

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016423.D
 Acq On : 26 May 2020 13:39
 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 26 15:57:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	164354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	273444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	263228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	132321	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	106532	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
35) Dibromofluoromethane	5.46	113	86915	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
50) Toluene-d8	8.70	98	335383	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.12	95	123754	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	67101	40.246	ug/l	100
3) Chloromethane	1.32	50	84064	42.721	ug/l	100
4) Vinyl Chloride	1.39	62	110647	50.960	ug/l	100
5) Bromomethane	1.62	94	134703	95.197	ug/l	100
6) Chloroethane	1.71	64	77512	57.499	ug/l	100
7) Trichlorofluoromethane	1.92	101	178778	60.534	ug/l	100
8) Diethyl Ether	2.17	74	71087	57.548	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75623	46.877	ug/l	100
10) Methyl Iodide	2.49	142	84380	40.697	ug/l	100
11) Tert butyl alcohol	3.02	59	120481	225.603	ug/l	100
12) 1,1-Dichloroethene	2.36	96	77957	46.205	ug/l	100
13) Acrolein	2.28	56	61058	188.280	ug/l	100
14) Allyl chloride	2.71	41	129569	42.520	ug/l	100
15) Acrylonitrile	3.12	53	247486	222.467	ug/l	100
16) Acetone	2.42	43	211930	223.743	ug/l	100
17) Carbon Disulfide	2.55	76	232397	40.526	ug/l	100
18) Methyl Acetate	2.75	43	103220	44.351	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	283445	48.465	ug/l	100
20) Methylene Chloride	2.84	84	89358	45.325	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	91223	47.842	ug/l	100
22) Diisopropyl ether	3.82	45	270391	46.338	ug/l	100
23) Vinyl Acetate	3.79	43	1211657	236.454	ug/l	100
24) 1,1-Dichloroethane	3.67	63	157664	47.982	ug/l	100
25) 2-Butanone	4.64	43	354629	232.067	ug/l	100
26) 2,2-Dichloropropane	4.56	77	143835	47.814	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	105674	50.510	ug/l	100
28) Bromochloromethane	4.98	49	71987	47.830	ug/l	100
29) Tetrahydrofuran	5.09	42	230664	228.115	ug/l	100
30) Chloroform	5.18	83	167704	50.763	ug/l	100
31) Cyclohexane	5.55	56	134451	45.804	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	155005	51.455	ug/l	100
36) 1,1-Dichloropropene	5.77	75	125667	46.979	ug/l	100
37) Ethyl Acetate	4.79	43	136112	44.613	ug/l	100
38) Carbon Tetrachloride	5.76	117	134315	49.187	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016423.D
 Acq On : 26 May 2020 13:39
 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 26 15:57:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	138248	43.661	ug/l	100
40) Benzene	6.12	78	376050	47.976	ug/l	100
41) Methacrylonitrile	5.00	41	73626	44.711	ug/l	100
42) 1,2-Dichloroethane	6.17	62	134050	47.539	ug/l	100
43) Isopropyl Acetate	6.42	43	220339	45.124	ug/l	100
44) Trichloroethene	7.19	130	125310	45.245	ug/l	100
45) 1,2-Dichloropropane	7.49	63	92499	46.977	ug/l	100
46) Dibromomethane	7.64	93	68644	50.431	ug/l	100
47) Bromodichloromethane	7.88	83	136571	49.680	ug/l	100
48) Methyl methacrylate	7.74	41	101288	44.026	ug/l	100
49) 1,4-Dioxane	7.72	88	53085	947.843	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	702273	234.767	ug/l	100
52) Toluene	8.77	92	244908	49.910	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	156645	47.943	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	160092	47.108	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	99577	51.358	ug/l	100
56) Ethyl methacrylate	9.16	69	151142	48.508	ug/l	100
57) 1,3-Dichloropropane	9.35	76	164634	49.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	389544	235.286	ug/l	100
59) 2-Hexanone	9.48	43	550199	234.002	ug/l	100
60) Dibromochloromethane	9.57	129	115761	53.901	ug/l	100
61) 1,2-Dibromoethane	9.65	107	111054	52.729	ug/l	100
64) Tetrachloroethene	9.32	164	145655	45.652	ug/l	100
65) Chlorobenzene	10.12	112	268640	48.871	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	102845	50.477	ug/l	100
67) Ethyl Benzene	10.24	91	469161	48.132	ug/l	100
68) m/p-Xylenes	10.34	106	363546	99.261	ug/l	100
69) o-Xylene	10.68	106	176225	49.955	ug/l	100
70) Styrene	10.70	104	298189	49.975	ug/l	100
71) Bromoform	10.84	173	87828	52.823	ug/l	100
73) Isopropylbenzene	11.00	105	460198	48.203	ug/l	100
74) N-amyl acetate	10.88	43	191441	43.770	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	110594	63.079	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	183941	62.117	ug/l	83
77) Bromobenzene	11.24	156	119519	48.181	ug/l	100
78) n-propylbenzene	11.34	91	519003	46.841	ug/l	100
79) 2-Chlorotoluene	11.40	91	306223	46.735	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	385166	47.809	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	58033	46.993	ug/l	100
82) 4-Chlorotoluene	11.49	91	366261	47.292	ug/l	100
83) tert-Butylbenzene	11.76	119	327127	47.141	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	383354	47.165	ug/l	100
85) sec-Butylbenzene	11.93	105	419132	45.147	ug/l	100
86) p-Isopropyltoluene	12.05	119	385690	44.857	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	206406	46.582	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	209968	46.660	ug/l	100
89) n-Butylbenzene	12.37	91	329162	42.139	ug/l	100
90) Hexachloroethane	12.58	117	70376	47.353	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	205253	47.866	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	35364	45.279	ug/l	100

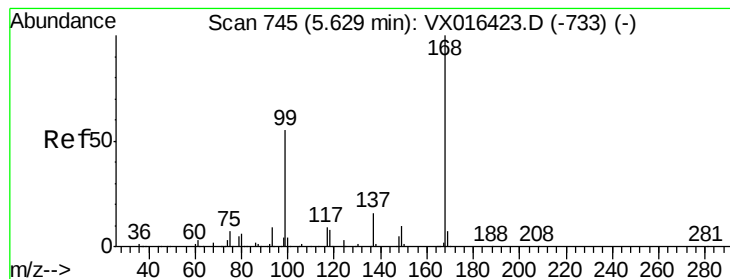
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052620\
Data File : VX016423.D
Acq On : 26 May 2020 13:39
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: May 26 15:57:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
Quant Title : SW846 8260
QLast Update : Tue May 26 15:50:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	128421	41.302	ug/l	100
94) Hexachlorobutadiene	13.77	225	44611	32.085	ug/l	100
95) Naphthalene	13.82	128	473443	46.493	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	125861	41.614	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: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

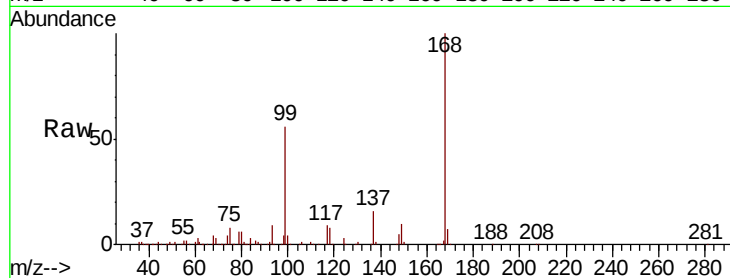
VSTDICCC050

Tot Ion:168 Resp: 164354

Ion Ratio Lower Upper

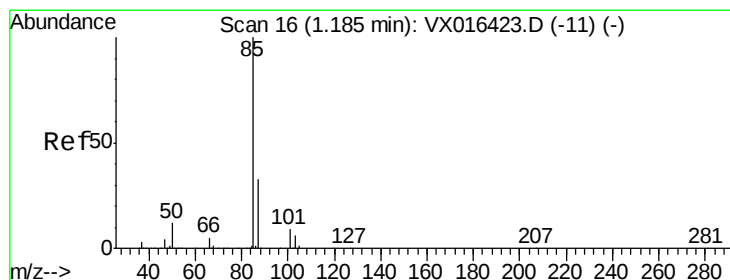
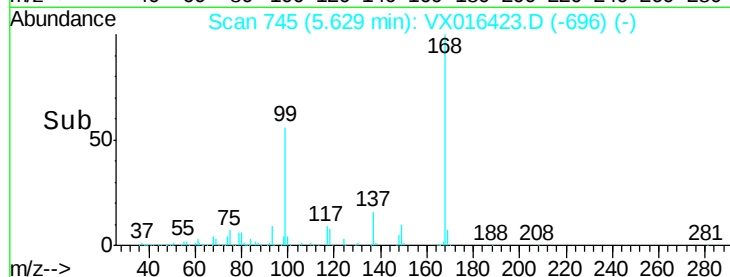
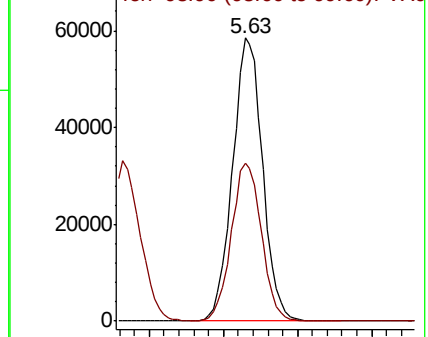
168 100

99 55.5 44.4 66.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 40.246 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016423.D

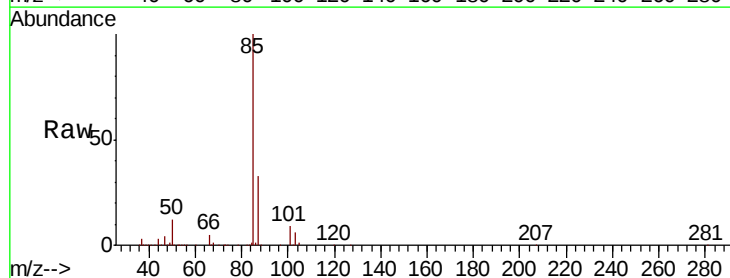
Acq: 26 May 2020 13:39

Tgt Ion: 85 Resp: 67101

Ion Ratio Lower Upper

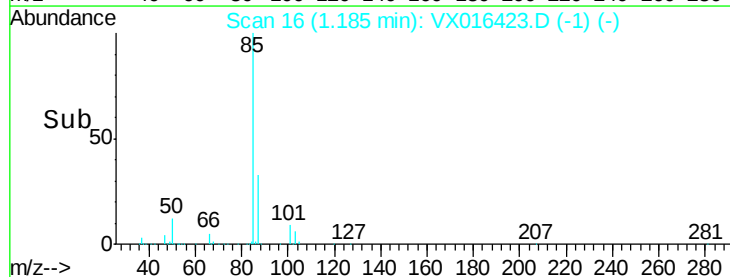
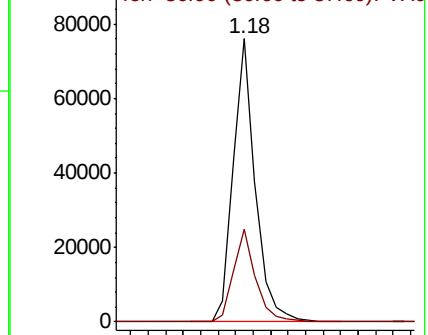
85 100

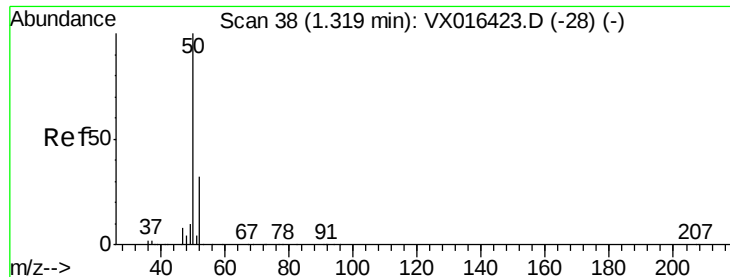
87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.721 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

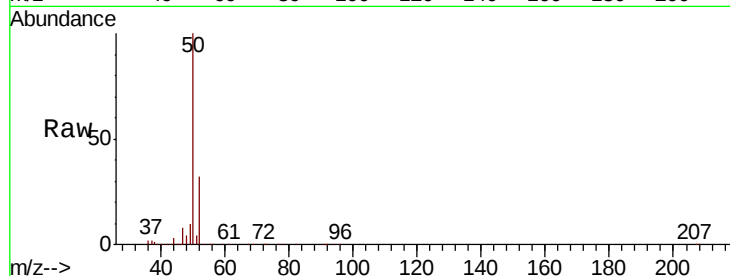
VSTDICCC050

Tot Ion: 50 Resp: 84064

Ion Ratio Lower Upper

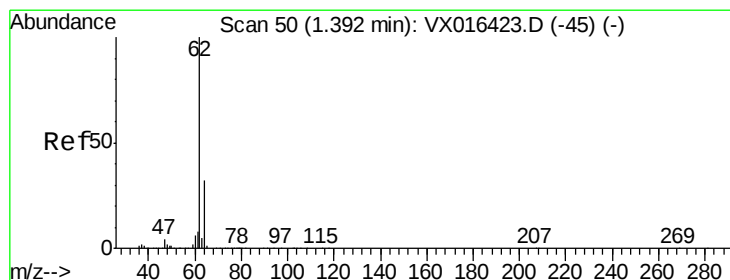
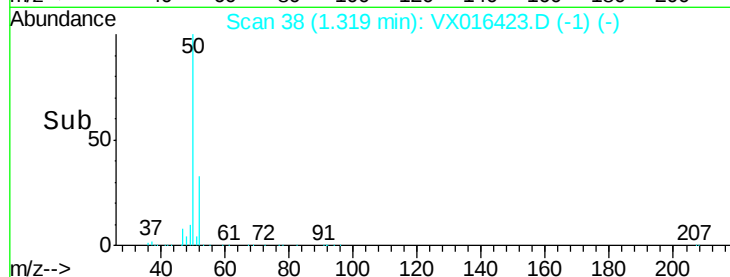
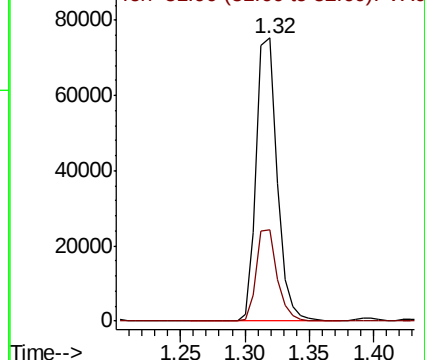
50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.960 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016423.D

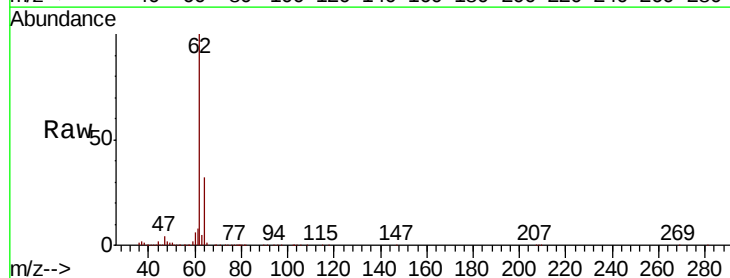
Acq: 26 May 2020 13:39

Tgt Ion: 62 Resp: 110647

Ion Ratio Lower Upper

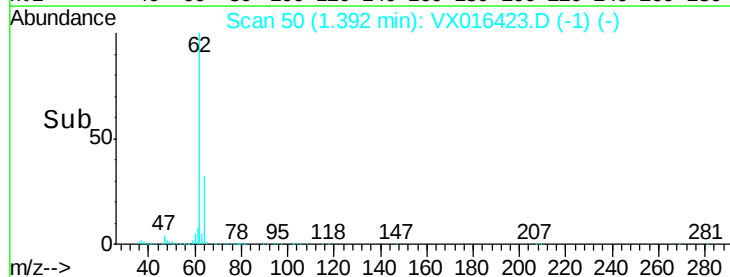
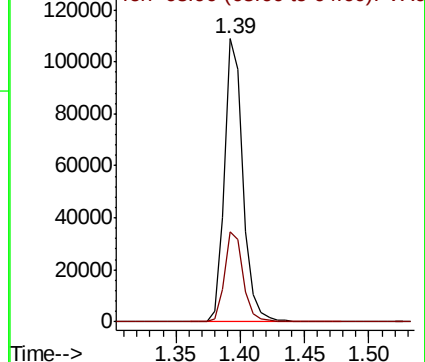
62 100

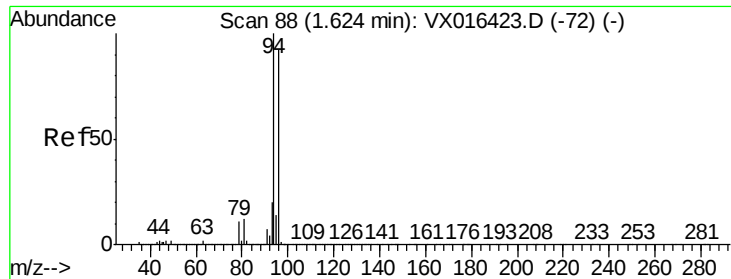
64 31.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 95.197 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

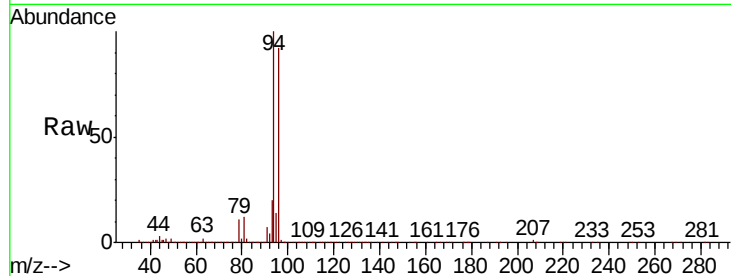
VSTDICCC050

Tot Ion: 94 Resp: 134703

Ion Ratio Lower Upper

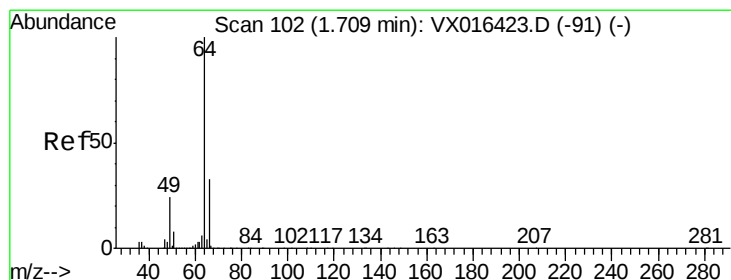
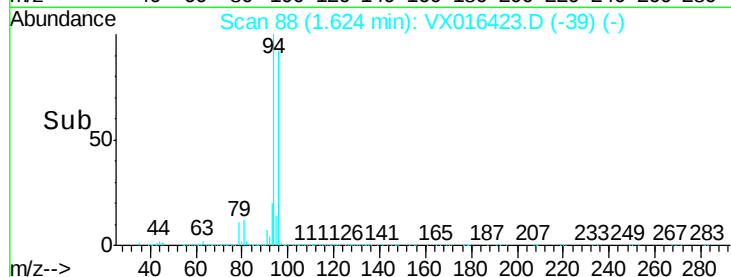
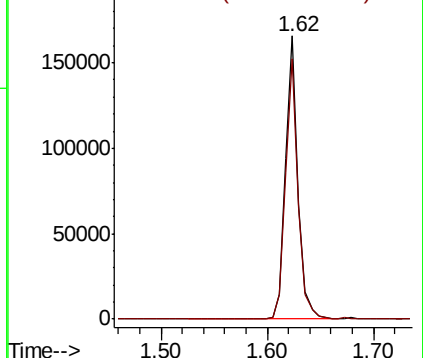
94 100

96 92.1 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 57.499 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016423.D

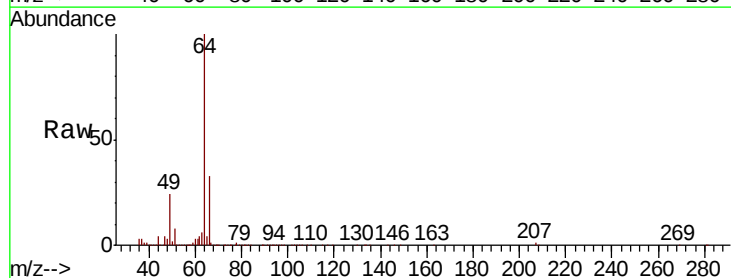
Acq: 26 May 2020 13:39

Tgt Ion: 64 Resp: 77512

Ion Ratio Lower Upper

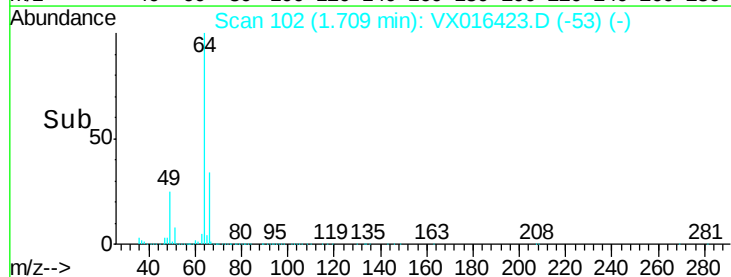
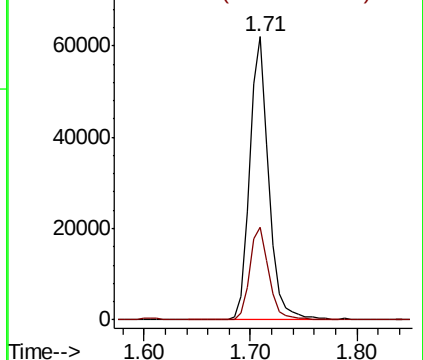
64 100

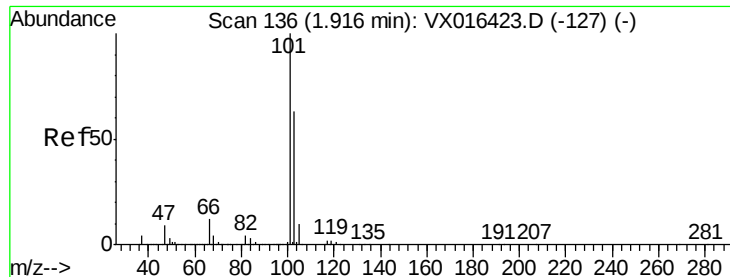
66 32.5 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



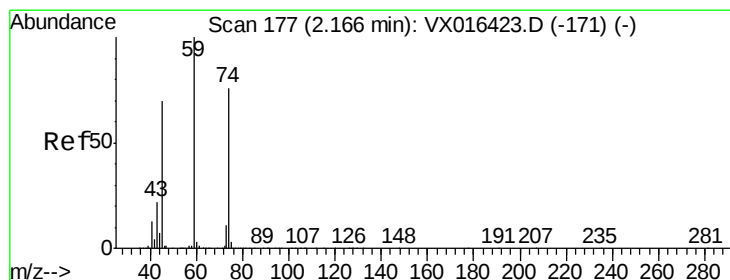
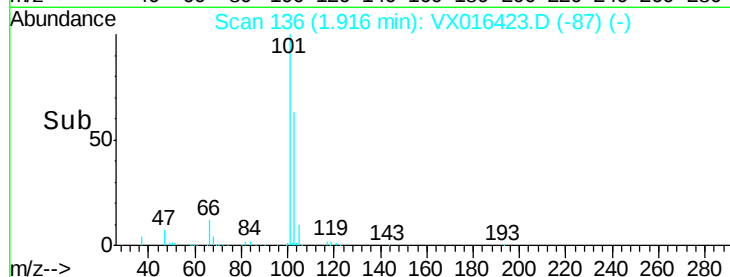
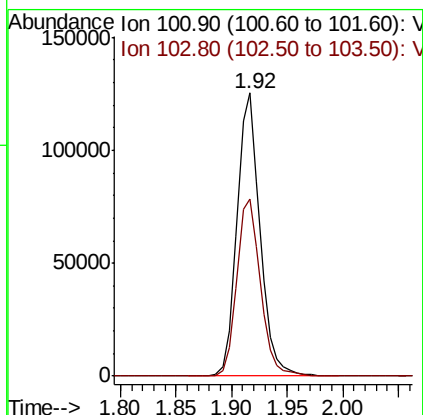
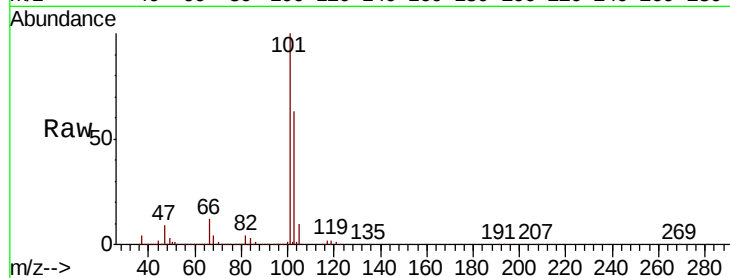


#7

Trichlorofluoromethane
Concen: 60.534 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

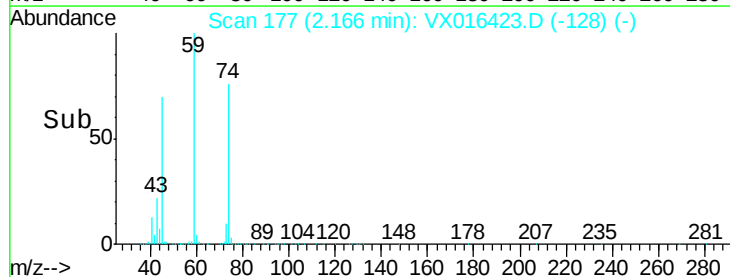
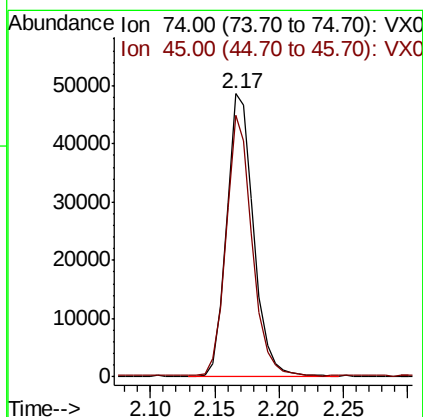
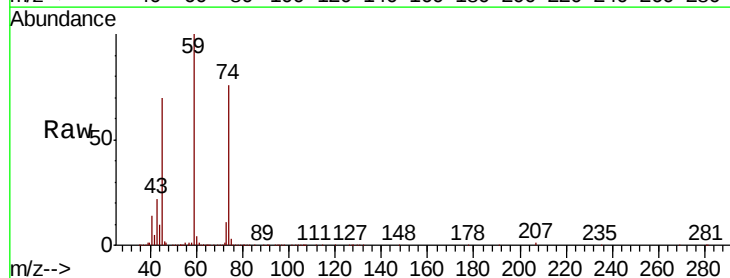
Tot Ion:101 Resp: 178778
Ion Ratio Lower Upper
101 100
103 62.6 50.1 75.1

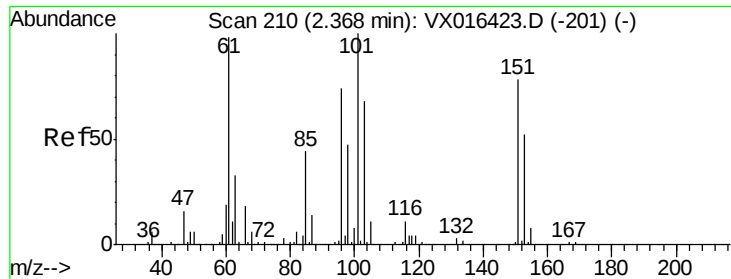


#8

Diethyl Ether
Concen: 57.548 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion: 74 Resp: 71087
Ion Ratio Lower Upper
74 100
45 88.8 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.877 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

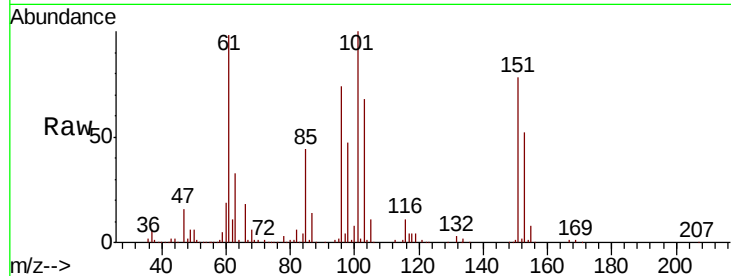
Tot Ion:101 Resp: 75623

Ion Ratio Lower Upper

101 100

85 45.3 36.2 54.4

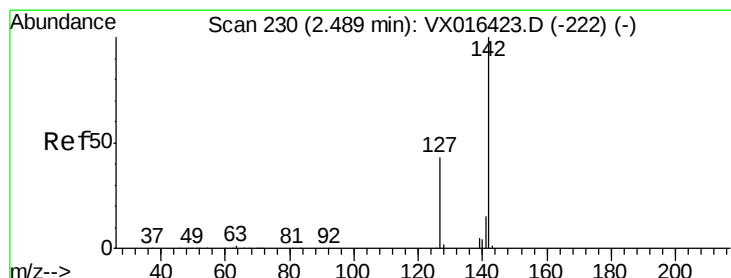
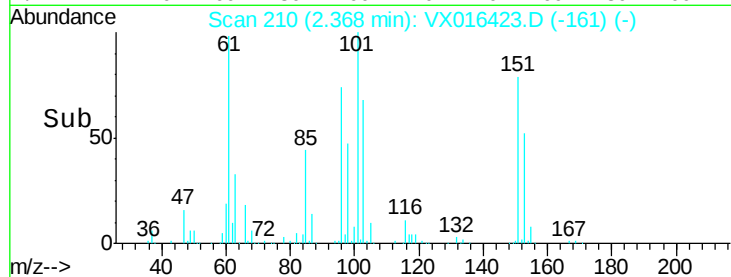
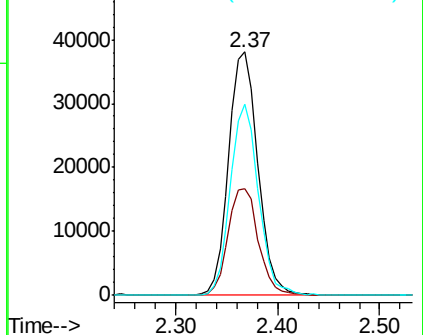
151 75.5 60.4 90.6



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: 40.697 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

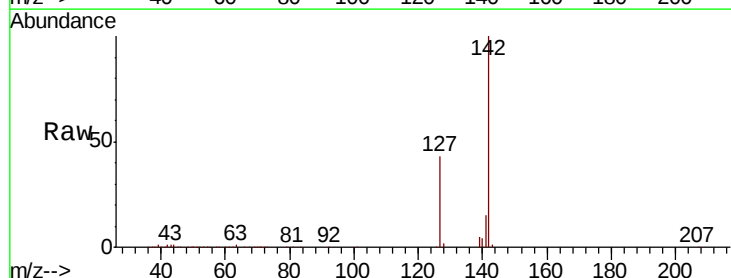
Tgt Ion:142 Resp: 84380

Ion Ratio Lower Upper

142 100

127 45.3 36.2 54.4

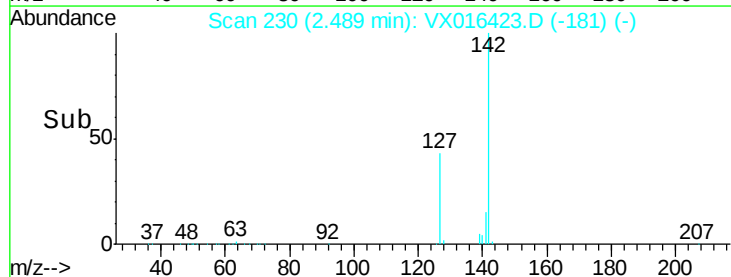
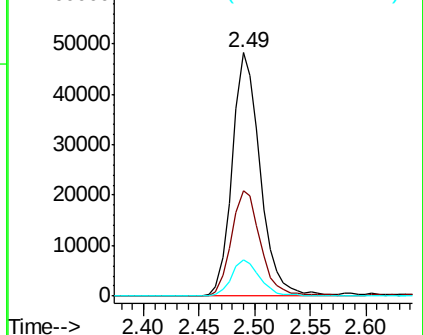
141 15.2 12.2 18.2

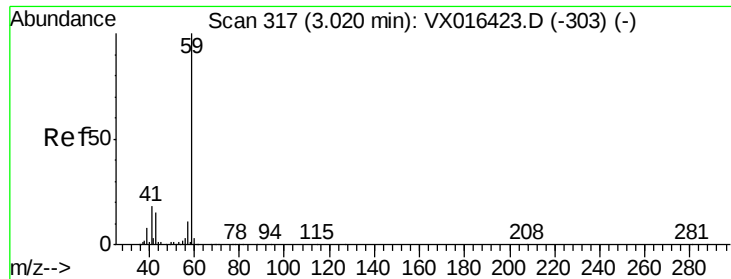


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



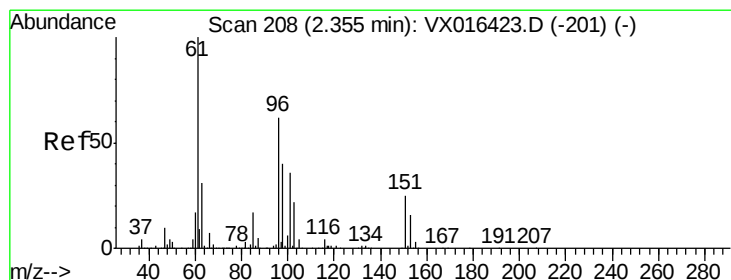
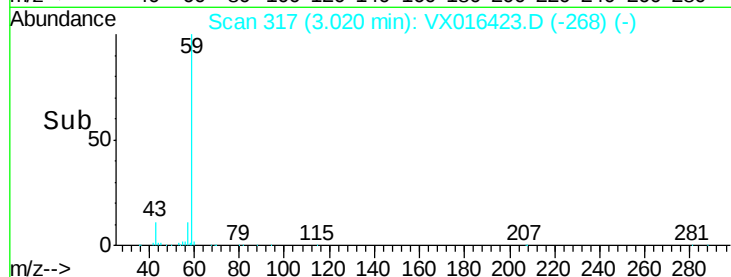
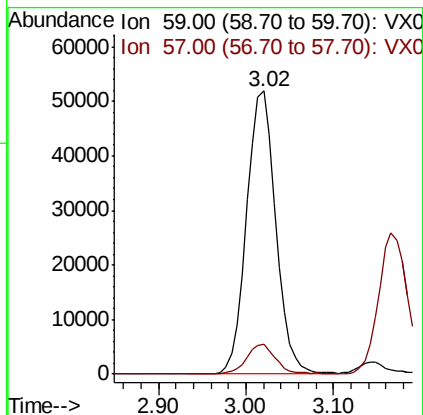
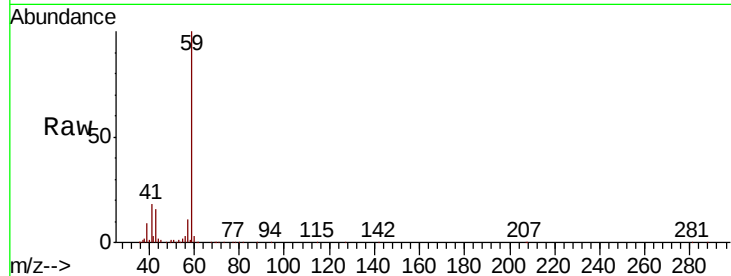


#11

Tert butyl alcohol
Concen: 225.603 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

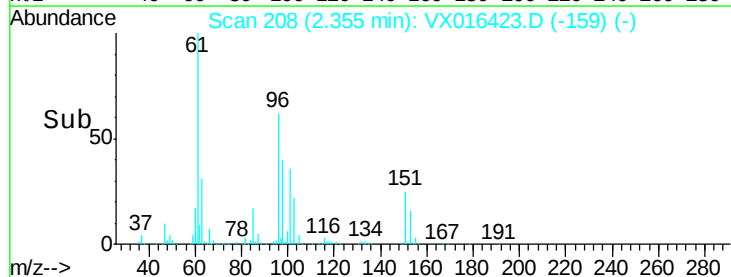
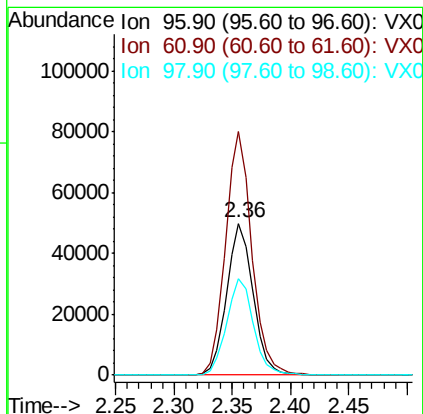
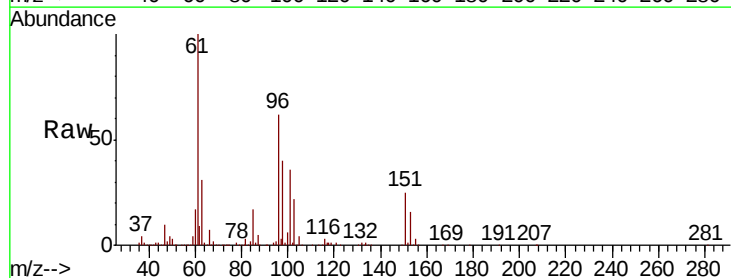
Tot Ion: 59 Resp: 120481
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

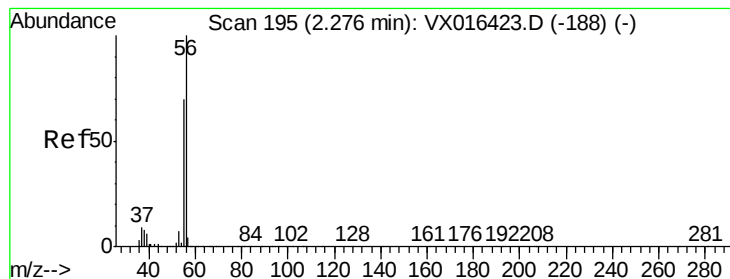


#12

1,1-Dichloroethene
Concen: 46.205 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion: 96 Resp: 77957
Ion Ratio Lower Upper
96 100
61 160.3 128.2 192.4
98 63.5 50.8 76.2





#13

Acrolein

Concen: 188.280 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

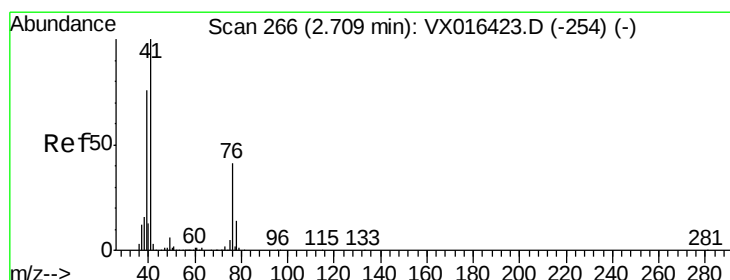
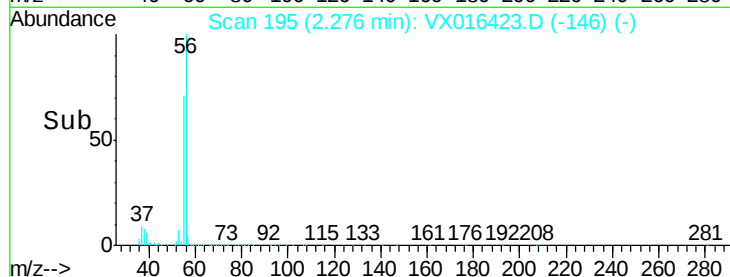
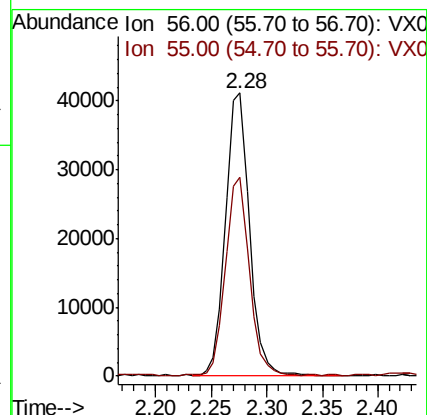
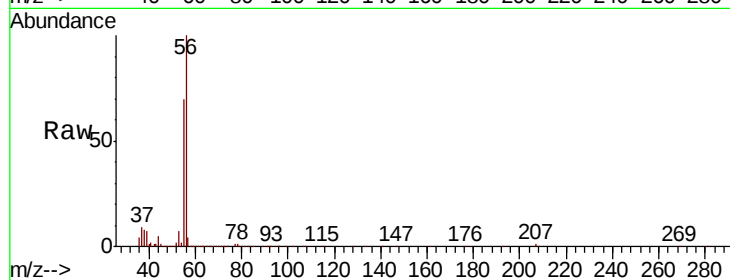
VSTDICCC050

Tot Ion: 56 Resp: 61058

Ion Ratio Lower Upper

56 100

55 70.6 56.5 84.7



#14

Allyl chloride

Concen: 42.520 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

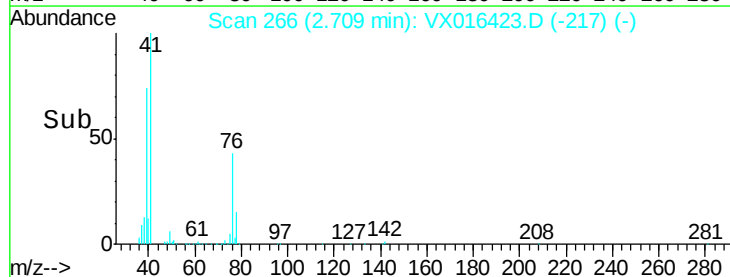
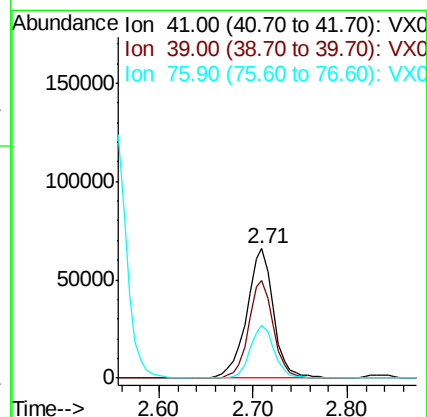
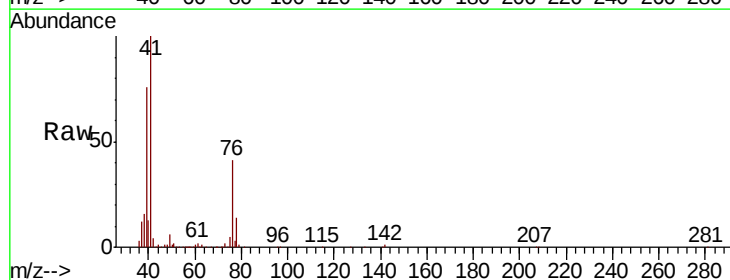
Tgt Ion: 41 Resp: 129569

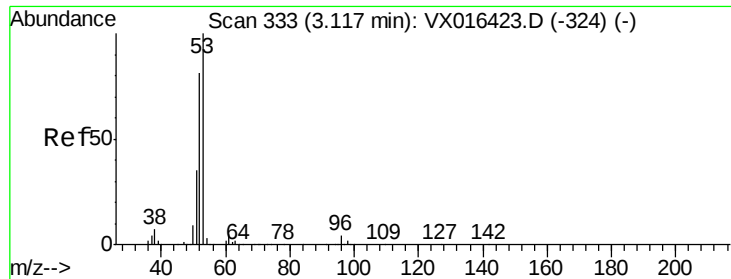
Ion Ratio Lower Upper

41 100

39 69.8 55.8 83.8

76 37.0 29.6 44.4





#15

Acrylonitrile

Concen: 222.467 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

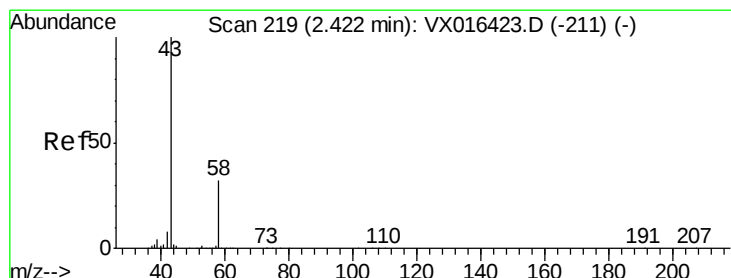
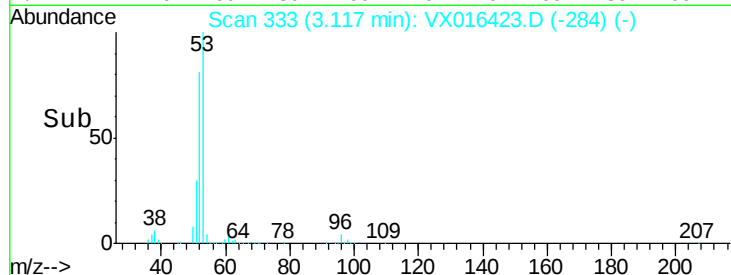
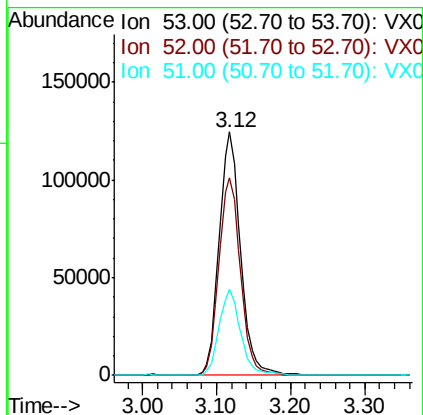
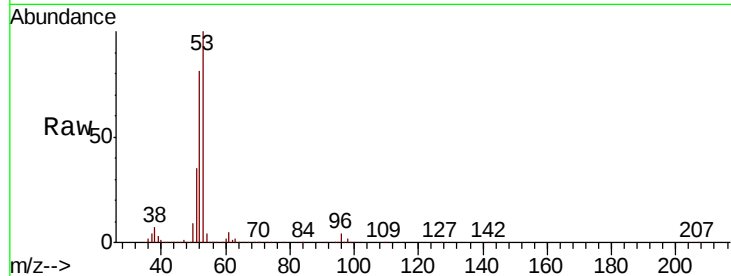
Tot Ion: 53 Resp: 247486

Ion Ratio Lower Upper

53 100

52 81.8 65.4 98.2

51 35.5 28.4 42.6



#16

Acetone

Concen: 223.743 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX016423.D

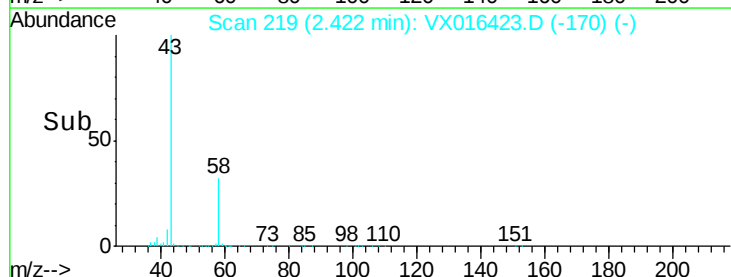
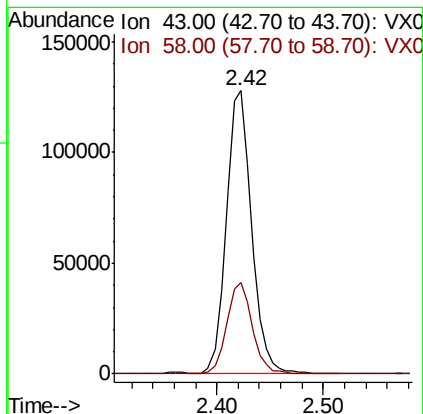
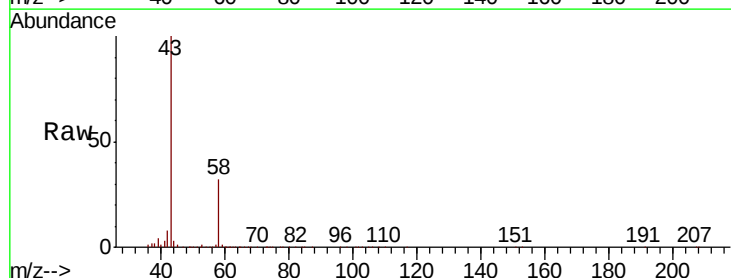
Acq: 26 May 2020 13:39

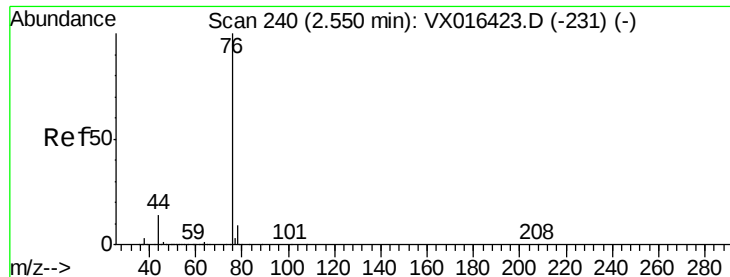
Tgt Ion: 43 Resp: 211930

Ion Ratio Lower Upper

43 100

58 32.5 26.0 39.0





#17

Carbon Disulfide

Concen: 40.526 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

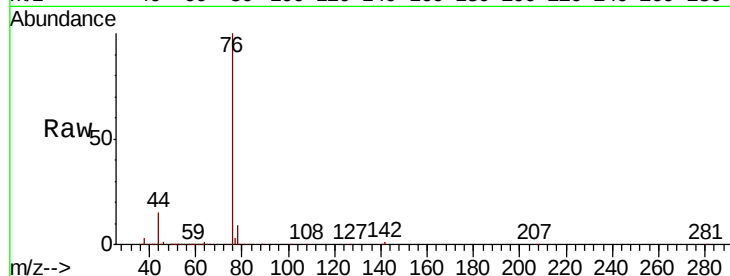
VSTDICCC050

Tot Ion: 76 Resp: 232397

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

2.55

150000

100000

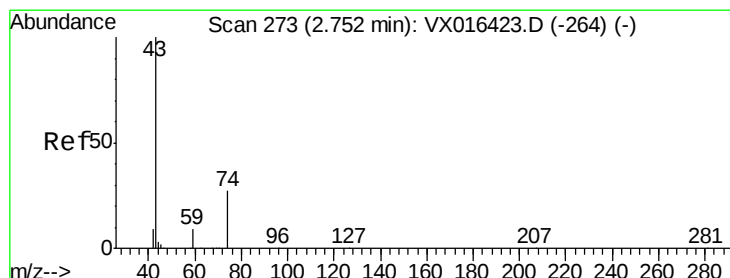
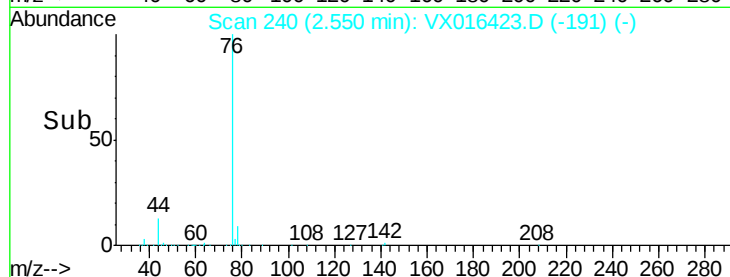
50000

0

Time-->

2.50

2.60



#18

Methyl Acetate

Concen: 44.351 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX016423.D

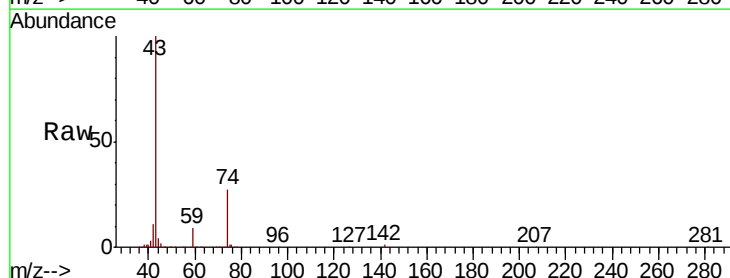
Acq: 26 May 2020 13:39

Tgt Ion: 43 Resp: 103220

Ion Ratio Lower Upper

43 100

74 26.6 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

60000

40000

20000

0

Time-->

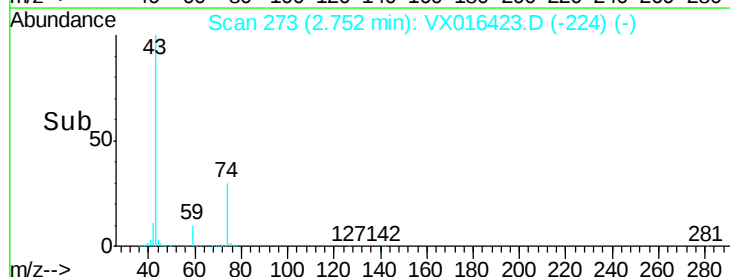
2.65

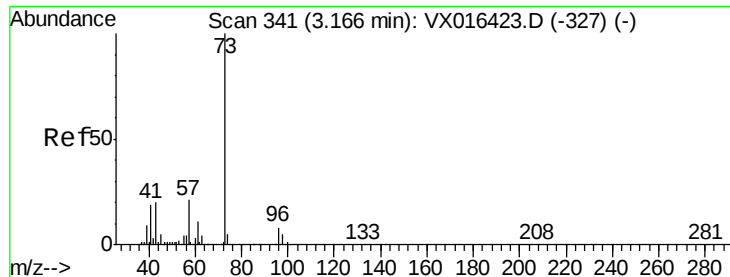
2.70

2.75

2.80

2.85



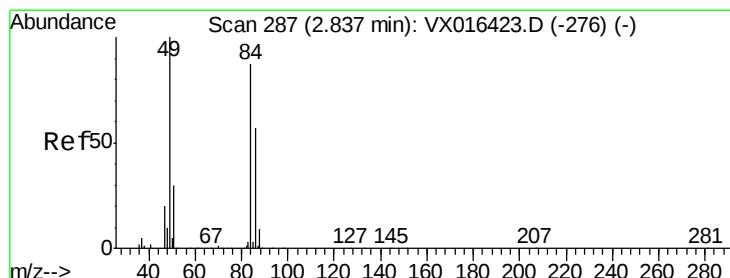
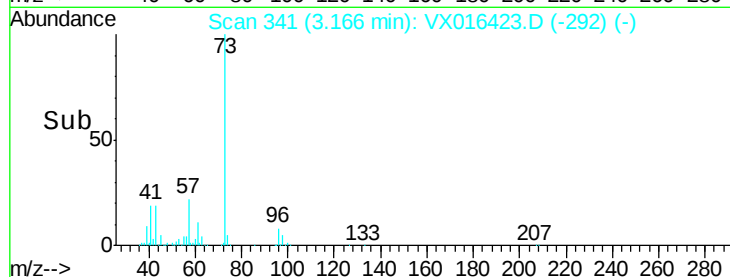
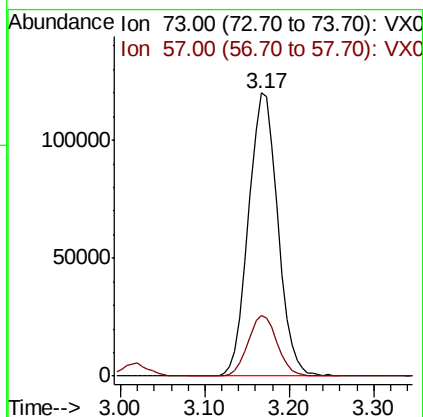
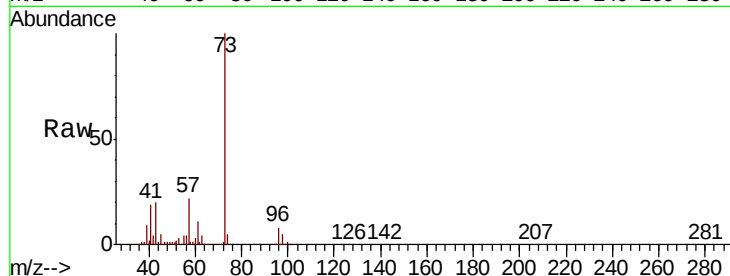


#19

Methyl tert-butyl Ether
 Concen: 48.465 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

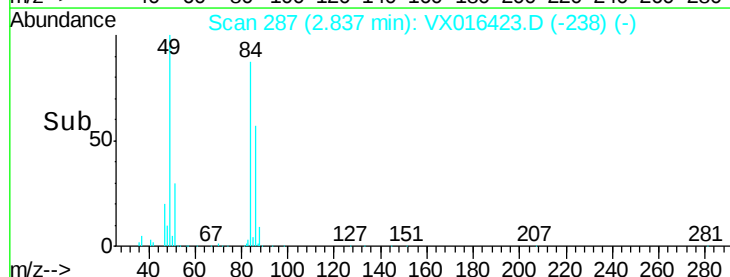
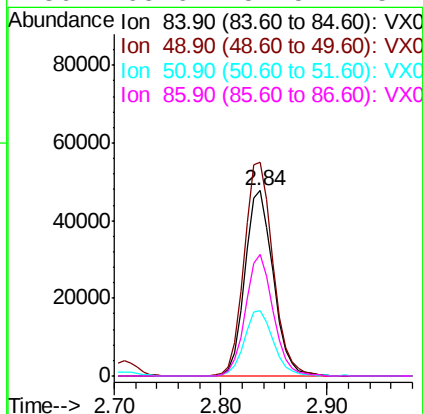
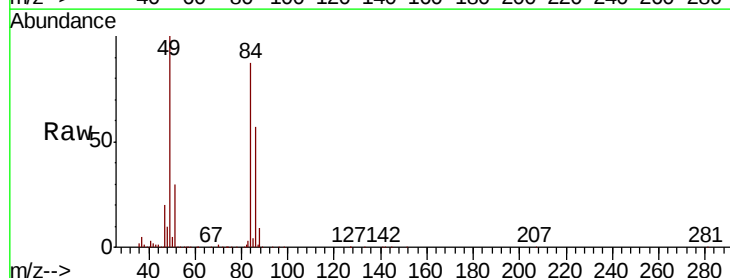
Tot Ion: 73 Resp: 283445
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.3 25.9

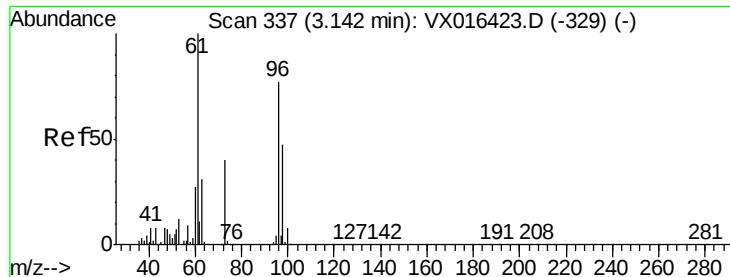


#20

Methylene Chloride
 Concen: 45.325 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Tgt Ion: 84 Resp: 89358
 Ion Ratio Lower Upper
 84 100
 49 115.3 92.2 138.4
 51 34.8 27.8 41.8
 86 65.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.842 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

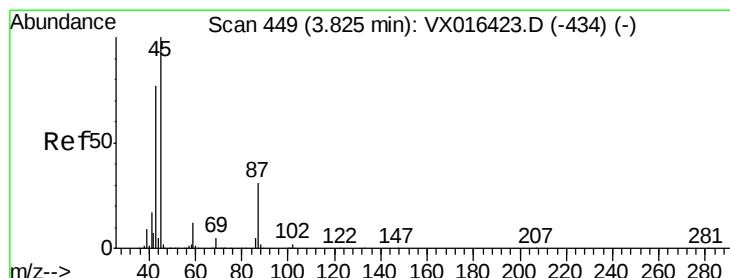
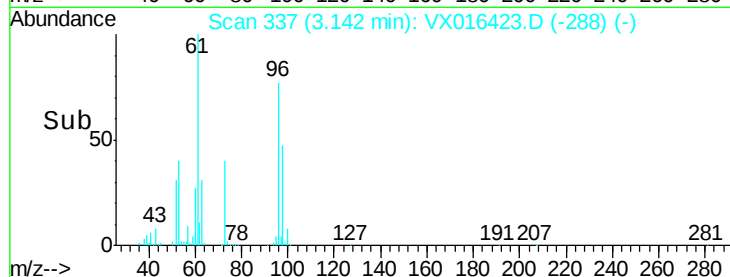
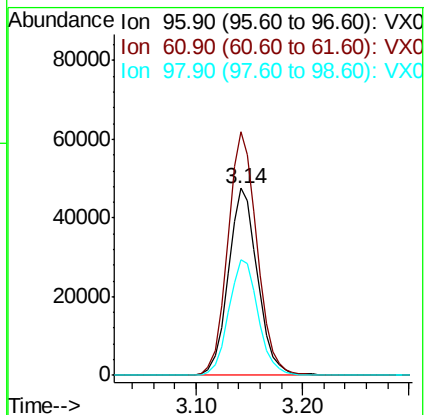
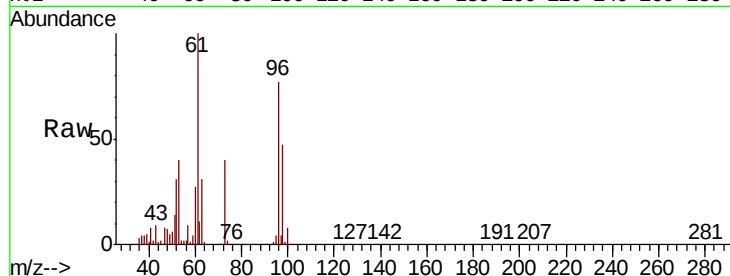
Tot Ion: 96 Resp: 91223

Ion Ratio Lower Upper

96 100

61 130.4 104.3 156.5

98 61.7 49.4 74.0



#22

Diisopropyl ether

Concen: 46.338 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Tgt Ion: 45 Resp: 270391

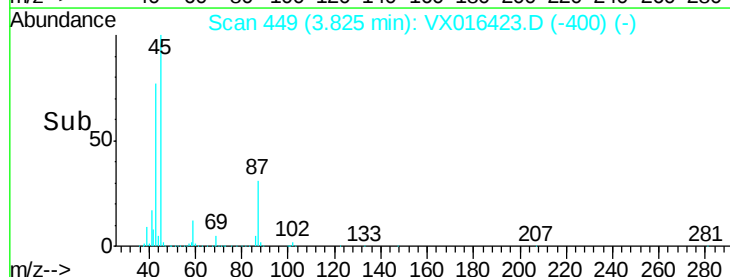
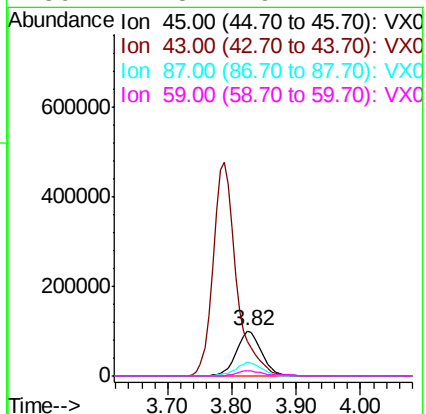
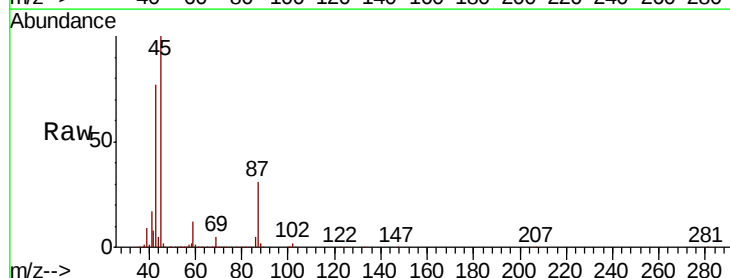
Ion Ratio Lower Upper

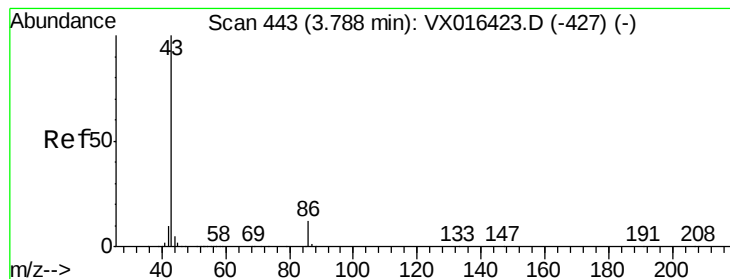
45 100

43 76.8 61.4 92.2

87 30.5 24.4 36.6

59 11.8 9.4 14.2





#23

Vinyl Acetate

Concen: 236.454 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

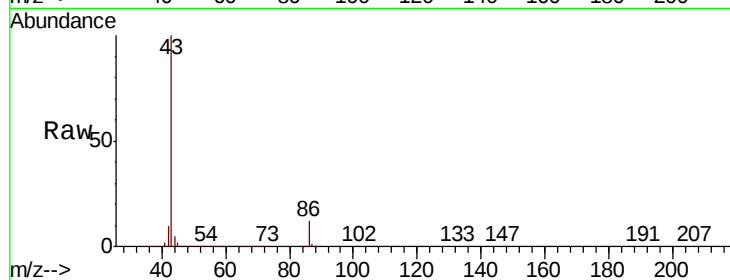
VSTDICCC050

Tot Ion: 43 Resp: 1211657

Ion Ratio Lower Upper

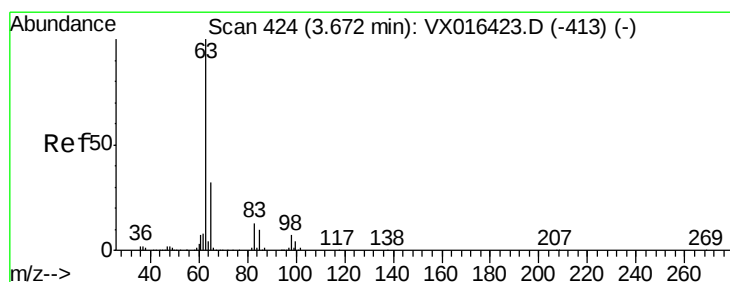
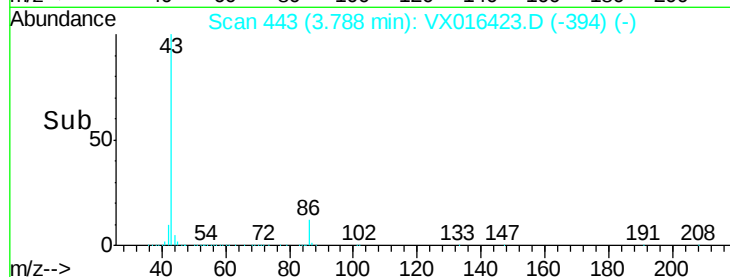
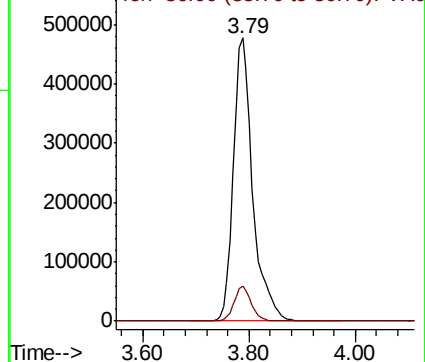
43 100

86 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.982 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

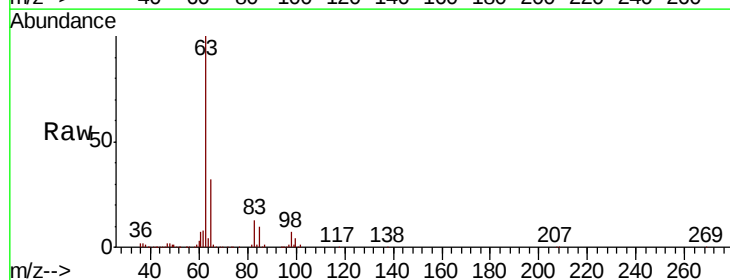
Tgt Ion: 63 Resp: 157664

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

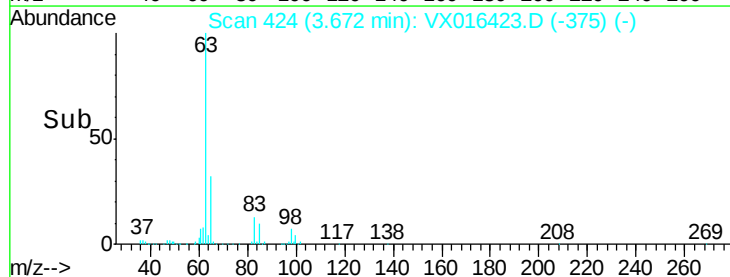
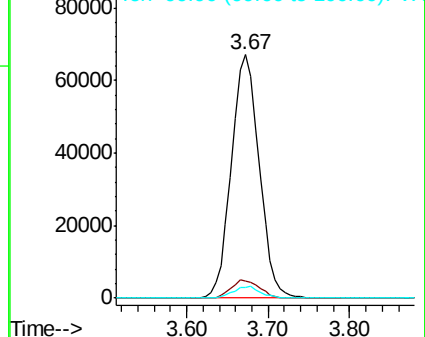
100 4.3 2.1 6.5

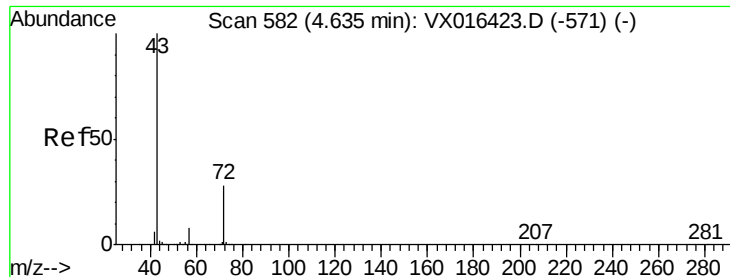


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 232.067 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

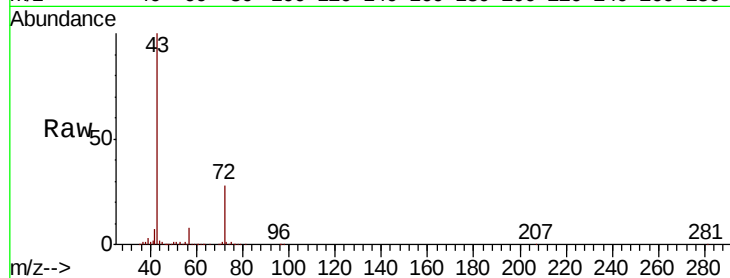
VSTDICCC050

Tot Ion: 43 Resp: 354629

Ion Ratio Lower Upper

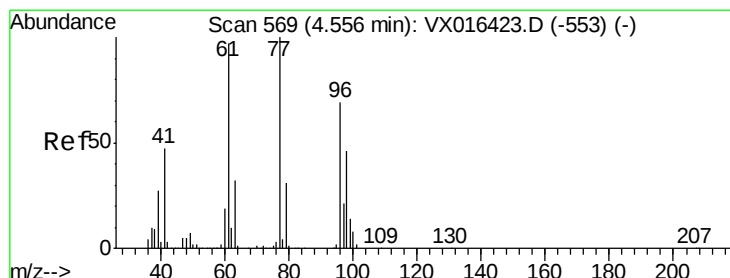
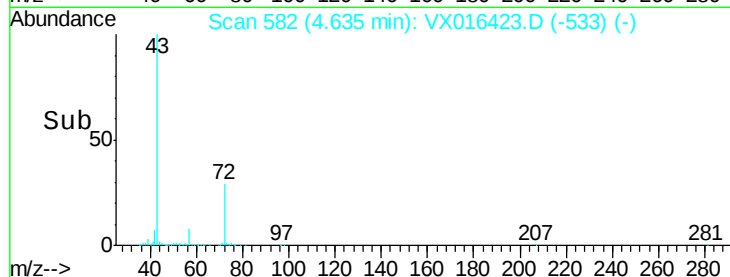
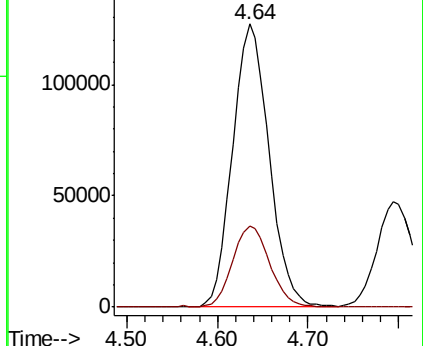
43 100

72 28.4 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.814 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX016423.D

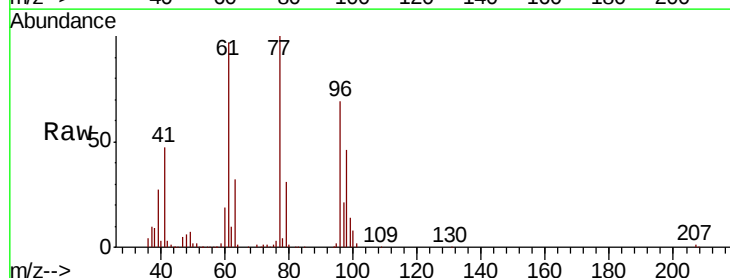
Acq: 26 May 2020 13:39

Tgt Ion: 77 Resp: 143835

Ion Ratio Lower Upper

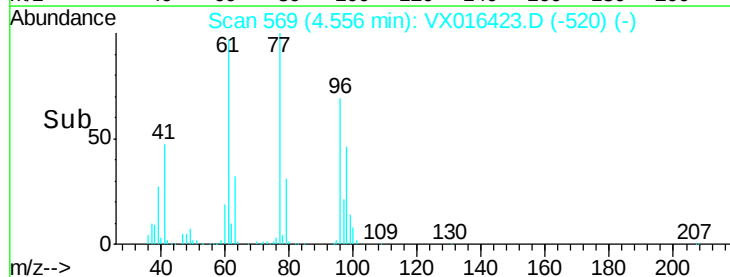
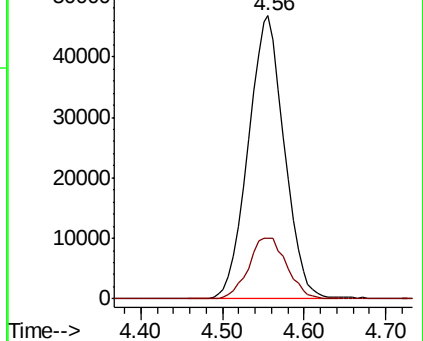
77 100

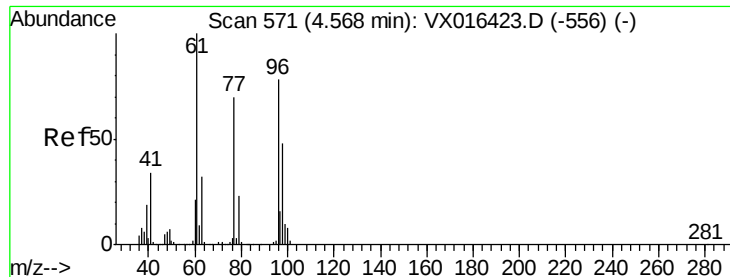
97 23.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



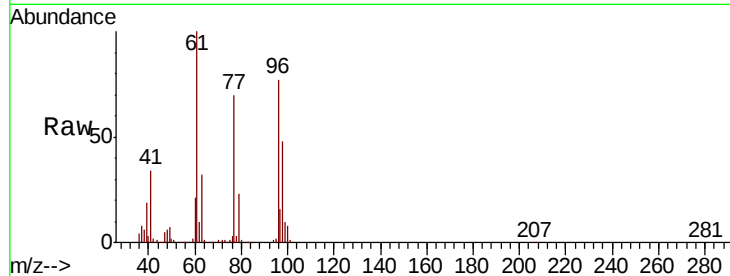


#27

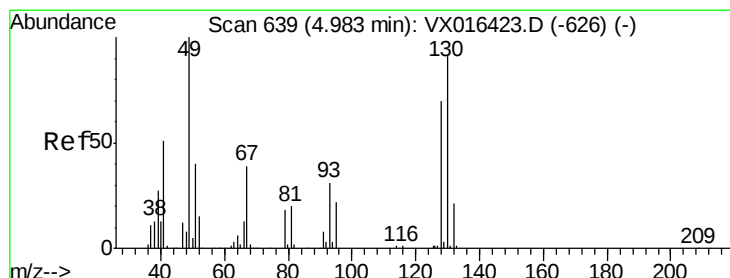
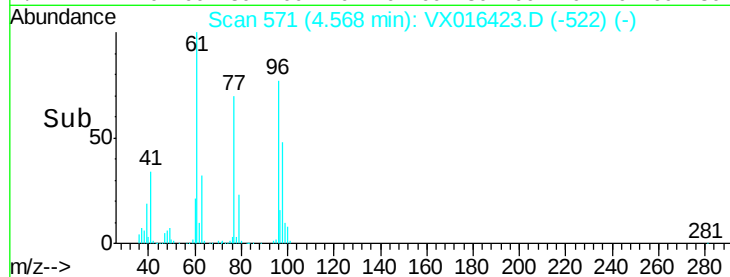
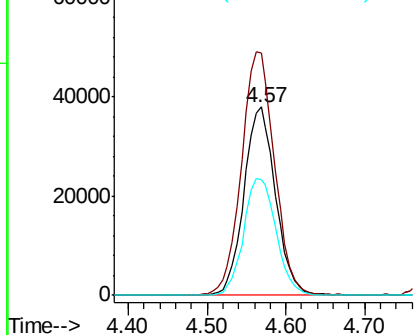
cis-1,2-Dichloroethene
Concen: 50.510 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 96 Resp: 105674
Ion Ratio Lower Upper
96 100
61 135.5 0.0 271.0
98 63.8 0.0 127.6



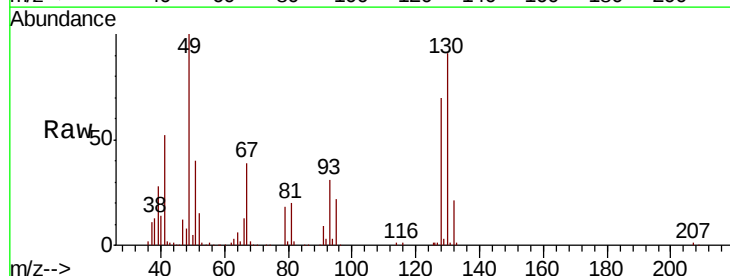
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



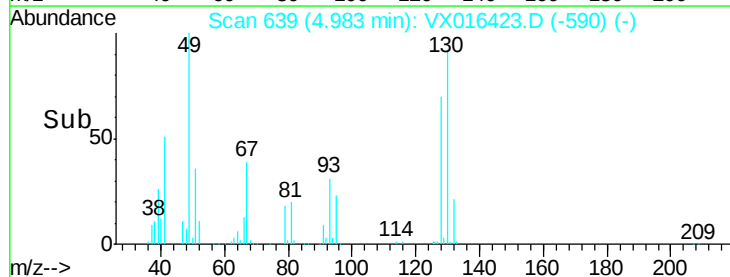
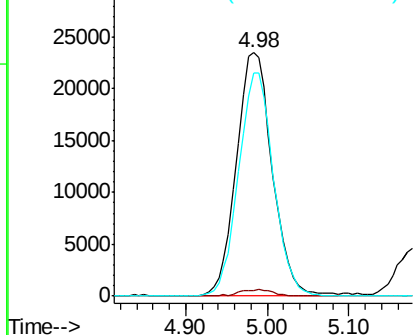
#28

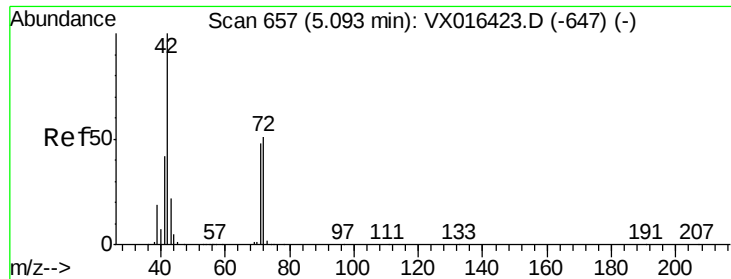
Bromochloromethane
Concen: 47.830 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion: 49 Resp: 71987
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 89.0 71.2 106.8



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: 228.115 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

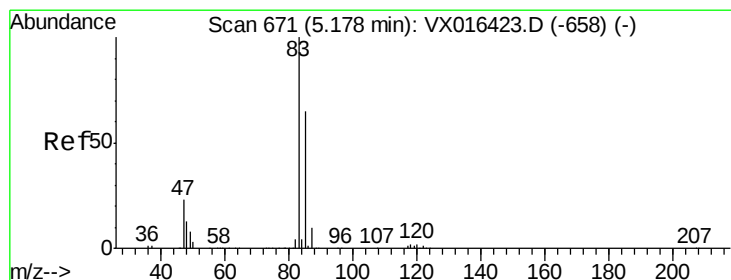
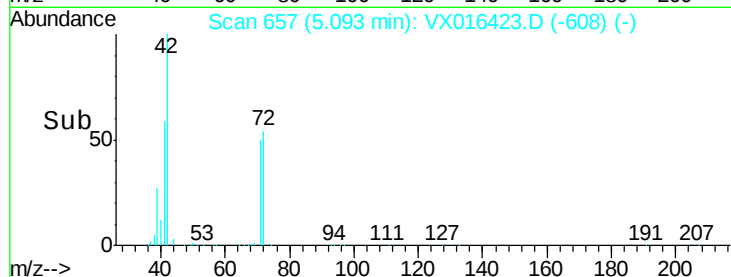
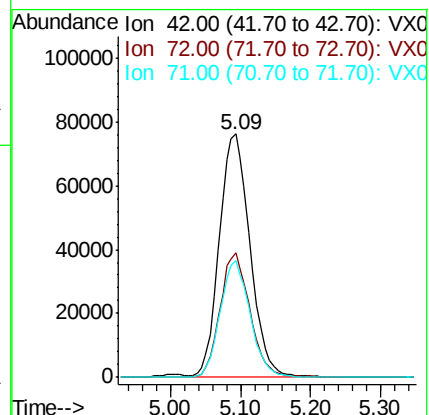
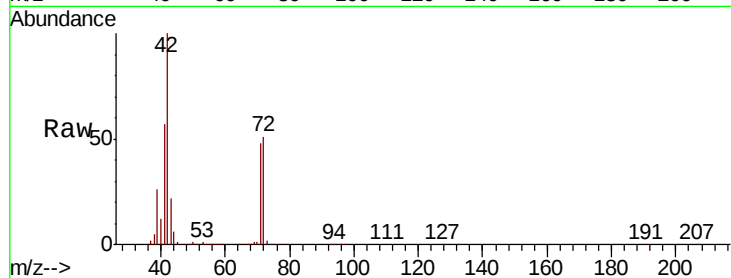
Tot Ion: 42 Resp: 230664

Ion Ratio Lower Upper

42 100

72 50.3 40.2 60.4

71 47.1 37.7 56.5



#30

Chloroform

Concen: 50.763 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016423.D

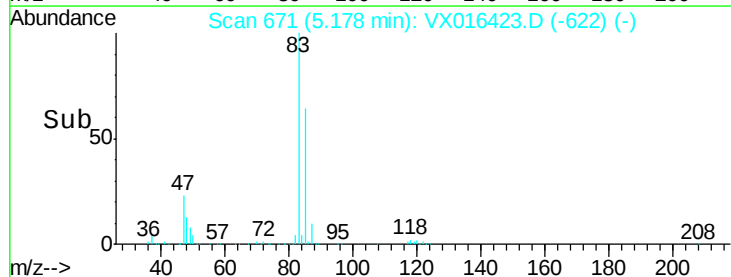
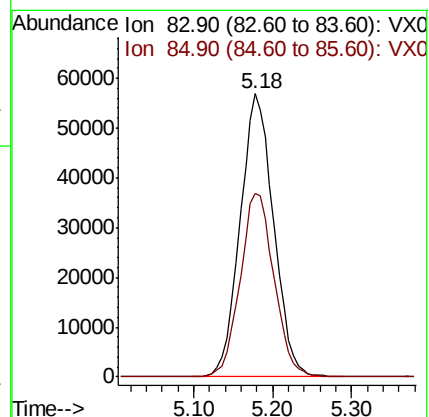
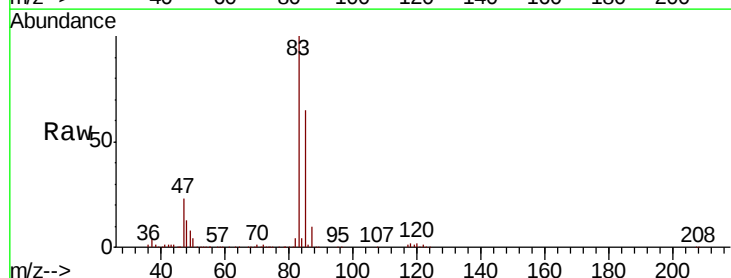
Acq: 26 May 2020 13:39

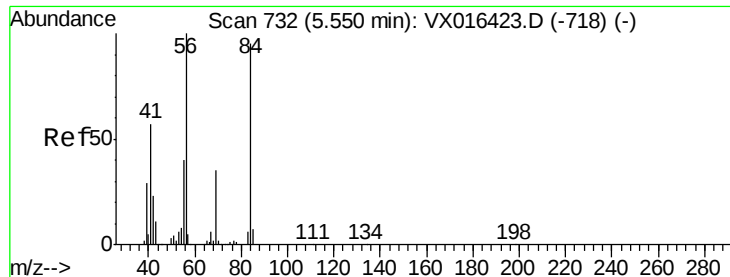
Tgt Ion: 83 Resp: 167704

Ion Ratio Lower Upper

83 100

85 65.1 52.1 78.1

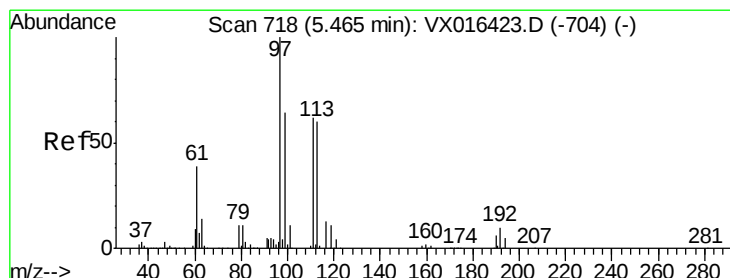
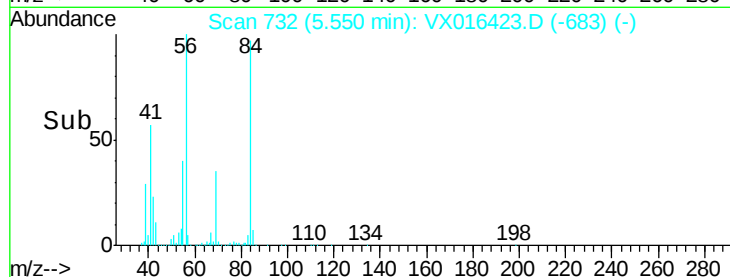
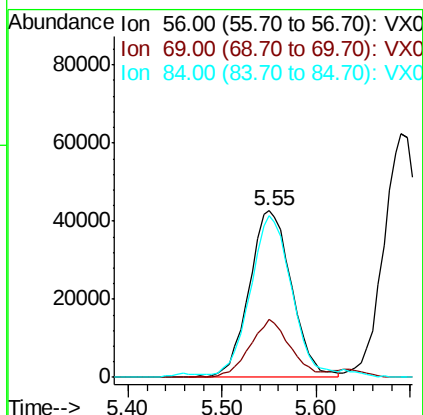
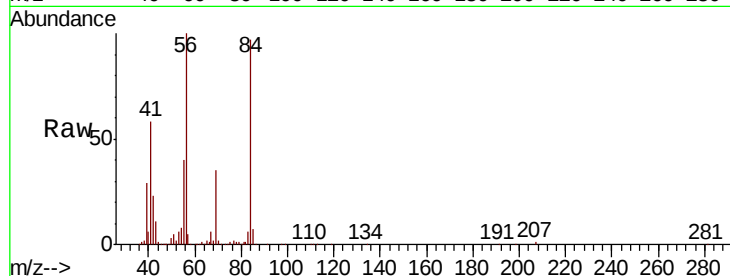




#31
Cyclohexane
Concen: 45.804 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

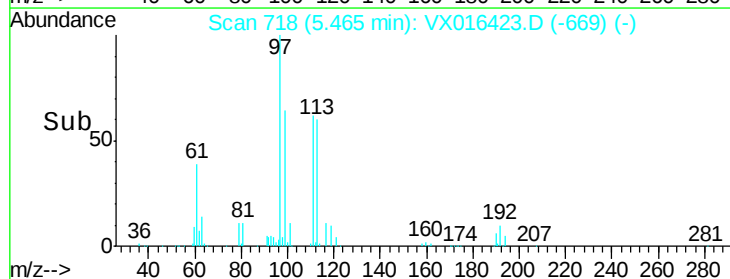
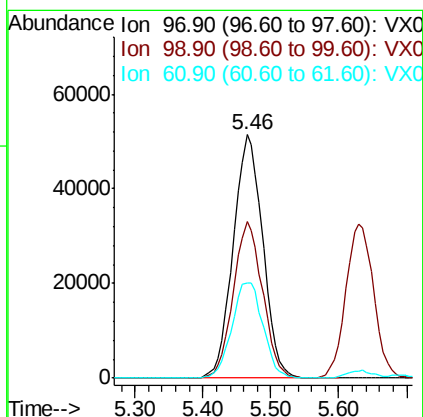
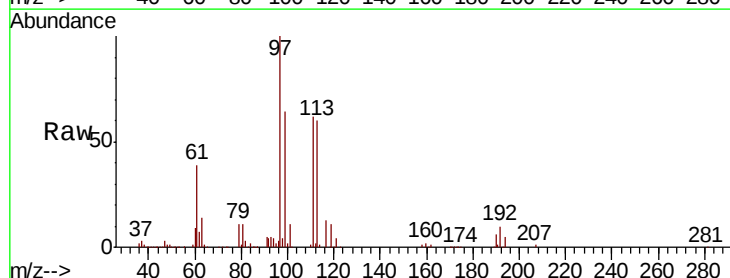
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

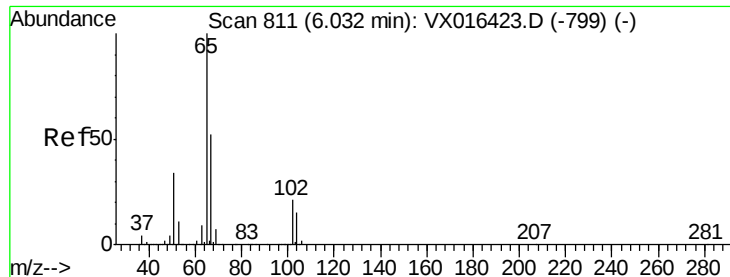
Tot Ion: 56 Resp: 134451
Ion Ratio Lower Upper
56 100
69 34.6 27.7 41.5
84 95.1 76.1 114.1



#32
1,1,1-Trichloroethane
Concen: 51.455 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion: 97 Resp: 155005
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 41.4 33.1 49.7





#33

1,2-Dichloroethane-d4

Concen: 48.779 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

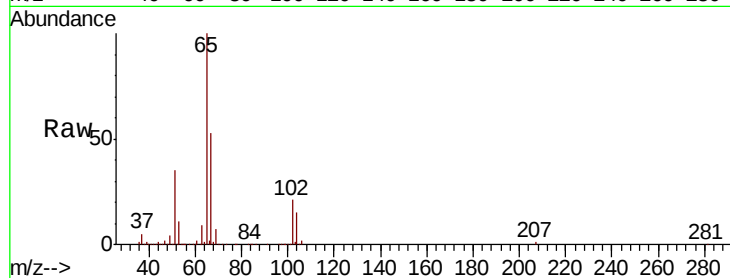
VSTDICCC050

Tot Ion: 65 Resp: 106532

Ion Ratio Lower Upper

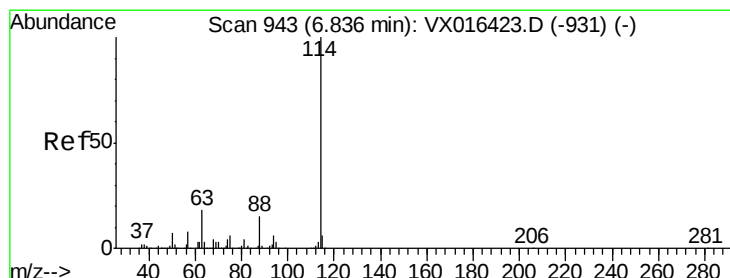
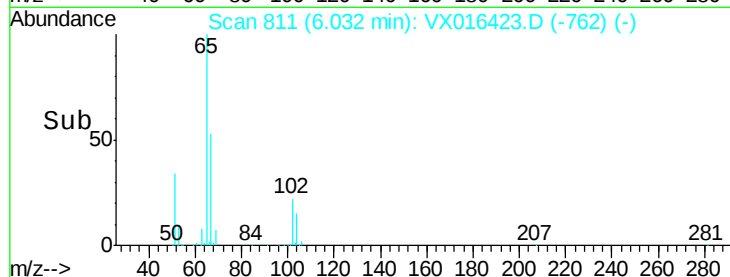
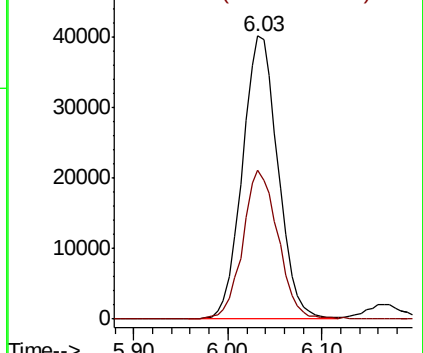
65 100

67 52.1 0.0 104.2



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: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

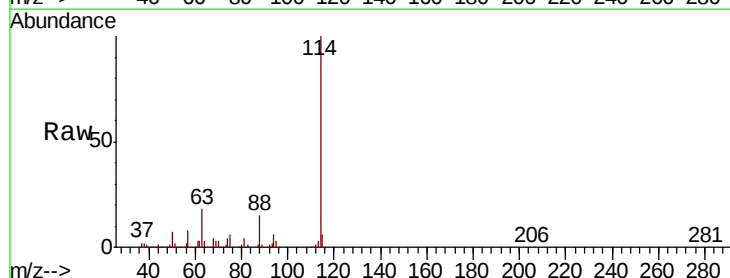
Tgt Ion: 114 Resp: 273444

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

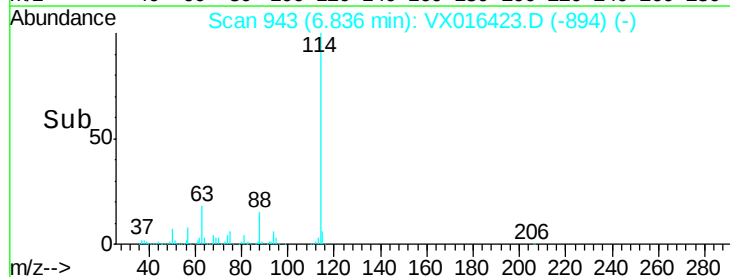
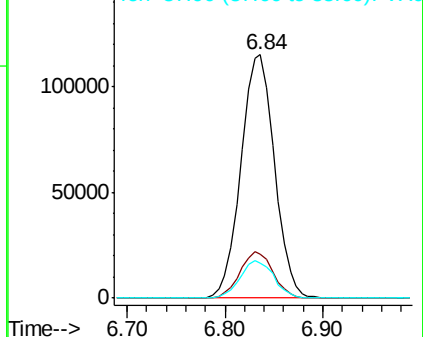
88 14.6 0.0 29.2

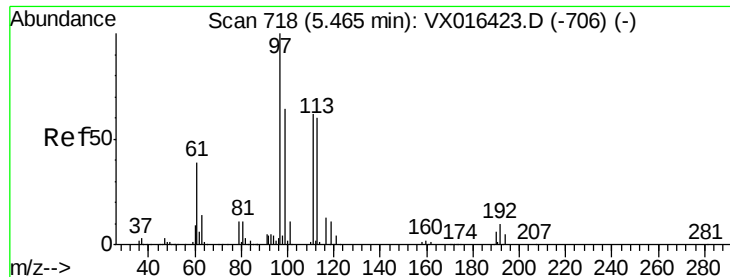


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

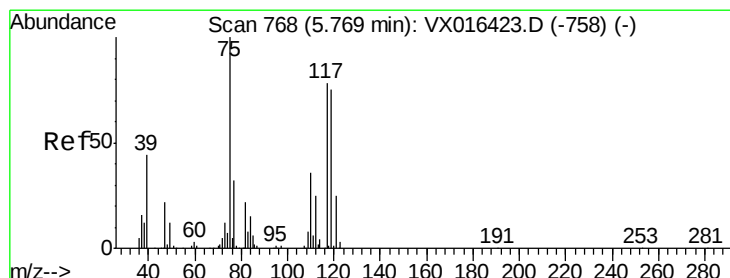
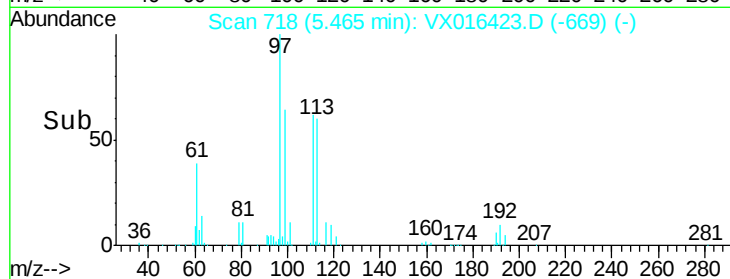
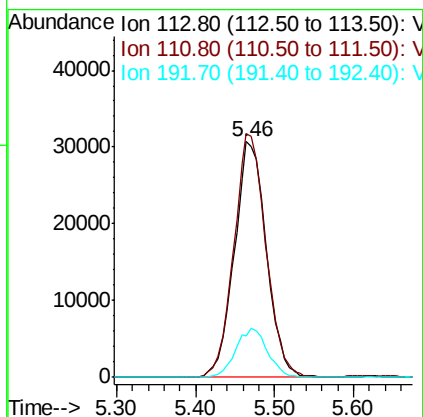
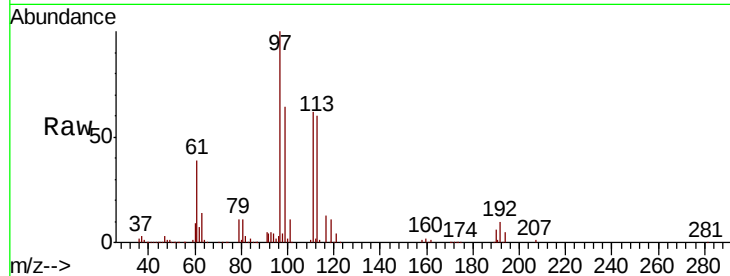




#35
 Dibromofluoromethane
 Concen: 49.570 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

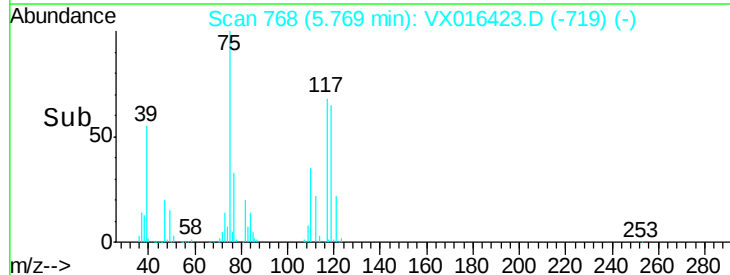
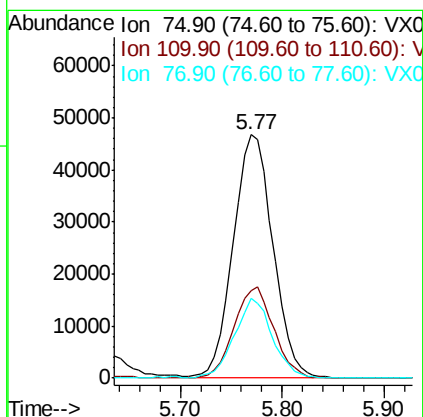
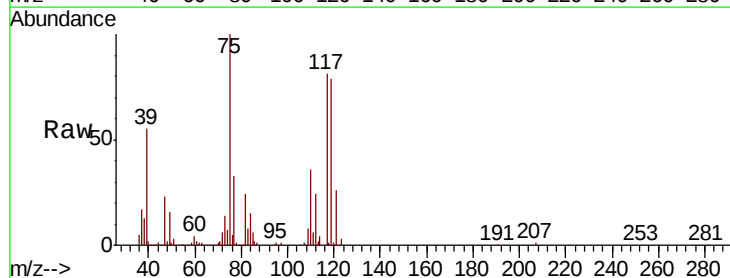
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

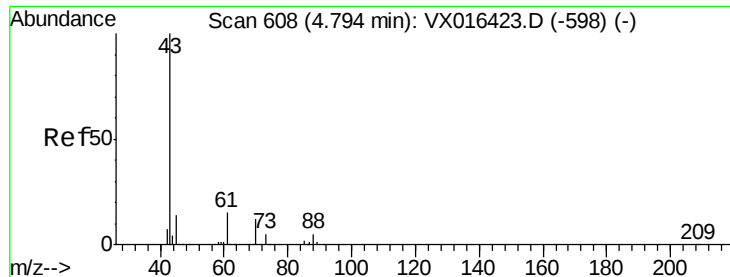
Tot Ion:113 Resp: 86915
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.5 123.7
 192 20.6 16.5 24.7



#36
 1,1-Dichloropropene
 Concen: 46.979 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Tgt Ion: 75 Resp: 125667
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.7 56.1
 77 31.1 24.9 37.3

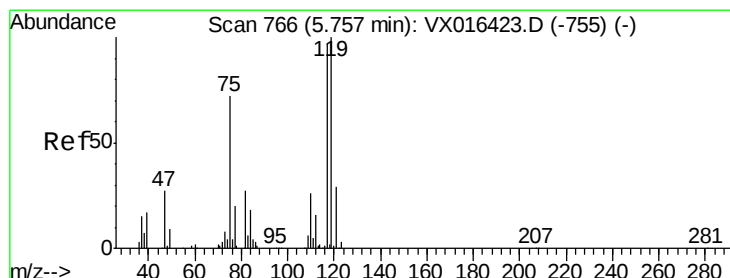
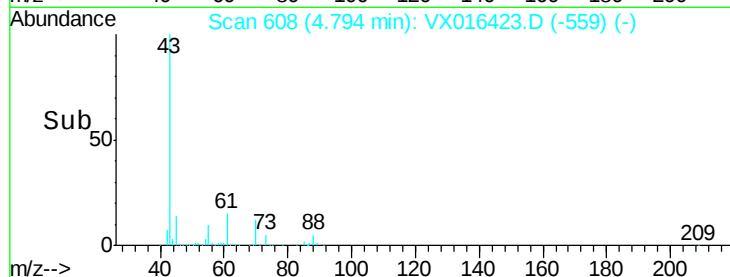
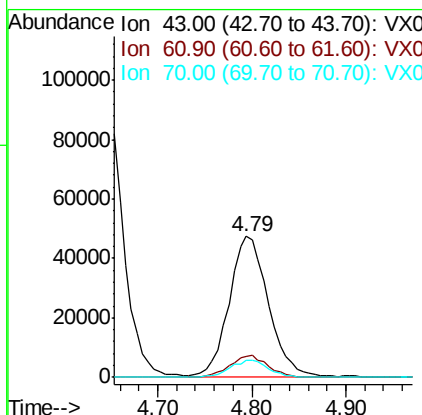
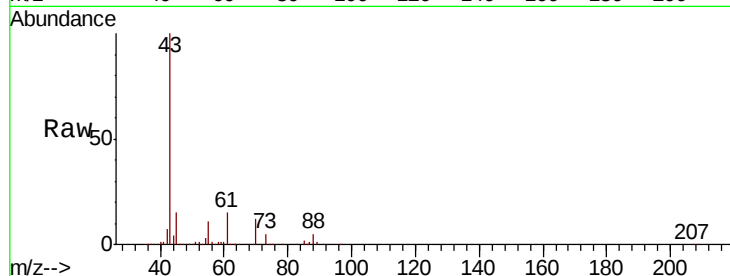




#37
Ethyl Acetate
Concen: 44.613 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

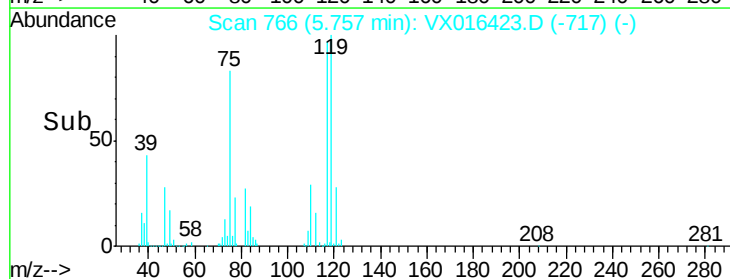
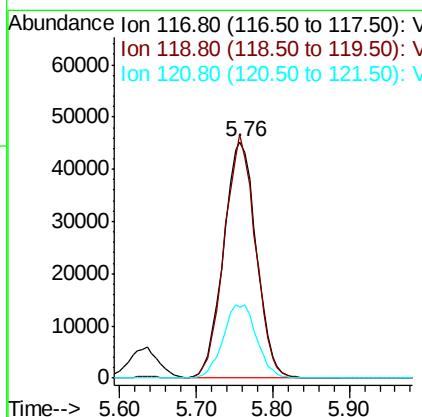
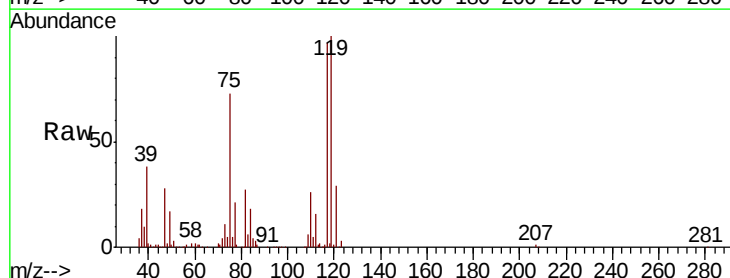
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

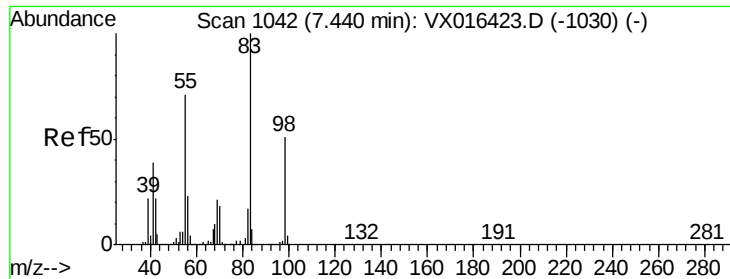
Tot Ion: 43 Resp: 136112
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 12.0 9.6 14.4



#38
Carbon Tetrachloride
Concen: 49.187 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion: 117 Resp: 134315
Ion Ratio Lower Upper
117 100
119 102.8 82.2 123.4
121 30.1 24.1 36.1

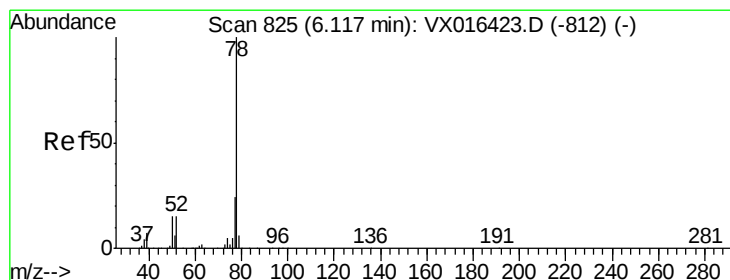
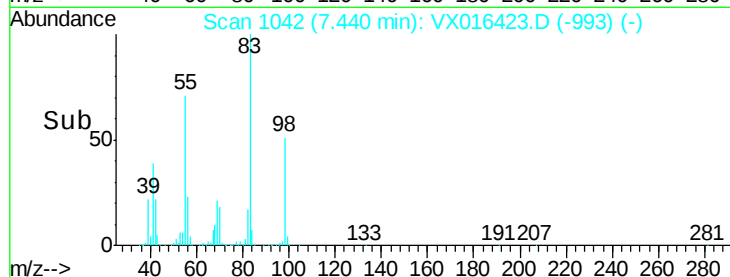
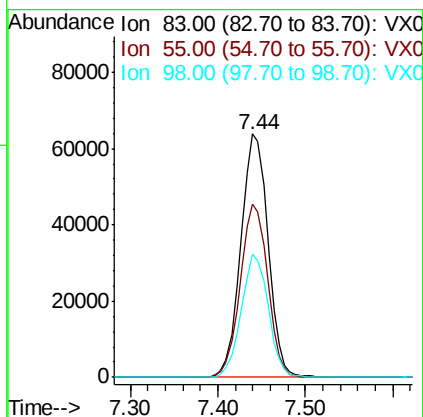
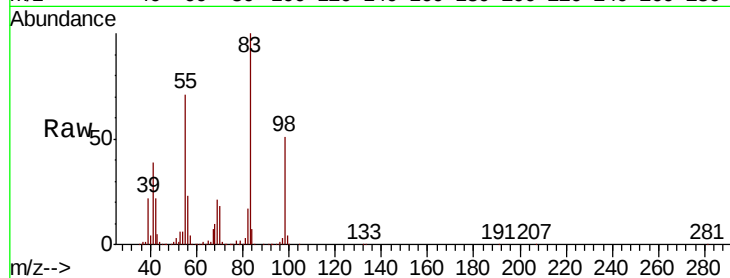




#39
Methvlcvclohexane
Concen: 43.661 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

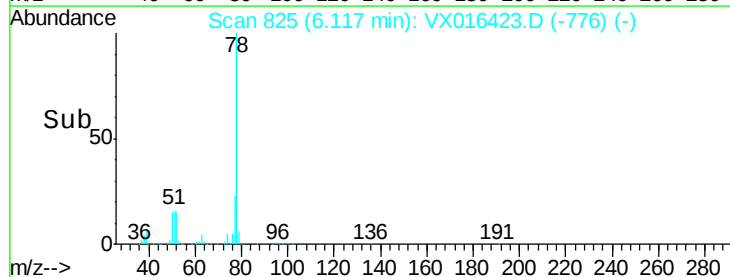
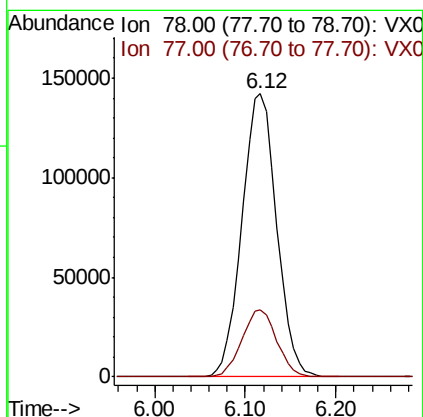
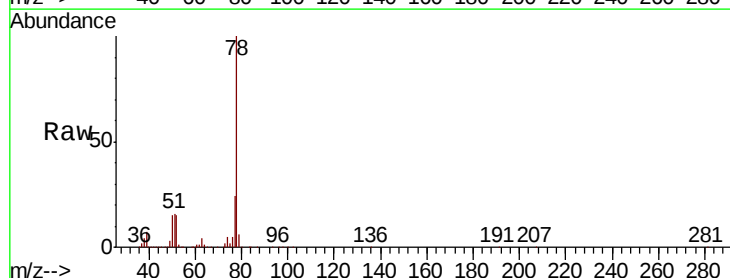
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

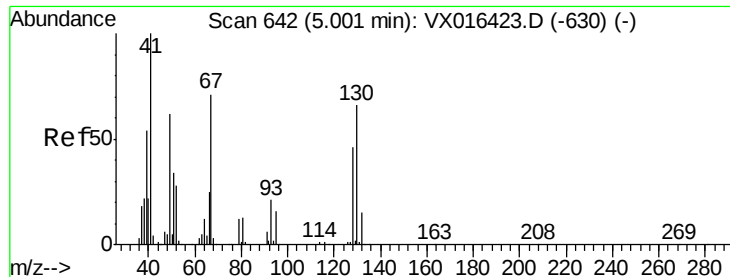
Tot Ion: 83 Resp: 138248
Ion Ratio Lower Upper
83 100
55 71.0 56.8 85.2
98 50.8 40.6 61.0



#40
Benzene
Concen: 47.976 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion: 78 Resp: 376050
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

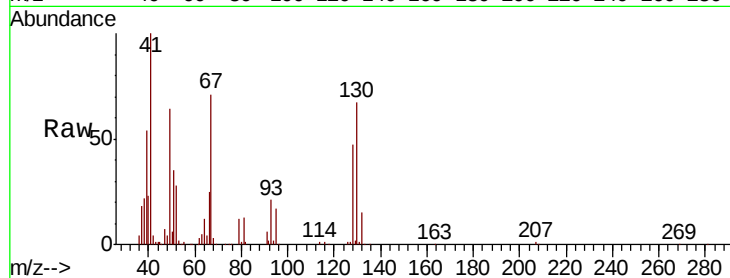




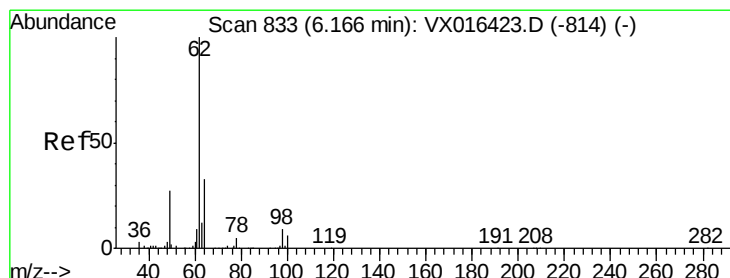
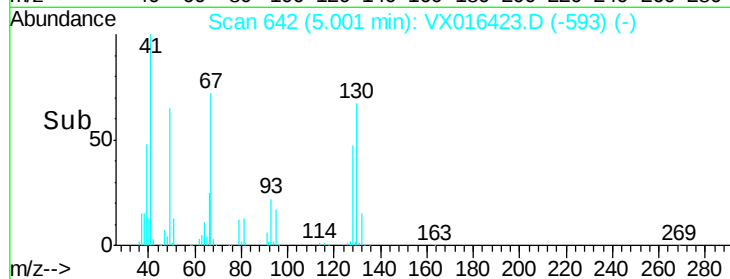
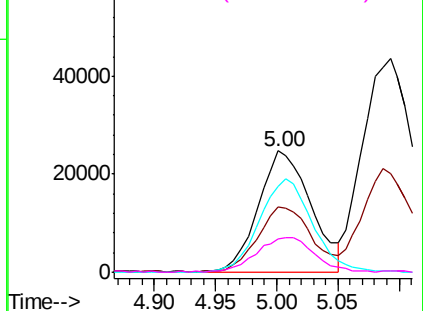
#41
Methacrylonitrile
Concen: 44.711 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:	41	Resp:	73626
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.4	66.6
67	77.8	62.2	93.4
52	31.5	25.2	37.8

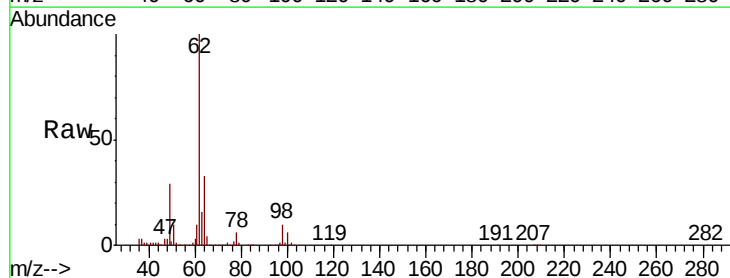


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

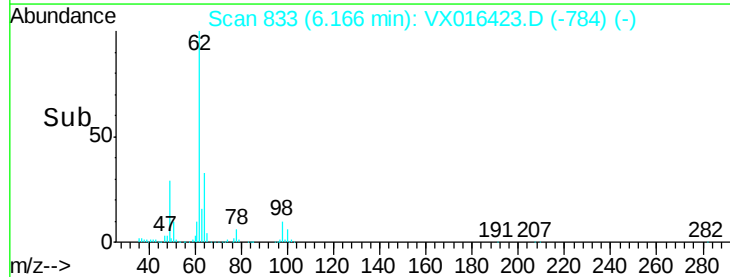
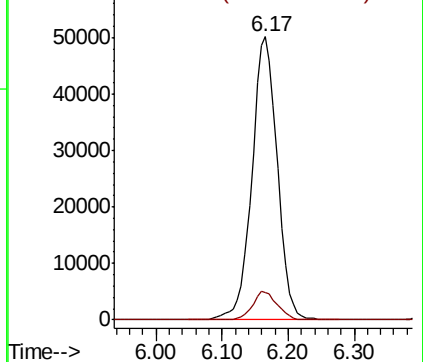


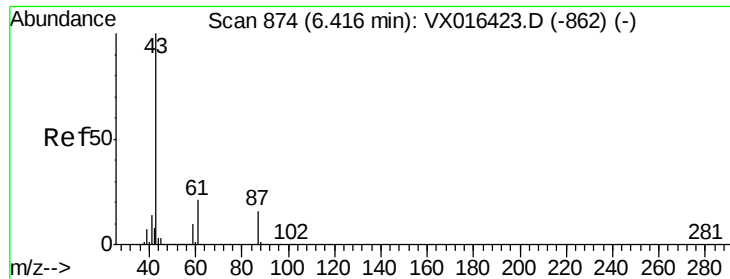
#42
1,2-Dichloroethane
Concen: 47.539 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion:	62	Resp:	134050
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 45.124 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

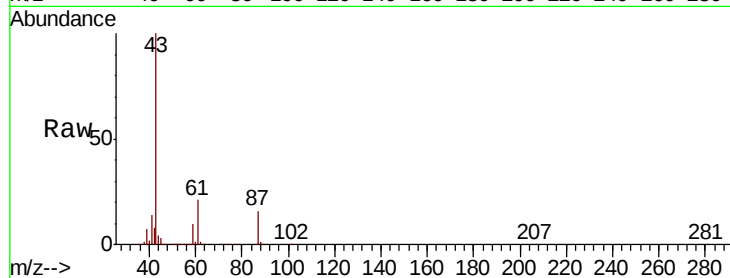
Tot Ion: 43 Resp: 220339

Ion Ratio Lower Upper

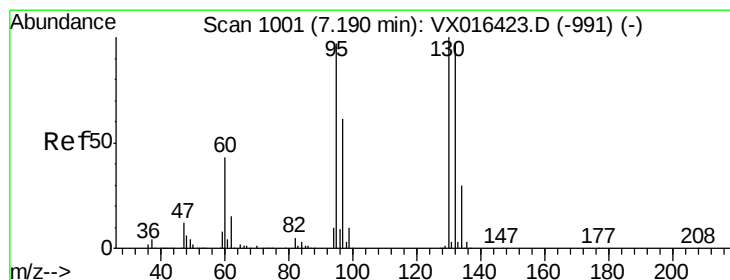
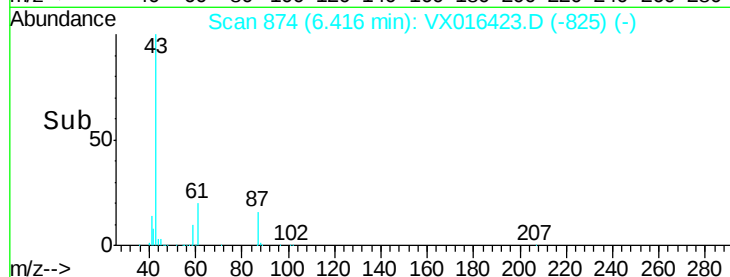
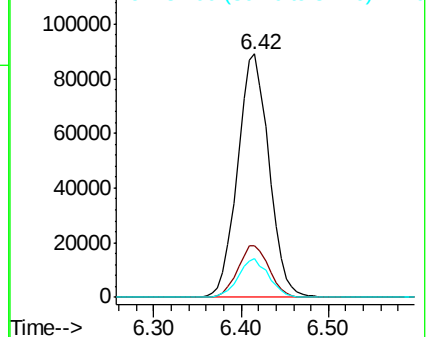
43 100

61 21.5 17.2 25.8

87 15.4 12.3 18.5



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



#44

Trichloroethene

Concen: 45.245 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016423.D

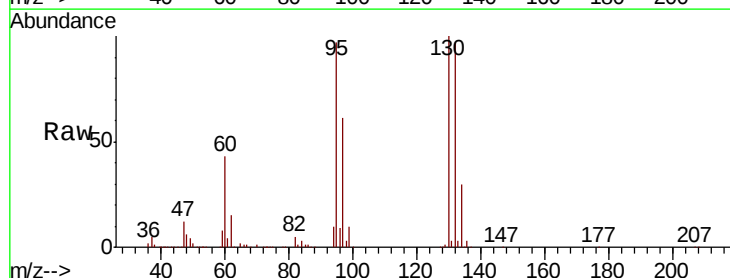
Acq: 26 May 2020 13:39

Tgt Ion: 130 Resp: 125310

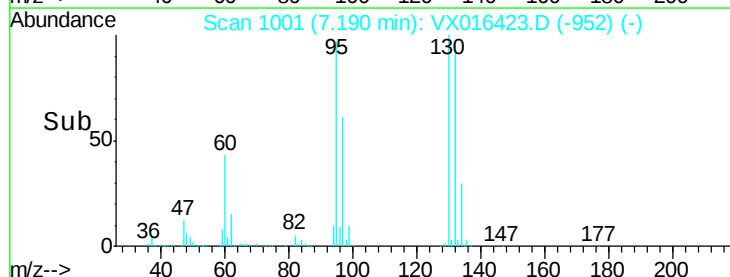
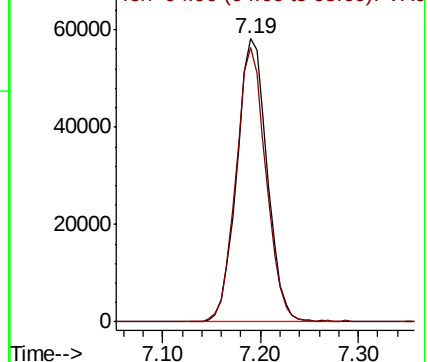
Ion Ratio Lower Upper

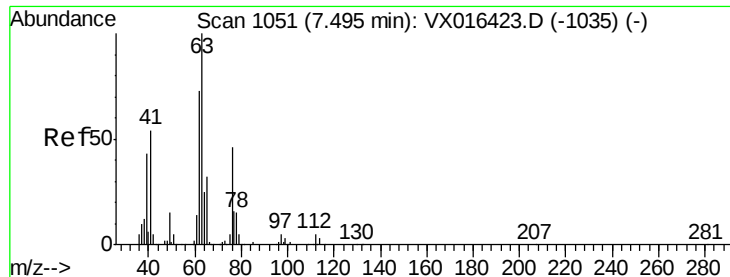
130 100

95 97.0 0.0 194.0



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

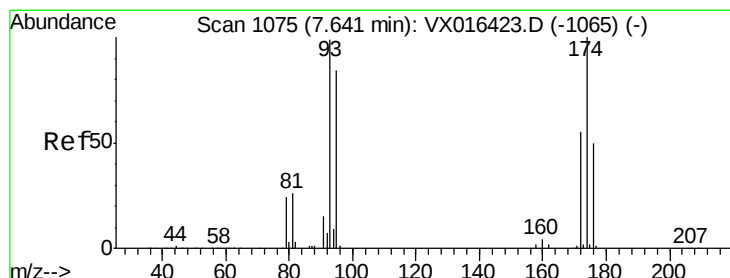
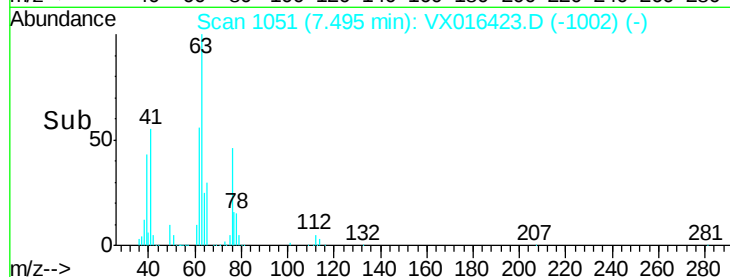
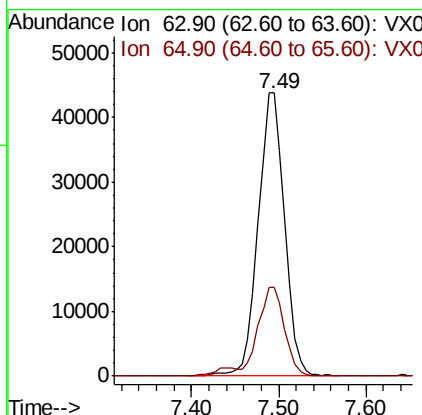
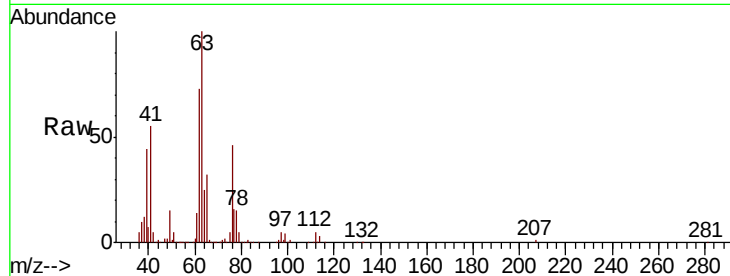




#45
 1,2-Dichloropropane
 Concen: 46.977 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

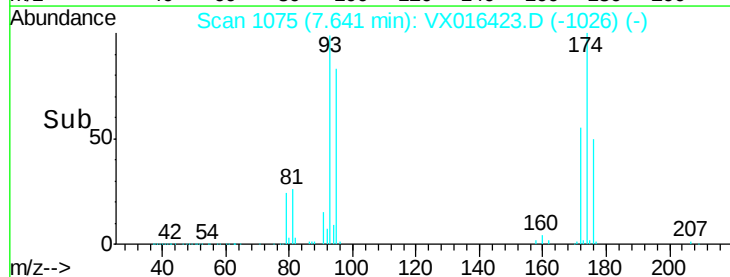
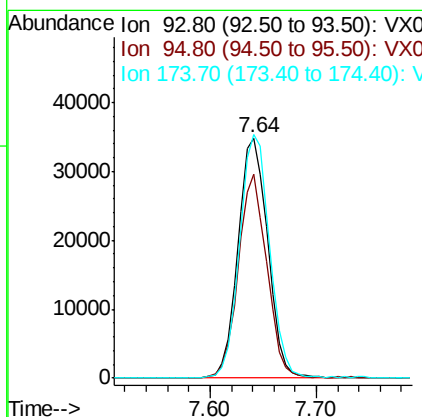
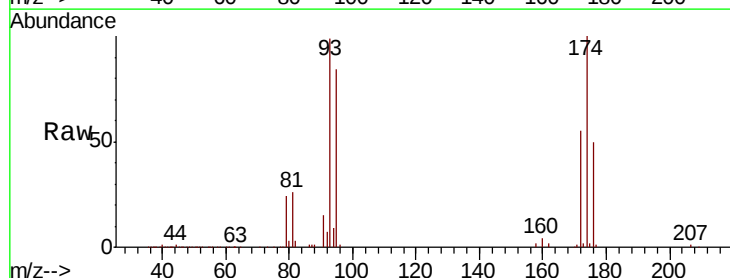
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

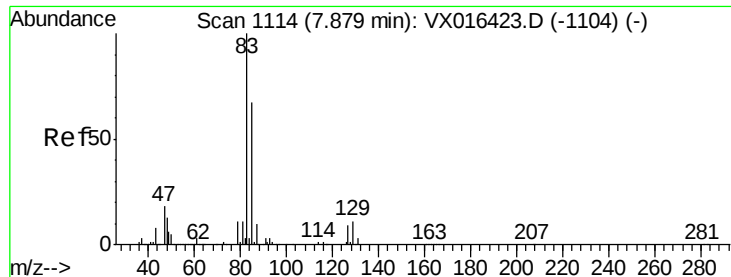
Tot Ion: 63 Resp: 92499
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.3 37.9



#46
 Dibromomethane
 Concen: 50.431 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Tgt Ion: 93 Resp: 68644
 Ion Ratio Lower Upper
 93 100
 95 81.2 65.0 97.4
 174 101.7 81.4 122.0





#47

Bromodichloromethane

Concen: 49.680 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

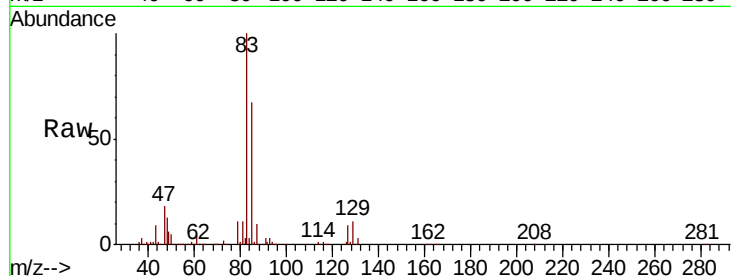
Tot Ion: 83 Resp: 136571

Ion Ratio Lower Upper

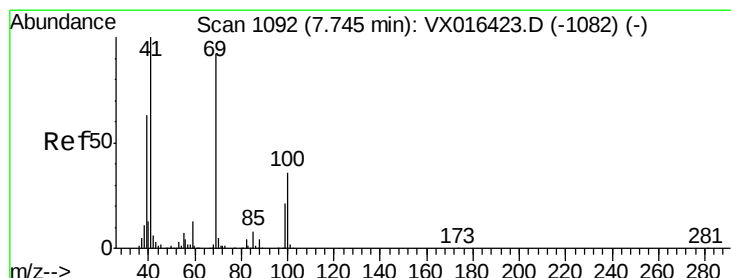
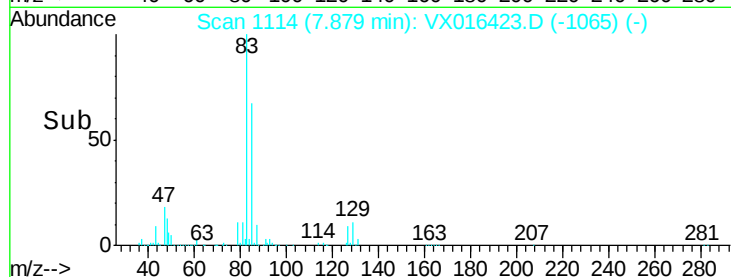
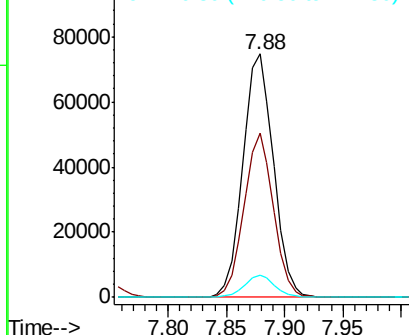
83 100

85 67.3 53.8 80.8

127 9.3 7.4 11.2



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: 44.026 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

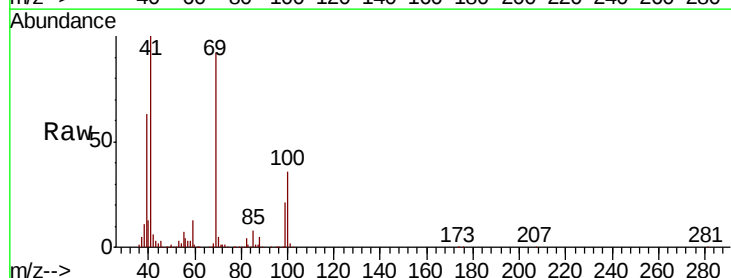
Tgt Ion: 41 Resp: 101288

Ion Ratio Lower Upper

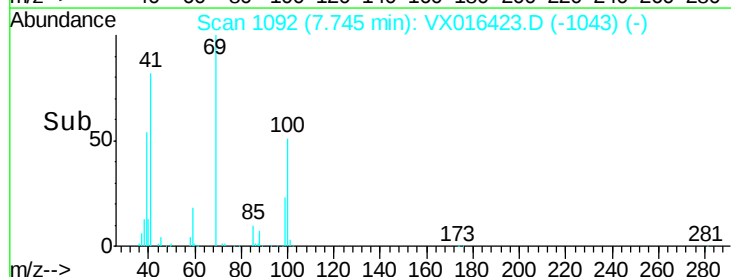
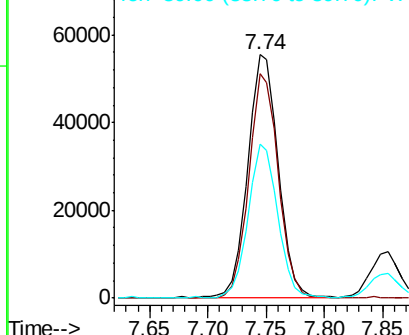
41 100

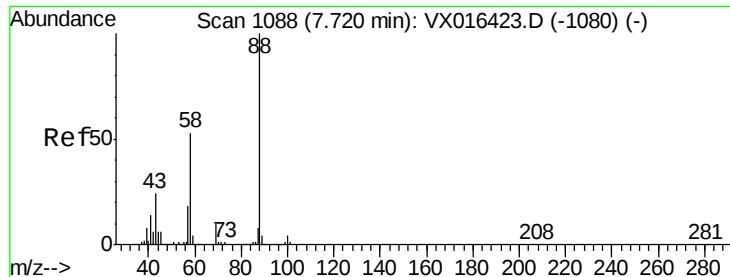
69 89.8 71.8 107.8

39 60.8 48.6 73.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 947.843 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

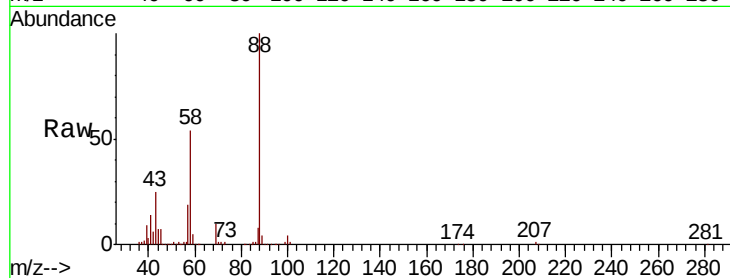
Tot Ion: 88 Resp: 53085

Ion Ratio Lower Upper

88 100

43 28.8 23.0 34.6

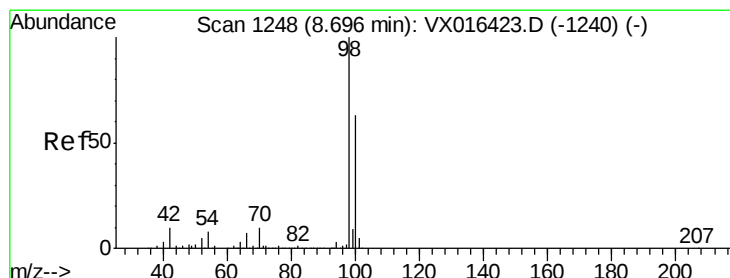
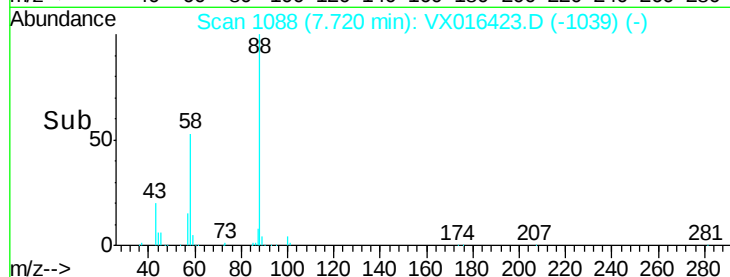
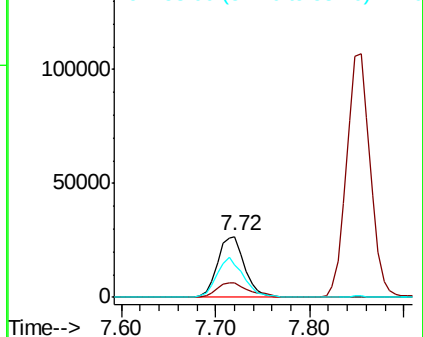
58 64.6 51.7 77.5



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: 49.745 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016423.D

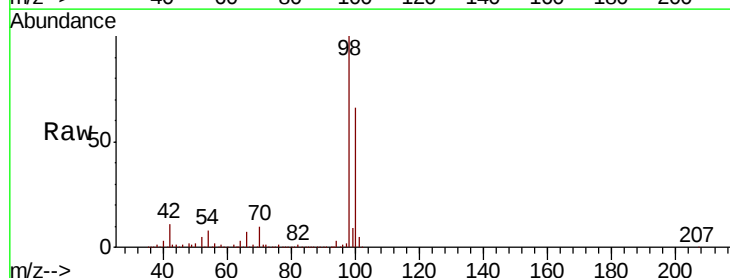
Acq: 26 May 2020 13:39

Tgt Ion: 98 Resp: 335383

Ion Ratio Lower Upper

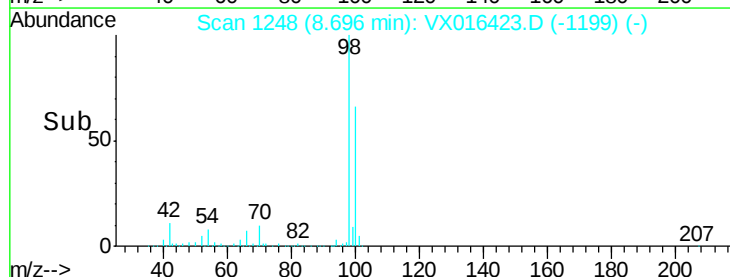
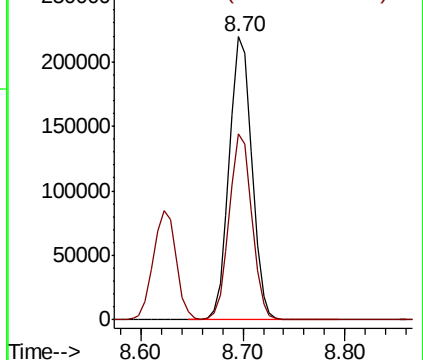
98 100

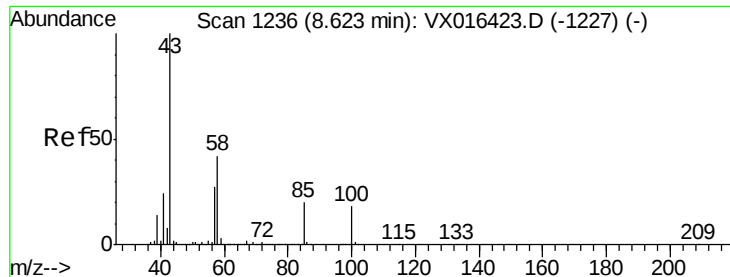
100 65.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 234.767 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

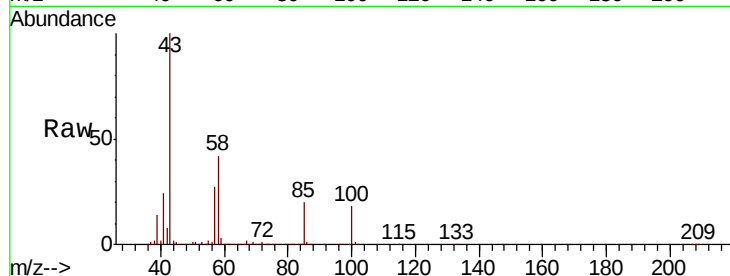
VSTDICCC050

Tot Ion: 43 Resp: 702273

Ion Ratio Lower Upper

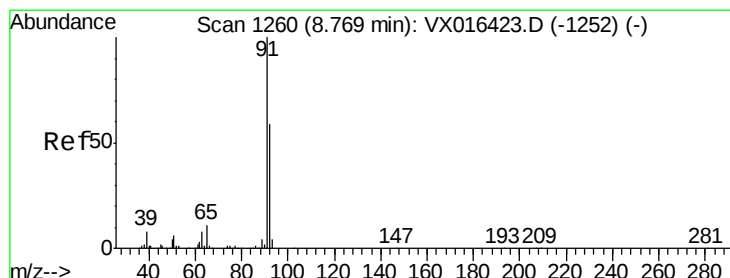
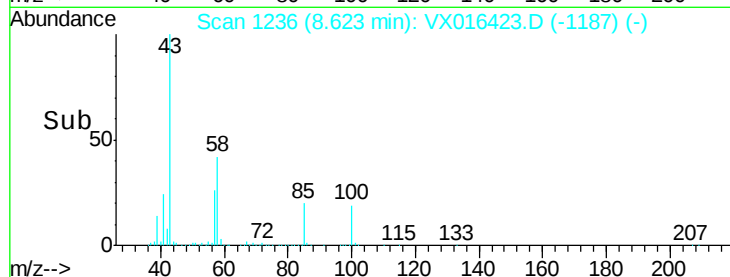
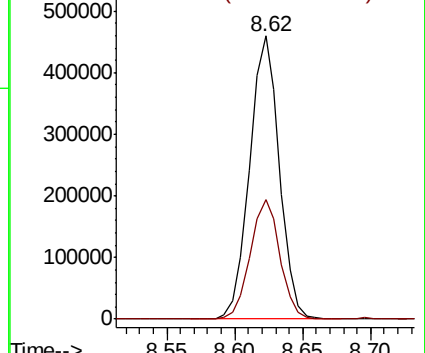
43 100

58 42.2 33.8 50.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.910 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016423.D

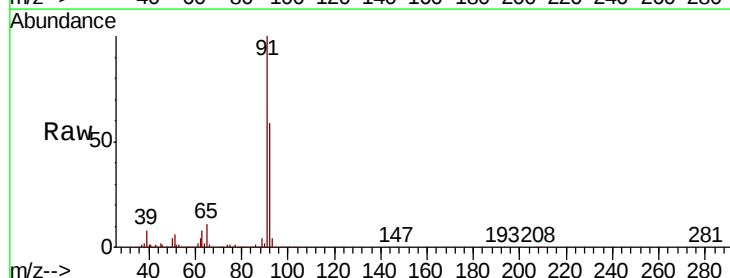
Acq: 26 May 2020 13:39

Tgt Ion: 92 Resp: 244908

Ion Ratio Lower Upper

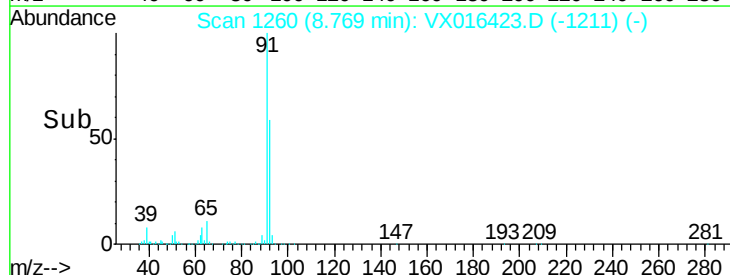
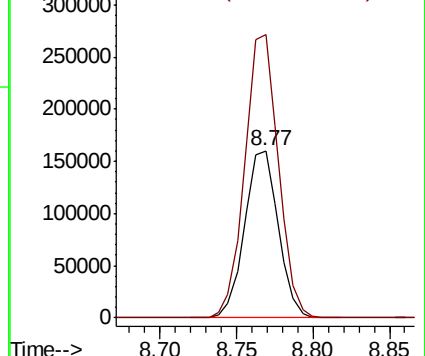
92 100

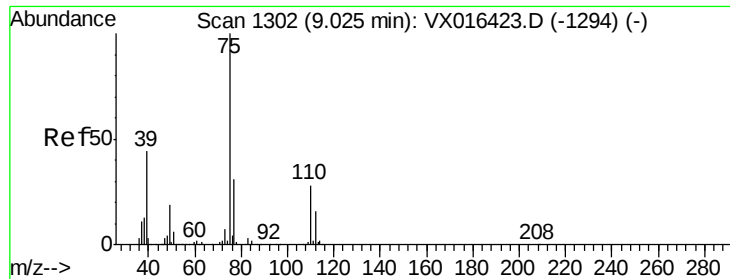
91 169.6 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 47.943 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

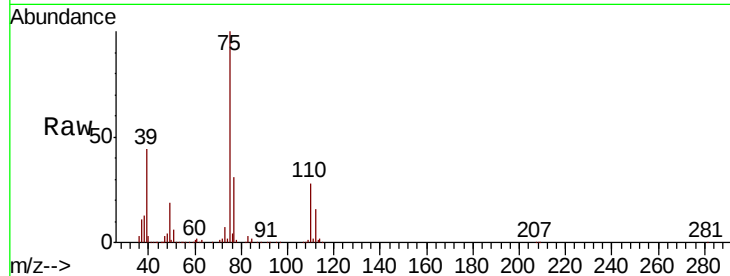
VSTDICCC050

Tot Ion: 75 Resp: 156645

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

120000

100000

80000

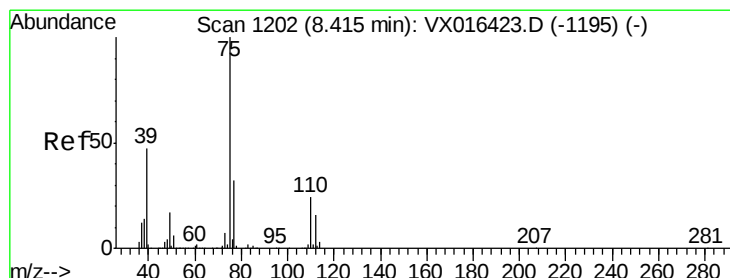
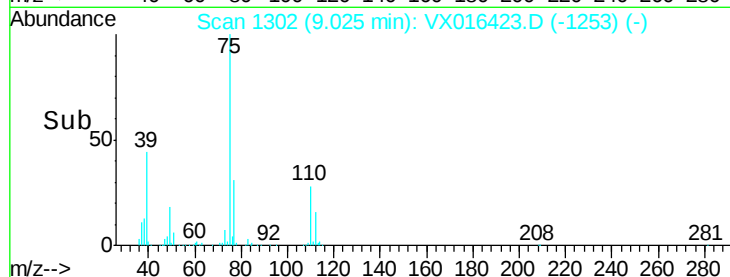
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.108 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

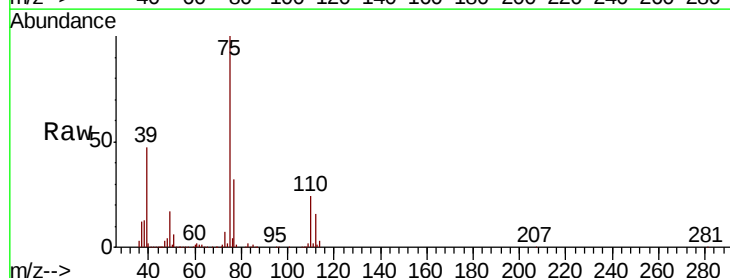
Tgt Ion: 75 Resp: 160092

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 47.1 37.7 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

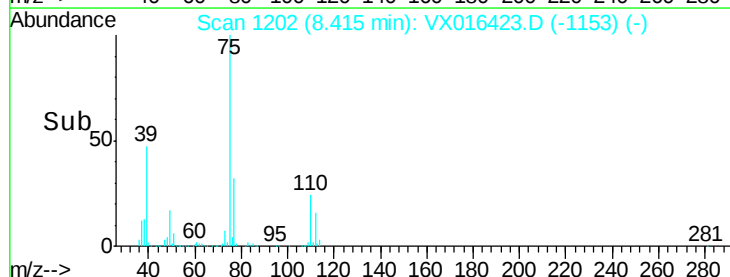
8.42

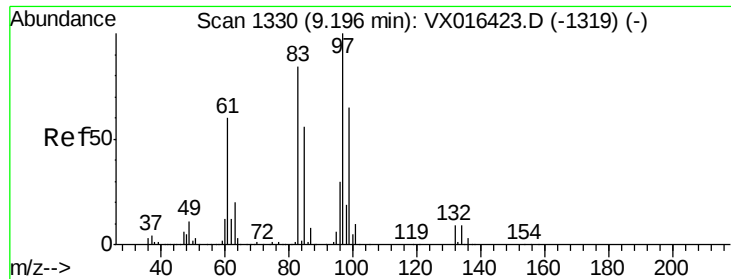
100000

50000

0

Time-->

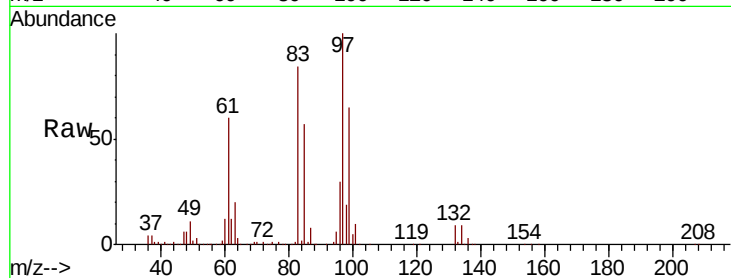




#55
 1,1,2-Trichloroethane
 Concen: 51.358 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	99577
Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.9	100.3
85	56.5	45.2	67.8
99	64.9	51.9	77.9



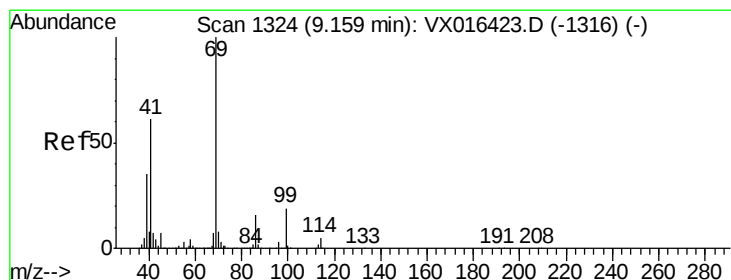
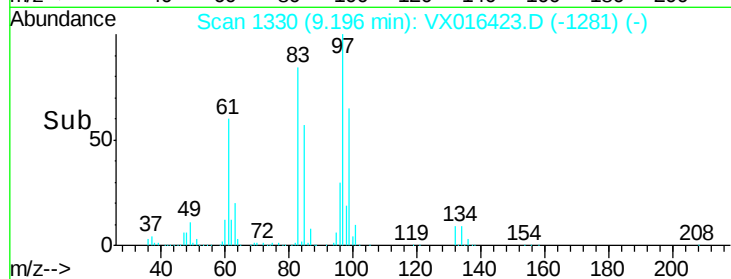
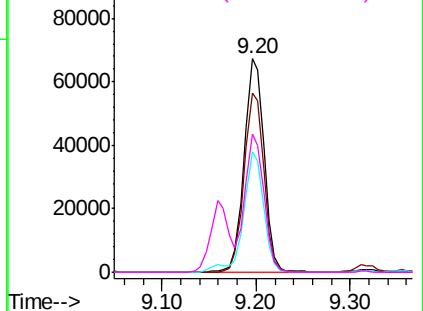
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

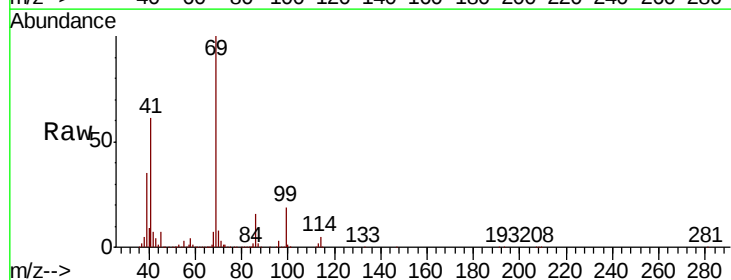
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 48.508 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Tgt Ion:	69	Resp:	151142
Ion	Ratio	Lower	Upper
69	100		
41	59.9	47.9	71.9
39	35.9	28.7	43.1

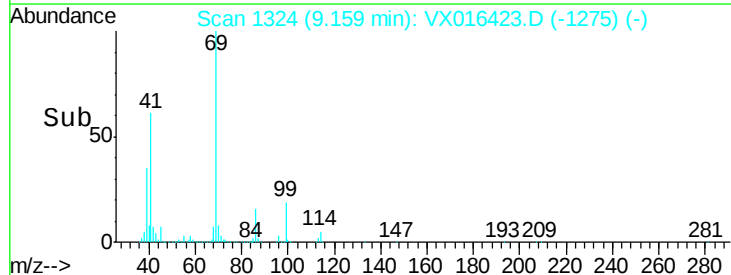
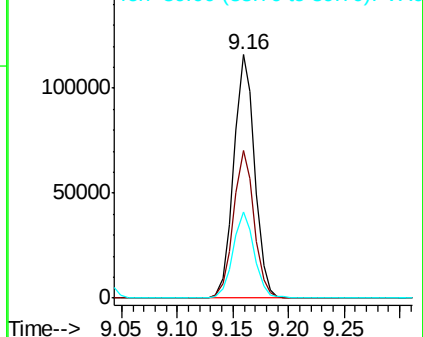


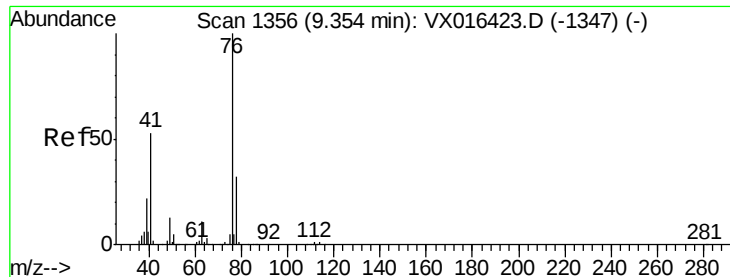
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.028 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

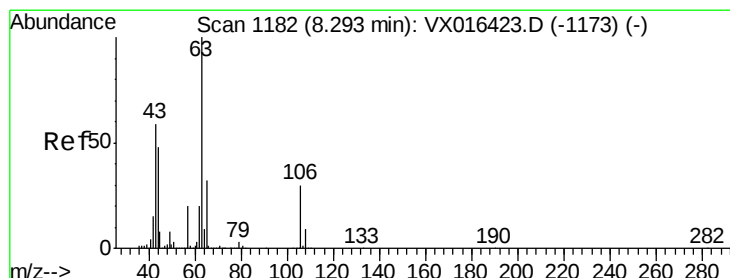
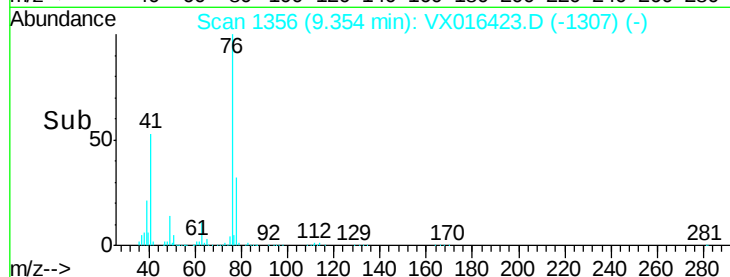
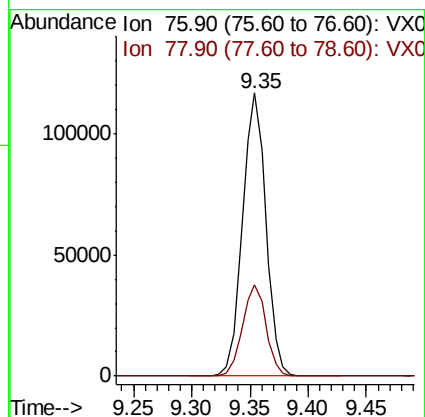
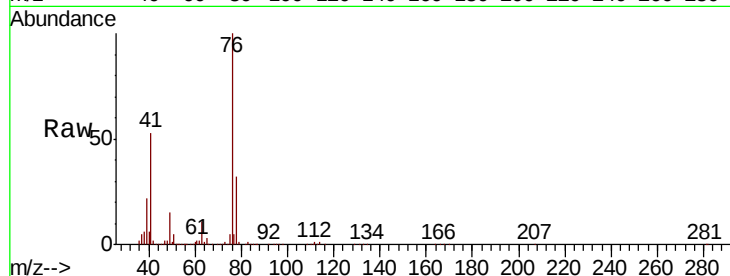
VSTDICCC050

Tot Ion: 76 Resp: 164634

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 235.286 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016423.D

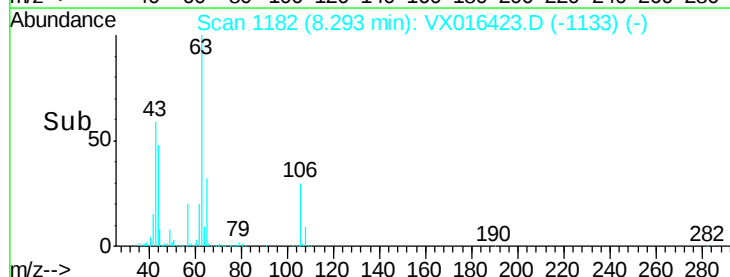
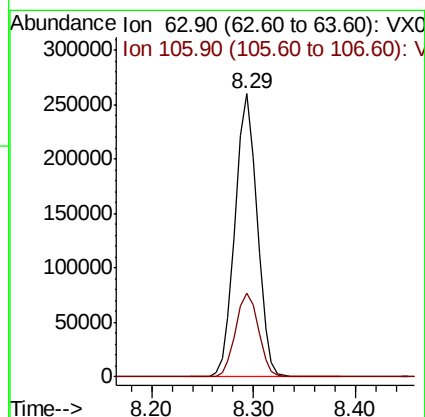
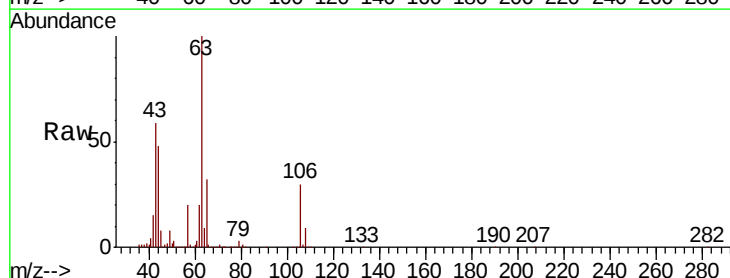
Acq: 26 May 2020 13:39

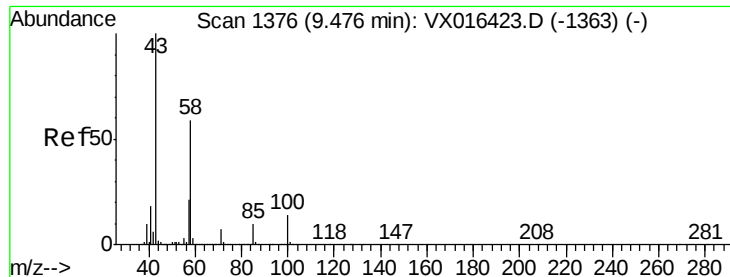
Tgt Ion: 63 Resp: 389544

Ion Ratio Lower Upper

63 100

106 30.7 24.6 36.8

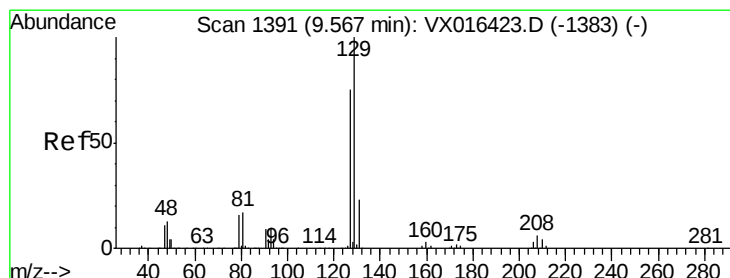
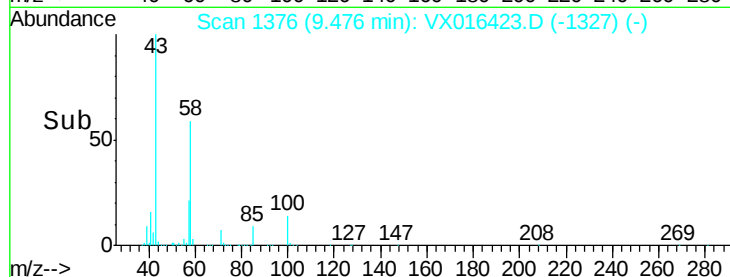
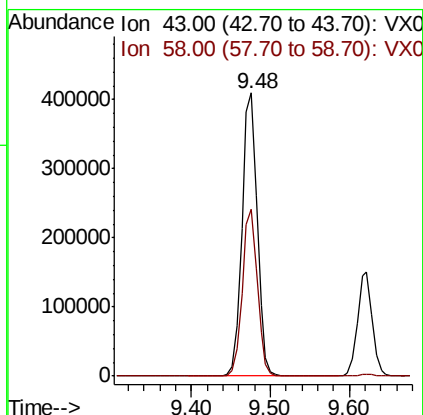
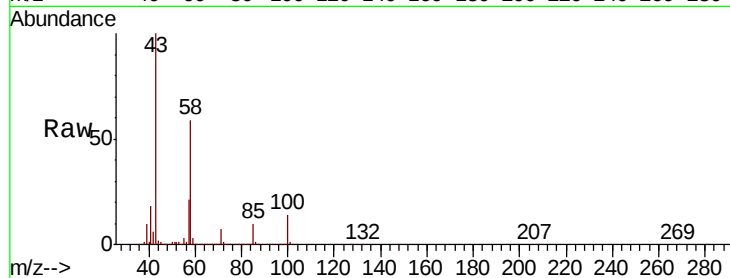




#59
2-Hexanone
Concen: 234.002 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

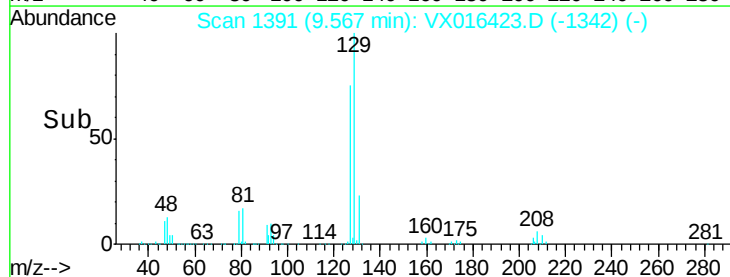
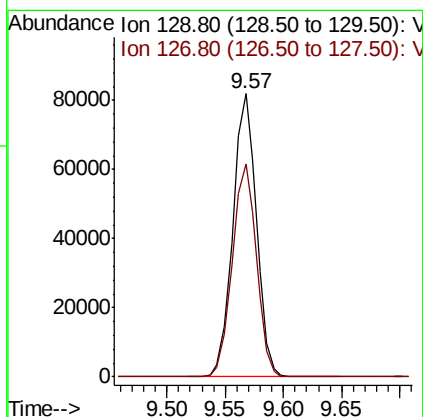
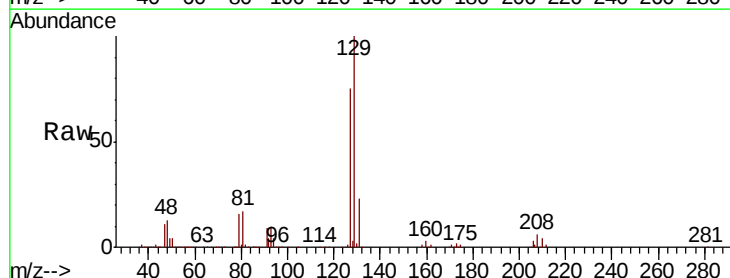
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

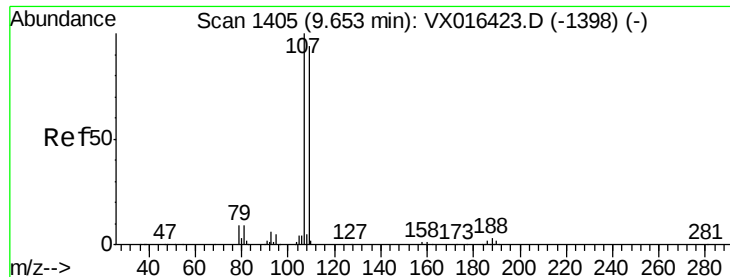
Tot Ion: 43 Resp: 550199
Ion Ratio Lower Upper
43 100
58 58.2 29.1 87.3



#60
Dibromochloromethane
Concen: 53.901 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion: 129 Resp: 115761
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 52.729 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

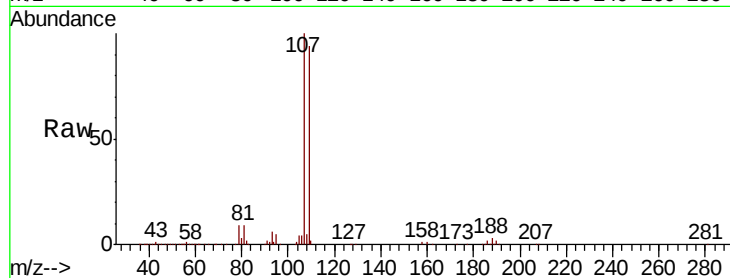
VSTDICCC050

Tot Ion:107 Resp: 111054

Ion Ratio Lower Upper

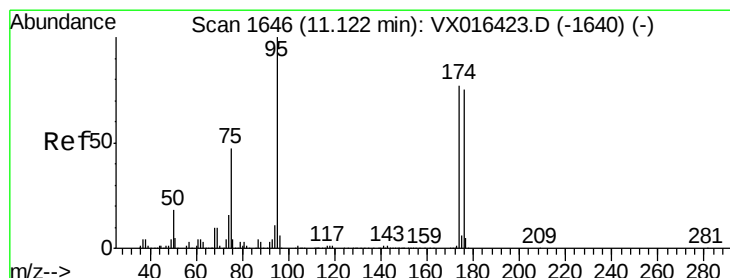
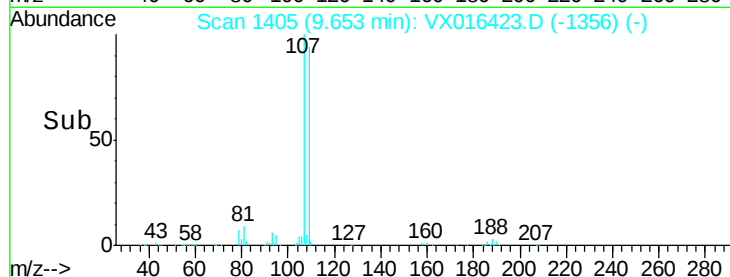
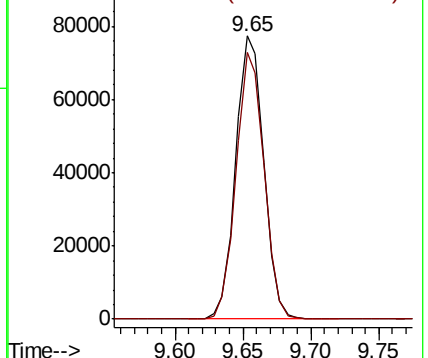
107 100

109 93.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.550 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

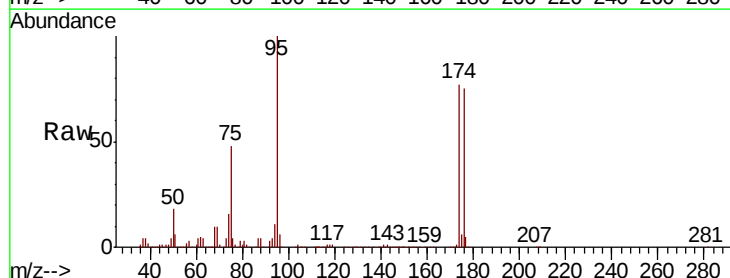
Tgt Ion: 95 Resp: 123754

Ion Ratio Lower Upper

95 100

174 81.3 0.0 162.6

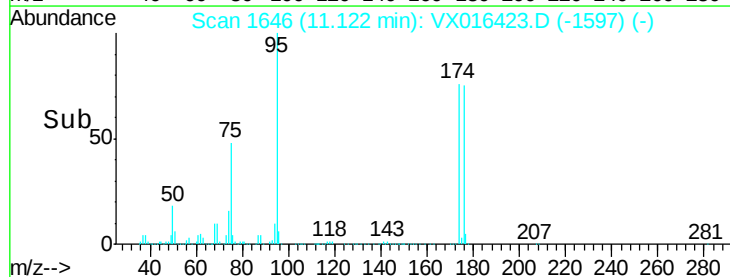
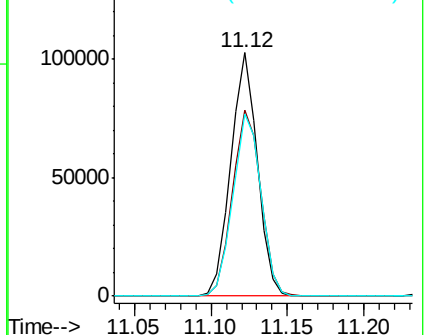
176 79.1 0.0 158.2

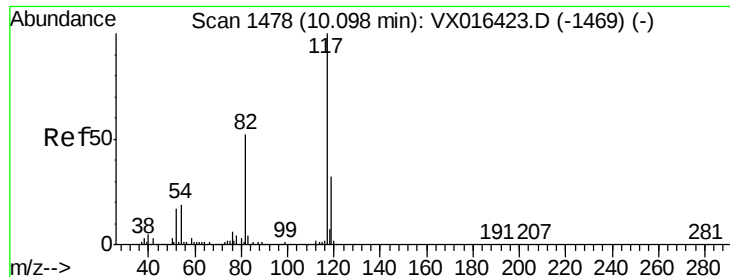


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

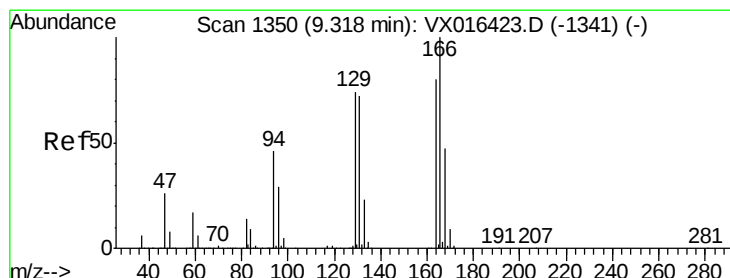
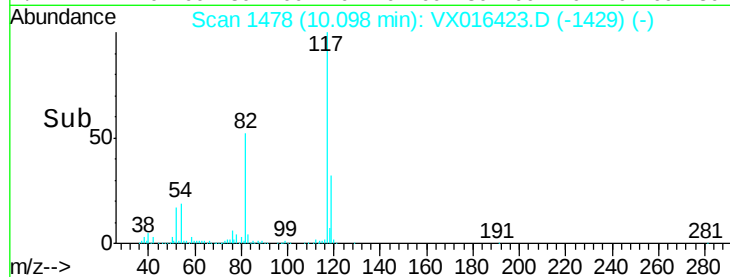
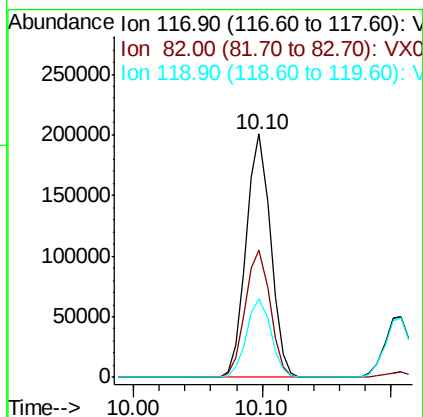
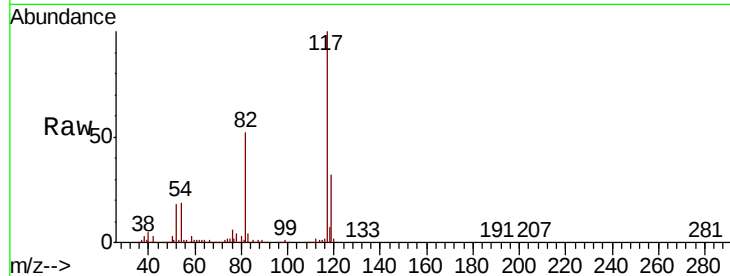




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

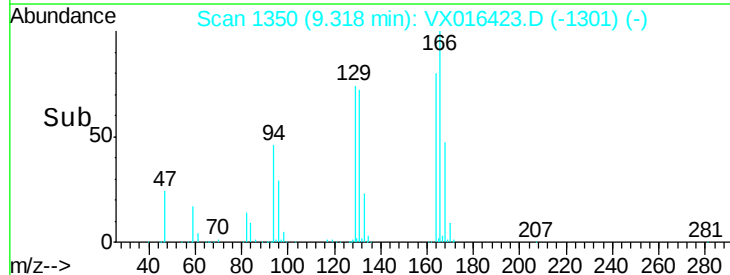
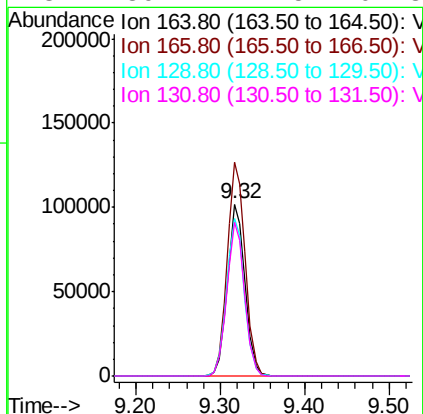
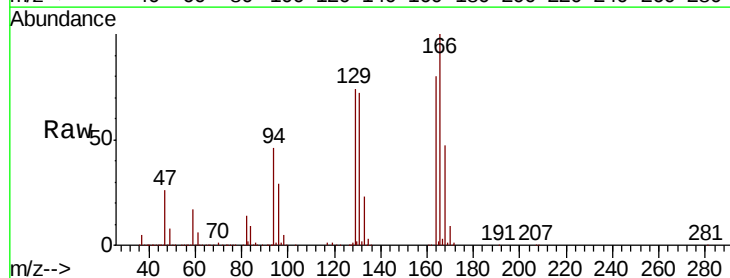
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

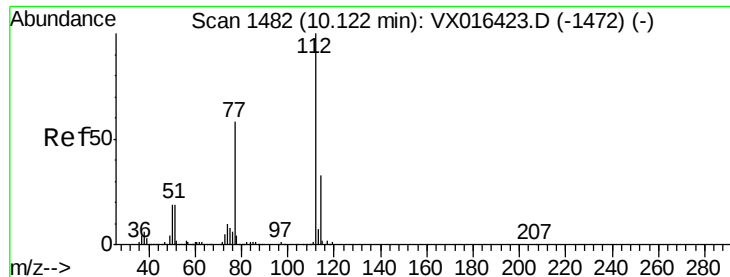
Tot Ion:117 Resp: 263228
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.6
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 45.652 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion:164 Resp: 145655
Ion Ratio Lower Upper
164 100
166 124.4 99.5 149.3
129 91.7 73.4 110.0
131 89.4 71.5 107.3

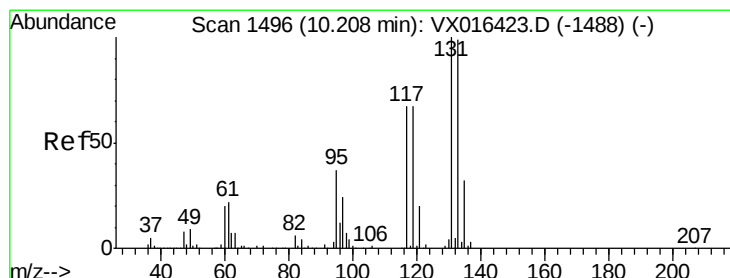
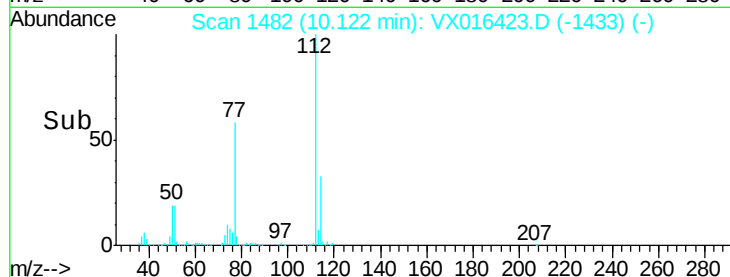
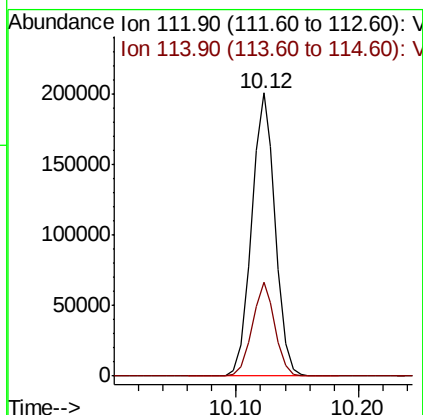
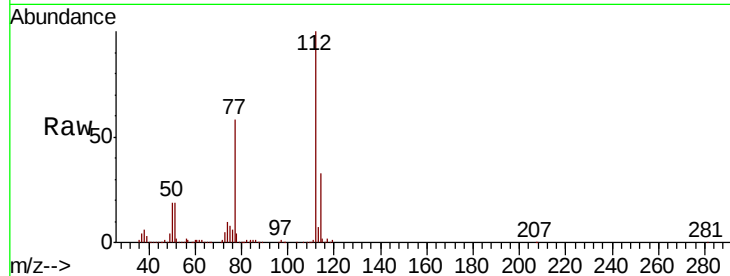




#65
Chlorobenzene
Concen: 48.871 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

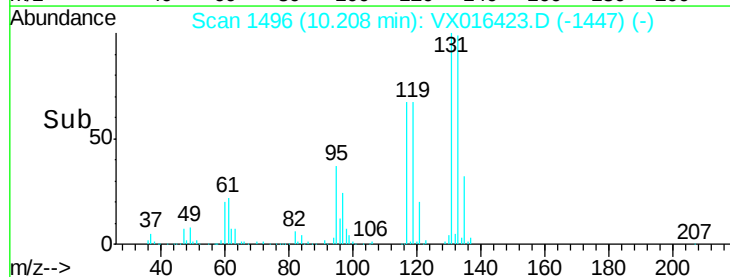
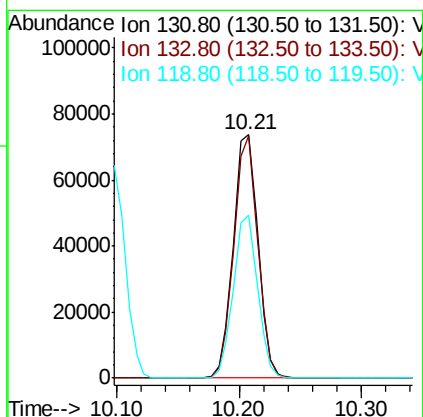
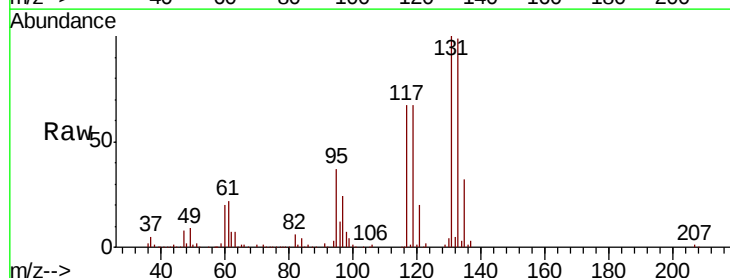
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

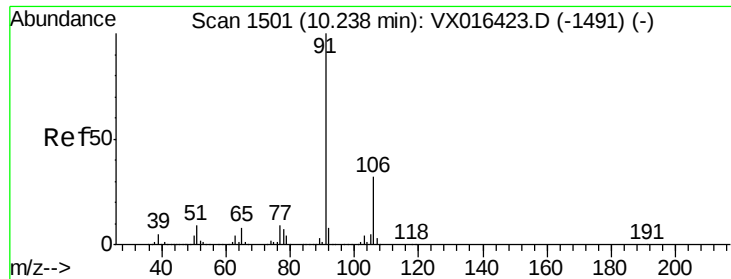
Tot Ion:112 Resp: 268640
Ion Ratio Lower Upper
112 100
114 33.3 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.477 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion:131 Resp: 102845
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 65.9 33.0 98.9

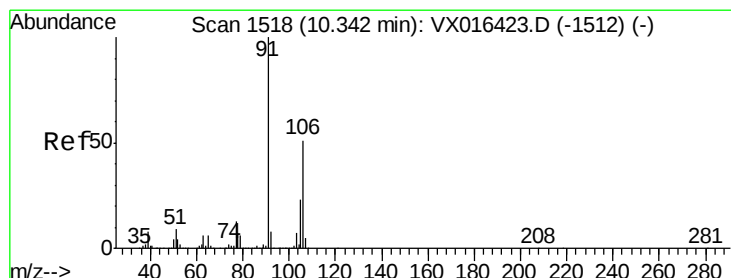
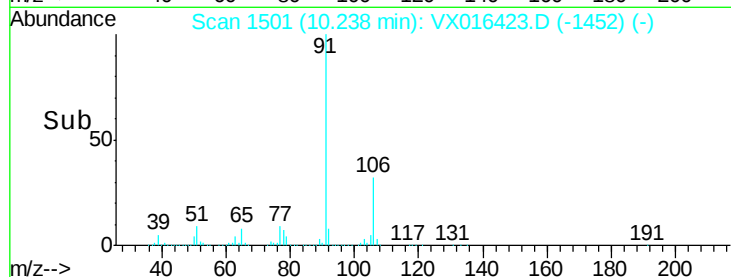
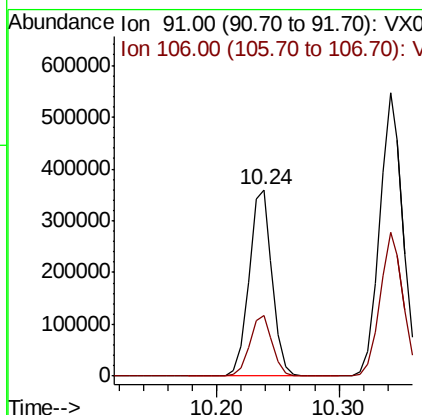
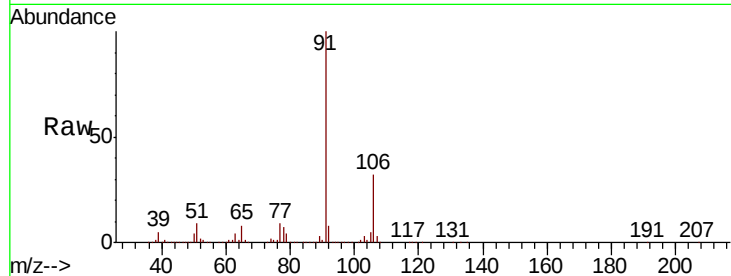




#67
Ethyl Benzene
Concen: 48.132 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

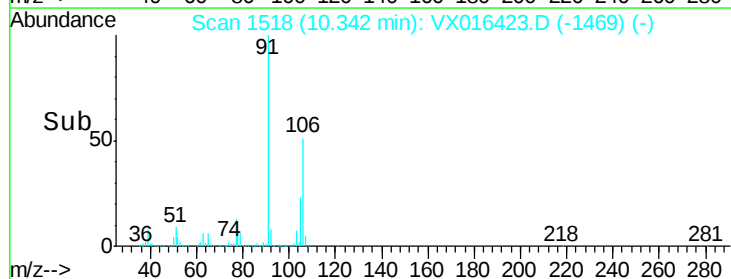
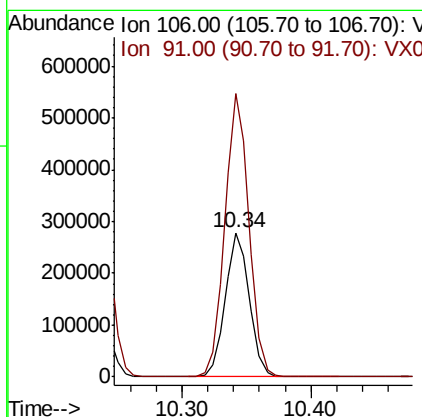
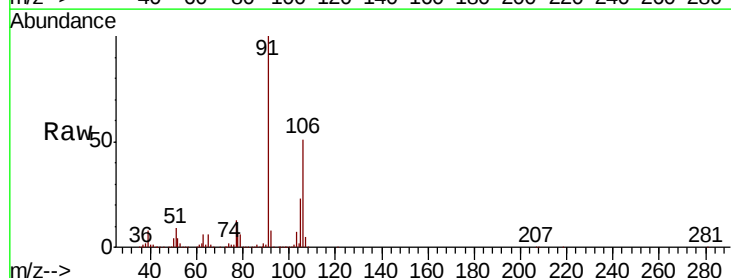
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

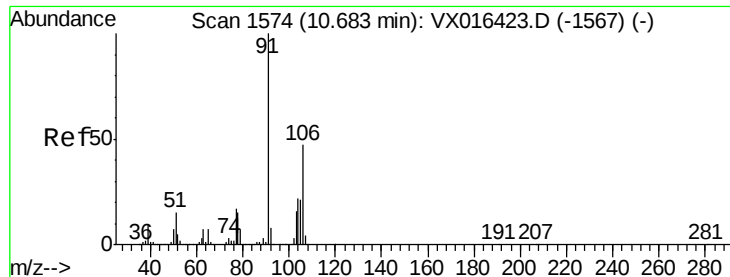
Tot Ion: 91 Resp: 469161
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8



#68
m/p-Xylenes
Concen: 99.261 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion: 106 Resp: 363546
Ion Ratio Lower Upper
106 100
91 197.8 158.2 237.4

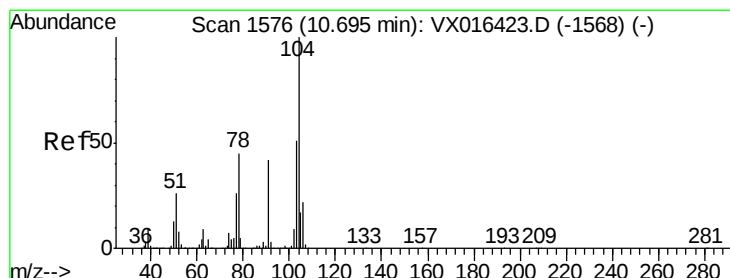
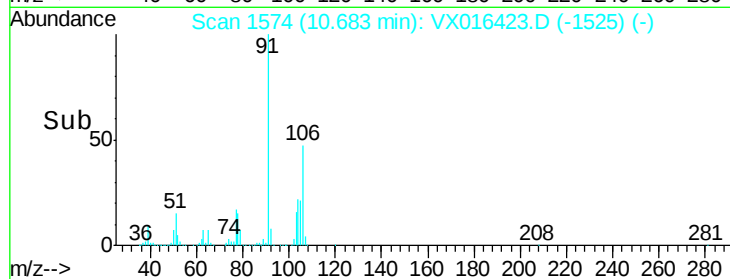
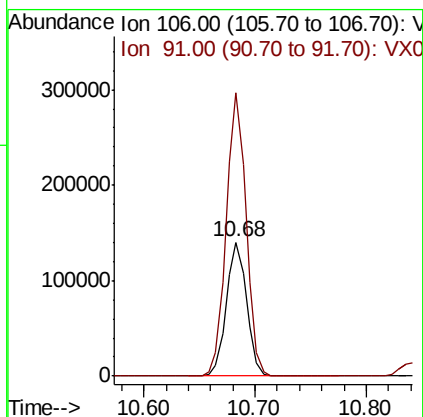
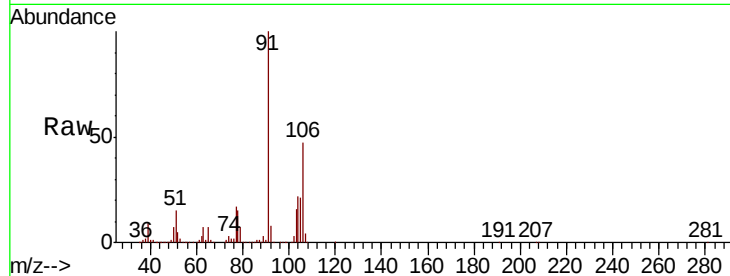




#69
o-Xylene
Concen: 49.955 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

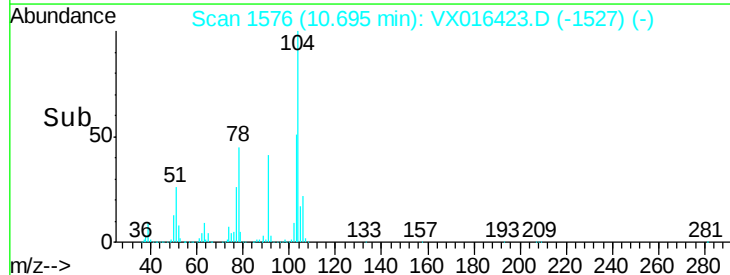
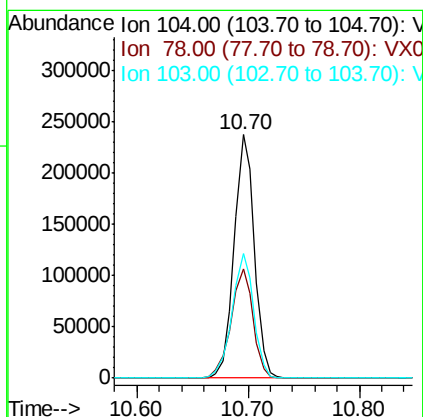
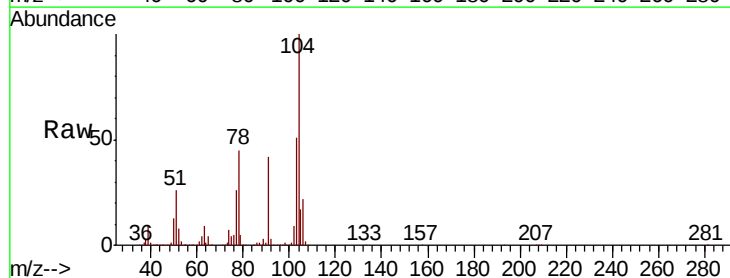
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

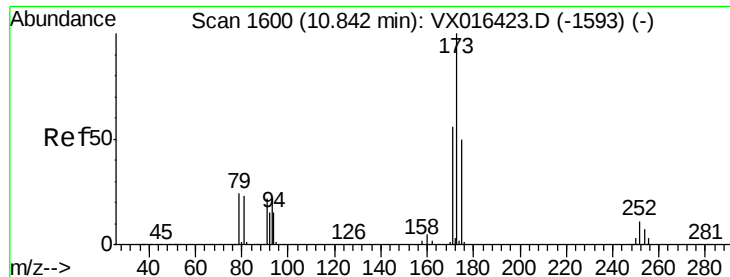
Tot Ion:106 Resp: 176225
Ion Ratio Lower Upper
106 100
91 208.0 104.0 312.0



#70
Styrene
Concen: 49.975 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion:104 Resp: 298189
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 54.7 43.8 65.6





#71

Bromoform

Concen: 52.823 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

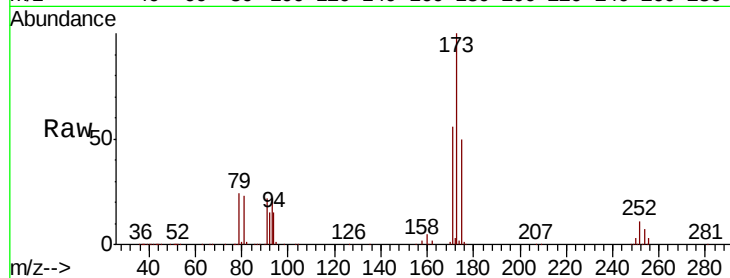
Tot Ion:173 Resp: 87828

Ion Ratio Lower Upper

173 100

175 49.0 24.5 73.5

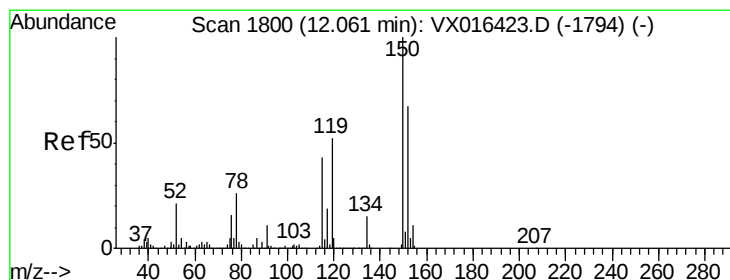
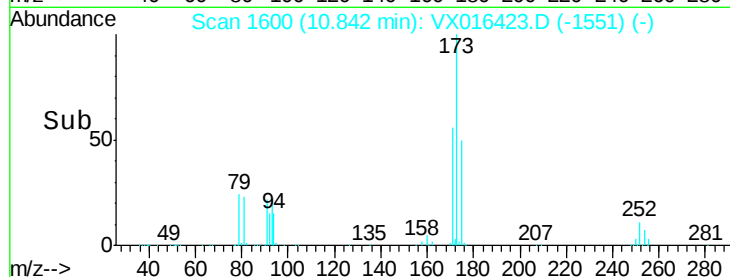
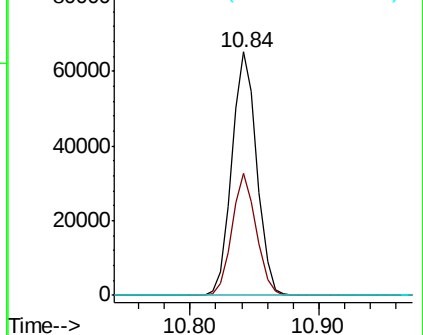
254 0.2 0.2 0.2



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: VX016423.D

Acq: 26 May 2020 13:39

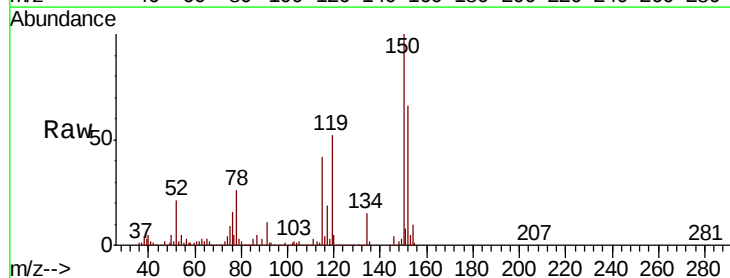
Tgt Ion:152 Resp: 132321

Ion Ratio Lower Upper

152 100

115 80.8 40.4 121.2

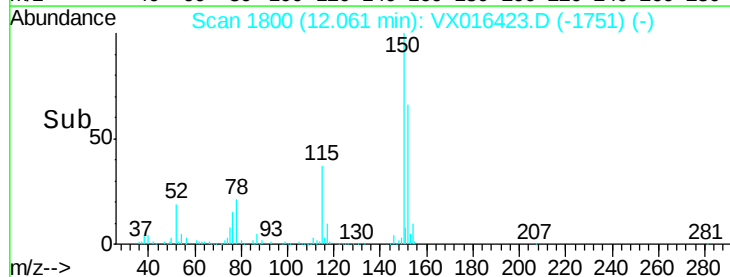
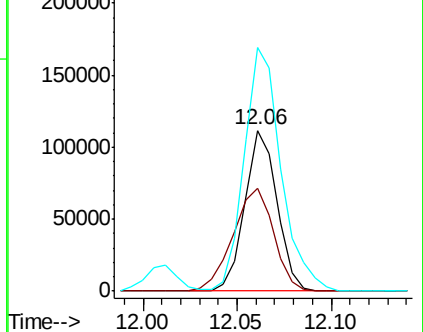
150 172.9 0.0 345.8

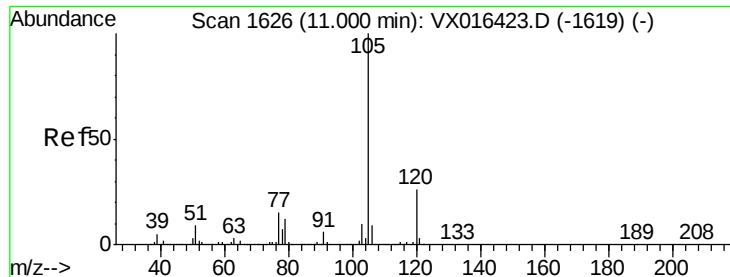


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.203 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

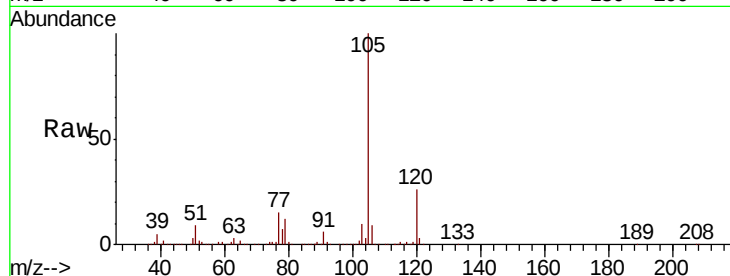
VSTDICCC050

Tot Ion:105 Resp: 460198

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

400000

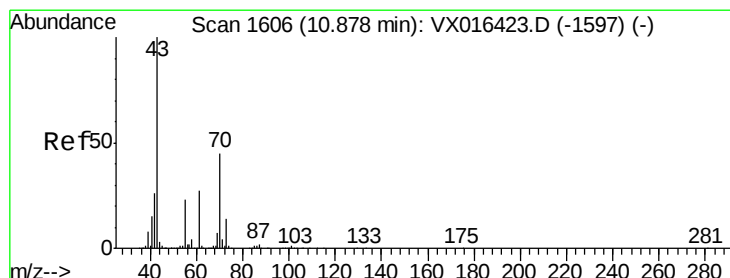
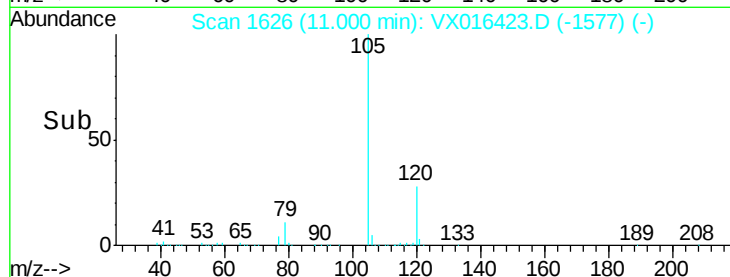
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 43.770 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Tgt Ion: 43 Resp: 191441

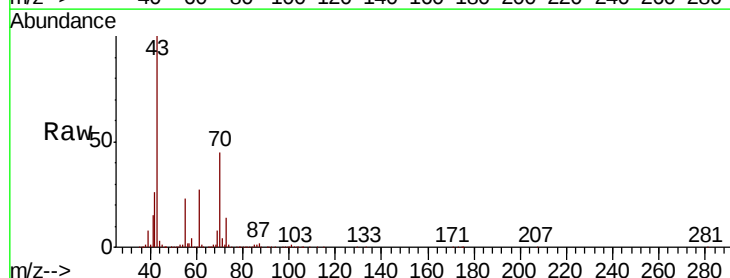
Ion Ratio Lower Upper

43 100

70 47.5 38.0 57.0

55 25.0 20.0 30.0

61 26.8 21.4 32.2



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

250000

200000

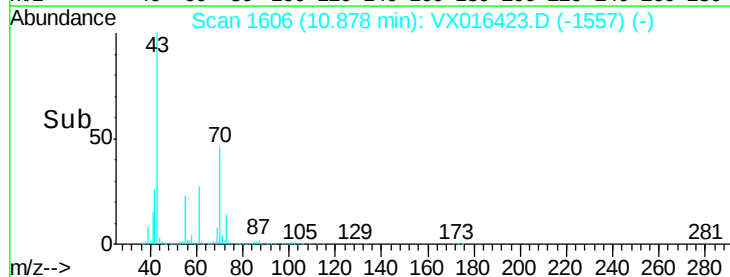
150000

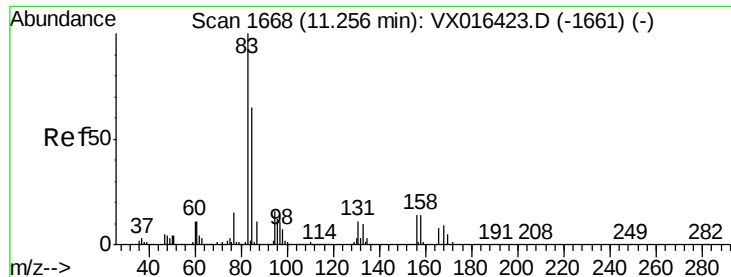
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 63.079 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

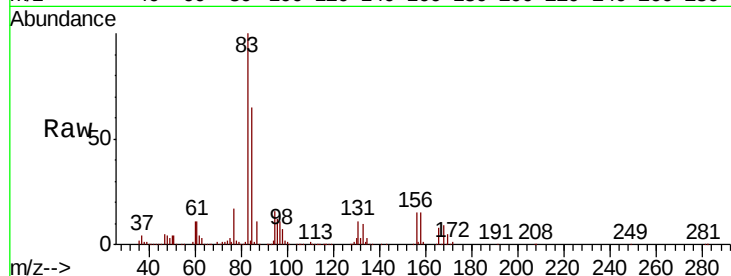
Tot Ion: 83 Resp: 110594

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

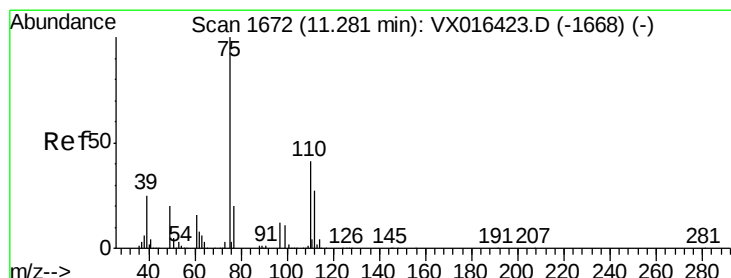
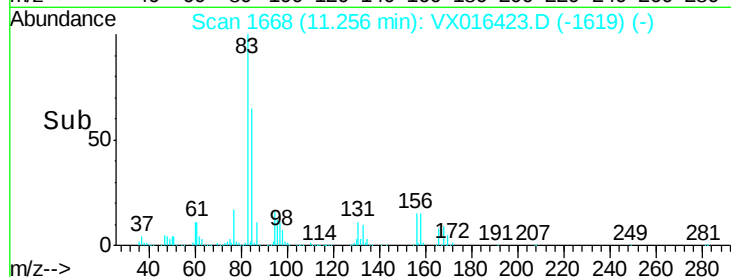
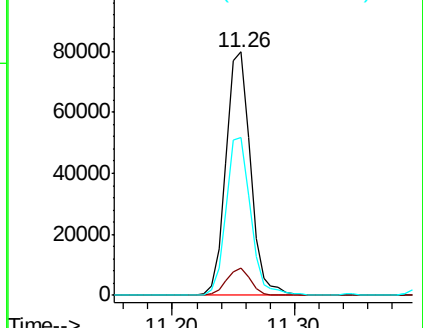
85 65.1 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.117 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016423.D

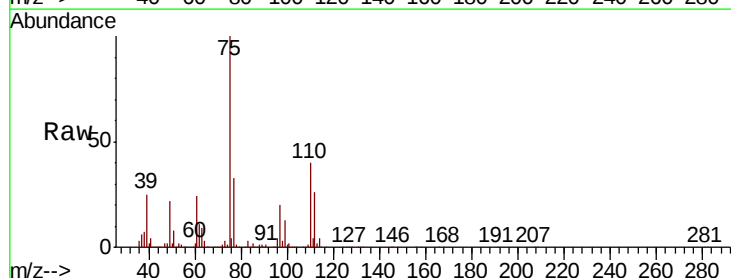
Acq: 26 May 2020 13:39

Tgt Ion: 75 Resp: 183941

Ion Ratio Lower Upper

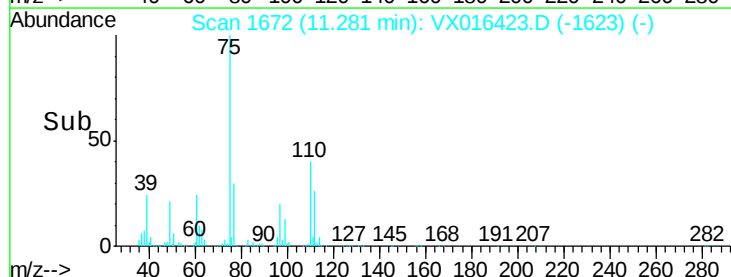
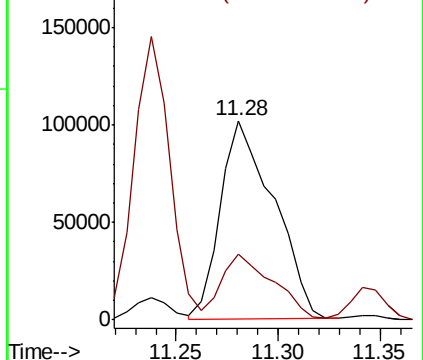
75 100

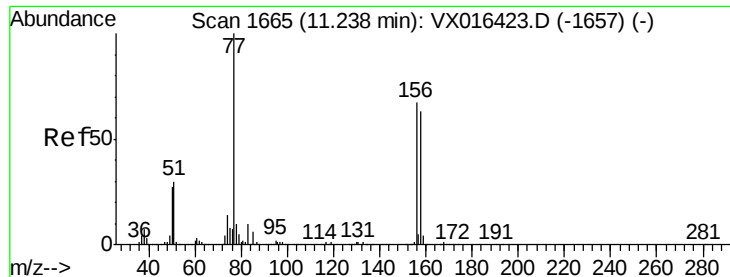
77 32.3 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.181 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

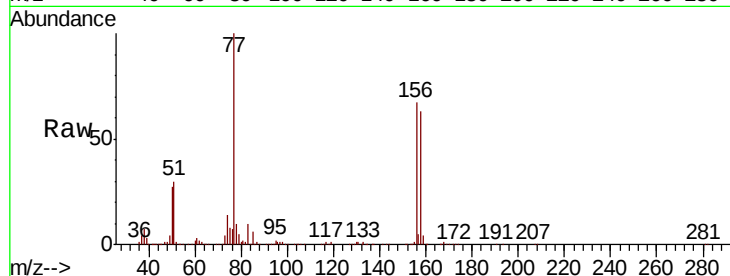
Tot Ion:156 Resp: 119519

Ion Ratio Lower Upper

156 100

77 149.2 74.6 223.8

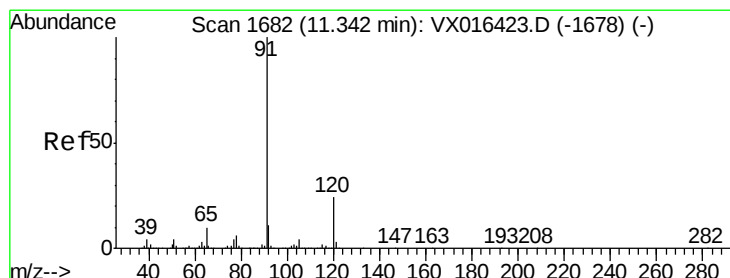
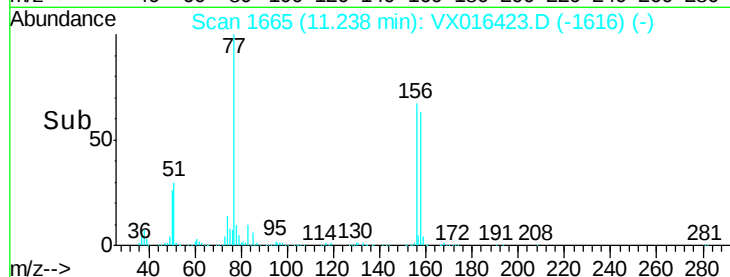
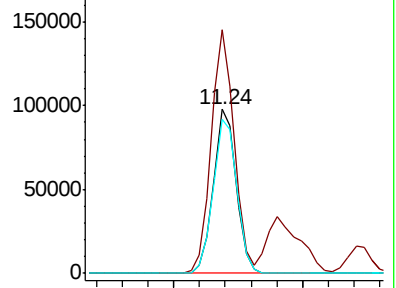
158 97.4 48.7 146.1



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: 46.841 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016423.D

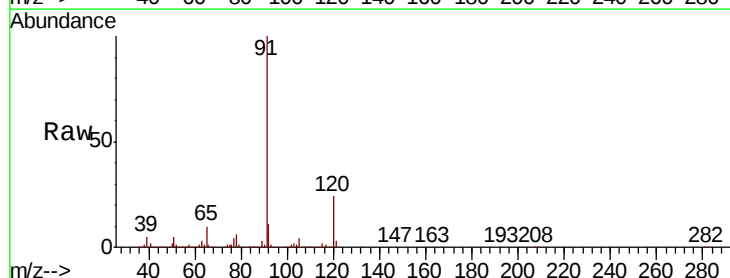
Acq: 26 May 2020 13:39

Tgt Ion: 91 Resp: 519003

Ion Ratio Lower Upper

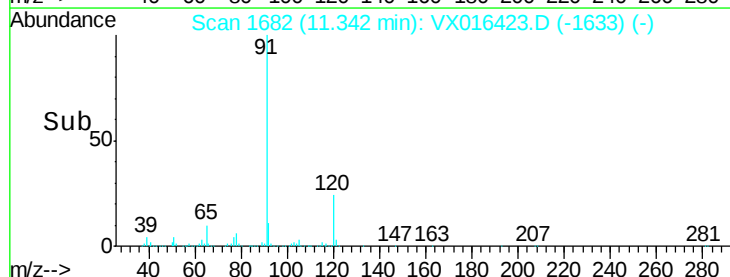
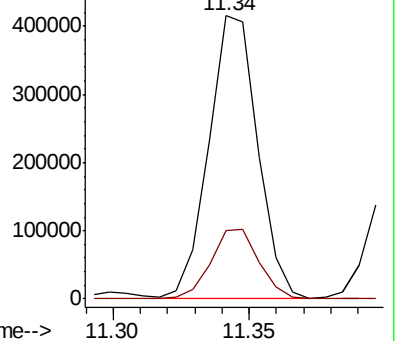
91 100

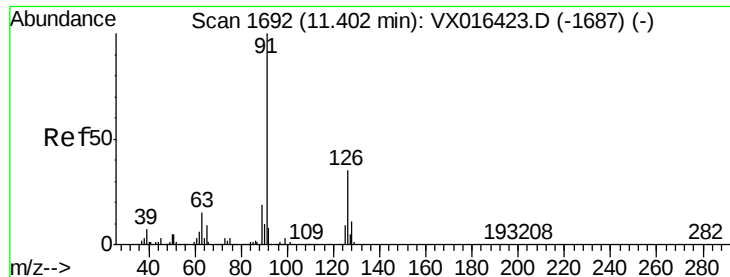
120 24.2 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.735 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

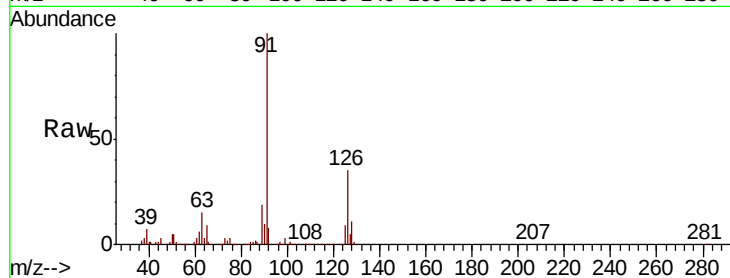
VSTDICCC050

Tot Ion: 91 Resp: 306223

Ion Ratio Lower Upper

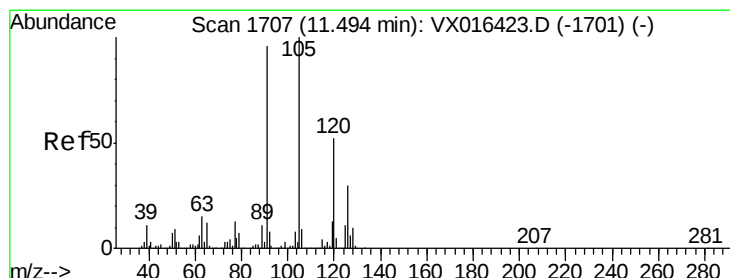
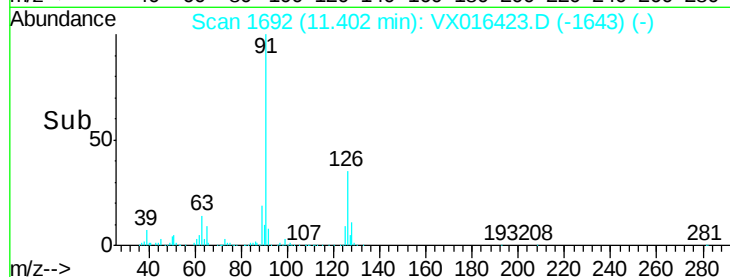
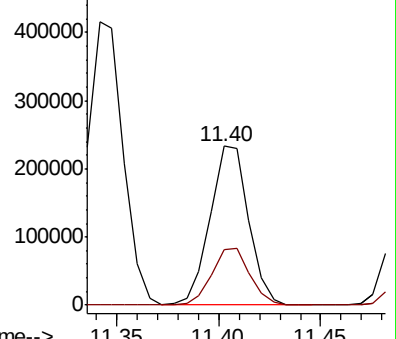
91 100

126 35.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX016423.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016423.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.809 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016423.D

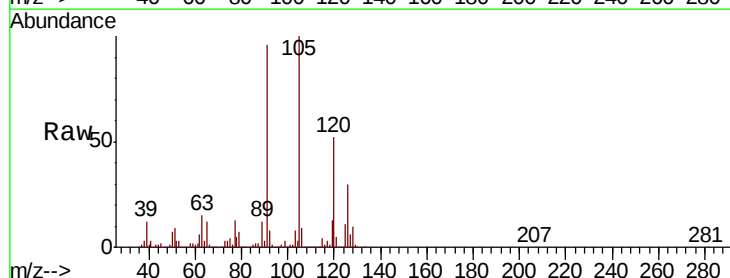
Acq: 26 May 2020 13:39

Tgt Ion:105 Resp: 385166

Ion Ratio Lower Upper

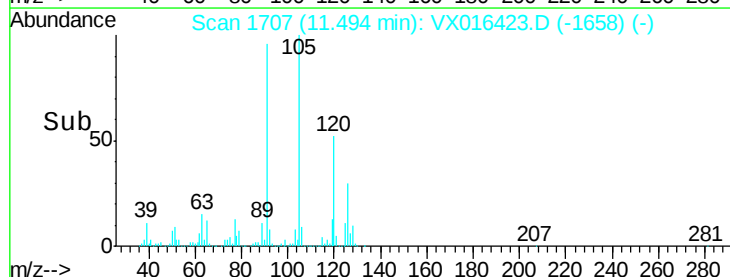
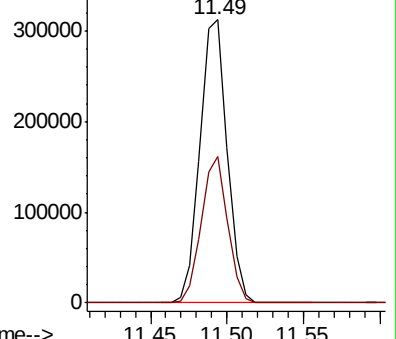
105 100

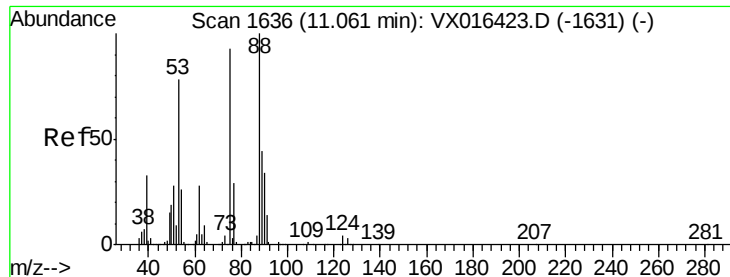
120 50.0 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX016423.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016423.D (-1701) (-)

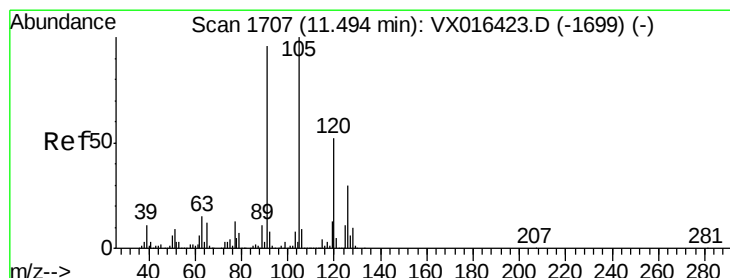
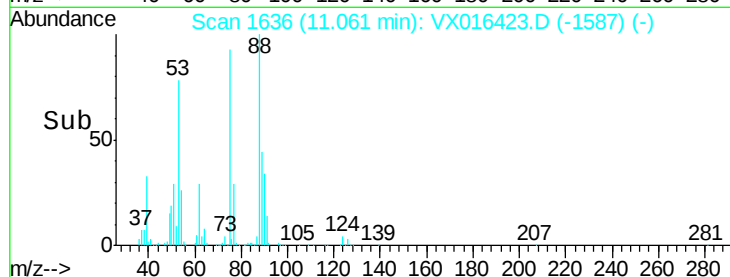
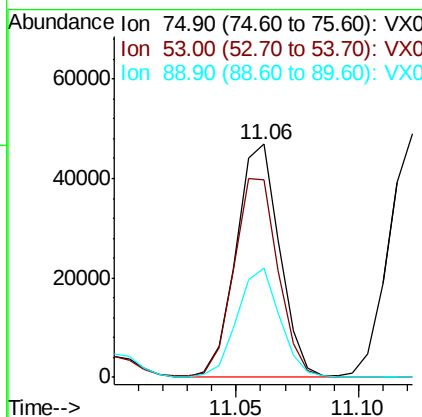
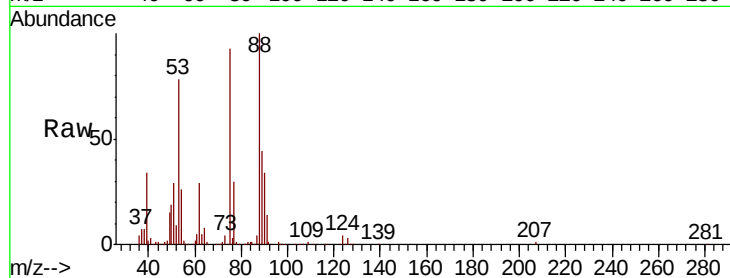




#81
trans-1,4-Dichloro-2-butene
Concen: 46.993 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

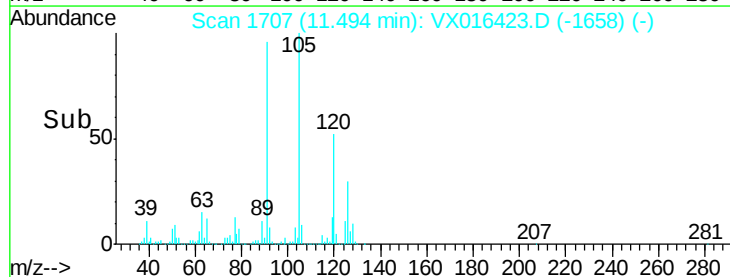
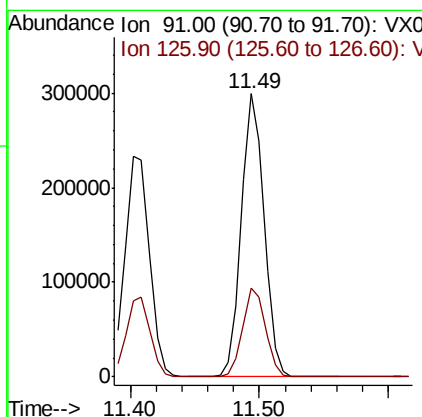
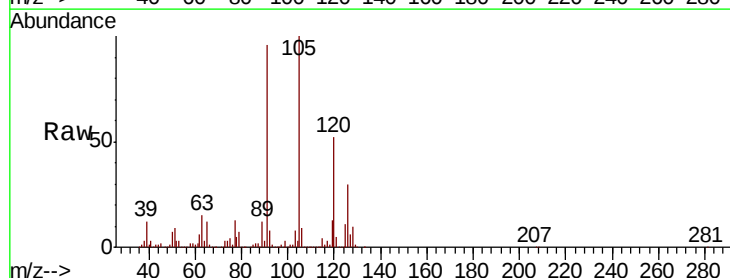
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

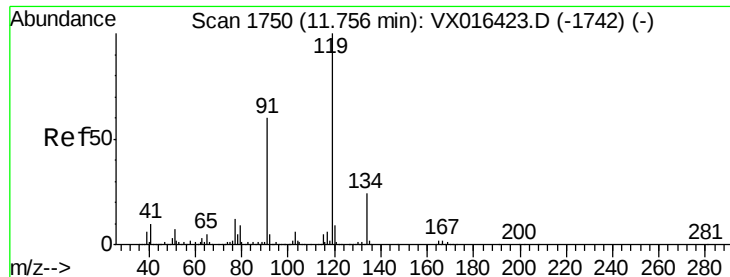
Tot Ion: 75 Resp: 58033
Ion Ratio Lower Upper
75 100
53 86.8 69.4 104.2
89 46.3 37.0 55.6



#82
4-Chlorotoluene
Concen: 47.292 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion: 91 Resp: 366261
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.0

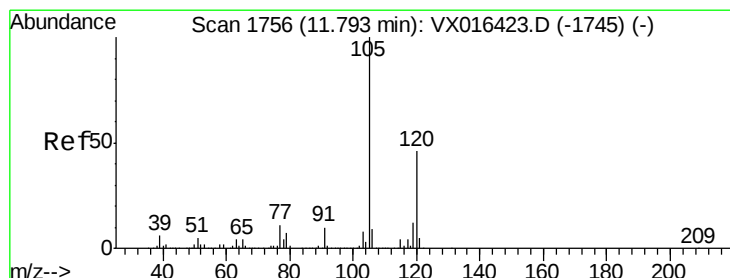
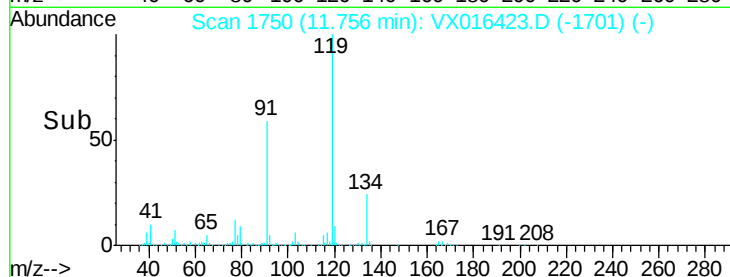
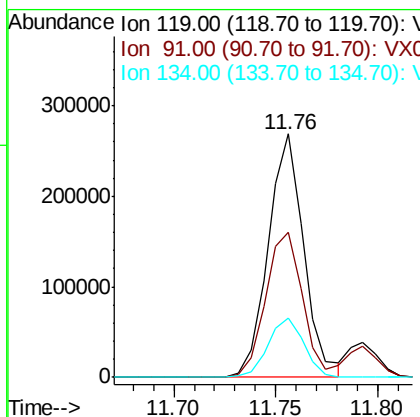
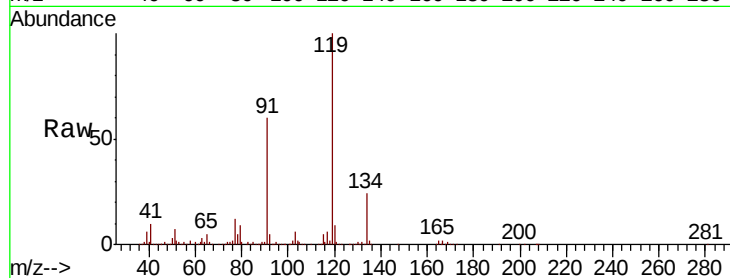




#83
tert-Butylbenzene
Concen: 47.141 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

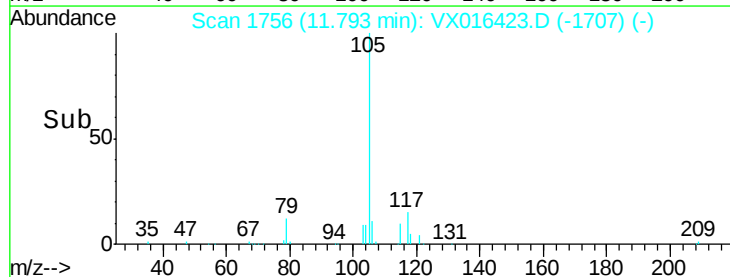
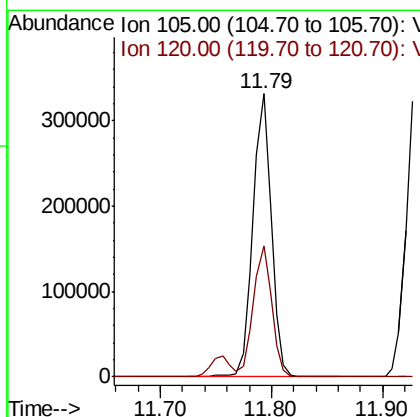
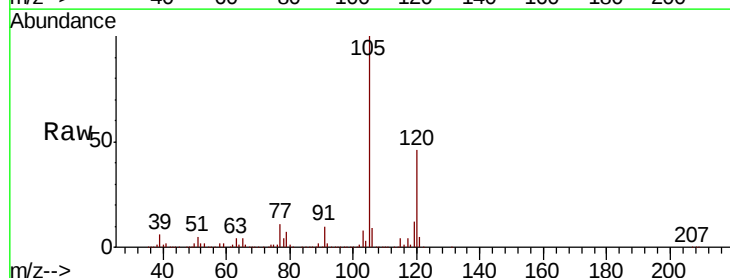
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

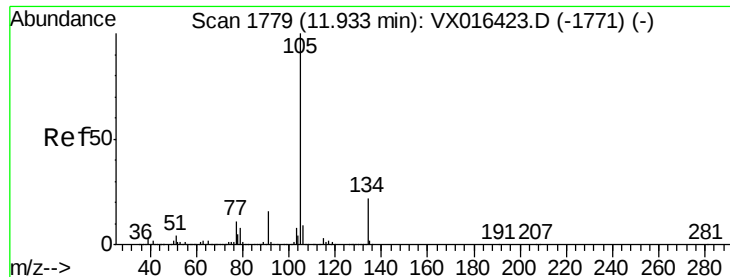
Tot Ion:119 Resp: 327127
Ion Ratio Lower Upper
119 100
91 61.5 30.8 92.3
134 24.6 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 47.165 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion:105 Resp: 383354
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6

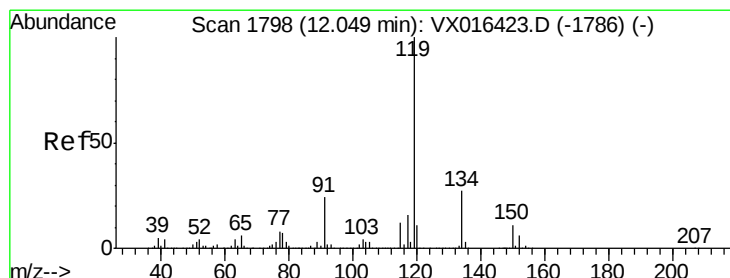
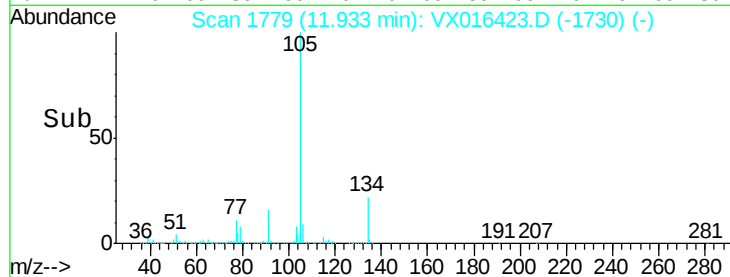
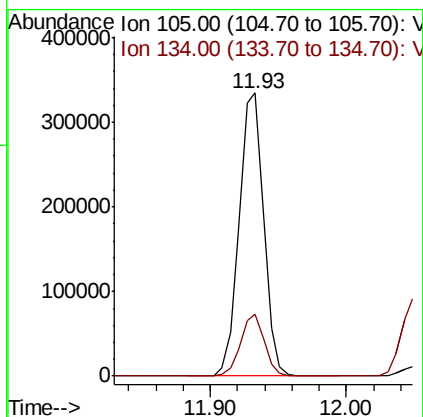
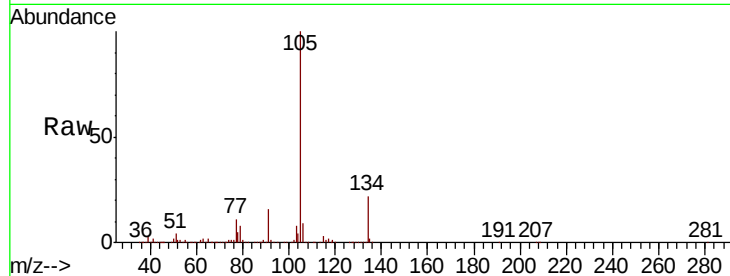




#85
 sec-Butylbenzene
 Concen: 45.147 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

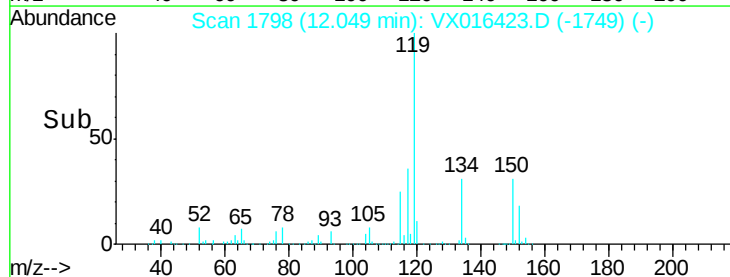
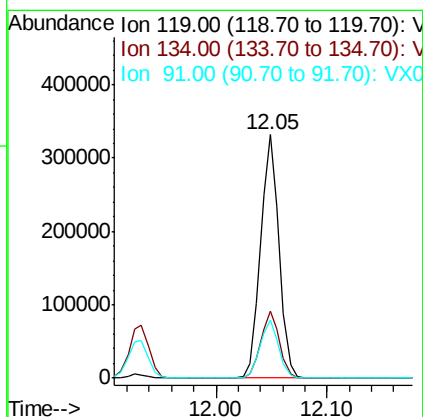
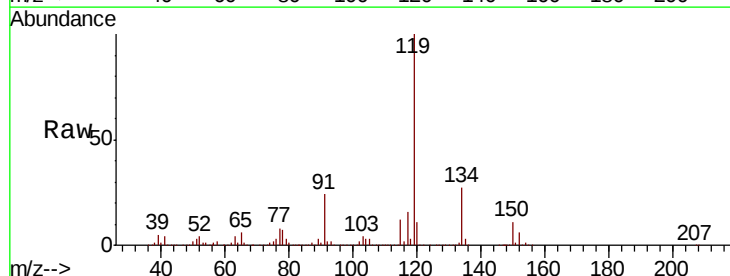
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

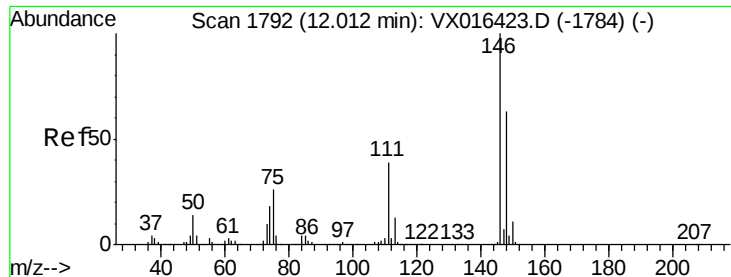
Tot Ion:105 Resp: 419132
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 44.857 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Tgt Ion:119 Resp: 385690
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.8 41.3
 91 23.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 46.582 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

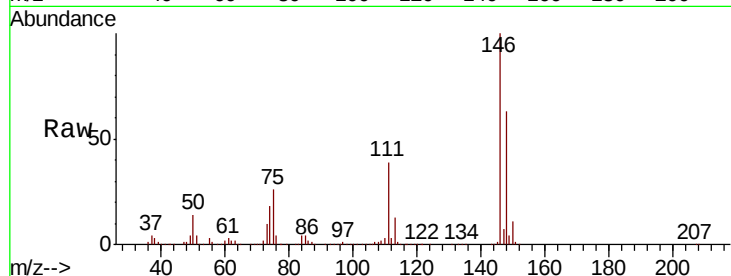
Tot Ion:146 Resp: 206406

Ion Ratio Lower Upper

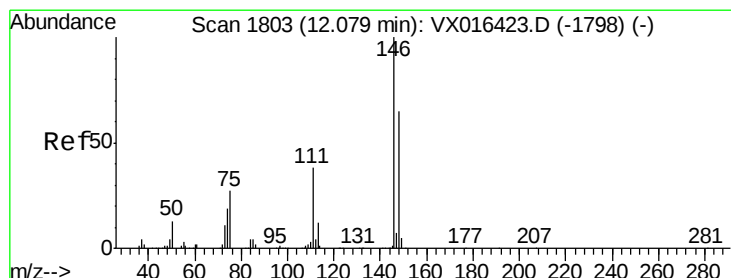
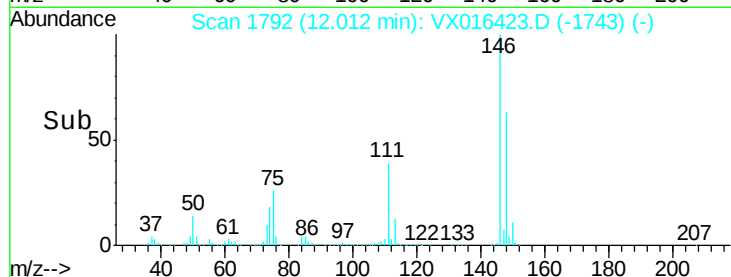
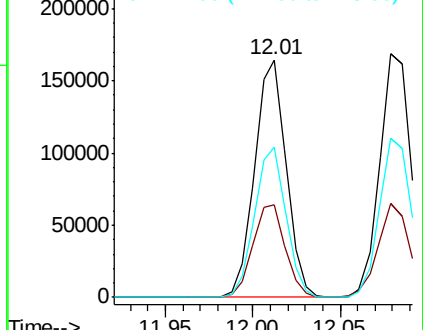
146 100

111 40.1 20.1 60.2

148 62.8 31.4 94.2



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: 46.660 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

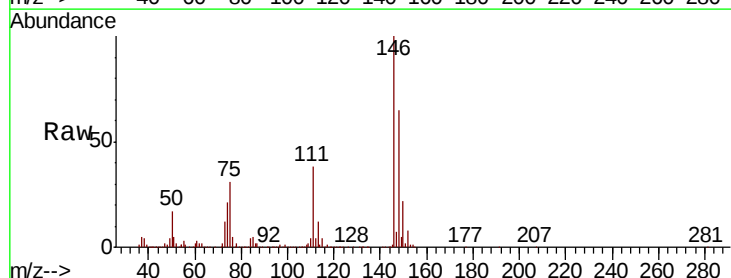
Tgt Ion:146 Resp: 209968

Ion Ratio Lower Upper

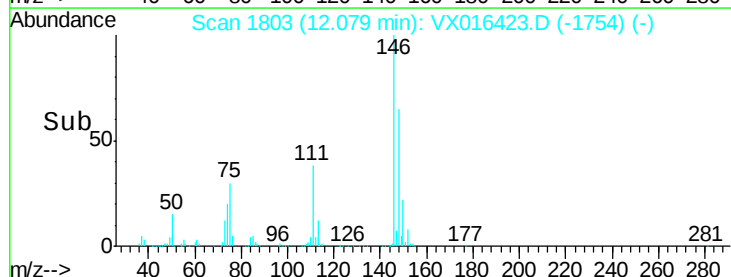
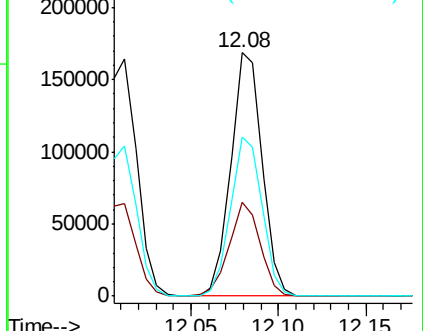
146 100

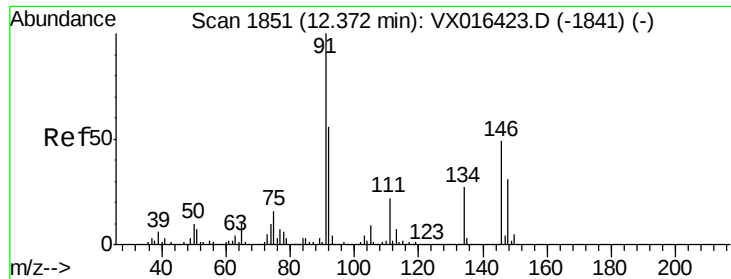
111 38.4 19.2 57.6

148 66.1 33.1 99.2



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

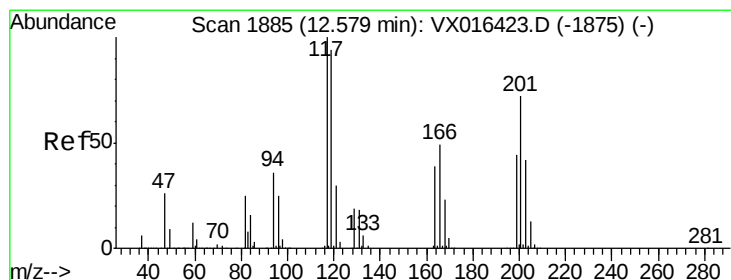
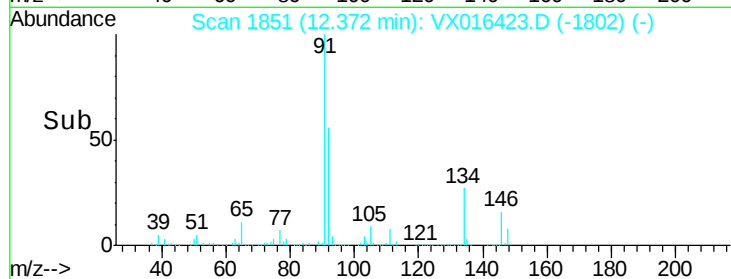
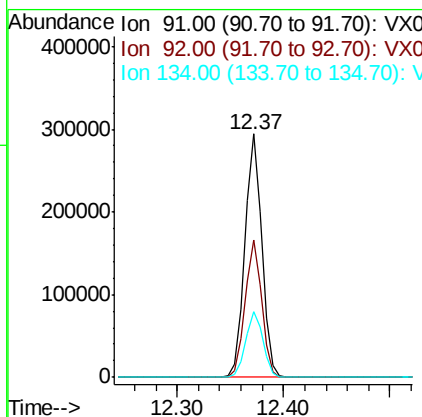
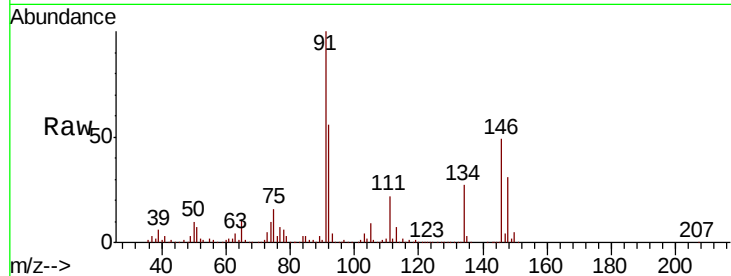




#89
n-Butylbenzene
Concen: 42.139 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

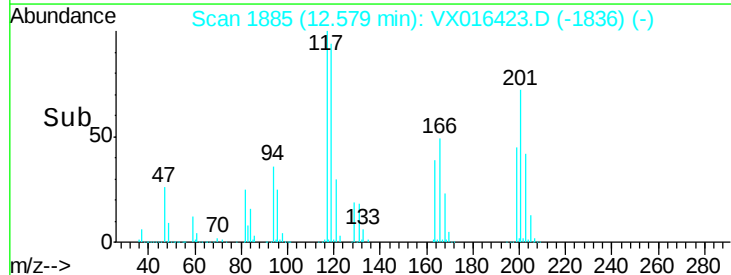
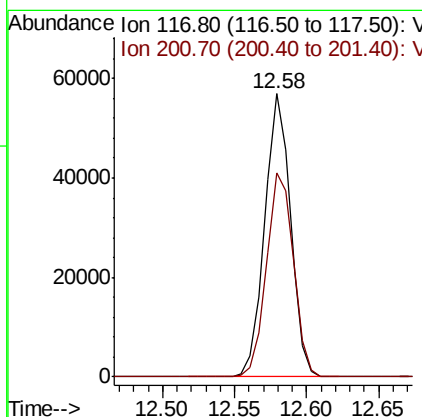
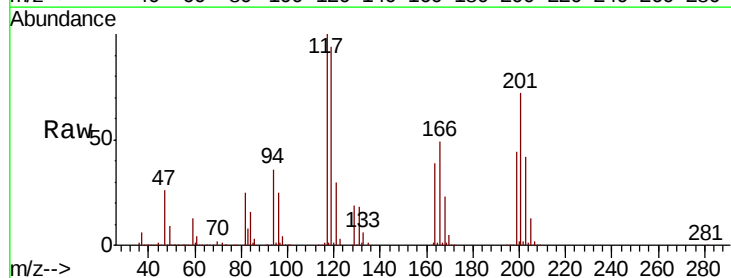
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

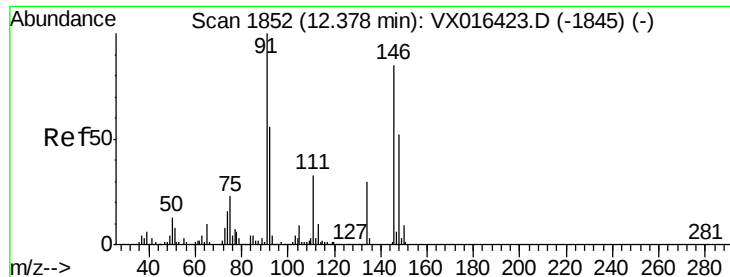
Tot Ion: 91 Resp: 329162
Ion Ratio Lower Upper
91 100
92 55.2 27.6 82.8
134 27.4 13.7 41.1



#90
Hexachloroethane
Concen: 47.353 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion: 117 Resp: 70376
Ion Ratio Lower Upper
117 100
201 75.3 37.6 112.9





#91

1,2-Dichlorobenzene

Concen: 47.866 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

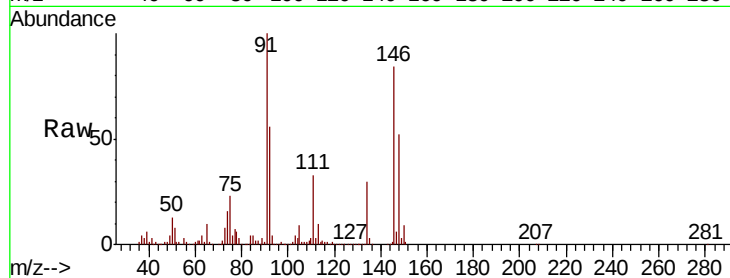
Tot Ion:146 Resp: 205253

Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.3

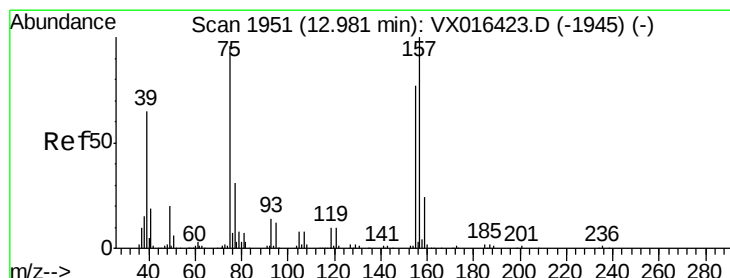
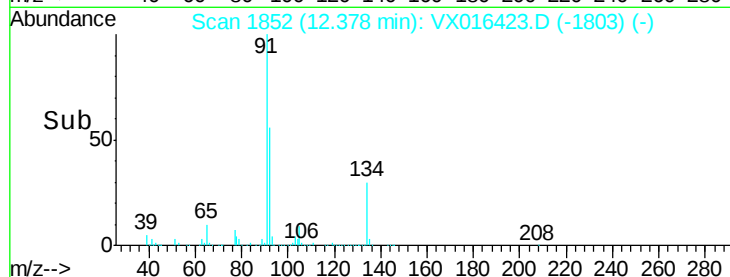
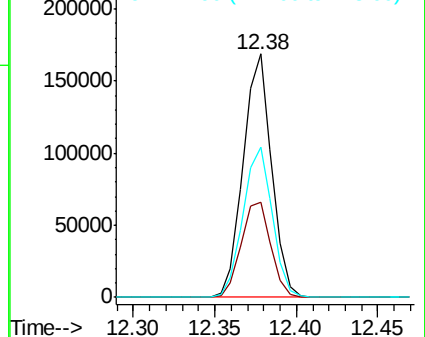
148 63.2 31.6 94.8



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: 45.279 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

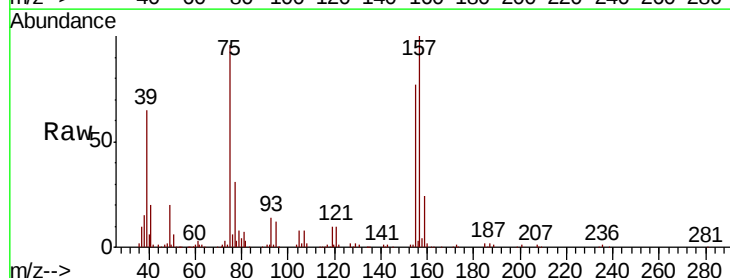
Tgt Ion: 75 Resp: 35364

Ion Ratio Lower Upper

75 100

155 89.6 44.8 134.4

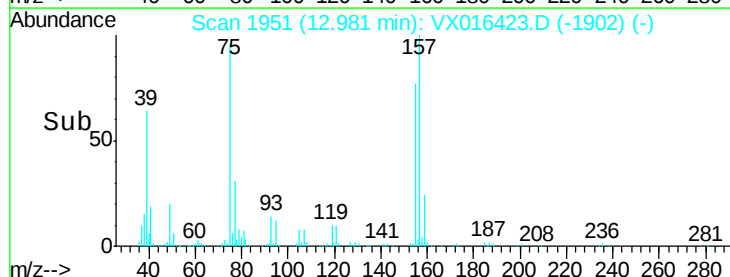
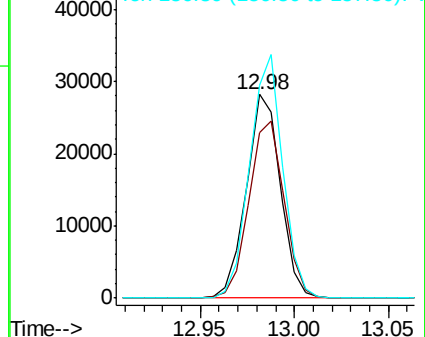
157 115.6 57.8 173.4

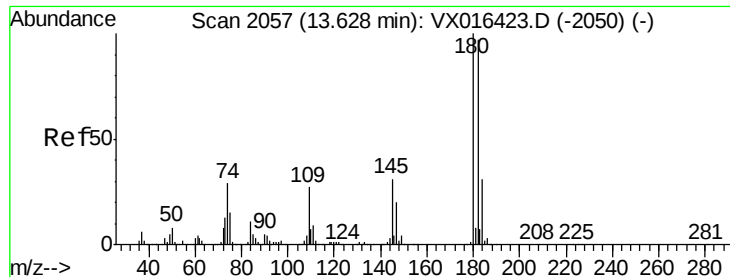


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

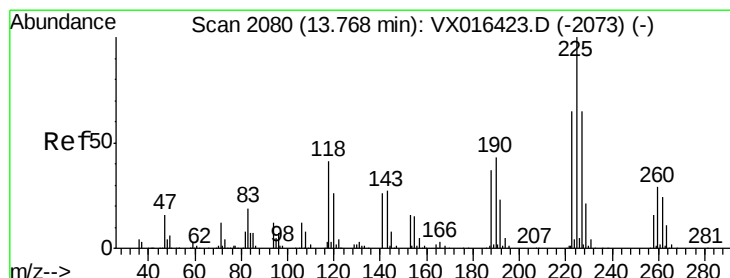
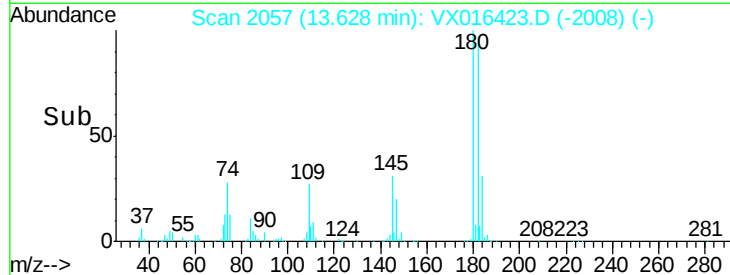
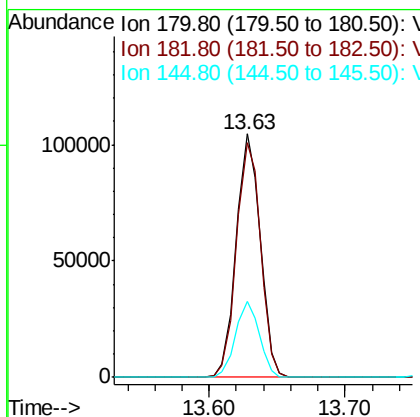
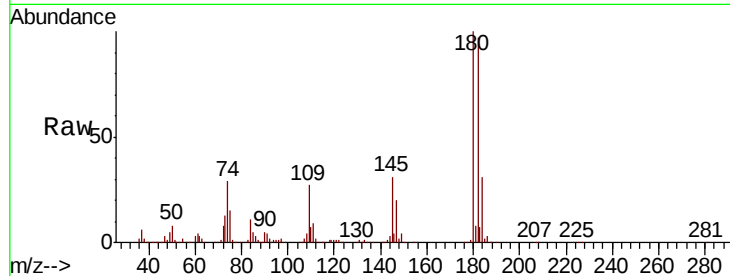




#93
 1,2,4-Trichlorobenzene
 Concen: 41.302 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

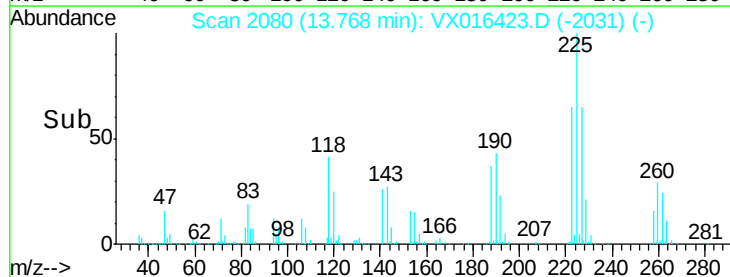
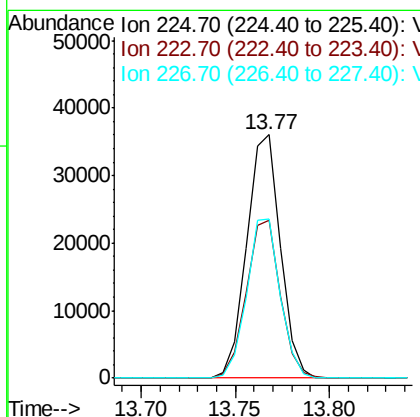
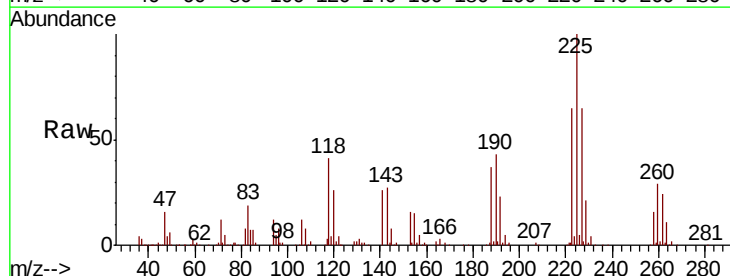
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

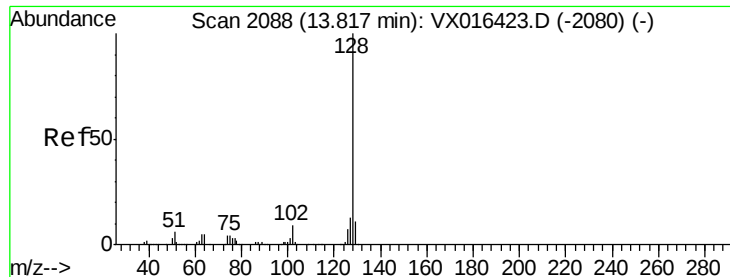
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.6	145.8
145	31.0	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 32.085 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	32.6	98.0
227	64.9	32.5	97.4





#95

Naphthalene

Concen: 46.493 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

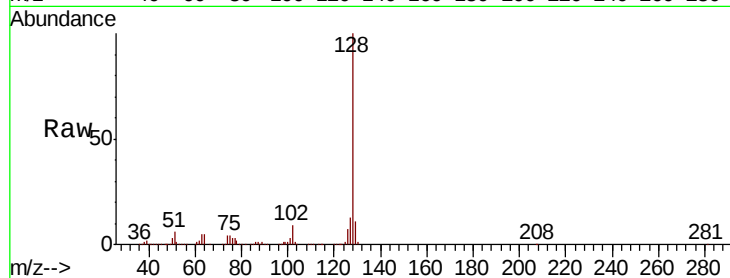
Tot Ion:128 Resp: 473443

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

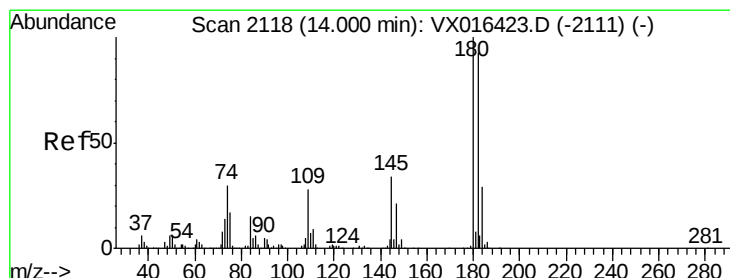
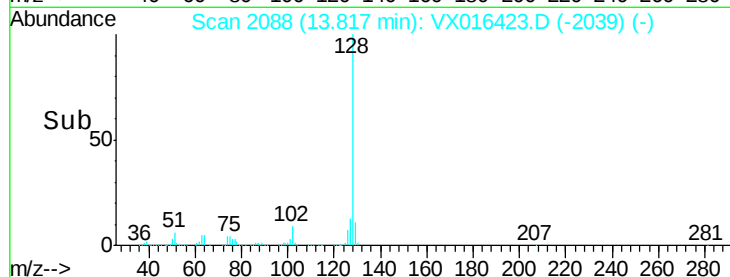
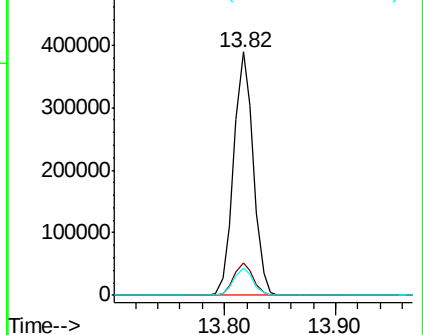
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 41.614 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

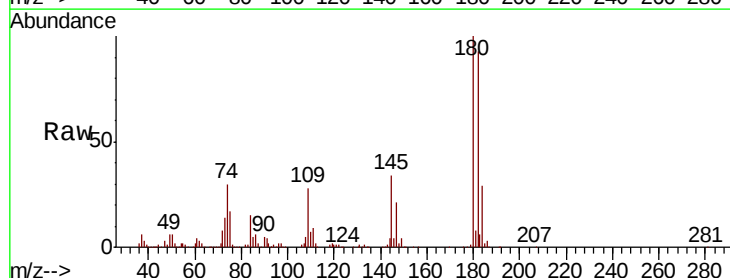
Tgt Ion:180 Resp: 125861

Ion Ratio Lower Upper

180 100

182 96.4 48.2 144.6

145 32.6 16.3 48.9



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

