

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016107.D
 Acq On : 07 May 2020 20:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 08 02:07:19 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	291345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	473240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	444014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	223751	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	196204	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
35) Dibromofluoromethane	5.47	113	152427	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
50) Toluene-d8	8.70	98	596137	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.12	95	229924	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	151093	48.996	ug/l	99
3) Chloromethane	1.31	50	164494	45.931	ug/l	100
4) Vinyl Chloride	1.39	62	177134	46.359	ug/l	100
5) Bromomethane	1.62	94	86722	45.020	ug/l	99
6) Chloroethane	1.70	64	108651	46.735	ug/l	100
7) Trichlorofluoromethane	1.91	101	234021	46.652	ug/l	100
8) Diethyl Ether	2.17	74	96187	45.509	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	136457	47.150	ug/l	99
10) Methyl Iodide	2.49	142	180537	46.441	ug/l	99
11) Tert butyl alcohol	3.02	59	230297	237.549	ug/l	100
12) 1,1-Dichloroethene	2.36	96	142002	46.888	ug/l	98
13) Acrolein	2.27	56	120460	198.562	ug/l	100
14) Allyl chloride	2.71	41	262742	47.315	ug/l	97
15) Acrylonitrile	3.12	53	490413	243.845	ug/l	99
16) Acetone	2.42	43	397800	232.549	ug/l	95
17) Carbon Disulfide	2.55	76	422526	46.443	ug/l	100
18) Methyl Acetate	2.75	43	205429	48.842	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	513452	49.180	ug/l	99
20) Methylene Chloride	2.84	84	162772	46.158	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	155630	46.113	ug/l	99
22) Diisopropyl ether	3.82	45	505819	48.283	ug/l	100
23) Vinyl Acetate	3.79	43	2272999	246.617	ug/l	100
24) 1,1-Dichloroethane	3.67	63	285603	48.735	ug/l	99
25) 2-Butanone	4.64	43	674477	244.688	ug/l	100
26) 2,2-Dichloropropane	4.55	77	228646	42.722	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	178371	48.344	ug/l	98
28) Bromochloromethane	4.98	49	126303	47.265	ug/l	99
29) Tetrahydrofuran	5.09	42	443441	242.789	ug/l	100
30) Chloroform	5.18	83	283443	48.577	ug/l	99
31) Cyclohexane	5.55	56	257921	48.427	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	255145	48.106	ug/l	99
36) 1,1-Dichloropropene	5.77	75	217132	46.611	ug/l	98
37) Ethyl Acetate	4.79	43	257550	47.701	ug/l	99
38) Carbon Tetrachloride	5.76	117	225147	47.550	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	260019	46.349	ug/l	99
40) Benzene	6.12	78	648823	47.602	ug/l	99
41) Methacrylonitrile	5.01	41	141956	48.684	ug/l	99
42) 1,2-Dichloroethane	6.17	62	229427	46.726	ug/l	100
43) Isopropyl Acetate	6.42	43	412675	47.904	ug/l	100
44) Trichloroethene	7.19	130	213956	44.185	ug/l	98
45) 1,2-Dichloropropane	7.49	63	168278	48.792	ug/l	99
46) Dibromomethane	7.64	93	111262	47.471	ug/l	99
47) Bromodichloromethane	7.88	83	232095	48.622	ug/l	99
48) Methyl methacrylate	7.75	41	196611	48.165	ug/l	98
49) 1,4-Dioxane	7.71	88	93169	951.673	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1293060	245.286	ug/l	99
52) Toluene	8.77	92	411543	48.440	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	268523	47.180	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	281224	47.306	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	163879	49.027	ug/l	98
56) Ethyl methacrylate	9.16	69	274964	50.395	ug/l	98
57) 1,3-Dichloropropane	9.35	76	282761	48.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	722117	248.600	ug/l	100
59) 2-Hexanone	9.48	43	1015816	245.370	ug/l	99
60) Dibromochloromethane	9.57	129	183500	49.845	ug/l	100
61) 1,2-Dibromoethane	9.66	107	176023	48.617	ug/l	100
64) Tetrachloroethene	9.32	164	245716	45.079	ug/l	96
65) Chlorobenzene	10.12	112	432710	46.542	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	165279	48.098	ug/l	99
67) Ethyl Benzene	10.24	91	777737	46.884	ug/l	100
68) m/p-Xylenes	10.34	106	594551	95.663	ug/l	100
69) o-Xylene	10.68	106	289091	48.390	ug/l	98
70) Styrene	10.69	104	493583	48.700	ug/l	100
71) Bromoform	10.84	173	138564	49.493	ug/l #	99
73) Isopropylbenzene	11.01	105	768830	47.242	ug/l	99
74) N-amyl acetate	10.88	43	357906	47.148	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	170803	53.032	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	327275	64.457	ug/l	83
77) Bromobenzene	11.24	156	193899	46.159	ug/l	99
78) n-propylbenzene	11.35	91	886767	46.838	ug/l	100
79) 2-Chlorotoluene	11.41	91	523652	46.857	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	644691	46.918	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	99051	46.489	ug/l	99
82) 4-Chlorotoluene	11.49	91	616621	46.725	ug/l	100
83) tert-Butylbenzene	11.76	119	566398	47.830	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	659755	47.492	ug/l	98
85) sec-Butylbenzene	11.93	105	743101	46.477	ug/l	99
86) p-Isopropyltoluene	12.05	119	697236	46.969	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	339368	44.994	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	346286	45.234	ug/l	99
89) n-Butylbenzene	12.37	91	620906	45.785	ug/l	100
90) Hexachloroethane	12.58	117	123361	48.388	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	333930	45.979	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	62008	46.337	ug/l	99

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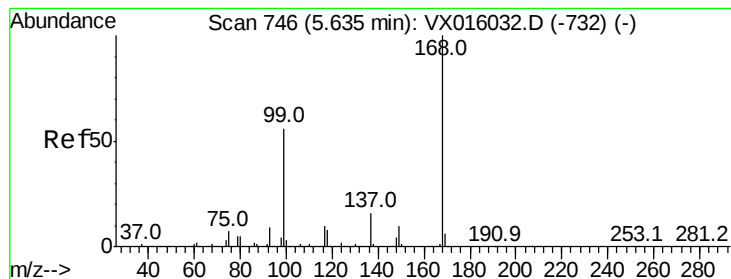
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	246658	45.873	ug/l	98
94) Hexachlorobutadiene	13.77	225	107447	46.444	ug/l	99
95) Naphthalene	13.82	128	827323	47.518	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	243665	46.368	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

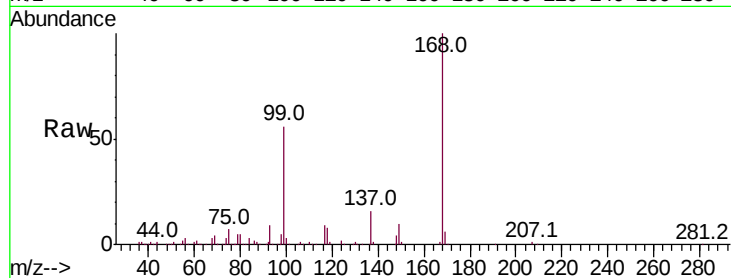
VSTDCCC050EC

Tot Ion:168 Resp: 291345

Ion Ratio Lower Upper

168 100

99 55.7 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

120000

100000

80000

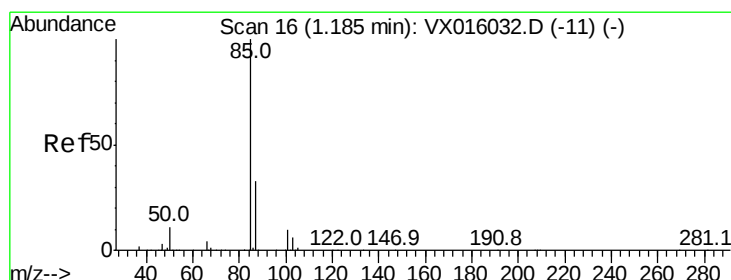
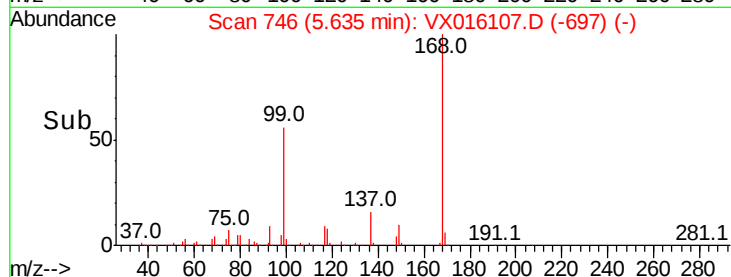
60000

40000

20000

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Time-->



#2

Dichlorodifluoromethane

Concen: 48.996 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016107.D

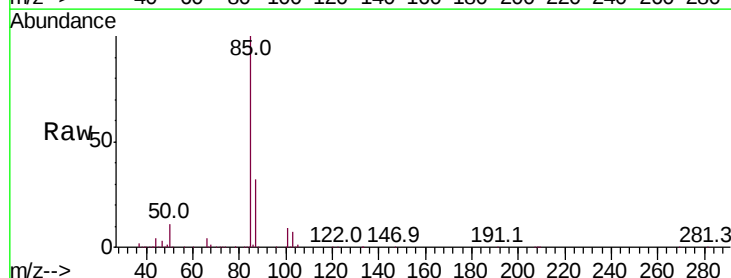
Acq: 07 May 2020 20:13

Tgt Ion: 85 Resp: 151093

Ion Ratio Lower Upper

85 100

87 31.9 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

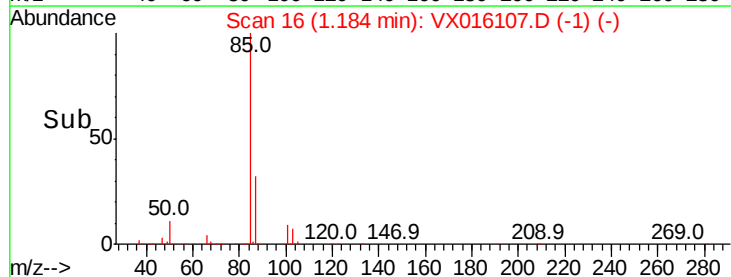
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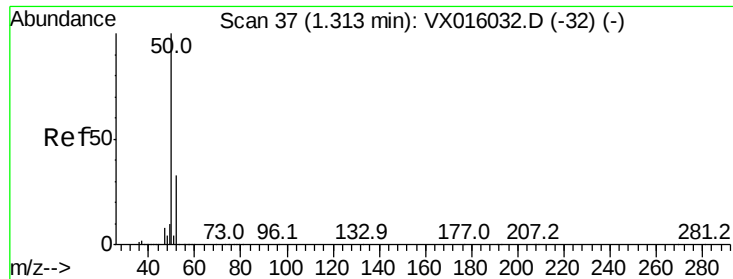
100000

50000

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Time-->





#3

Chloromethane

Concen: 45.931 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

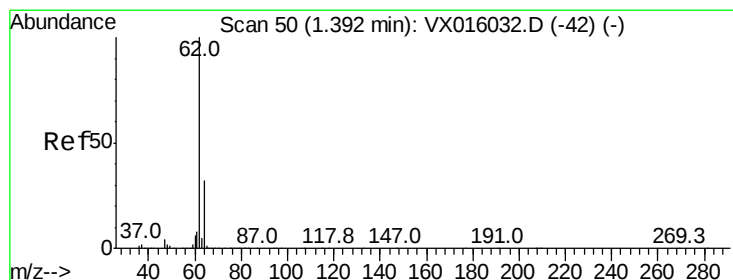
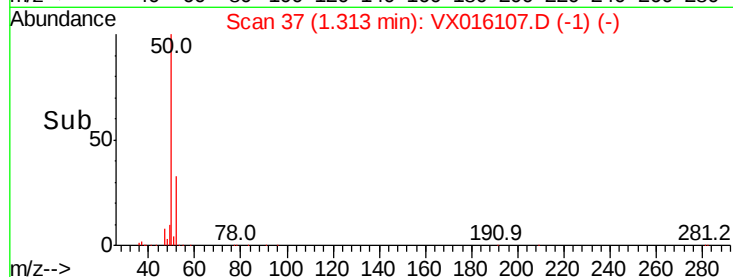
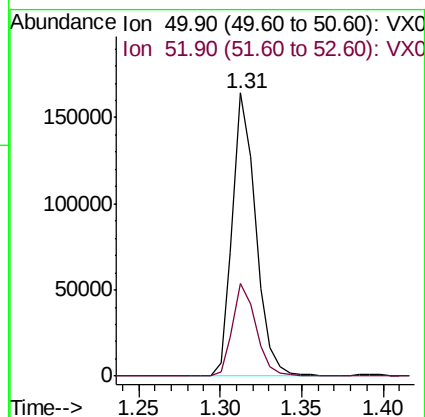
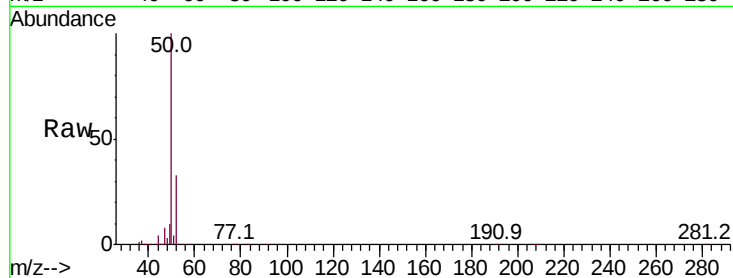
VSTDCCC050EC

Tot Ion: 50 Resp: 164494

Ion Ratio Lower Upper

50 100

52 32.5 26.1 39.1



#4

Vinyl Chloride

Concen: 46.359 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016107.D

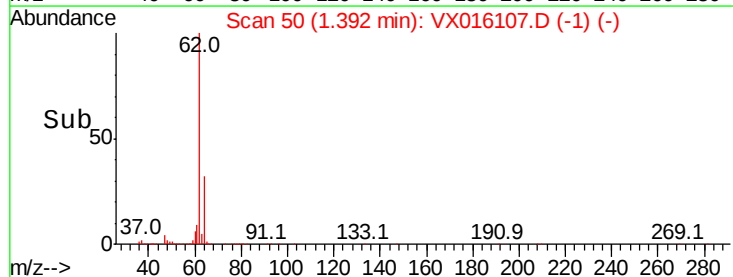
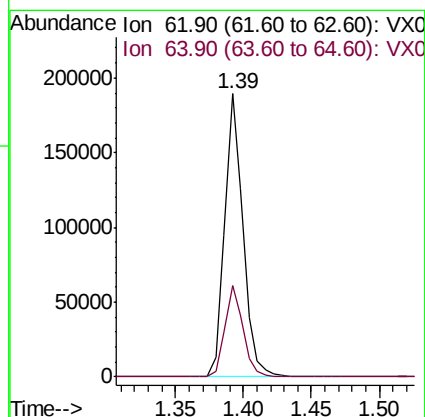
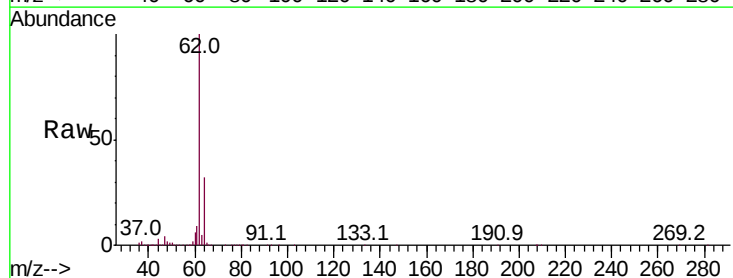
Acq: 07 May 2020 20:13

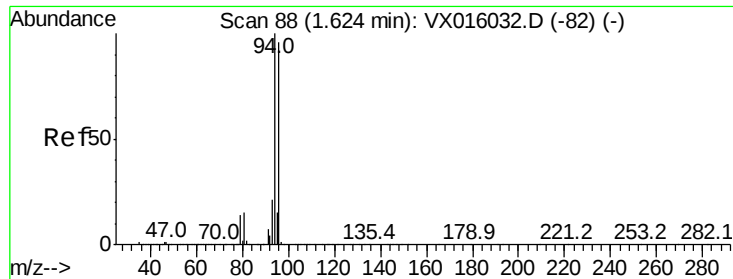
Tgt Ion: 62 Resp: 177134

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 45.020 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

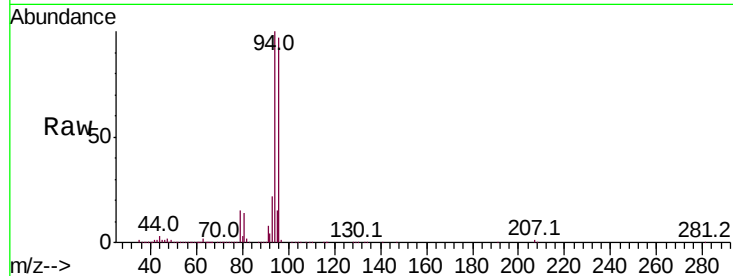
VSTDCCC050EC

Tot Ion: 94 Resp: 86722

Ion Ratio Lower Upper

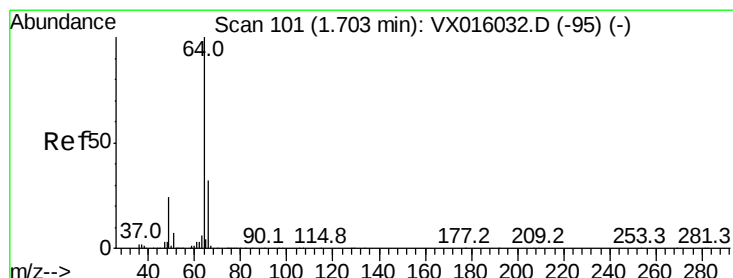
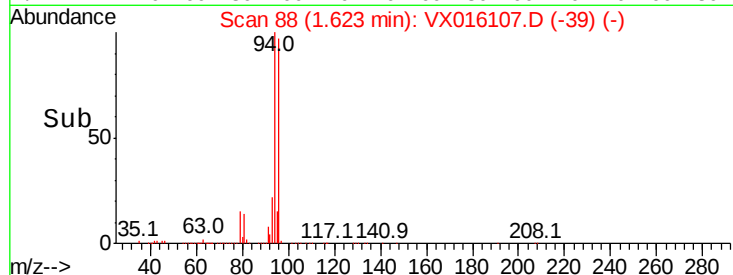
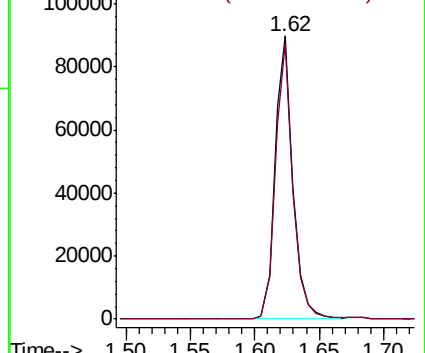
94 100

96 97.4 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: 46.735 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016107.D

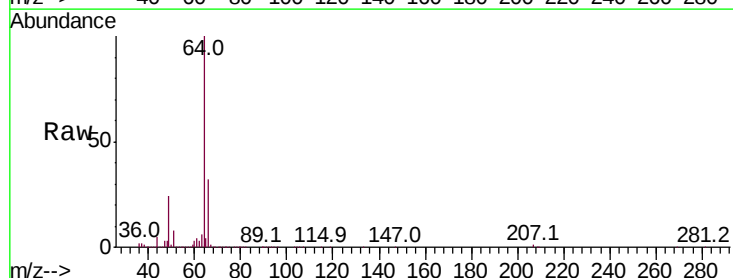
Acq: 07 May 2020 20:13

Tgt Ion: 64 Resp: 108651

Ion Ratio Lower Upper

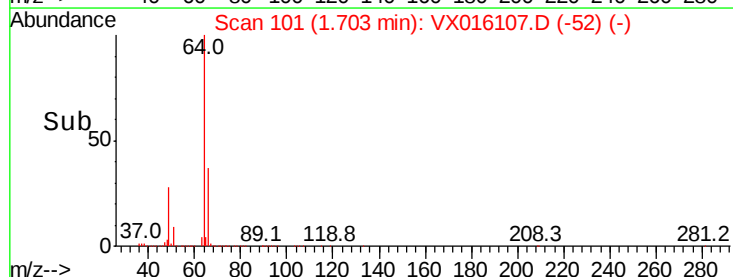
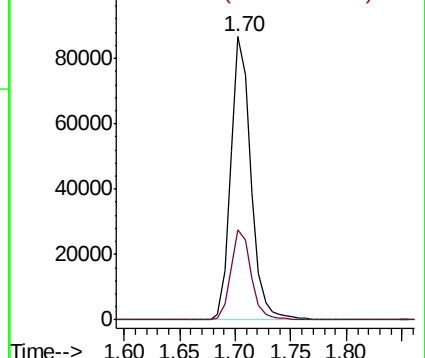
64 100

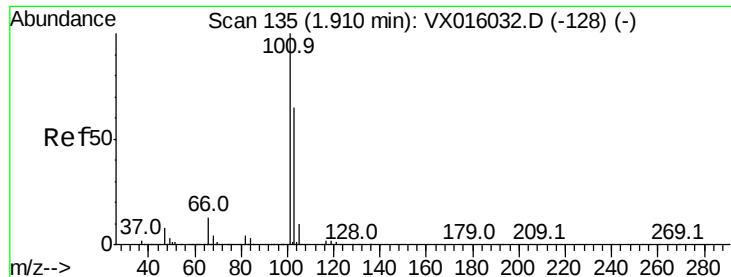
66 31.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



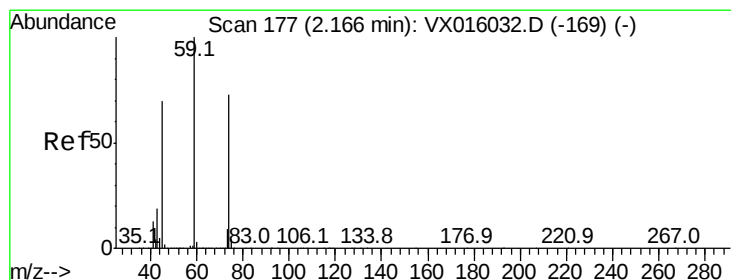
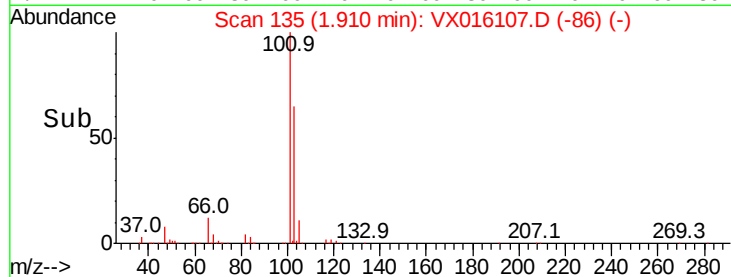
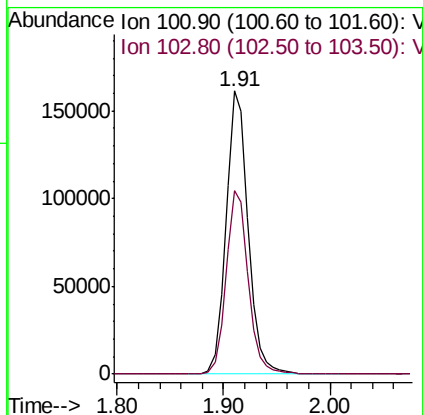
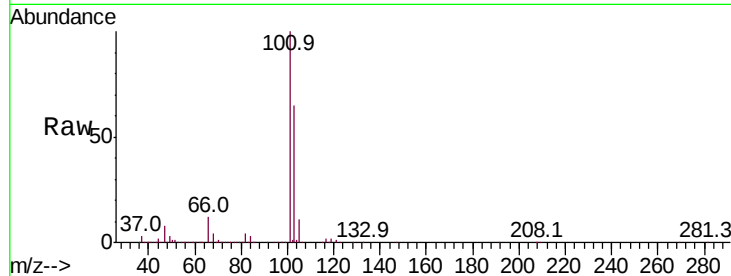


#7

Trichlorofluoromethane
 Concen: 46.652 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

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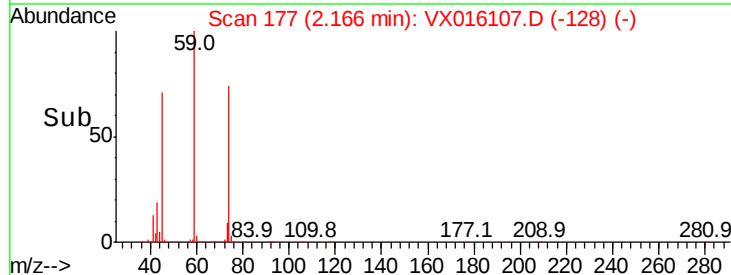
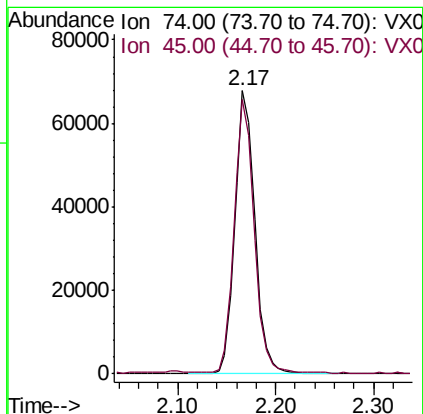
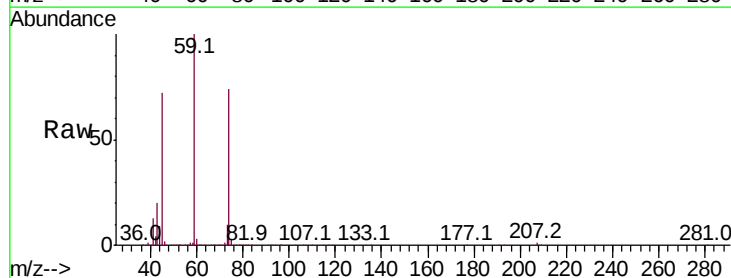
Tot Ion:101 Resp: 234021
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.8 77.6

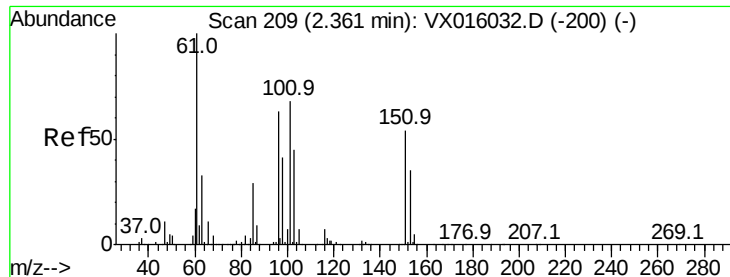


#8

Diethyl Ether
 Concen: 45.509 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Tgt Ion: 74 Resp: 96187
 Ion Ratio Lower Upper
 74 100
 45 96.9 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.150 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

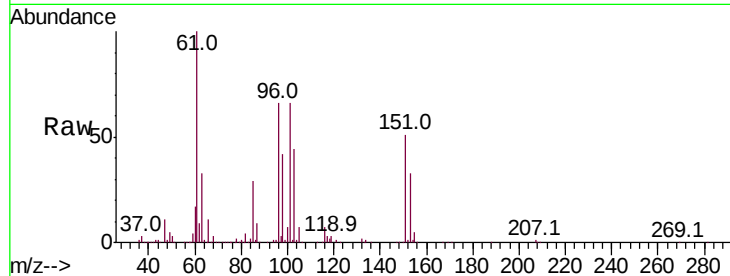
Tot Ion:101 Resp: 136457

Ion Ratio Lower Upper

101 100

85 43.6 34.2 51.4

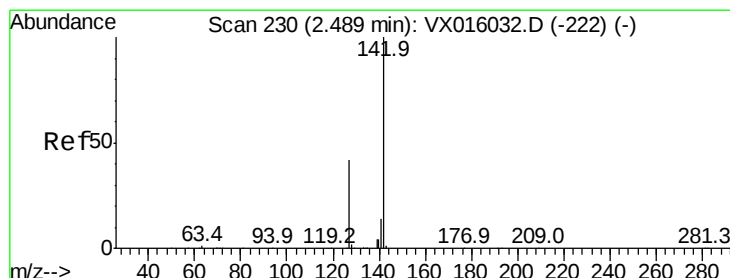
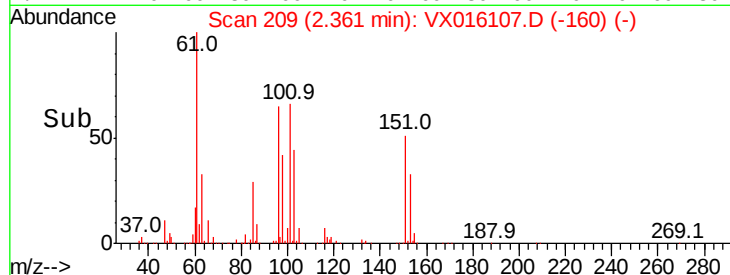
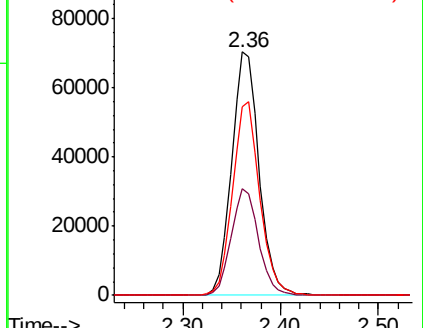
151 78.8 62.1 93.1



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: 46.441 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

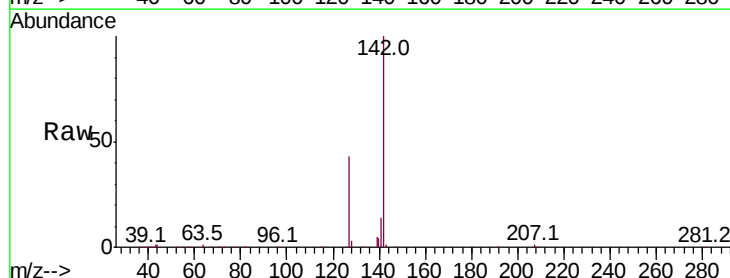
Tgt Ion:142 Resp: 180537

Ion Ratio Lower Upper

142 100

127 42.9 34.6 52.0

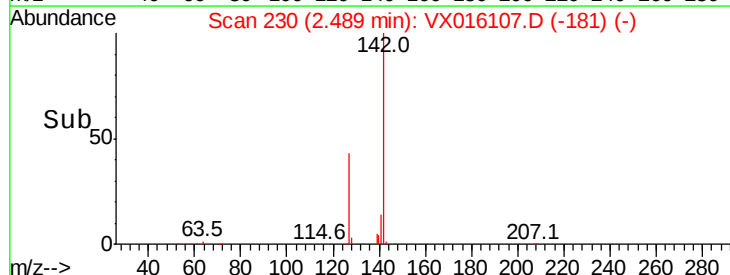
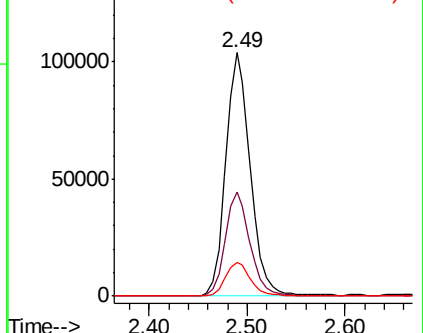
141 14.2 11.3 16.9

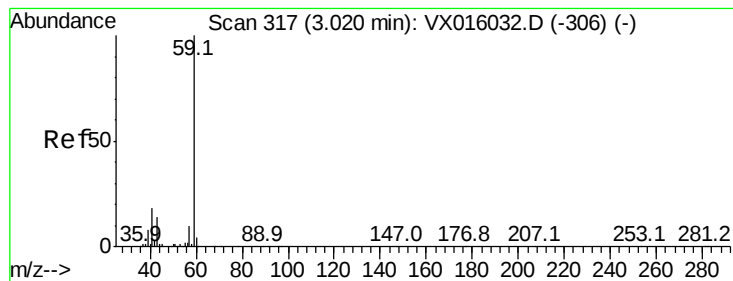


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



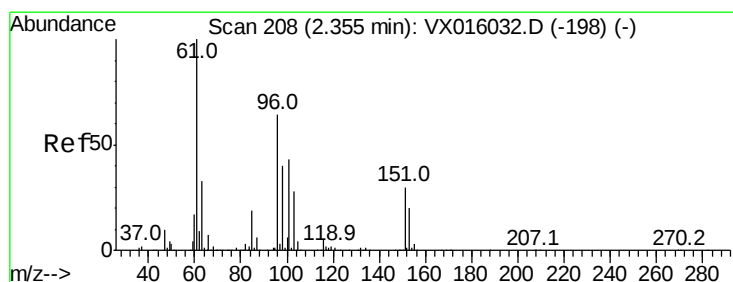
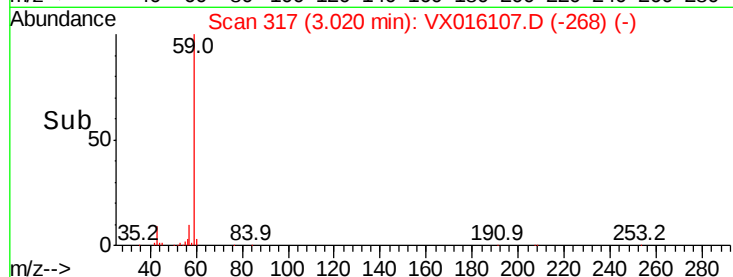
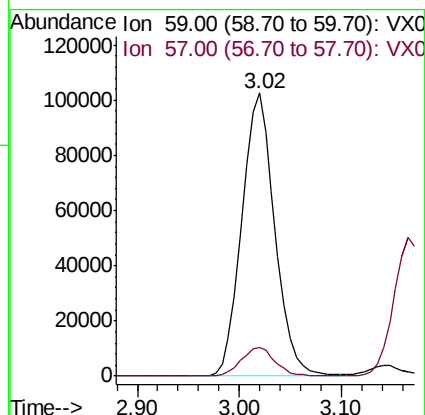
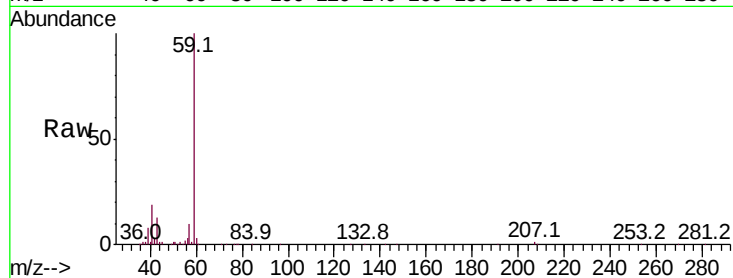


#11

Tert butyl alcohol
 Concen: 237.549 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

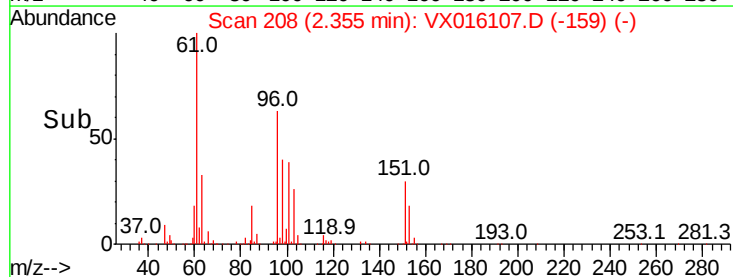
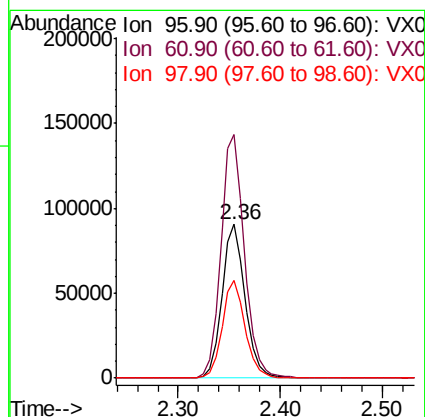
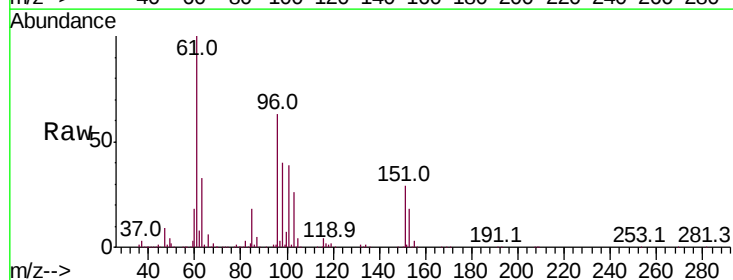
Tot Ion: 59 Resp: 230297
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

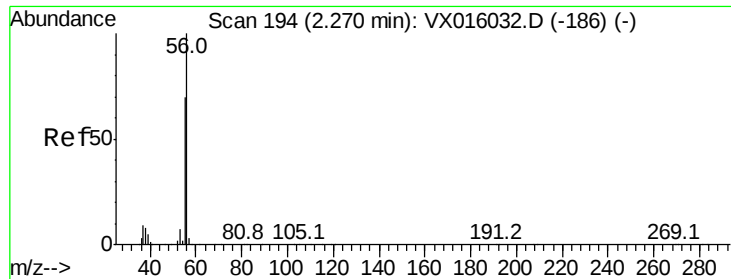


#12

1,1-Dichloroethene
 Concen: 46.888 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Tgt Ion: 96 Resp: 142002
 Ion Ratio Lower Upper
 96 100
 61 158.8 124.8 187.2
 98 63.8 49.7 74.5





#13

Acrolein

Concen: 198.562 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

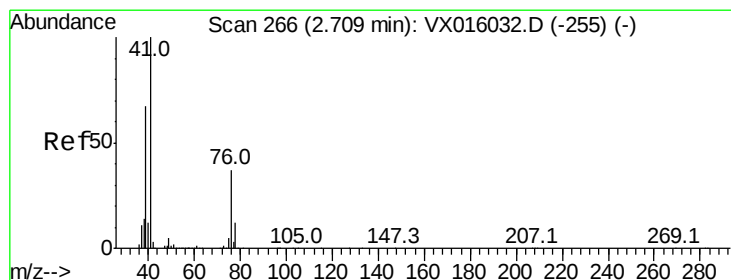
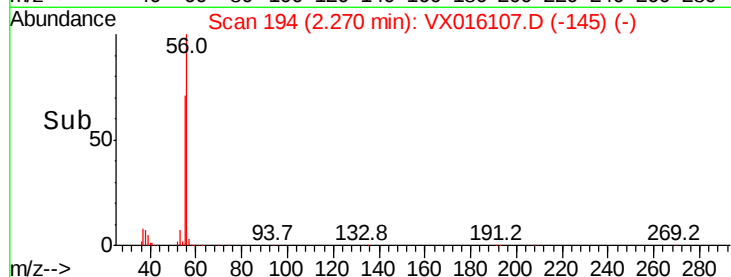
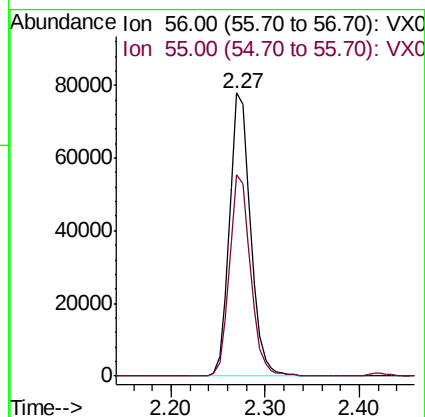
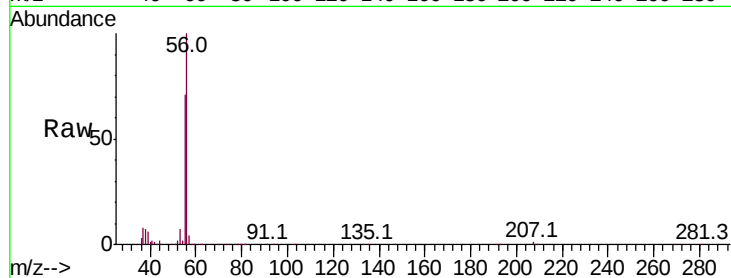
VSTDCCC050EC

Tot Ion: 56 Resp: 120460

Ion Ratio Lower Upper

56 100

55 70.7 56.5 84.7



#14

Allyl chloride

Concen: 47.315 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

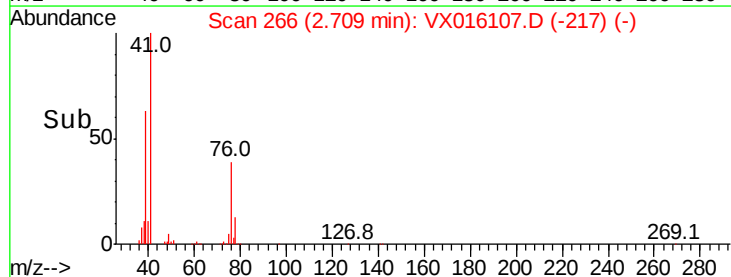
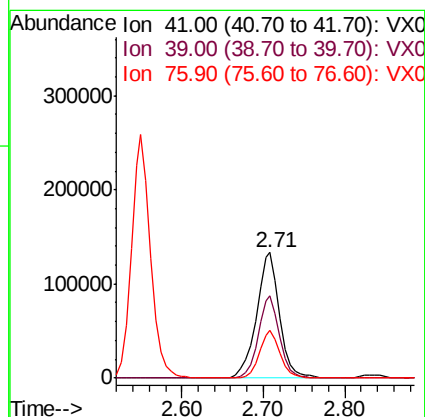
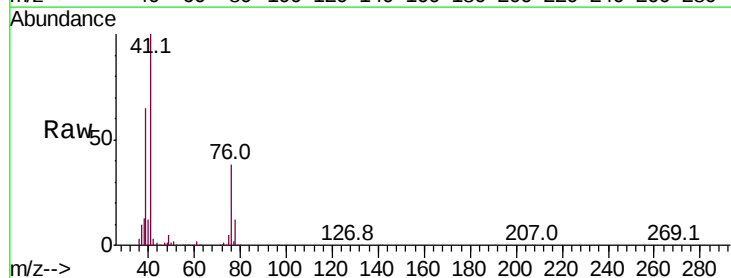
Tgt Ion: 41 Resp: 262742

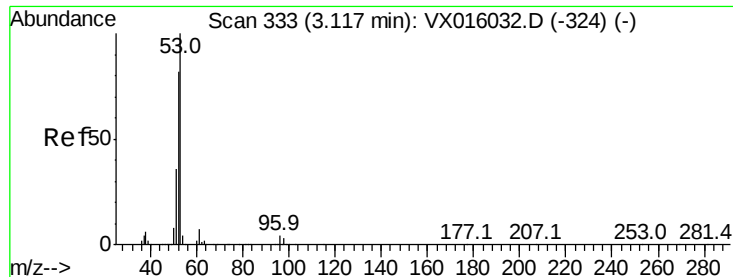
Ion Ratio Lower Upper

41 100

39 60.4 50.5 75.7

76 33.8 26.6 40.0





#15

Acrylonitrile

Concen: 243.845 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

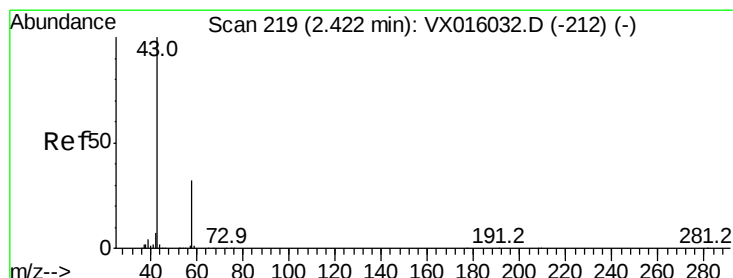
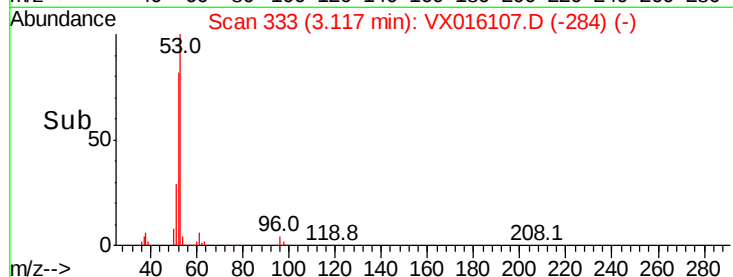
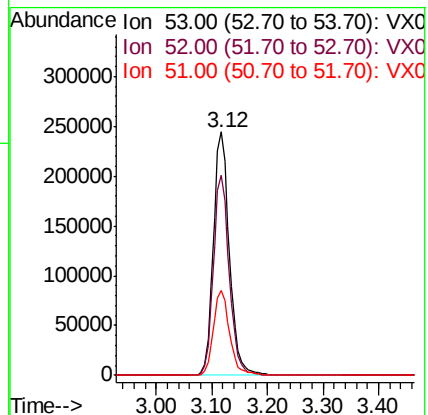
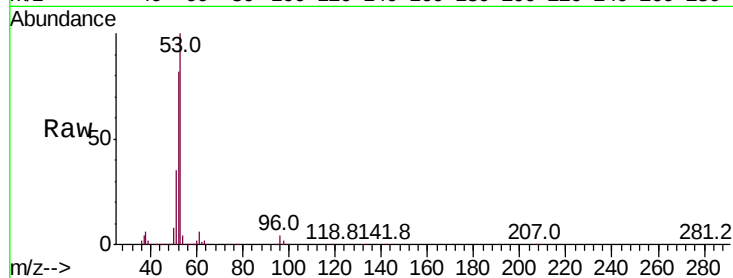
Tot Ion: 53 Resp: 490413

Ion Ratio Lower Upper

53 100

52 81.5 66.1 99.1

51 35.4 28.8 43.2



#16

Acetone

Concen: 232.549 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016107.D

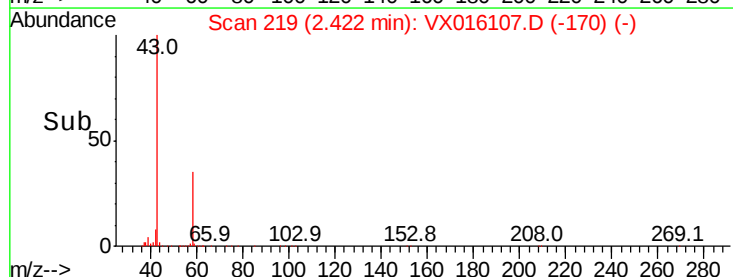
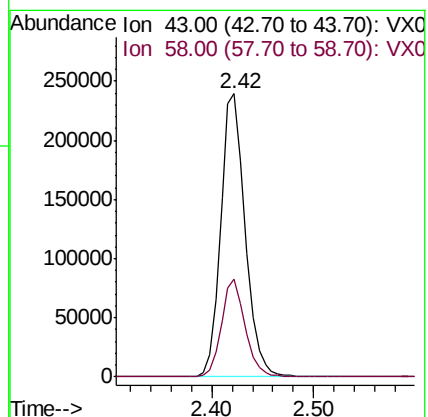
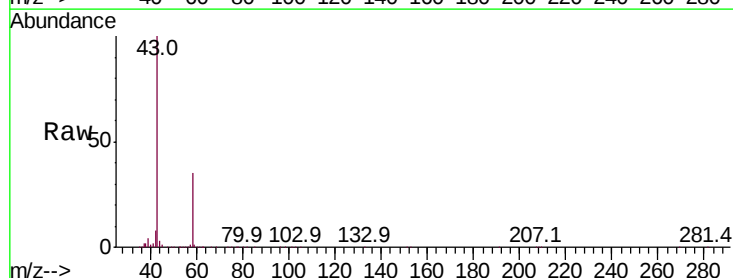
Acq: 07 May 2020 20:13

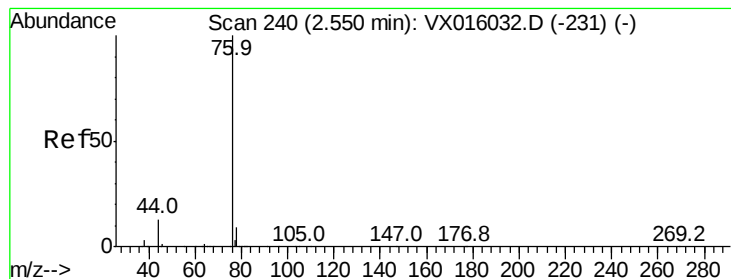
Tgt Ion: 43 Resp: 397800

Ion Ratio Lower Upper

43 100

58 34.6 25.4 38.0





#17

Carbon Disulfide

Concen: 46.443 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

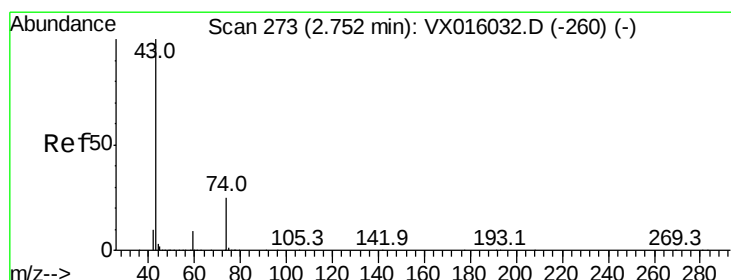
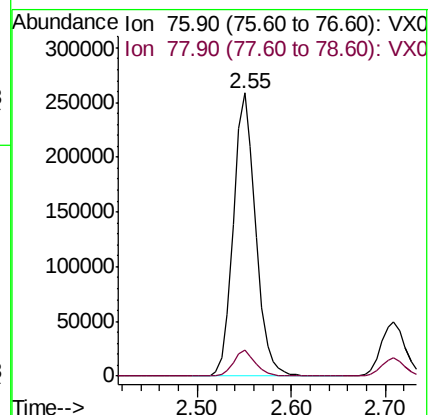
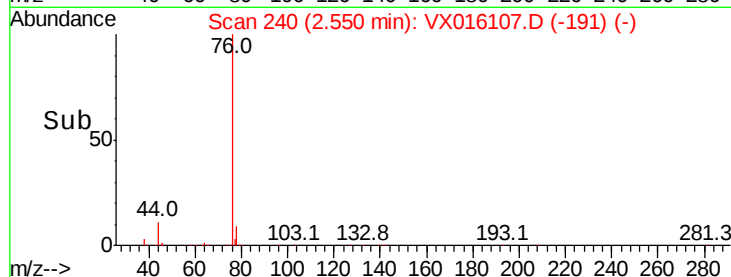
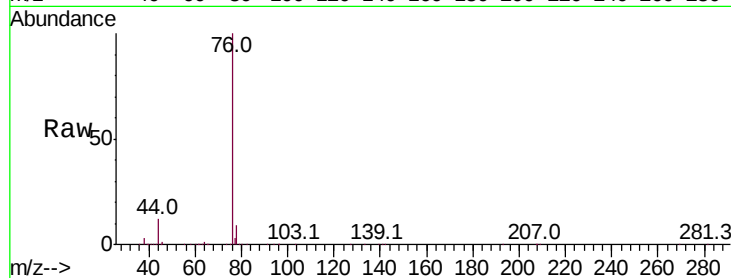
VSTDCCC050EC

Tot Ion: 76 Resp: 422526

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



#18

Methyl Acetate

Concen: 48.842 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016107.D

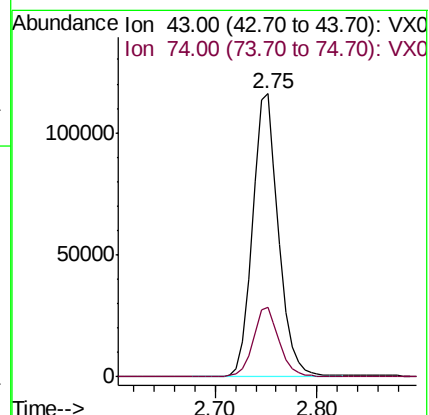
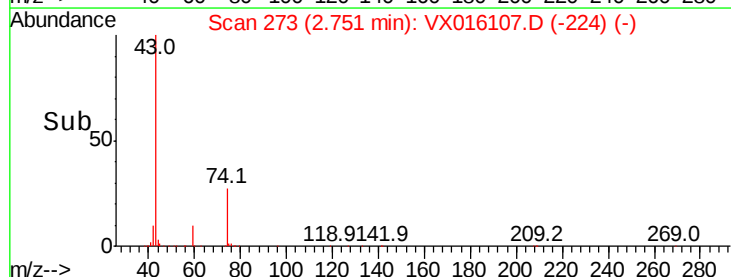
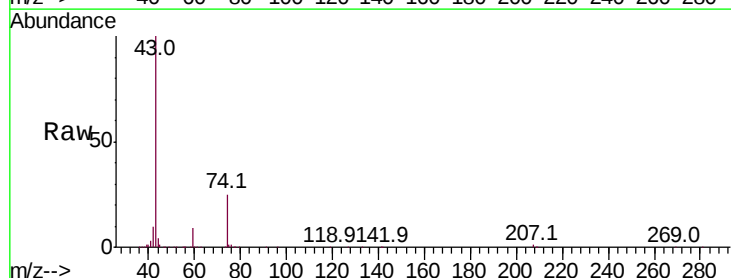
Acq: 07 May 2020 20:13

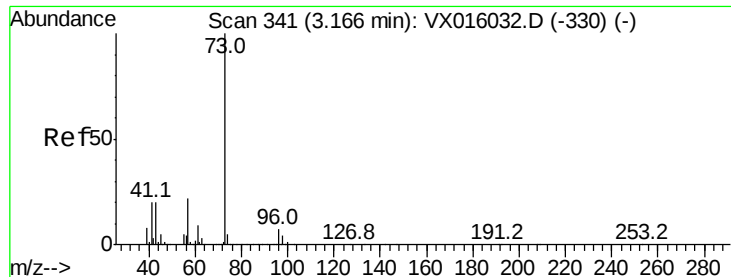
Tgt Ion: 43 Resp: 205429

Ion Ratio Lower Upper

43 100

74 25.0 20.2 30.2



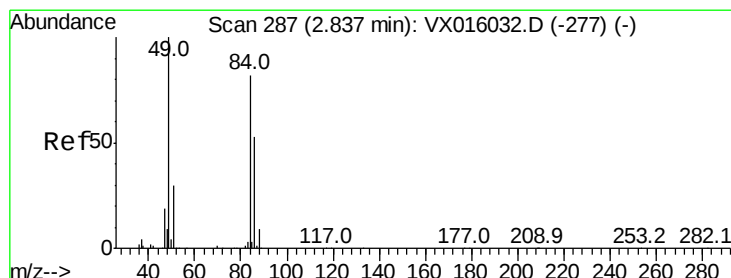
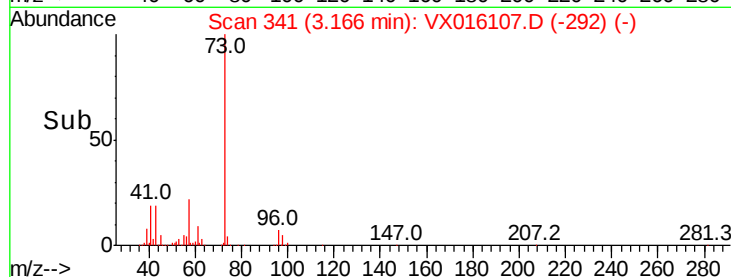
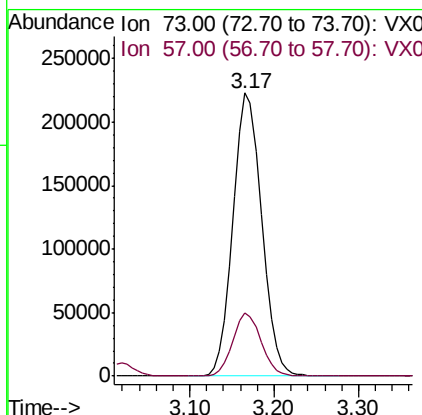
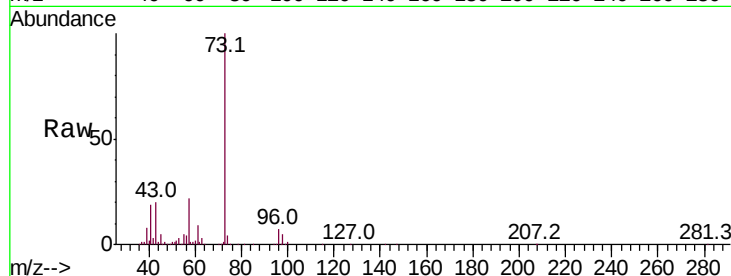


#19

Methyl tert-butyl Ether
 Concen: 49.180 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

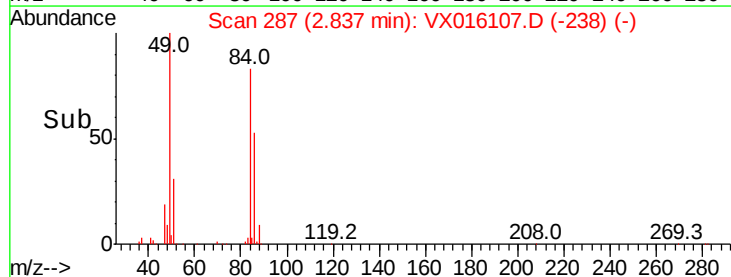
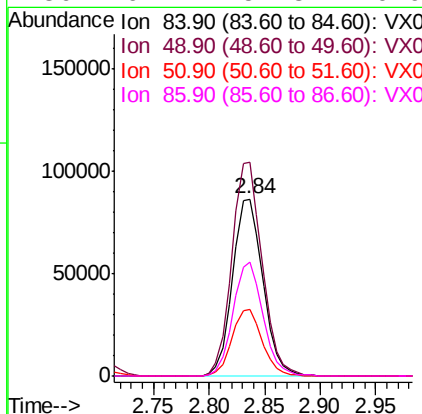
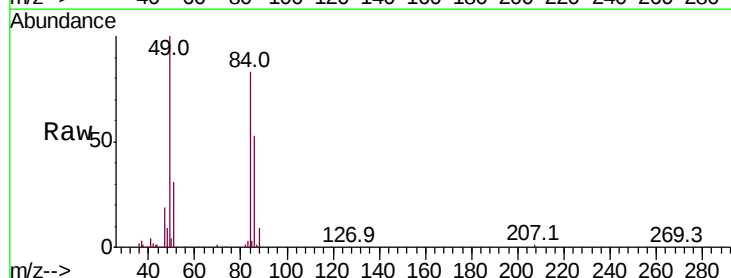
Tot Ion: 73 Resp: 513452
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.8 26.6

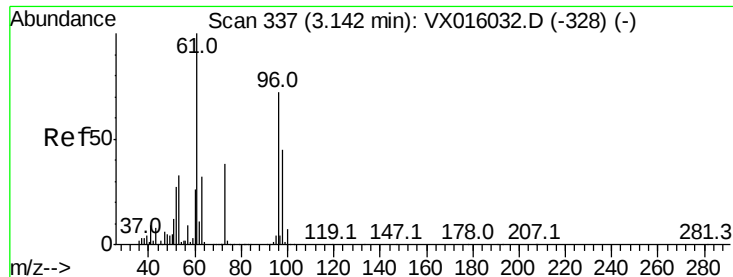


#20

Methylene Chloride
 Concen: 46.158 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Tgt Ion: 84 Resp: 162772
 Ion Ratio Lower Upper
 84 100
 49 120.6 97.3 145.9
 51 37.6 29.3 43.9
 86 64.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 46.113 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

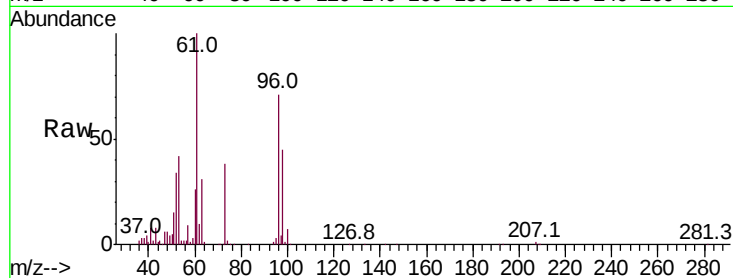
Tot Ion: 96 Resp: 155630

Ion Ratio Lower Upper

96 100

61 140.2 111.2 166.8

98 62.6 50.2 75.4

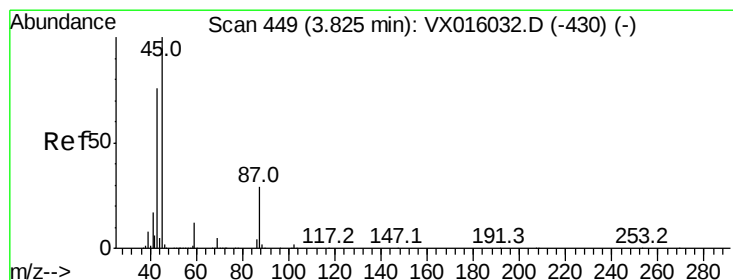
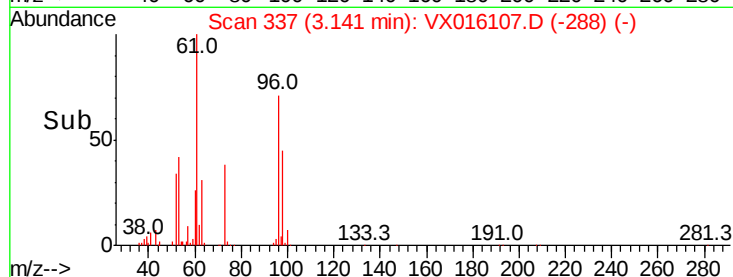
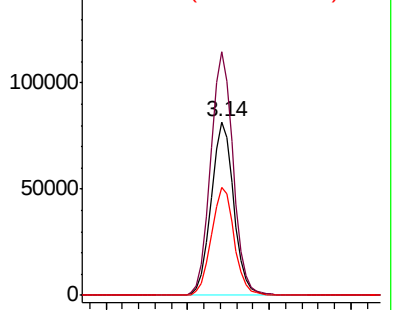


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.283 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Tgt Ion: 45 Resp: 505819

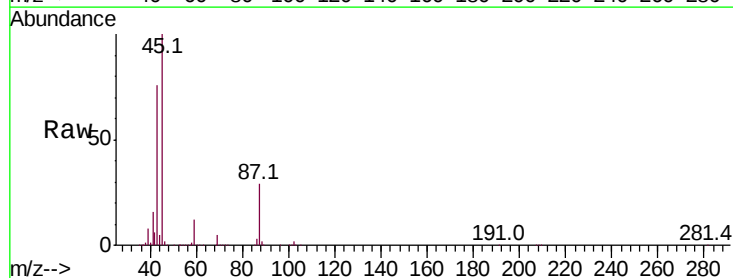
Ion Ratio Lower Upper

45 100

43 76.1 61.1 91.7

87 28.9 23.0 34.6

59 12.1 9.8 14.6



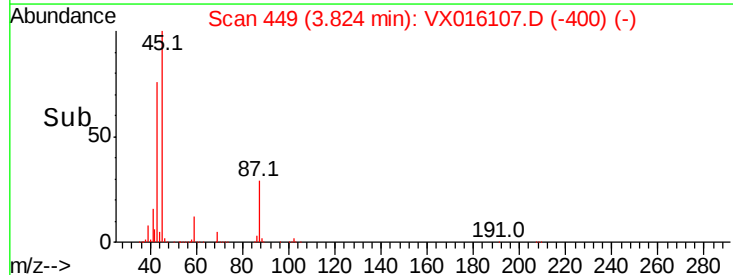
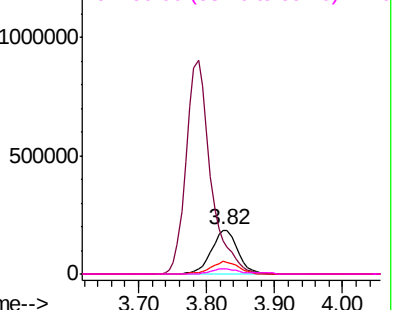
Abundance

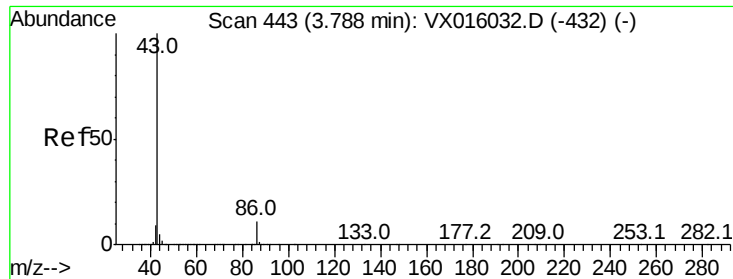
Ion 45.00 (44.70 to 45.70): VX0

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: 246.617 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

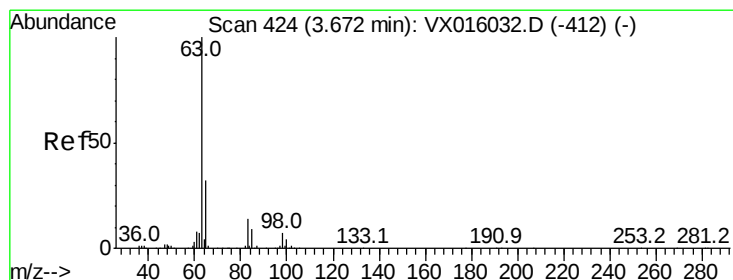
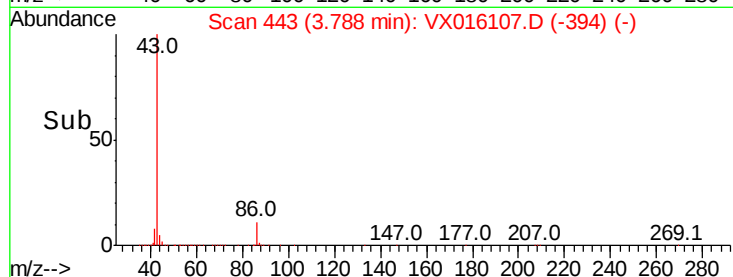
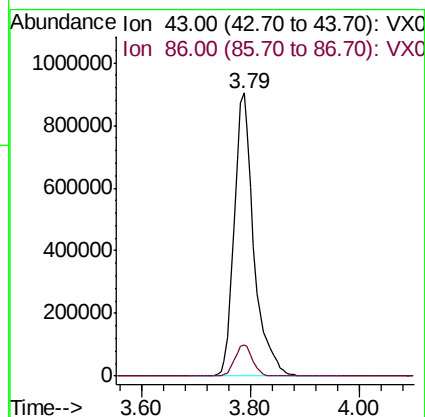
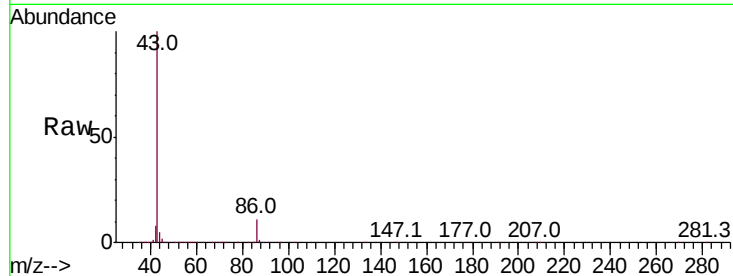
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2272999

Ion Ratio Lower Upper

43 100

86 11.0 9.0 13.4



#24

1,1-Dichloroethane

Concen: 48.735 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

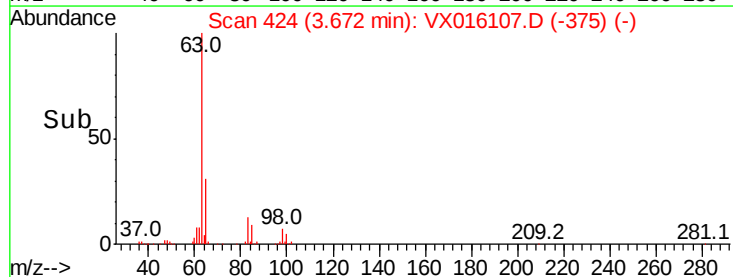
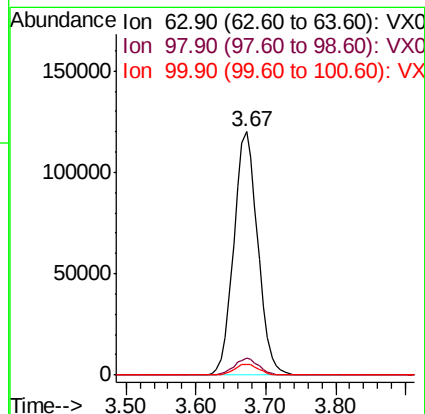
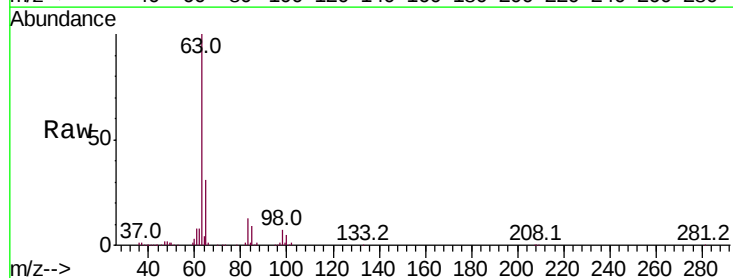
Tgt Ion: 63 Resp: 285603

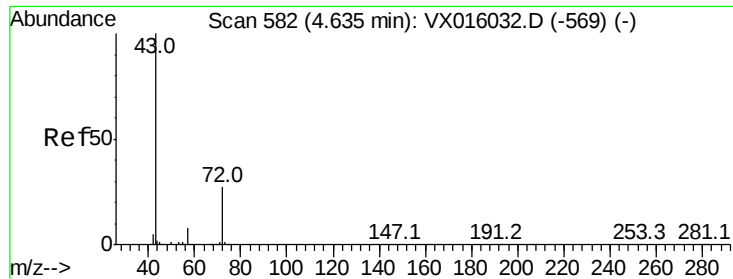
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.6 2.1 6.5

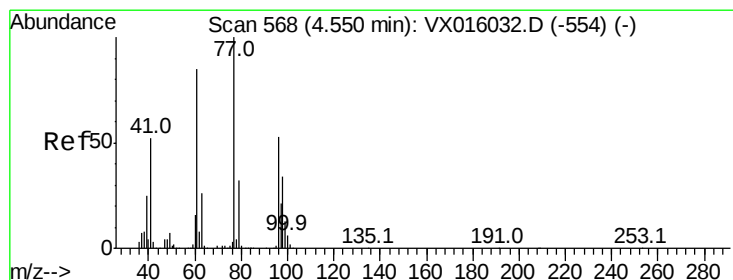
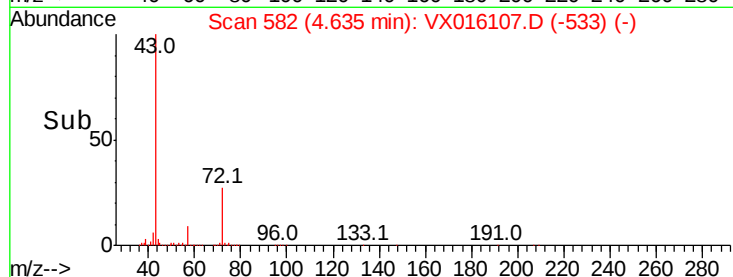
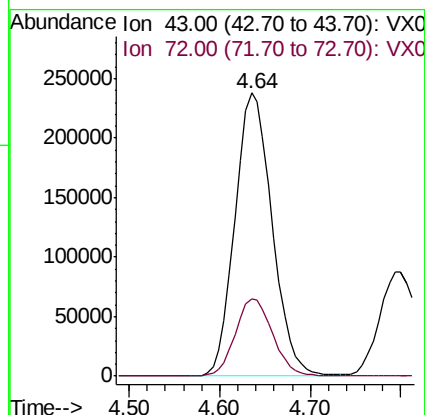
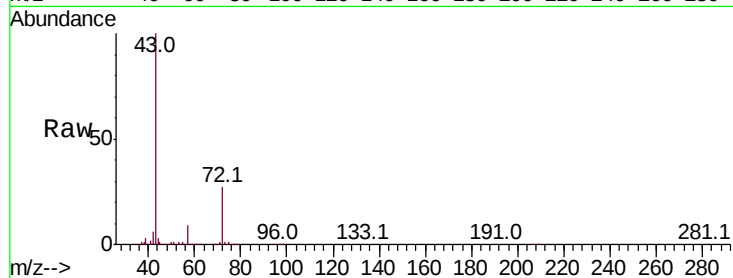




#25
 2-Butanone
 Concen: 244.688 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

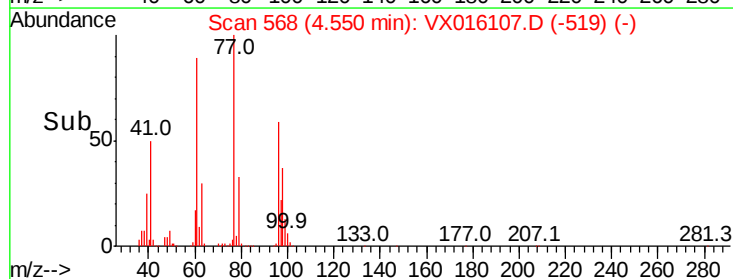
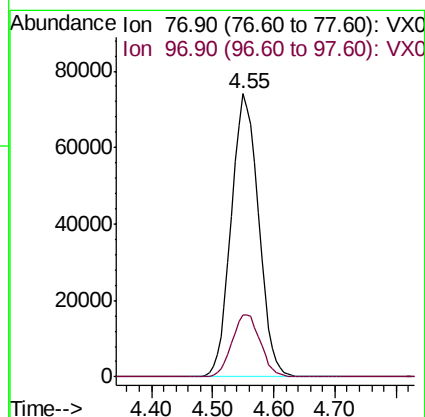
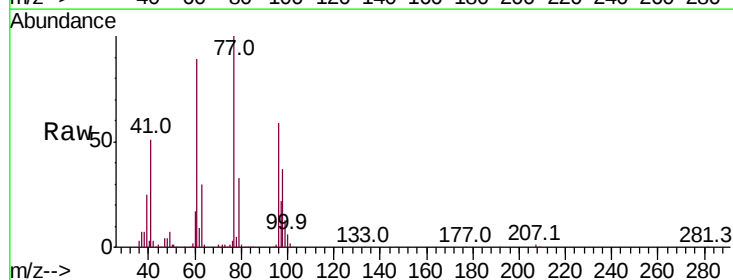
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

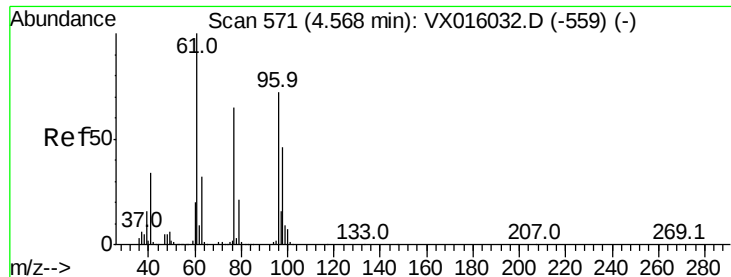
Tot Ion: 43 Resp: 674477
 Ion Ratio Lower Upper
 43 100
 72 27.3 21.8 32.8



#26
 2,2-Dichloropropane
 Concen: 42.722 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Tgt Ion: 77 Resp: 228646
 Ion Ratio Lower Upper
 77 100
 97 22.7 11.2 33.6



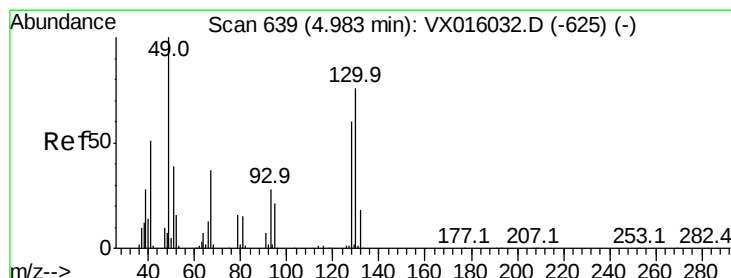
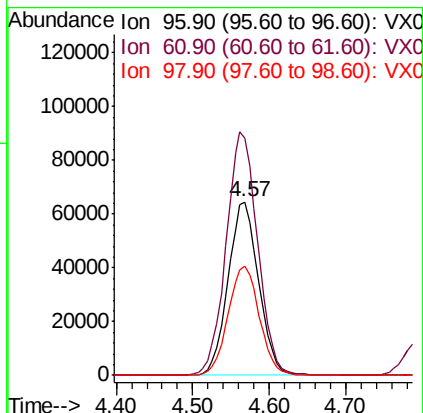
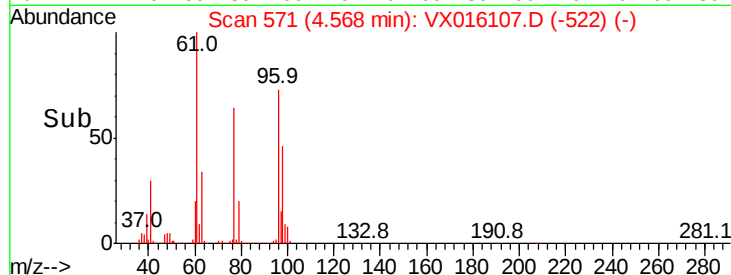
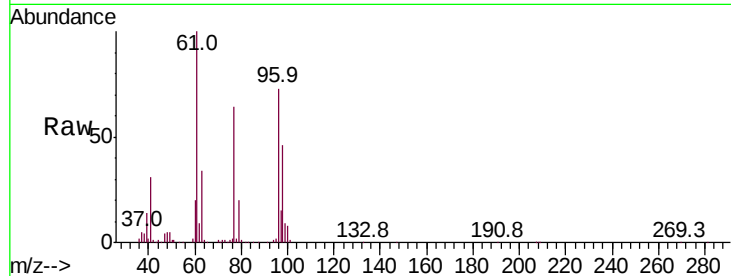


#27

cis-1,2-Dichloroethene
Concen: 48.344 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

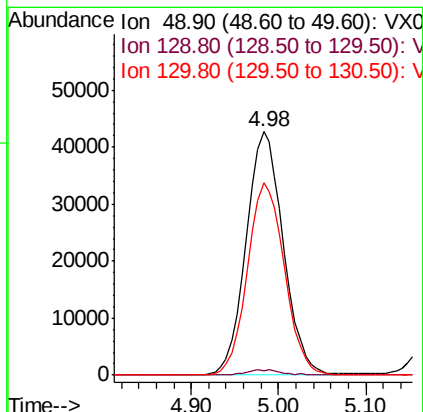
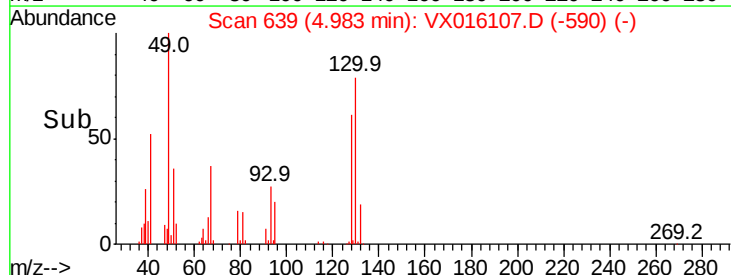
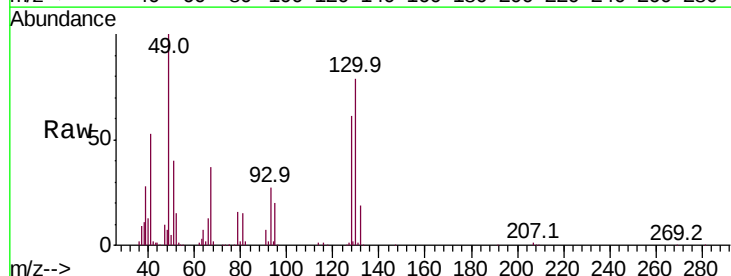
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	296.2
98	64.4	0.0	129.4

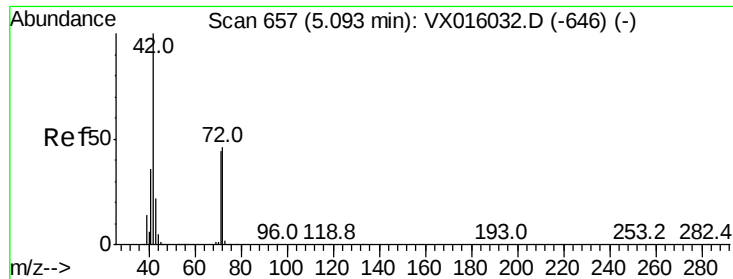


#28

Bromochloromethane
Concen: 47.265 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	78.9	62.4	93.6





#29

Tetrahydrofuran

Concen: 242.789 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

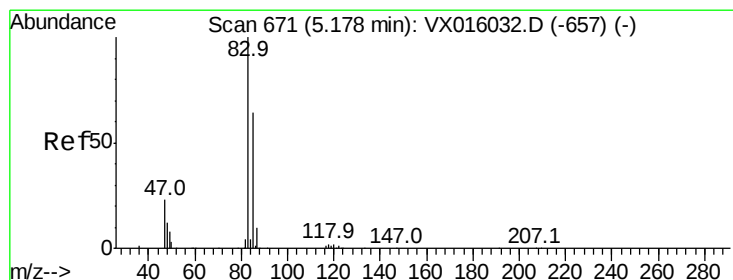
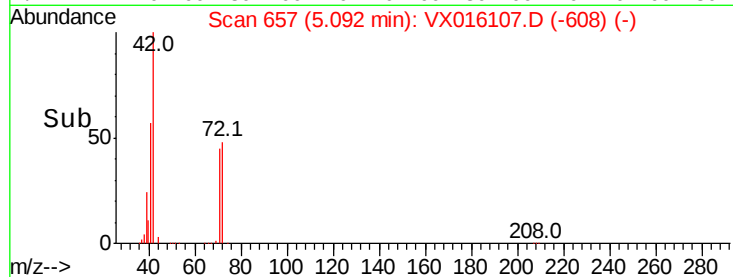
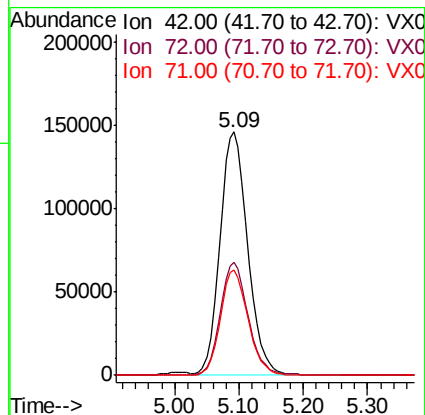
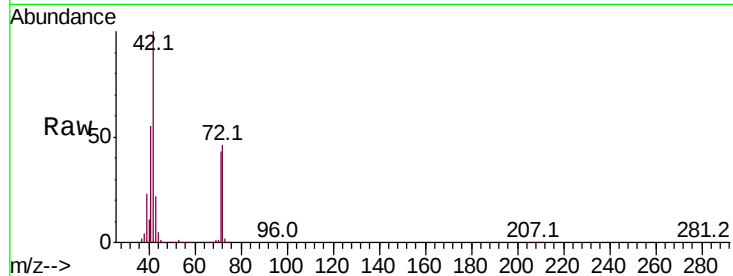
Tot Ion: 42 Resp: 443441

Ion Ratio Lower Upper

42 100

72 46.7 37.1 55.7

71 43.1 34.5 51.7



#30

Chloroform

Concen: 48.577 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016107.D

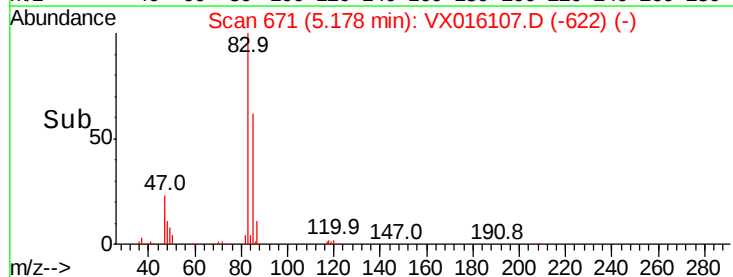
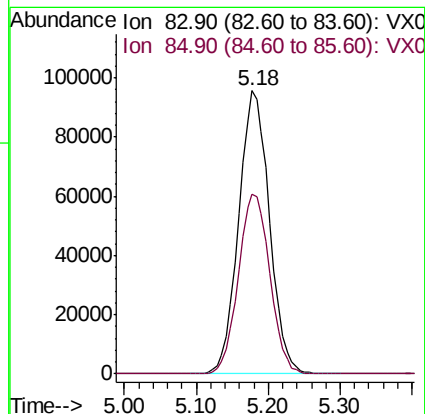
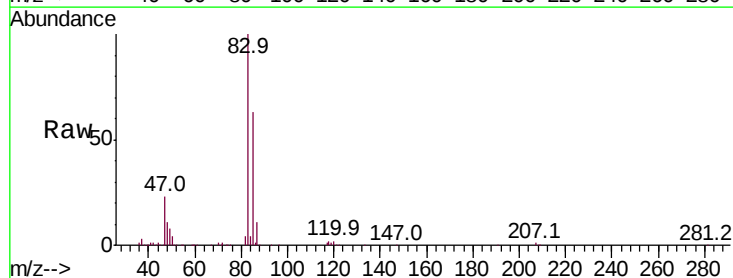
Acq: 07 May 2020 20:13

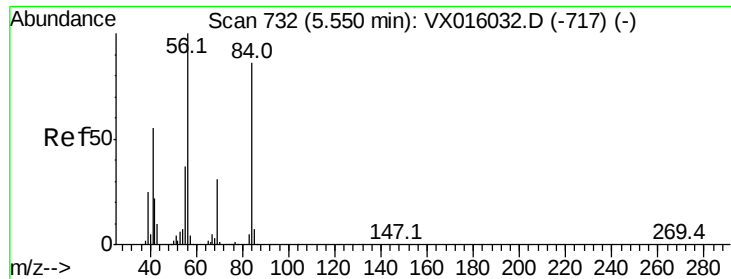
Tgt Ion: 83 Resp: 283443

Ion Ratio Lower Upper

83 100

85 63.3 51.6 77.4

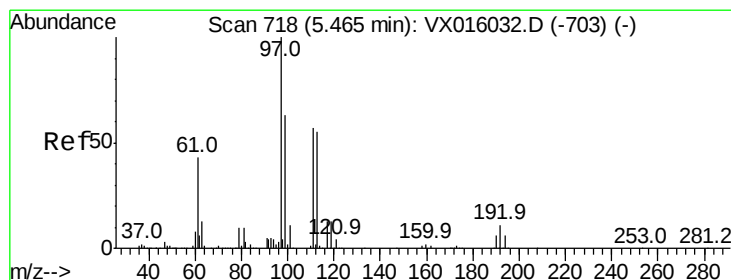
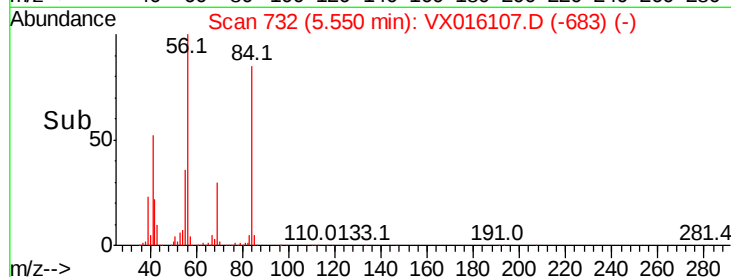
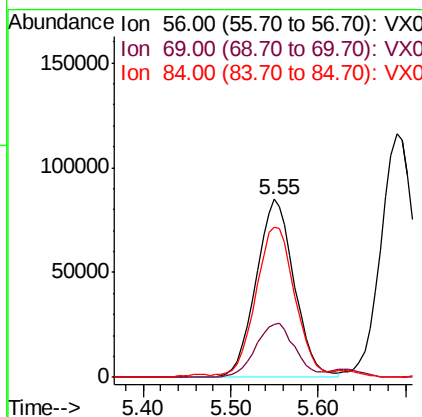
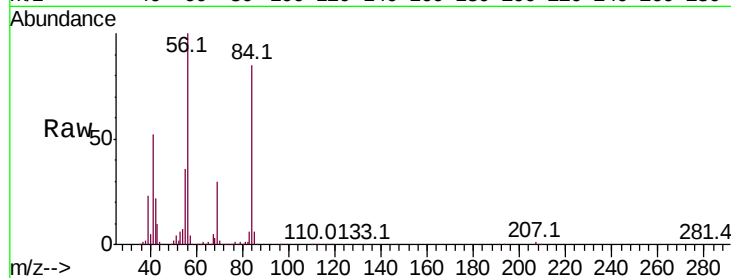




#31
Cyclohexane
Concen: 48.427 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

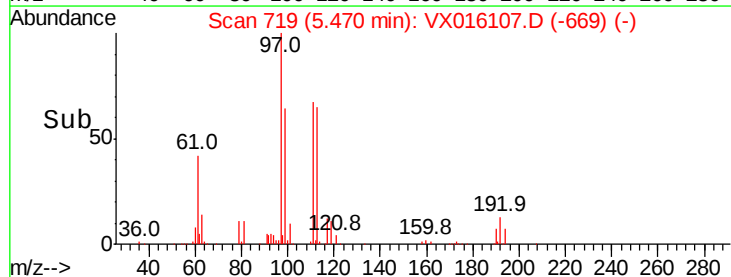
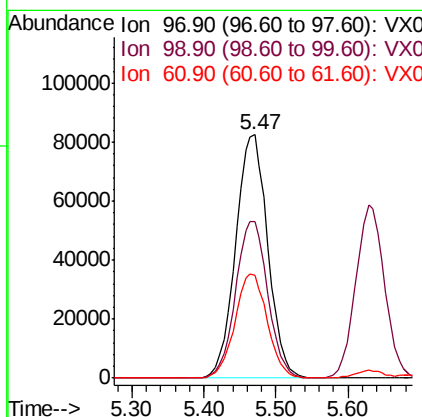
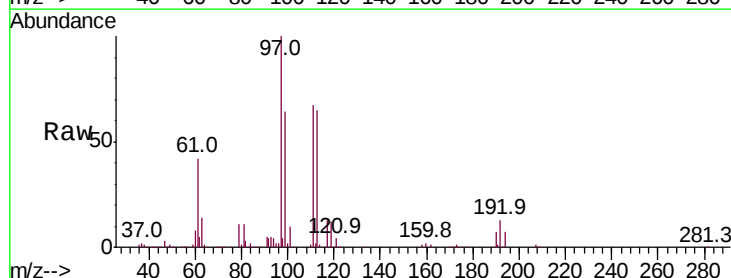
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

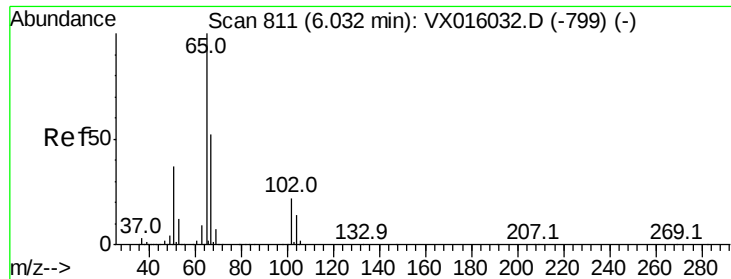
Tot Ion: 56 Resp: 257921
Ion Ratio Lower Upper
56 100
69 29.9 25.0 37.6
84 83.6 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 48.106 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion: 97 Resp: 255145
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 43.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 51.177 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

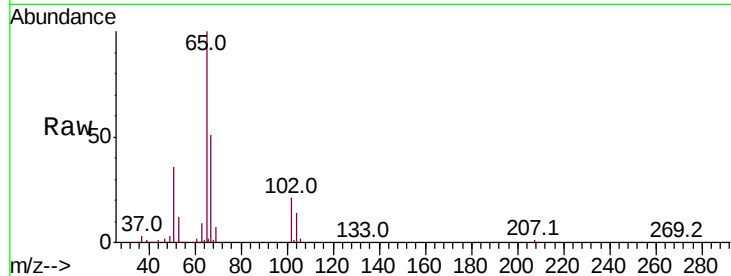
VSTDCCC050EC

Tot Ion: 65 Resp: 196204

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

80000

60000

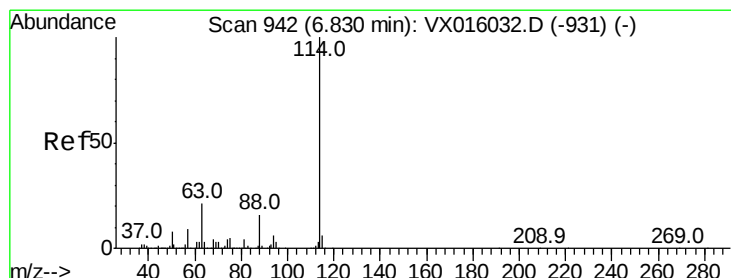
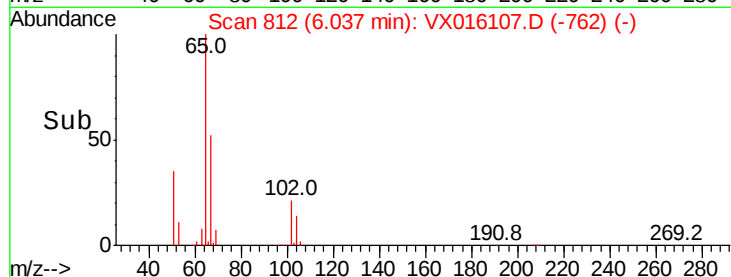
40000

20000

0

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

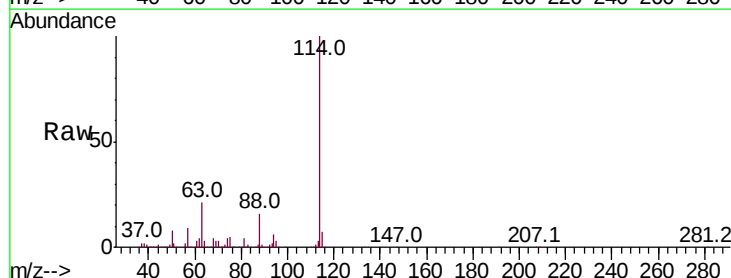
Tgt Ion: 114 Resp: 473240

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

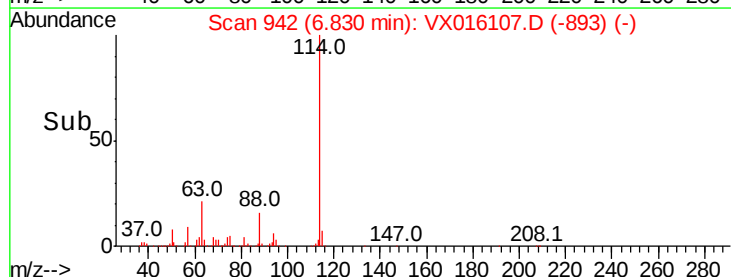
100000

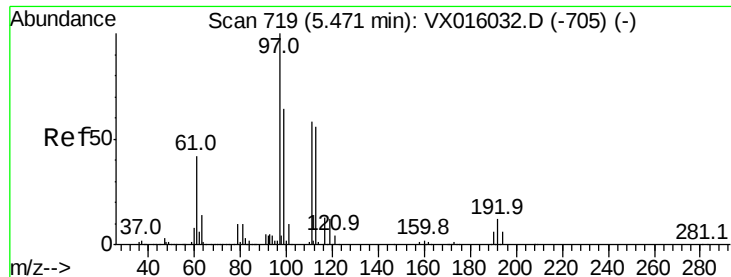
50000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 50.840 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

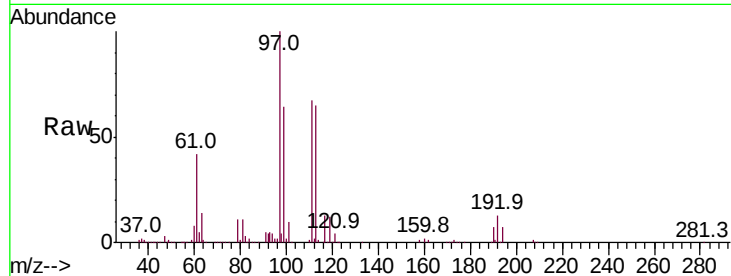
Tot Ion:113 Resp: 152427

Ion Ratio Lower Upper

113 100

111 103.8 81.6 122.4

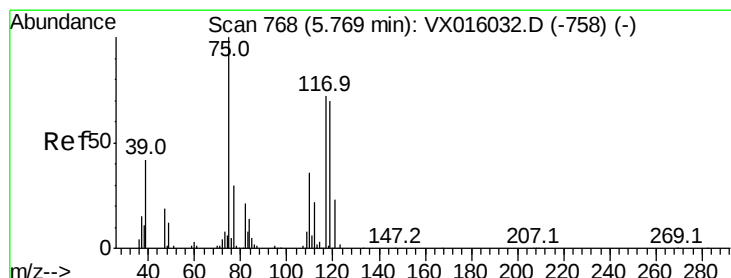
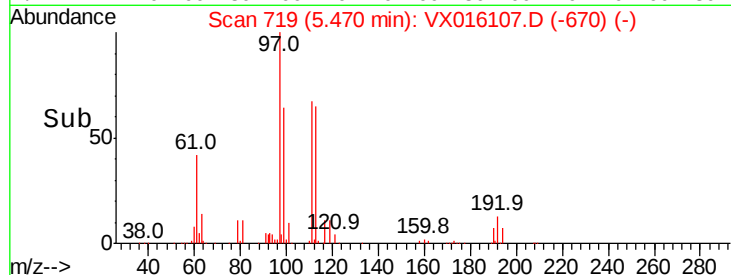
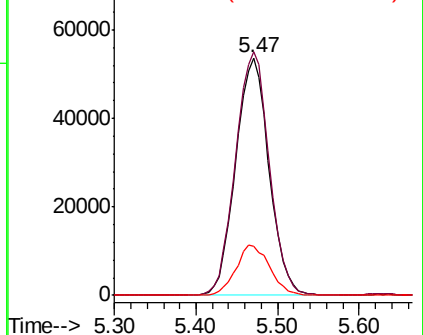
192 21.5 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.611 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

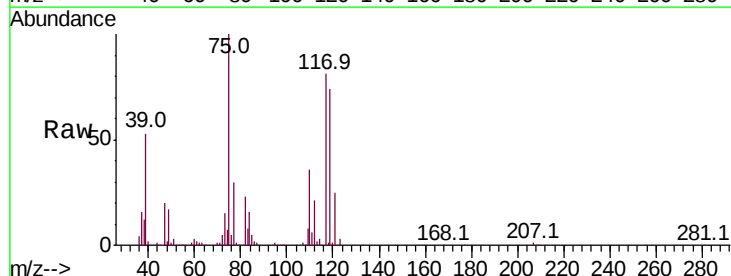
Tgt Ion: 75 Resp: 217132

Ion Ratio Lower Upper

75 100

110 35.1 18.1 54.1

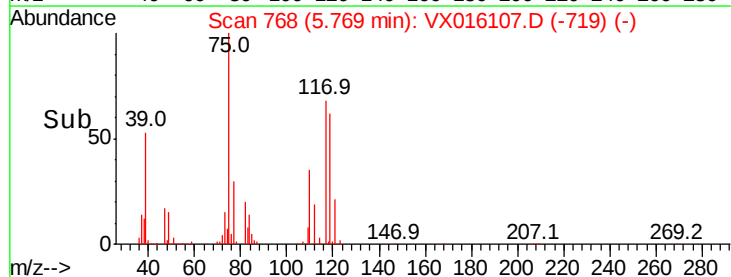
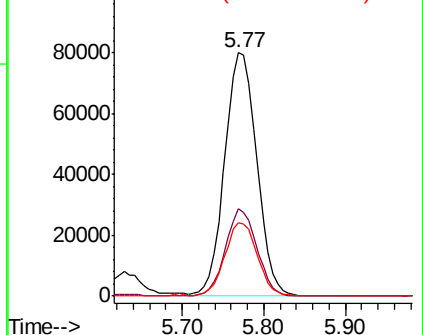
77 30.4 25.0 37.6

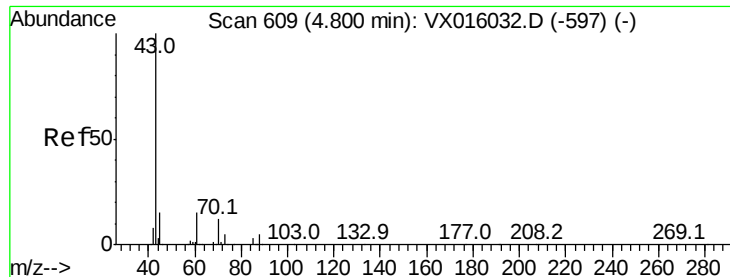


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

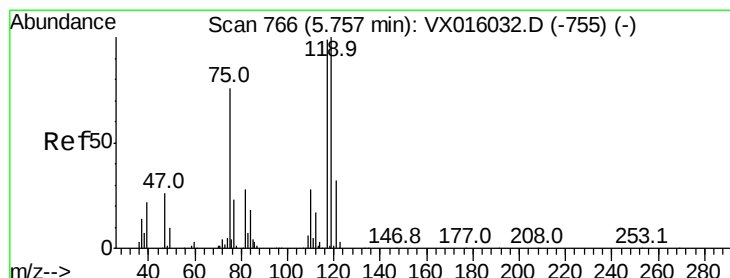
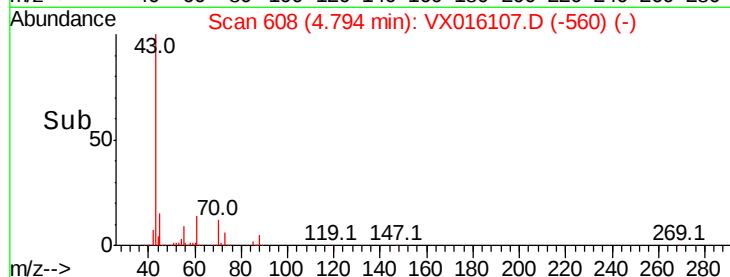
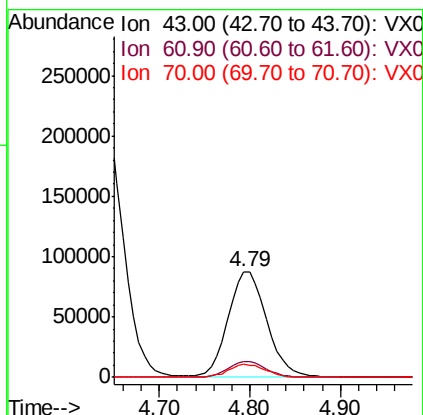
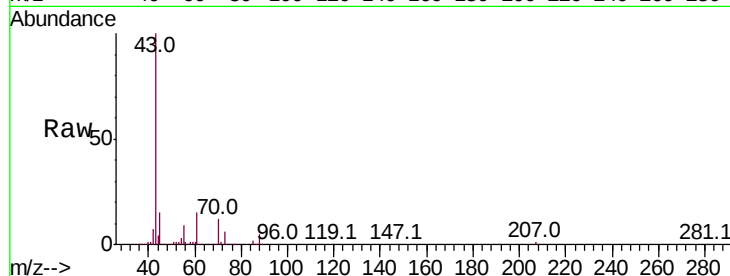




#37
Ethyl Acetate
Concen: 47.701 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

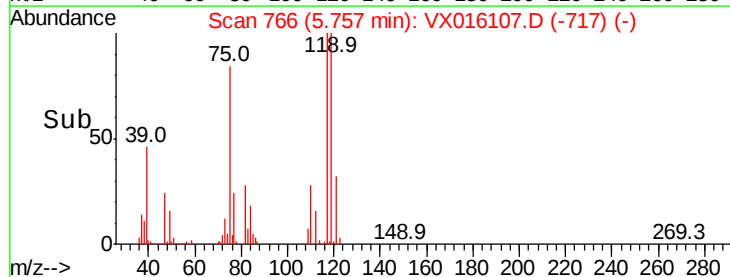
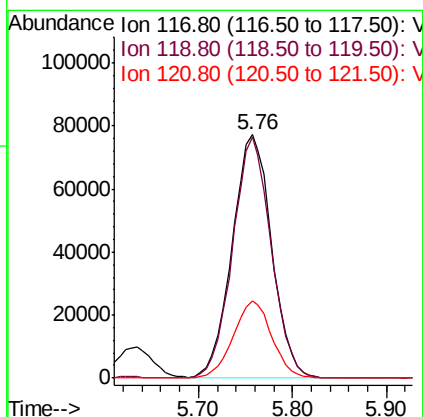
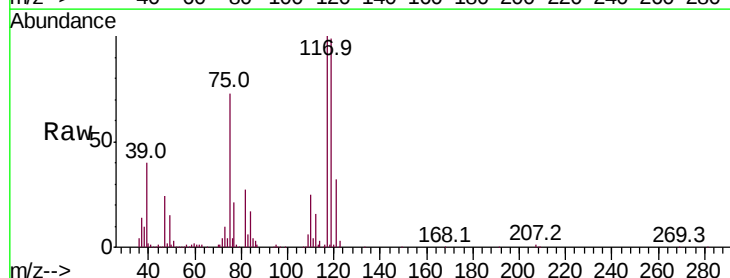
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

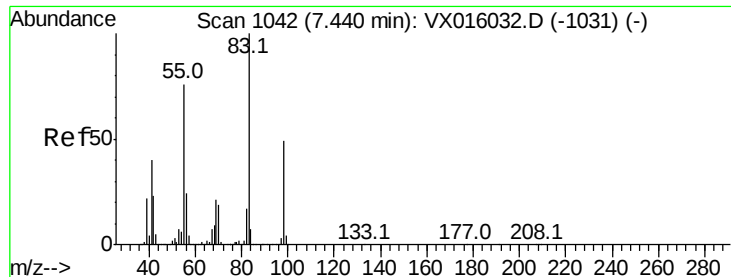
Tot Ion: 43 Resp: 257550
Ion Ratio Lower Upper
43 100
61 14.9 11.7 17.5
70 11.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 47.550 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion: 117 Resp: 225147
Ion Ratio Lower Upper
117 100
119 99.1 80.3 120.5
121 31.6 25.7 38.5

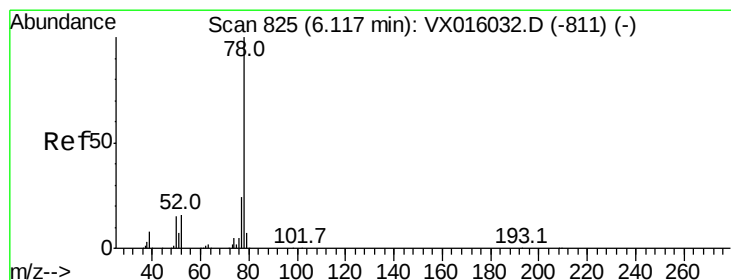
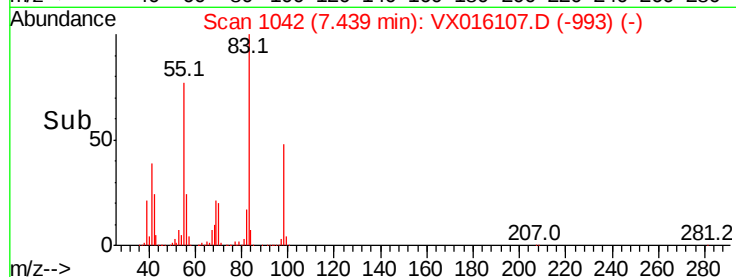
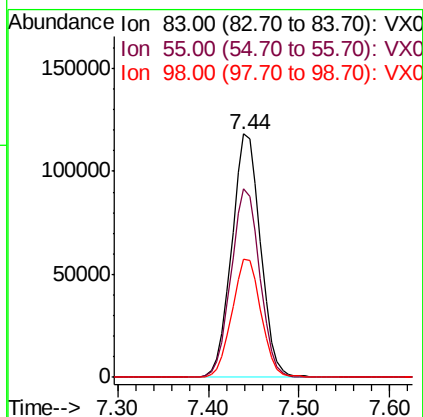
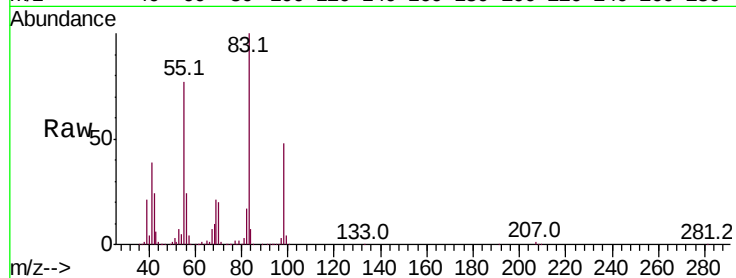




#39
Methvlcvclohexane
Concen: 46.349 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

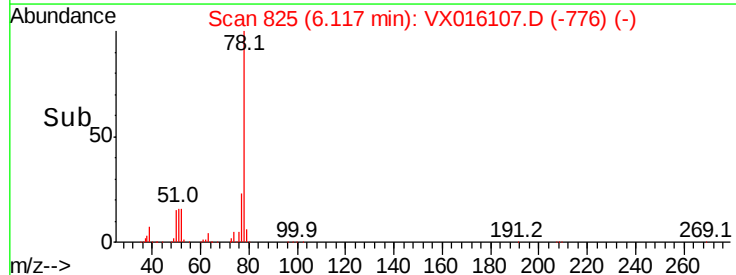
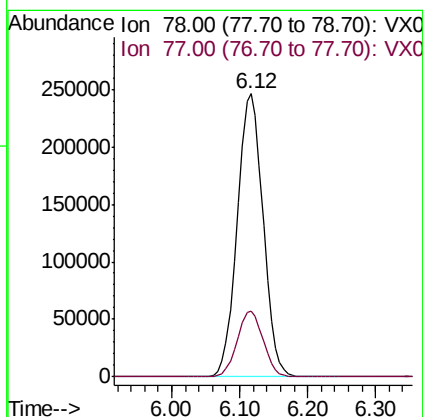
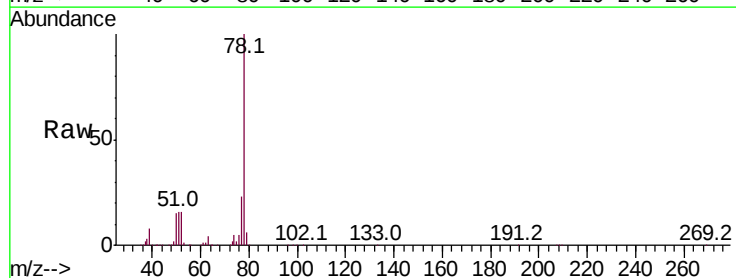
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

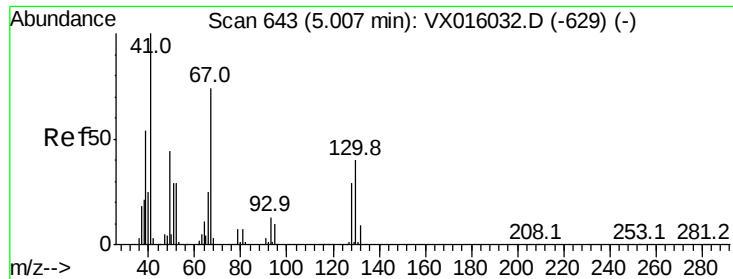
Tot Ion: 83 Resp: 260019
Ion Ratio Lower Upper
83 100
55 77.2 61.1 91.7
98 48.4 39.0 58.4



#40
Benzene
Concen: 47.602 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion: 78 Resp: 648823
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4

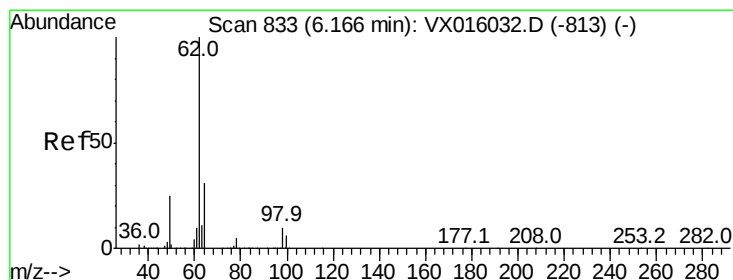
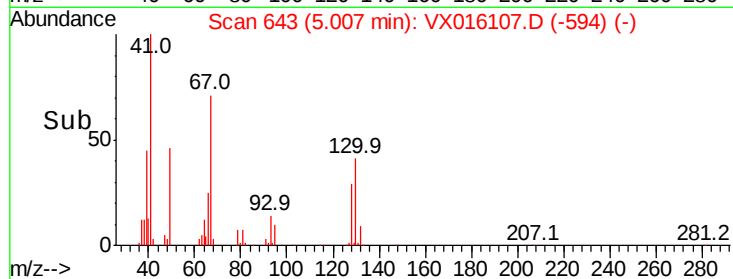
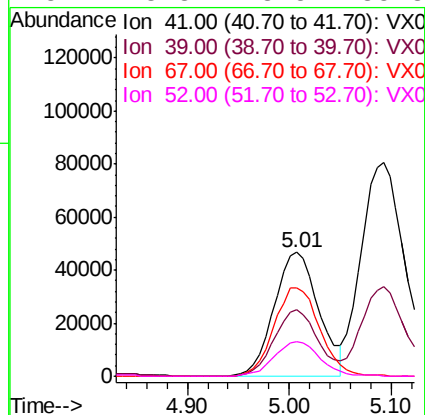
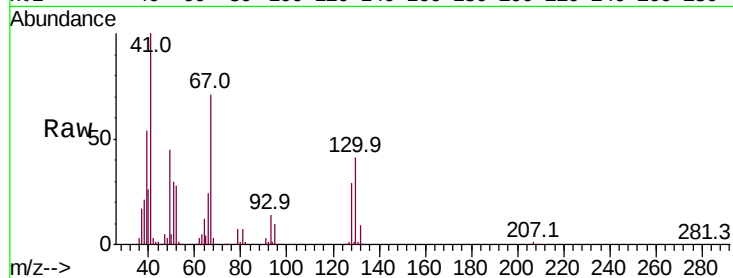




#41
Methacrylonitrile
Concen: 48.684 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

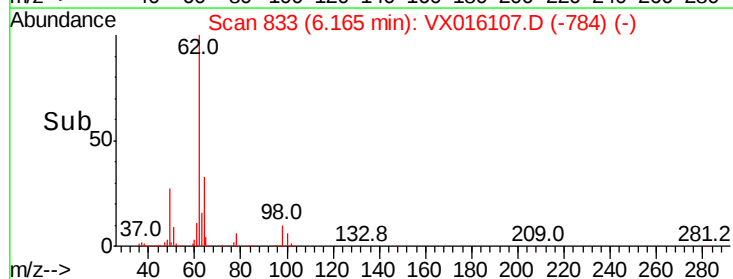
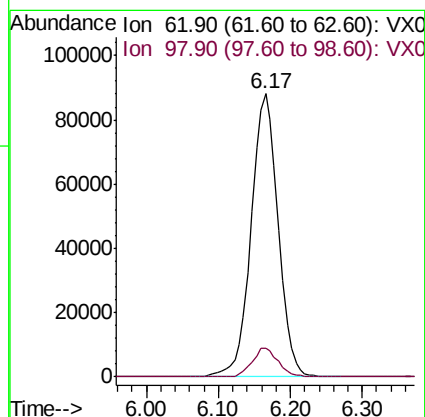
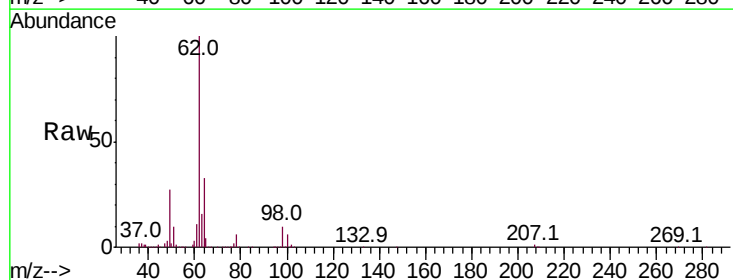
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

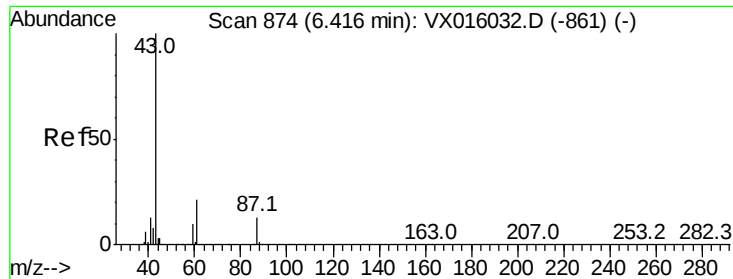
Tot Ion:	41	Resp:	141956
Ion	Ratio	Lower	Upper
41	100		
39	52.6	43.2	64.8
67	73.4	59.3	88.9
52	28.3	23.5	35.3



#42
1,2-Dichloroethane
Concen: 46.726 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion:	62	Resp:	229427
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4





#43

Isopropyl Acetate

Concen: 47.904 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

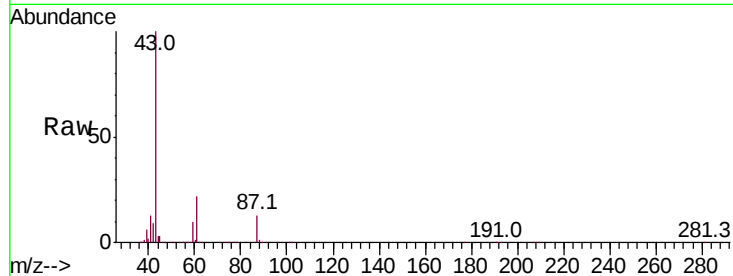
Tot Ion: 43 Resp: 412675

Ion Ratio Lower Upper

43 100

61 21.5 17.0 25.4

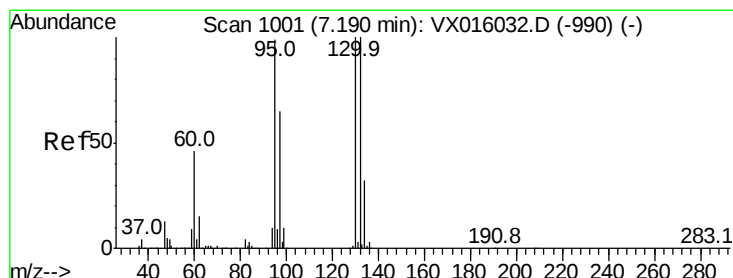
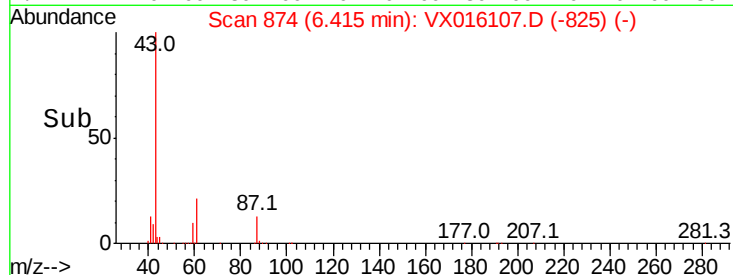
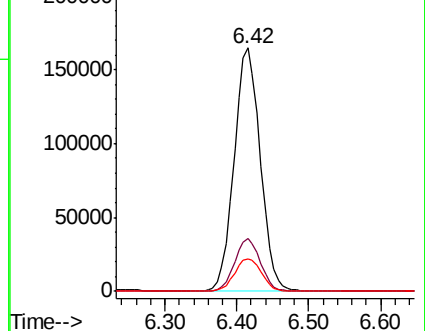
87 13.9 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 44.185 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016107.D

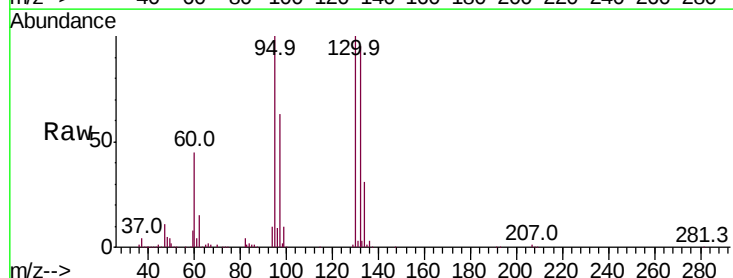
Acq: 07 May 2020 20:13

Tgt Ion:130 Resp: 213956

Ion Ratio Lower Upper

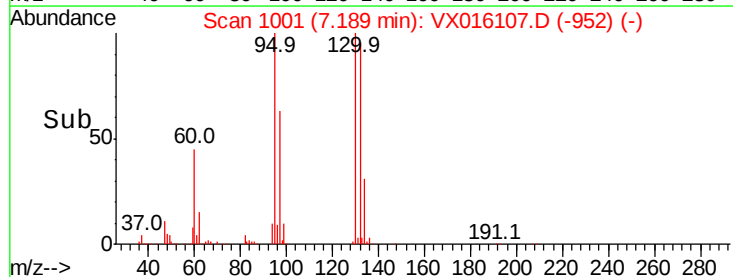
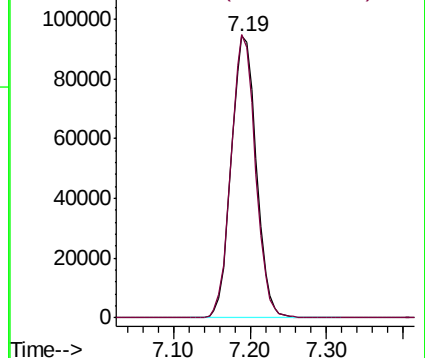
130 100

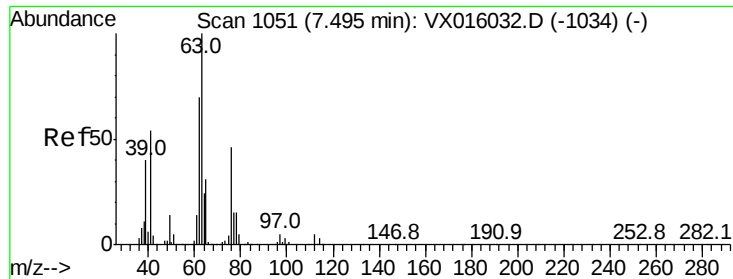
95 100.4 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.792 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

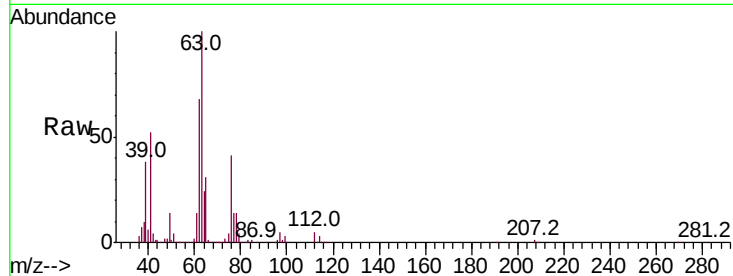
VSTDCCC050EC

Tot Ion: 63 Resp: 168278

Ion Ratio Lower Upper

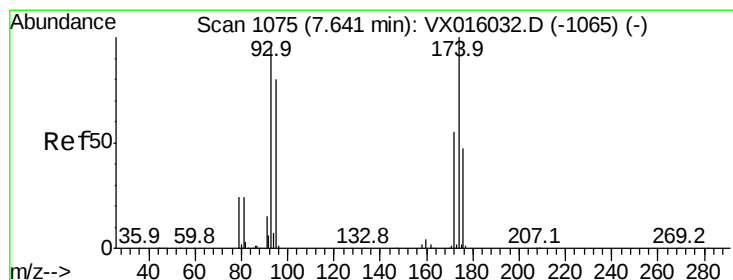
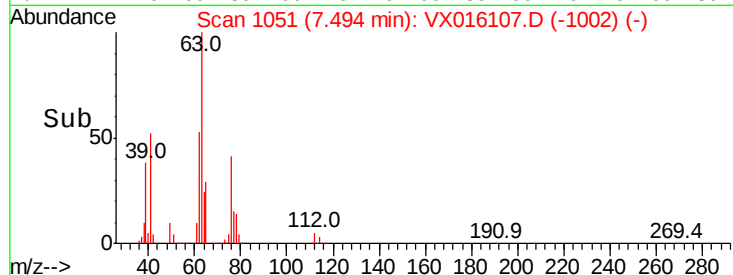
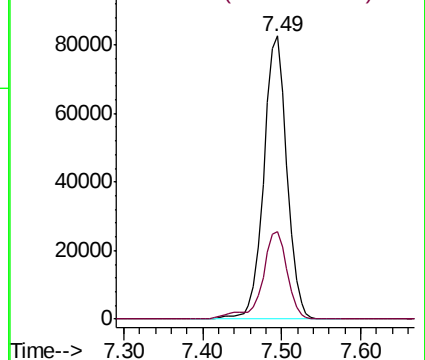
63 100

65 31.0 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.471 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

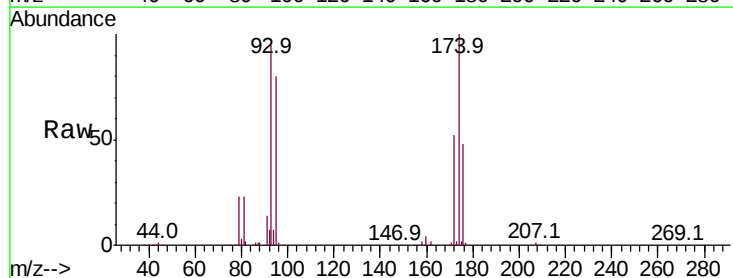
Tgt Ion: 93 Resp: 111262

Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

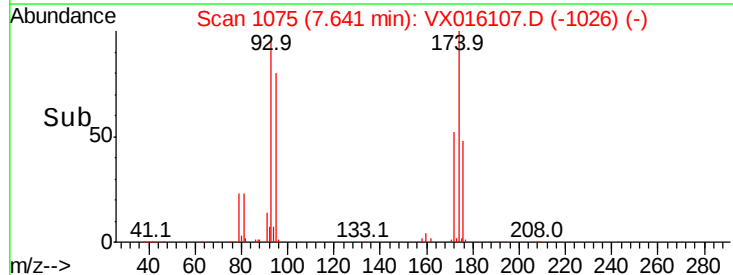
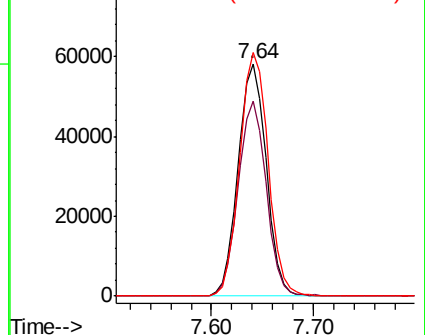
174 106.8 84.2 126.4

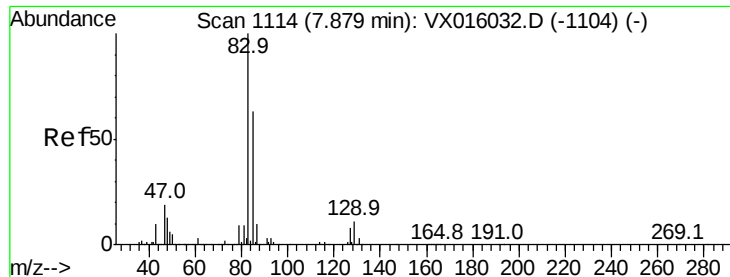


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.622 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

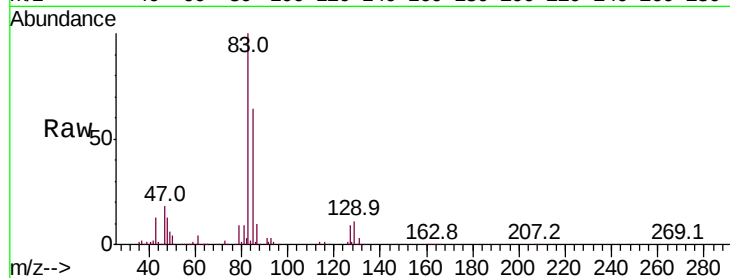
Tot Ion: 83 Resp: 232095

Ion Ratio Lower Upper

83 100

85 64.1 50.5 75.7

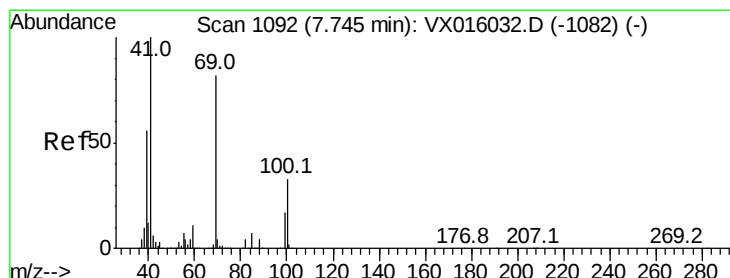
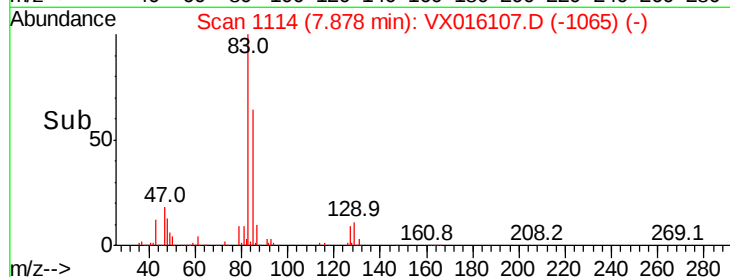
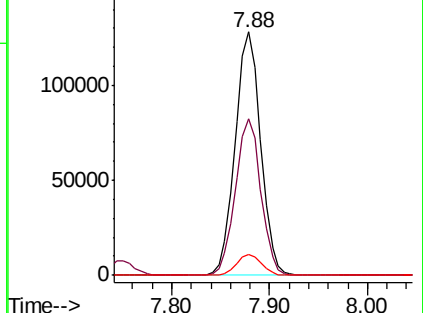
127 8.6 6.7 10.1



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: 48.165 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

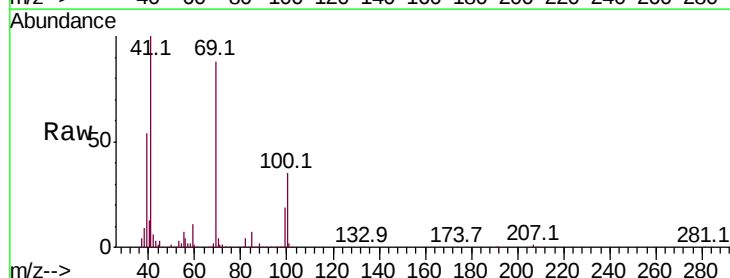
Tgt Ion: 41 Resp: 196611

Ion Ratio Lower Upper

41 100

69 86.4 67.8 101.6

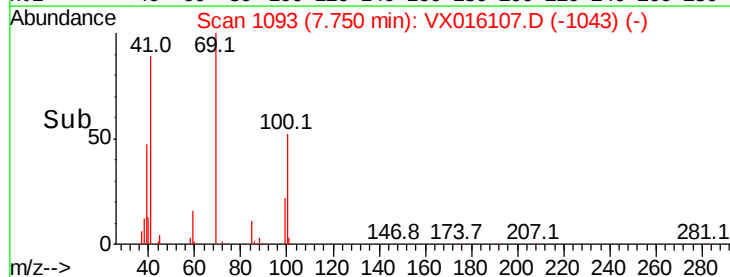
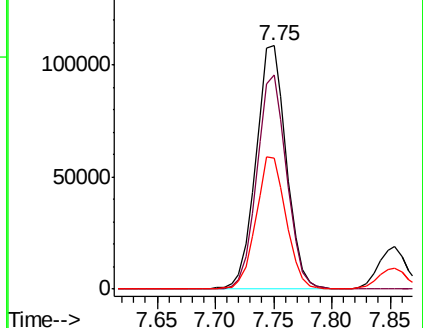
39 53.9 44.6 67.0

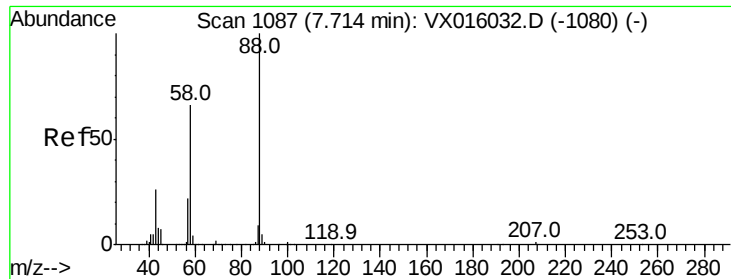


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 951.673 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

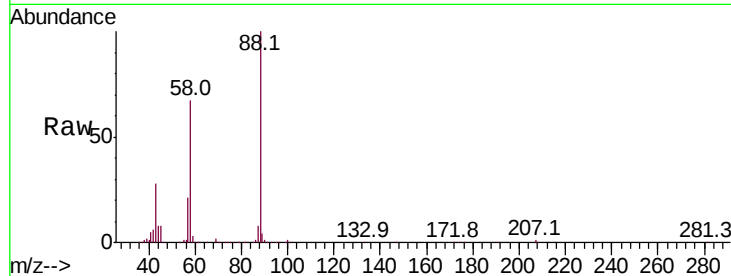
Tot Ion: 88 Resp: 93169

Ion Ratio Lower Upper

88 100

43 31.3 25.3 37.9

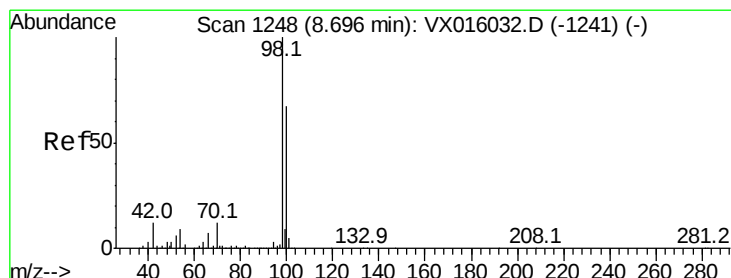
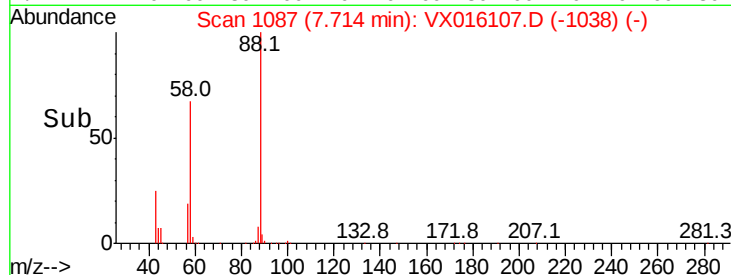
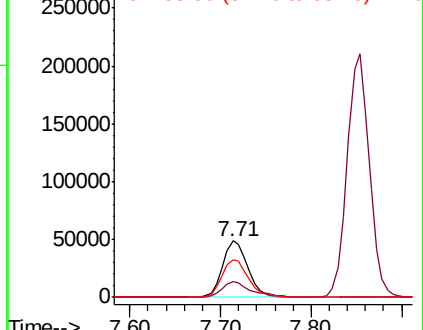
58 70.3 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.604 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016107.D

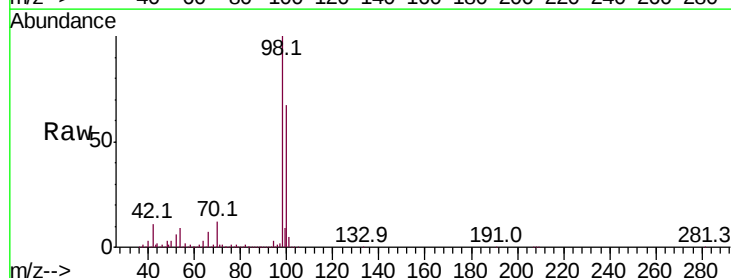
Acq: 07 May 2020 20:13

Tgt Ion: 98 Resp: 596137

Ion Ratio Lower Upper

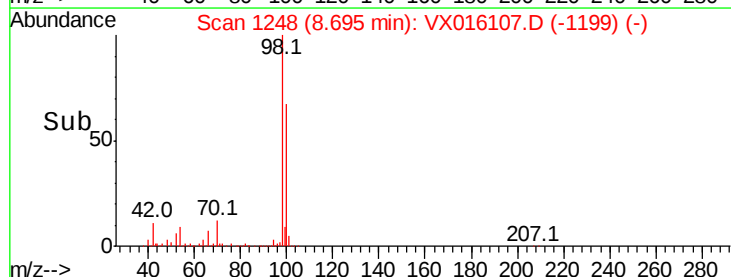
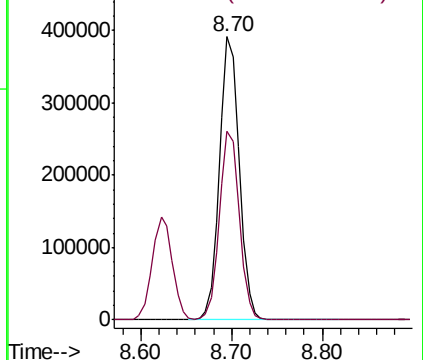
98 100

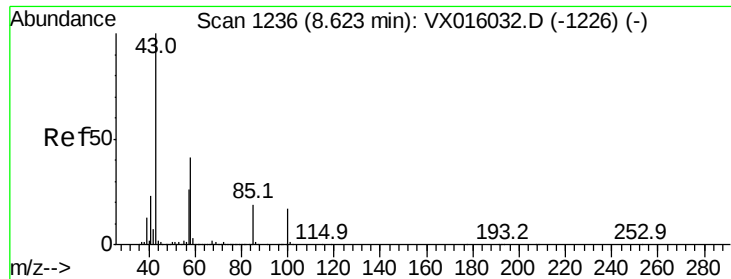
100 67.2 53.7 80.5



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: 245.286 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

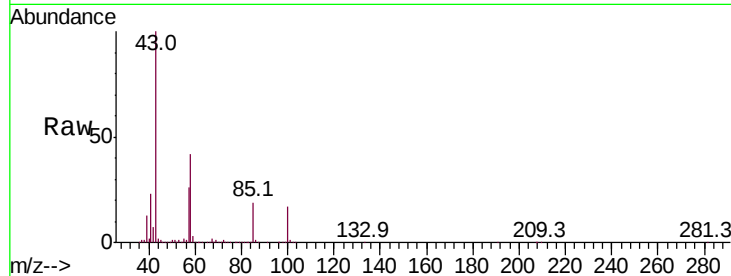
VSTDCCC050EC

Tot Ion: 43 Resp: 1293060

Ion Ratio Lower Upper

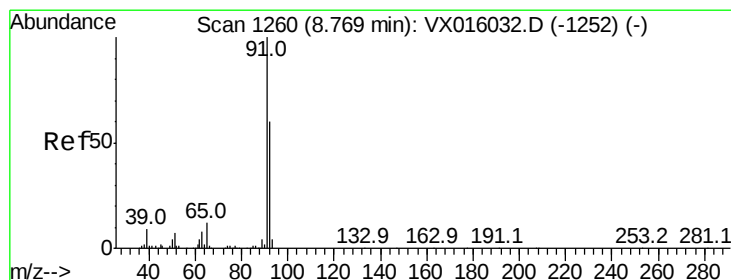
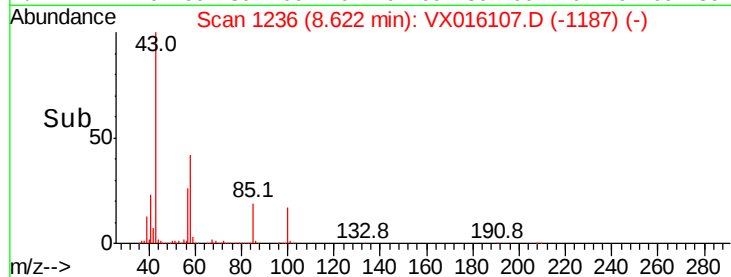
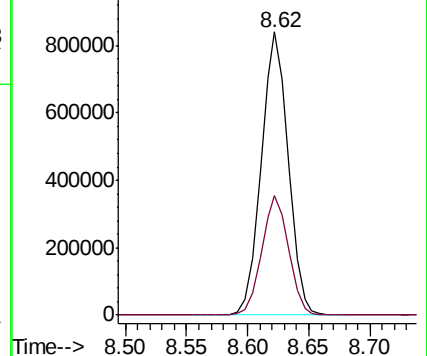
43 100

58 41.9 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.440 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016107.D

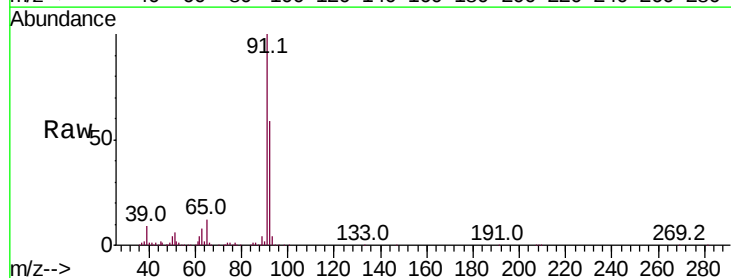
Acq: 07 May 2020 20:13

Tgt Ion: 92 Resp: 411543

Ion Ratio Lower Upper

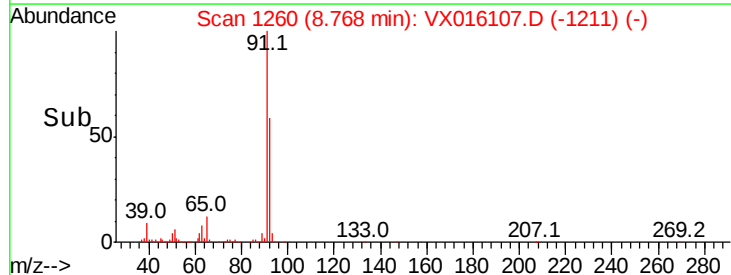
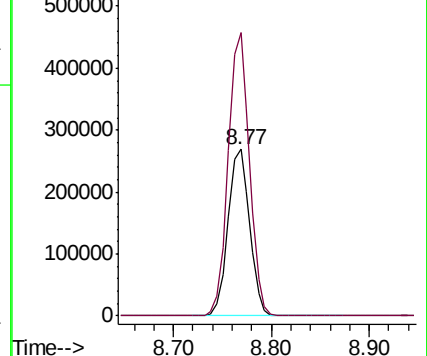
92 100

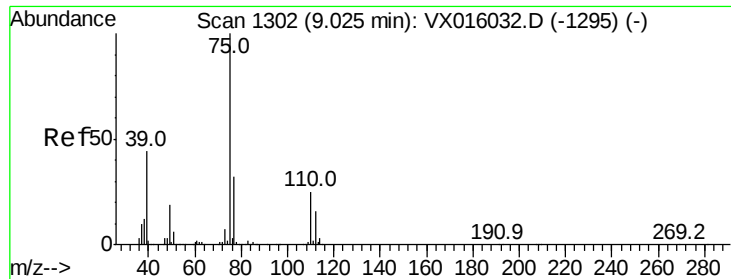
91 167.2 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 47.180 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

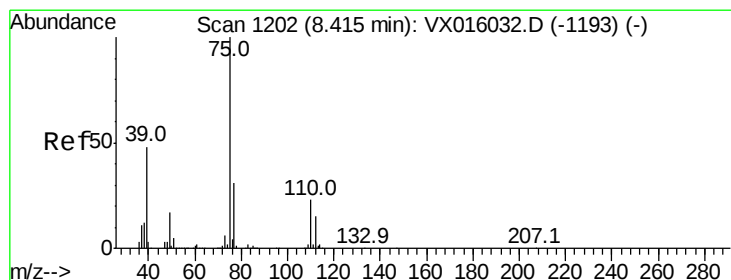
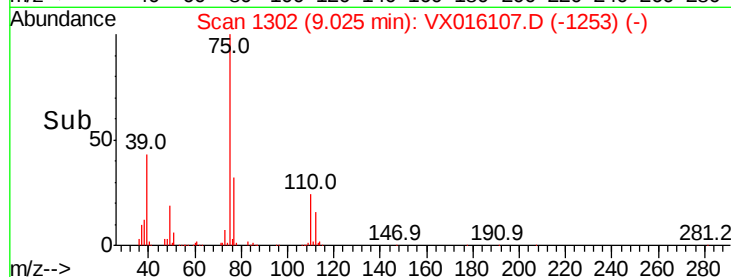
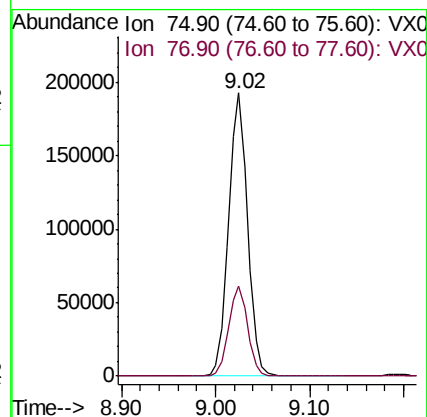
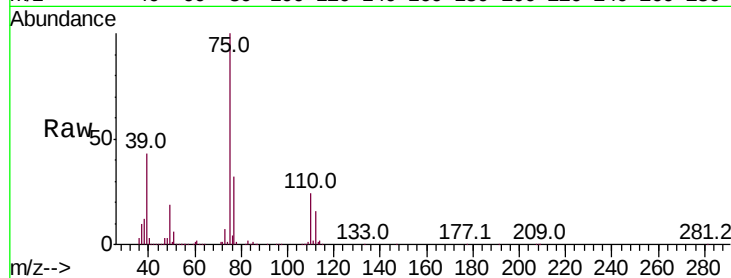
VSTDCCC050EC

Tot Ion: 75 Resp: 268523

Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 47.306 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

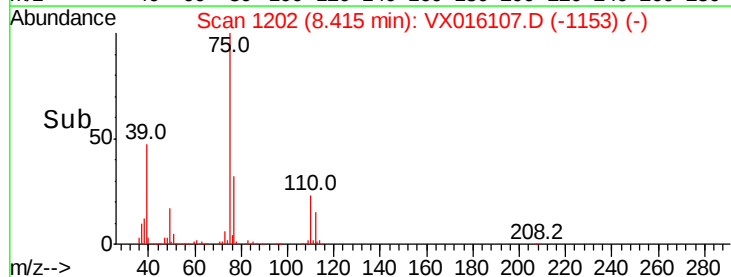
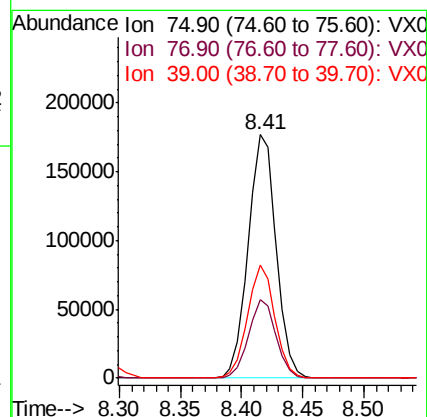
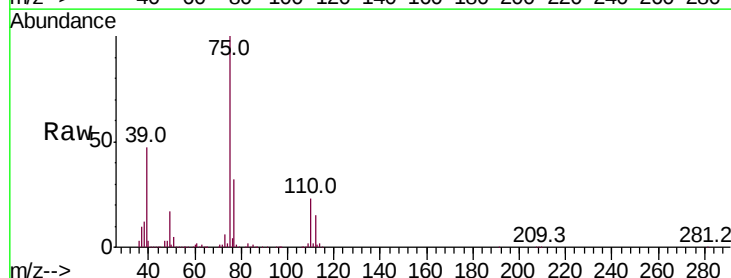
Tgt Ion: 75 Resp: 281224

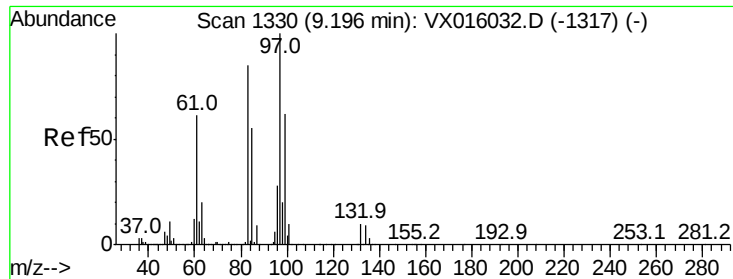
Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

39 46.5 38.7 58.1

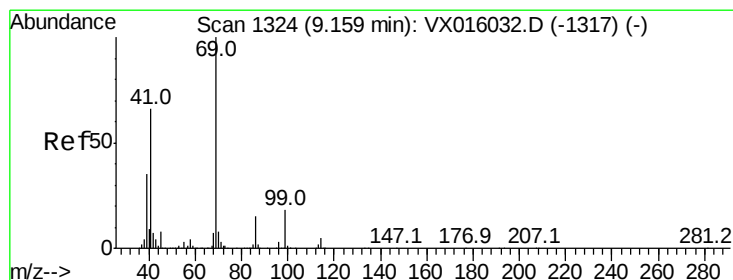
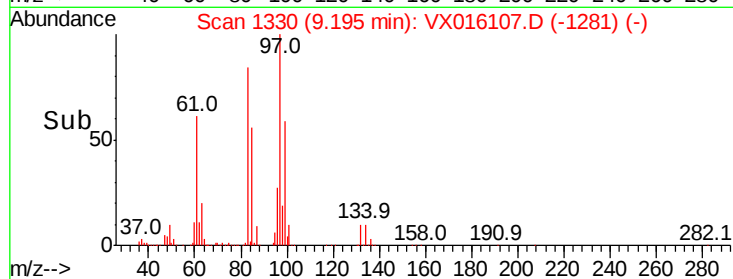
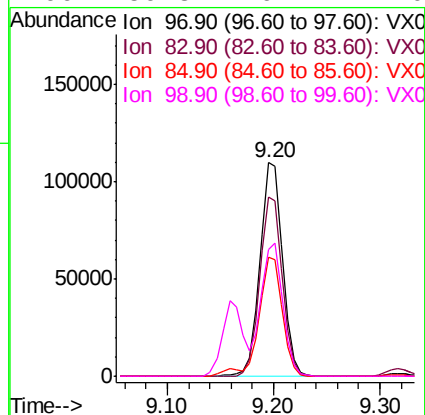
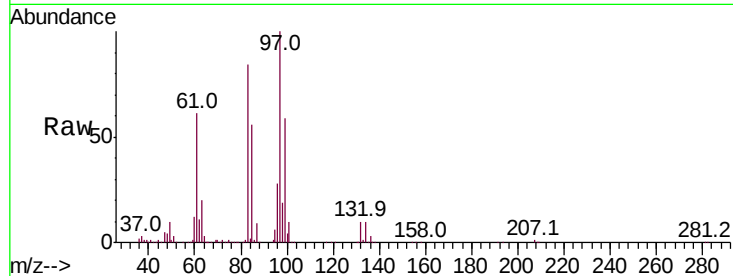




#55
 1,1,2-Trichloroethane
 Concen: 49.027 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

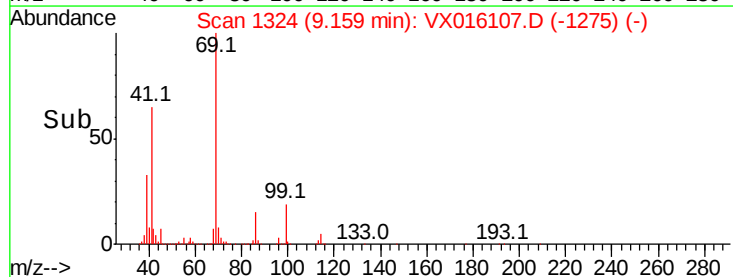
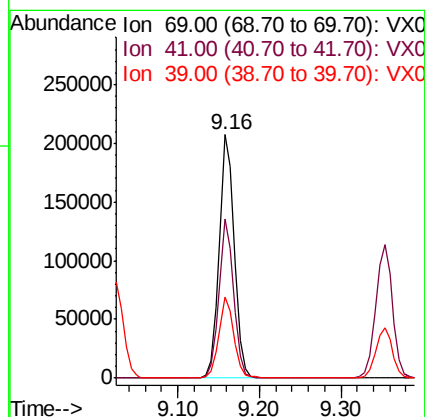
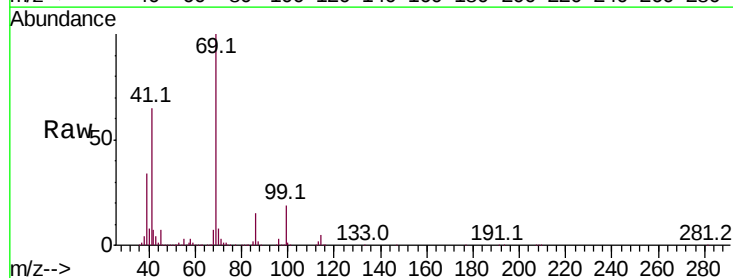
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

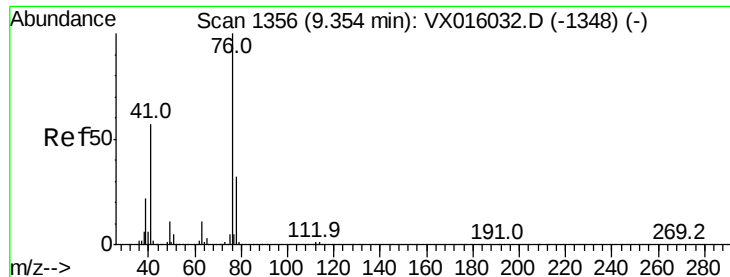
Tot Ion:	97	Resp:	163879
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.8	101.8
85	55.9	43.8	65.8
99	59.3	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 50.395 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Tgt Ion:	69	Resp:	274964
Ion	Ratio	Lower	Upper
69	100		
41	63.8	52.2	78.4
39	33.4	28.2	42.4





#57

1,3-Dichloropropane

Concen: 48.480 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

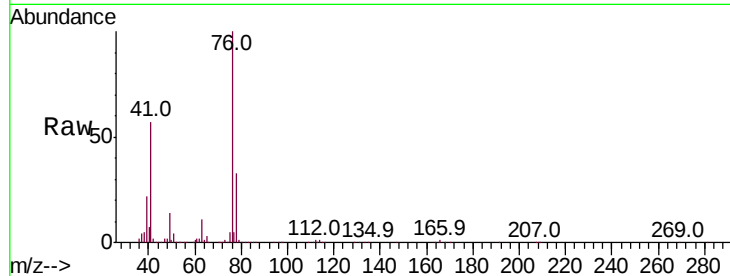
VSTDCCC050EC

Tot Ion: 76 Resp: 282761

Ion Ratio Lower Upper

76 100

78 32.7 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

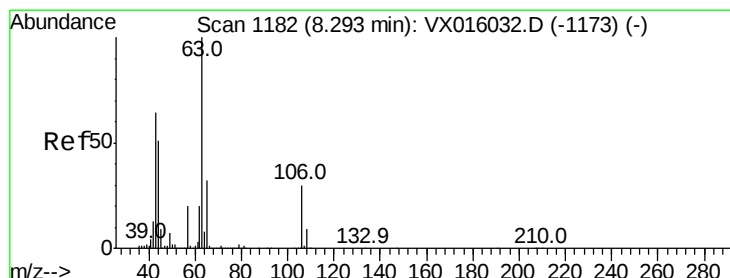
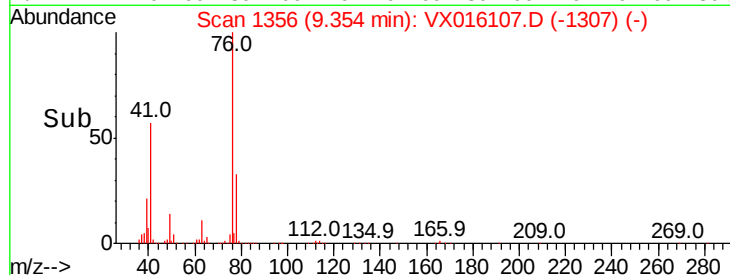
100000

50000

0

9.25 9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 248.600 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016107.D

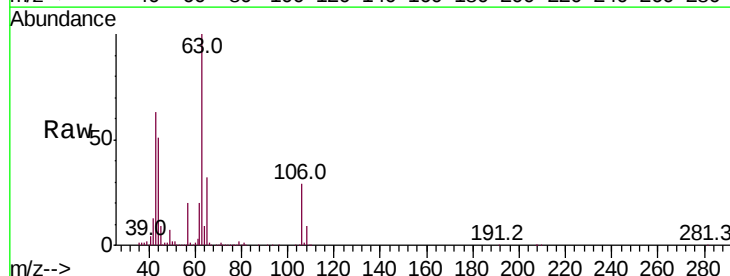
Acq: 07 May 2020 20:13

Tgt Ion: 63 Resp: 722117

Ion Ratio Lower Upper

63 100

106 29.1 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

500000

400000

300000

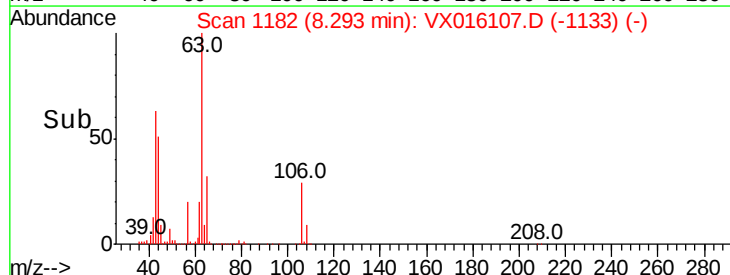
200000

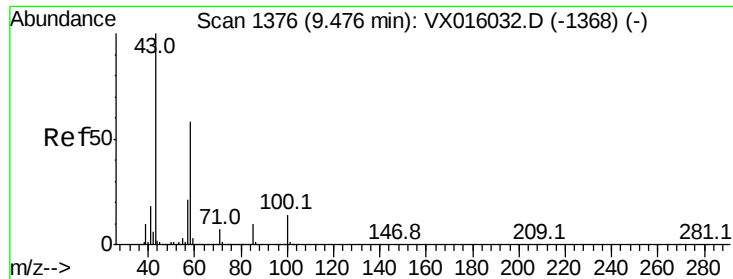
100000

0

8.20 8.30 8.40

Time-->

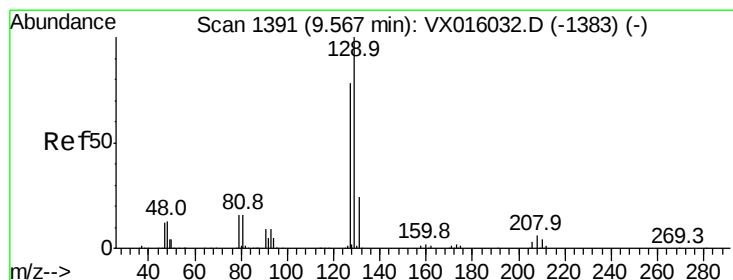
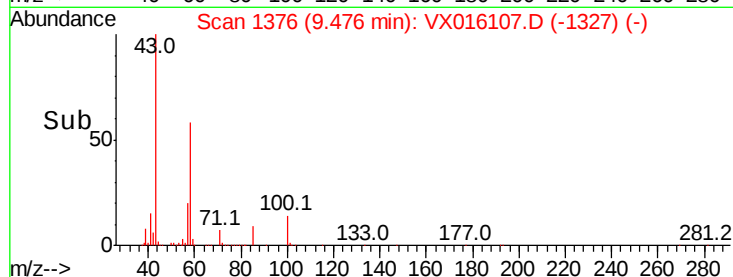
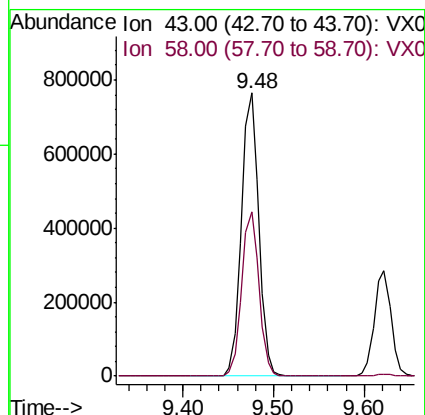
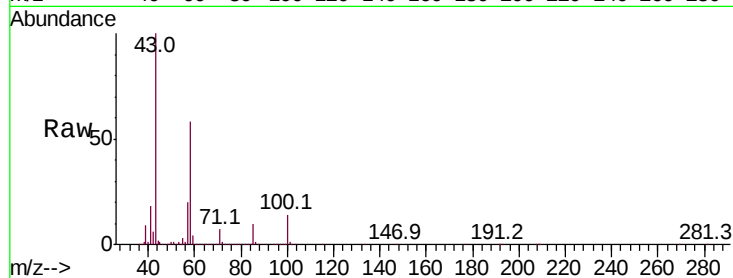




#59
2-Hexanone
Concen: 245.370 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

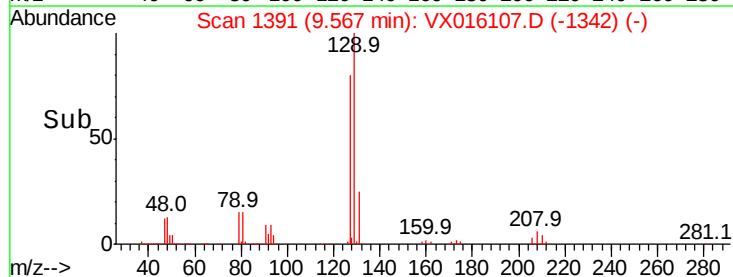
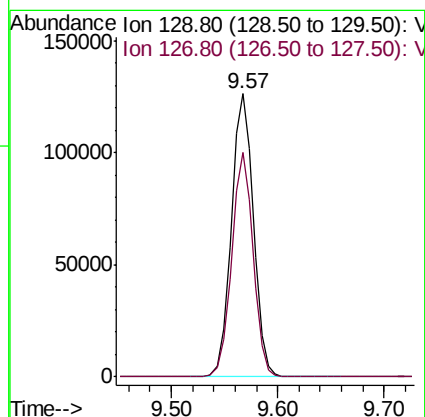
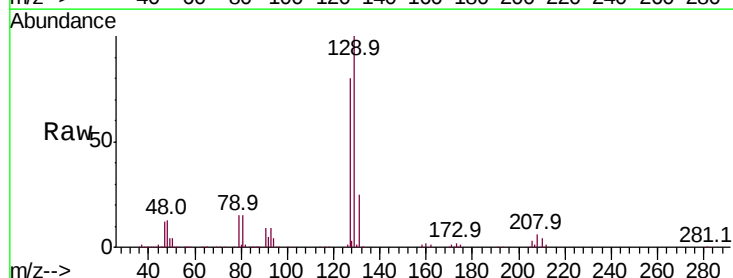
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

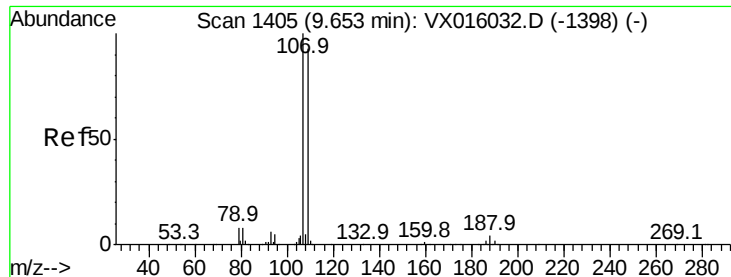
Tot Ion: 43 Resp: 1015816
Ion Ratio Lower Upper
43 100
58 57.9 28.6 85.9



#60
Dibromochloromethane
Concen: 49.845 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion: 129 Resp: 183500
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 48.617 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

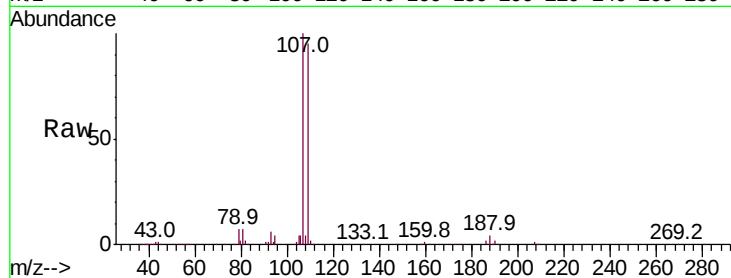
VSTDCCC050EC

Tot Ion:107 Resp: 176023

Ion Ratio Lower Upper

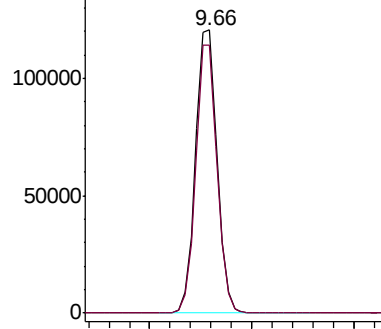
107 100

109 93.4 74.9 112.3

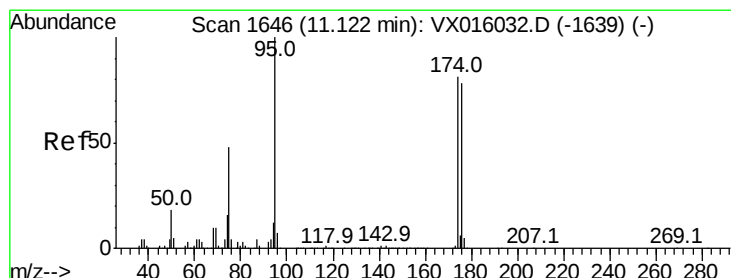
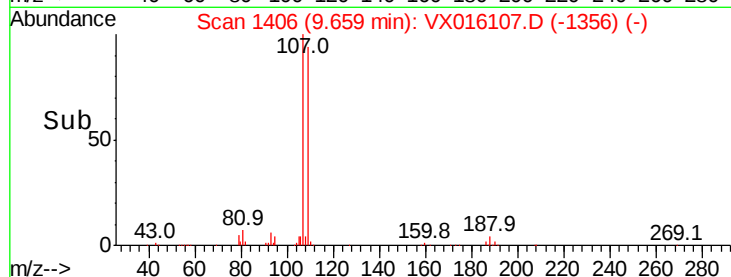


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 52.328 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

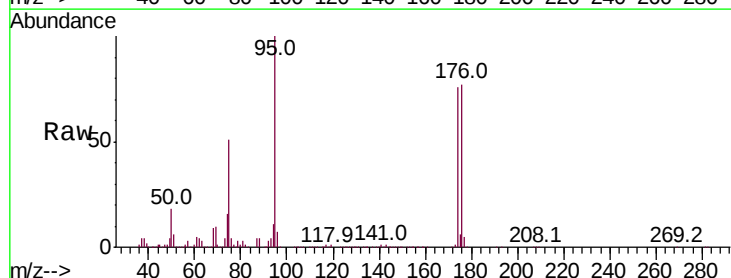
Tgt Ion: 95 Resp: 229924

Ion Ratio Lower Upper

95 100

174 79.7 0.0 159.4

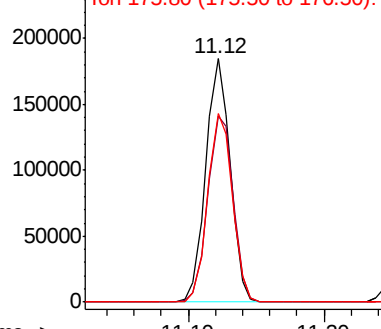
176 78.9 0.0 157.6



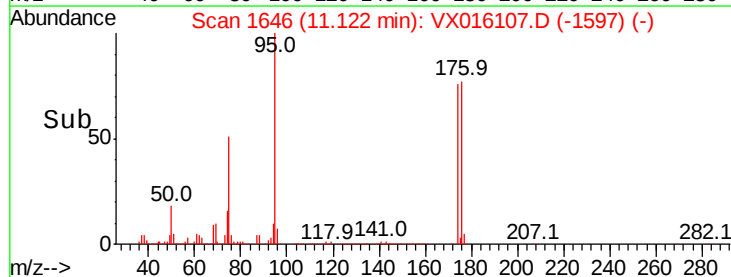
Abundance Ion 94.90 (94.60 to 95.60): VX0

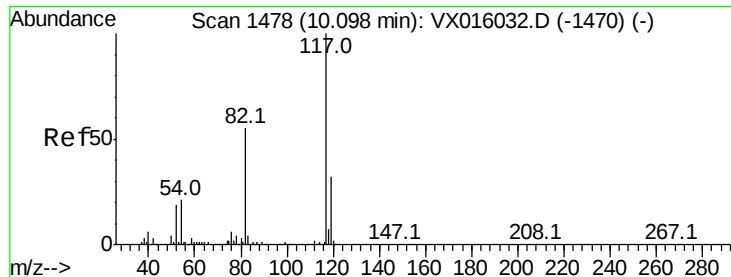
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

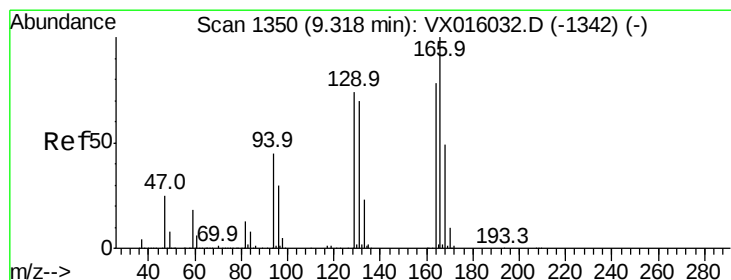
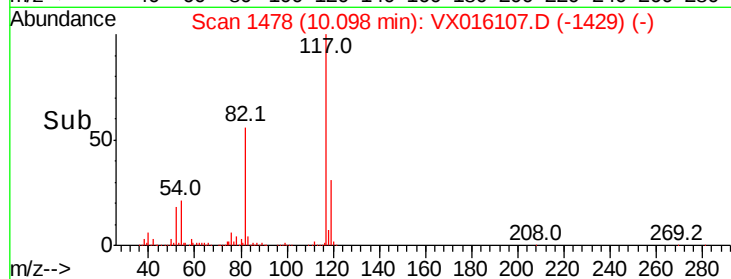
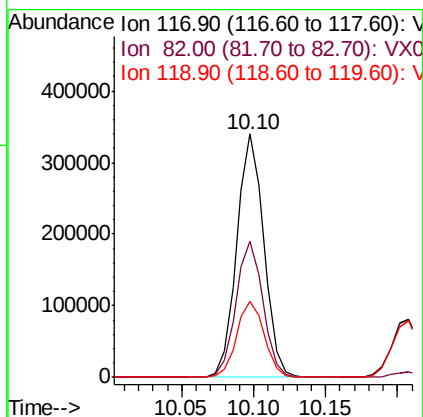
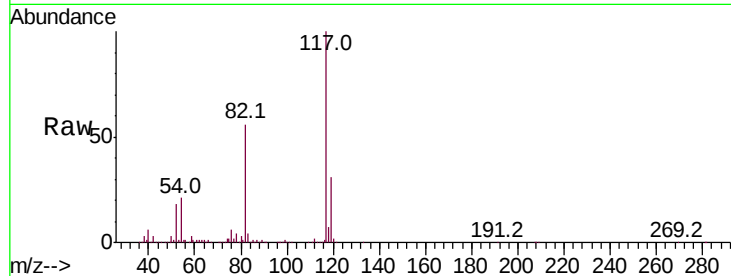




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

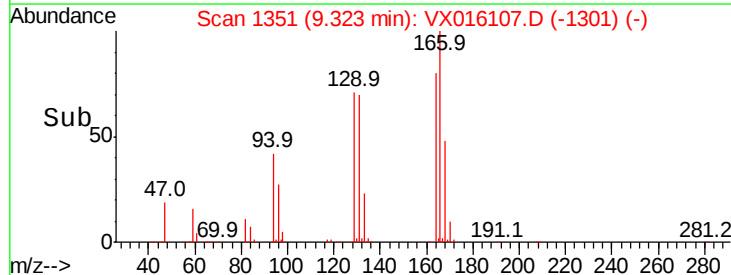
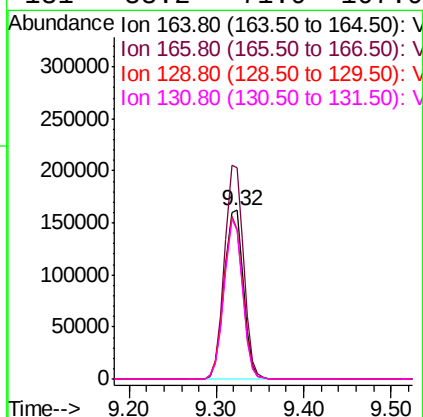
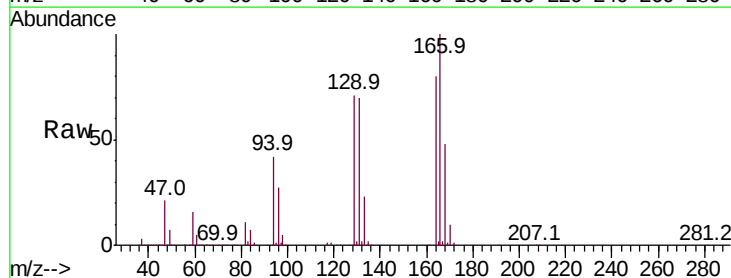
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

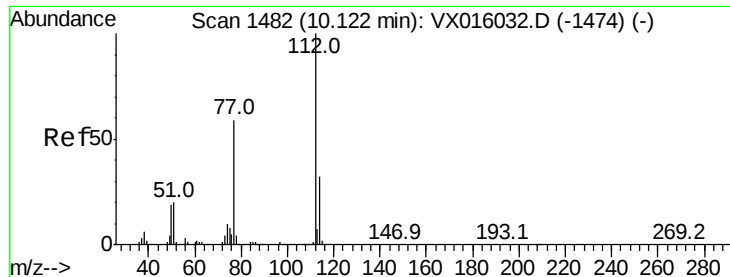
Tot Ion:117 Resp: 444014
Ion Ratio Lower Upper
117 100
82 56.1 44.4 66.6
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 45.079 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion:164 Resp: 245716
Ion Ratio Lower Upper
164 100
166 125.4 102.9 154.3
129 88.6 76.1 114.1
131 88.2 71.9 107.9

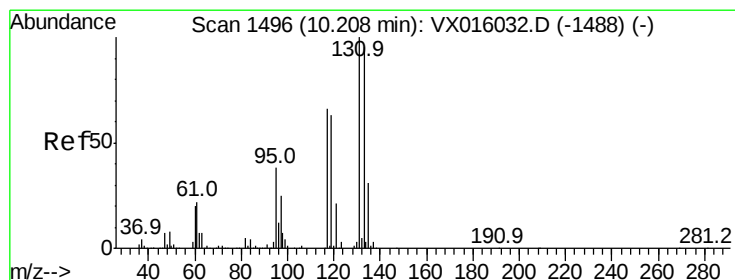
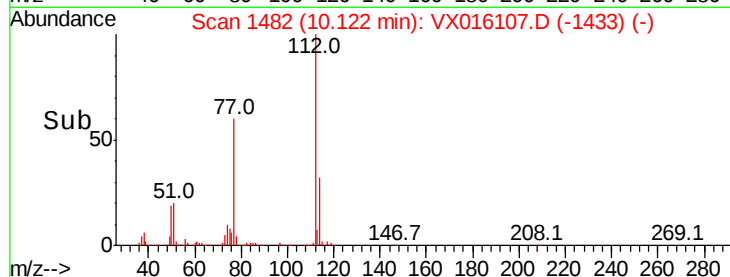
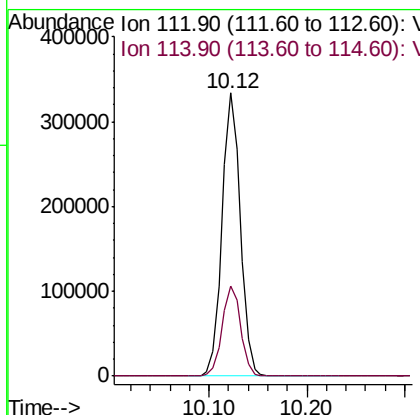
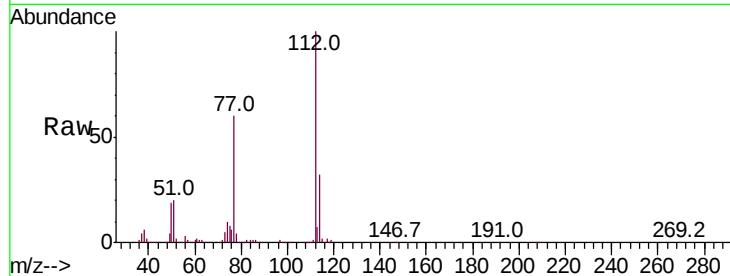




#65
Chlorobenzene
Concen: 46.542 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

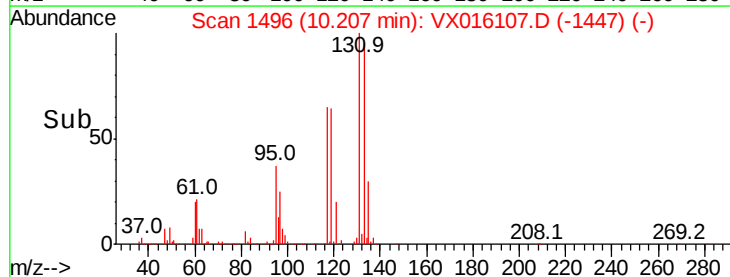
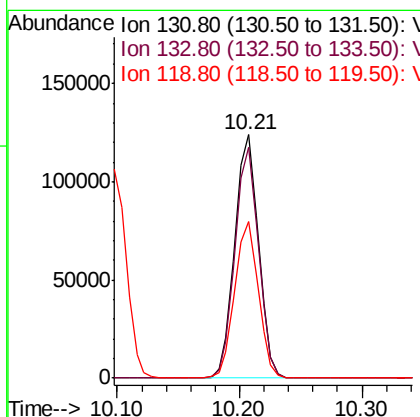
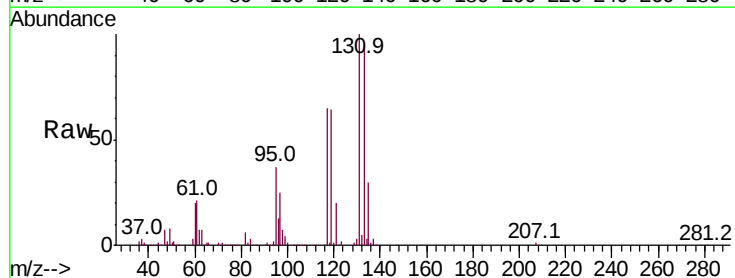
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

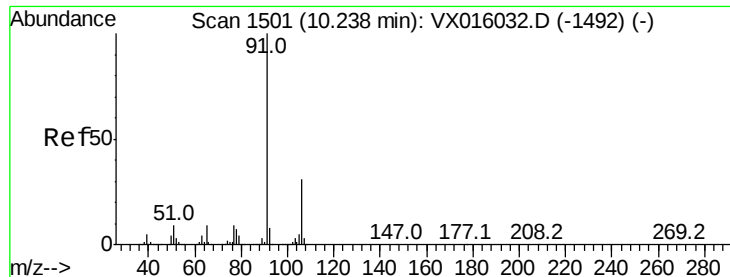
Tot Ion:112 Resp: 432710
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.098 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion:131 Resp: 165279
Ion Ratio Lower Upper
131 100
133 94.5 48.3 144.8
119 64.4 32.3 96.9





#67

Ethyl Benzene

Concen: 46.884 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

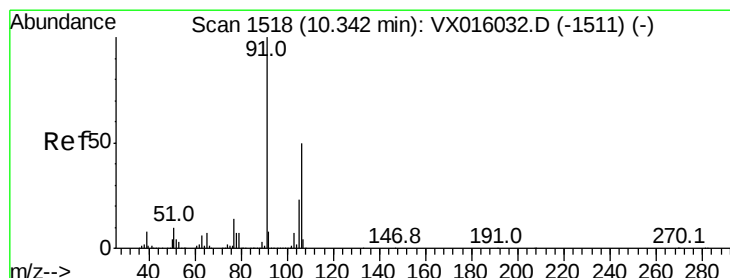
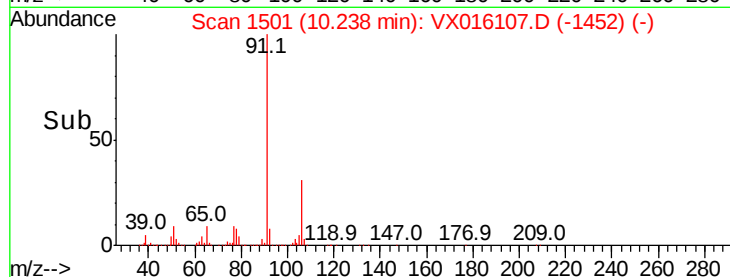
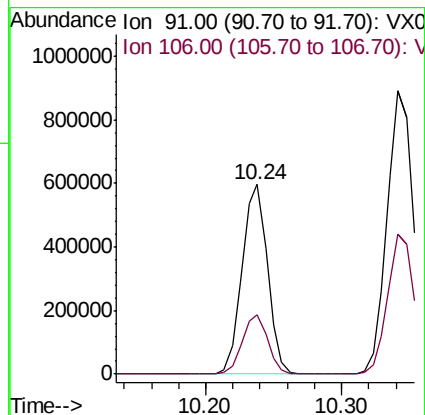
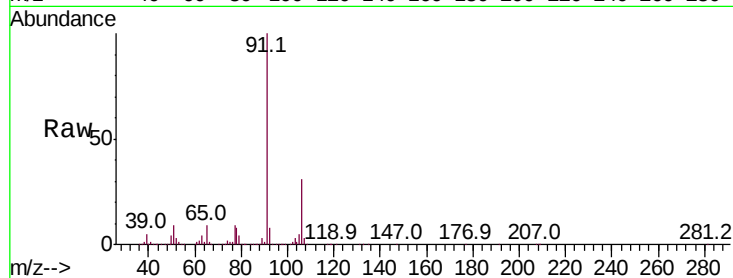
VSTDCCC050EC

Tot Ion: 91 Resp: 777737

Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7



#68

m/p-Xylenes

Concen: 95.663 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016107.D

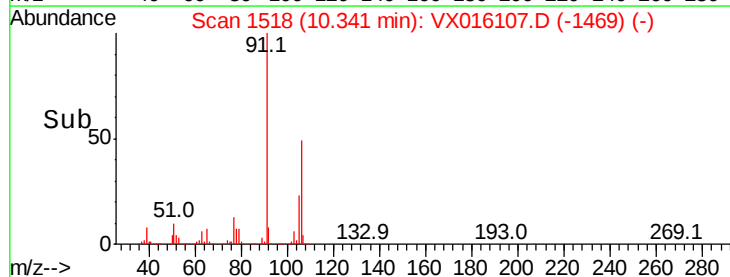
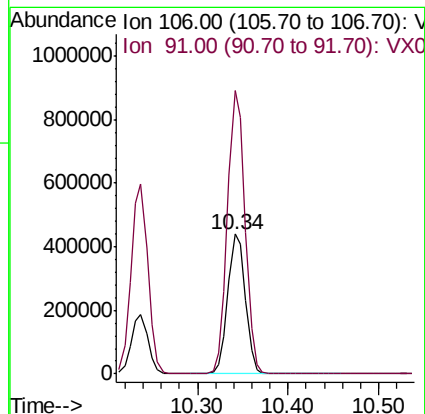
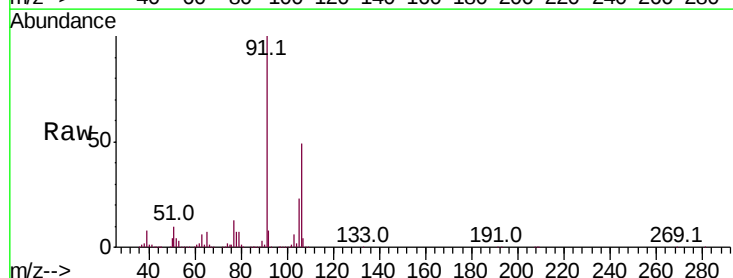
Acq: 07 May 2020 20:13

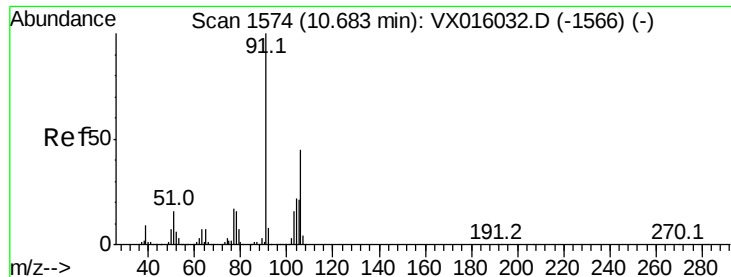
Tgt Ion: 106 Resp: 594551

Ion Ratio Lower Upper

106 100

91 202.1 161.7 242.5

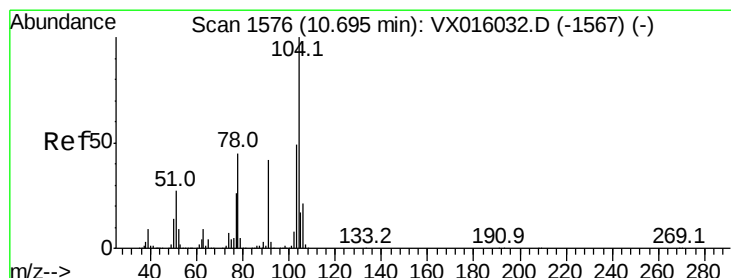
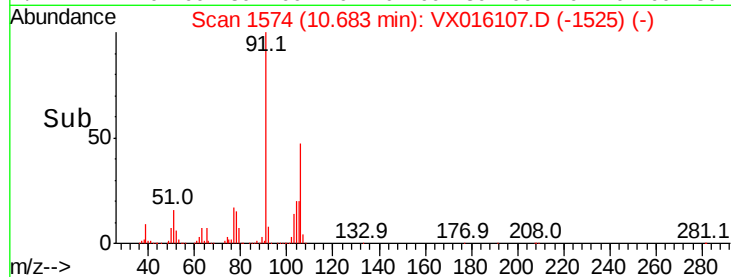
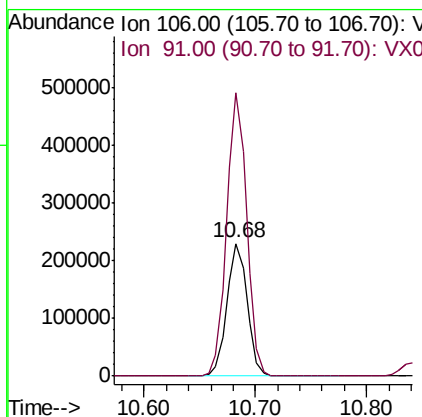
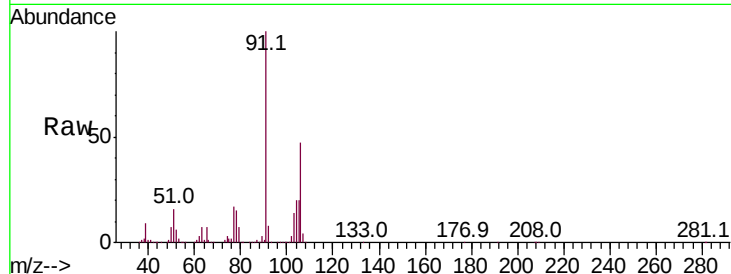




#69
o-Xylene
Concen: 48.390 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

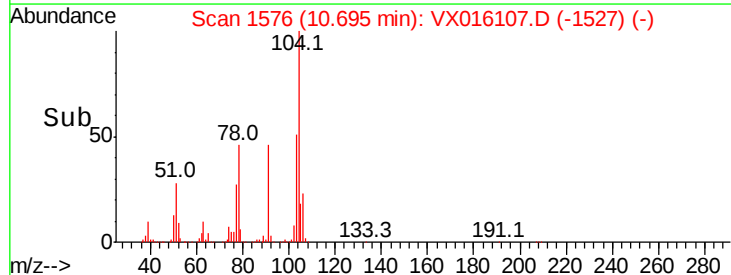
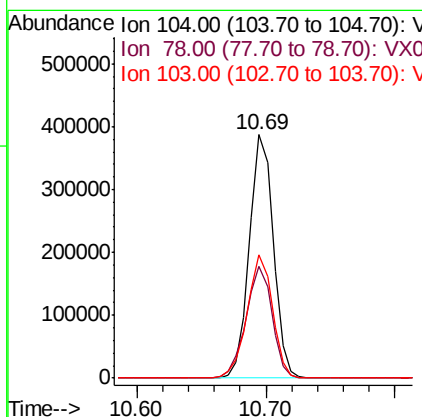
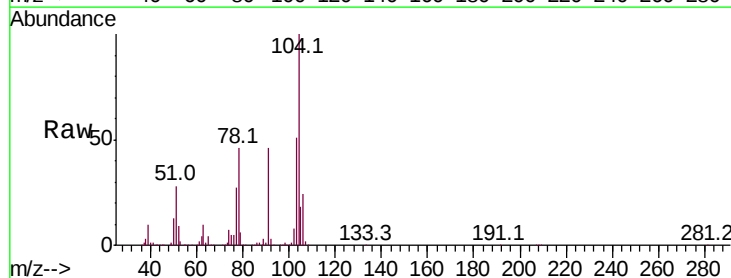
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

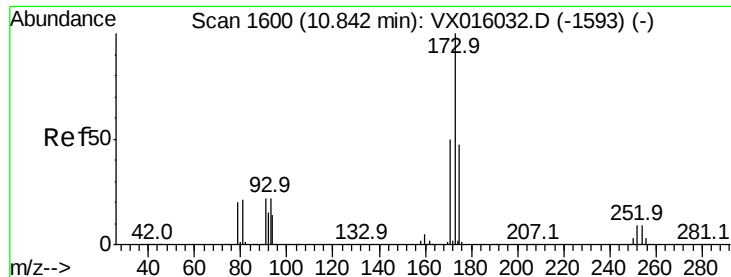
Tot Ion:106 Resp: 289091
Ion Ratio Lower Upper
106 100
91 211.6 107.5 322.6



#70
Styrene
Concen: 48.700 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion:104 Resp: 493583
Ion Ratio Lower Upper
104 100
78 50.3 40.2 60.2
103 53.8 43.0 64.6





#71

Bromoform

Concen: 49.493 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

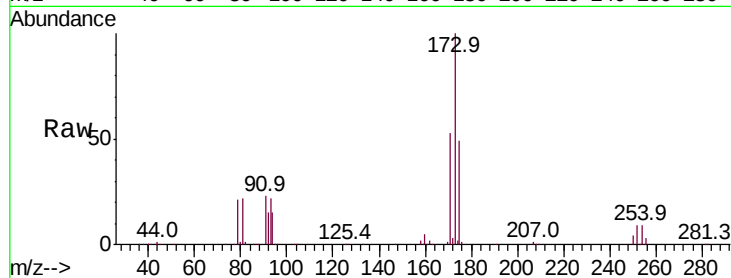
Tot Ion:173 Resp: 138564

Ion Ratio Lower Upper

173 100

175 48.8 24.0 72.0

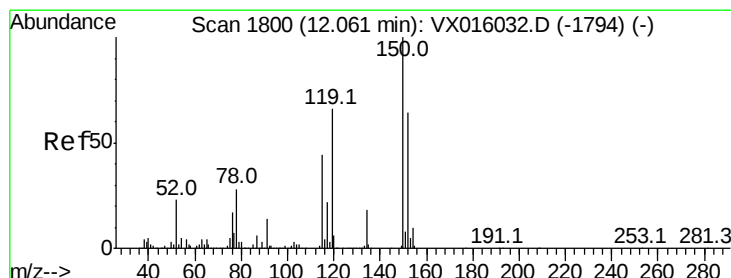
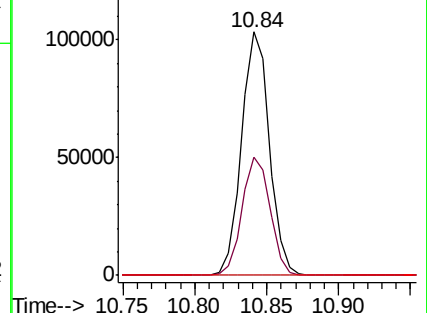
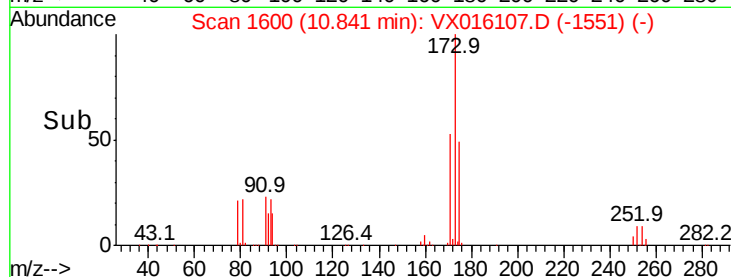
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

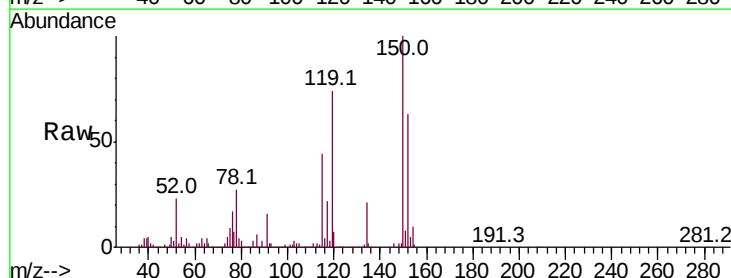
Tgt Ion:152 Resp: 223751

Ion Ratio Lower Upper

152 100

115 82.7 41.3 124.1

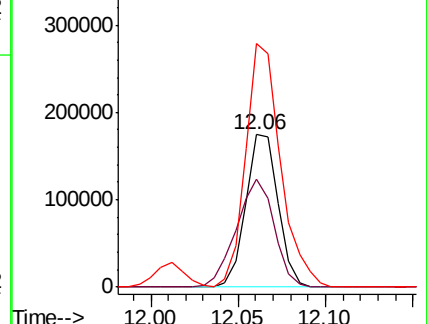
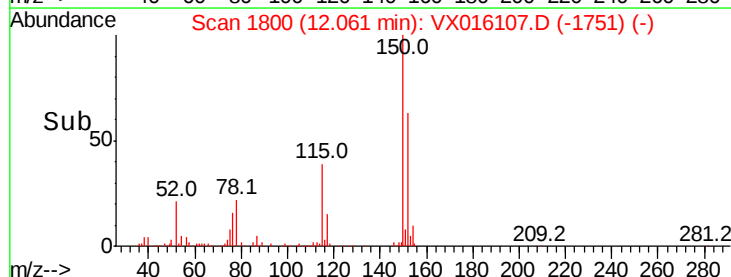
150 173.3 0.0 352.2

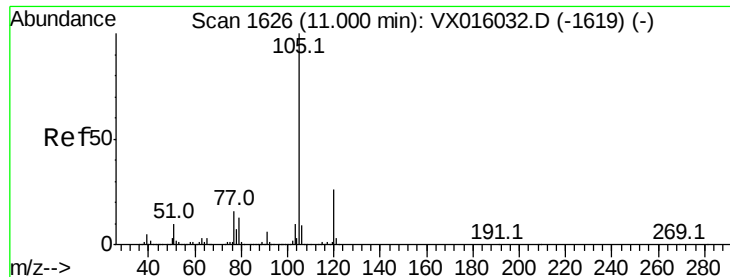


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.242 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

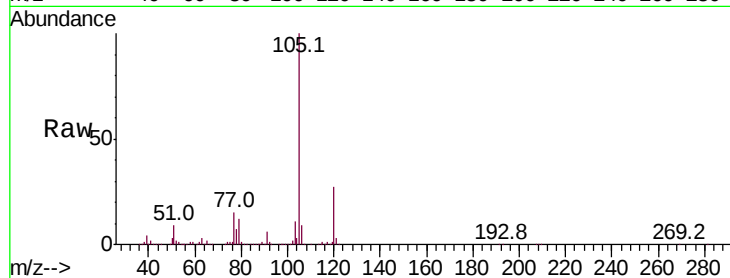
VSTDCCC050EC

Tot Ion:105 Resp: 768830

Ion Ratio Lower Upper

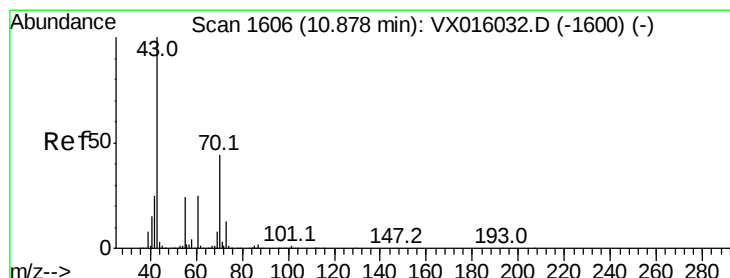
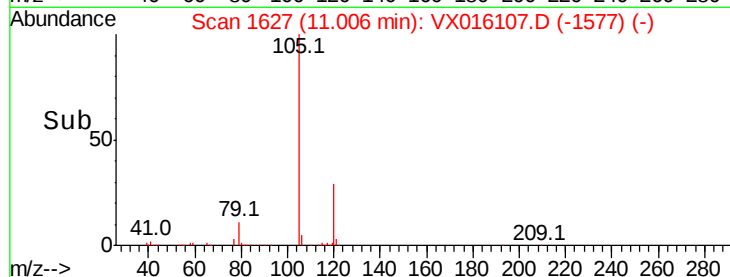
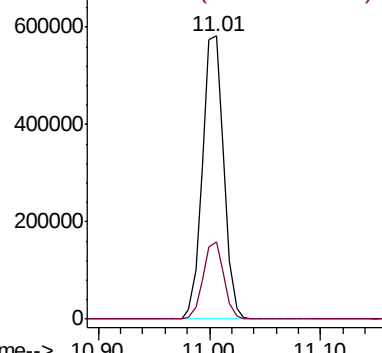
105 100

120 26.3 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: 47.148 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Tgt Ion: 43 Resp: 357906

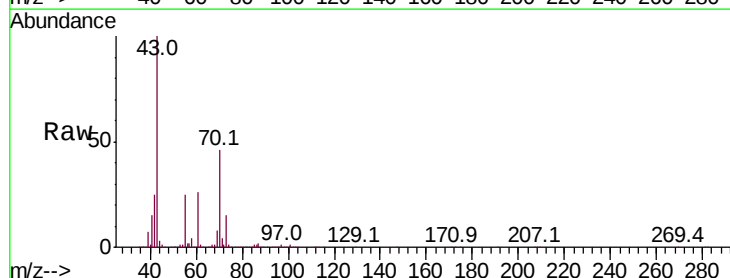
Ion Ratio Lower Upper

43 100

70 45.4 36.5 54.7

55 25.3 19.7 29.5

61 25.9 20.9 31.3

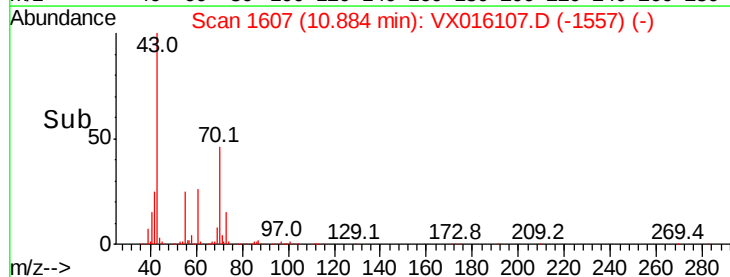
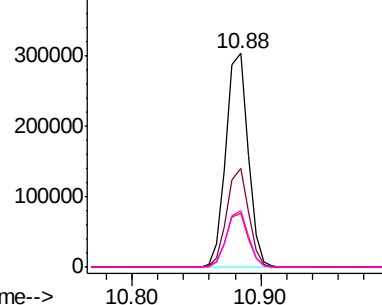


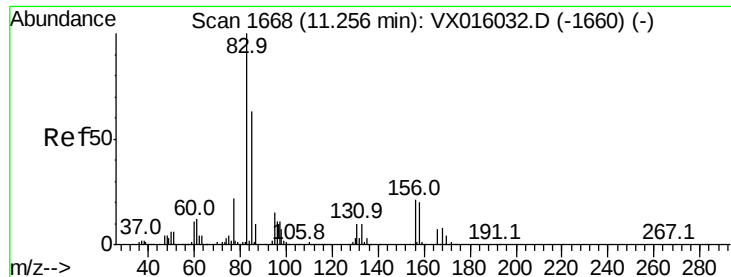
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.032 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

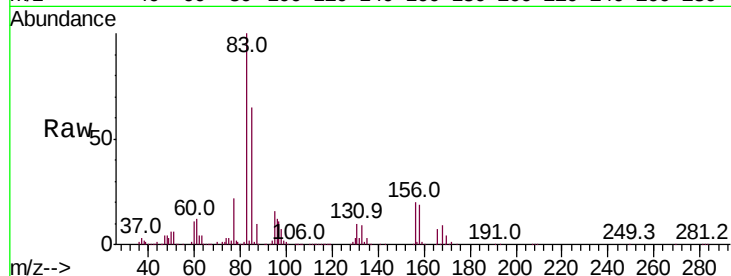
Tot Ion: 83 Resp: 170803

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

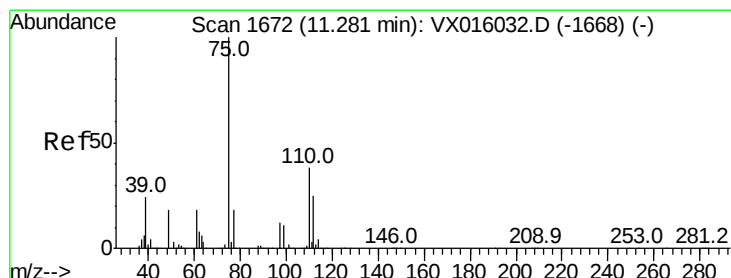
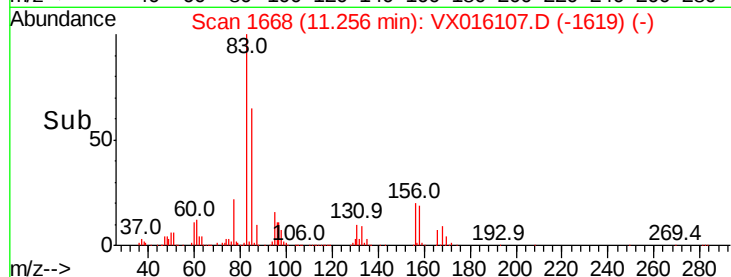
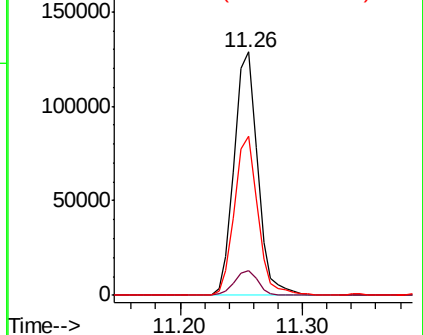
85 65.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.457 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016107.D

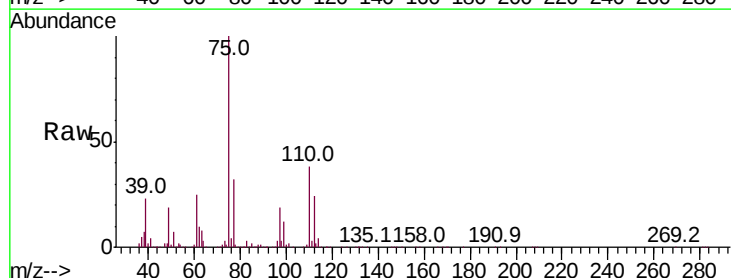
Acq: 07 May 2020 20:13

Tgt Ion: 75 Resp: 327275

Ion Ratio Lower Upper

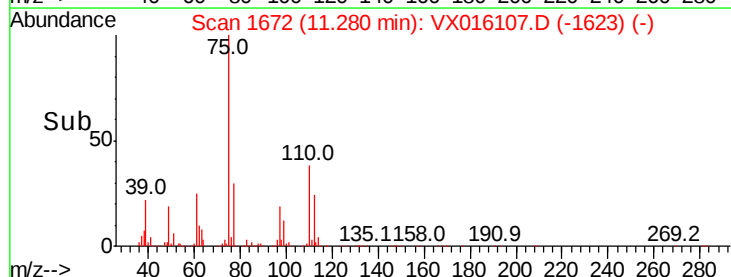
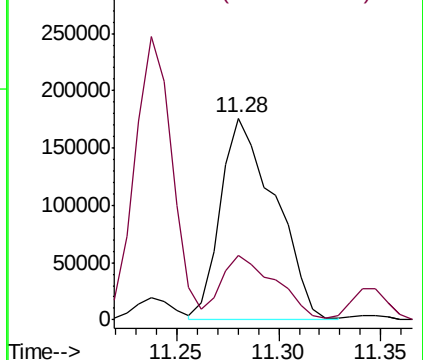
75 100

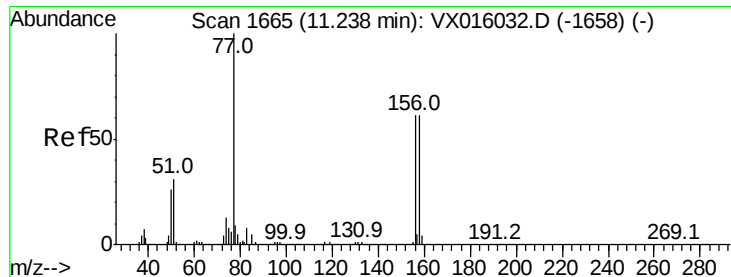
77 31.6 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.159 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

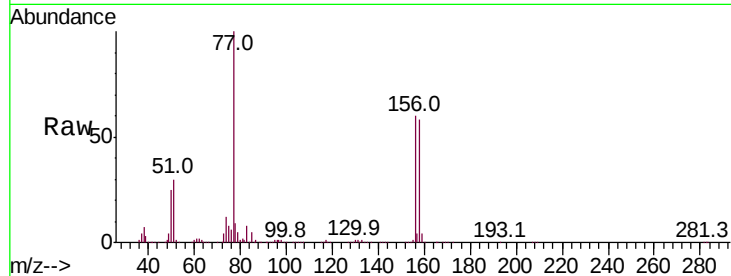
Tot Ion:156 Resp: 193899

Ion Ratio Lower Upper

156 100

77 161.8 80.1 240.3

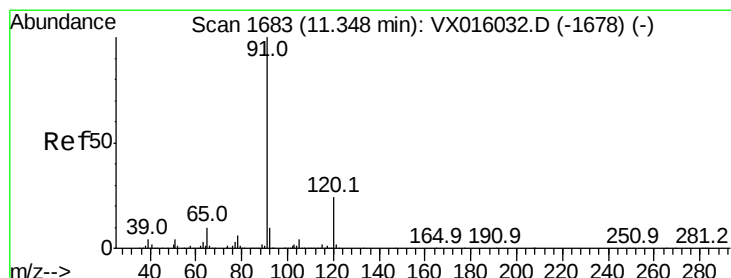
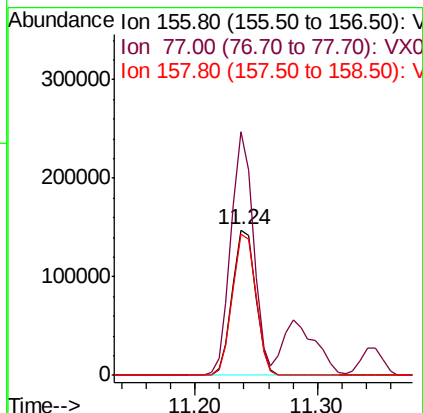
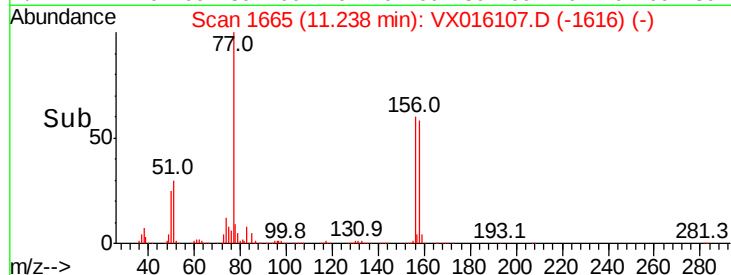
158 97.8 49.4 148.2



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: 46.838 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016107.D

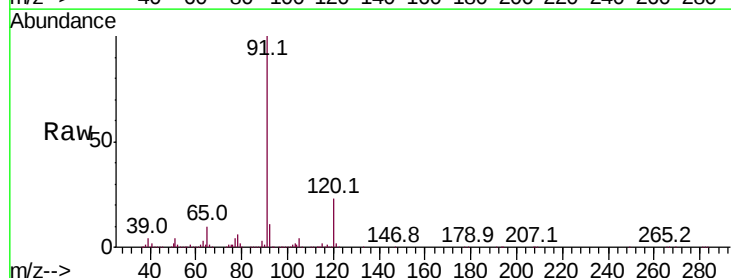
Acq: 07 May 2020 20:13

Tgt Ion: 91 Resp: 886767

Ion Ratio Lower Upper

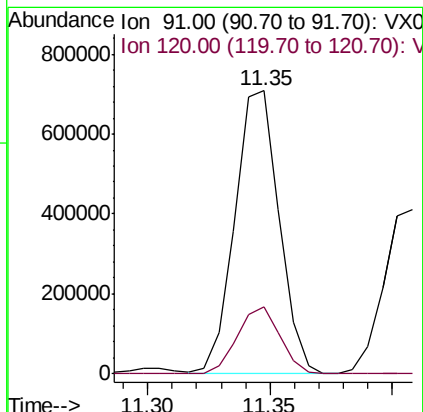
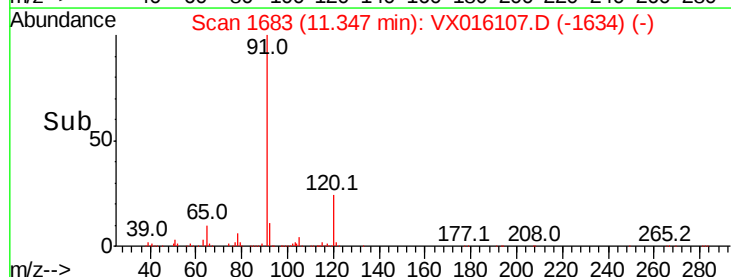
91 100

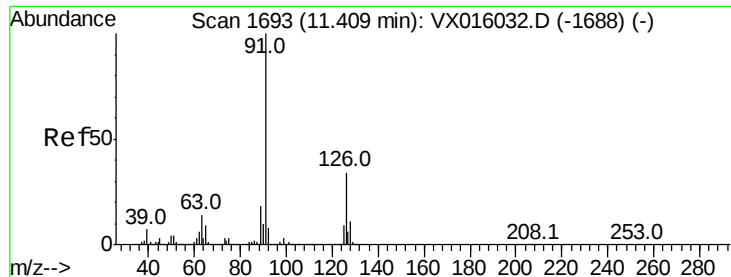
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.857 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

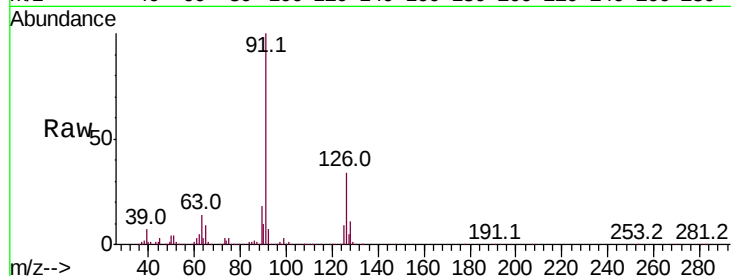
VSTDCCC050EC

Tot Ion: 91 Resp: 523652

Ion Ratio Lower Upper

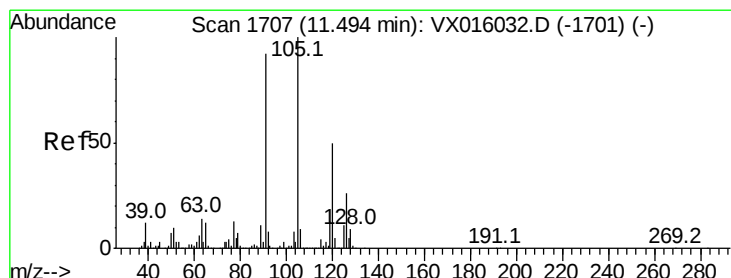
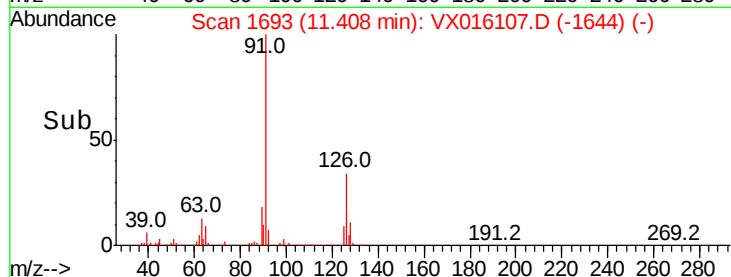
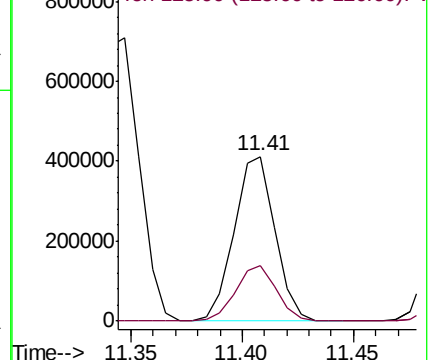
91 100

126 33.6 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX016107.D (-1644) (-)

Ion 125.90 (125.60 to 126.60): VX016107.D (-1644) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.918 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016107.D

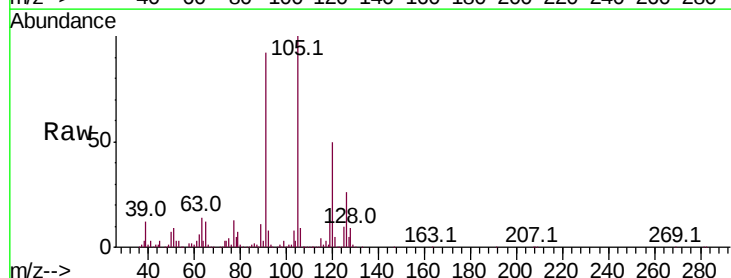
Acq: 07 May 2020 20:13

Tgt Ion:105 Resp: 644691

Ion Ratio Lower Upper

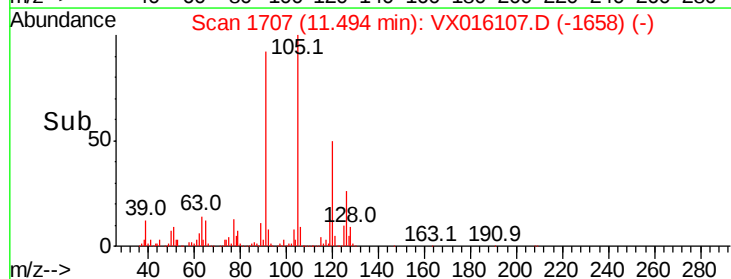
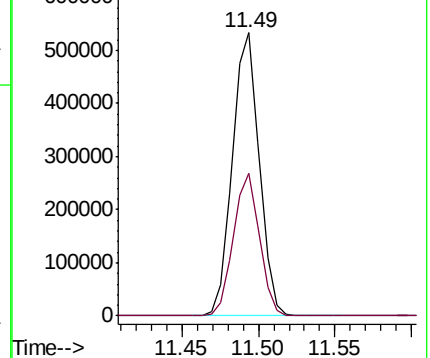
105 100

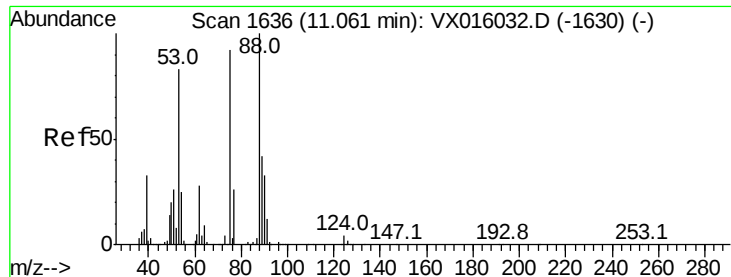
120 49.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016107.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX016107.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.489 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

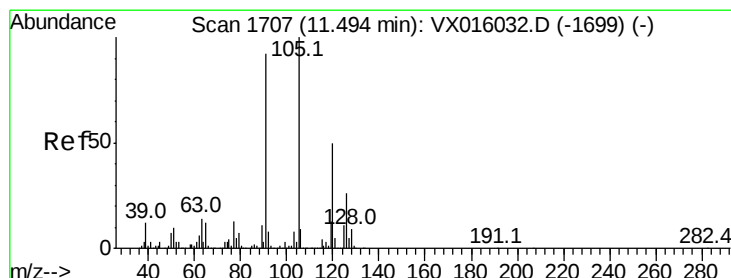
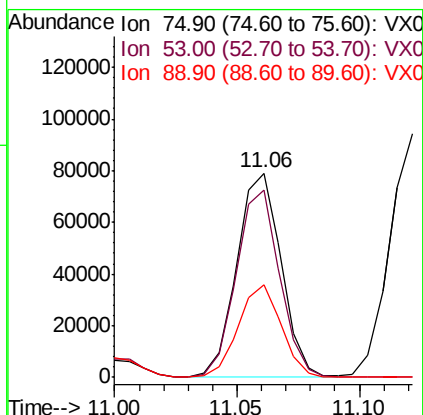
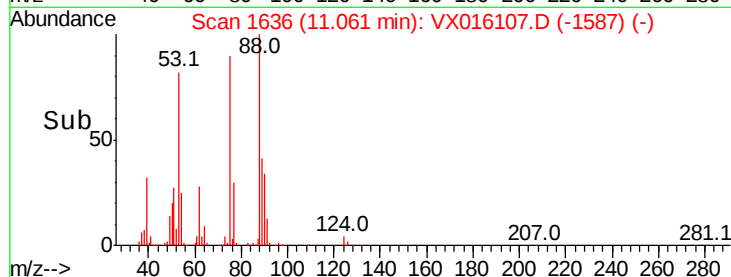
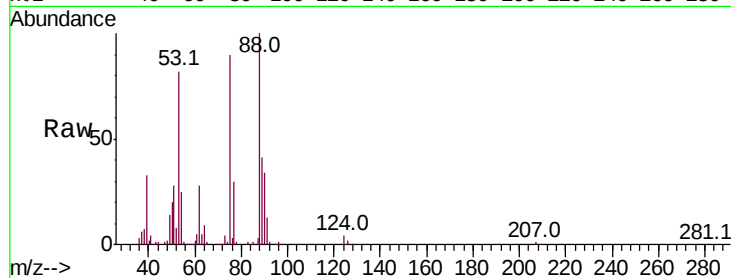
Tot Ion: 75 Resp: 99051

Ion Ratio Lower Upper

75 100

53 90.5 73.1 109.7

89 44.3 36.7 55.1



#82

4-Chlorotoluene

Concen: 46.725 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016107.D

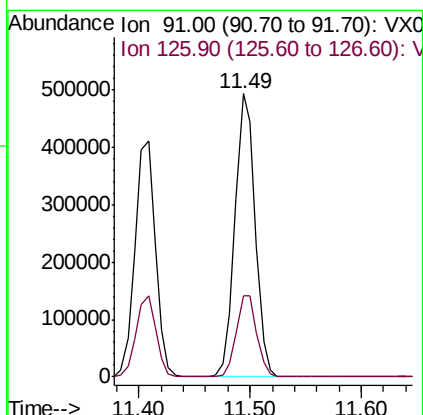
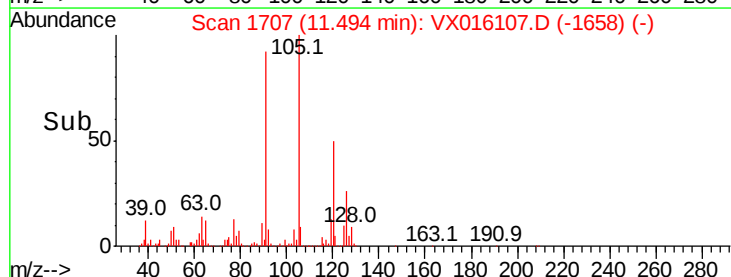
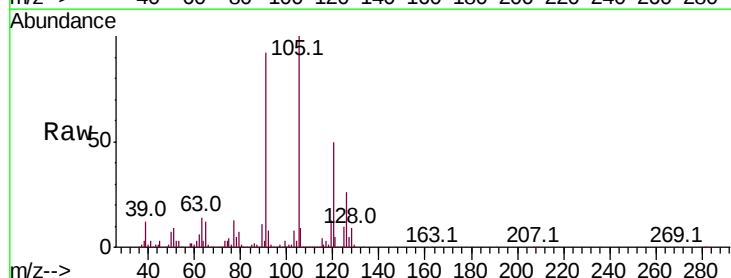
Acq: 07 May 2020 20:13

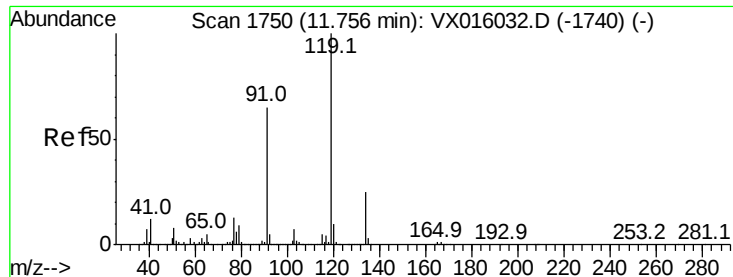
Tgt Ion: 91 Resp: 616621

Ion Ratio Lower Upper

91 100

126 29.2 14.8 44.3





#83

tert-Butylbenzene

Concen: 47.830 ug/l

RT: 11.76 min Scan# 1750

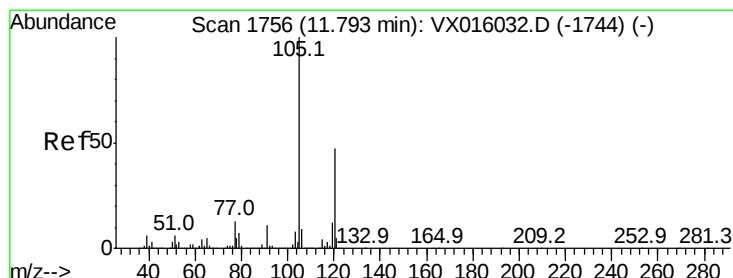
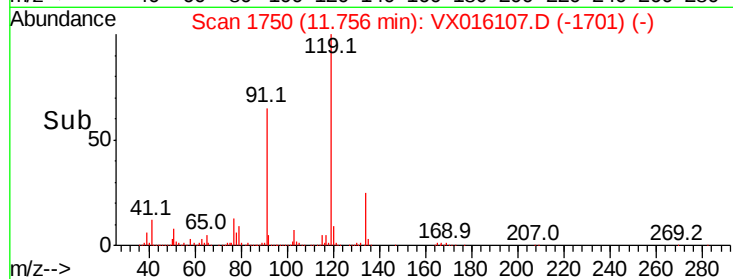
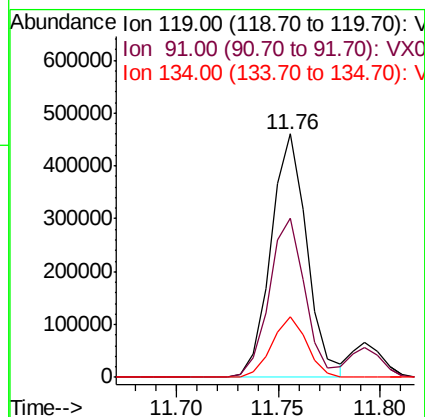
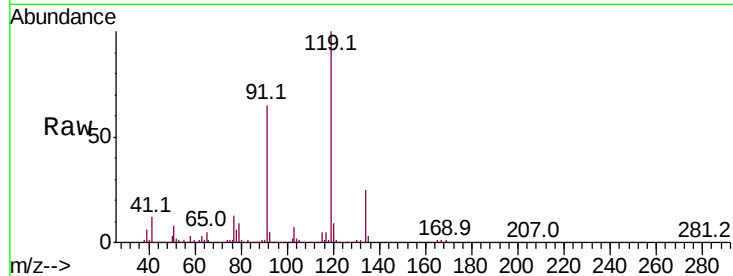
Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.7	32.8	98.4
134	24.1	12.4	37.0



#84

1,2,4-Trimethylbenzene

Concen: 47.492 ug/l

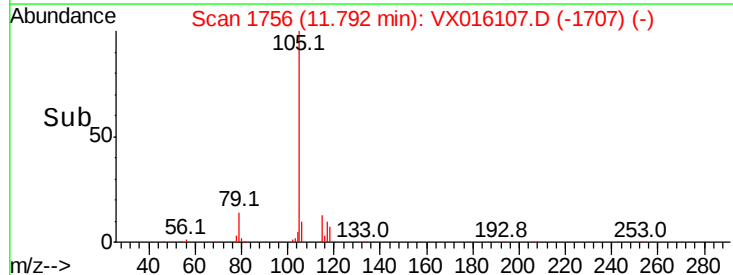
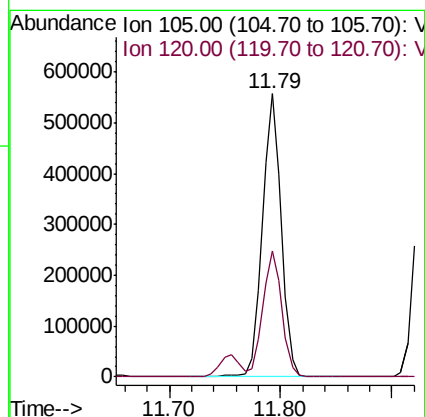
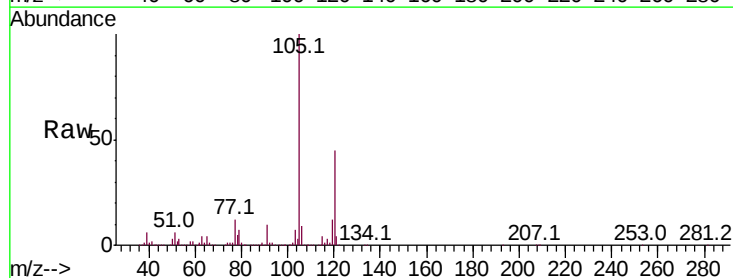
RT: 11.79 min Scan# 1756

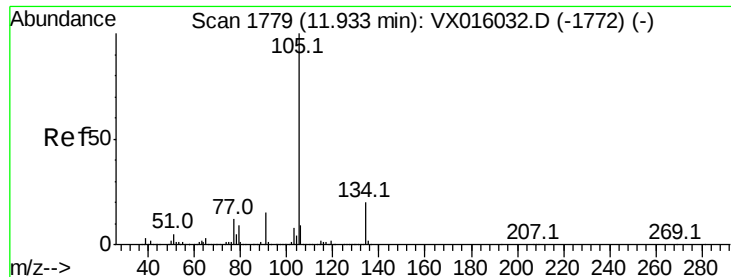
Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	23.0	69.0

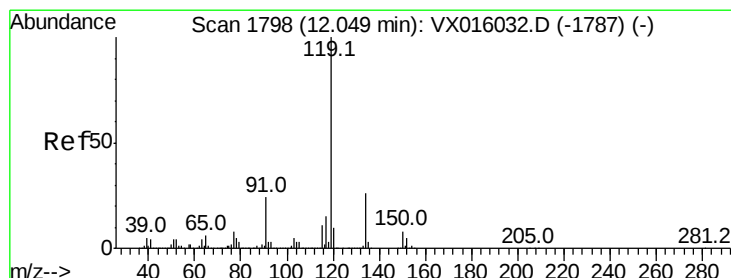
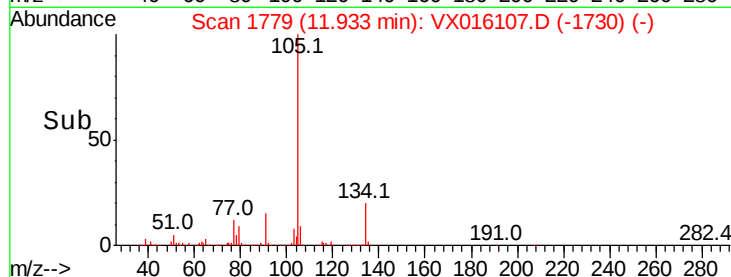
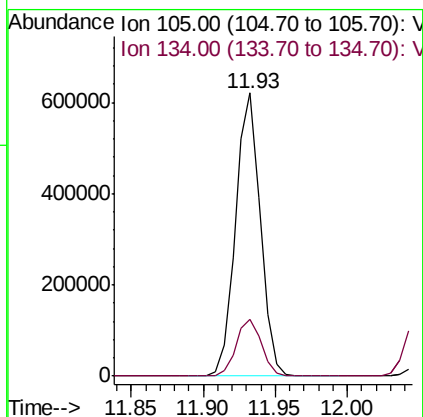
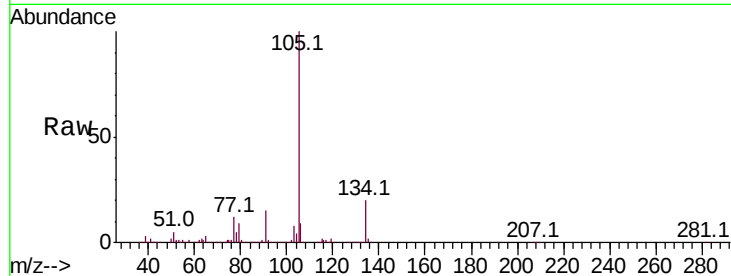




#85
 sec-Butylbenzene
 Concen: 46.477 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

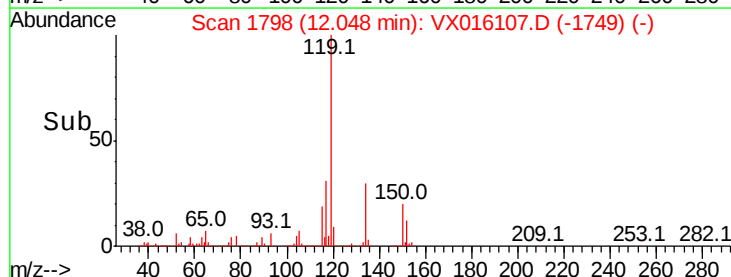
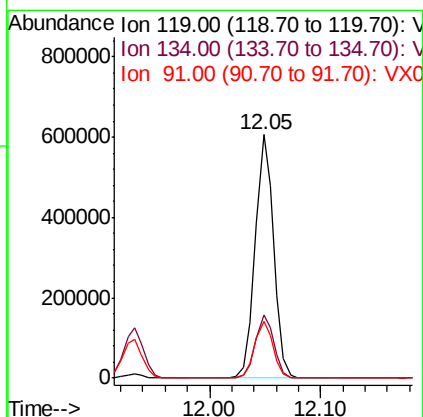
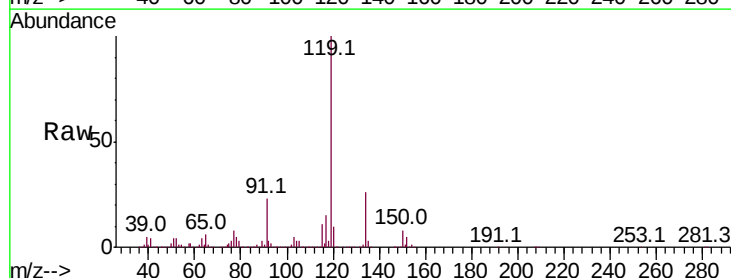
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

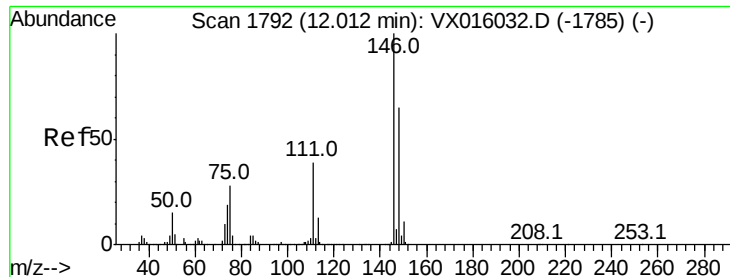
Tot Ion:105 Resp: 743101
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 46.969 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Tgt Ion:119 Resp: 697236
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 23.4 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 44.994 ug/l

RT: 12.01 min Scan# 1792

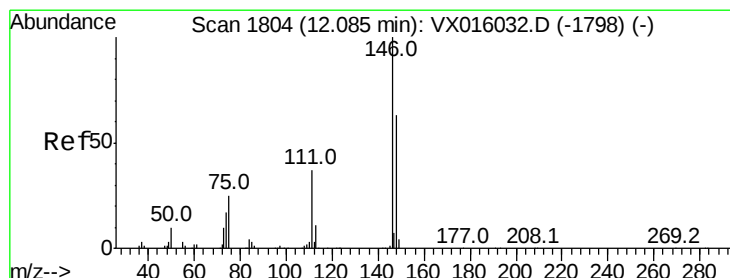
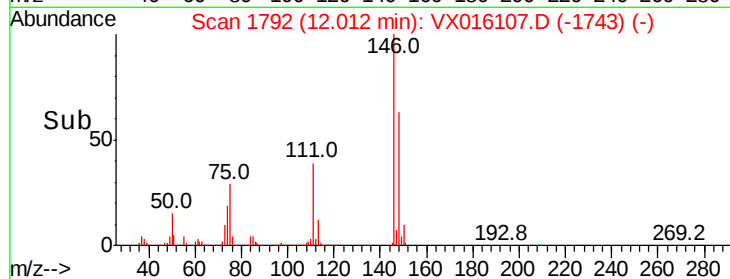
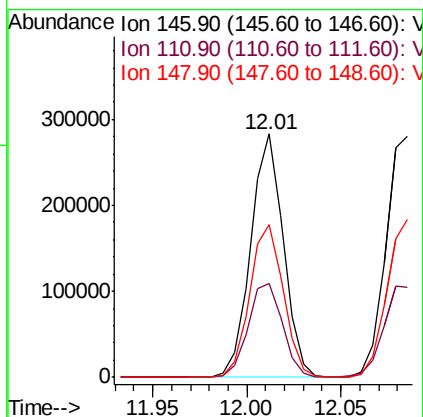
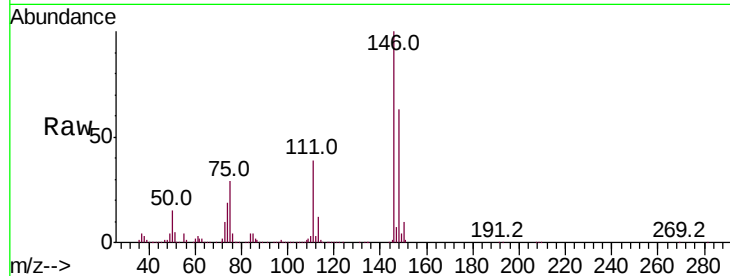
Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.2	60.6
148	64.7	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 45.234 ug/l

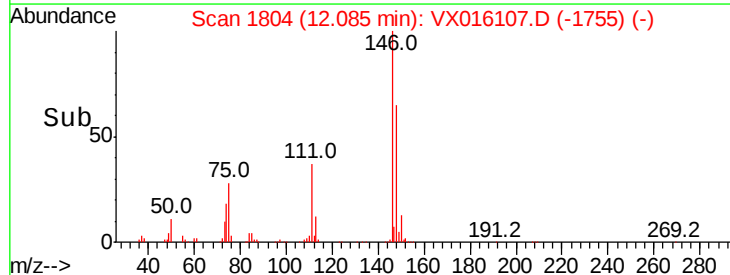
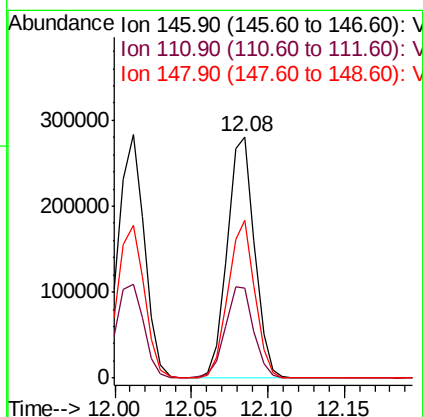
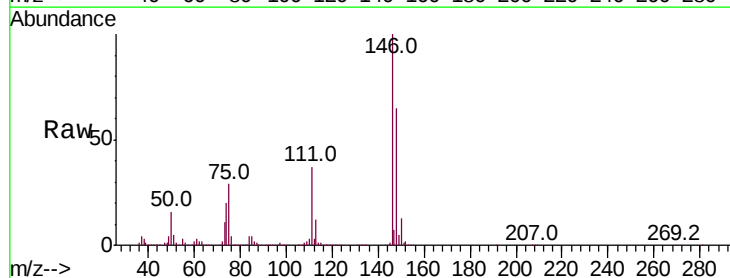
RT: 12.08 min Scan# 1804

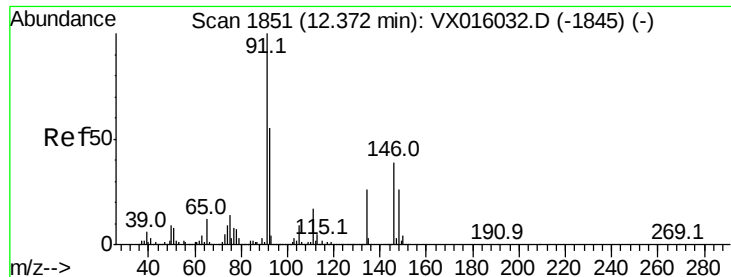
Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	64.0	31.8	95.3

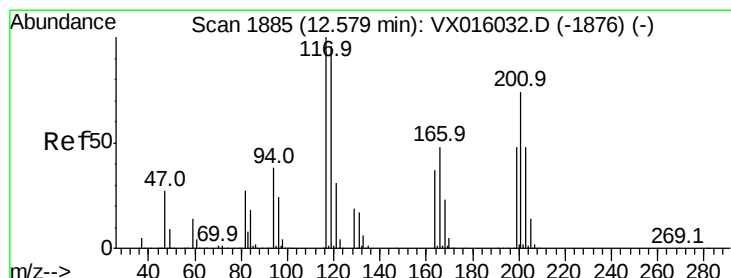
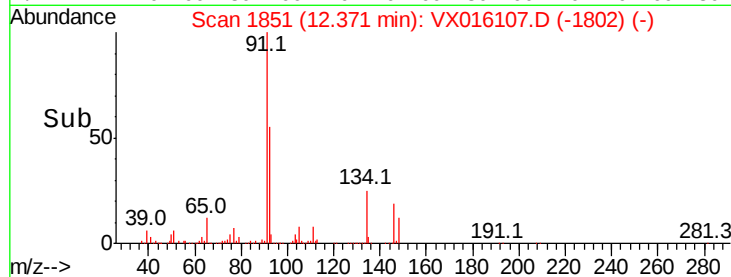
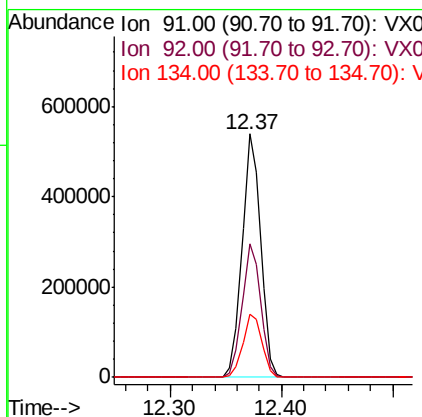
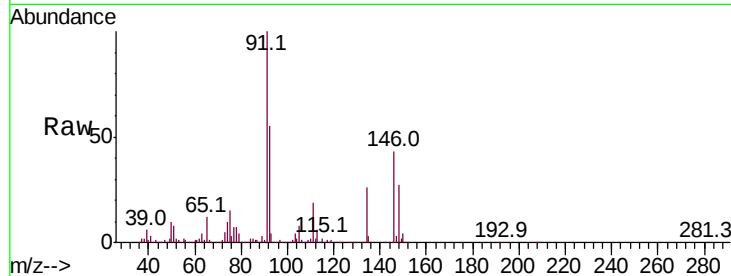




#89
n-Butylbenzene
Concen: 45.785 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

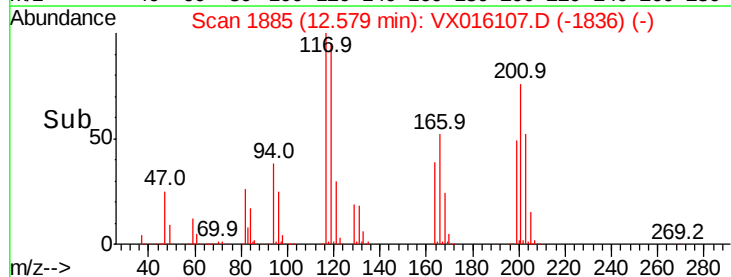
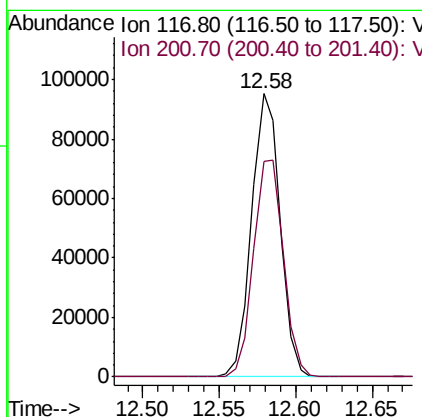
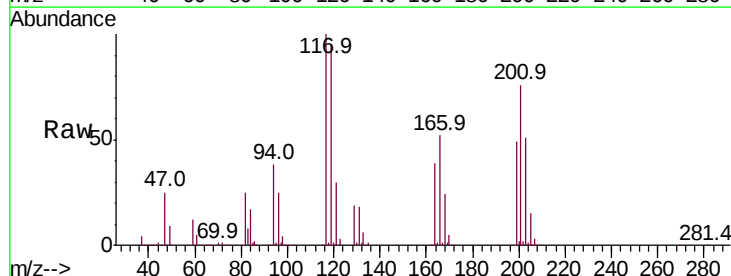
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

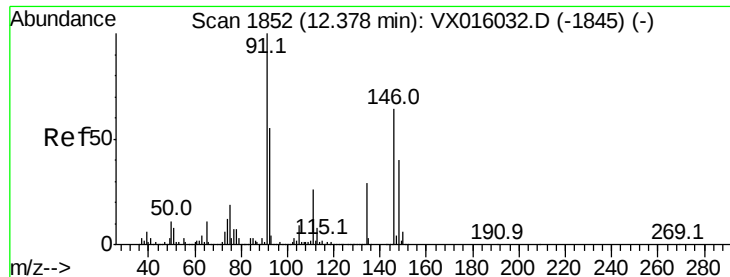
Tot Ion: 91 Resp: 620906
Ion Ratio Lower Upper
91 100
92 55.1 27.6 82.7
134 26.4 13.4 40.1



#90
Hexachloroethane
Concen: 48.388 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion: 117 Resp: 123361
Ion Ratio Lower Upper
117 100
201 80.7 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 45.979 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

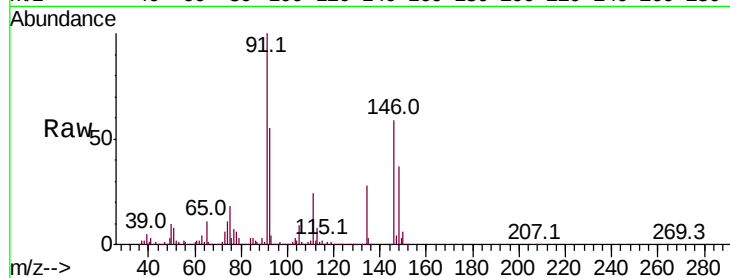
Tot Ion:146 Resp: 333930

Ion Ratio Lower Upper

146 100

111 42.3 21.1 63.1

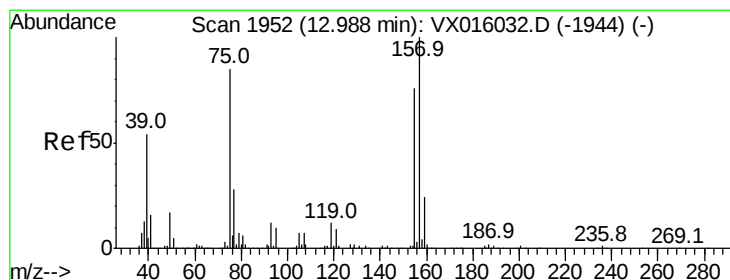
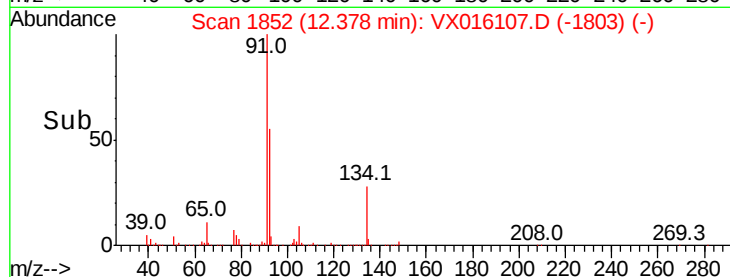
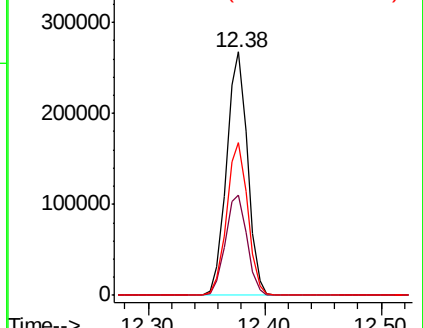
148 63.0 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.337 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

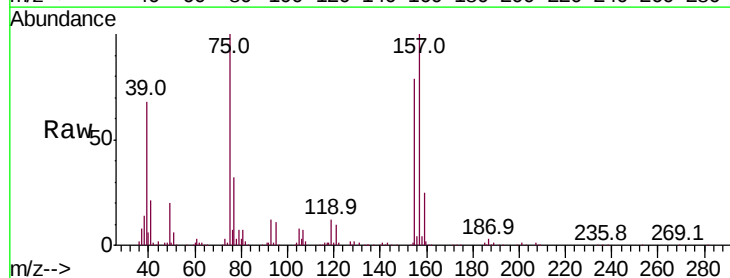
Tgt Ion: 75 Resp: 62008

Ion Ratio Lower Upper

75 100

155 85.8 42.5 127.5

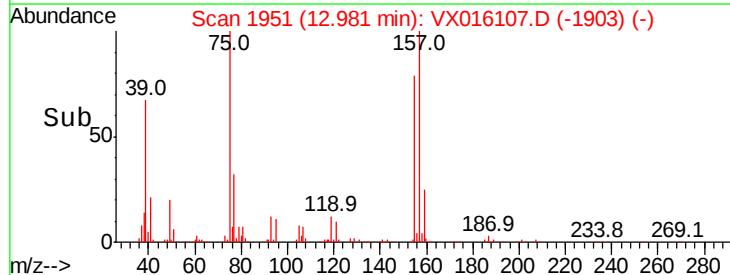
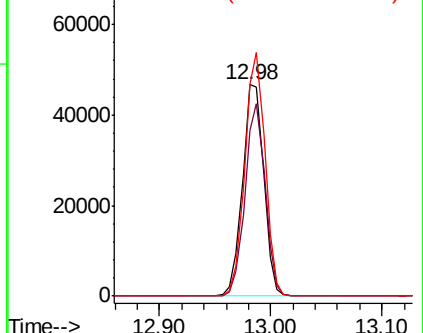
157 109.2 55.3 165.8

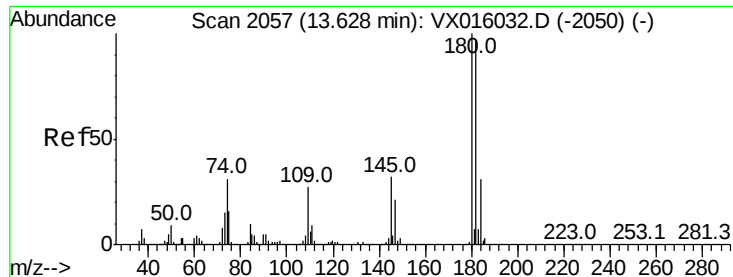


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

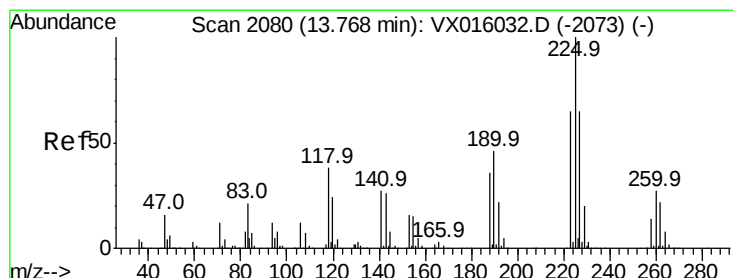
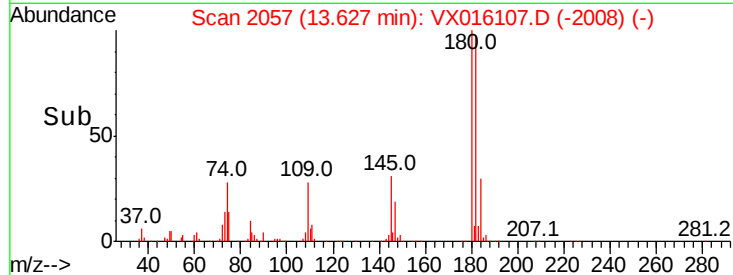
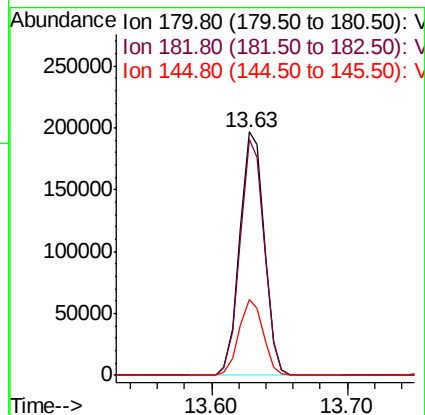
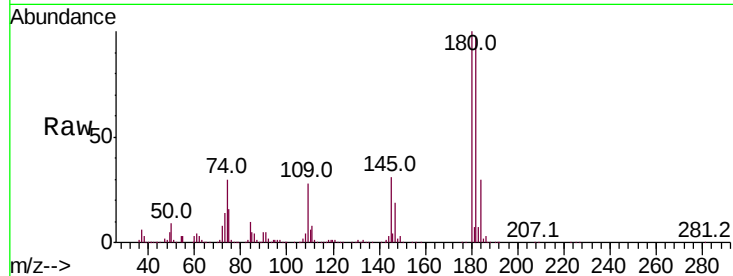




#93
 1,2,4-Trichlorobenzene
 Concen: 45.873 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

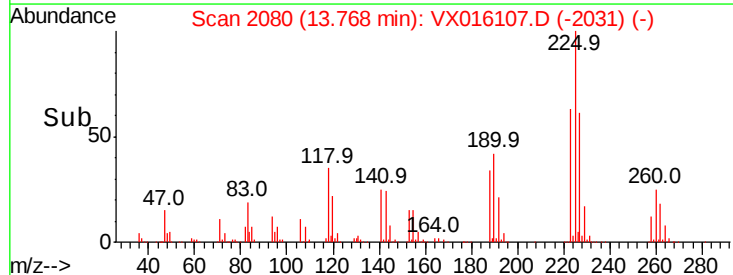
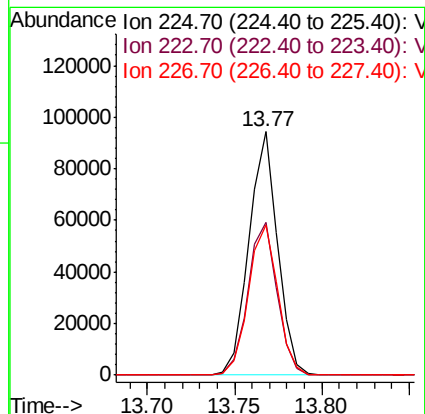
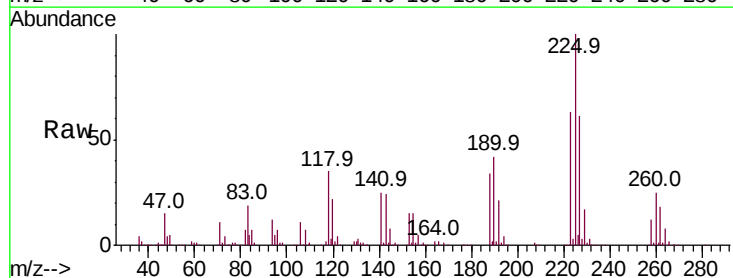
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

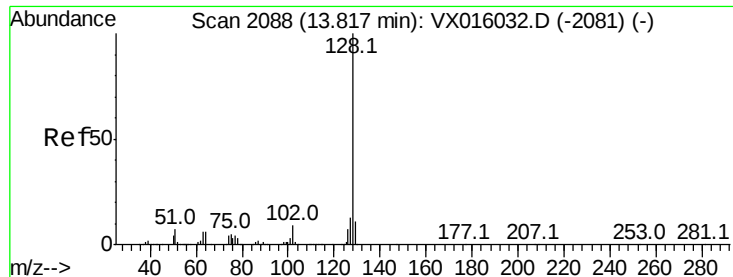
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.7	146.1
145	30.7	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 46.444 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.3	96.9
227	63.2	31.8	95.4

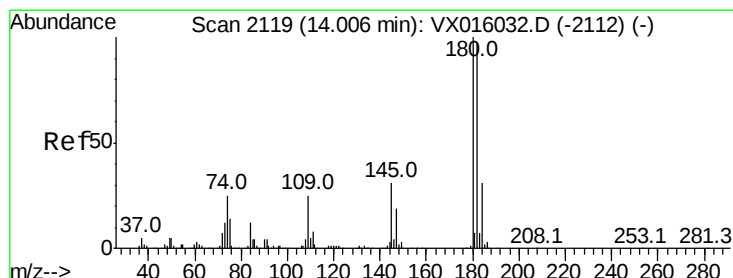
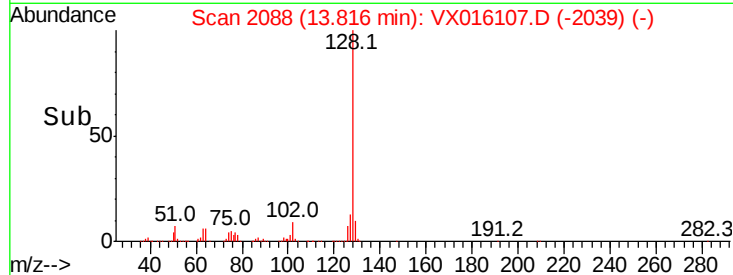
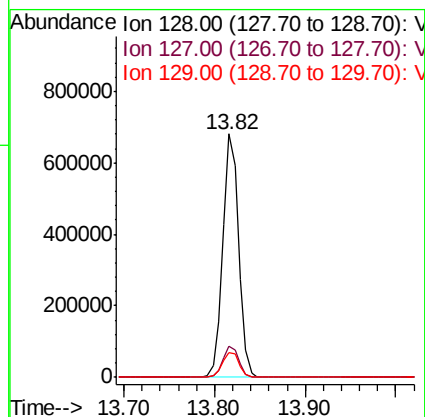
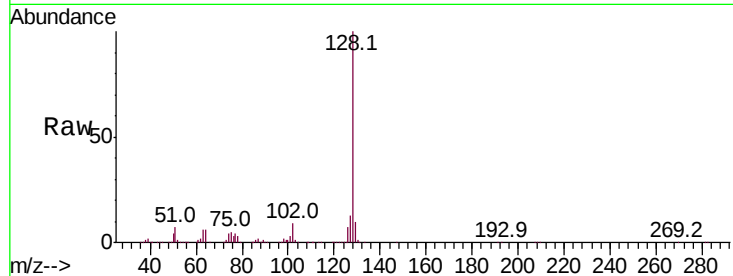




#95
Naphthalene
Concen: 47.518 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 827323
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.368 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion:180 Resp: 243665
Ion Ratio Lower Upper
180 100
182 96.0 48.4 145.0
145 32.4 16.4 49.1

