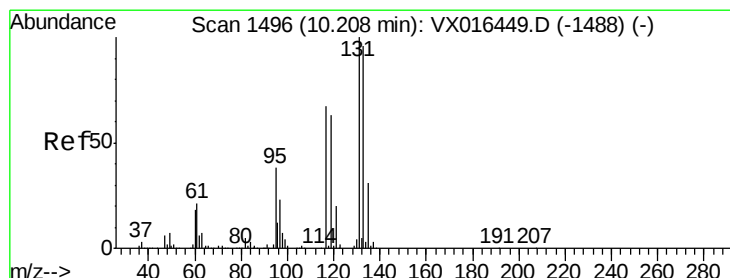
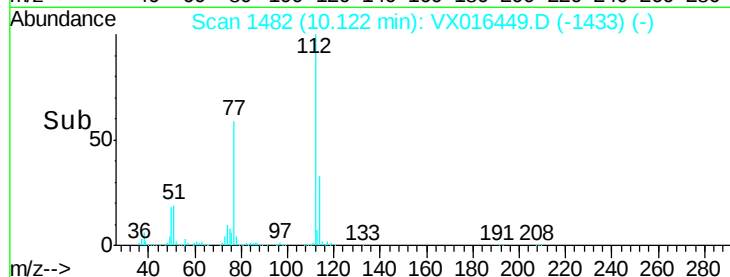
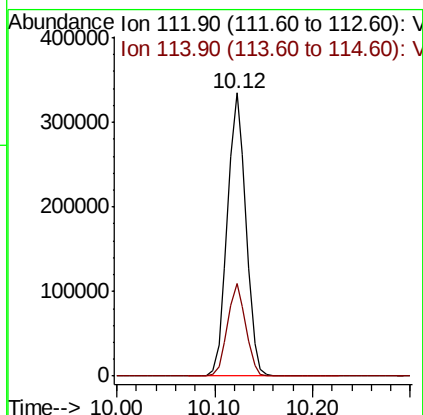
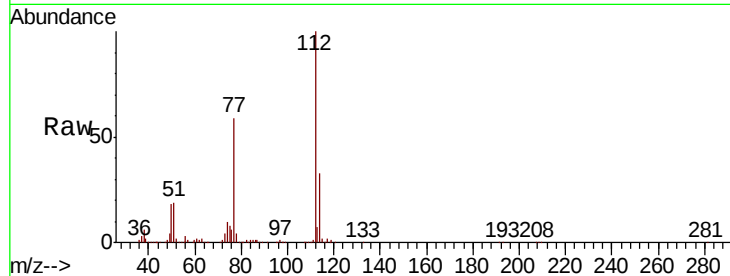




#65
Chlorobenzene
Concen: 50.117 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

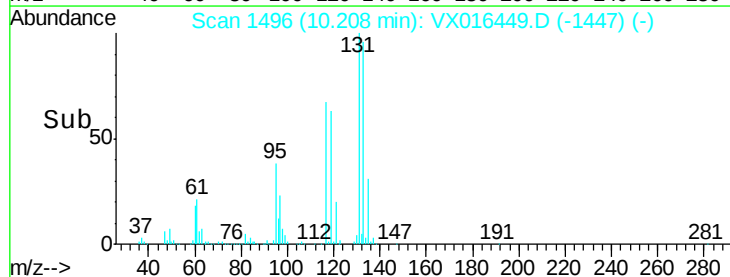
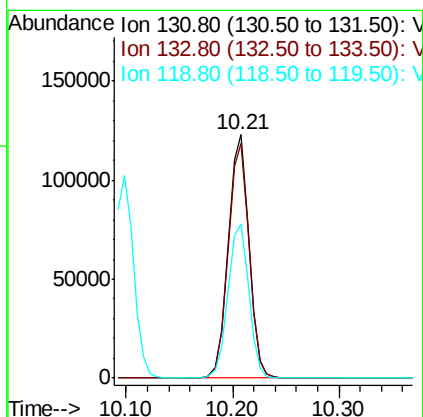
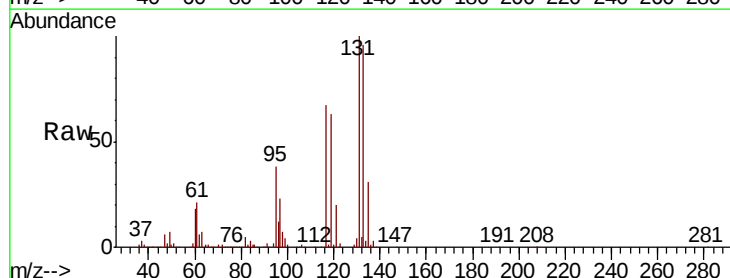
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

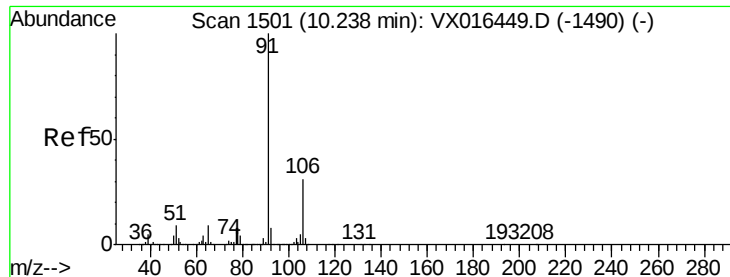
Tot Ion:112 Resp: 442626
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.448 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

Tgt Ion:131 Resp: 168241
Ion Ratio Lower Upper
131 100
133 96.9 48.4 145.3
119 64.1 32.0 96.2

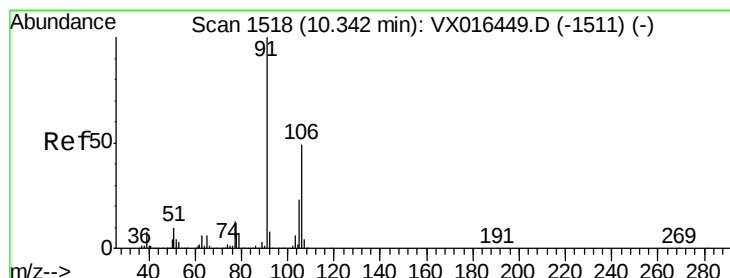
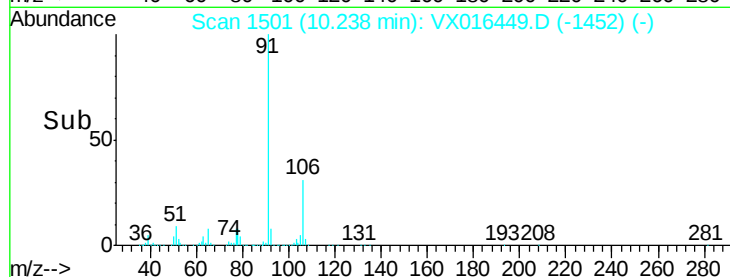
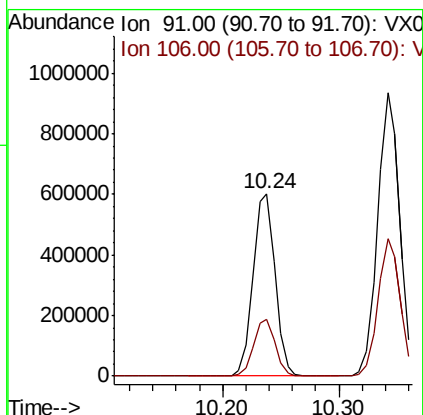
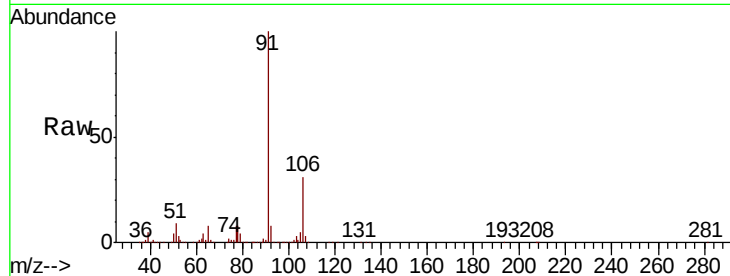




#67
Ethyl Benzene
Concen: 50.791 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

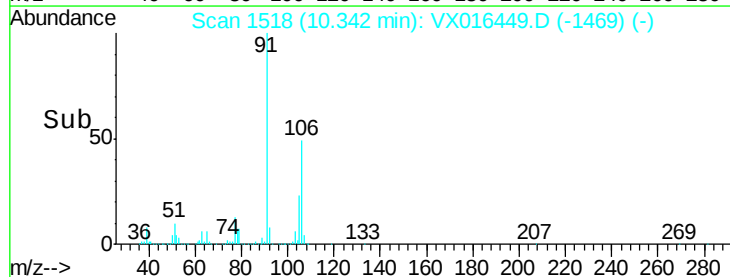
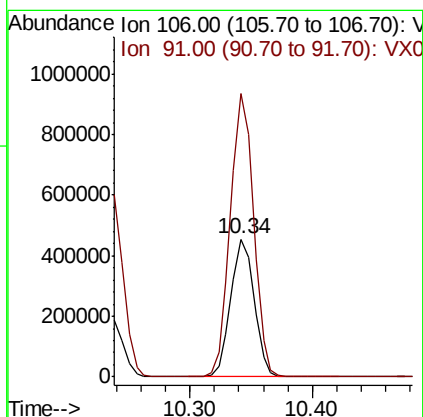
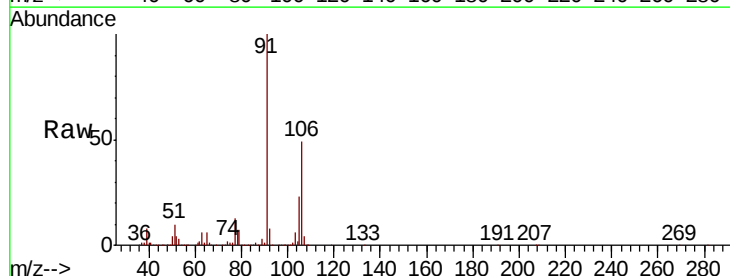
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

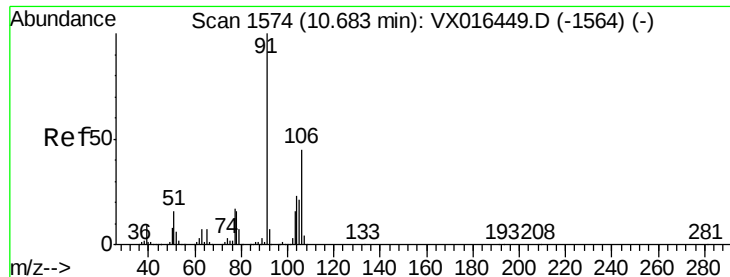
Tot Ion: 91 Resp: 799954
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 101.984 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

Tgt Ion: 106 Resp: 600420
Ion Ratio Lower Upper
106 100
91 204.8 163.8 245.8

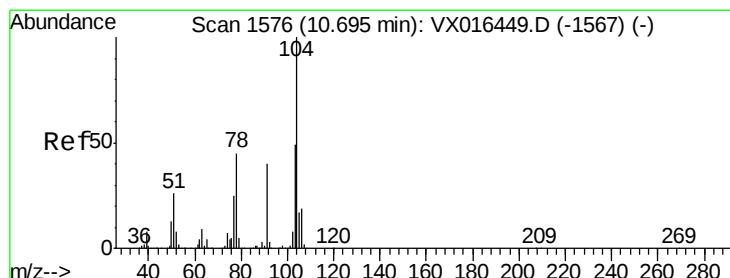
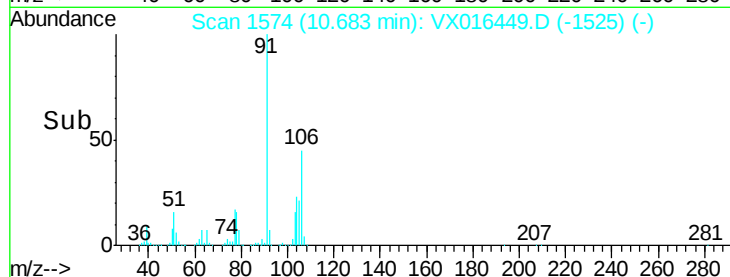
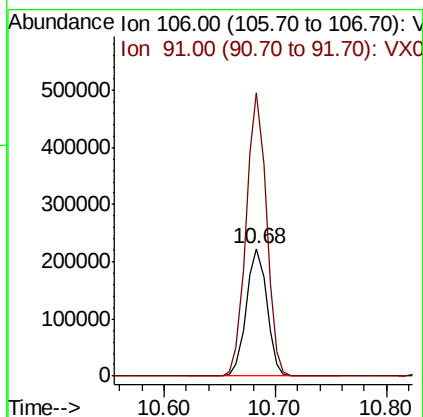
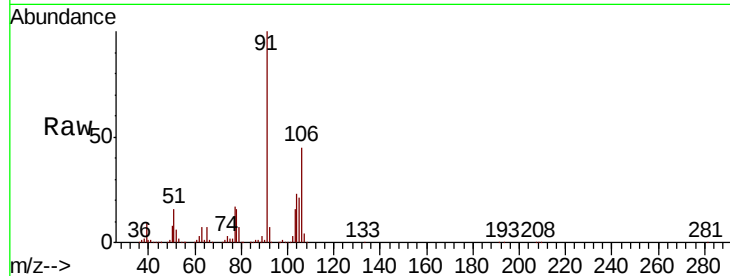




#69
o-Xylene
Concen: 50.605 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

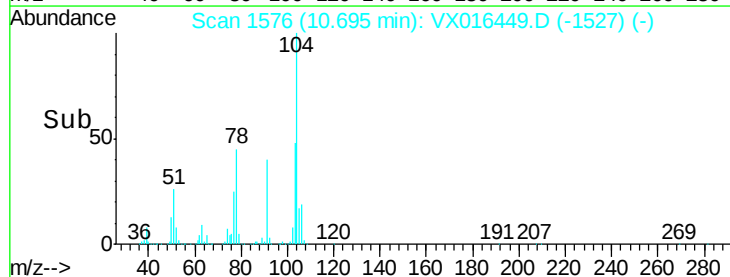
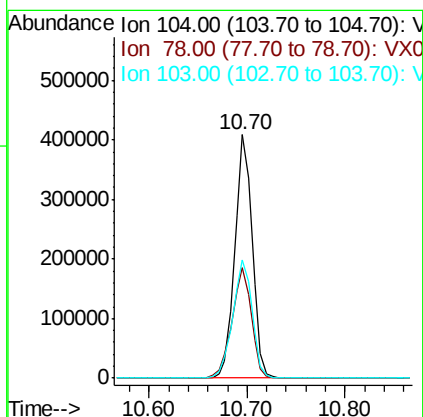
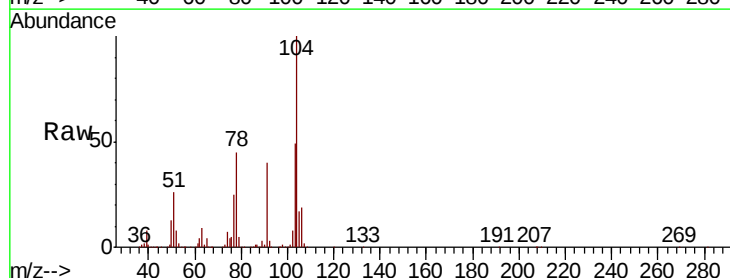
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

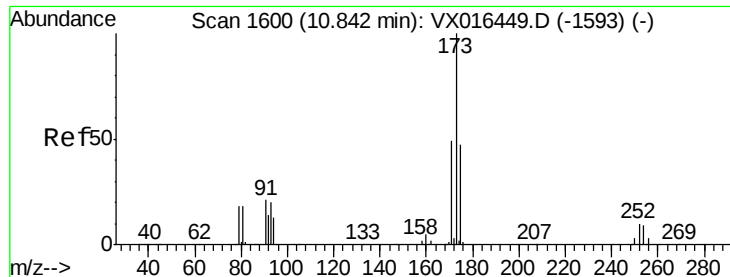
Tot Ion:106 Resp: 286147
Ion Ratio Lower Upper
106 100
91 219.2 109.6 328.8



#70
Styrene
Concen: 52.554 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

Tgt Ion:104 Resp: 506557
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.2
103 53.9 43.1 64.7





#71

Bromoform

Concen: 55.279 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

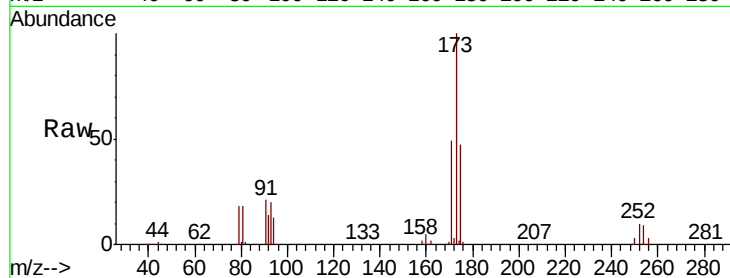
Tot Ion:173 Resp: 148418

Ion Ratio Lower Upper

173 100

175 47.8 23.9 71.7

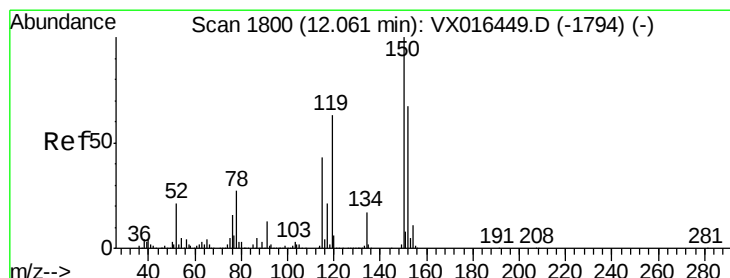
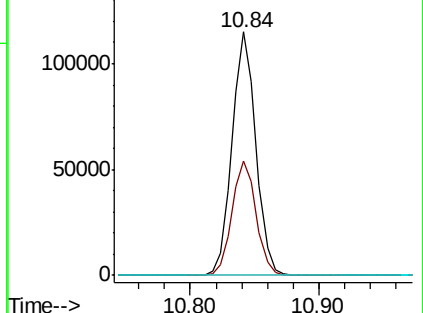
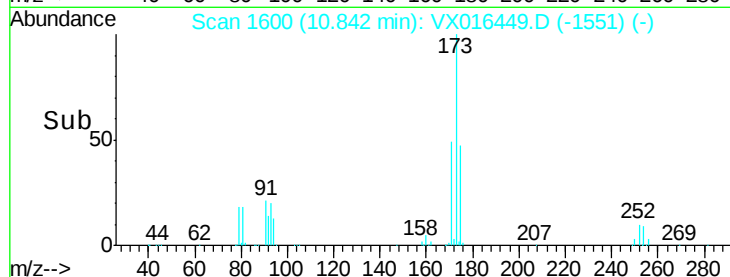
254 0.1 0.1 0.1



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: VX016449.D

Acq: 27 May 2020 15:27

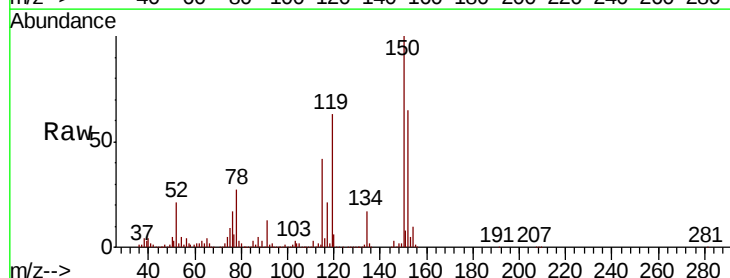
Tgt Ion:152 Resp: 214019

Ion Ratio Lower Upper

152 100

115 79.7 39.9 119.6

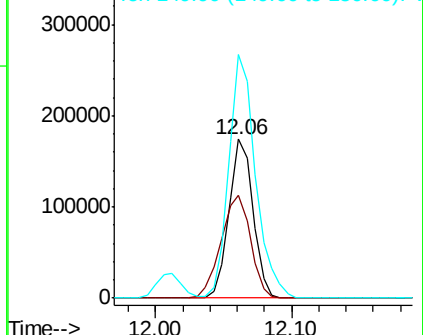
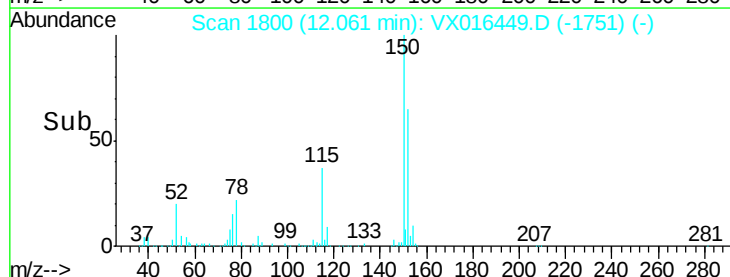
150 170.5 0.0 341.0

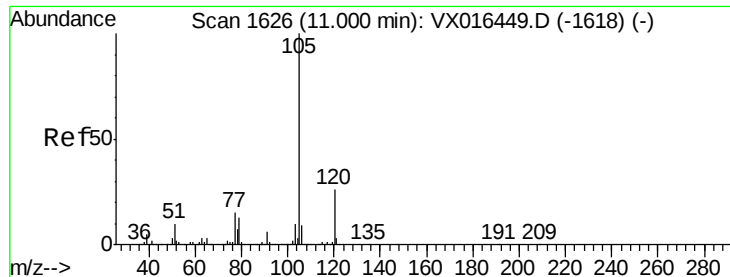


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.454 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

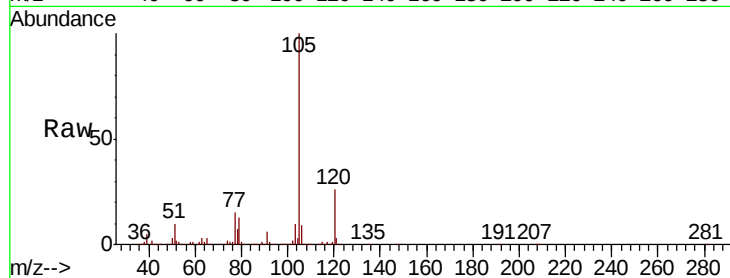
VSTDICCC050

Tot Ion:105 Resp: 767450

Ion Ratio Lower Upper

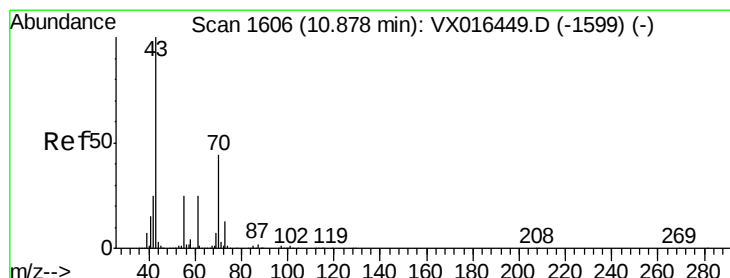
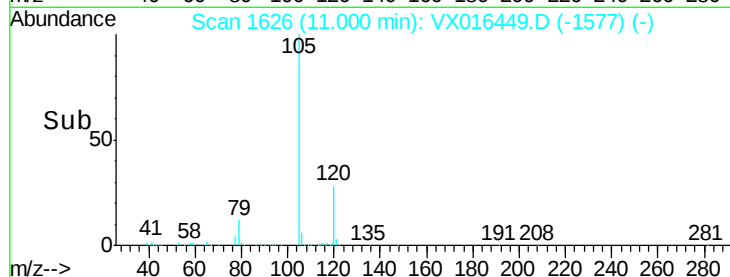
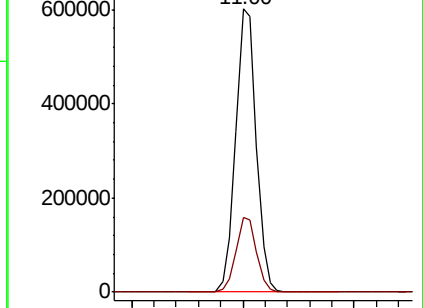
105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.594 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Tgt Ion: 43 Resp: 358999

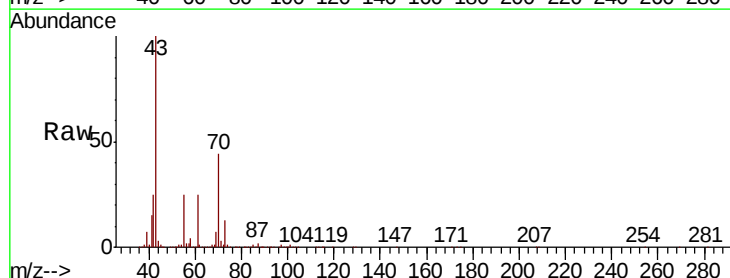
Ion Ratio Lower Upper

43 100

70 45.1 36.1 54.1

55 25.3 20.2 30.4

61 25.4 20.3 30.5

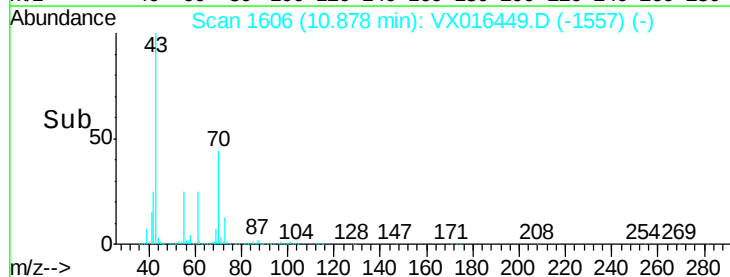
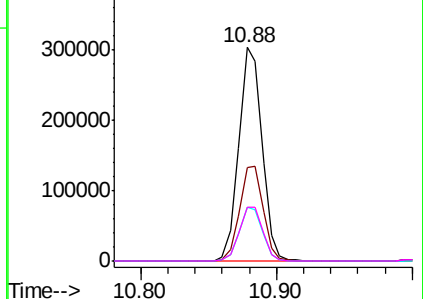


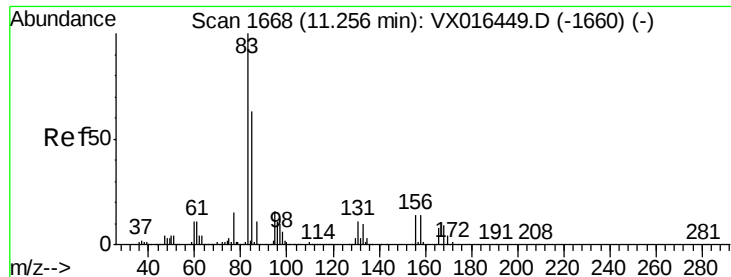
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 67.817 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

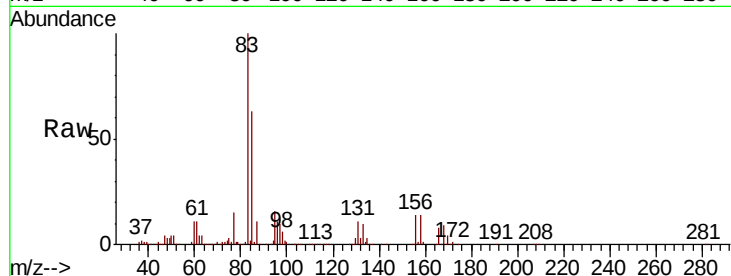
Tot Ion: 83 Resp: 196235

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

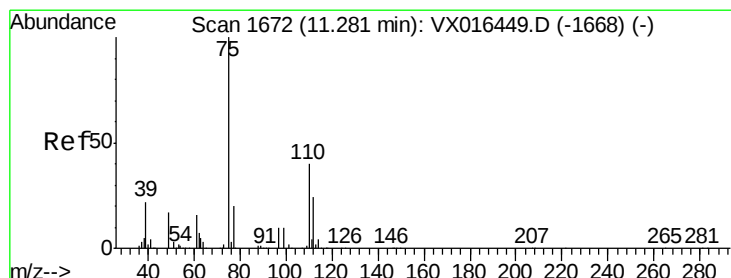
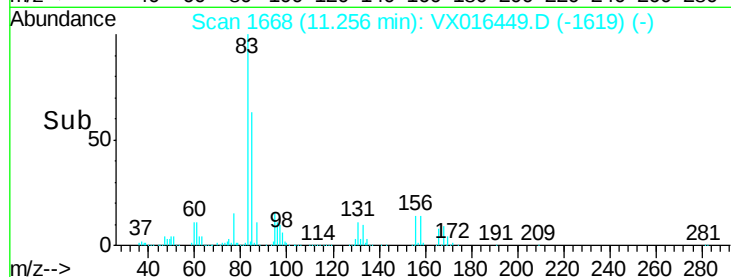
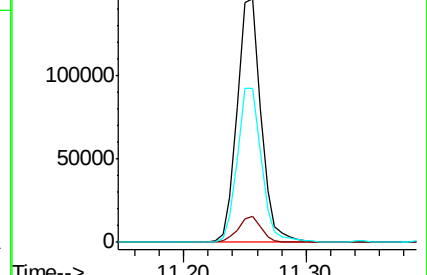
85 64.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.478 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016449.D

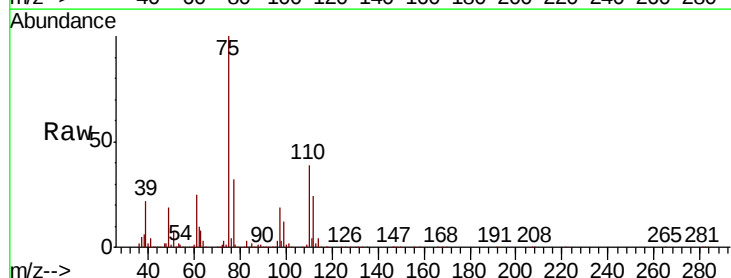
Acq: 27 May 2020 15:27

Tgt Ion: 75 Resp: 317565

Ion Ratio Lower Upper

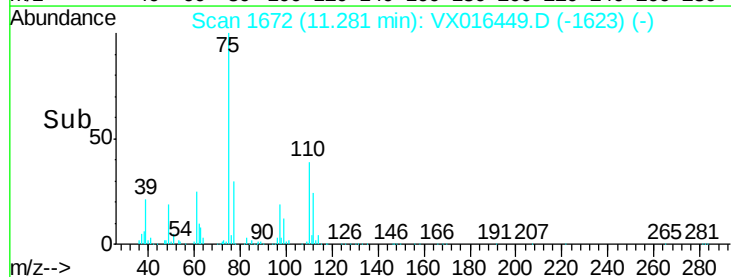
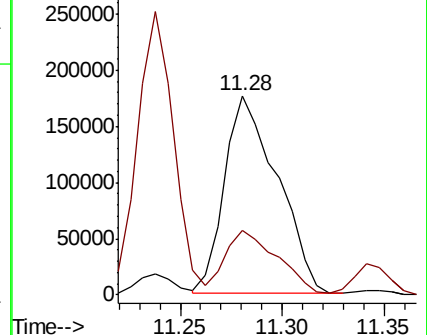
75 100

77 32.4 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.756 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

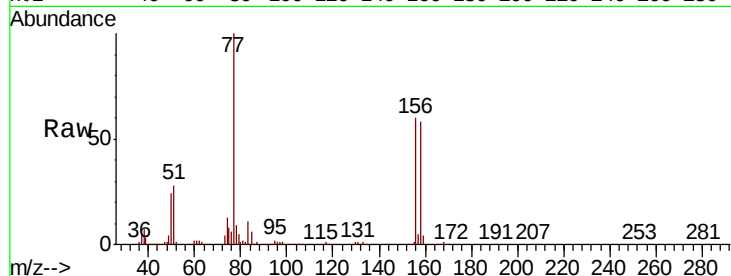
Tot Ion:156 Resp: 196068

Ion Ratio Lower Upper

156 100

77 159.2 79.6 238.8

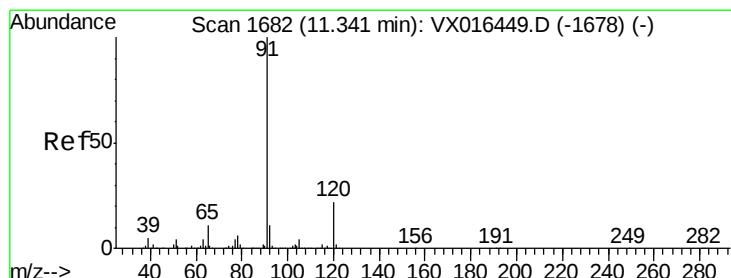
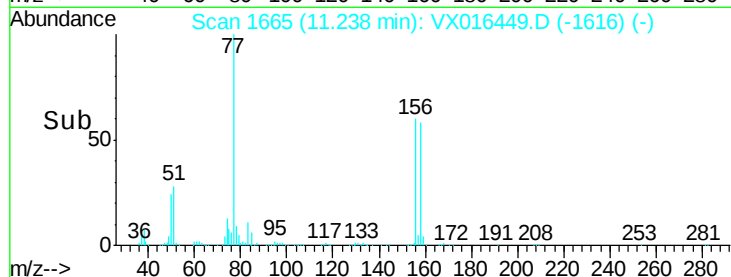
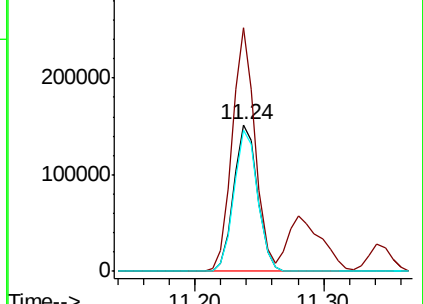
158 96.3 48.1 144.4



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: 48.083 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016449.D

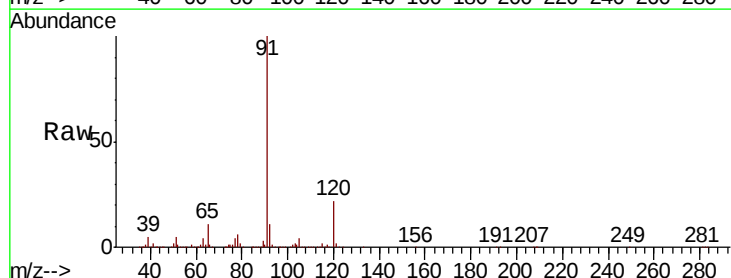
Acq: 27 May 2020 15:27

Tgt Ion: 91 Resp: 865953

Ion Ratio Lower Upper

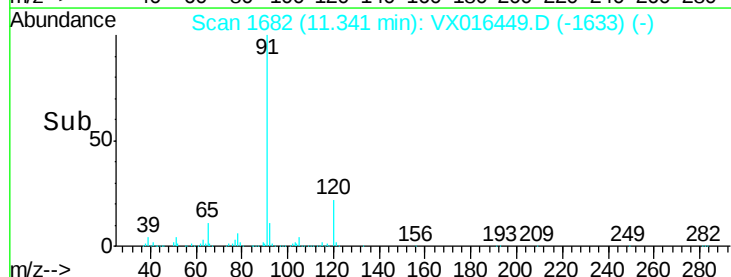
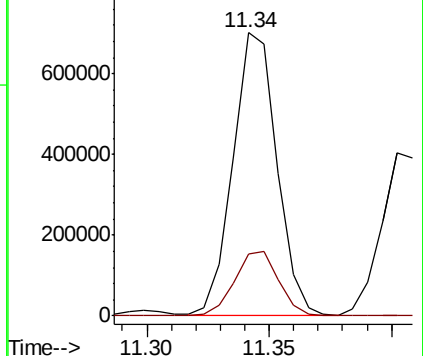
91 100

120 23.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.818 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

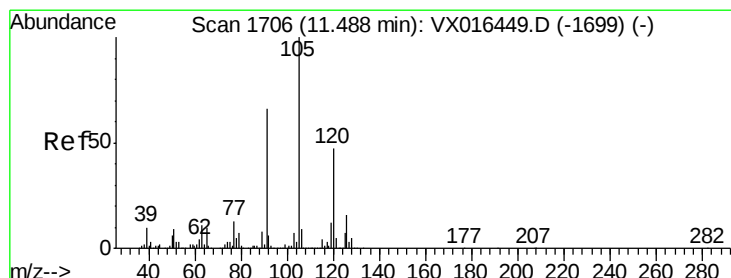
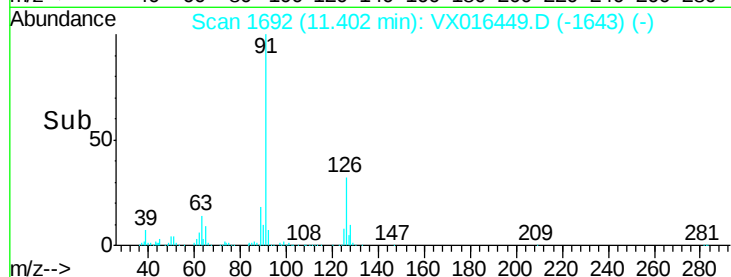
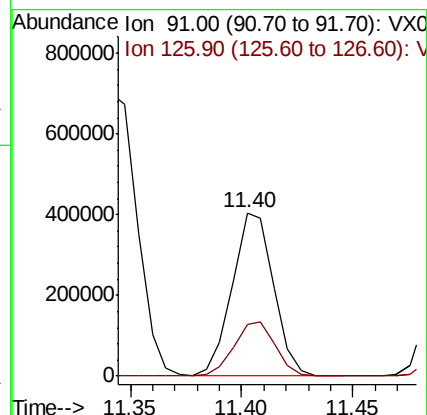
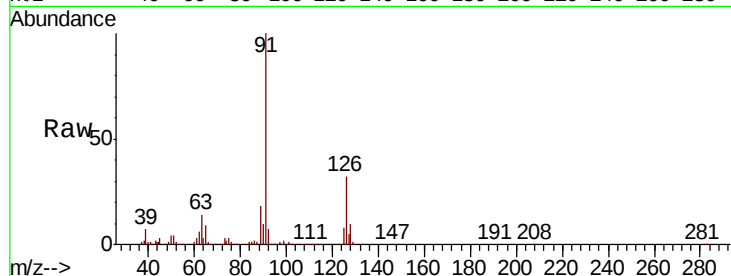
VSTDICCC050

Tot Ion: 91 Resp: 521655

Ion Ratio Lower Upper

91 100

126 33.5 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 49.534 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016449.D

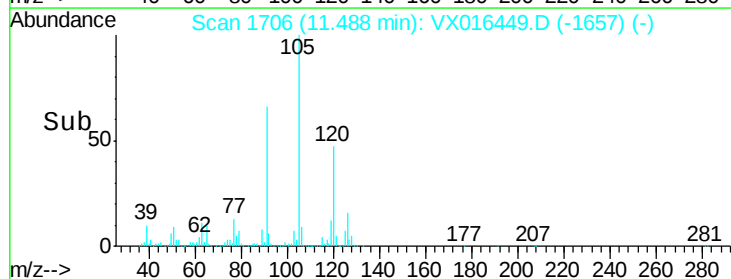
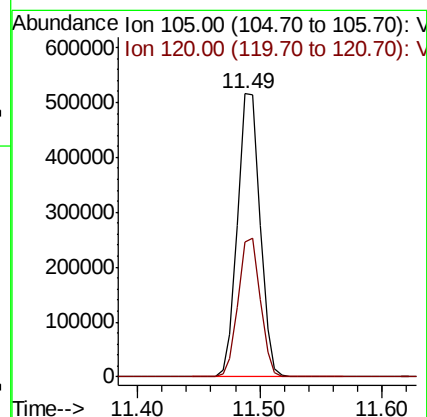
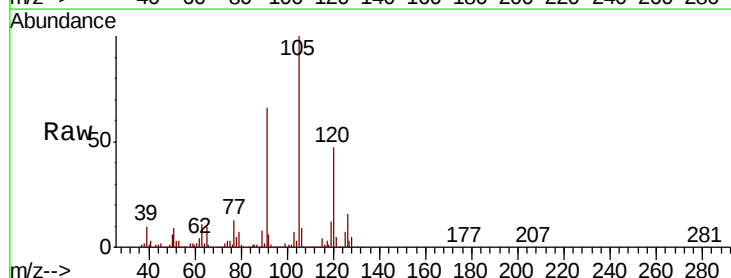
Acq: 27 May 2020 15:27

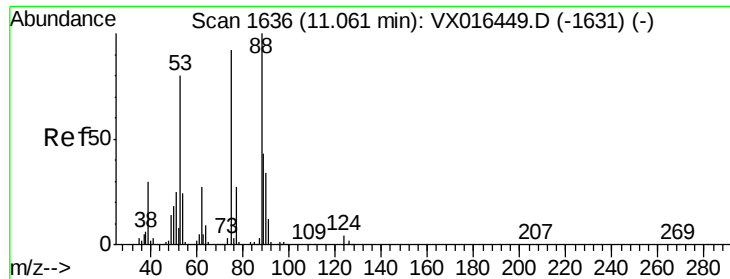
Tgt Ion: 105 Resp: 649890

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.286 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

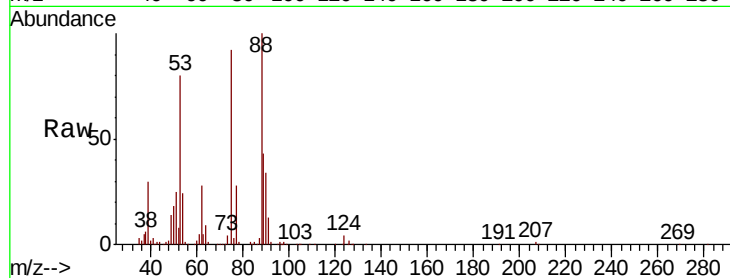
Tot Ion: 75 Resp: 97065

Ion Ratio Lower Upper

75 100

53 89.1 71.3 106.9

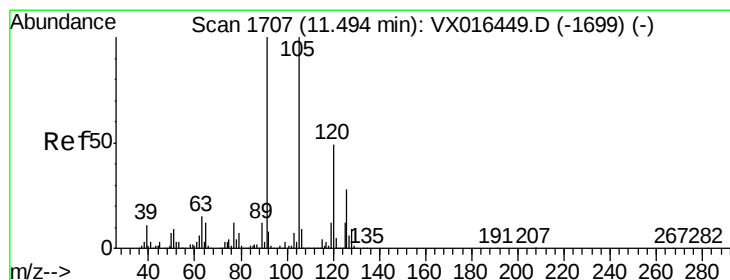
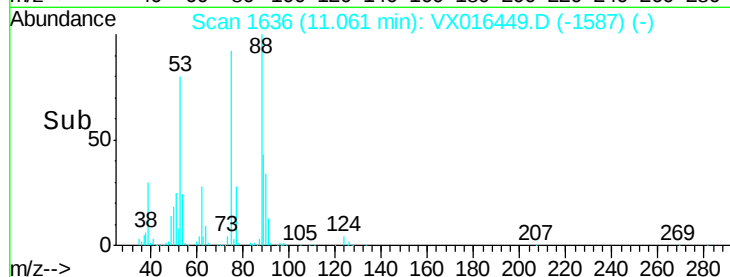
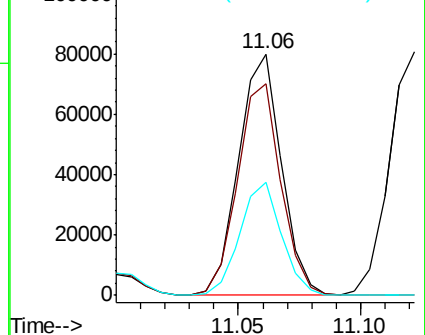
89 45.8 36.6 55.0



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: 48.935 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016449.D

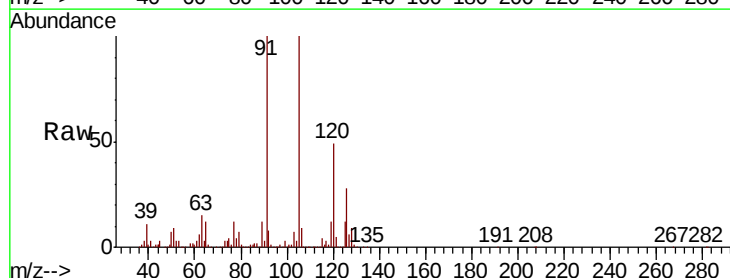
Acq: 27 May 2020 15:27

Tgt Ion: 91 Resp: 617002

Ion Ratio Lower Upper

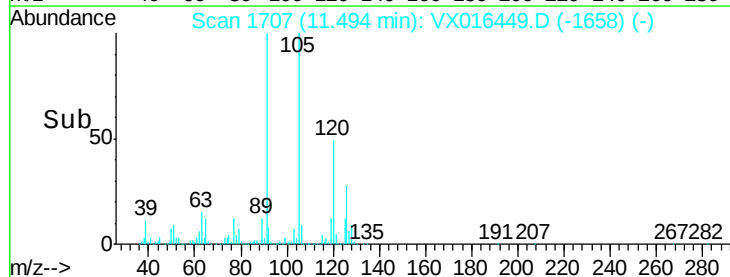
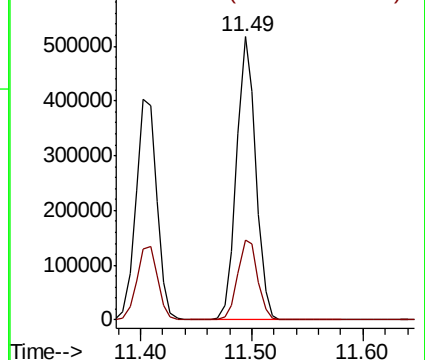
91 100

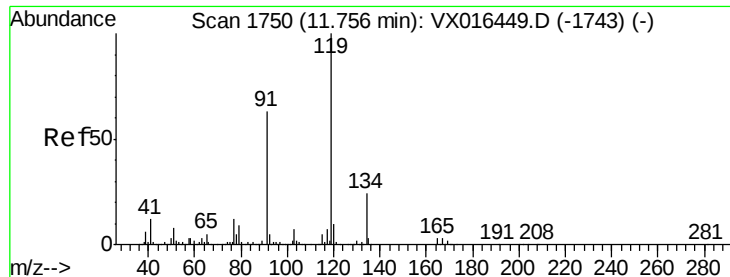
126 29.4 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.210 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

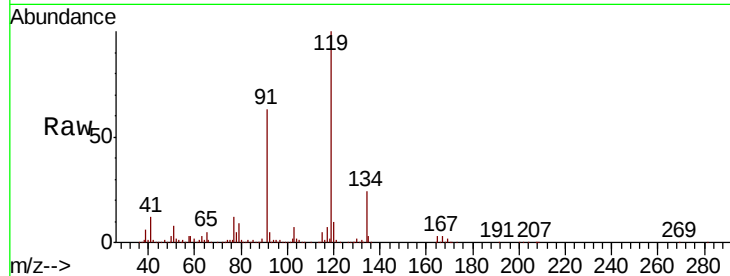
Tot Ion:119 Resp: 556882

Ion Ratio Lower Upper

119 100

91 62.5 31.3 93.8

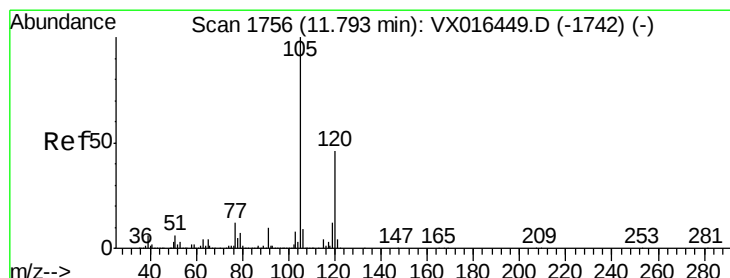
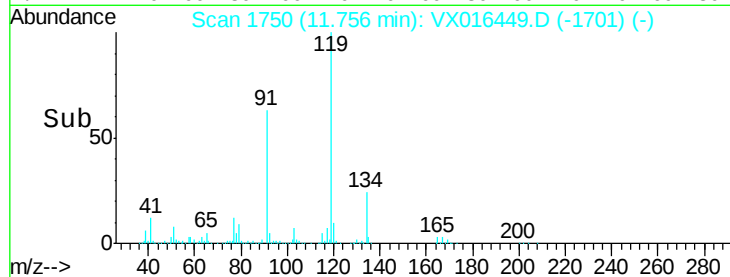
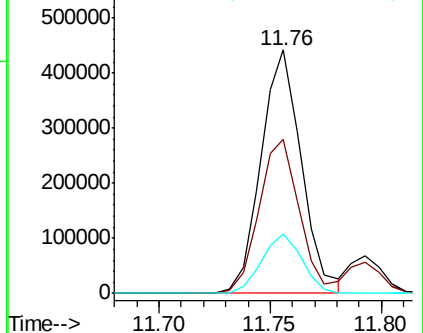
134 24.0 12.0 36.0



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: 49.430 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016449.D

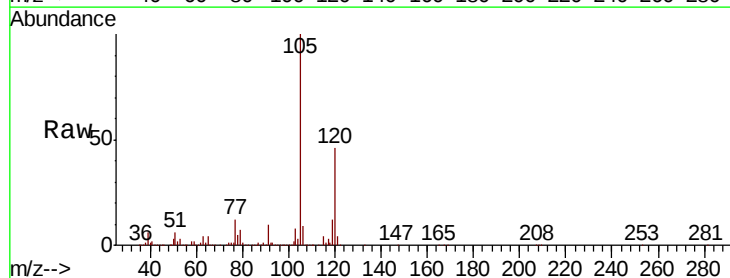
Acq: 27 May 2020 15:27

Tgt Ion:105 Resp: 655683

Ion Ratio Lower Upper

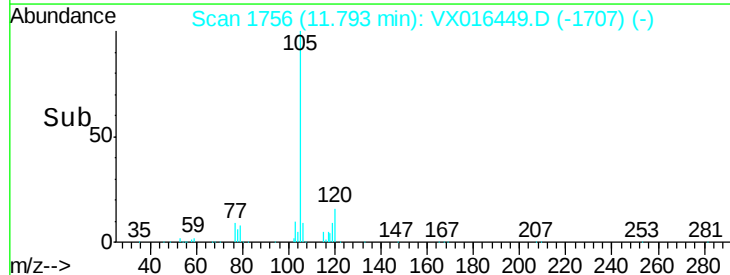
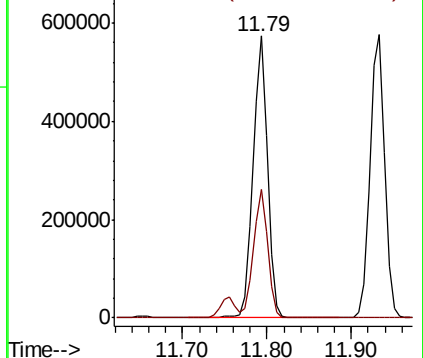
105 100

120 45.1 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

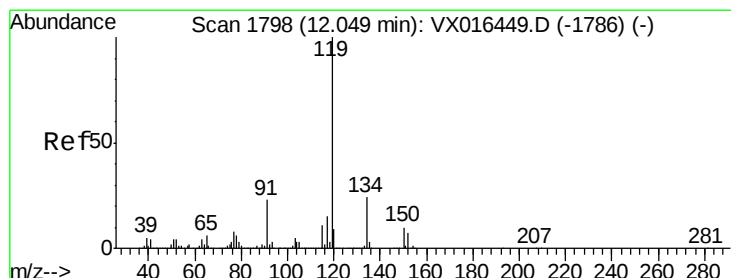
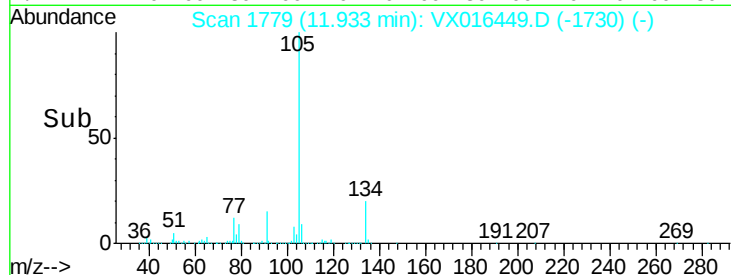
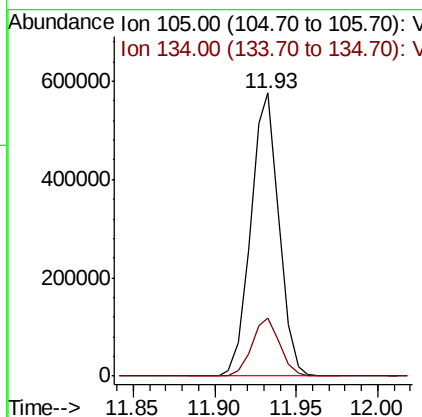
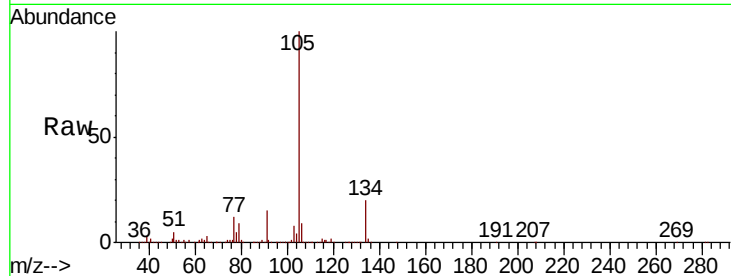




#85
 sec-Butylbenzene
 Concen: 45.881 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016449.D
 Acq: 27 May 2020 15:27

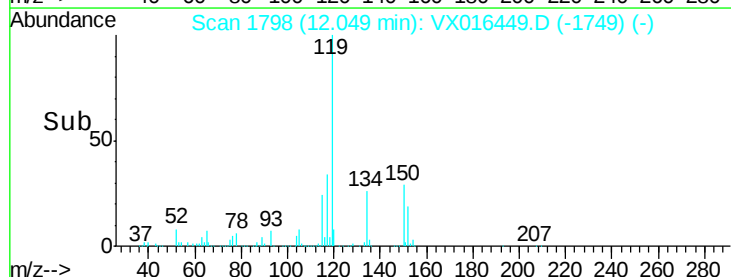
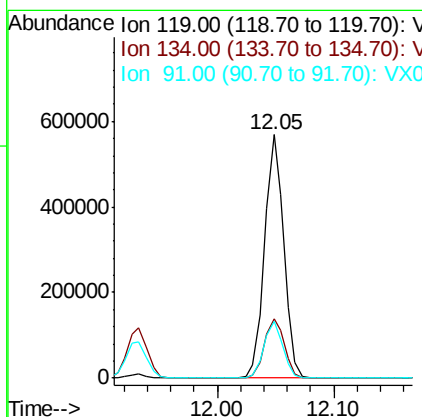
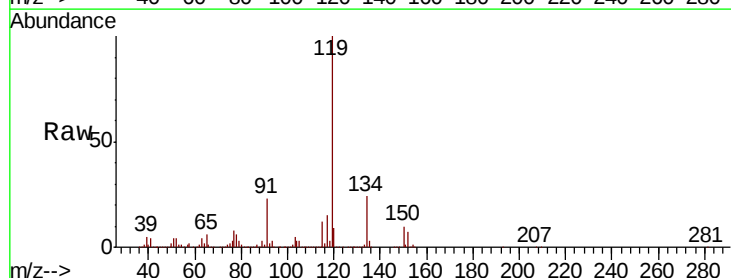
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

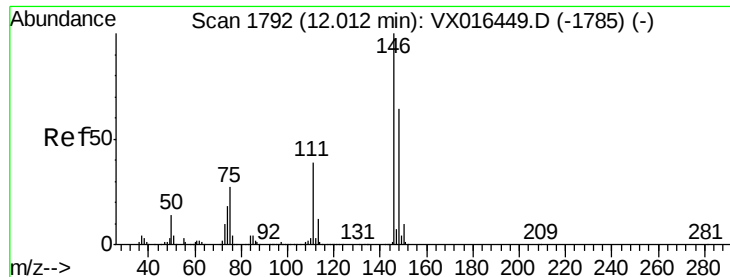
Tot Ion:105 Resp: 690929
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 46.685 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016449.D
 Acq: 27 May 2020 15:27

Tgt Ion:119 Resp: 653938
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.0
 91 23.3 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 47.738 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

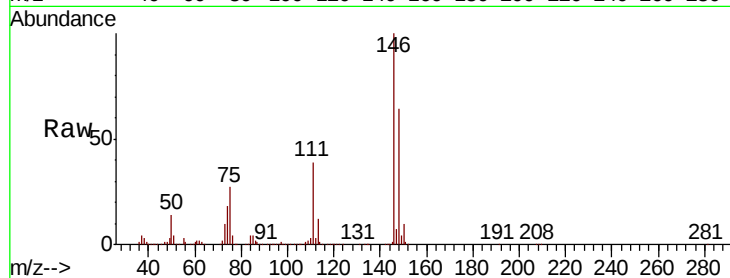
Tot Ion:146 Resp: 343702

Ion Ratio Lower Upper

146 100

111 40.0 20.0 60.0

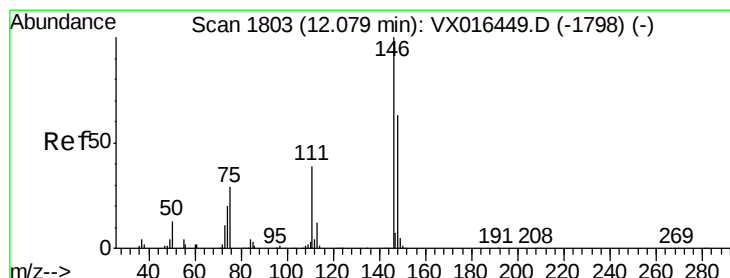
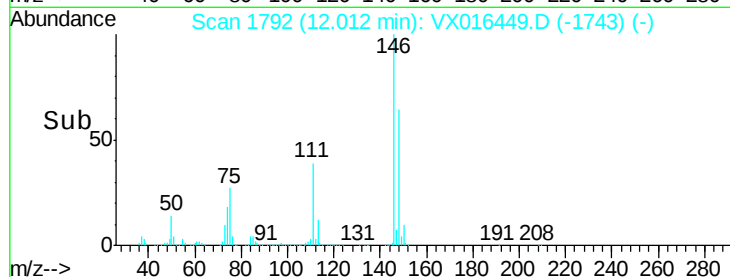
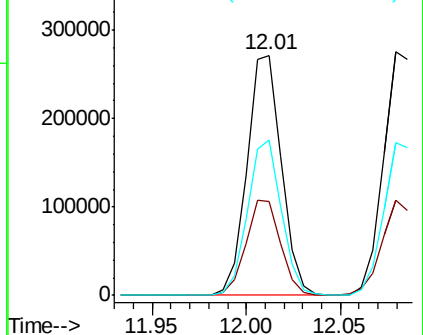
148 63.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.682 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

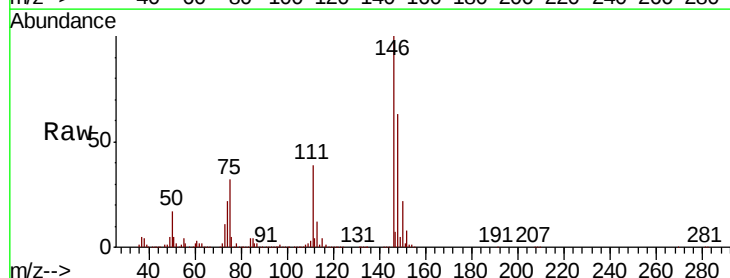
Tgt Ion:146 Resp: 348450

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

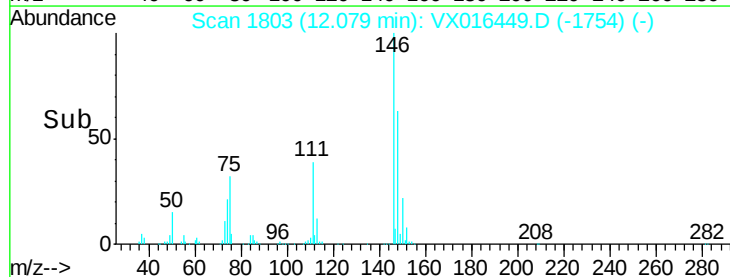
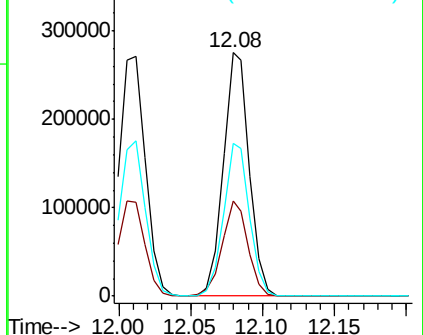
148 62.9 31.4 94.3

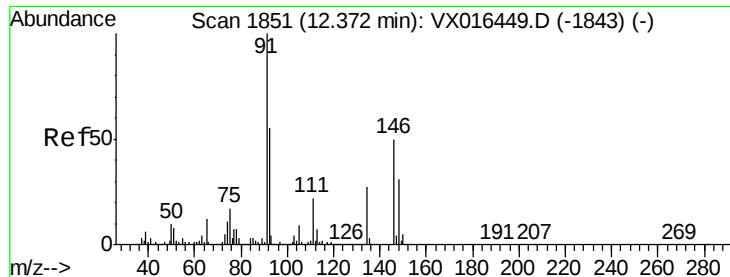


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

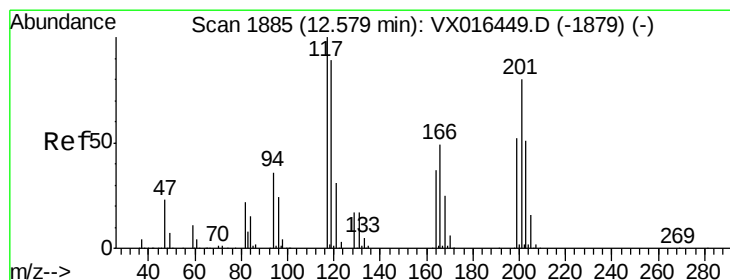
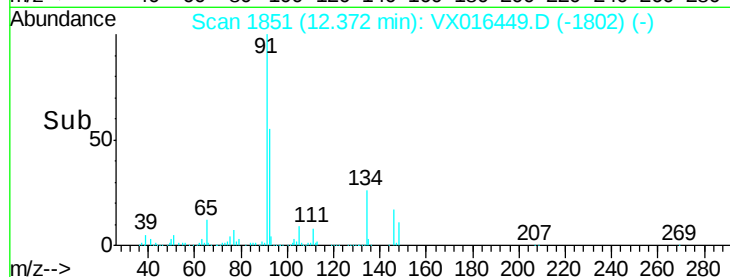
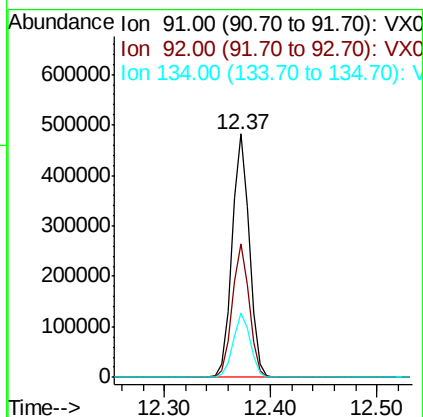
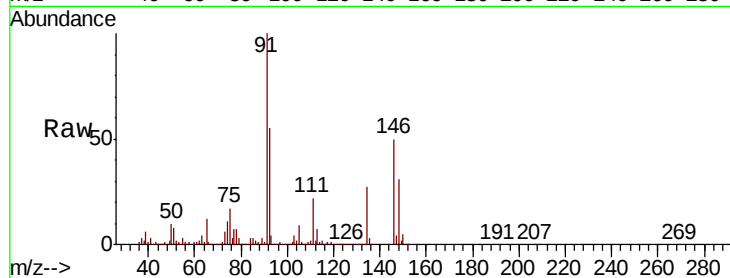




#89
n-Butylbenzene
Concen: 43.116 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

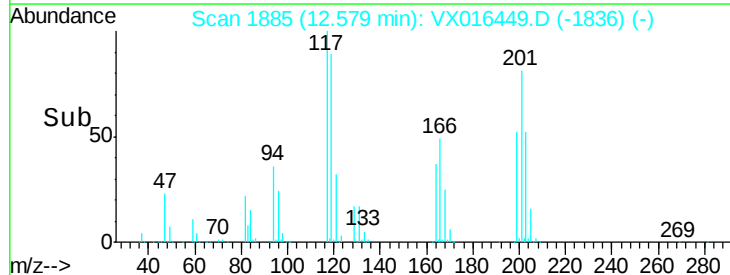
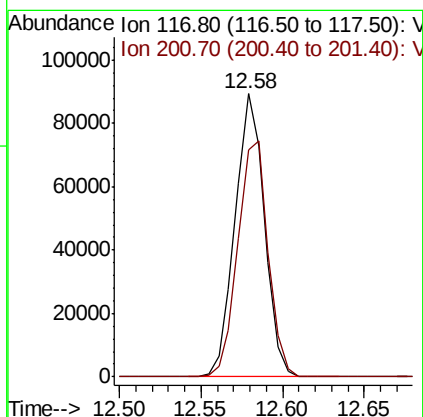
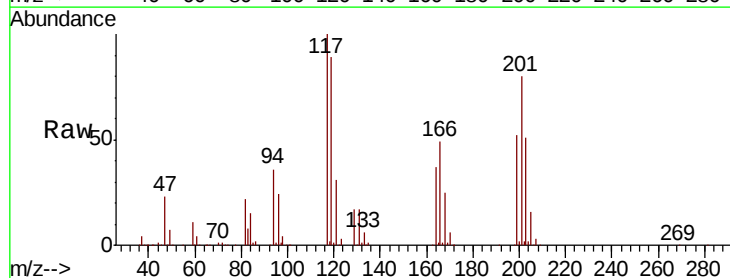
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

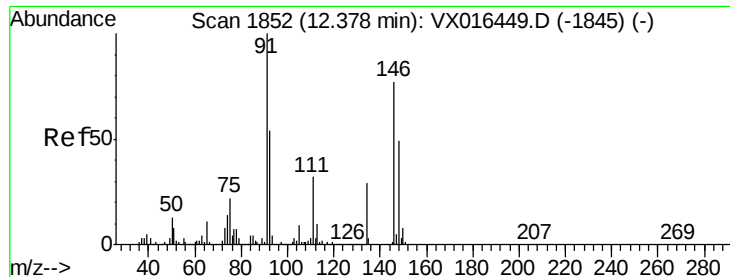
Tot Ion: 91 Resp: 546808
Ion Ratio Lower Upper
91 100
92 54.3 27.2 81.5
134 26.2 13.1 39.3



#90
Hexachloroethane
Concen: 46.716 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016449.D
Acq: 27 May 2020 15:27

Tgt Ion: 117 Resp: 112014
Ion Ratio Lower Upper
117 100
201 86.2 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 47.600 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

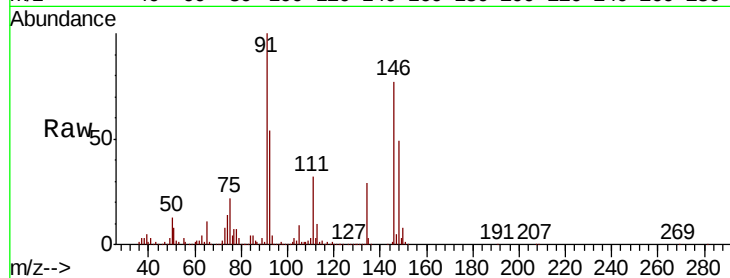
Tot Ion:146 Resp: 329792

Ion Ratio Lower Upper

146 100

111 42.9 21.4 64.3

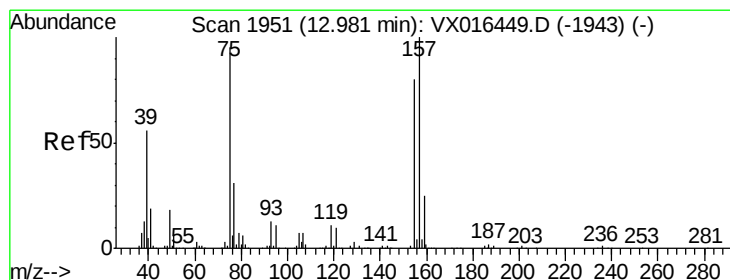
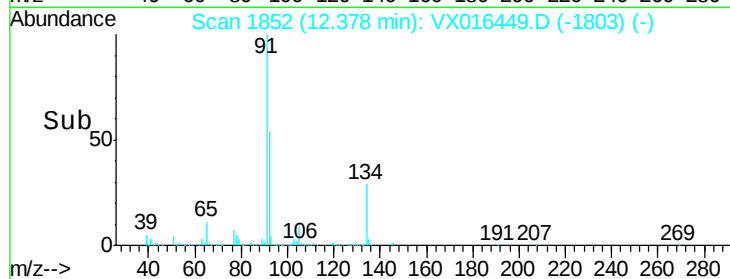
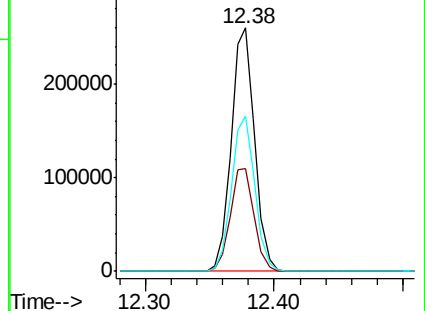
148 63.8 31.9 95.7



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: 48.195 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

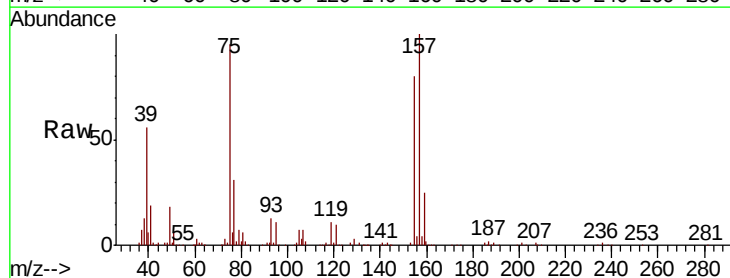
Tgt Ion: 75 Resp: 61587

Ion Ratio Lower Upper

75 100

155 88.3 44.1 132.4

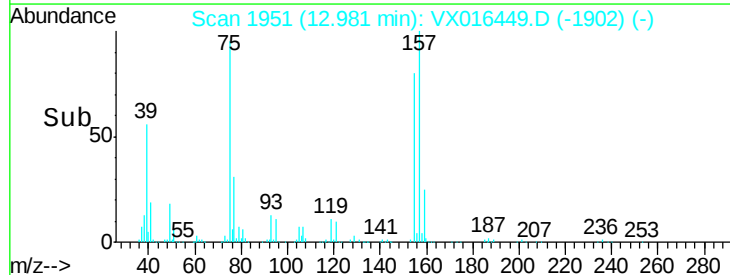
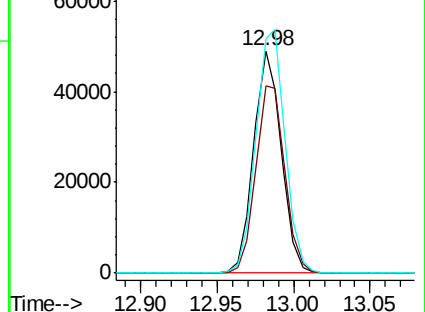
157 115.5 57.8 173.3

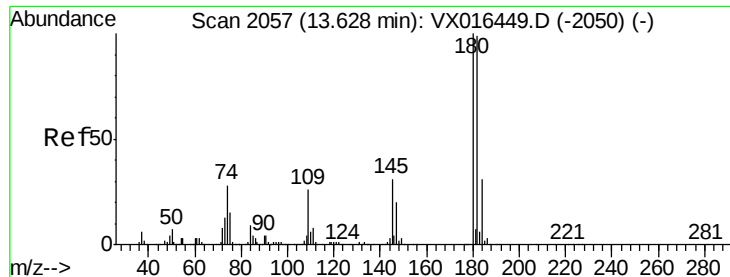


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

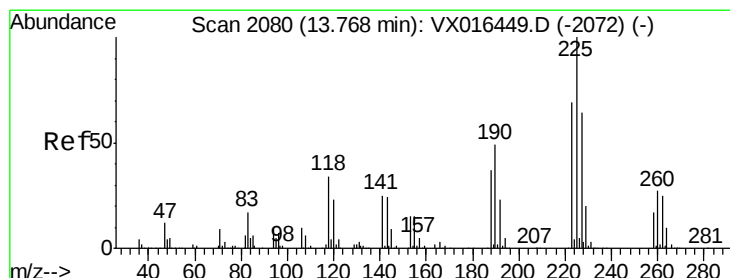
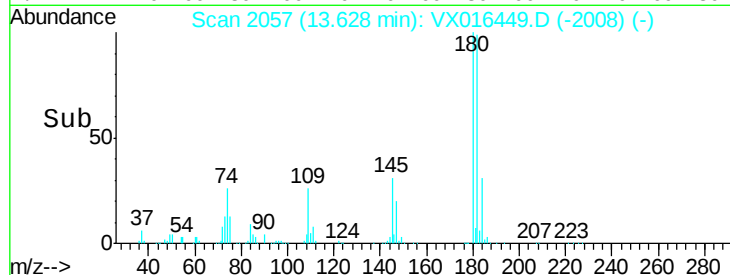
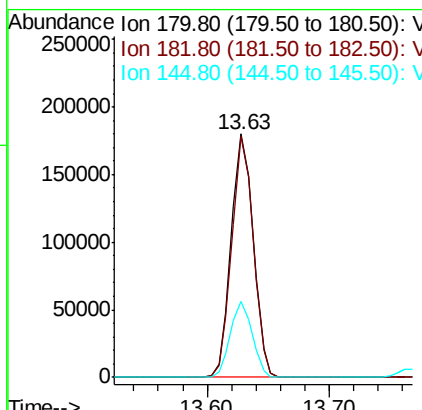
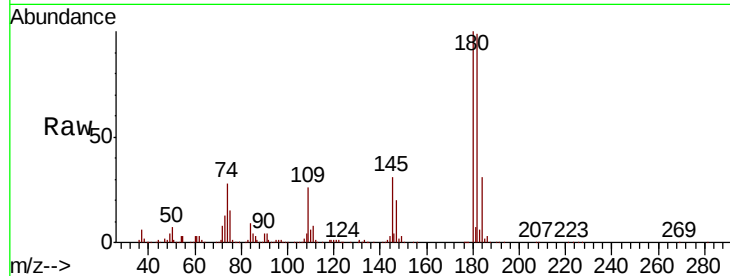




#93
 1,2,4-Trichlorobenzene
 Concen: 44.049 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016449.D
 Acq: 27 May 2020 15:27

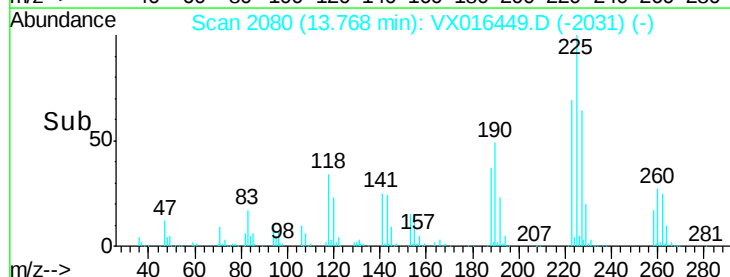
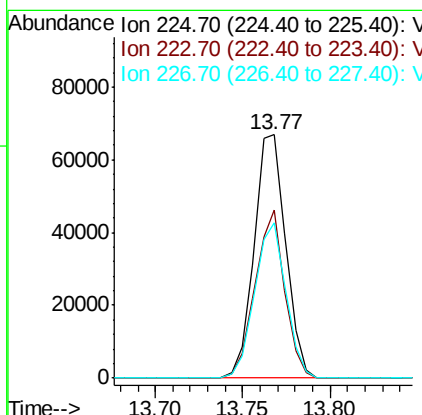
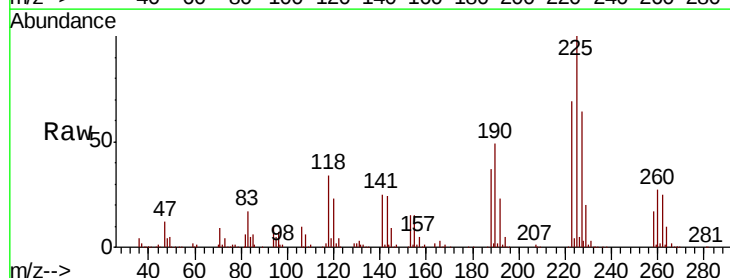
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

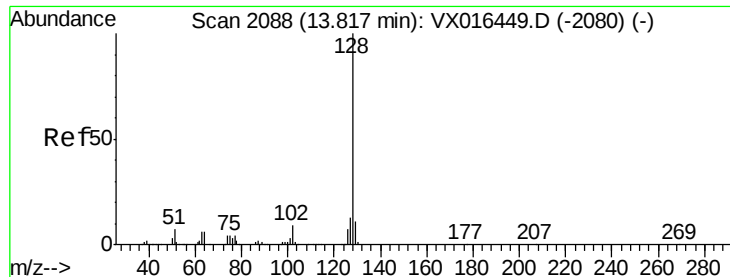
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.3	144.8
145	30.8	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 36.700 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016449.D
 Acq: 27 May 2020 15:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.3	96.8
227	63.1	31.6	94.7





#95

Naphthalene

Concen: 47.249 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

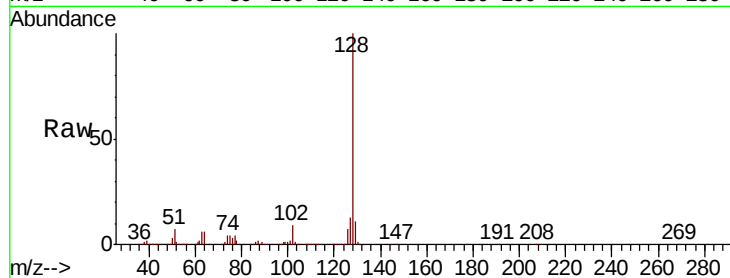
Tot Ion:128 Resp: 780542

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.8 8.6 13.0



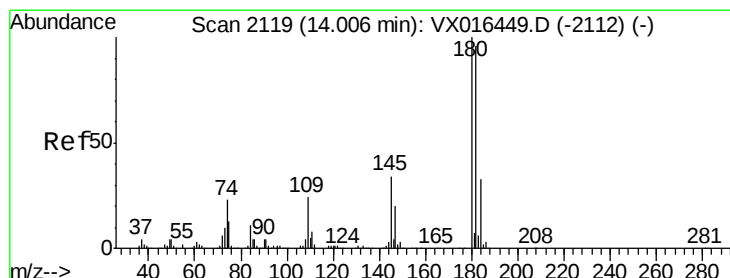
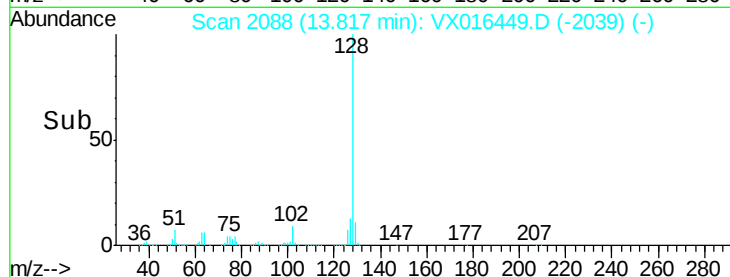
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.82

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 43.639 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX016449.D

Acq: 27 May 2020 15:27

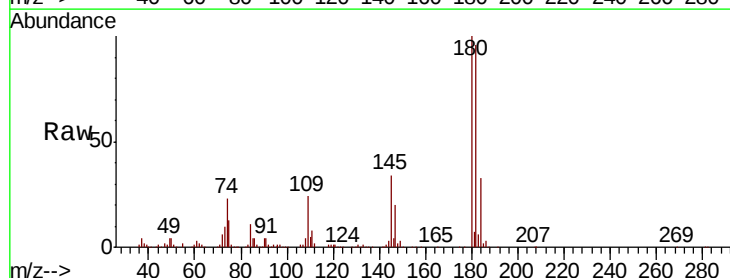
Tgt Ion:180 Resp: 215164

Ion Ratio Lower Upper

180 100

182 97.2 48.6 145.8

145 33.2 16.6 49.8



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

14.01

Time-->

