

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016217.D
 Acq On : 14 May 2020 06:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 14 07:23:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	251977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	416702	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	393284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203547	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	162760	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
35) Dibromofluoromethane	5.46	113	130191	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	8.70	98	508511	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.12	95	199011	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	138181	51.809	ug/l	99
3) Chloromethane	1.31	50	152074	49.097	ug/l	98
4) Vinyl Chloride	1.39	62	163327	49.424	ug/l	100
5) Bromomethane	1.62	94	73240	43.961	ug/l	99
6) Chloroethane	1.70	64	98499	48.988	ug/l	98
7) Trichlorofluoromethane	1.91	101	212932	49.080	ug/l	99
8) Diethyl Ether	2.17	74	88045	48.165	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	121322	48.470	ug/l	99
10) Methyl Iodide	2.49	142	131908	39.233	ug/l	99
11) Tert butyl alcohol	3.02	59	201186	239.944	ug/l	100
12) 1,1-Dichloroethene	2.36	96	126054	48.125	ug/l	98
13) Acrolein	2.27	56	114743	218.689	ug/l	98
14) Allyl chloride	2.71	41	224402	46.724	ug/l	96
15) Acrylonitrile	3.12	53	438560	252.131	ug/l	99
16) Acetone	2.42	43	350382	236.831	ug/l	95
17) Carbon Disulfide	2.55	76	365411	46.440	ug/l	100
18) Methyl Acetate	2.75	43	189344	52.051	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	473780	52.470	ug/l	100
20) Methylene Chloride	2.84	84	150522	49.353	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	143271	49.084	ug/l	98
22) Diisopropyl ether	3.82	45	462192	51.012	ug/l	97
23) Vinyl Acetate	3.79	43	2021487	253.595	ug/l	99
24) 1,1-Dichloroethane	3.67	63	262795	51.849	ug/l	98
25) 2-Butanone	4.64	43	597052	250.440	ug/l	100
26) 2,2-Dichloropropane	4.55	77	160742	34.727	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	164606	51.583	ug/l	94
28) Bromochloromethane	4.98	49	120070	51.953	ug/l	98
29) Tetrahydrofuran	5.09	42	392239	248.308	ug/l	98
30) Chloroform	5.18	83	263244	52.164	ug/l	100
31) Cyclohexane	5.55	56	227913	49.479	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	236194	51.490	ug/l	99
36) 1,1-Dichloropropene	5.77	75	196843	47.989	ug/l	99
37) Ethyl Acetate	4.79	43	227219	47.794	ug/l	100
38) Carbon Tetrachloride	5.76	117	208847	50.092	ug/l	97

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Instrument :
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Quant Time: May 14 07:23:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	218912	44.316	ug/l	99
40) Benzene	6.12	78	597259	49.764	ug/l	100
41) Methacrylonitrile	5.01	41	123862	48.243	ug/l	98
42) 1,2-Dichloroethane	6.17	62	209520	48.461	ug/l	99
43) Isopropyl Acetate	6.42	43	365496	48.184	ug/l	98
44) Trichloroethene	7.19	130	186839	43.820	ug/l	95
45) 1,2-Dichloropropane	7.49	63	155855	51.321	ug/l	99
46) Dibromomethane	7.64	93	102270	49.555	ug/l	98
47) Bromodichloromethane	7.88	83	216670	51.549	ug/l	100
48) Methyl methacrylate	7.74	41	175840	48.921	ug/l	96
49) 1,4-Dioxane	7.71	88	81137	941.220	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1161331	250.188	ug/l	99
52) Toluene	8.77	92	380939	50.922	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	236338	47.159	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	250669	47.888	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	152472	51.804	ug/l	99
56) Ethyl methacrylate	9.16	69	251249	52.296	ug/l	95
57) 1,3-Dichloropropane	9.35	76	264664	51.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	633078	247.518	ug/l	100
59) 2-Hexanone	9.48	43	897583	246.227	ug/l	98
60) Dibromochloromethane	9.57	129	172247	53.137	ug/l	99
61) 1,2-Dibromoethane	9.65	107	161684	50.715	ug/l	98
64) Tetrachloroethene	9.32	164	216886	44.922	ug/l	98
65) Chlorobenzene	10.12	112	407473	49.481	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	156035	51.265	ug/l	99
67) Ethyl Benzene	10.24	91	724037	49.277	ug/l	100
68) m/p-Xylenes	10.34	106	548449	99.628	ug/l	99
69) o-Xylene	10.68	106	264350	49.957	ug/l	99
70) Styrene	10.70	104	462359	51.504	ug/l	99
71) Bromoform	10.84	173	131541	53.045	ug/l #	99
73) Isopropylbenzene	11.00	105	702182	47.429	ug/l	99
74) N-amyl acetate	10.88	43	316211	45.790	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	181538	60.764	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	287773	62.303	ug/l	84
77) Bromobenzene	11.24	156	182672	47.803	ug/l	99
78) n-propylbenzene	11.35	91	805499	46.768	ug/l	100
79) 2-Chlorotoluene	11.40	91	486608	47.865	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	595700	47.655	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	82268	42.445	ug/l	97
82) 4-Chlorotoluene	11.49	91	575138	47.907	ug/l	100
83) tert-Butylbenzene	11.76	119	520074	48.278	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	610423	48.302	ug/l	99
85) sec-Butylbenzene	11.93	105	662533	45.551	ug/l	99
86) p-Isopropyltoluene	12.05	119	619864	45.901	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	317101	46.215	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	326741	46.918	ug/l	99
89) n-Butylbenzene	12.37	91	521607	42.280	ug/l	99
90) Hexachloroethane	12.58	117	110507	47.648	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	315947	47.821	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55647	45.711	ug/l	97

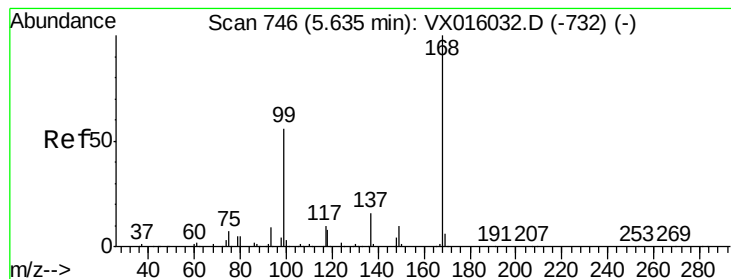
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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	215849	44.128	ug/l	98
94) Hexachlorobutadiene	13.77	225	79026	37.650	ug/l	98
95) Naphthalene	13.82	128	755751	47.716	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	220531	46.132	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

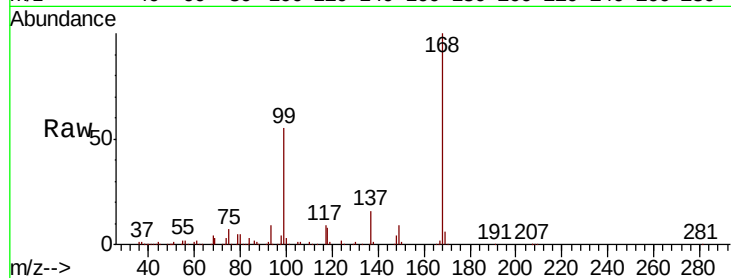
VSTDCCC050EC

Tot Ion:168 Resp: 251977

Ion Ratio Lower Upper

168 100

99 55.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

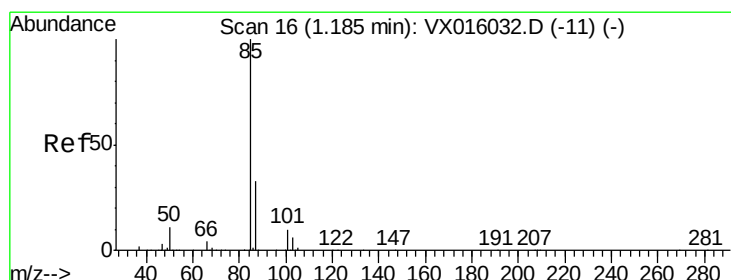
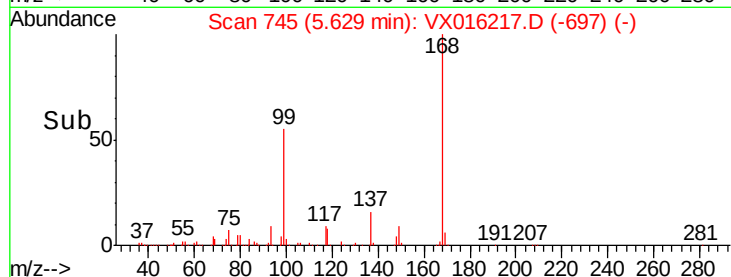
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.809 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016217.D

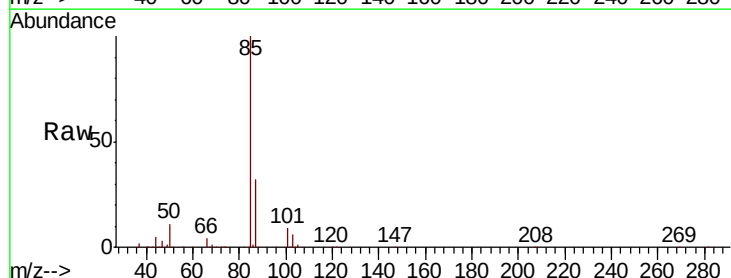
Acq: 14 May 2020 06:33

Tgt Ion: 85 Resp: 138181

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

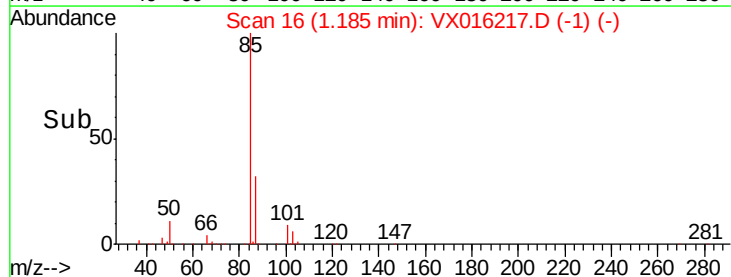
150000

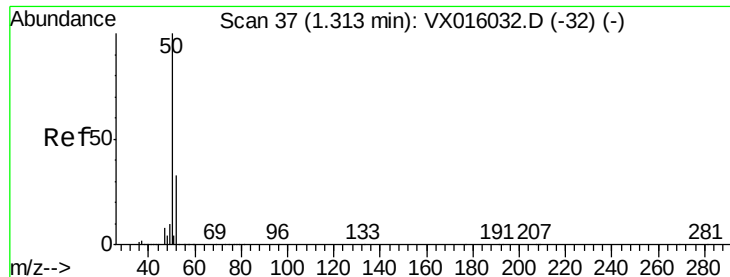
100000

50000

0

Time-->





#3

Chloromethane

Concen: 49.097 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

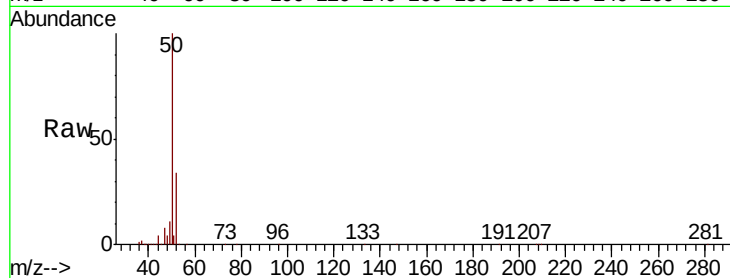
VSTDCCC050EC

Tot Ion: 50 Resp: 152074

Ion Ratio Lower Upper

50 100

52 34.0 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

150000

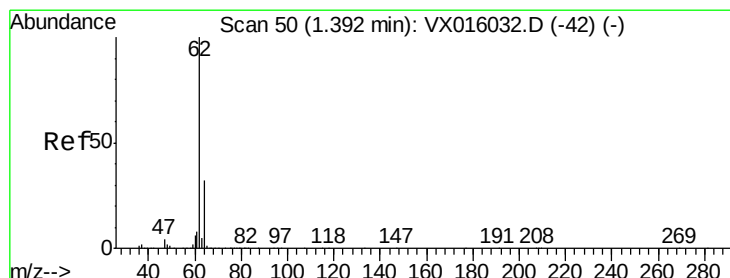
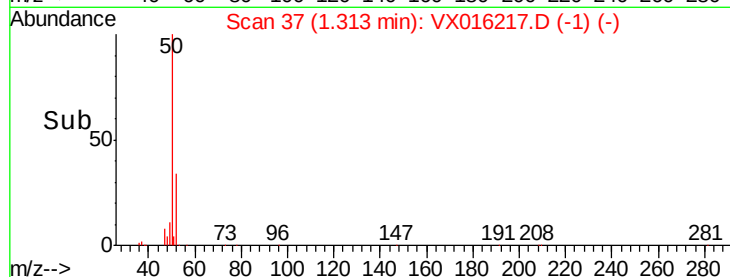
100000

50000

0

Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 49.424 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016217.D

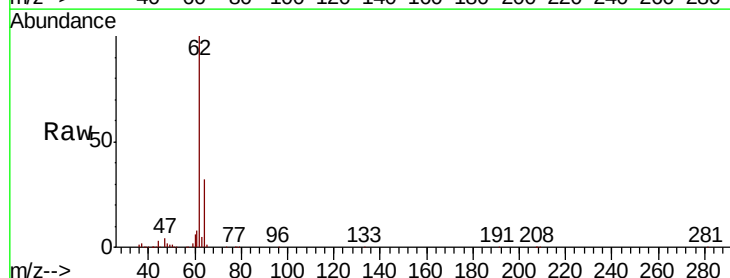
Acq: 14 May 2020 06:33

Tgt Ion: 62 Resp: 163327

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

200000

150000

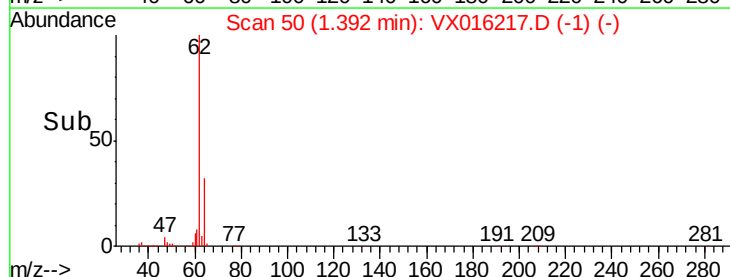
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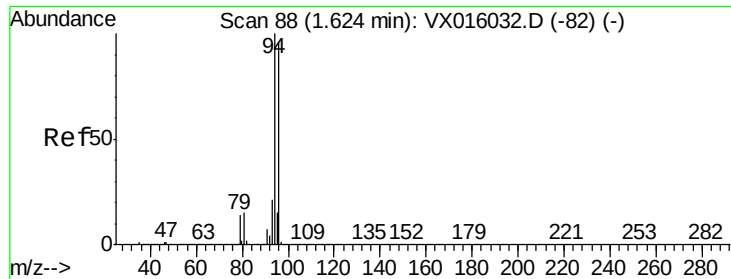
50000

0

Time-->

1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 43.961 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

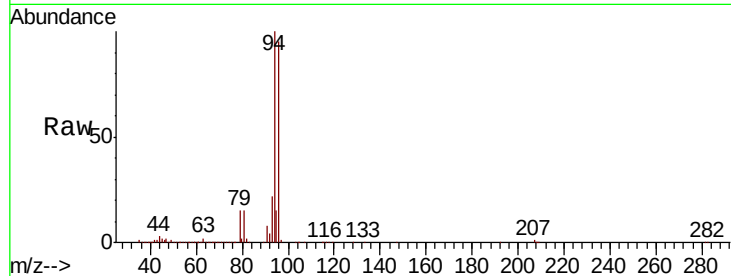
VSTDCCC050EC

Tot Ion: 94 Resp: 73240

Ion Ratio Lower Upper

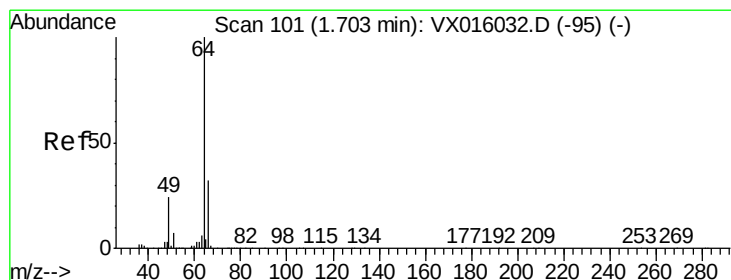
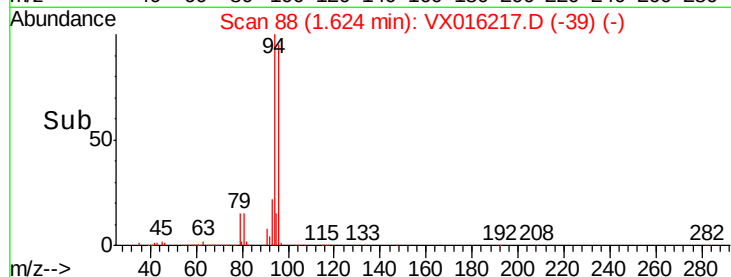
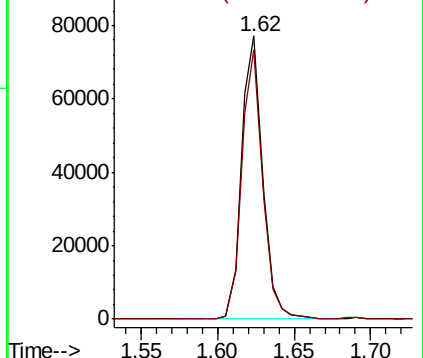
94 100

96 95.1 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.988 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016217.D

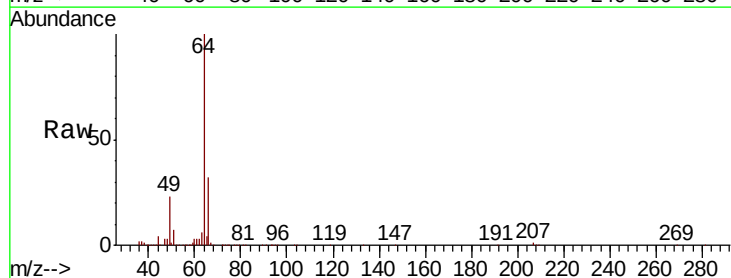
Acq: 14 May 2020 06:33

Tgt Ion: 64 Resp: 98499

Ion Ratio Lower Upper

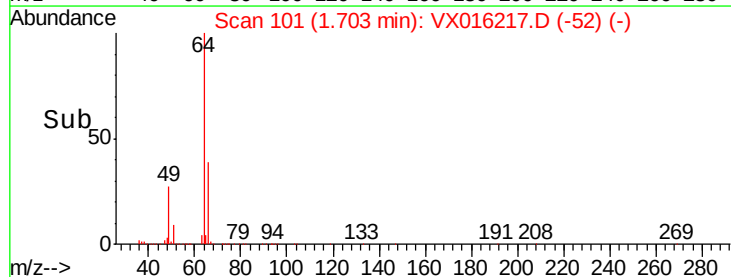
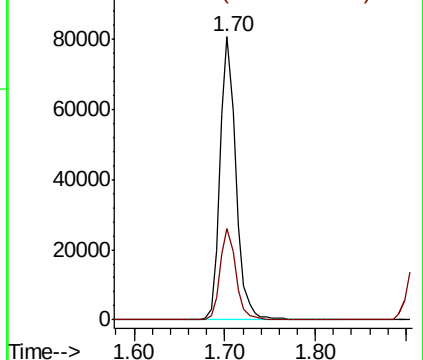
64 100

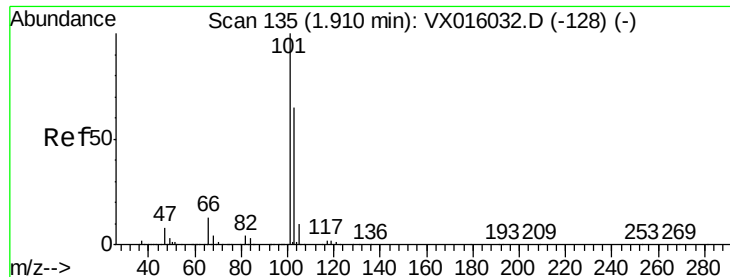
66 32.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



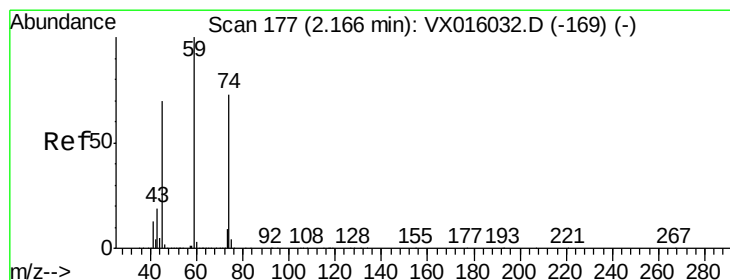
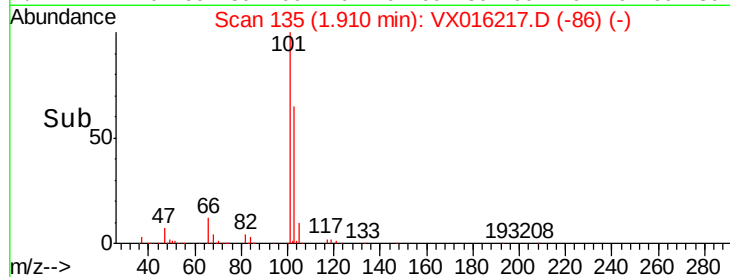
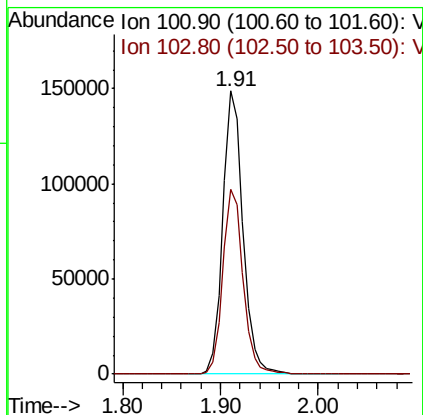
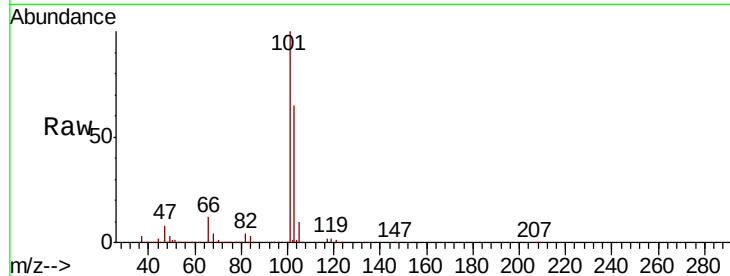


#7

Trichlorofluoromethane
 Concen: 49.080 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX016217.D
 Acq: 14 May 2020 06:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

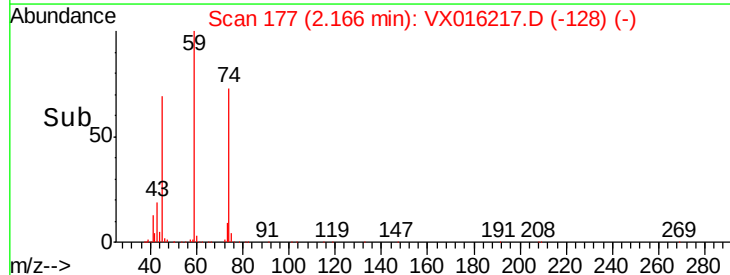
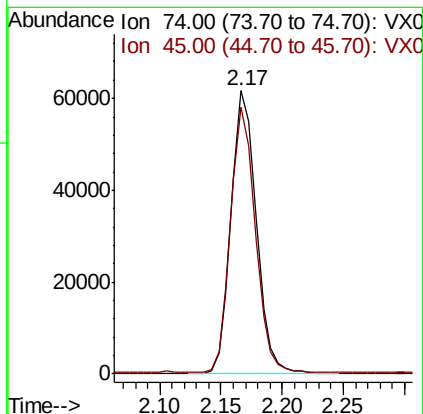
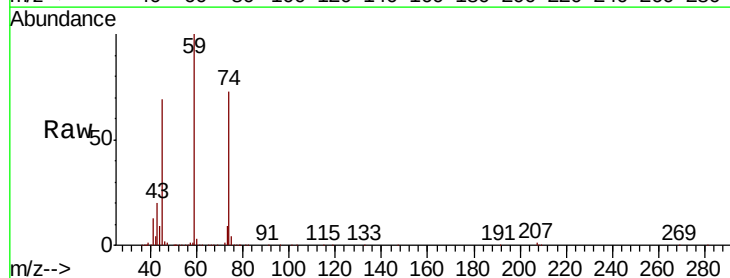
Tot Ion:101 Resp: 212932
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.8 77.6

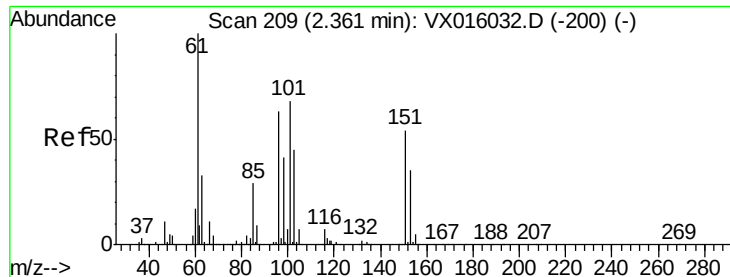


#8

Diethyl Ether
 Concen: 48.165 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016217.D
 Acq: 14 May 2020 06:33

Tgt Ion: 74 Resp: 88045
 Ion Ratio Lower Upper
 74 100
 45 92.2 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.470 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

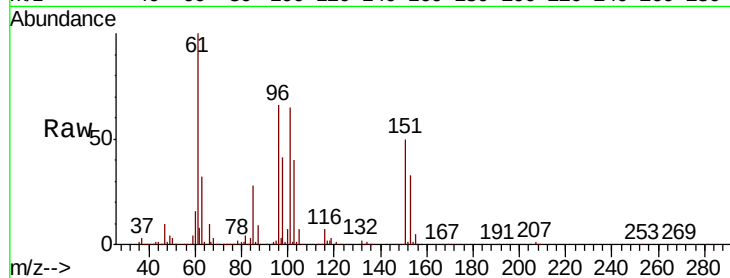
Tot Ion:101 Resp: 121322

Ion Ratio Lower Upper

101 100

85 42.2 34.2 51.4

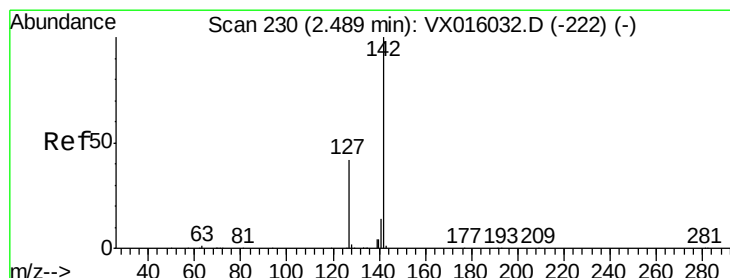
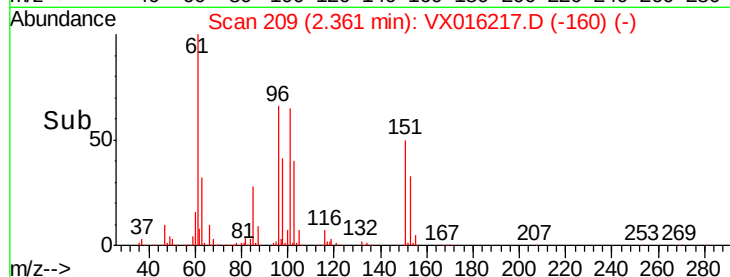
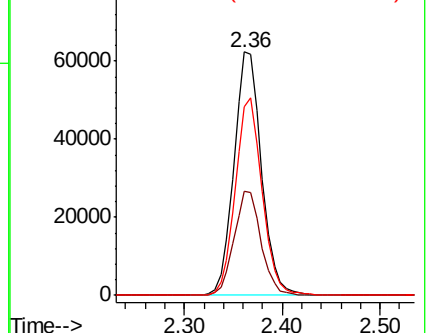
151 79.1 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.233 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

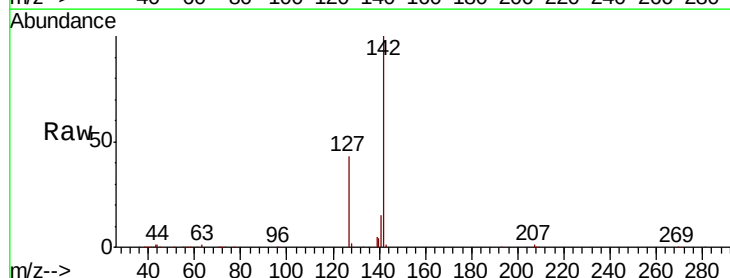
Tgt Ion:142 Resp: 131908

Ion Ratio Lower Upper

142 100

127 42.8 34.6 52.0

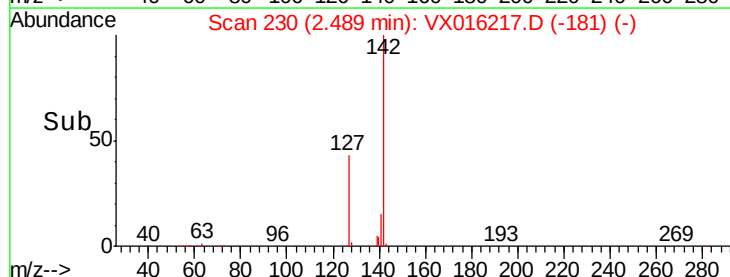
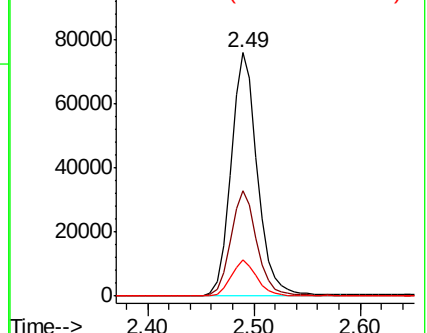
141 14.5 11.3 16.9

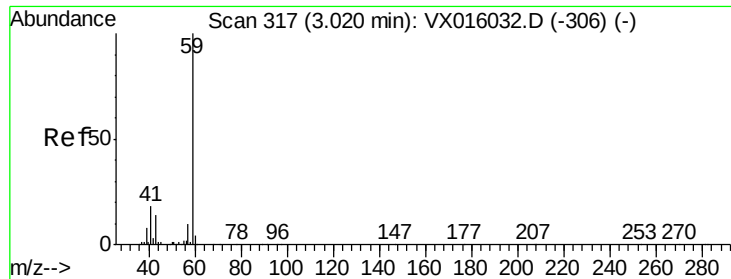


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



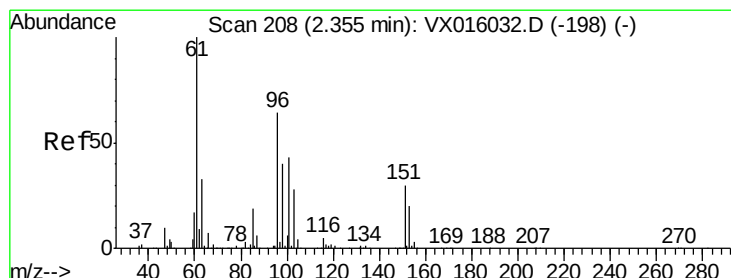
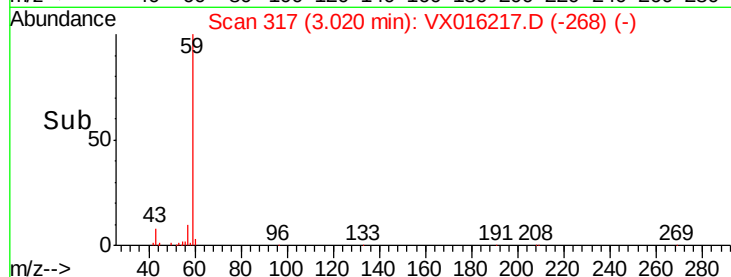
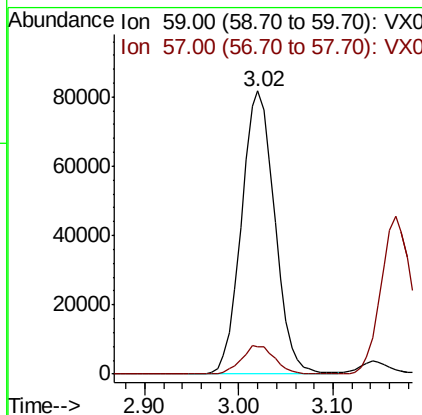
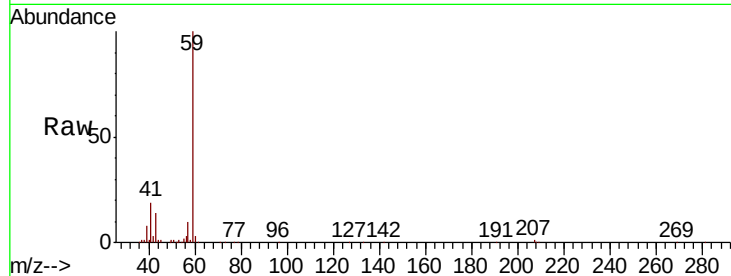


#11

Tert butyl alcohol
 Concen: 239.944 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016217.D
 Acq: 14 May 2020 06:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

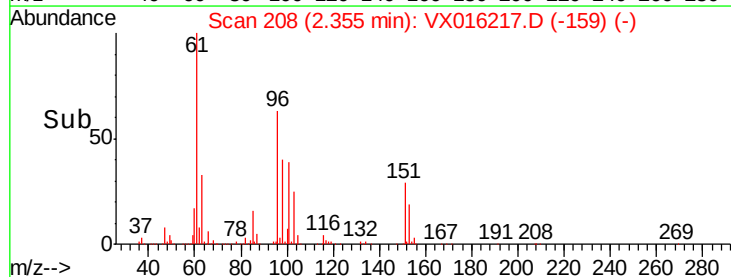
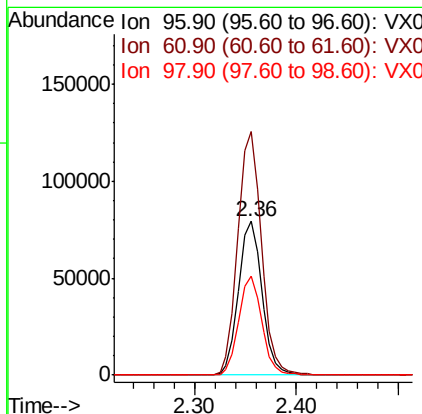
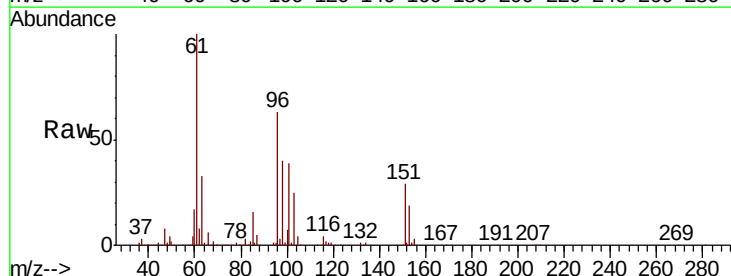
Tot Ion: 59 Resp: 201186
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

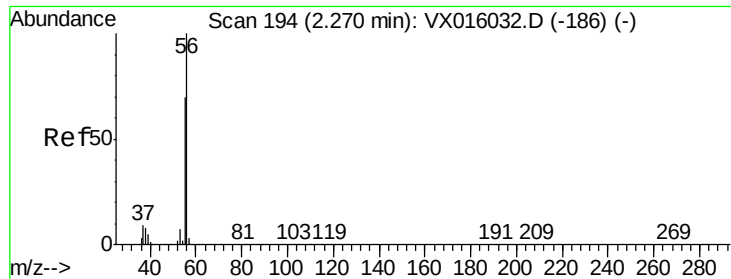


#12

1,1-Dichloroethene
 Concen: 48.125 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016217.D
 Acq: 14 May 2020 06:33

Tgt Ion: 96 Resp: 126054
 Ion Ratio Lower Upper
 96 100
 61 158.6 124.8 187.2
 98 64.1 49.7 74.5





#13

Acrolein

Concen: 218.689 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

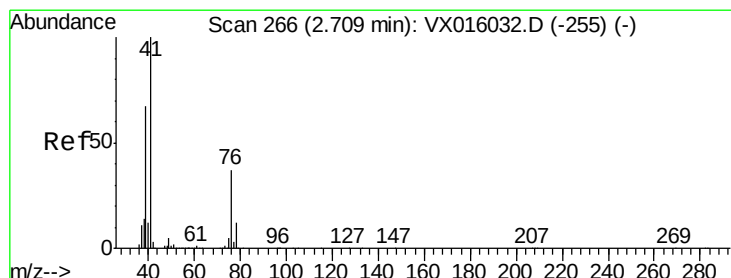
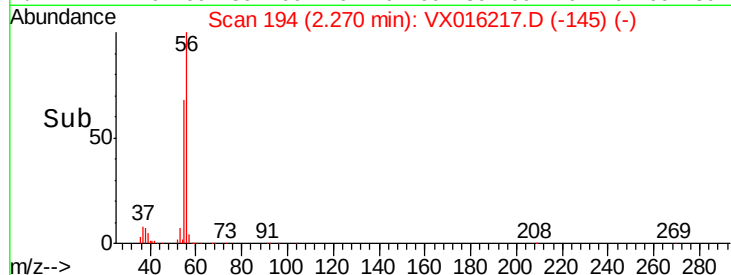
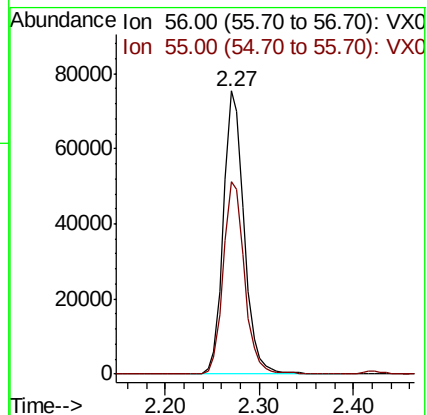
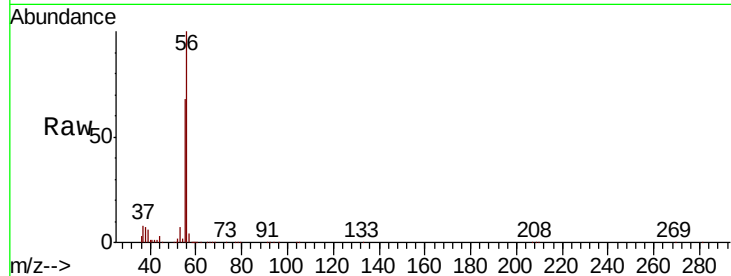
VSTDCCC050EC

Tot Ion: 56 Resp: 114743

Ion Ratio Lower Upper

56 100

55 69.4 56.5 84.7



#14

Allyl chloride

Concen: 46.724 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

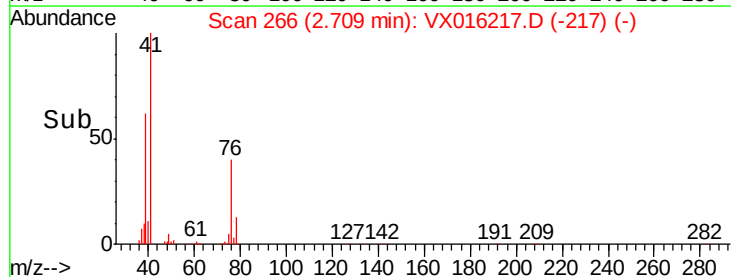
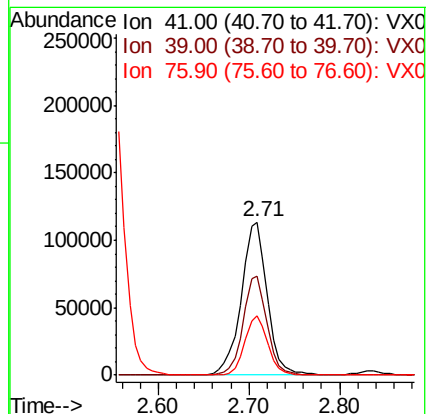
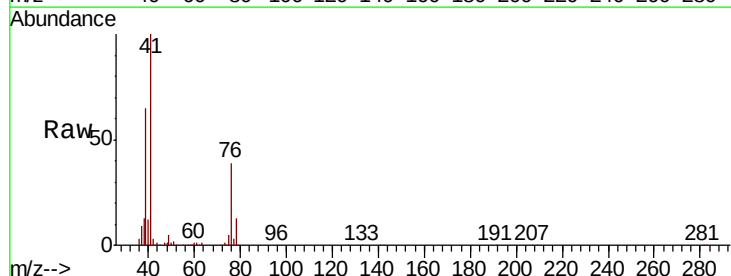
Tgt Ion: 41 Resp: 224402

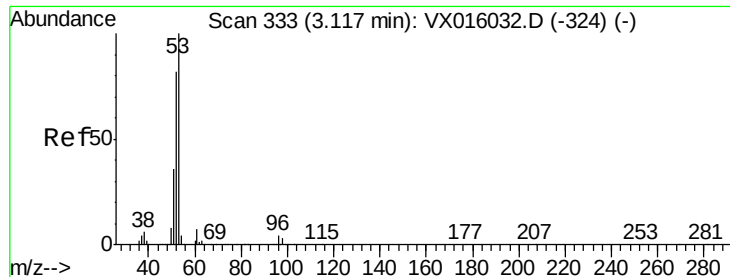
Ion Ratio Lower Upper

41 100

39 59.3 50.5 75.7

76 34.5 26.6 40.0





#15

Acrylonitrile

Concen: 252.131 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

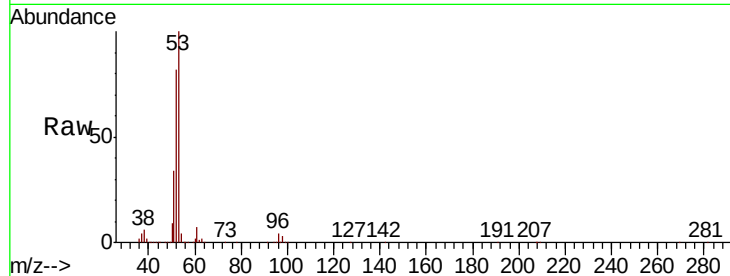
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 438560

Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.1	99.1
51	35.0	28.8	43.2



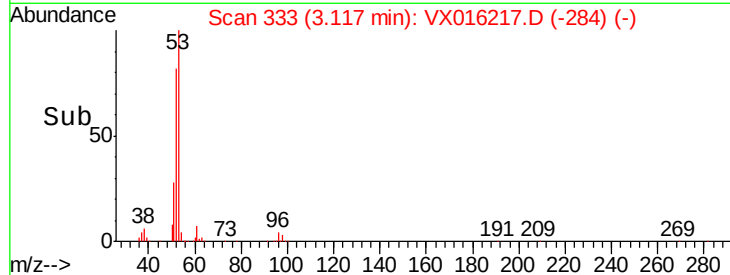
Abundance

Ion 53.00 (52.70 to 53.70): VX0

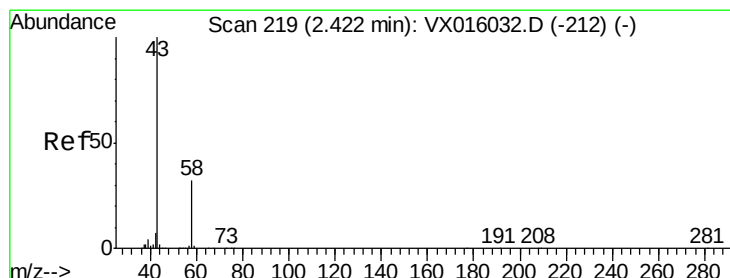
Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Scan 333 (3.117 min): VX016217.D (-284) (-)



Time-->



#16

Acetone

Concen: 236.831 ug/l

RT: 2.42 min Scan# 218

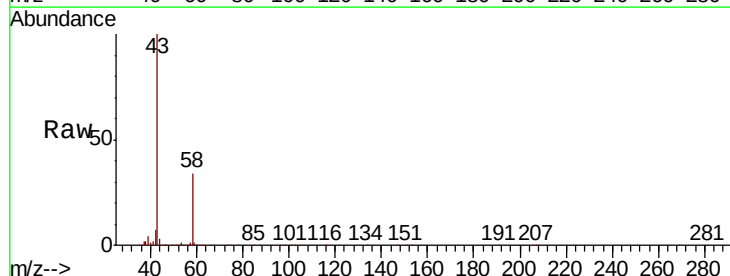
Delta R.T. -0.01 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Tgt Ion: 43 Resp: 350382

Ion	Ratio	Lower	Upper
43	100		
58	34.3	25.4	38.0

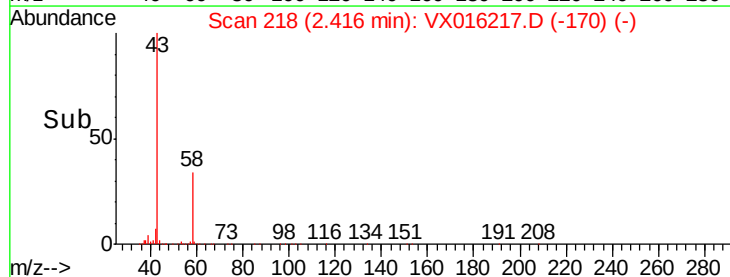


Abundance

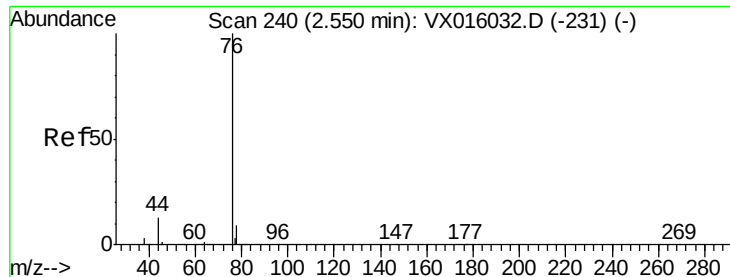
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Scan 218 (2.416 min): VX016217.D (-170) (-)



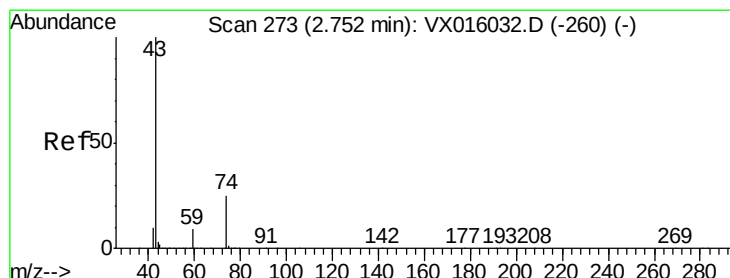
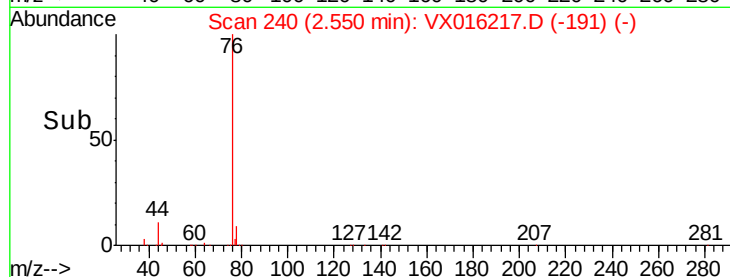
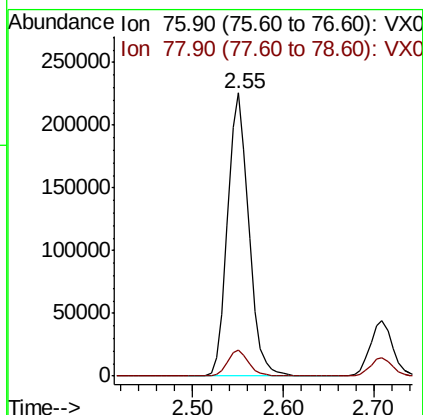
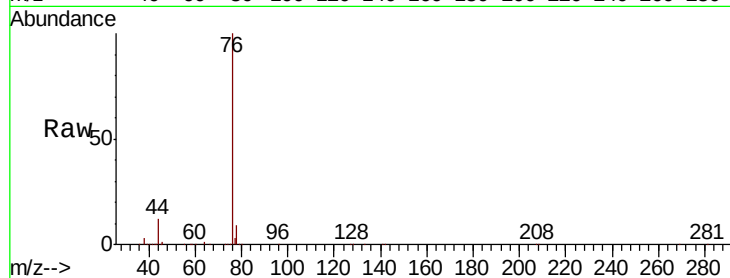
Time-->



#17
Carbon Disulfide
Concen: 46.440 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

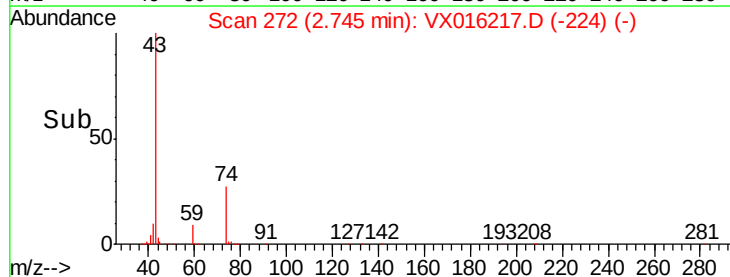
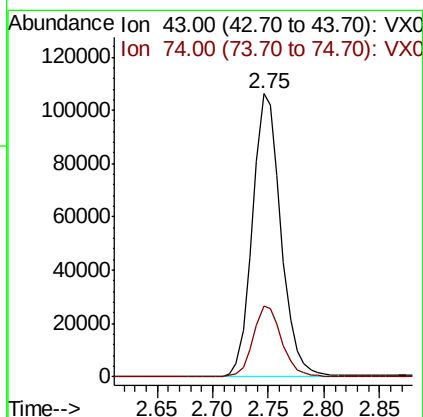
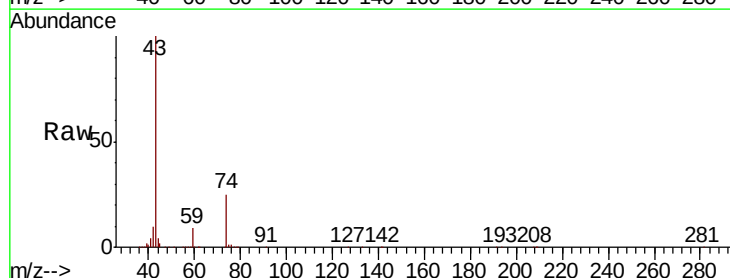
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

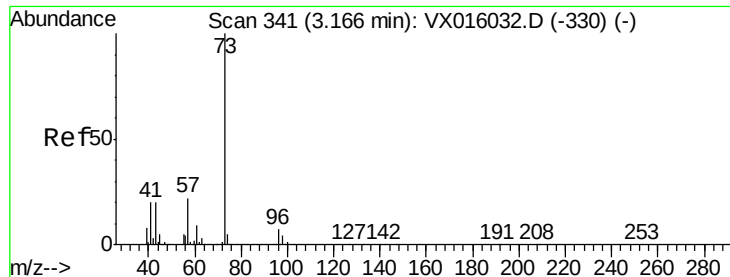
Tot Ion: 76 Resp: 365411
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 52.051 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

Tgt Ion: 43 Resp: 189344
Ion Ratio Lower Upper
43 100
74 25.4 20.2 30.2



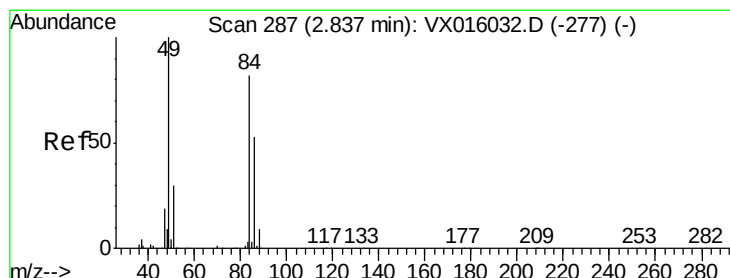
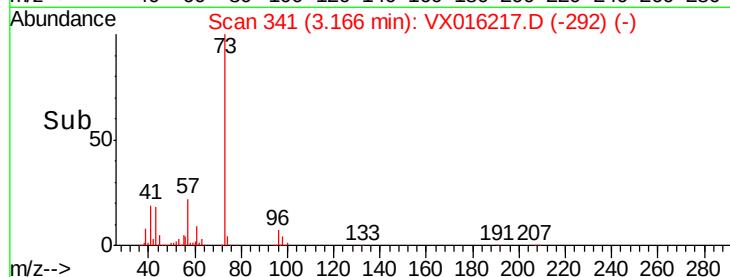
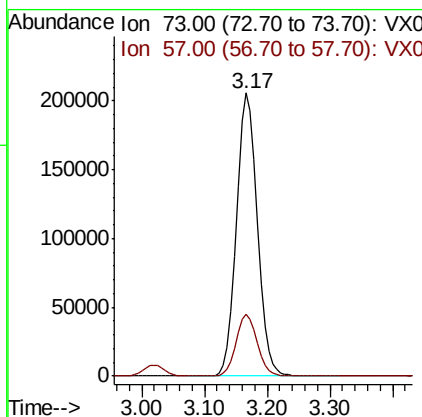
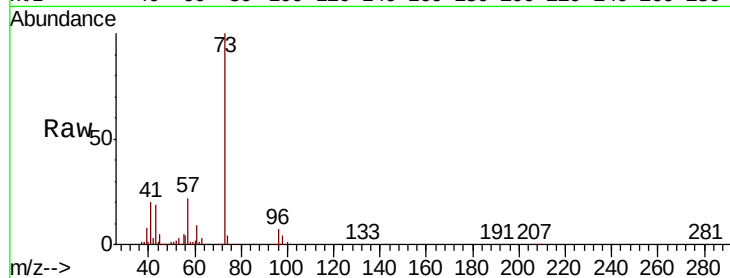


#19

Methyl tert-butyl Ether
 Concen: 52.470 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016217.D
 Acq: 14 May 2020 06:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

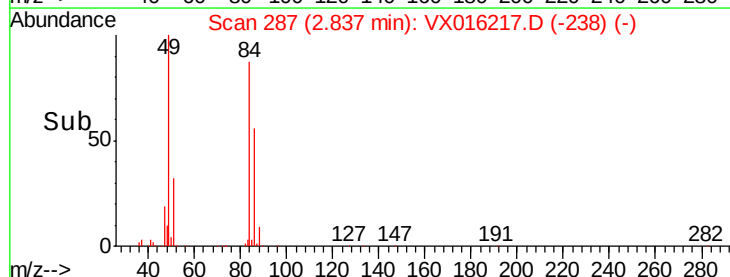
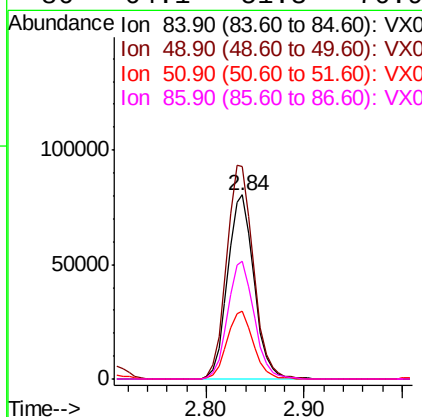
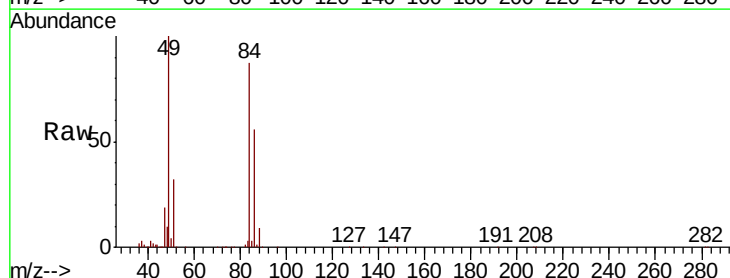
Tot Ion: 73 Resp: 473780
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.8 26.6

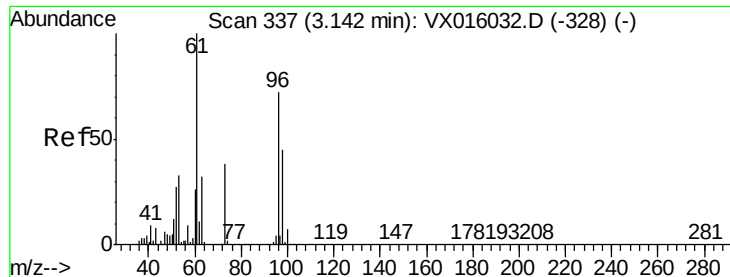


#20

Methylene Chloride
 Concen: 49.353 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX016217.D
 Acq: 14 May 2020 06:33

Tgt Ion: 84 Resp: 150522
 Ion Ratio Lower Upper
 84 100
 49 115.4 97.3 145.9
 51 37.1 29.3 43.9
 86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 49.084 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

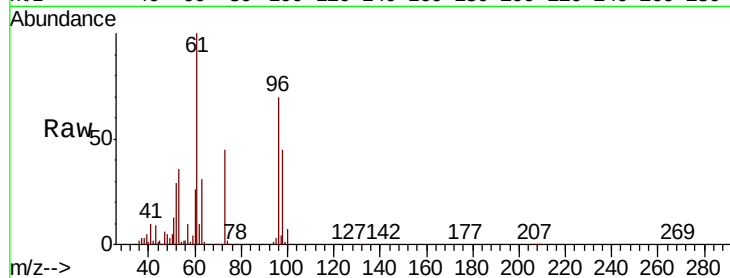
Tot Ion: 96 Resp: 143271

Ion Ratio Lower Upper

96 100

61 141.8 111.2 166.8

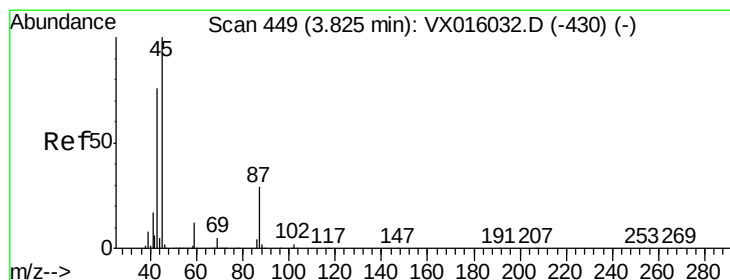
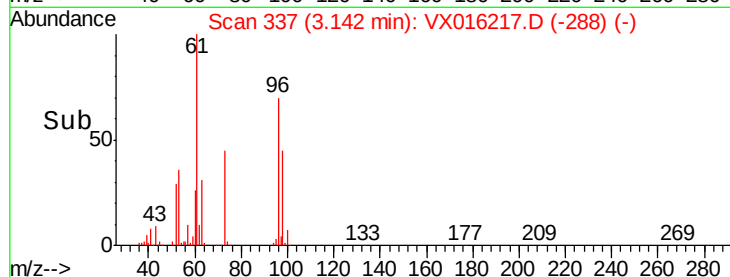
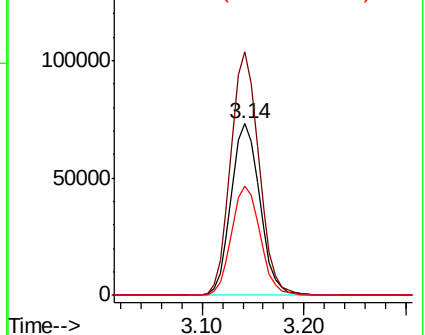
98 64.0 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.012 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Tgt Ion: 45 Resp: 462192

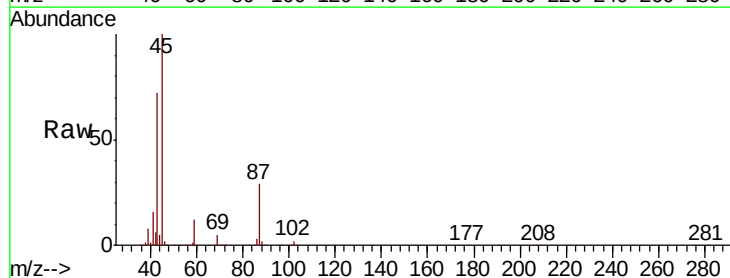
Ion Ratio Lower Upper

45 100

43 72.1 61.1 91.7

87 28.5 23.0 34.6

59 12.1 9.8 14.6

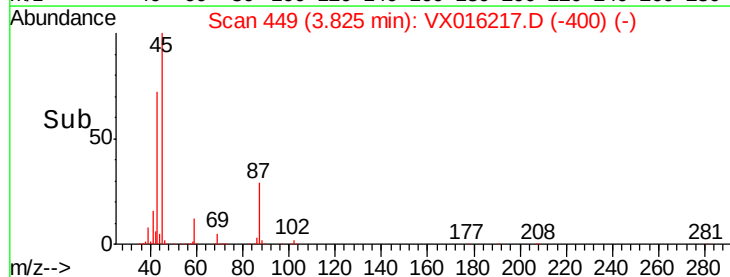
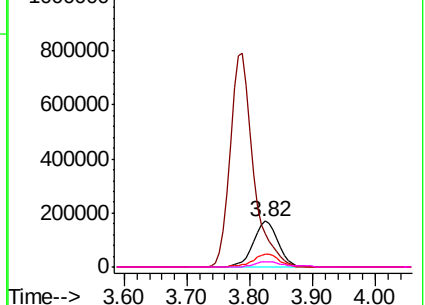


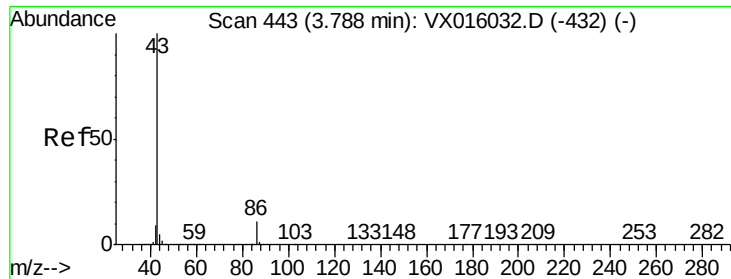
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

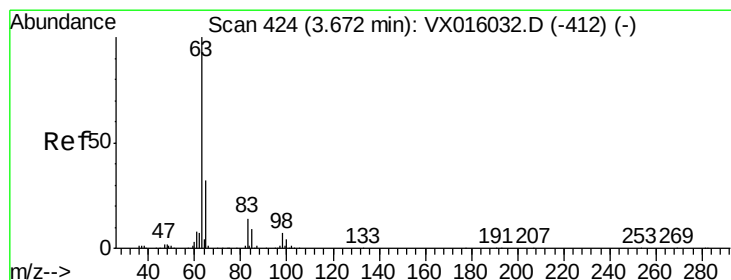
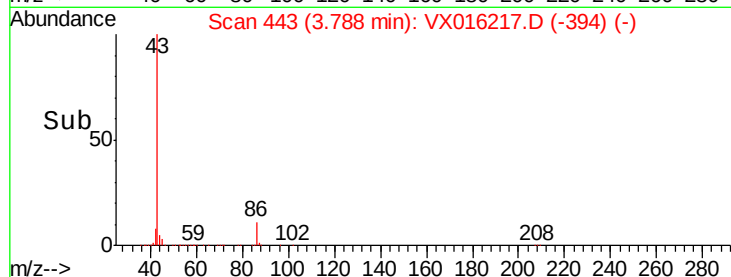
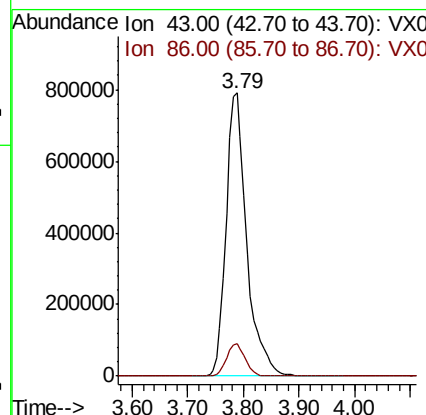
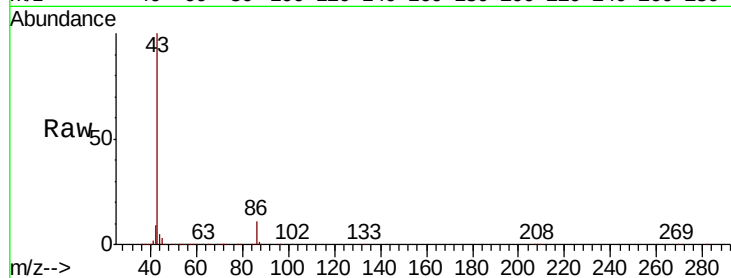




#23
 Vinyl Acetate
 Concen: 253.595 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VX016217.D
 Acq: 14 May 2020 06:33

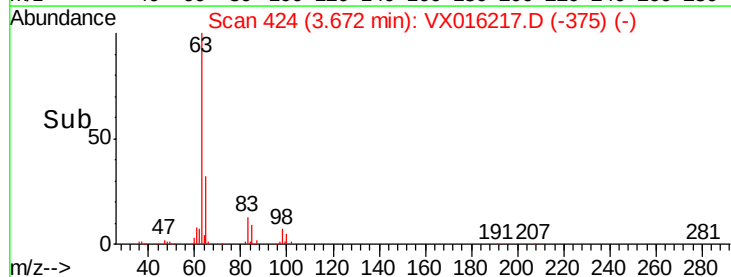
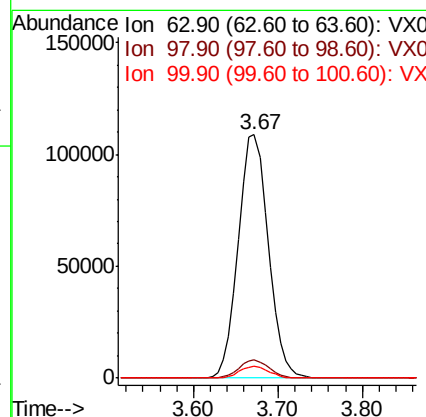
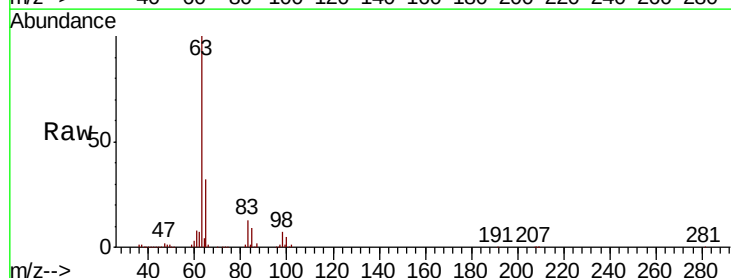
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

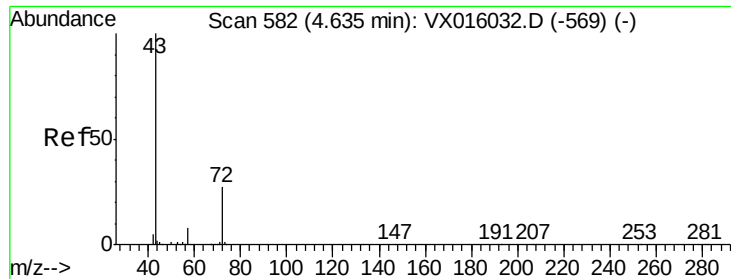
Tot Ion: 43 Resp: 2021487
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 51.849 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX016217.D
 Acq: 14 May 2020 06:33

Tgt Ion: 63 Resp: 262795
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 5.1 2.1 6.5

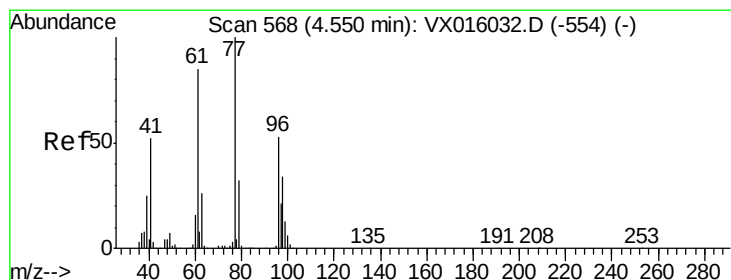
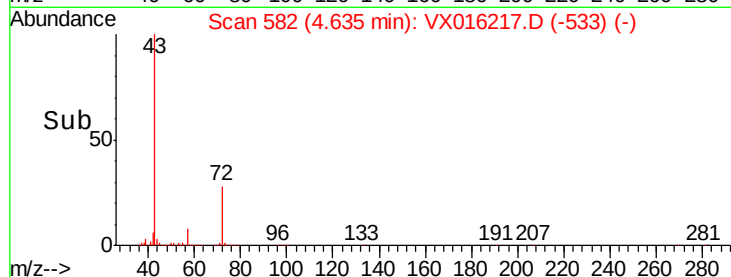
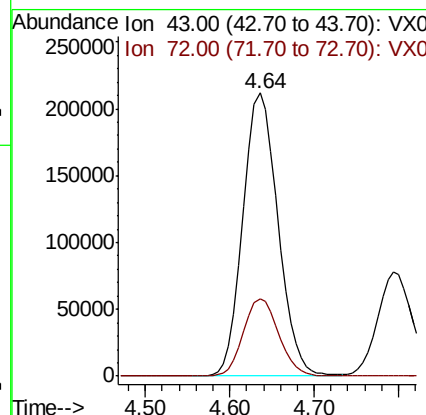
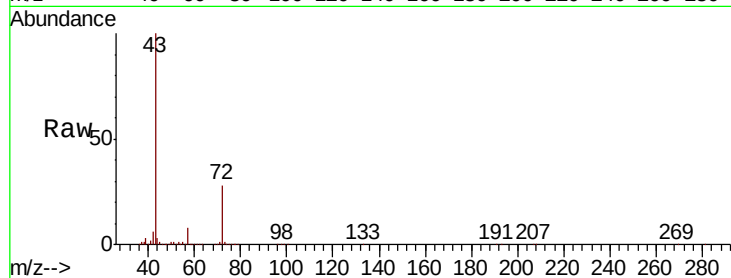




#25
2-Butanone
Concen: 250.440 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

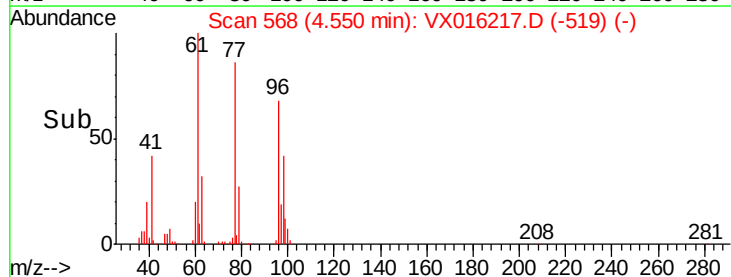
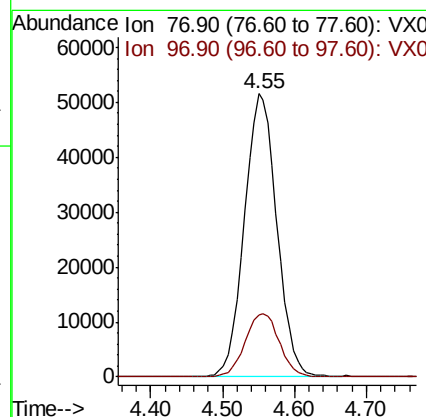
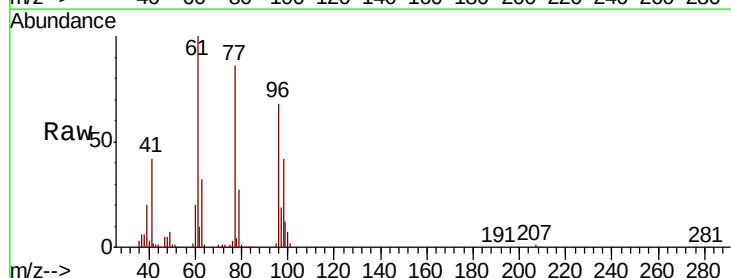
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

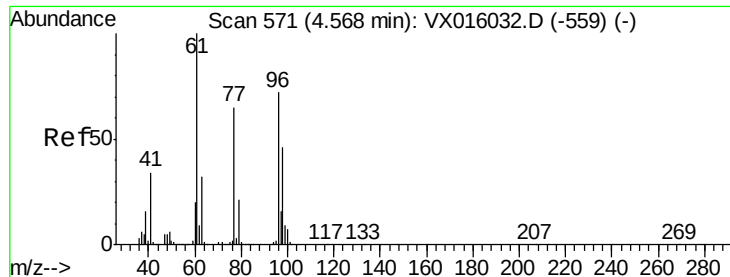
Tot Ion: 43 Resp: 597052
Ion Ratio Lower Upper
43 100
72 27.5 21.8 32.8



#26
2,2-Dichloropropane
Concen: 34.727 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

Tgt Ion: 77 Resp: 160742
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6



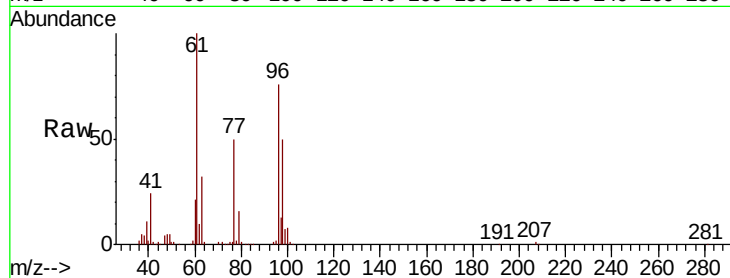


#27

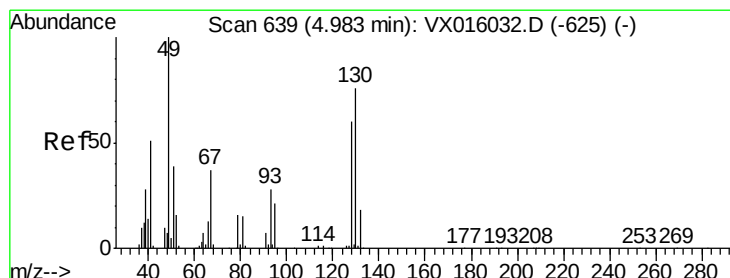
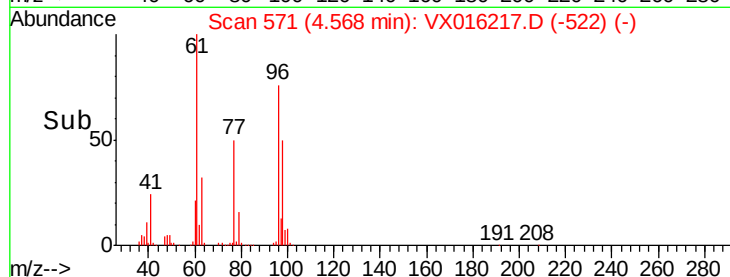
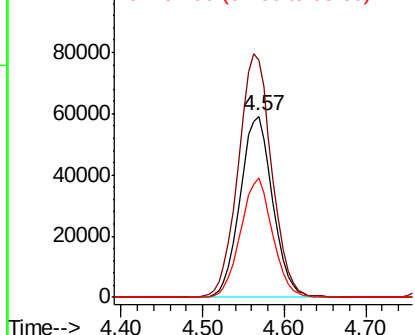
cis-1,2-Dichloroethene
Concen: 51.583 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	296.2
98	64.8	0.0	129.4



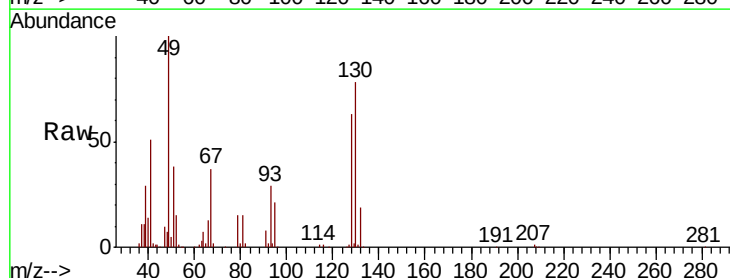
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



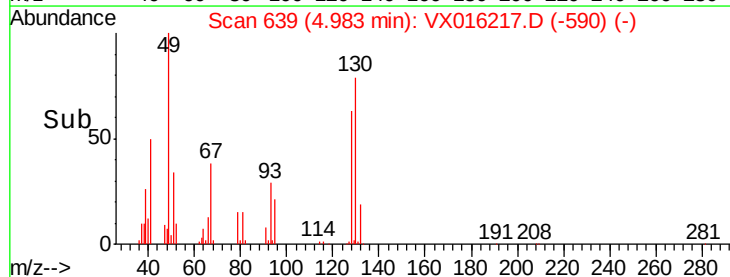
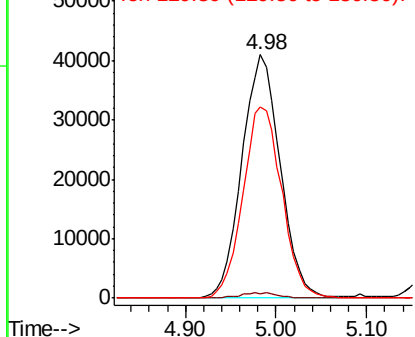
#28

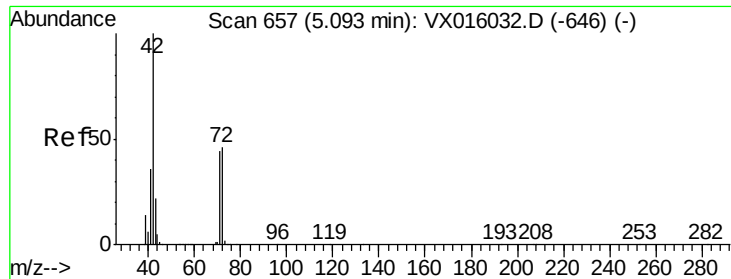
Bromochloromethane
Concen: 51.953 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	79.8	62.4	93.6



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





#29

Tetrahydrofuran

Concen: 248.308 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

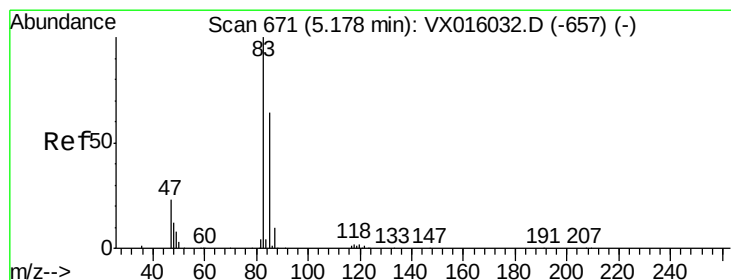
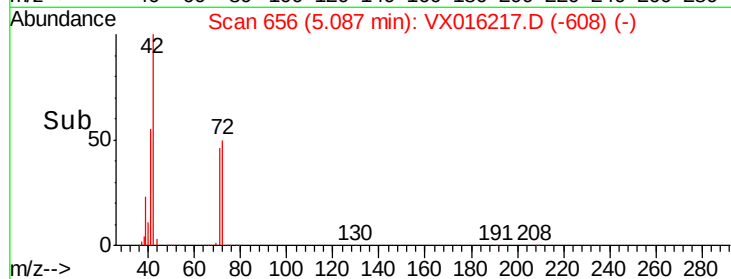
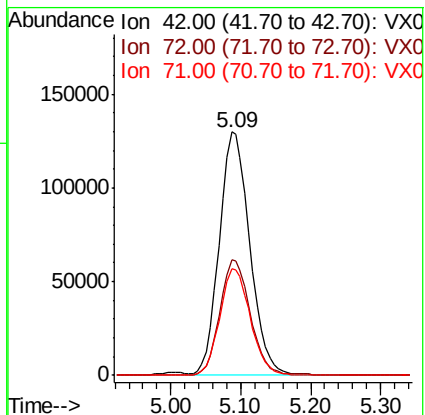
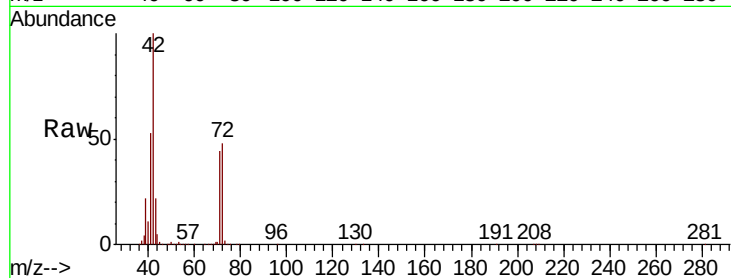
Tot Ion: 42 Resp: 392239

Ion Ratio Lower Upper

42 100

72 47.9 37.1 55.7

71 44.1 34.5 51.7



#30

Chloroform

Concen: 52.164 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016217.D

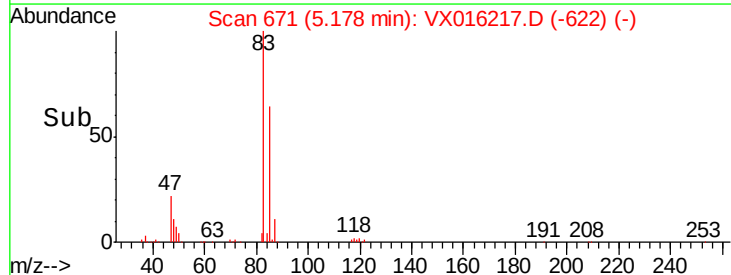
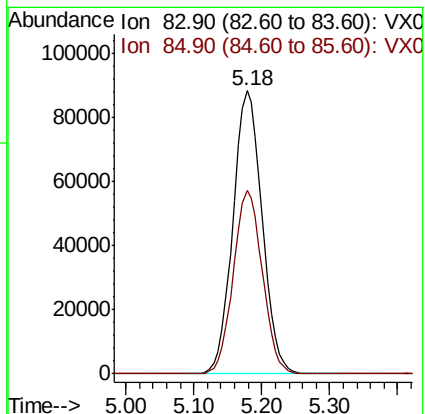
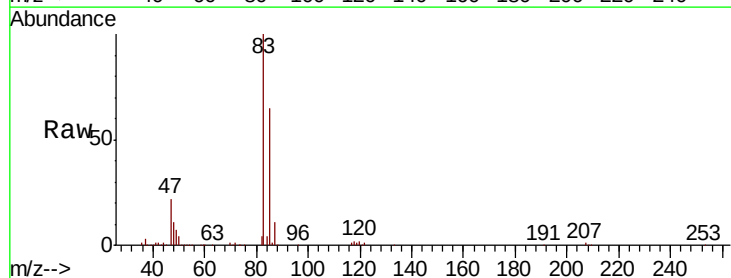
Acq: 14 May 2020 06:33

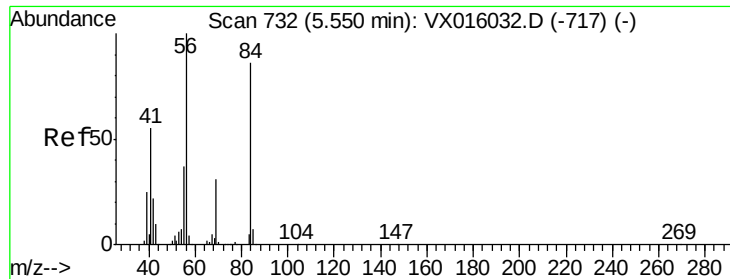
Tgt Ion: 83 Resp: 263244

Ion Ratio Lower Upper

83 100

85 64.6 51.6 77.4

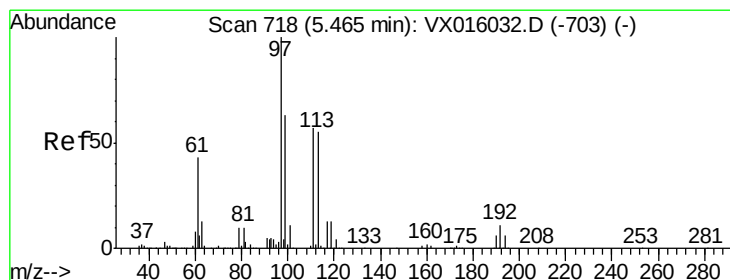
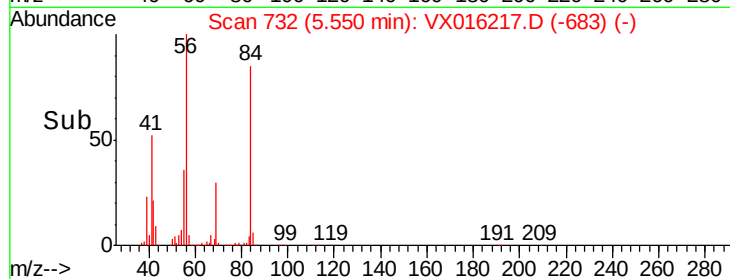
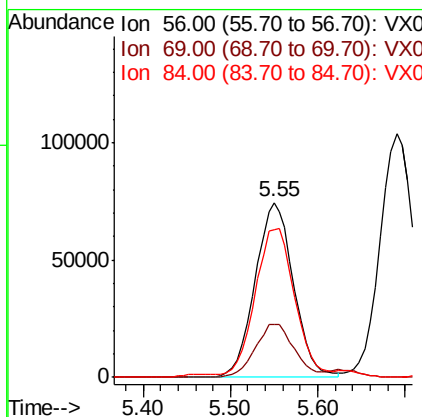
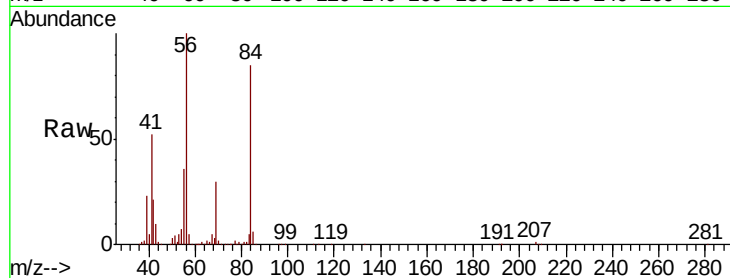




#31
Cyclohexane
Concen: 49.479 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

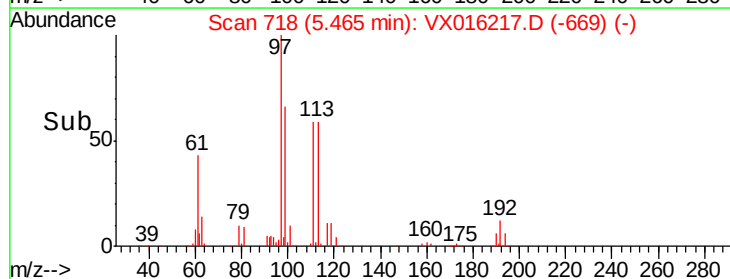
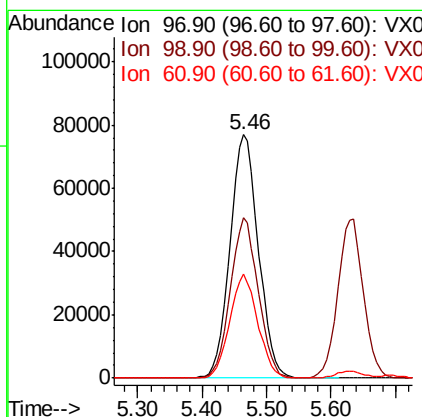
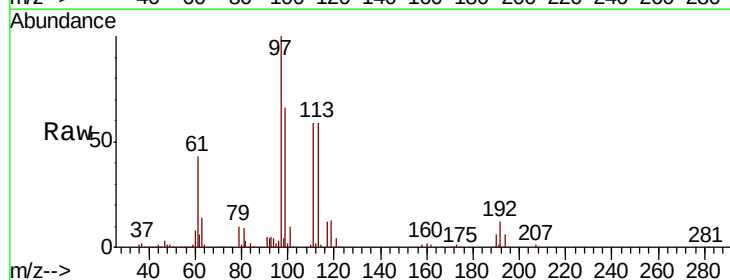
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

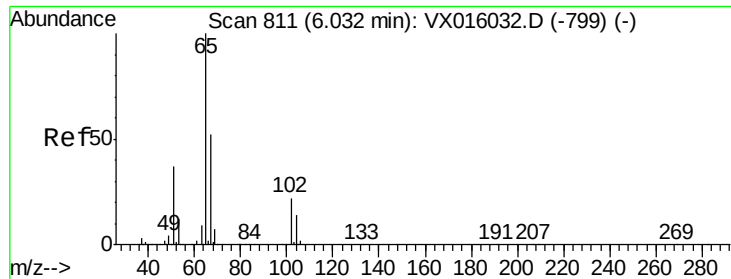
Tot Ion	56	Resp	227913
Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.0	37.6
84	83.4	69.0	103.6



#32
1,1,1-Trichloroethane
Concen: 51.490 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

Tgt Ion	97	Resp	236194
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.4
61	42.4	34.5	51.7

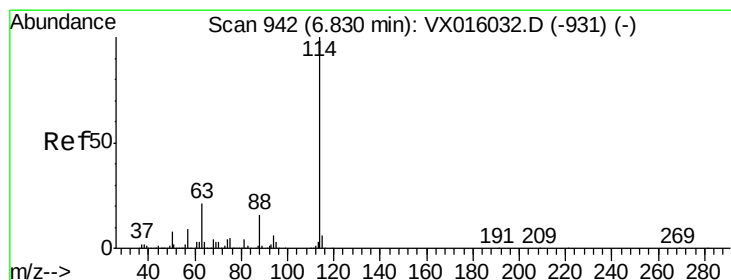
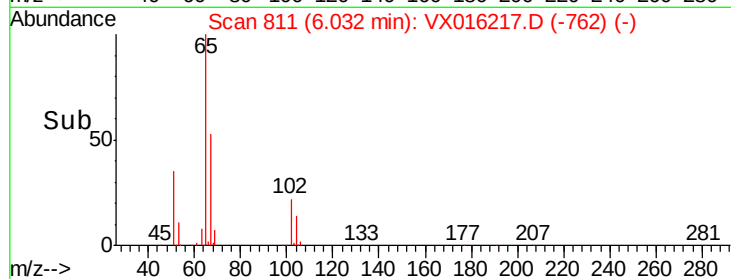
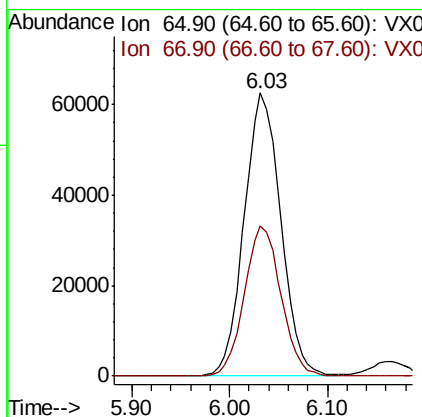
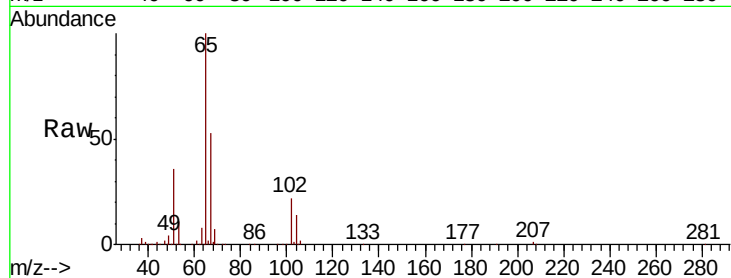




#33
 1,2-Dichloroethane-d4
 Concen: 49.087 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016217.D
 Acq: 14 May 2020 06:33

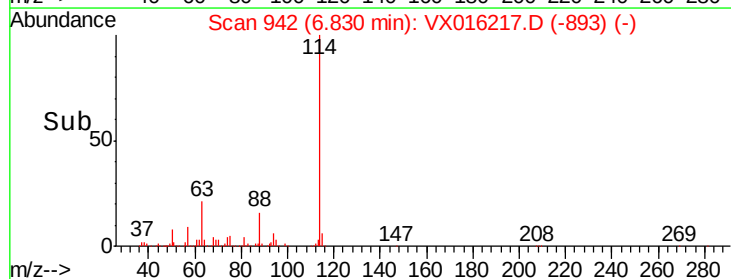
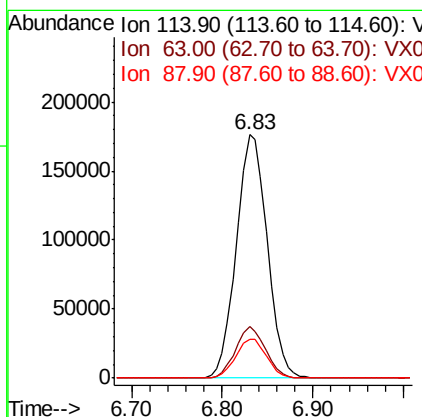
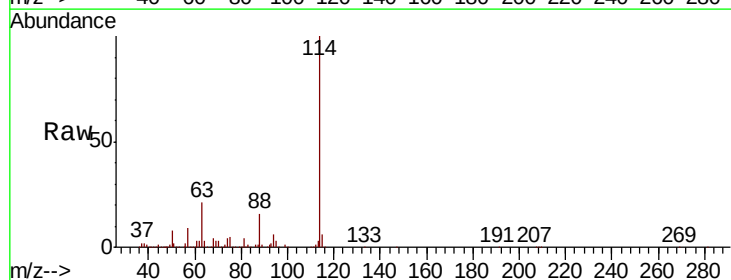
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

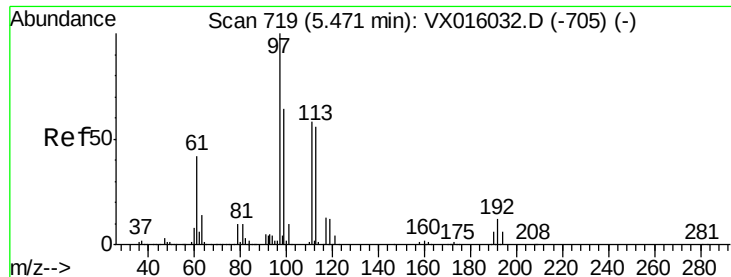
Tot Ion: 65 Resp: 162760
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016217.D
 Acq: 14 May 2020 06:33

Tgt Ion: 114 Resp: 416702
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.8
 88 16.1 0.0 31.4

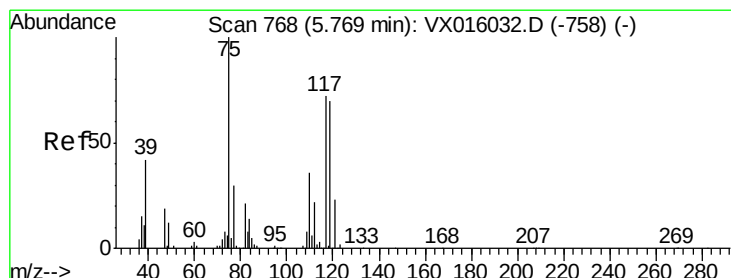
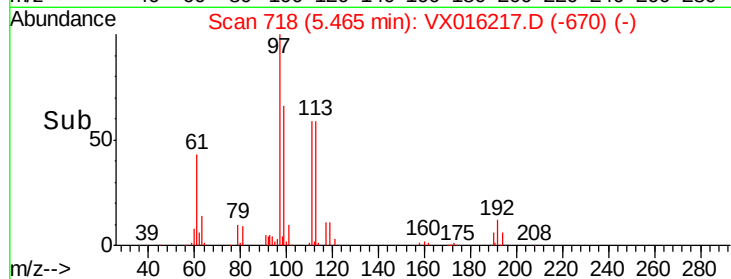
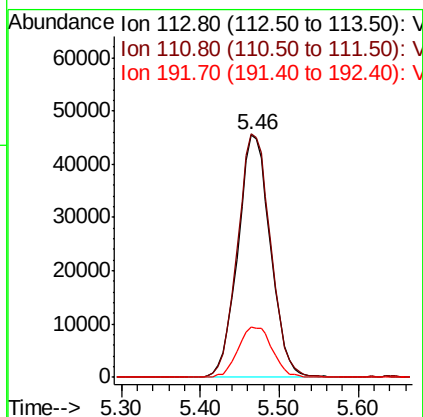
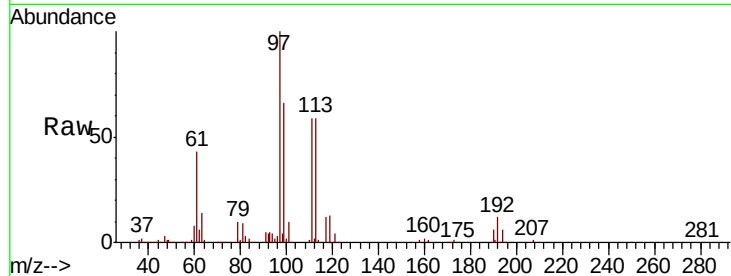




#35
Dibromofluoromethane
Concen: 49.315 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

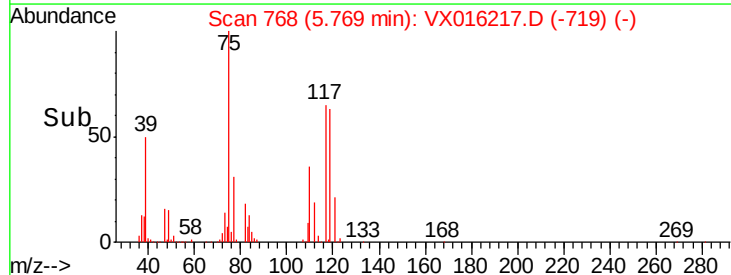
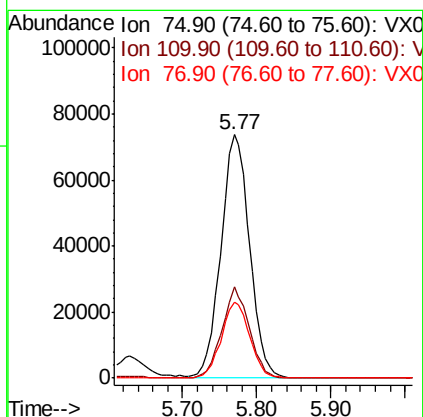
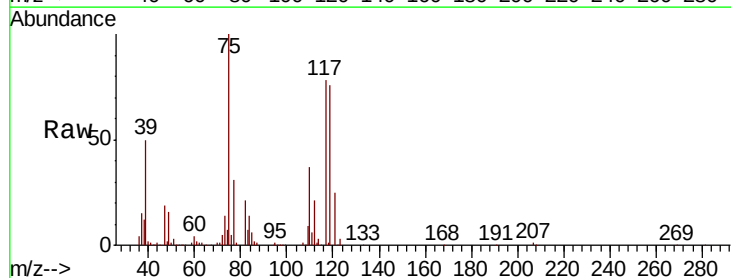
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

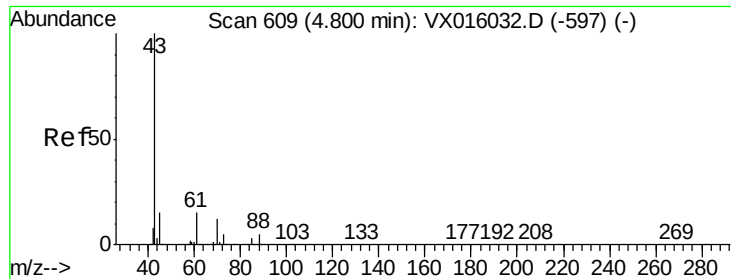
Tot Ion:113 Resp: 130191
Ion Ratio Lower Upper
113 100
111 102.4 81.6 122.4
192 22.0 17.0 25.4



#36
1,1-Dichloropropene
Concen: 47.989 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

Tgt Ion: 75 Resp: 196843
Ion Ratio Lower Upper
75 100
110 35.7 18.1 54.1
77 31.1 25.0 37.6

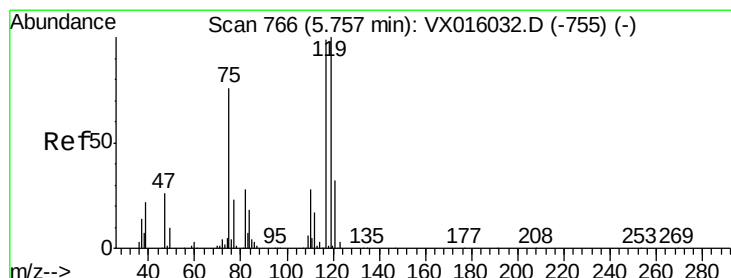
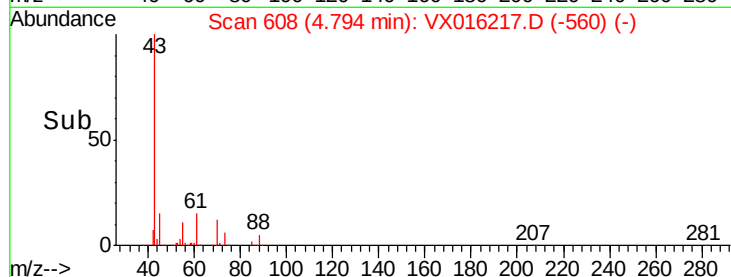
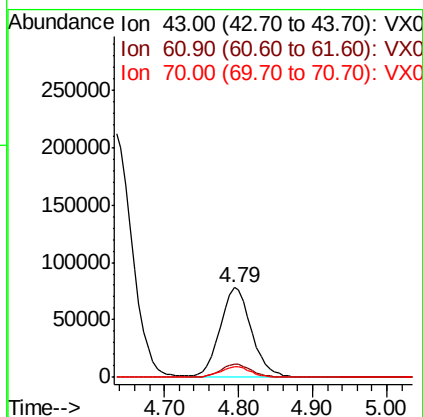
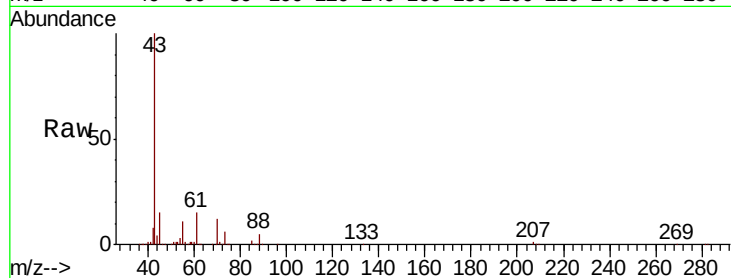




#37
Ethyl Acetate
Concen: 47.794 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

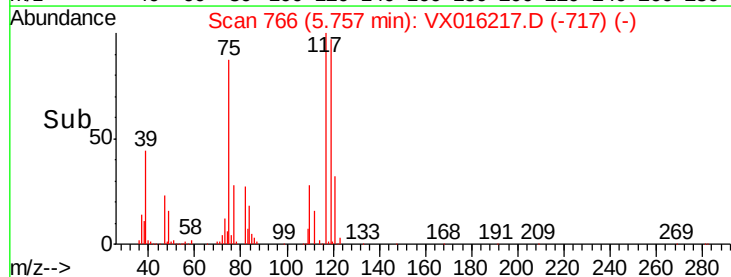
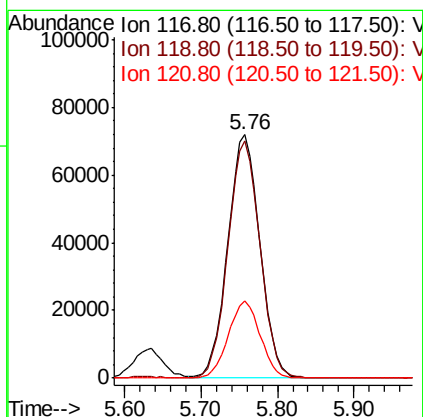
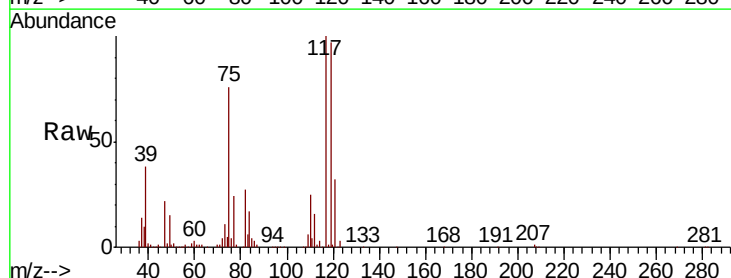
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

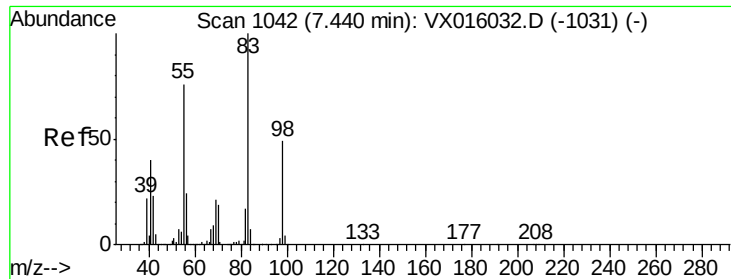
Tot Ion: 43 Resp: 227219
Ion Ratio Lower Upper
43 100
61 14.8 11.7 17.5
70 11.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 50.092 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

Tgt Ion: 117 Resp: 208847
Ion Ratio Lower Upper
117 100
119 97.1 80.3 120.5
121 31.7 25.7 38.5

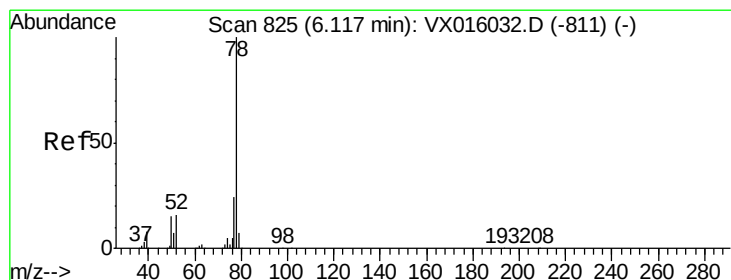
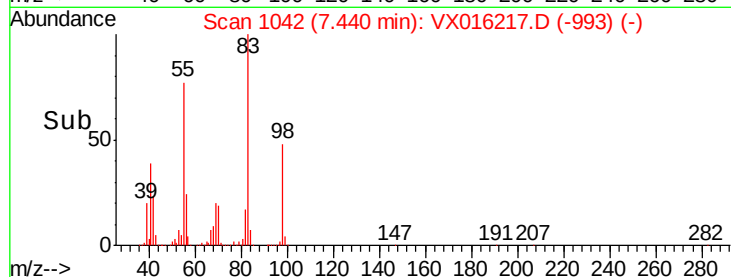
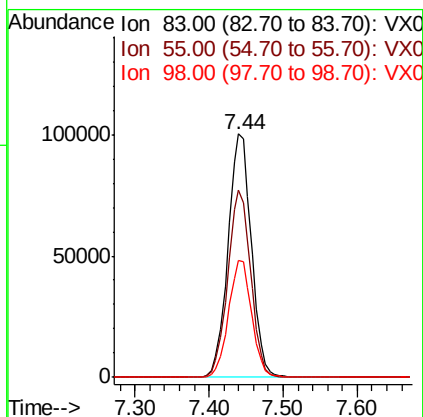
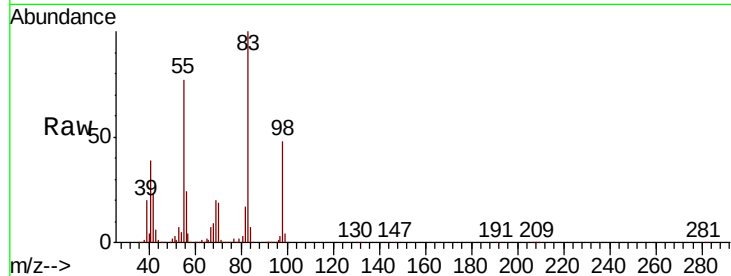




#39
Methylvlcyclohexane
Concen: 44.316 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

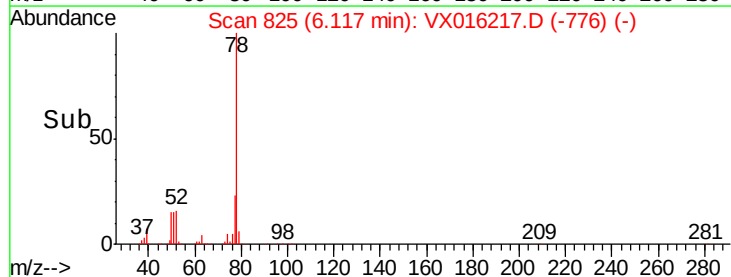
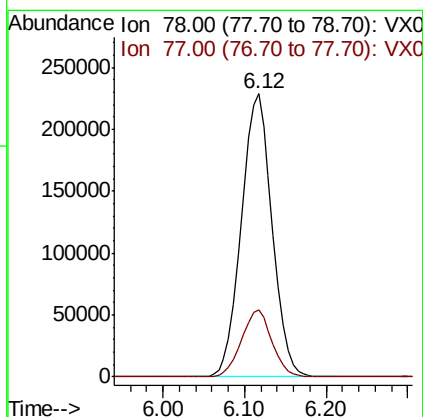
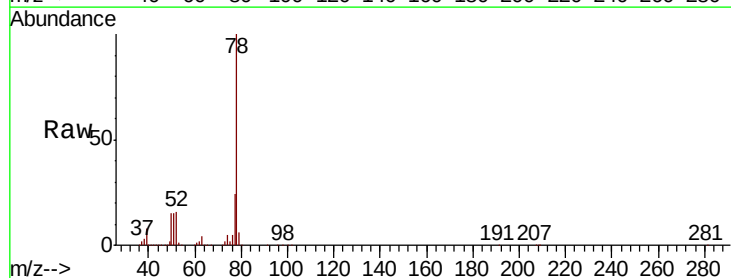
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

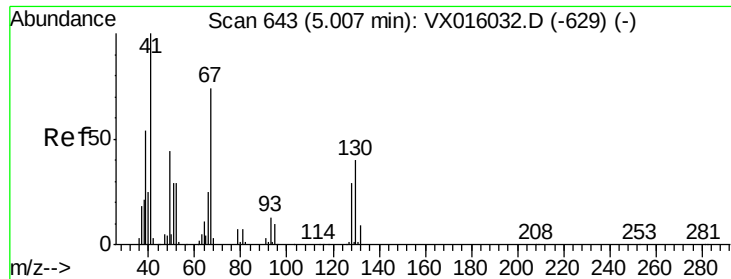
Tot Ion: 83 Resp: 218912
Ion Ratio Lower Upper
83 100
55 76.9 61.1 91.7
98 48.0 39.0 58.4



#40
Benzene
Concen: 49.764 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

Tgt Ion: 78 Resp: 597259
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

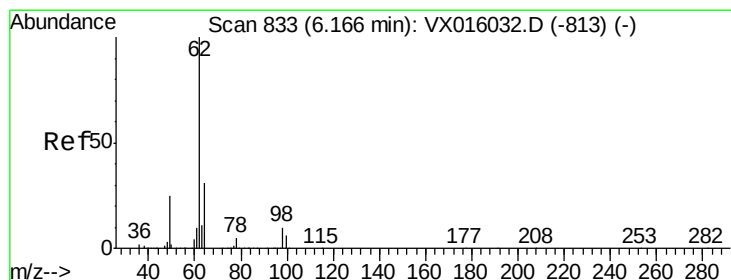
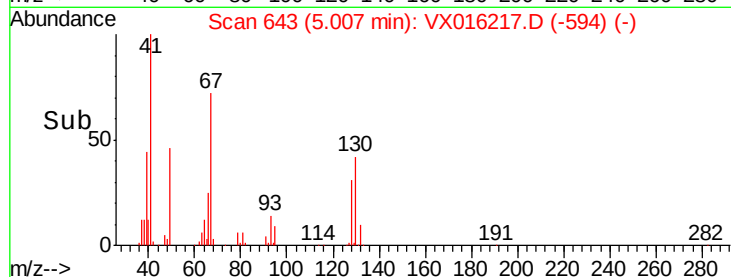
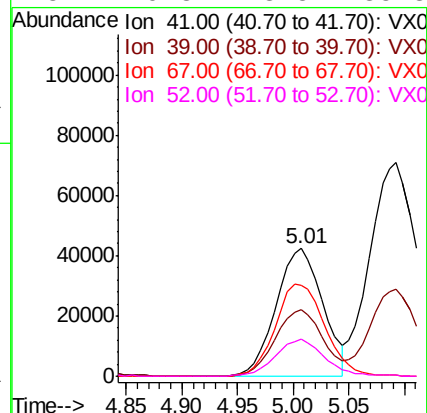
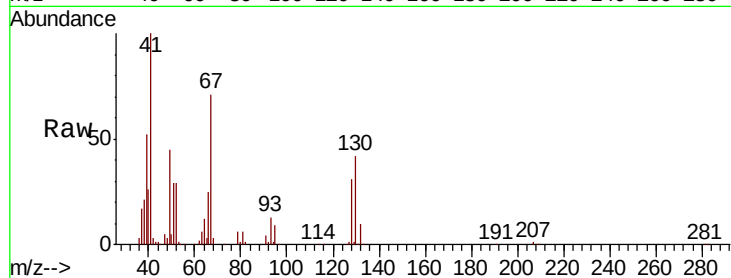




#41
Methacrylonitrile
Concen: 48.243 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

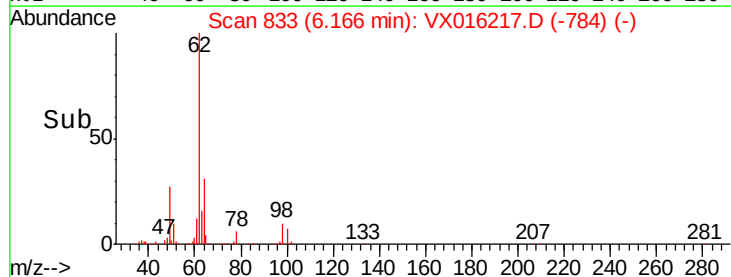
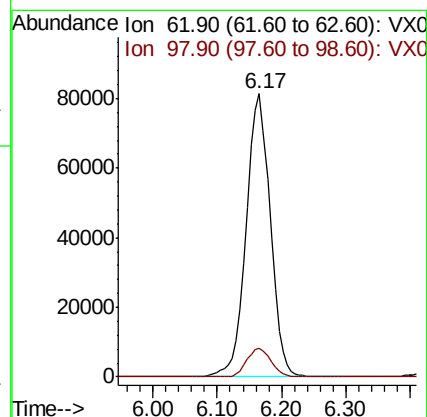
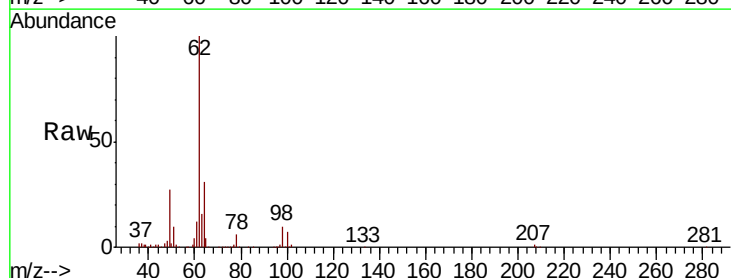
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

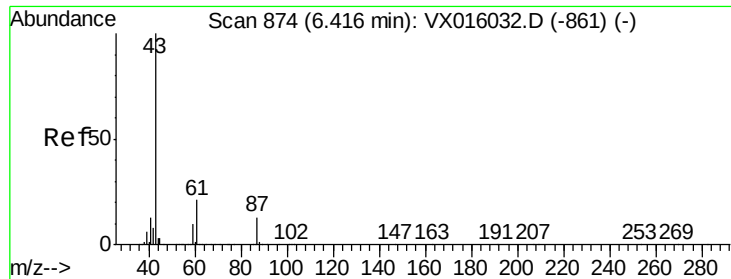
Tot Ion:	41	Resp:	123862
Ion	Ratio	Lower	Upper
41	100		
39	53.0	43.2	64.8
67	76.9	59.3	88.9
52	29.8	23.5	35.3



#42
1,2-Dichloroethane
Concen: 48.461 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

Tgt Ion:	62	Resp:	209520
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.4





#43

Isopropyl Acetate

Concen: 48.184 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

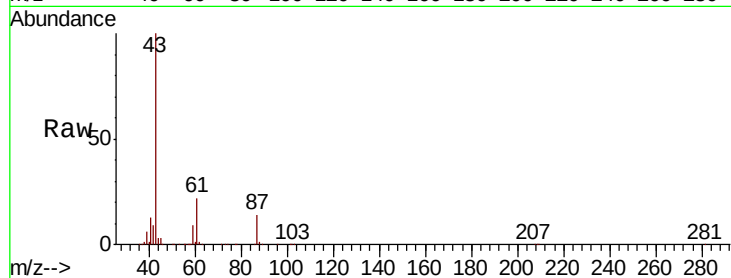
Tot Ion: 43 Resp: 365496

Ion Ratio Lower Upper

43 100

61 22.2 17.0 25.4

87 14.3 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

6.42

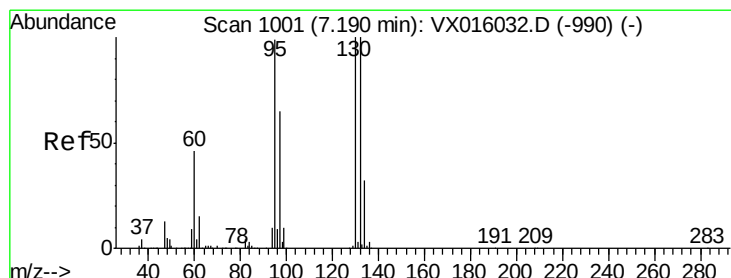
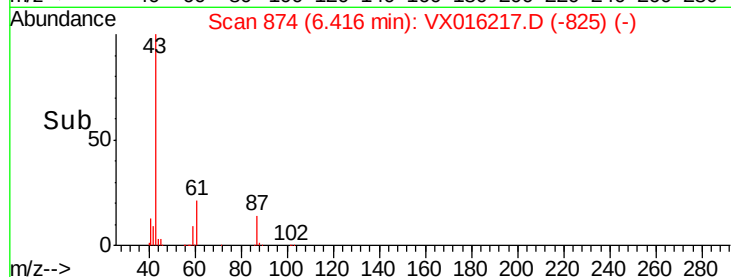
150000

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 43.820 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016217.D

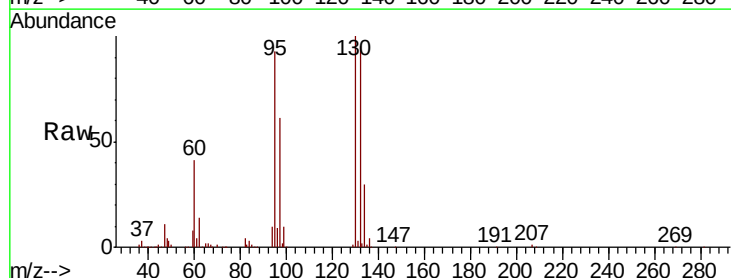
Acq: 14 May 2020 06:33

Tgt Ion:130 Resp: 186839

Ion Ratio Lower Upper

130 100

95 93.3 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

100000

80000

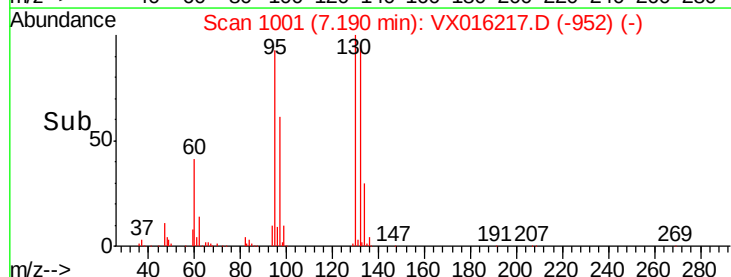
60000

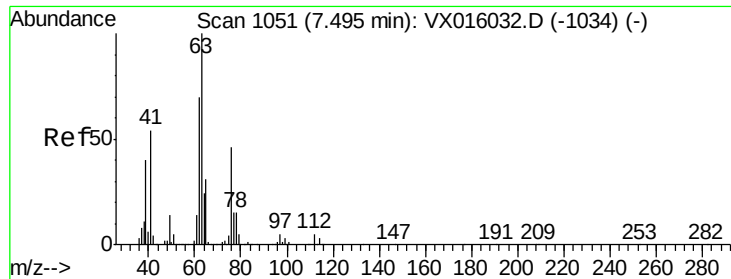
40000

20000

0

Time-->





#45

1,2-Dichloropropane

Concen: 51.321 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

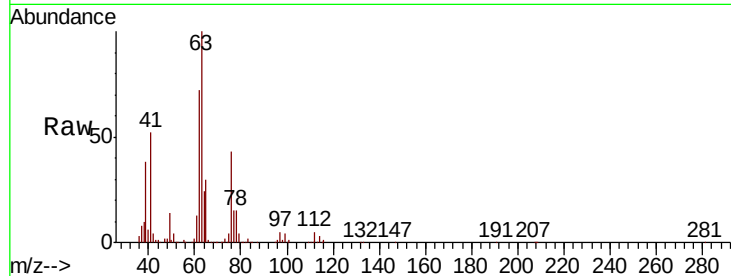
VSTDCCC050EC

Tot Ion: 63 Resp: 155855

Ion Ratio Lower Upper

63 100

65 30.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

80000

60000

40000

20000

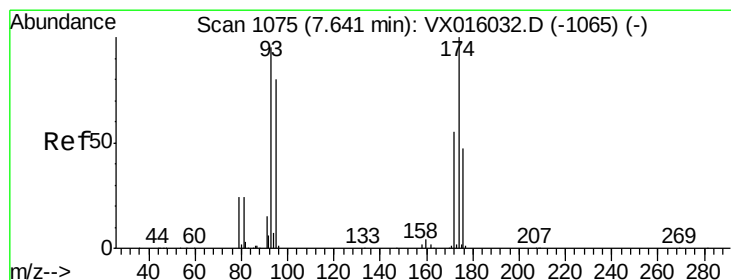
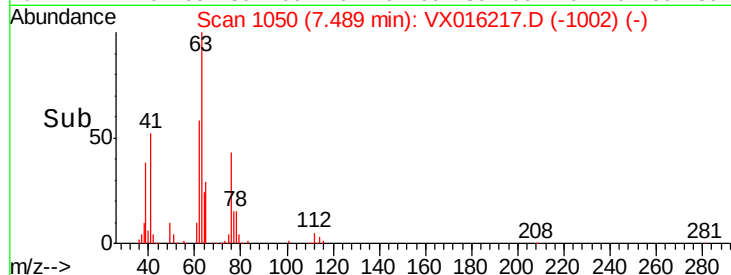
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 49.555 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

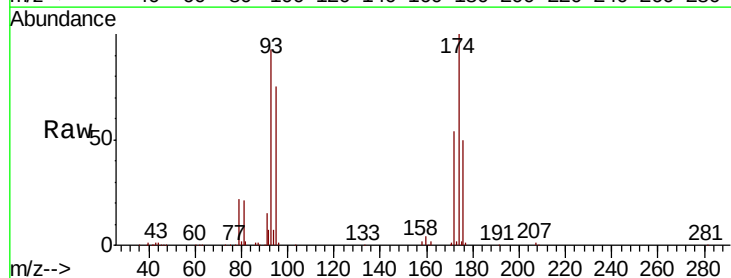
Tgt Ion: 93 Resp: 102270

Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

174 108.5 84.2 126.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

60000

40000

20000

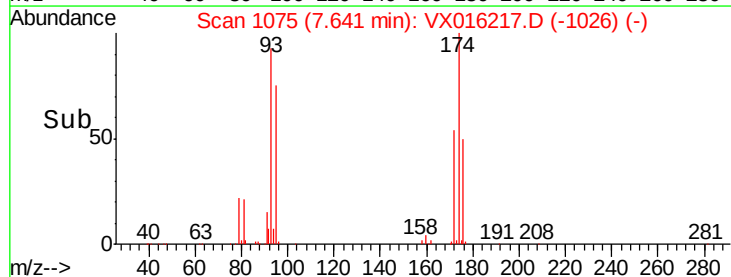
0

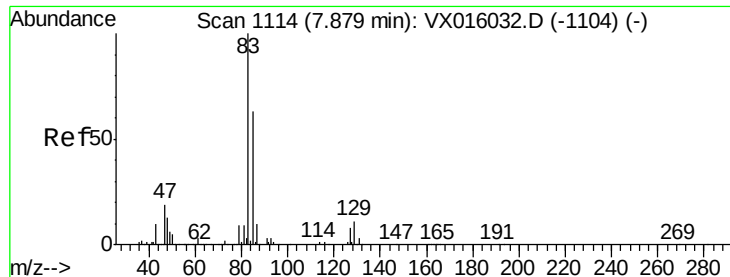
Time-->

7.60

7.70

7.80





#47

Bromodichloromethane

Concen: 51.549 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

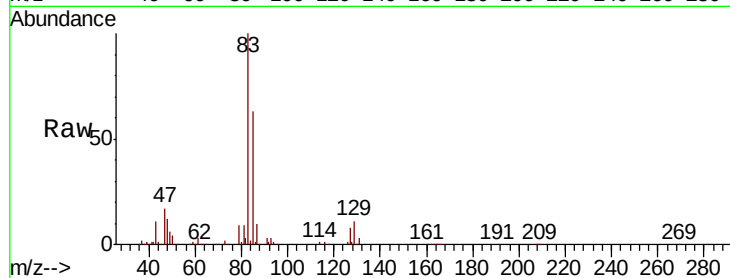
Tot Ion: 83 Resp: 216670

Ion Ratio Lower Upper

83 100

85 63.5 50.5 75.7

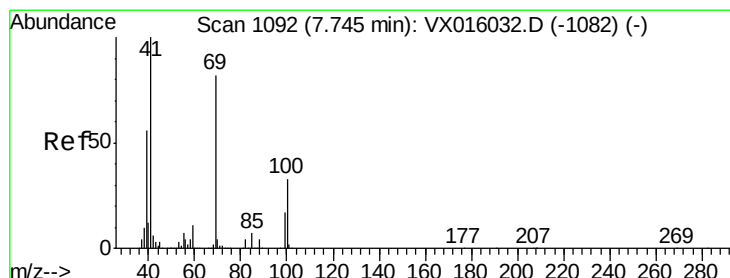
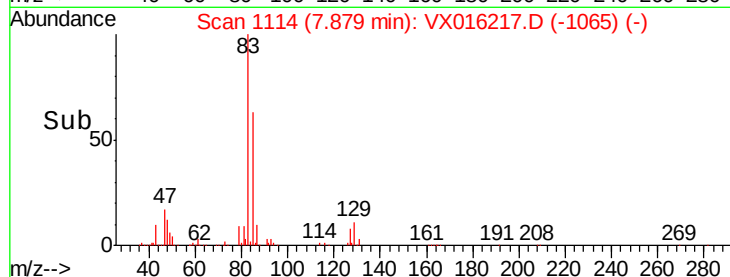
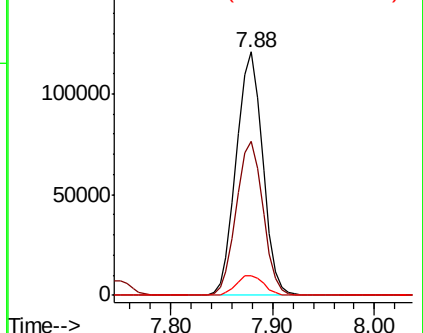
127 8.3 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.921 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

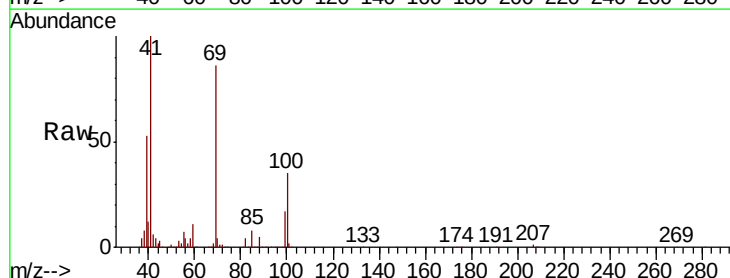
Tgt Ion: 41 Resp: 175840

Ion Ratio Lower Upper

41 100

69 87.8 67.8 101.6

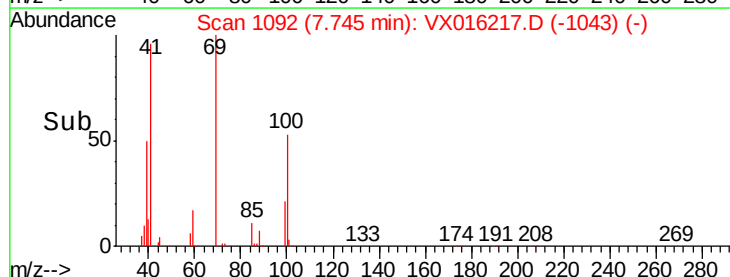
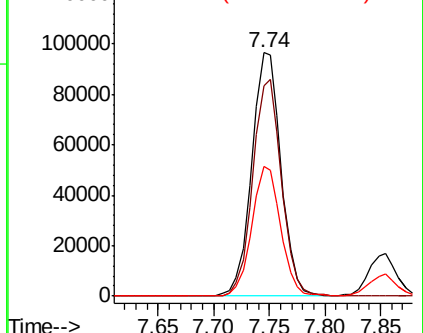
39 52.7 44.6 67.0

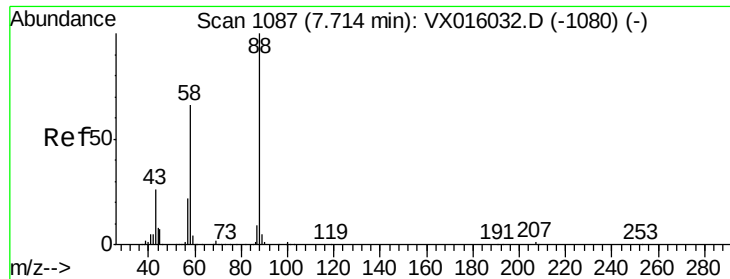


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 941.220 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

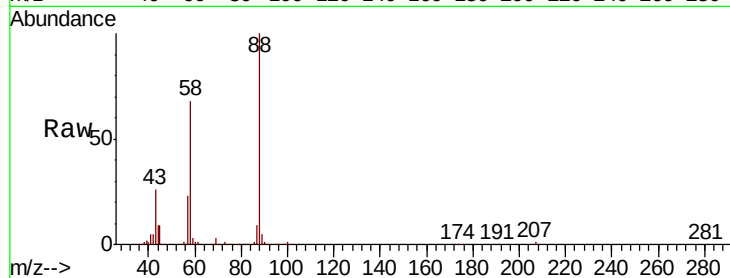
Tot Ion: 88 Resp: 81137

Ion Ratio Lower Upper

88 100

43 30.0 25.3 37.9

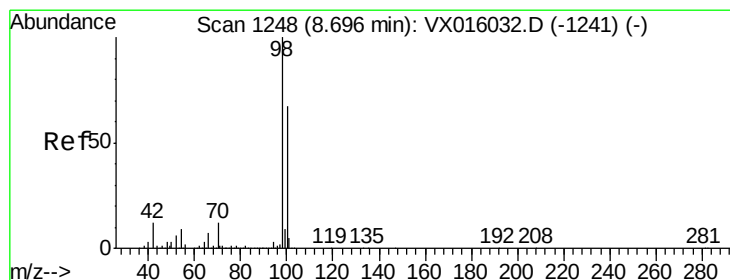
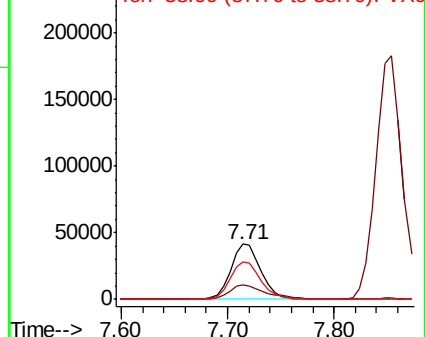
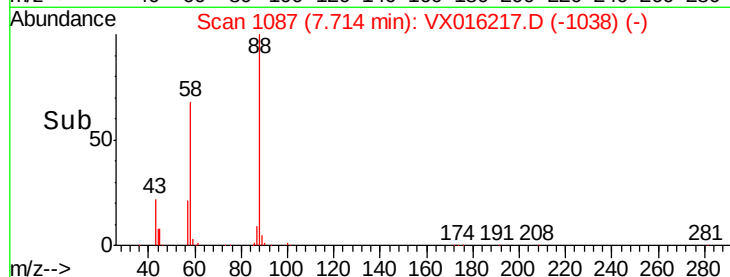
58 70.1 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.991 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016217.D

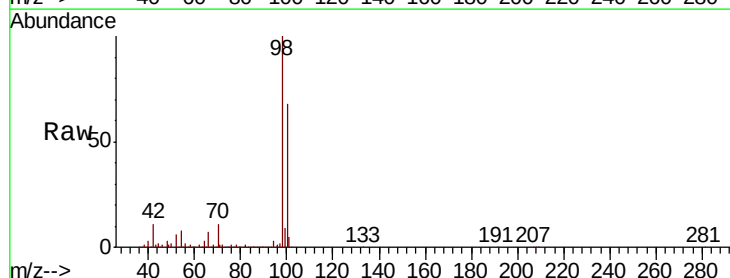
Acq: 14 May 2020 06:33

Tgt Ion: 98 Resp: 508511

Ion Ratio Lower Upper

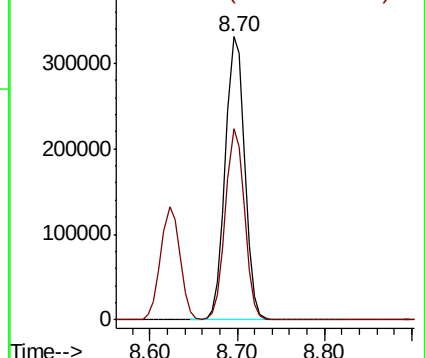
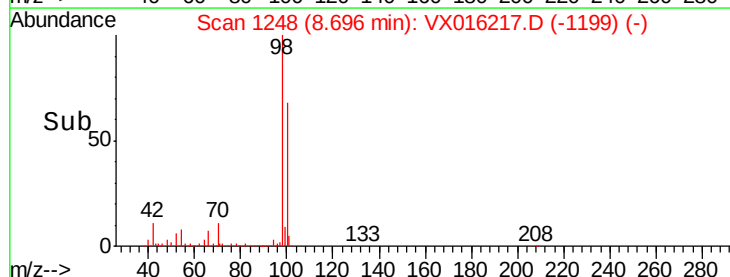
98 100

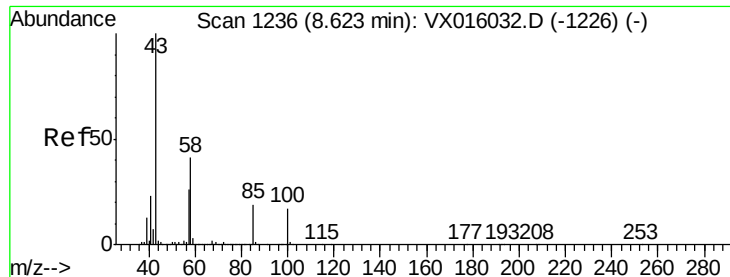
100 66.9 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 250.188 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

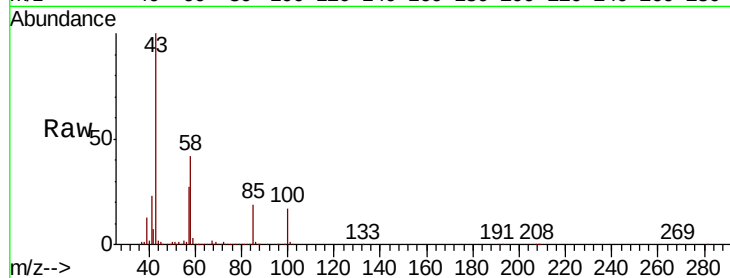
VSTDCCC050EC

Tot Ion: 43 Resp: 1161331

Ion Ratio Lower Upper

43 100

58 42.0 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

800000

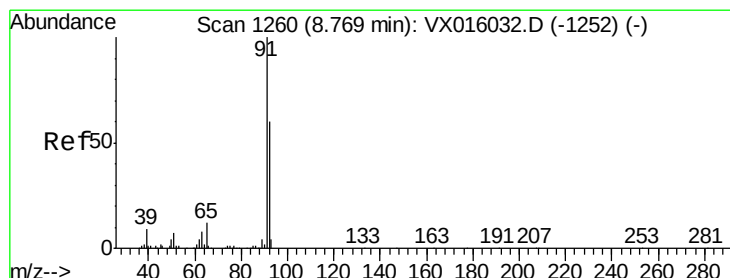
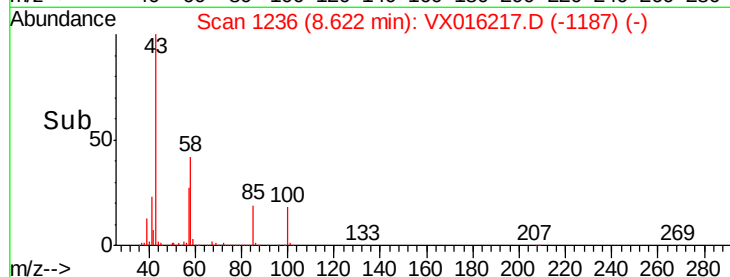
600000

400000

200000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 50.922 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016217.D

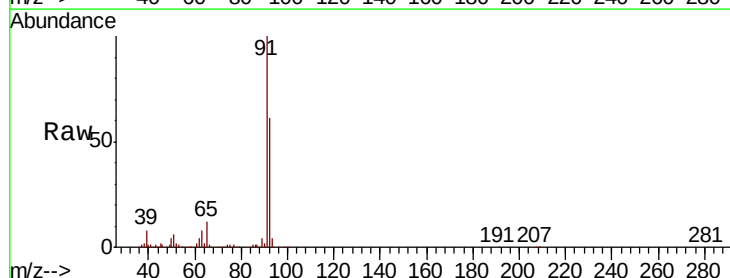
Acq: 14 May 2020 06:33

Tgt Ion: 92 Resp: 380939

Ion Ratio Lower Upper

92 100

91 168.0 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

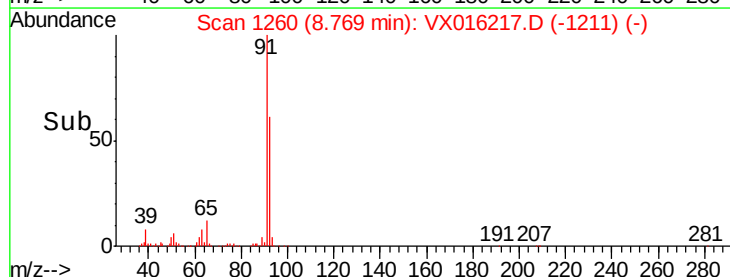
300000

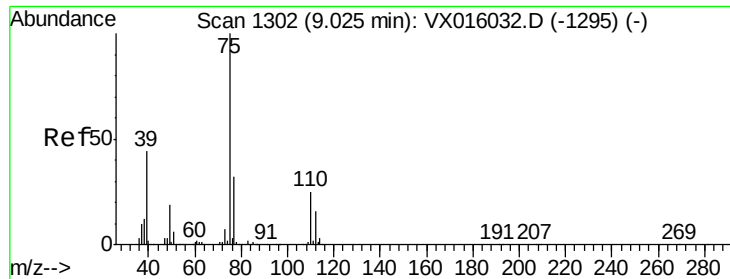
200000

100000

0

Time--> 8.70 8.75 8.80 8.85





#53

t-1,3-Dichloropropene

Concen: 47.159 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

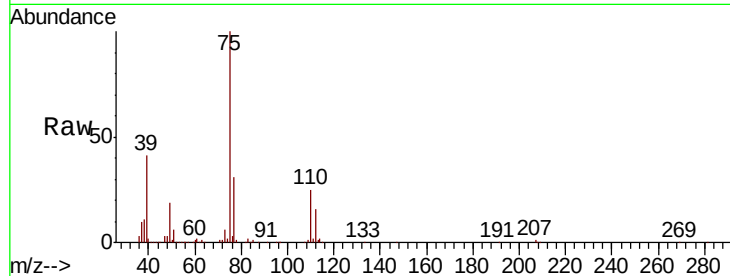
VSTDCCC050EC

Tot Ion: 75 Resp: 236338

Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

150000

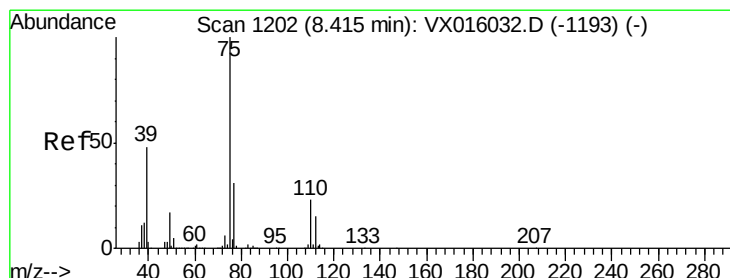
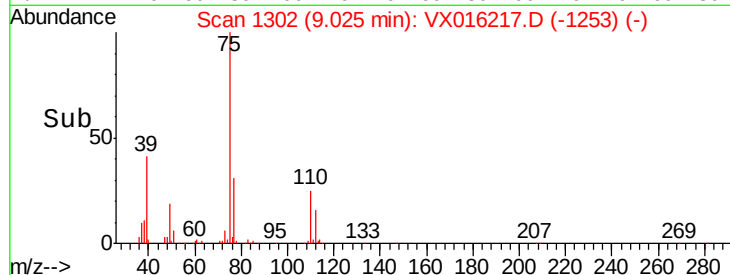
100000

50000

0

Time-->

8.95 9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 47.888 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

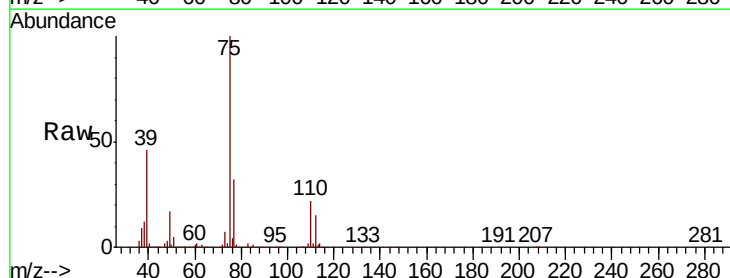
Tgt Ion: 75 Resp: 250669

Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1

39 45.9 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

150000

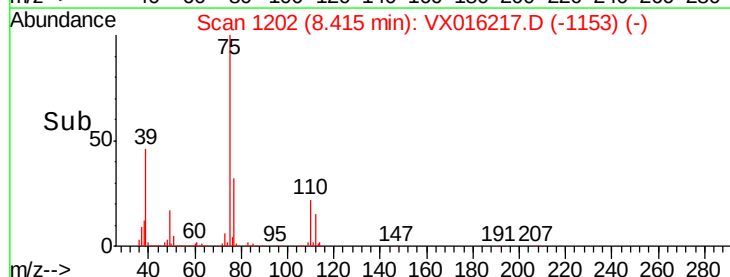
100000

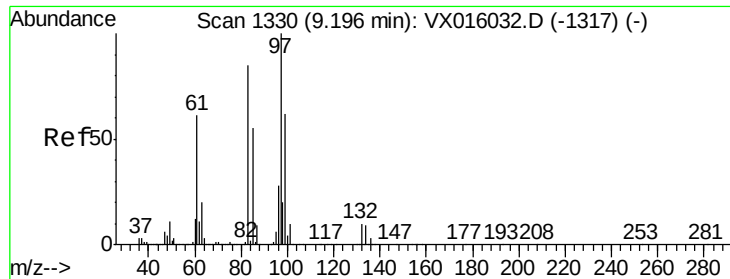
50000

0

Time-->

8.30 8.40 8.50

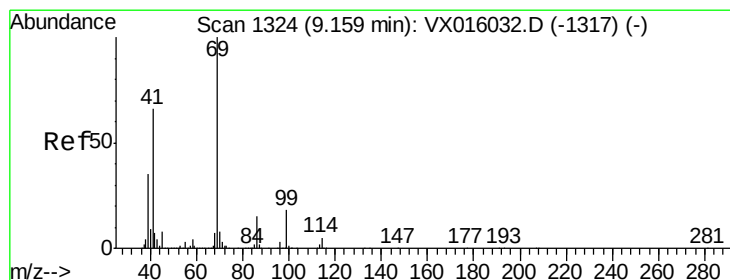
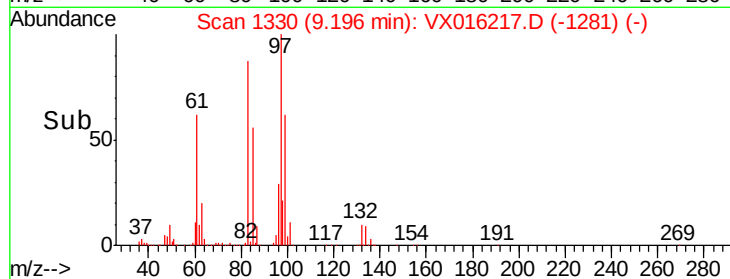
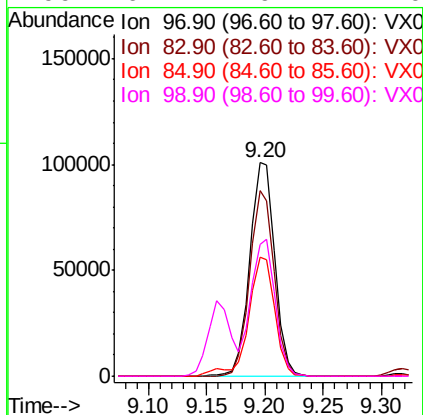
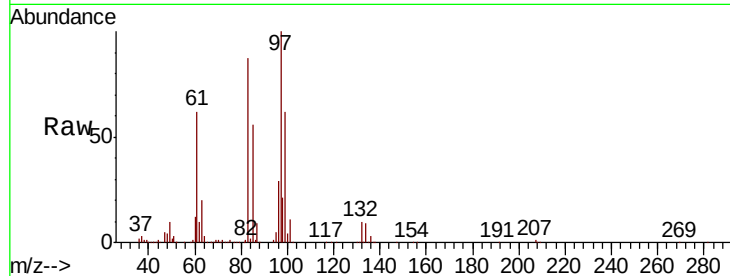




#55
 1,1,2-Trichloroethane
 Concen: 51.804 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016217.D
 Acq: 14 May 2020 06:33

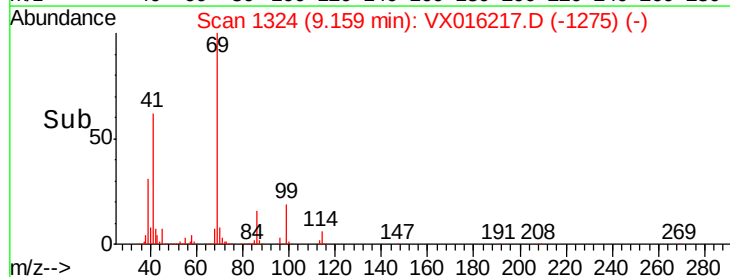
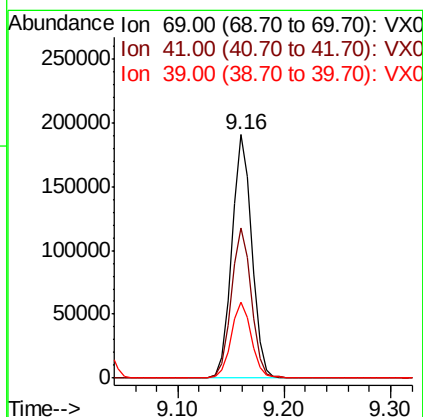
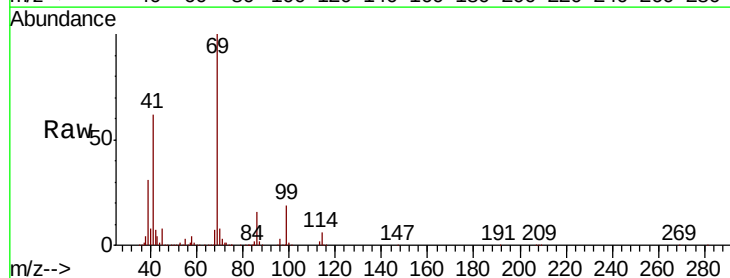
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

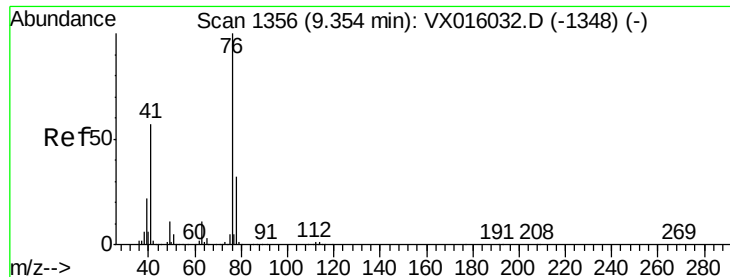
Tot Ion:	97	Resp:	152472
Ion	Ratio	Lower	Upper
97	100		
83	87.1	67.8	101.8
85	55.6	43.8	65.8
99	61.7	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 52.296 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016217.D
 Acq: 14 May 2020 06:33

Tgt Ion:	69	Resp:	251249
Ion	Ratio	Lower	Upper
69	100		
41	61.9	52.2	78.4
39	31.8	28.2	42.4





#57

1,3-Dichloropropane

Concen: 51.534 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

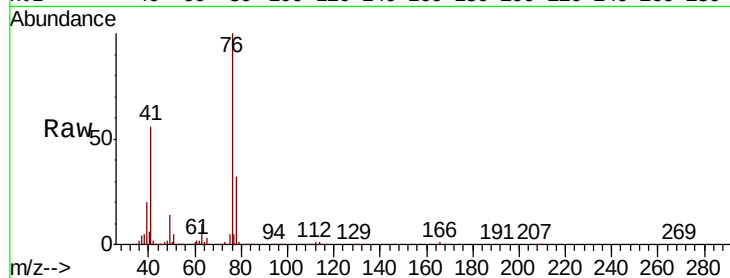
VSTDCCC050EC

Tot Ion: 76 Resp: 264664

Ion Ratio Lower Upper

76 100

78 32.1 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

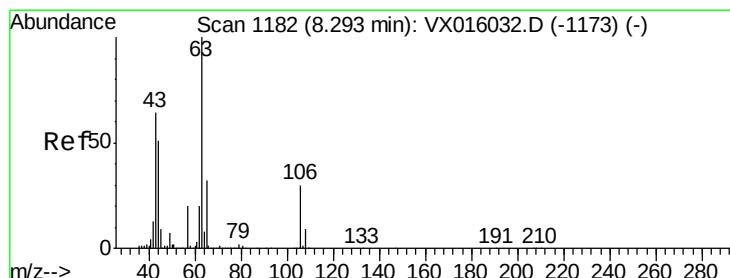
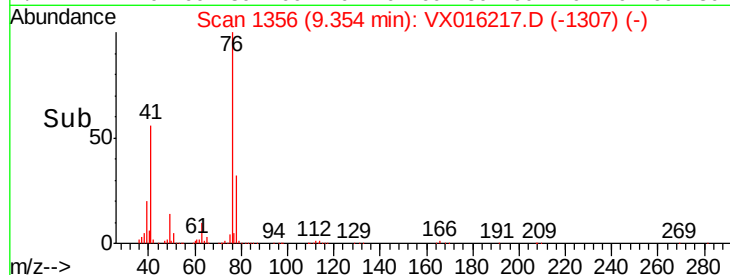
100000

50000

0

Time-->

9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 247.518 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016217.D

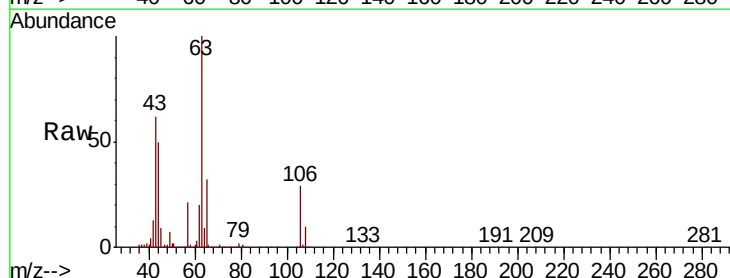
Acq: 14 May 2020 06:33

Tgt Ion: 63 Resp: 633078

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

500000

400000

300000

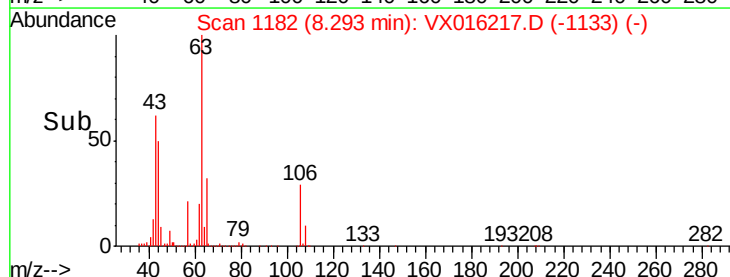
200000

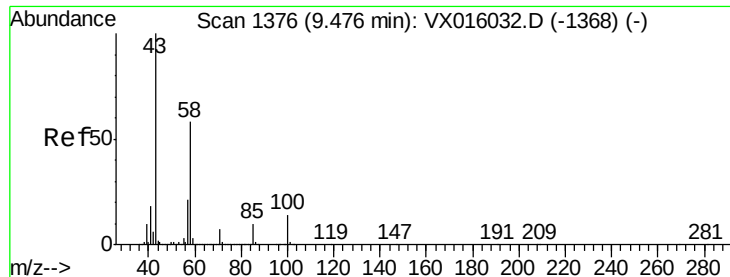
100000

0

Time-->

8.20 8.30 8.40

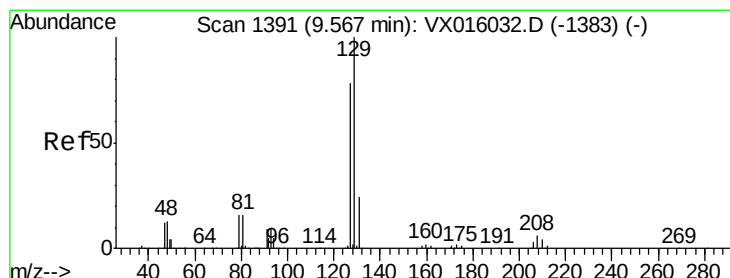
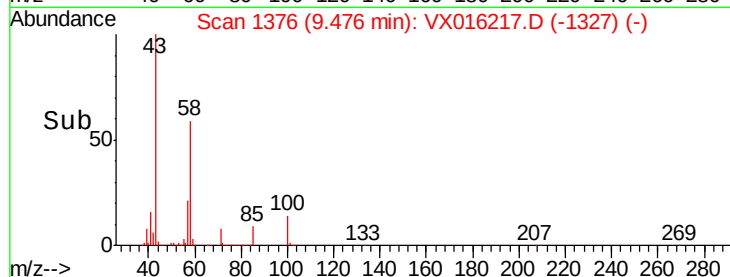
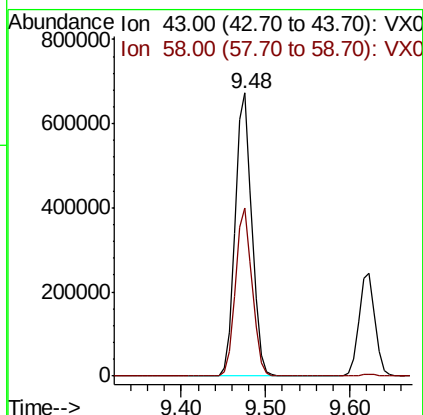
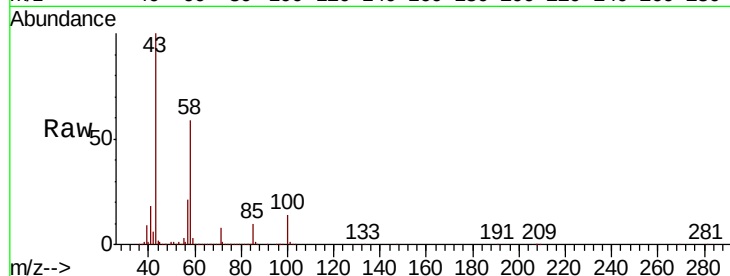




#59
2-Hexanone
Concen: 246.227 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

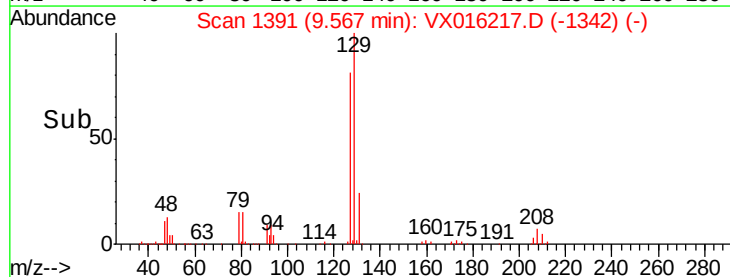
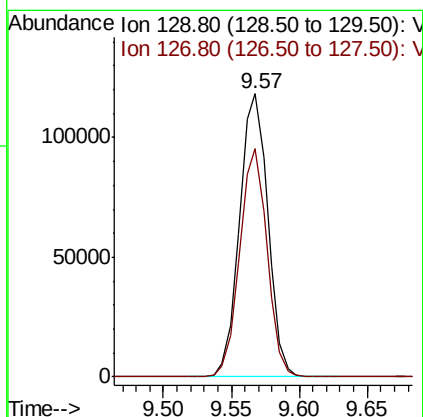
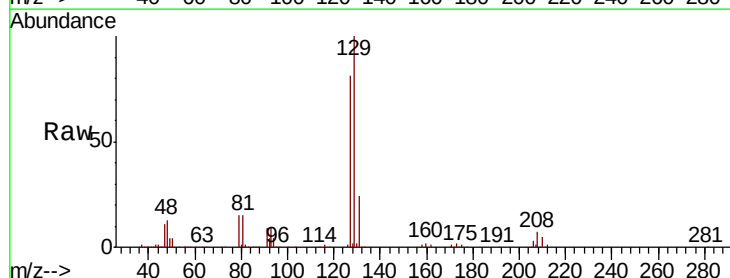
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

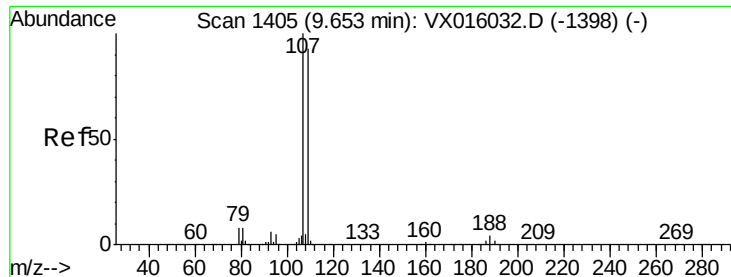
Tot Ion: 43 Resp: 897583
Ion Ratio Lower Upper
43 100
58 59.0 28.6 85.9



#60
Dibromochloromethane
Concen: 53.137 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

Tgt Ion: 129 Resp: 172247
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.715 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

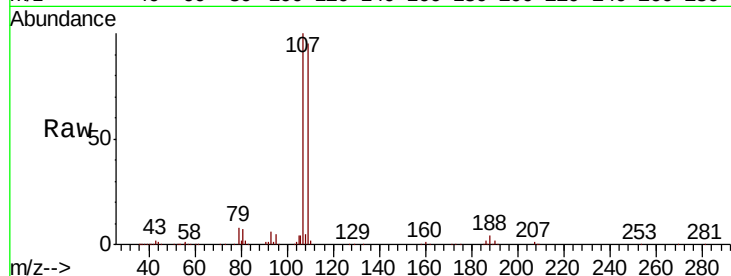
VSTDCCC050EC

Tot Ion:107 Resp: 161684

Ion Ratio Lower Upper

107 100

109 95.1 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

60000

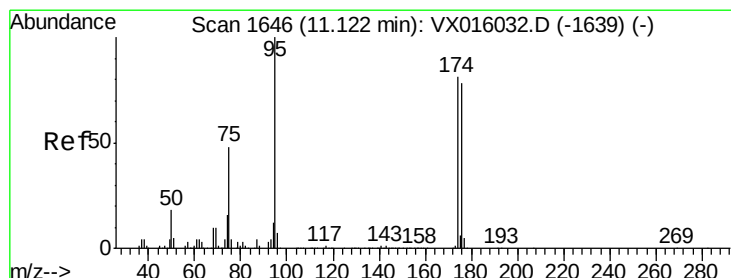
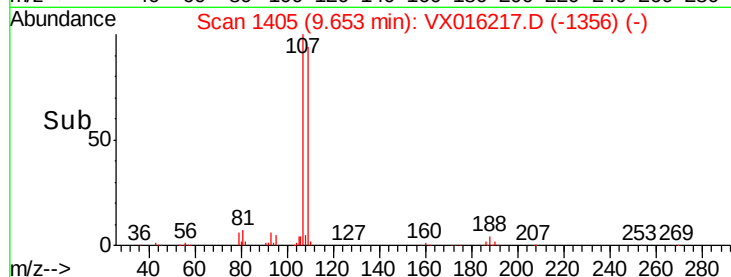
40000

20000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 51.438 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

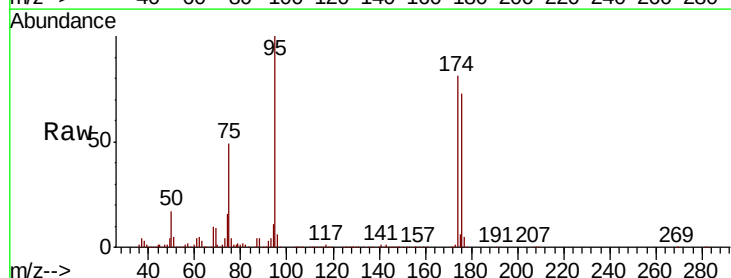
Tgt Ion: 95 Resp: 199011

Ion Ratio Lower Upper

95 100

174 81.9 0.0 159.4

176 77.1 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

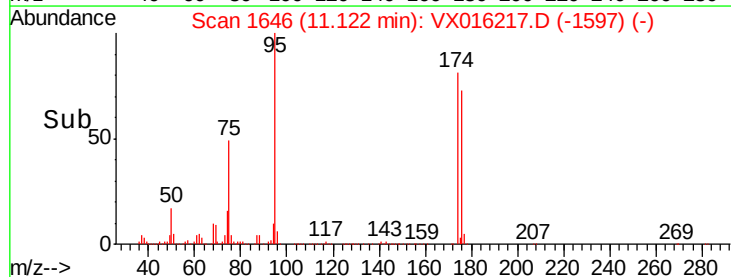
100000

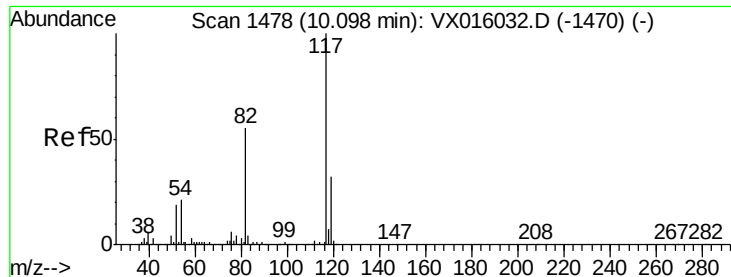
50000

0

Time-->

11.10 11.12 11.20

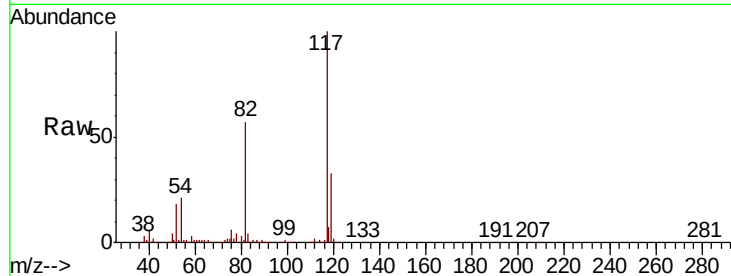




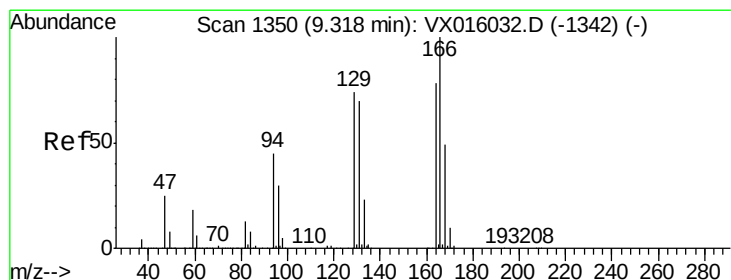
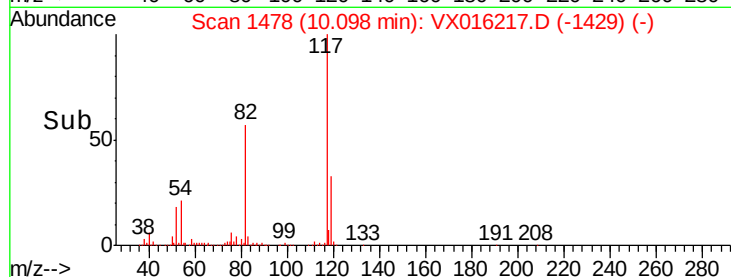
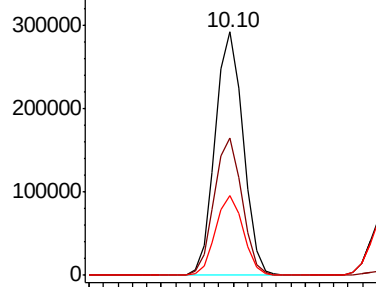
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 393284
Ion Ratio Lower Upper
117 100
82 56.6 44.4 66.6
119 32.8 25.5 38.3

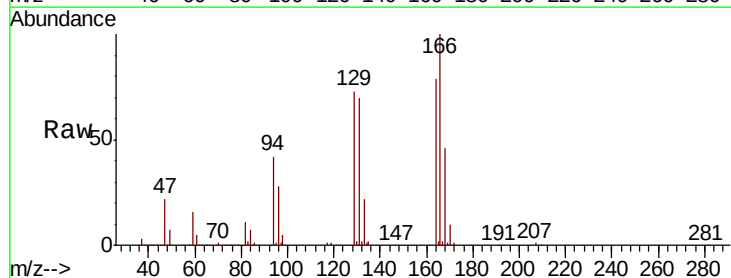


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

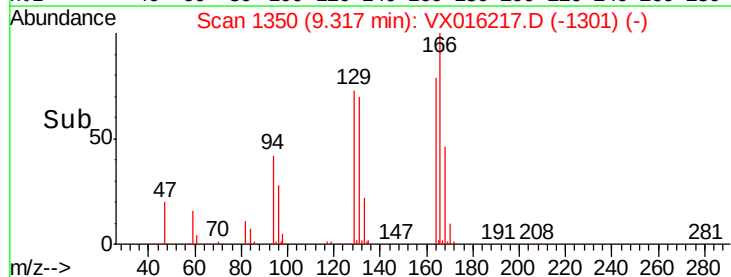
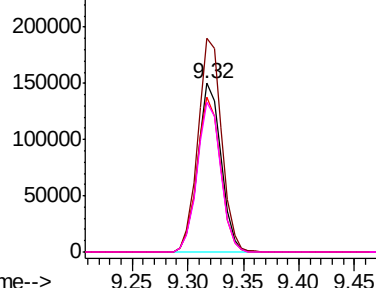


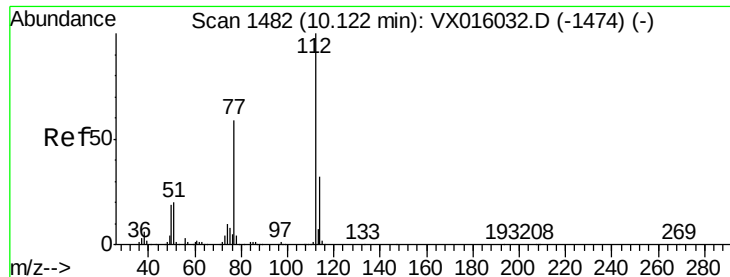
#64
Tetrachloroethene
Concen: 44.922 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

Tgt Ion:164 Resp: 216886
Ion Ratio Lower Upper
164 100
166 126.5 102.9 154.3
129 92.1 76.1 114.1
131 88.8 71.9 107.9



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

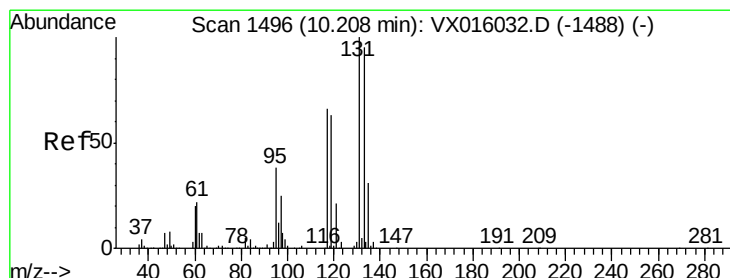
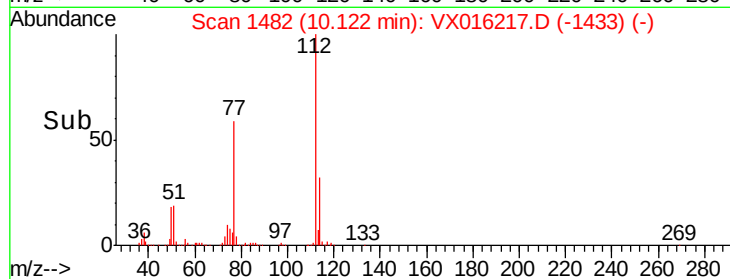
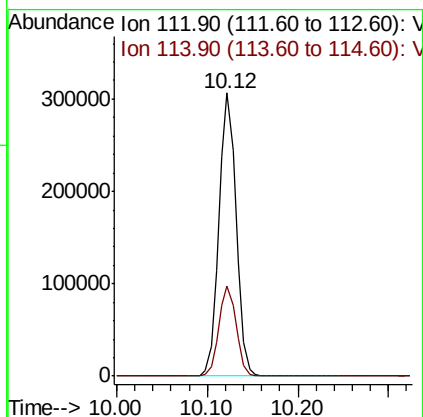
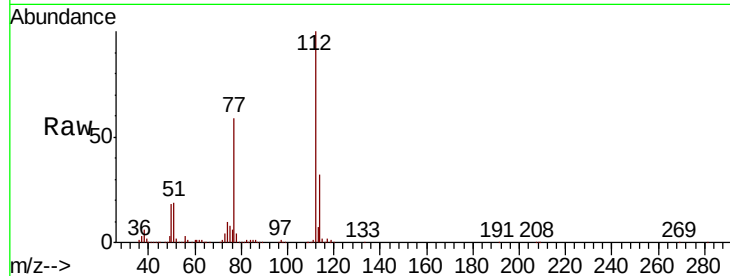




#65
Chlorobenzene
Concen: 49.481 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

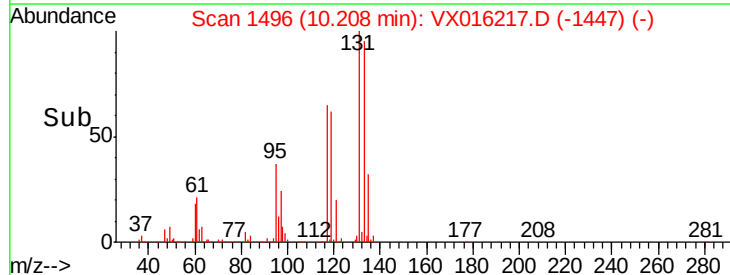
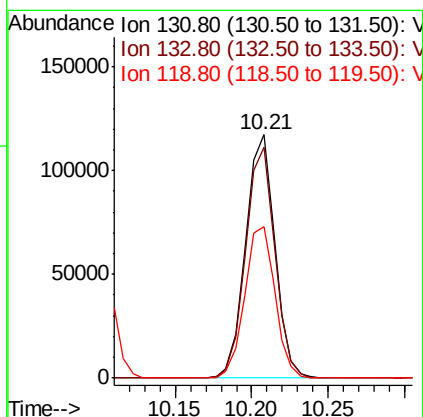
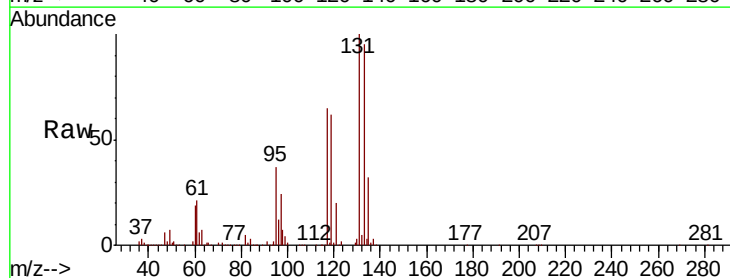
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

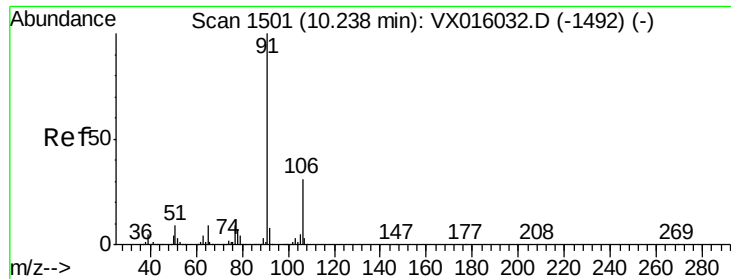
Tot Ion:112 Resp: 407473
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.265 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

Tgt Ion:131 Resp: 156035
Ion Ratio Lower Upper
131 100
133 94.7 48.3 144.8
119 64.4 32.3 96.9





#67

Ethyl Benzene

Concen: 49.277 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

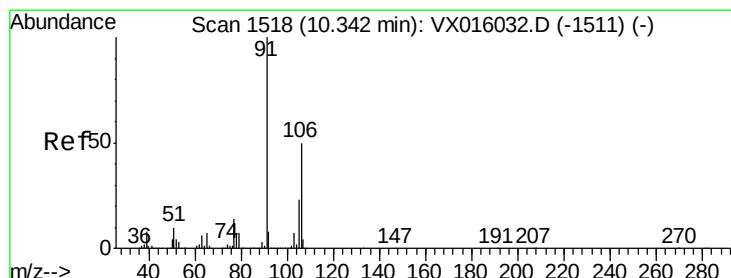
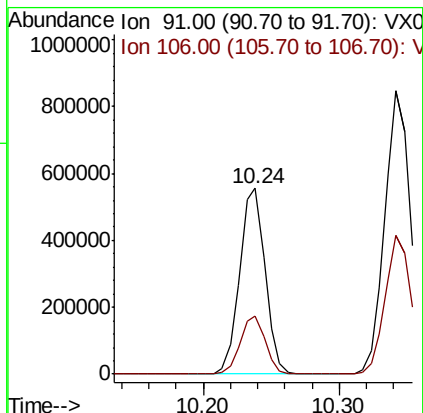
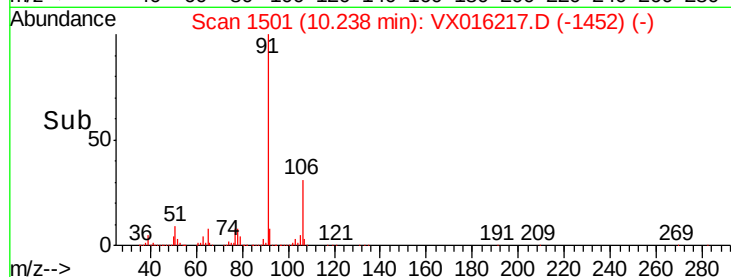
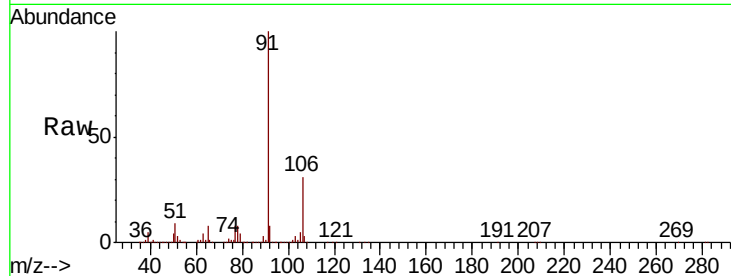
VSTDCCC050EC

Tot Ion: 91 Resp: 724037

Ion Ratio Lower Upper

91 100

106 31.3 25.1 37.7



#68

m/p-Xylenes

Concen: 99.628 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016217.D

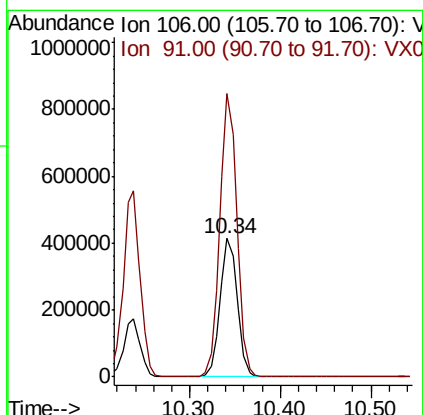
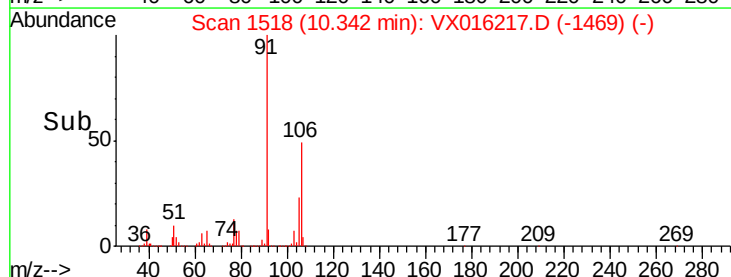
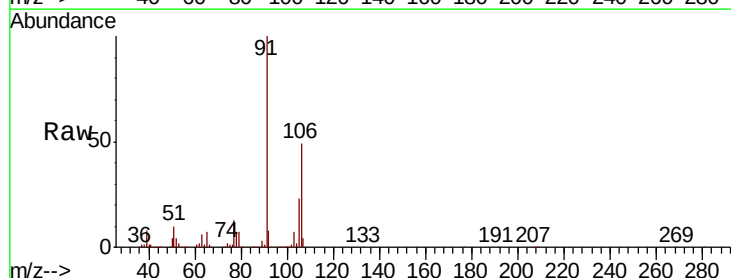
Acq: 14 May 2020 06:33

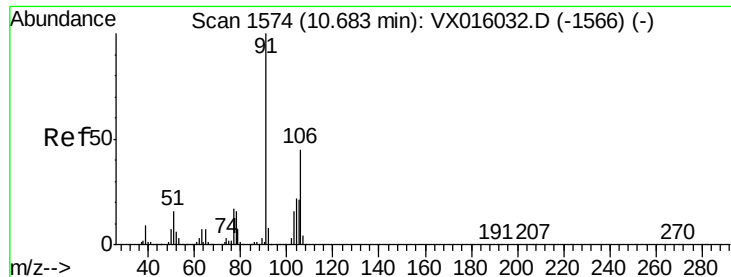
Tgt Ion: 106 Resp: 548449

Ion Ratio Lower Upper

106 100

91 203.0 161.7 242.5

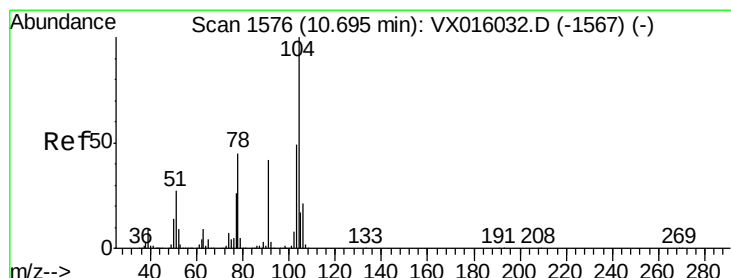
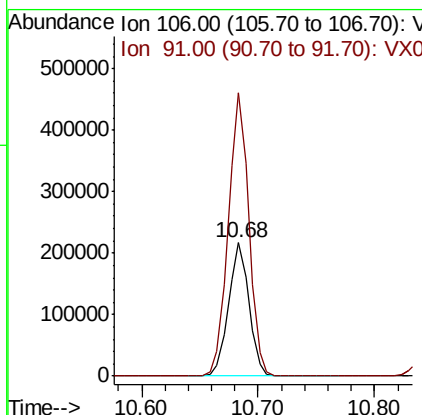
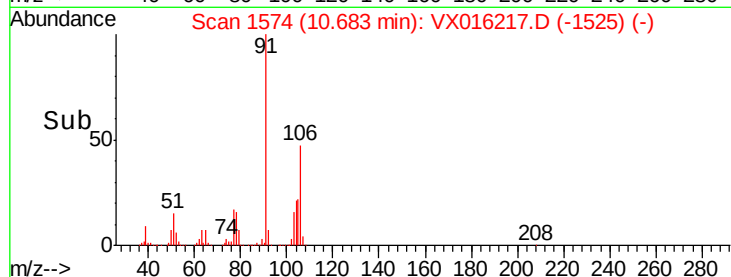
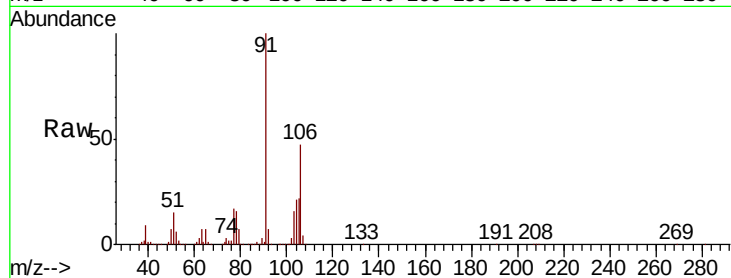




#69
o-Xylene
Concen: 49.957 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

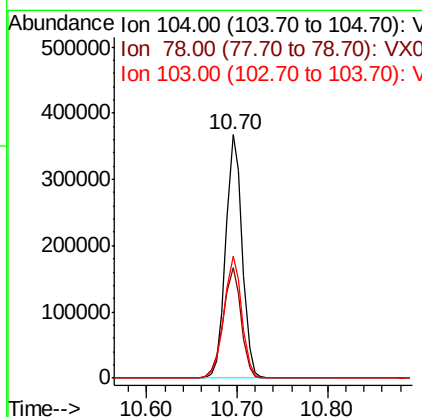
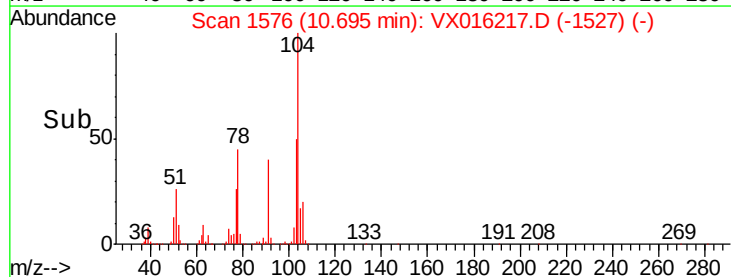
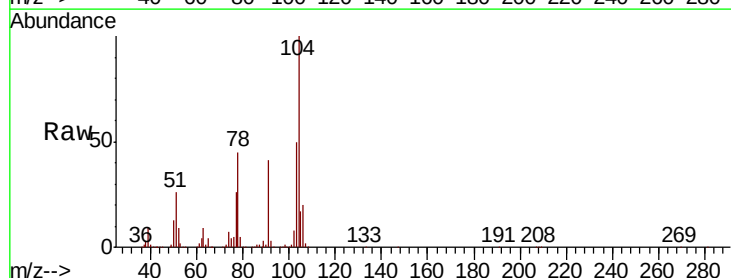
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

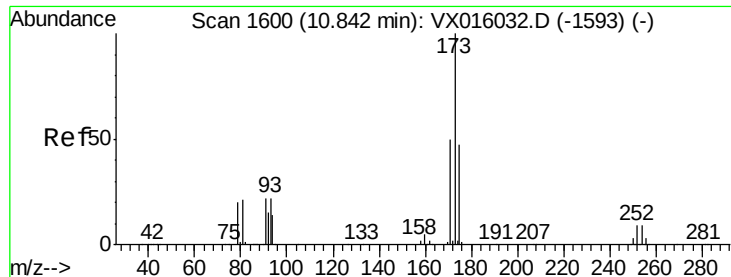
Tot Ion:106 Resp: 264350
Ion Ratio Lower Upper
106 100
91 213.9 107.5 322.6



#70
Styrene
Concen: 51.504 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

Tgt Ion:104 Resp: 462359
Ion Ratio Lower Upper
104 100
78 49.6 40.2 60.2
103 54.1 43.0 64.6





#71

Bromoform

Concen: 53.045 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

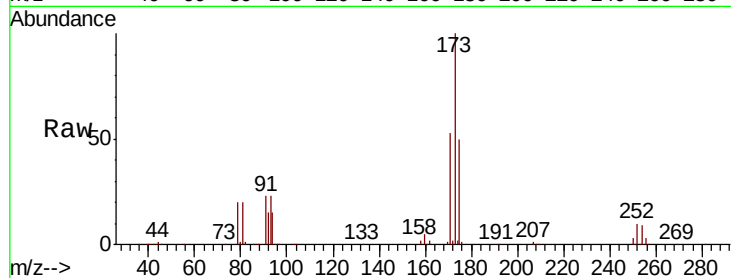
Tot Ion:173 Resp: 131541

Ion Ratio Lower Upper

173 100

175 48.9 24.0 72.0

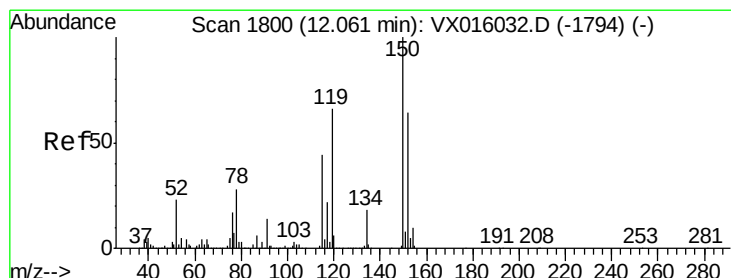
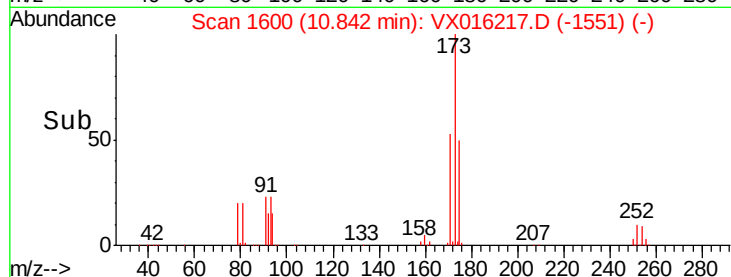
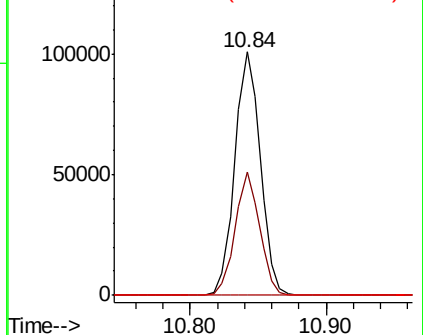
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

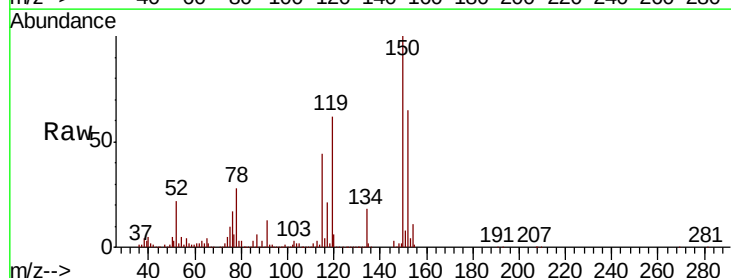
Tgt Ion:152 Resp: 203547

Ion Ratio Lower Upper

152 100

115 80.9 41.3 124.1

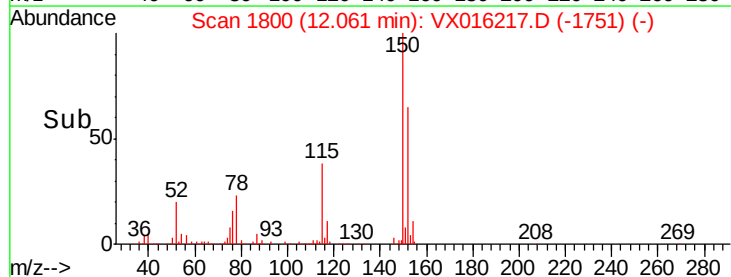
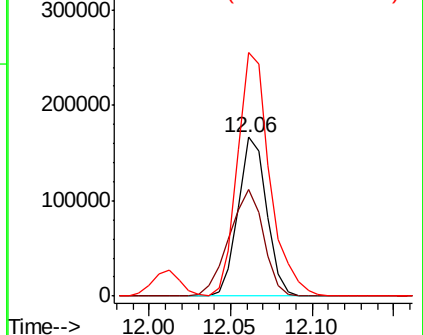
150 172.7 0.0 352.2

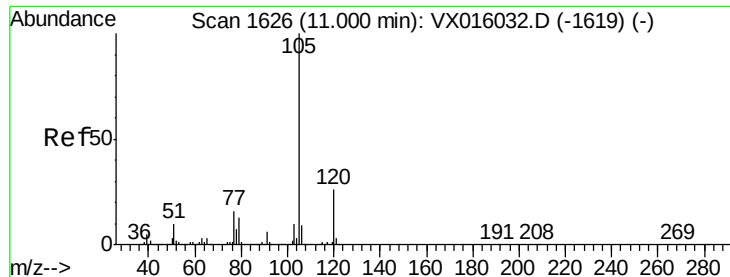


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.429 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

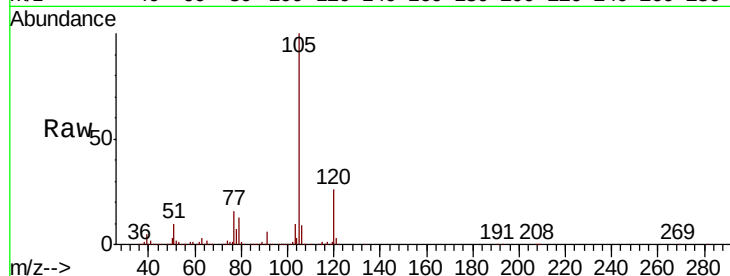
VSTDCCC050EC

Tot Ion:105 Resp: 702182

Ion Ratio Lower Upper

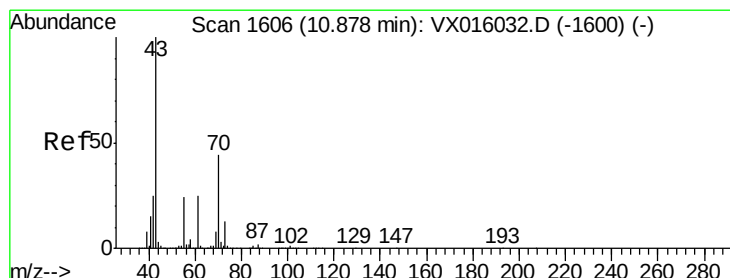
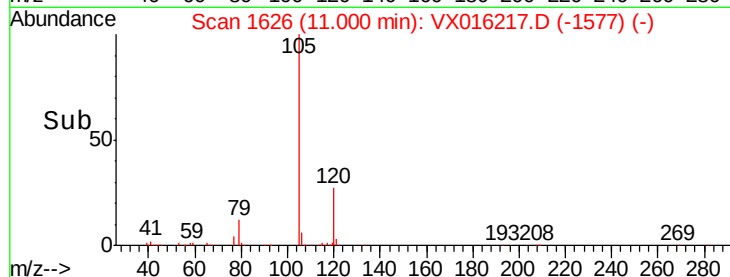
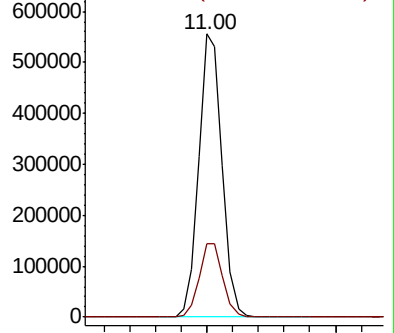
105 100

120 26.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.790 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Tgt Ion: 43 Resp: 316211

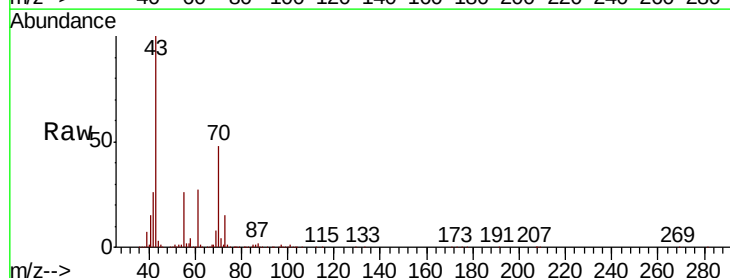
Ion Ratio Lower Upper

43 100

70 46.5 36.5 54.7

55 25.9 19.7 29.5

61 26.6 20.9 31.3

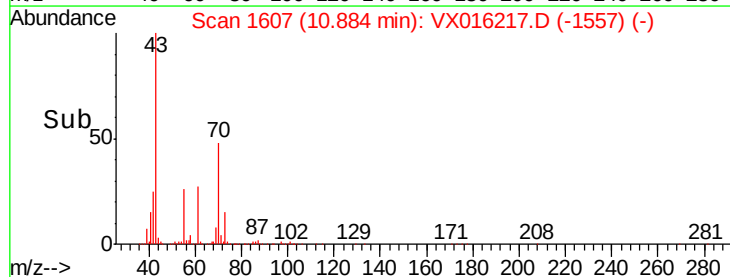
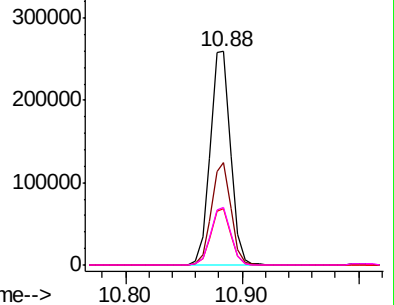


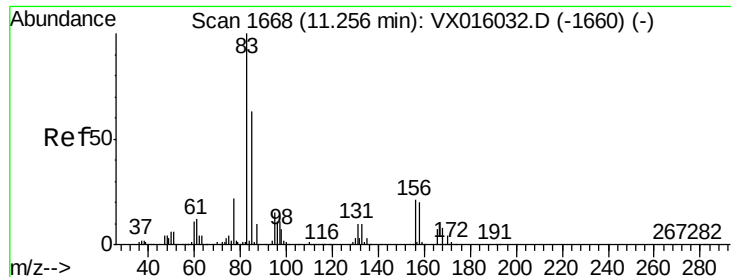
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 60.764 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

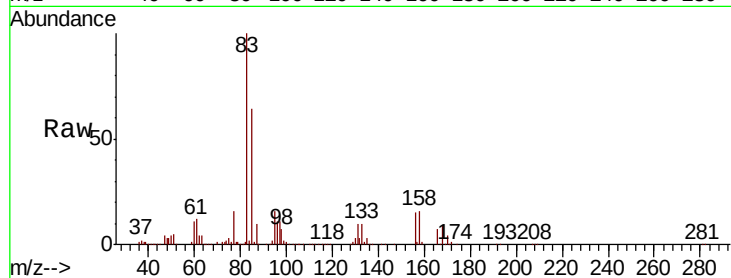
Tot Ion: 83 Resp: 181538

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

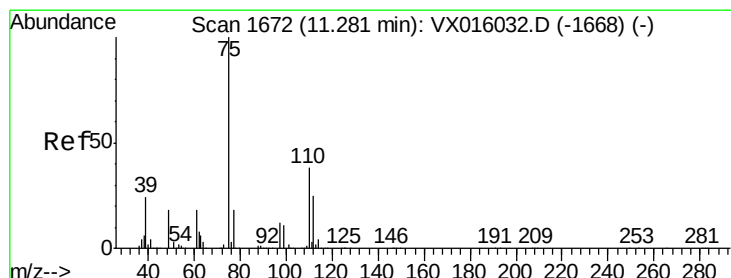
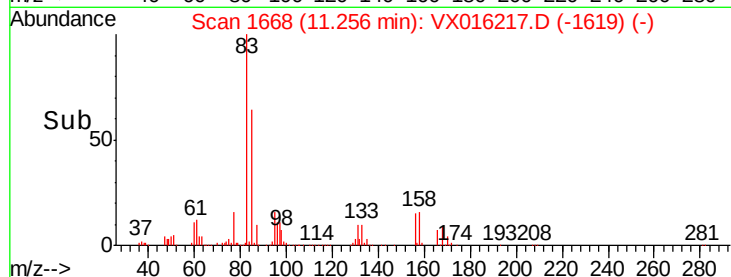
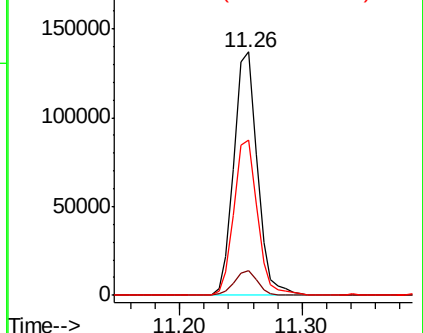
85 63.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.303 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016217.D

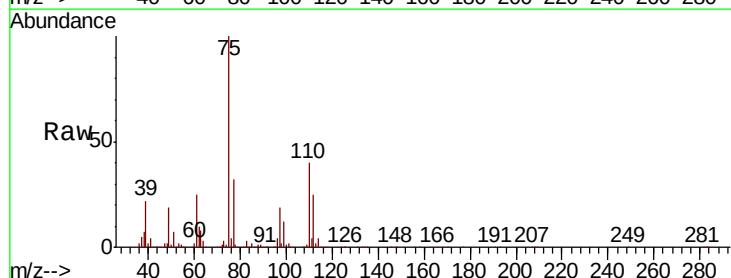
Acq: 14 May 2020 06:33

Tgt Ion: 75 Resp: 287773

Ion Ratio Lower Upper

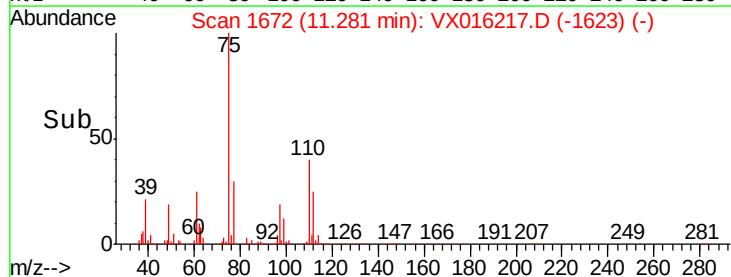
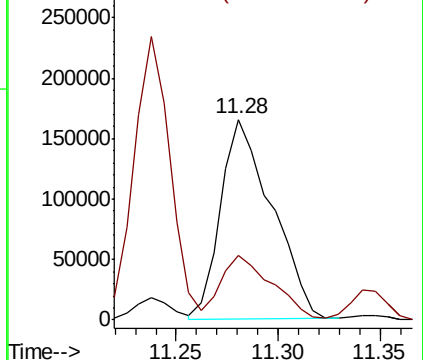
75 100

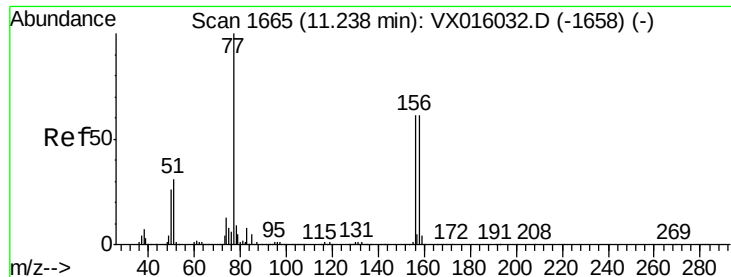
77 32.3 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.803 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

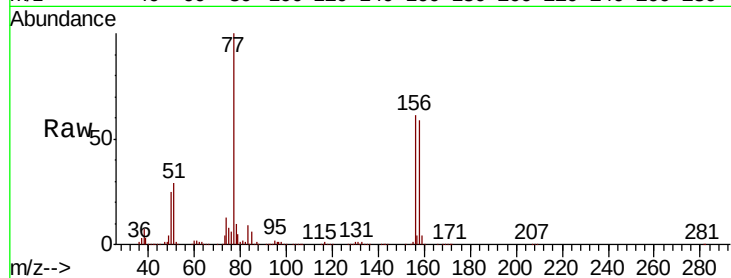
Tot Ion:156 Resp: 182672

Ion Ratio Lower Upper

156 100

77 158.9 80.1 240.3

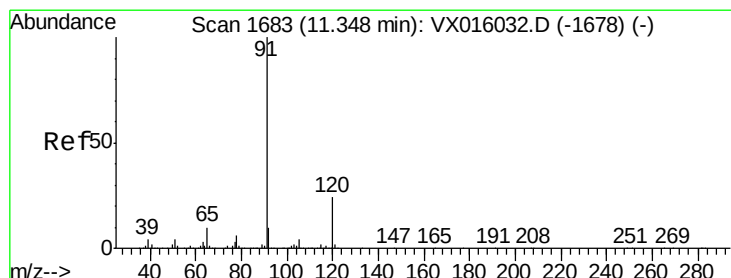
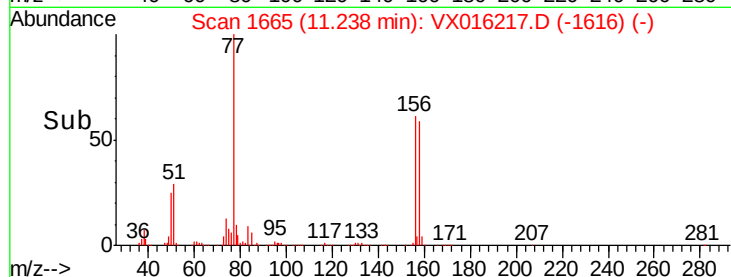
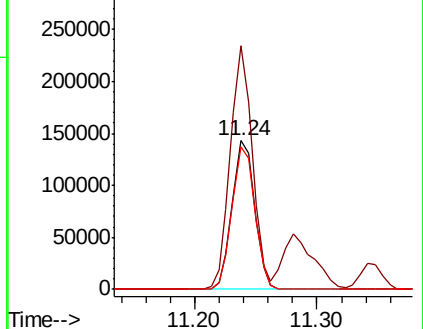
158 96.7 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.768 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX016217.D

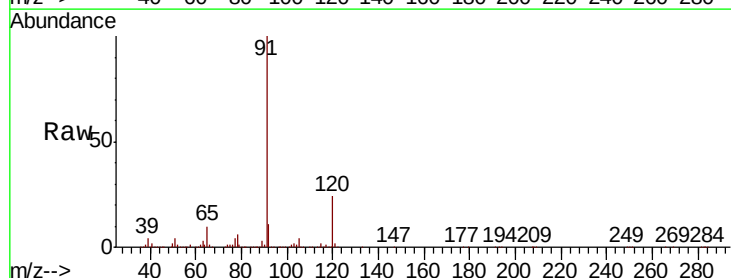
Acq: 14 May 2020 06:33

Tgt Ion: 91 Resp: 805499

Ion Ratio Lower Upper

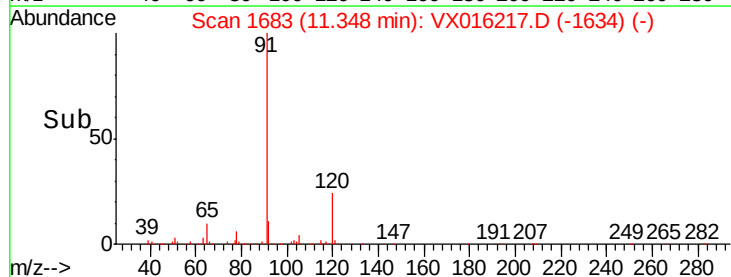
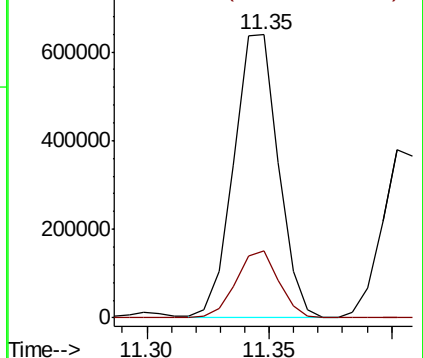
91 100

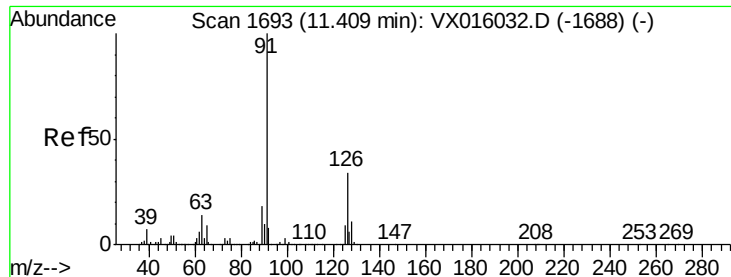
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.865 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

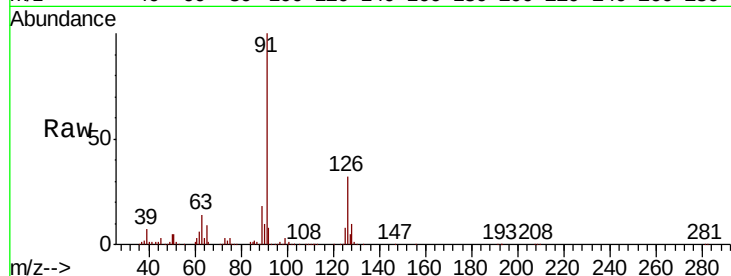
VSTDCCC050EC

Tot Ion: 91 Resp: 486608

Ion Ratio Lower Upper

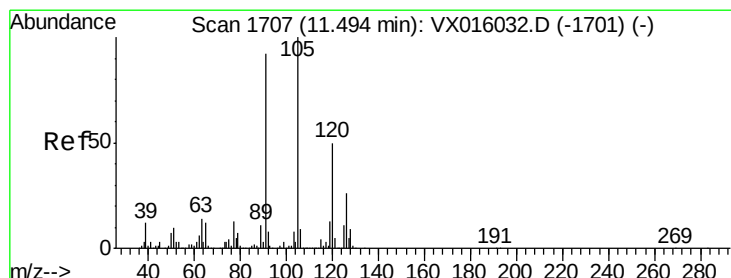
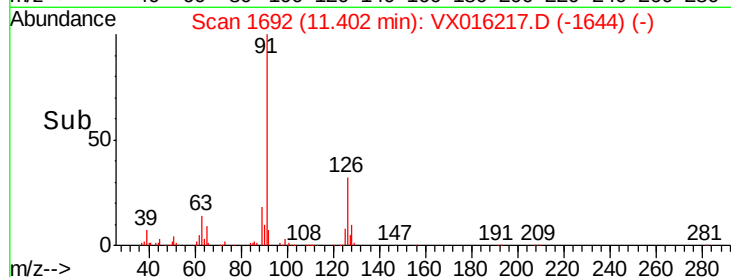
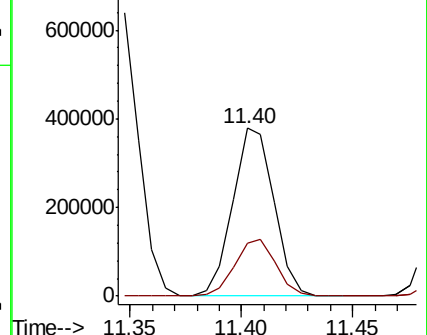
91 100

126 33.7 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016032.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.655 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016217.D

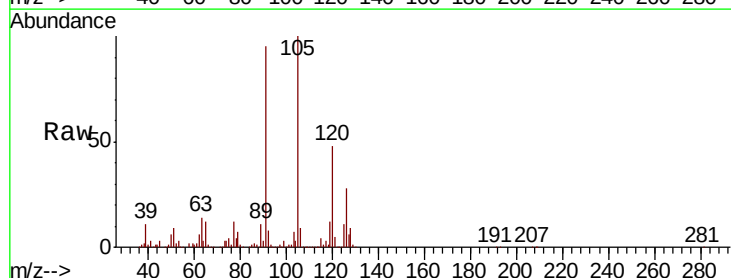
Acq: 14 May 2020 06:33

Tgt Ion: 105 Resp: 595700

Ion Ratio Lower Upper

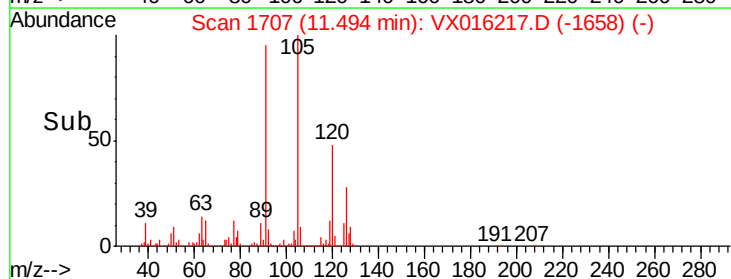
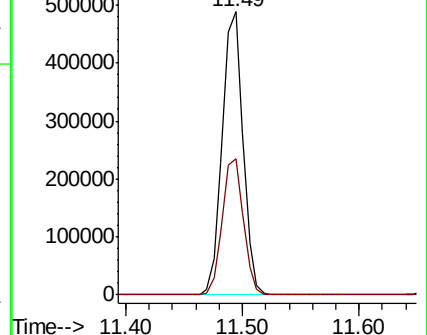
105 100

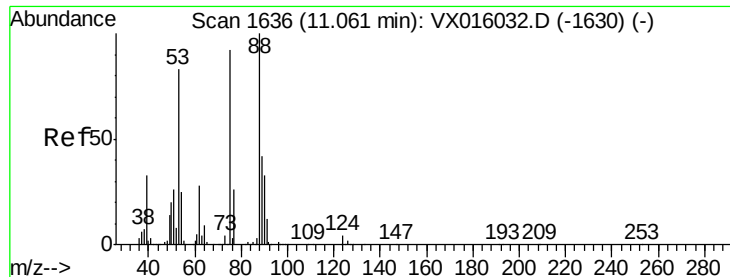
120 49.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016032.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016032.D (-1701) (-)

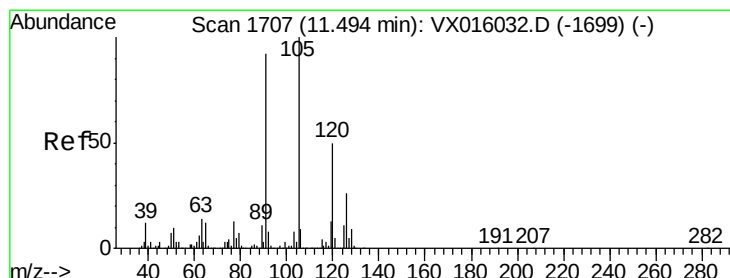
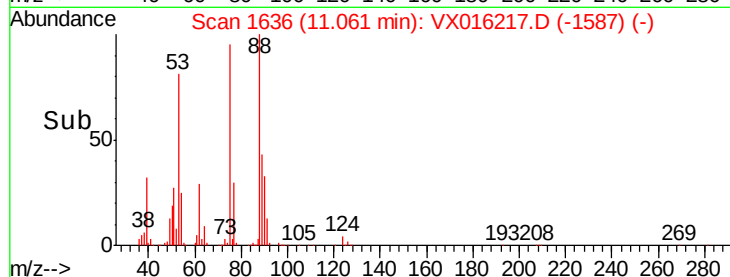
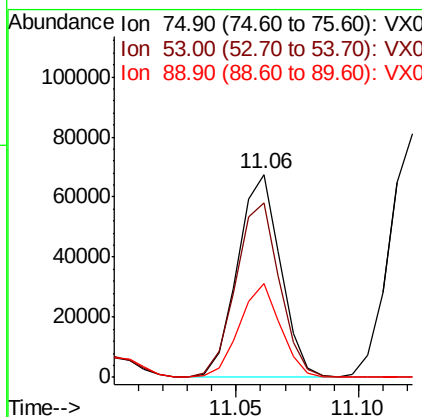
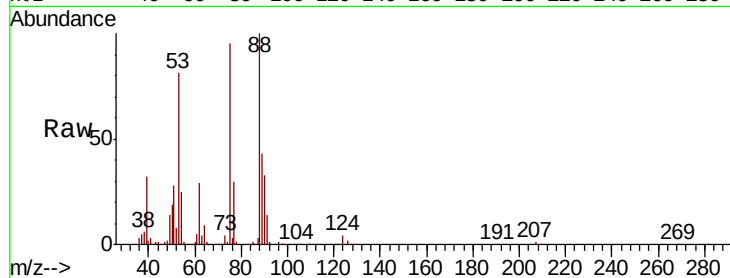




#81
trans-1,4-Dichloro-2-butene
Concen: 42.445 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

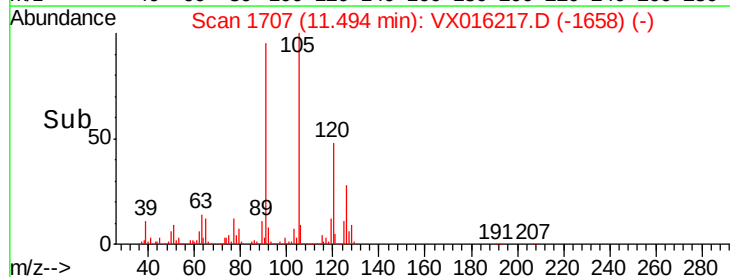
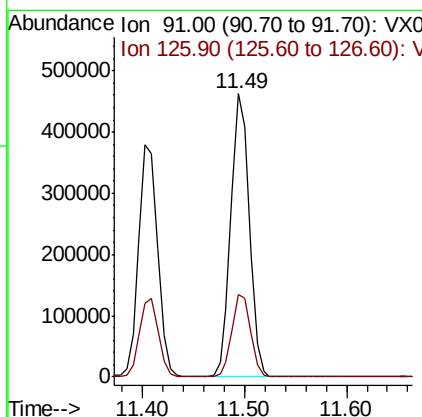
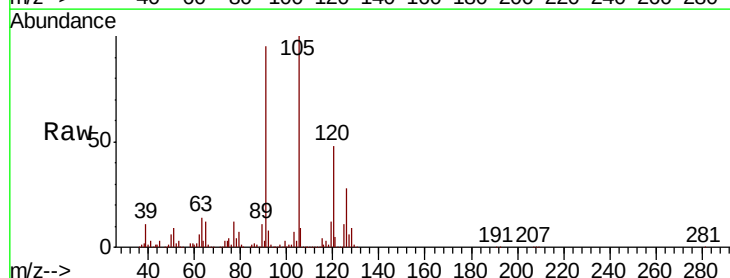
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

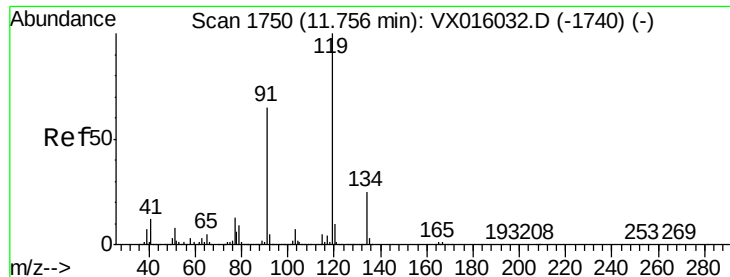
Tot Ion: 75 Resp: 82268
Ion Ratio Lower Upper
75 100
53 88.0 73.1 109.7
89 44.5 36.7 55.1



#82
4-Chlorotoluene
Concen: 47.907 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

Tgt Ion: 91 Resp: 575138
Ion Ratio Lower Upper
91 100
126 29.5 14.8 44.3





#83

tert-Butylbenzene

Concen: 48.278 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

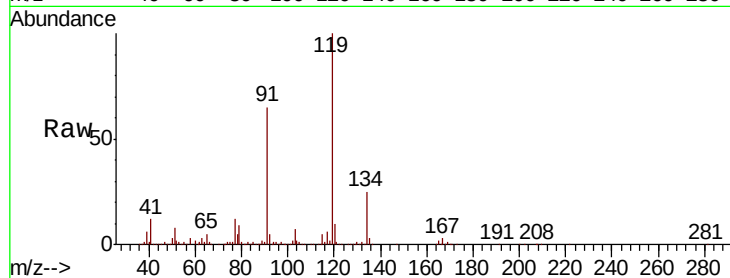
Tot Ion:119 Resp: 520074

Ion Ratio Lower Upper

119 100

91 63.6 32.8 98.4

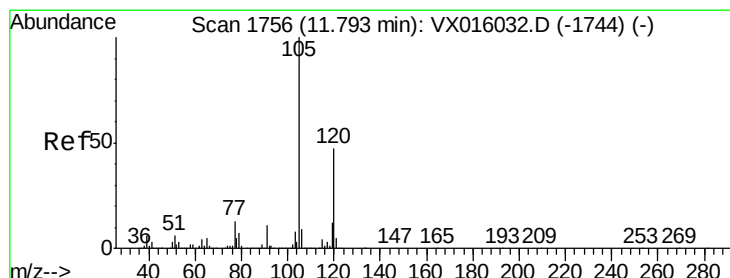
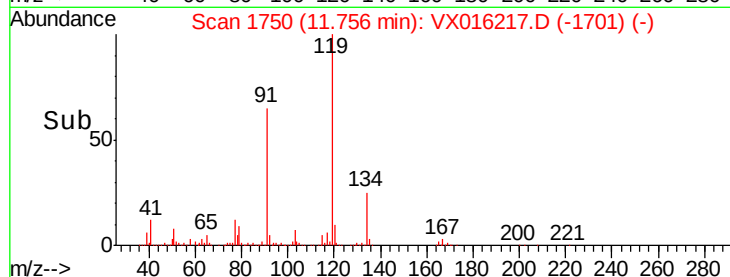
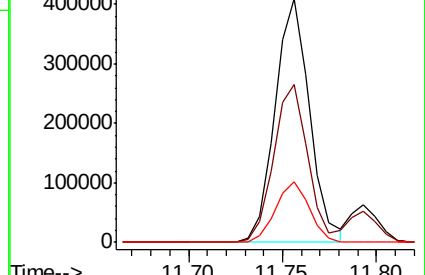
134 24.2 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.302 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016217.D

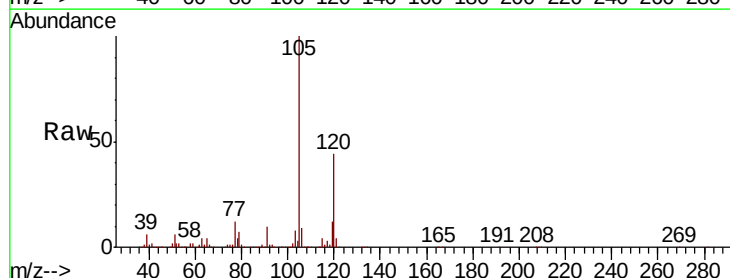
Acq: 14 May 2020 06:33

Tgt Ion:105 Resp: 610423

Ion Ratio Lower Upper

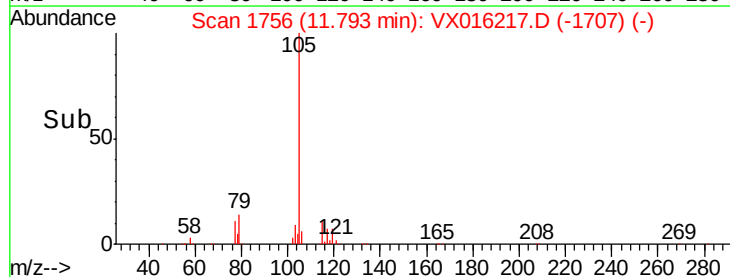
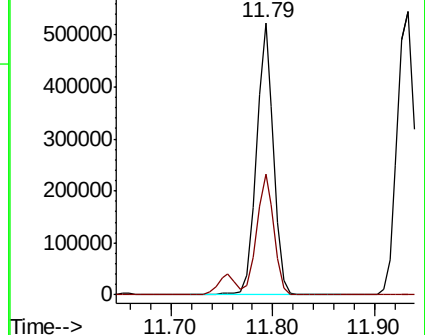
105 100

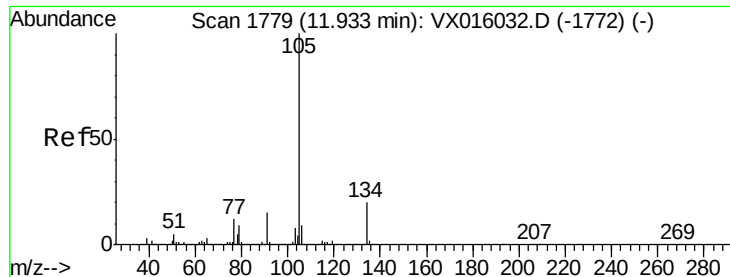
120 45.2 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 45.551 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

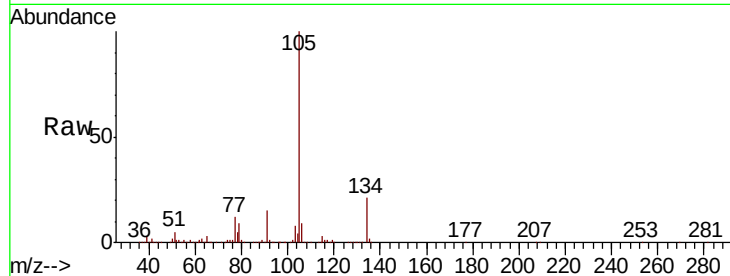
VSTDCCC050EC

Tot Ion:105 Resp: 662533

Ion Ratio Lower Upper

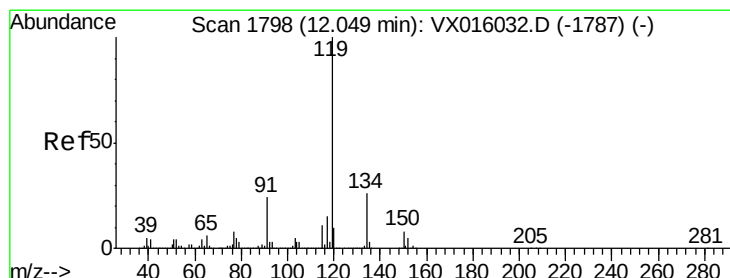
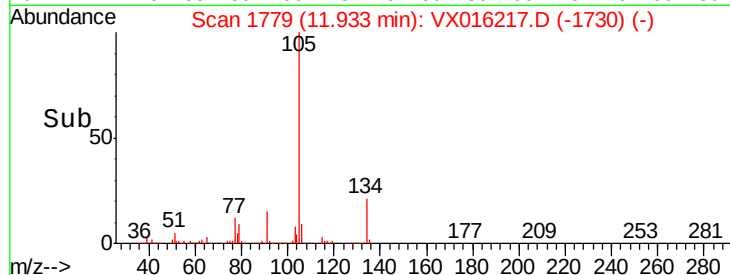
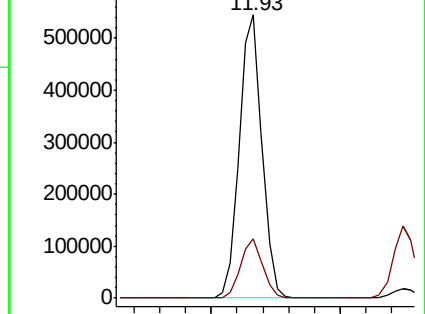
105 100

134 20.5 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.901 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

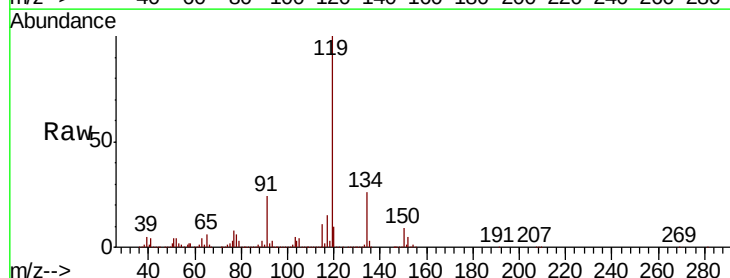
Tgt Ion:119 Resp: 619864

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

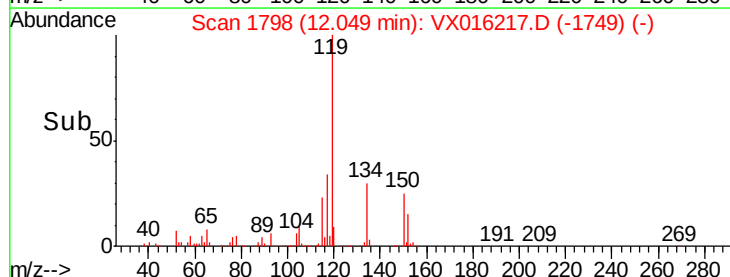
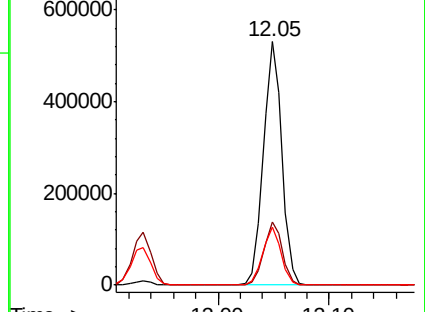
91 23.4 11.8 35.4

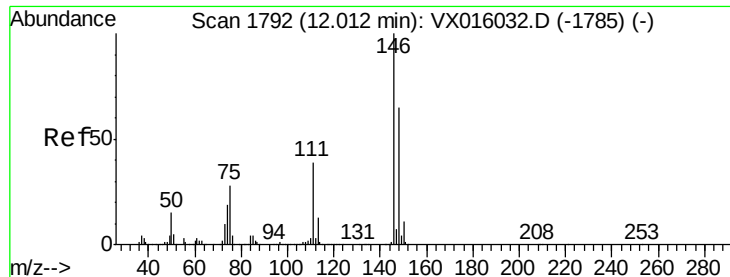


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 46.215 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

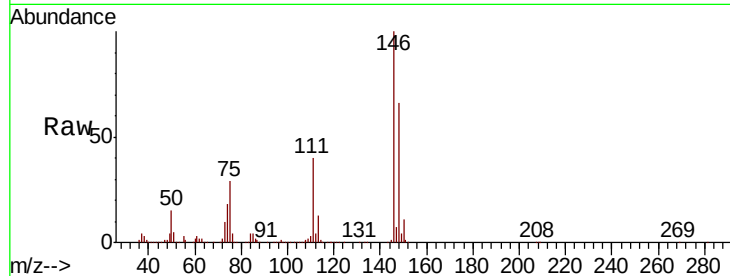
Tot Ion:146 Resp: 317101

Ion Ratio Lower Upper

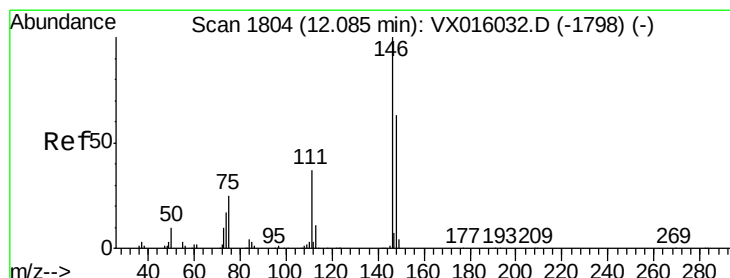
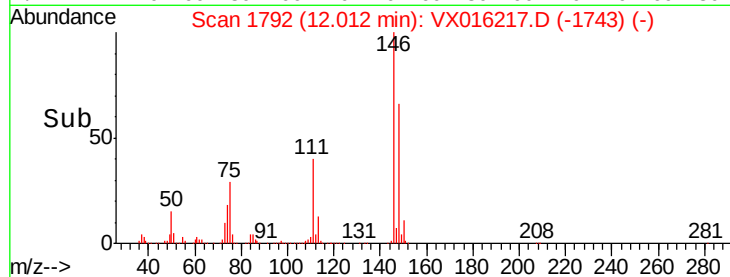
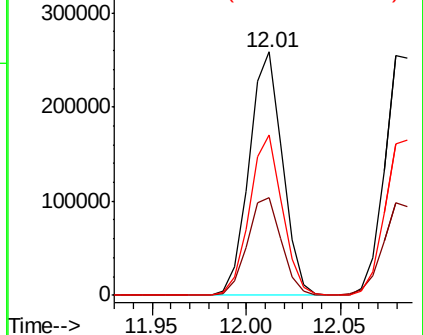
146 100

111 41.0 20.2 60.6

148 64.7 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 46.918 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

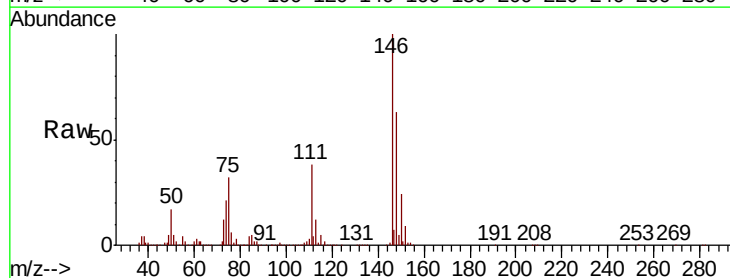
Tgt Ion:146 Resp: 326741

Ion Ratio Lower Upper

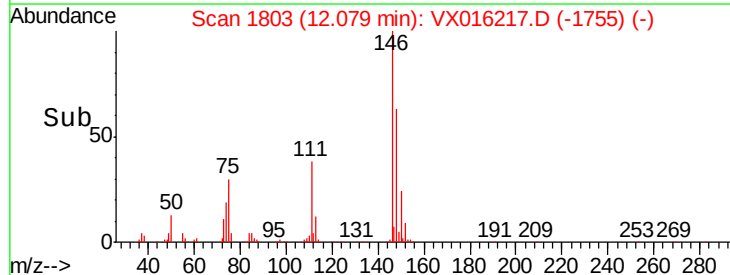
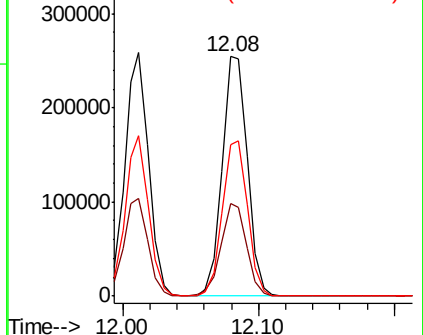
146 100

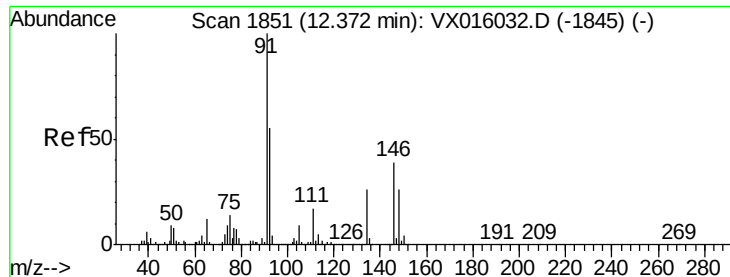
111 38.8 19.6 58.7

148 64.7 31.8 95.3



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





#89

n-Butylbenzene

Concen: 42.280 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

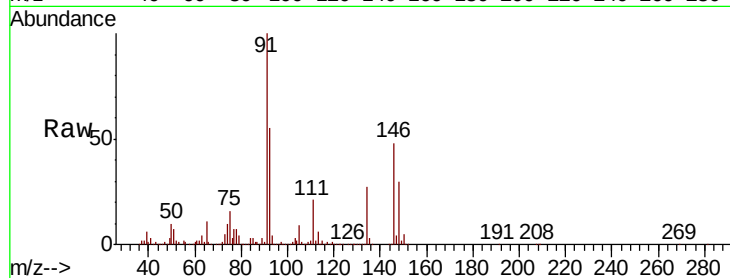
Tot Ion: 91 Resp: 521607

Ion Ratio Lower Upper

91 100

92 54.6 27.6 82.7

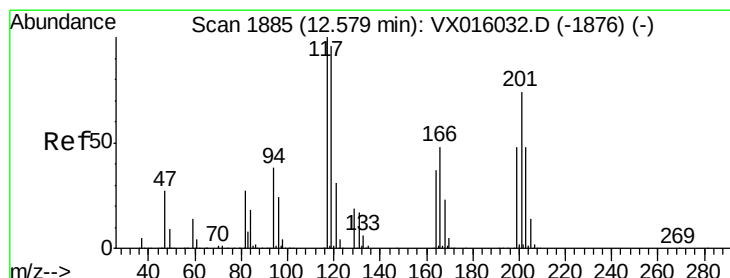
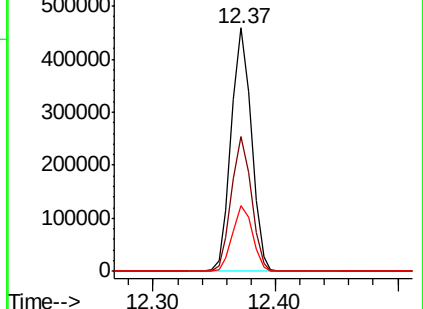
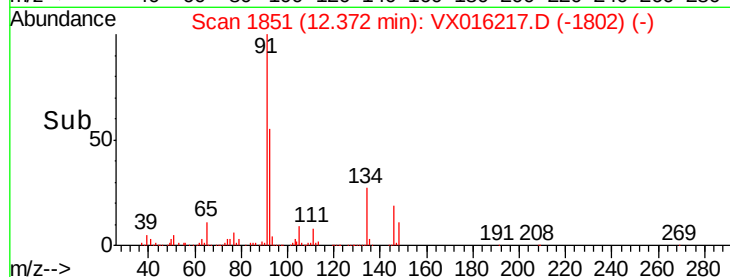
134 26.9 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX016217.D (-1845) (-)

Ion 92.00 (91.70 to 92.70): VX016217.D (-1845) (-)

Ion 134.00 (133.70 to 134.70): VX016217.D (-1845) (-)



#90

Hexachloroethane

Concen: 47.648 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016217.D

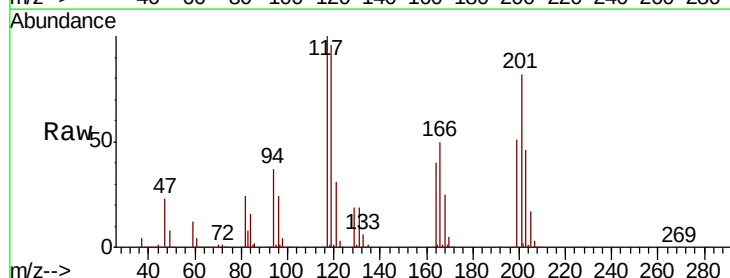
Acq: 14 May 2020 06:33

Tgt Ion: 117 Resp: 110507

Ion Ratio Lower Upper

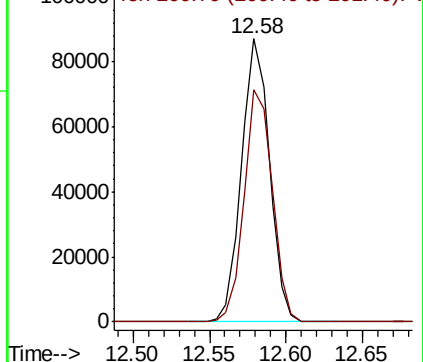
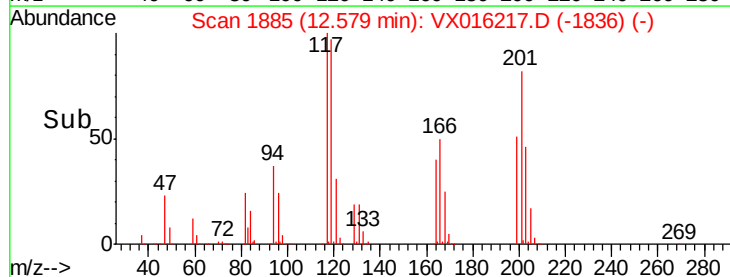
117 100

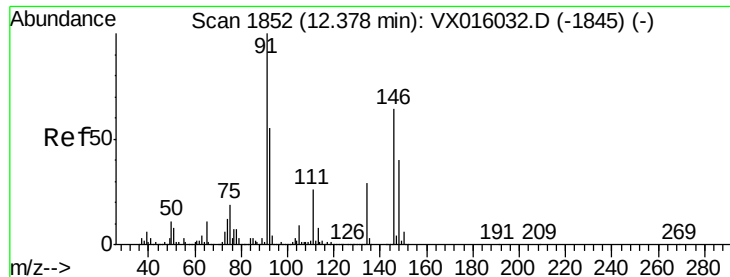
201 82.6 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): VX016217.D (-1876) (-)

Ion 200.70 (200.40 to 201.40): VX016217.D (-1876) (-)





#91

1,2-Dichlorobenzene

Concen: 47.821 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

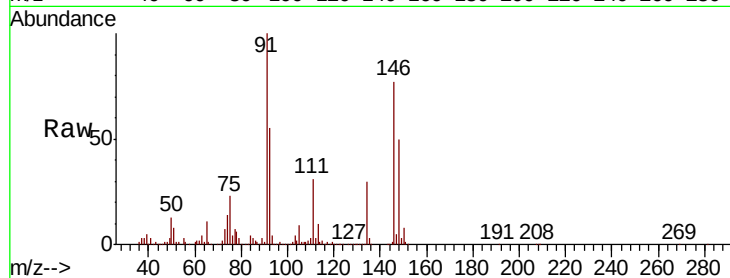
Tot Ion:146 Resp: 315947

Ion Ratio Lower Upper

146 100

111 41.9 21.1 63.1

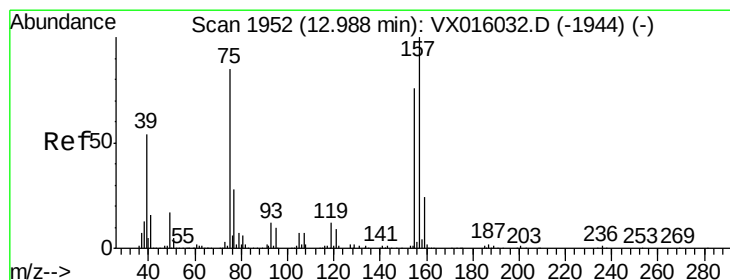
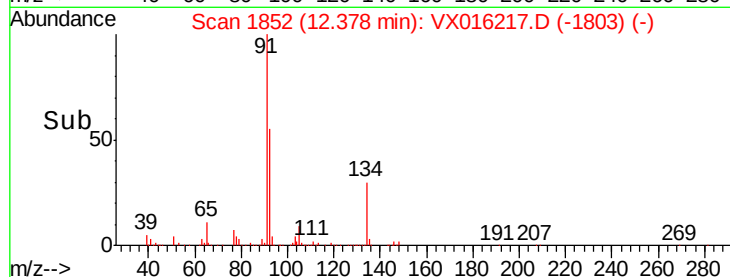
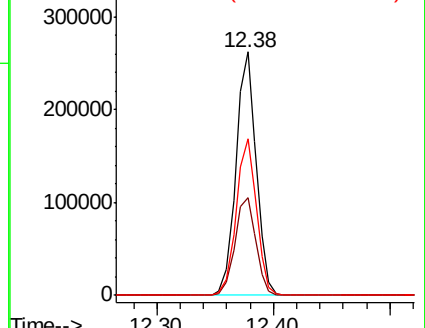
148 64.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.711 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016217.D

Acq: 14 May 2020 06:33

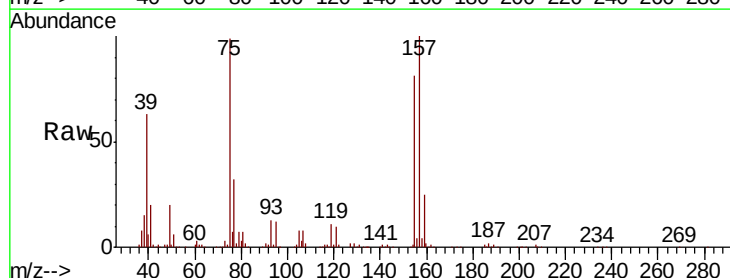
Tgt Ion: 75 Resp: 55647

Ion Ratio Lower Upper

75 100

155 89.0 42.5 127.5

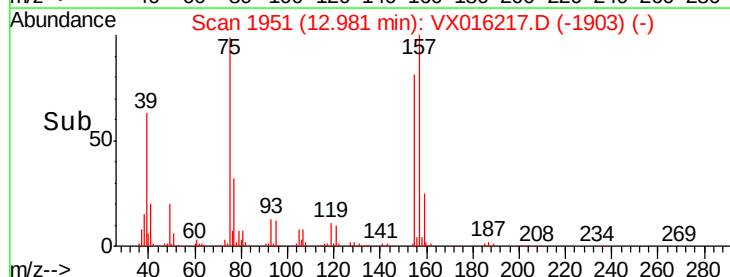
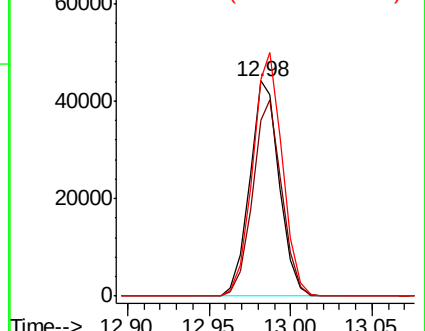
157 113.0 55.3 165.8

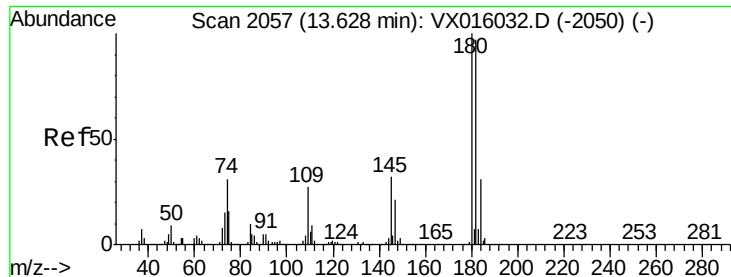


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

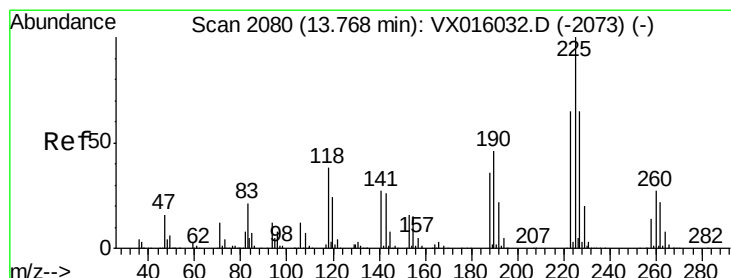
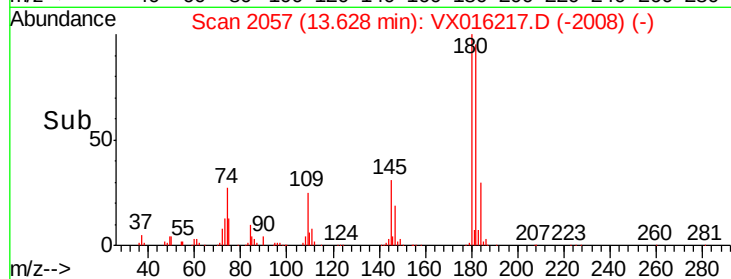
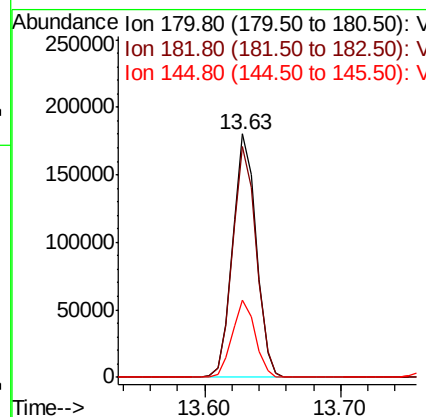
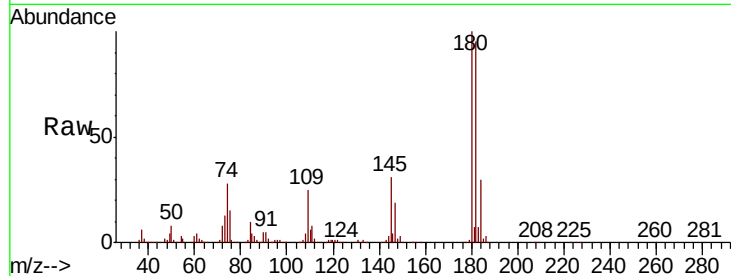




#93
 1,2,4-Trichlorobenzene
 Concen: 44.128 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016217.D
 Acq: 14 May 2020 06:33

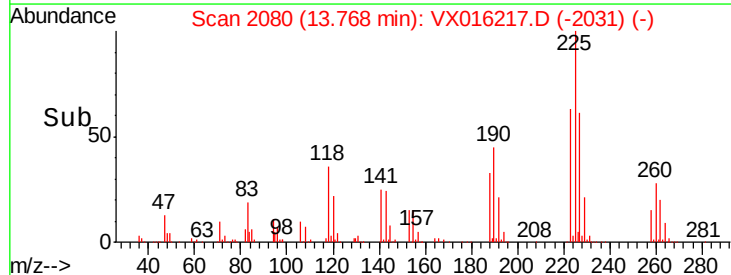
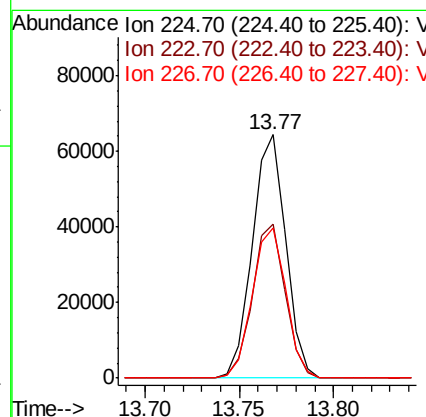
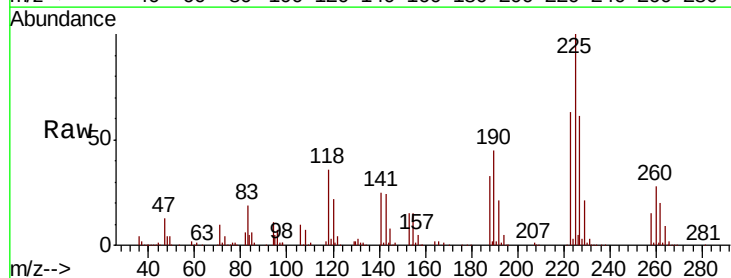
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

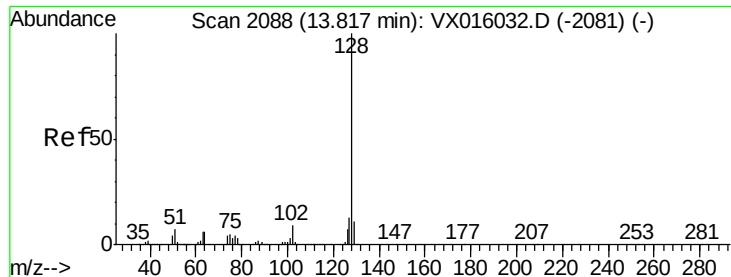
Tot Ion:180 Resp: 215849
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.7 146.1
 145 31.0 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 37.650 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016217.D
 Acq: 14 May 2020 06:33

Tgt Ion:225 Resp: 79026
 Ion Ratio Lower Upper
 225 100
 223 62.6 32.3 96.9
 227 62.3 31.8 95.4

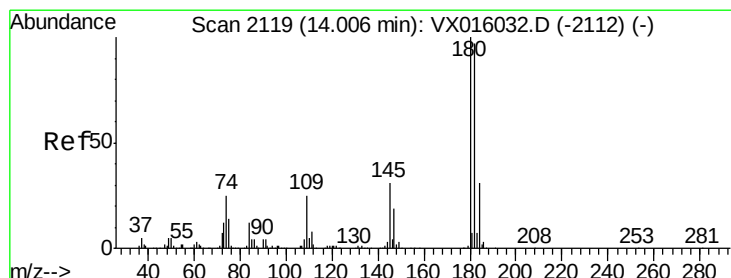
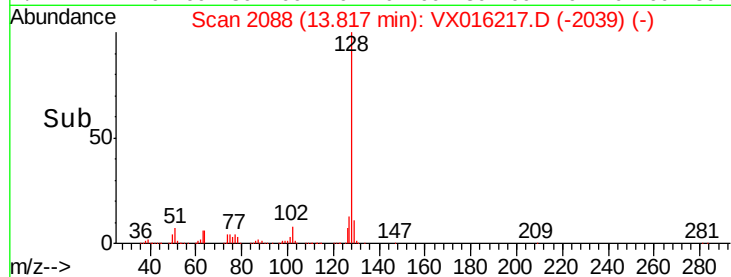
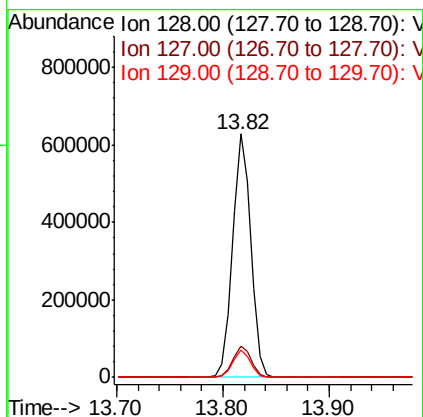
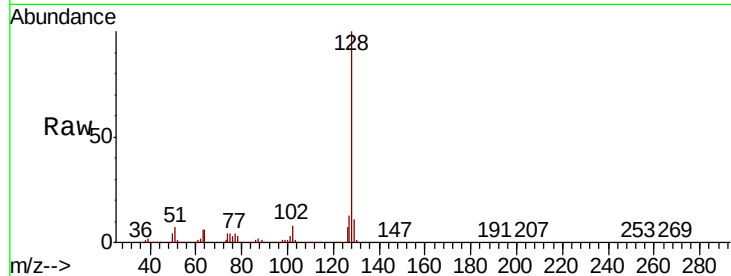




#95
Naphthalene
Concen: 47.716 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 755751
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.132 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016217.D
Acq: 14 May 2020 06:33

Tgt Ion:180 Resp: 220531
Ion Ratio Lower Upper
180 100
182 94.5 48.4 145.0
145 31.6 16.4 49.1

