

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\
 Data File : VX016051.D
 Acq On : 05 May 2020 09:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 06 04:51:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 04:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	340109	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	530678	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	498740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	251228	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	197722	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	
35) Dibromofluoromethane	5.46	113	153970	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
50) Toluene-d8	8.70	98	603132	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
62) 4-Bromofluorobenzene	11.12	95	236401	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	181834	50.510	ug/l	99
3) Chloromethane	1.31	50	196244	46.940	ug/l	100
4) Vinyl Chloride	1.39	62	214753	48.146	ug/l	99
5) Bromomethane	1.62	94	112873	50.195	ug/l	97
6) Chloroethane	1.71	64	134024	49.383	ug/l	97
7) Trichlorofluoromethane	1.92	101	287706	49.131	ug/l	99
8) Diethyl Ether	2.17	74	117718	47.711	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	164910	48.812	ug/l	99
10) Methyl Iodide	2.49	142	200440	44.168	ug/l	99
11) Tert butyl alcohol	3.01	59	251297	222.046	ug/l	100
12) 1,1-Dichloroethene	2.36	96	167099	47.264	ug/l	95
13) Acrolein	2.27	56	155496	219.565	ug/l	99
14) Allyl chloride	2.70	41	314746	48.554	ug/l	99
15) Acrylonitrile	3.11	53	537979	229.143	ug/l	100
16) Acetone	2.42	43	473042	236.886	ug/l	98
17) Carbon Disulfide	2.55	76	522286	49.189	ug/l	99
18) Methyl Acetate	2.75	43	226709	46.173	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	594916	48.813	ug/l	100
20) Methylene Chloride	2.83	84	188974	45.905	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	185600	47.109	ug/l	99
22) Diisopropyl ether	3.82	45	593613	48.539	ug/l	90
23) Vinyl Acetate	3.78	43	2646566	245.978	ug/l	99
24) 1,1-Dichloroethane	3.67	63	331165	48.408	ug/l	99
25) 2-Butanone	4.63	43	735382	228.532	ug/l	99
26) 2,2-Dichloropropane	4.55	77	305327	48.870	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	206382	47.916	ug/l	100
28) Bromochloromethane	4.98	49	150583	48.272	ug/l	100
29) Tetrahydrofuran	5.09	42	488111	228.929	ug/l	100
30) Chloroform	5.17	83	326046	47.867	ug/l	98
31) Cyclohexane	5.54	56	309584	49.794	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	297200	48.001	ug/l	99
36) 1,1-Dichloropropene	5.77	75	258751	49.533	ug/l	98
37) Ethyl Acetate	4.79	43	290224	47.935	ug/l	99
38) Carbon Tetrachloride	5.75	117	265736	50.048	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 04:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	321982	51.183	ug/l	100
40) Benzene	6.11	78	749123	49.012	ug/l	99
41) Methacrylonitrile	5.00	41	159925	48.911	ug/l	99
42) 1,2-Dichloroethane	6.16	62	266018	48.314	ug/l	100
43) Isopropyl Acetate	6.41	43	468554	48.504	ug/l	100
44) Trichloroethene	7.19	130	270889	49.887	ug/l	97
45) 1,2-Dichloropropane	7.49	63	192678	49.820	ug/l	99
46) Dibromomethane	7.63	93	127364	48.460	ug/l	99
47) Bromodichloromethane	7.87	83	266663	49.817	ug/l	99
48) Methyl methacrylate	7.74	41	221332	48.353	ug/l	100
49) 1,4-Dioxane	7.71	88	102329	932.106	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1429430	241.806	ug/l	100
52) Toluene	8.76	92	475610	49.922	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	316682	49.620	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	329459	49.422	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	185169	49.401	ug/l	99
56) Ethyl methacrylate	9.16	69	310383	50.729	ug/l	99
57) 1,3-Dichloropropane	9.35	76	323511	49.463	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	831649	255.319	ug/l	99
59) 2-Hexanone	9.47	43	1125948	242.535	ug/l	100
60) Dibromochloromethane	9.57	129	212146	51.389	ug/l	99
61) 1,2-Dibromoethane	9.65	107	202195	49.801	ug/l	99
64) Tetrachloroethene	9.32	164	299575	48.929	ug/l	98
65) Chlorobenzene	10.12	112	507431	48.590	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	190460	49.344	ug/l	99
67) Ethyl Benzene	10.23	91	920266	49.389	ug/l	99
68) m/p-Xylenes	10.34	106	699246	100.163	ug/l	100
69) o-Xylene	10.68	106	332780	49.591	ug/l	100
70) Styrene	10.70	104	573434	50.370	ug/l	100
71) Bromoform	10.84	173	156971	49.916	ug/l #	99
73) Isopropylbenzene	11.00	105	899762	49.240	ug/l	100
74) N-amyl acetate	10.88	43	407530	47.814	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	147019	38.214	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	366900	64.358	ug/l	83
77) Bromobenzene	11.24	156	225740	47.862	ug/l	99
78) n-propylbenzene	11.34	91	1059369	49.835	ug/l	99
79) 2-Chlorotoluene	11.40	91	610410	48.647	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	763853	49.510	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	115594	48.320	ug/l #	92
82) 4-Chlorotoluene	11.49	91	724037	48.864	ug/l	99
83) tert-Butylbenzene	11.76	119	656953	49.410	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	771470	49.460	ug/l	100
85) sec-Butylbenzene	11.93	105	900101	50.139	ug/l	100
86) p-Isopropyltoluene	12.05	119	832479	49.946	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	405525	47.885	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	408245	47.495	ug/l	99
89) n-Butylbenzene	12.37	91	771422	50.662	ug/l	99
90) Hexachloroethane	12.58	117	145506	50.832	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	390530	47.891	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	66612	44.333	ug/l	100

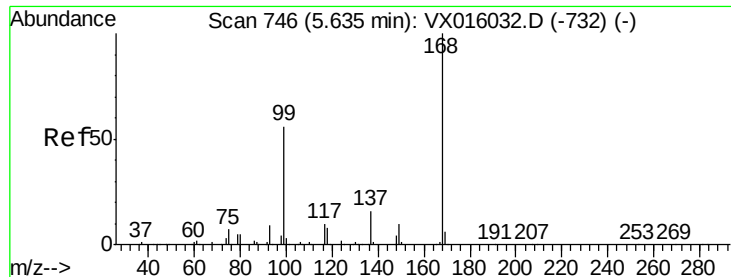
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\
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Quant Title : SW846 8260
QLast Update : Wed May 06 04:29:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	298357	49.419	ug/l	96
94) Hexachlorobutadiene	13.77	225	135187	51.981	ug/l	99
95) Naphthalene	13.82	128	926571	47.398	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	283020	47.967	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

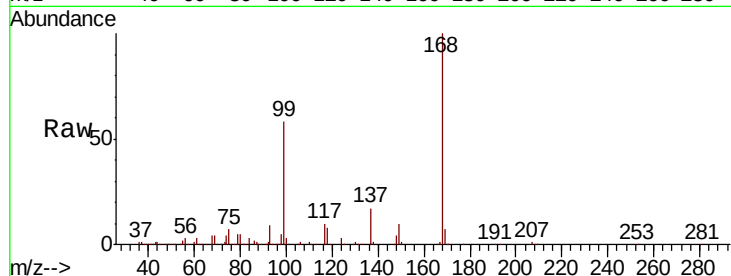
VSTDCCC050

Tot Ion:168 Resp: 340109

Ion Ratio Lower Upper

168 100

99 57.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

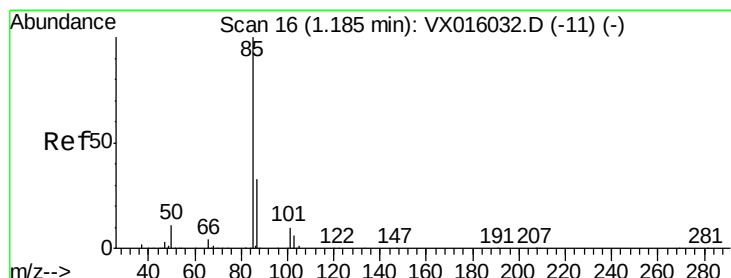
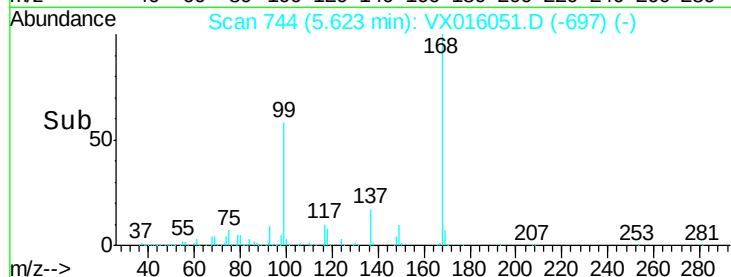
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.510 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016051.D

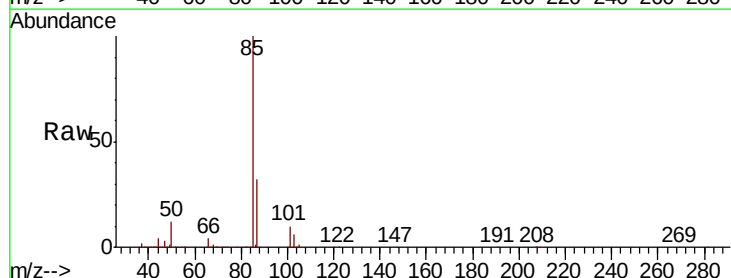
Acq: 05 May 2020 09:58

Tgt Ion: 85 Resp: 181834

Ion Ratio Lower Upper

85 100

87 32.2 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

200000

150000

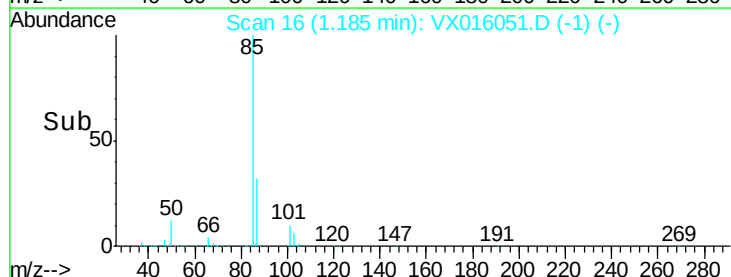
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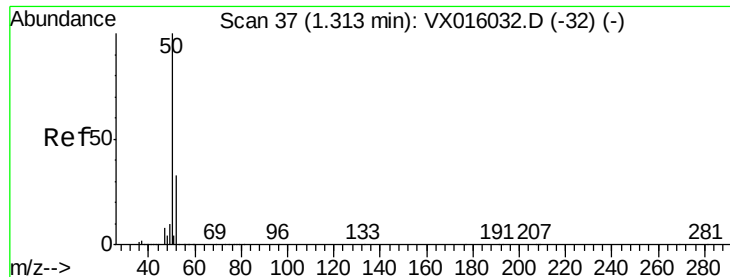
50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.940 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

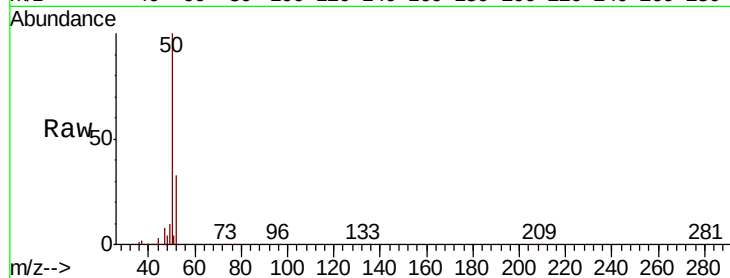
VSTDCCC050

Tot Ion: 50 Resp: 196244

Ion Ratio Lower Upper

50 100

52 32.7 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

200000

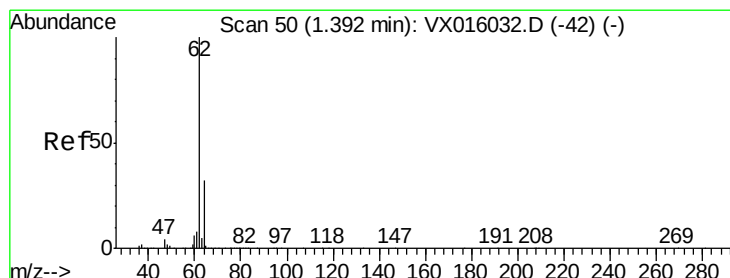
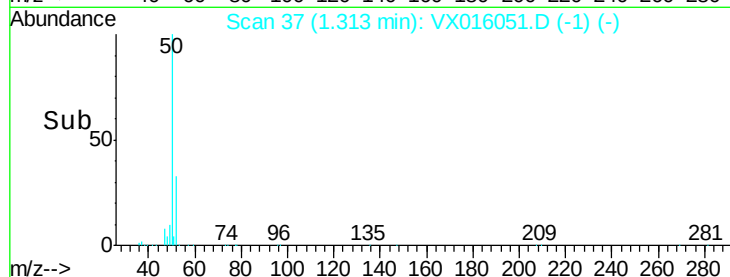
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.146 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016051.D

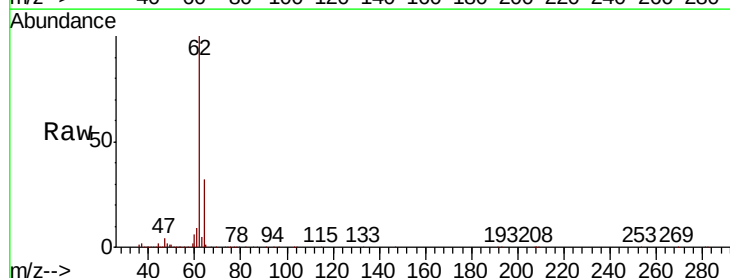
Acq: 05 May 2020 09:58

Tgt Ion: 62 Resp: 214753

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

250000

200000

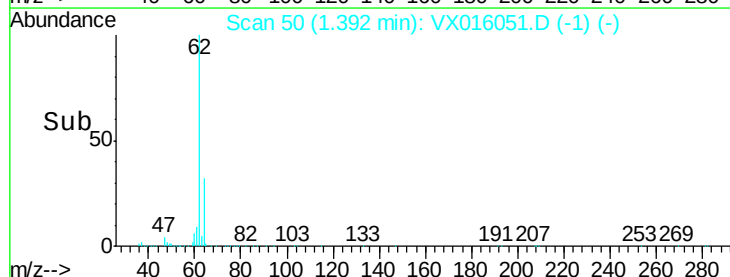
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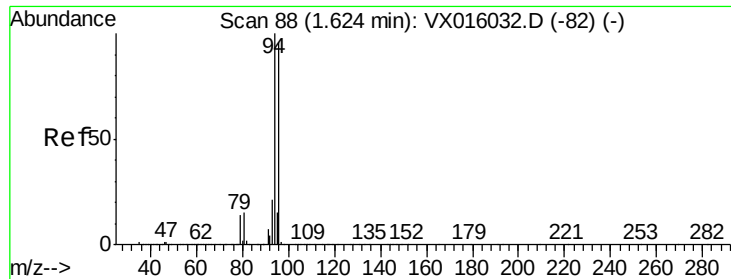
100000

50000

0

Time-->





#5

Bromomethane

Concen: 50.195 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

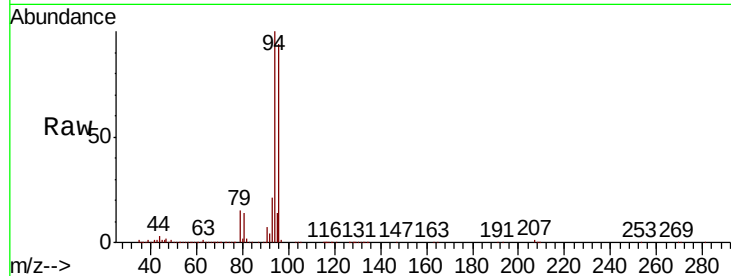
VSTDCCC050

Tot Ion: 94 Resp: 112873

Ion Ratio Lower Upper

94 100

96 93.4 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

120000

100000

80000

60000

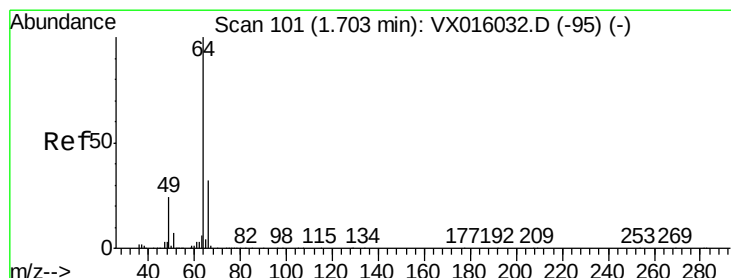
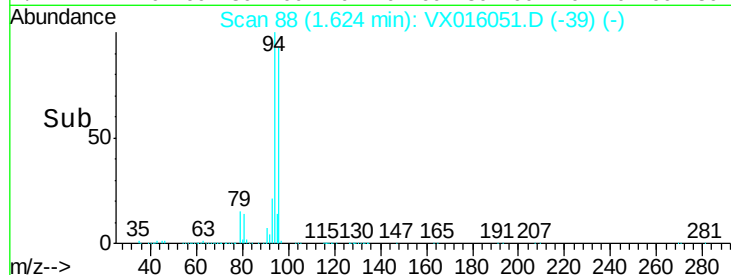
40000

20000

0

1.60 1.65

Time-->



#6

Chloroethane

Concen: 49.383 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016051.D

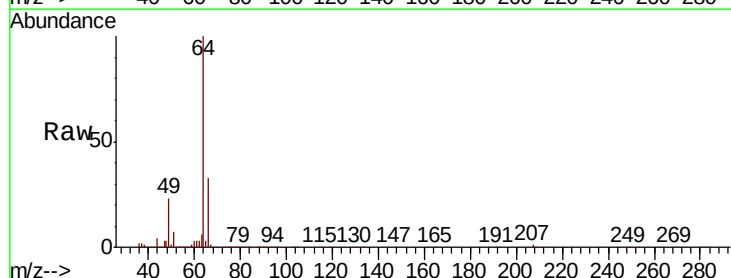
Acq: 05 May 2020 09:58

Tgt Ion: 64 Resp: 134024

Ion Ratio Lower Upper

64 100

66 33.0 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

120000

100000

80000

60000

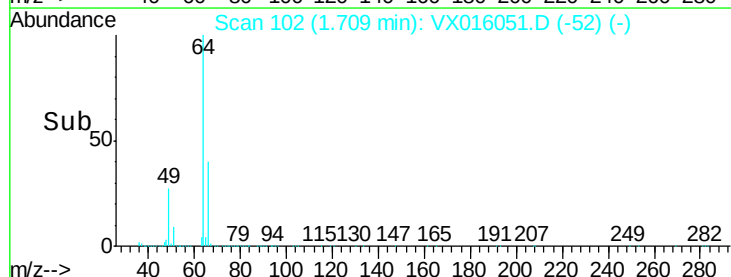
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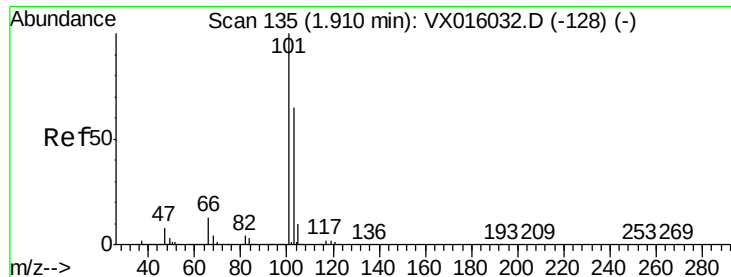
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0

1.60 1.65 1.70 1.75 1.80

Time-->



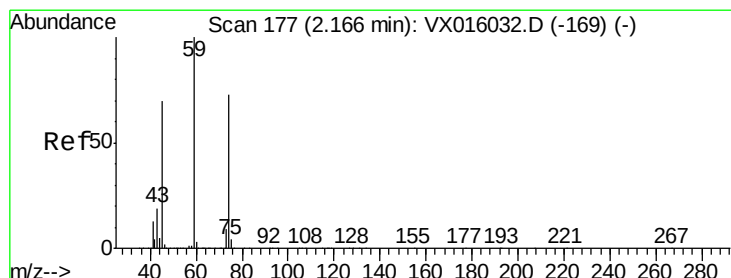
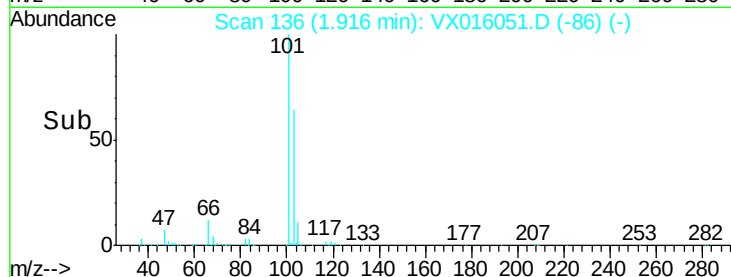
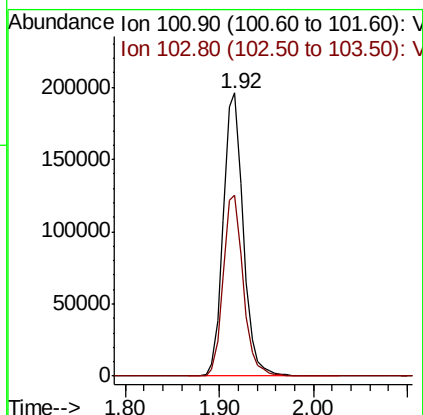
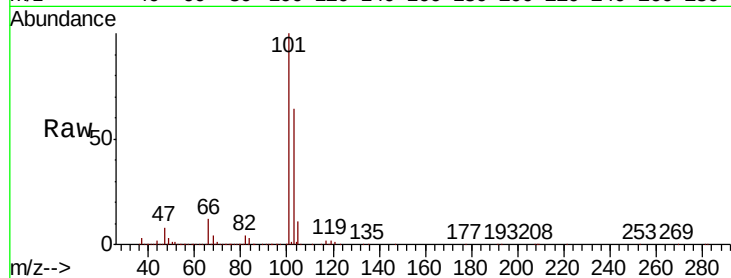


#7

Trichlorofluoromethane
 Concen: 49.131 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

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 MSVOA_X
 ClientSampleId :
 VSTDCCC050

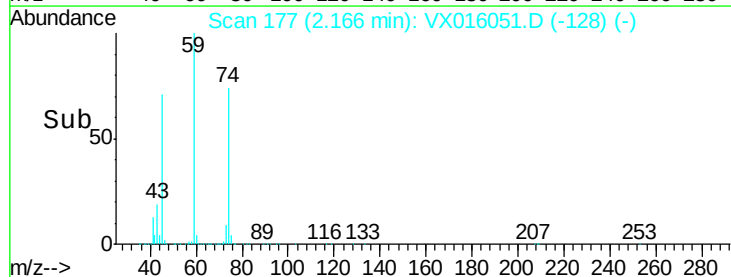
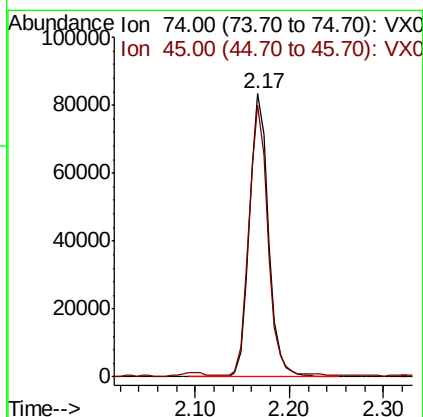
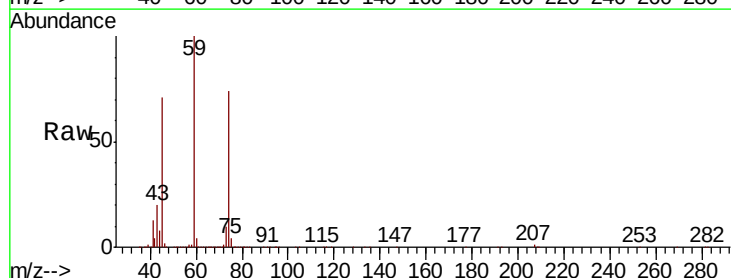
Tot Ion:101 Resp: 287706
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.8 77.6

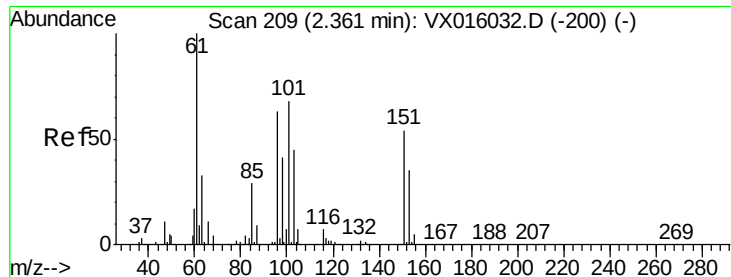


#8

Diethyl Ether
 Concen: 47.711 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Tgt Ion: 74 Resp: 117718
 Ion Ratio Lower Upper
 74 100
 45 95.7 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.812 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

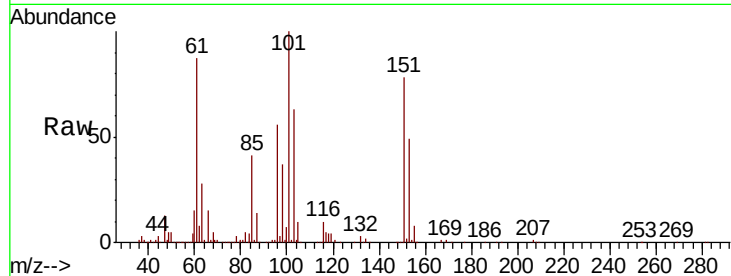
Tot Ion:101 Resp: 164910

Ion Ratio Lower Upper

101 100

85 43.2 34.2 51.4

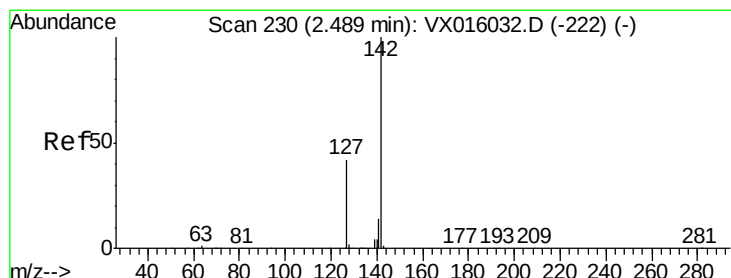
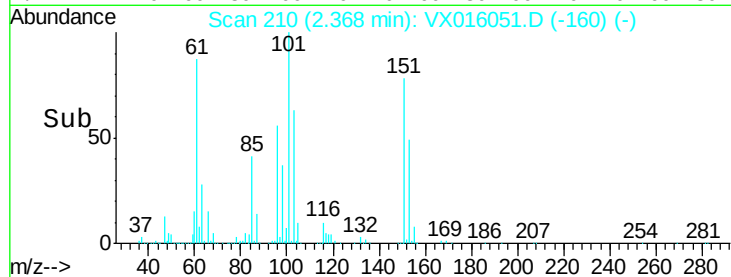
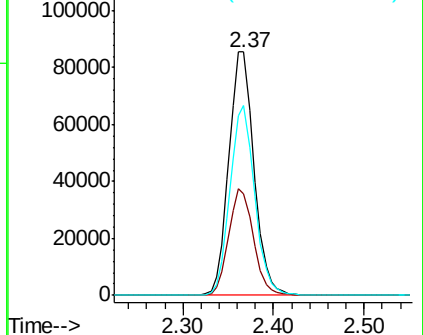
151 76.7 62.1 93.1



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: 44.168 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

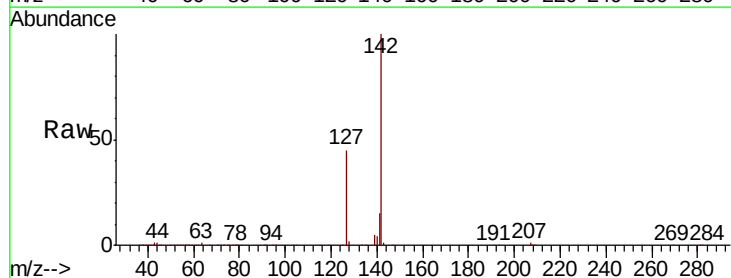
Tgt Ion:142 Resp: 200440

Ion Ratio Lower Upper

142 100

127 43.7 34.6 52.0

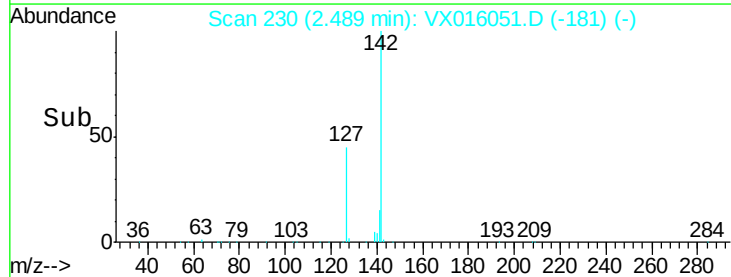
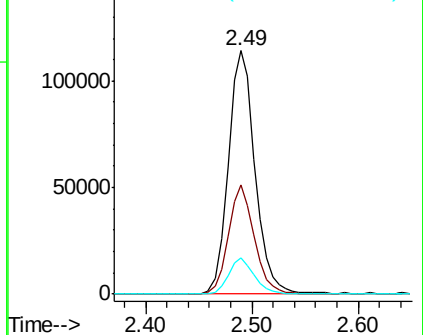
141 14.3 11.3 16.9

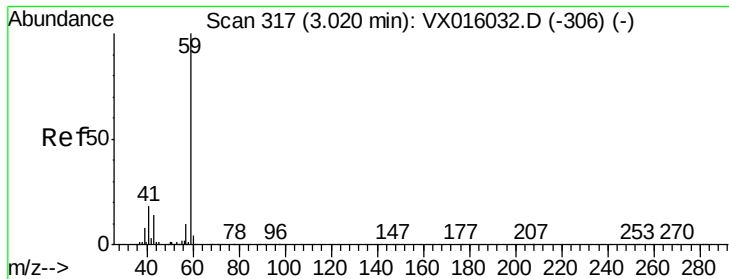


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



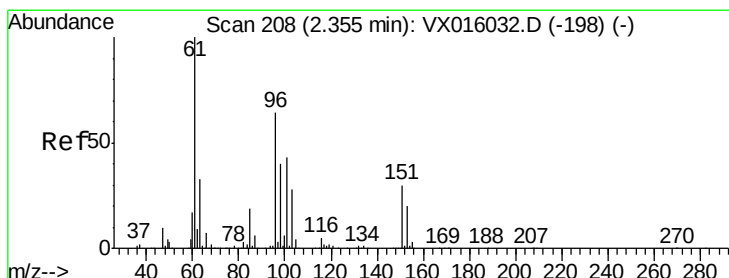
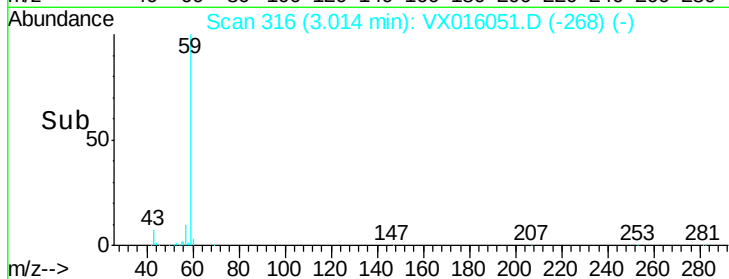
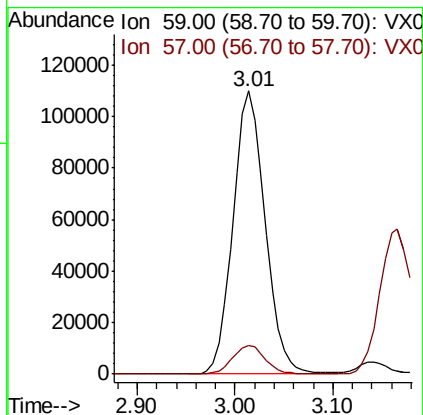
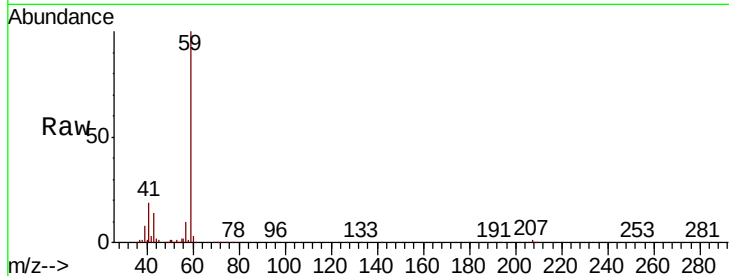


#11

Tert butyl alcohol
 Concen: 222.046 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

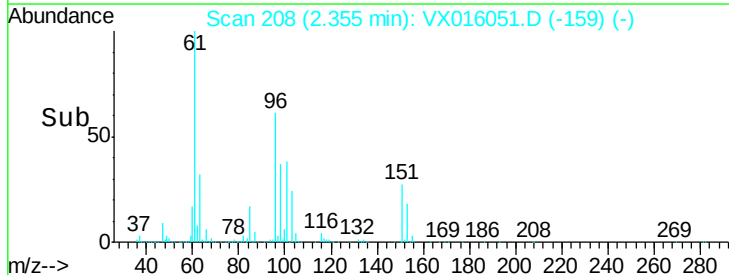
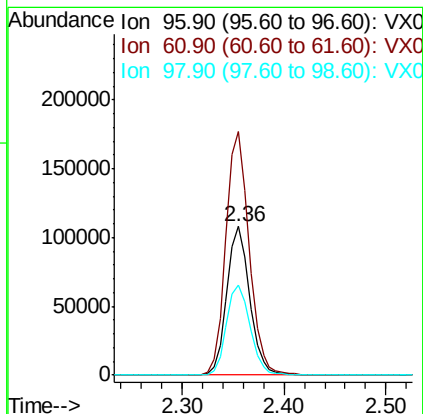
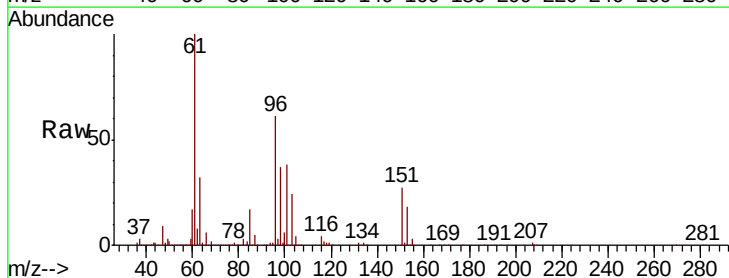
Tot Ion: 59 Resp: 251297
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

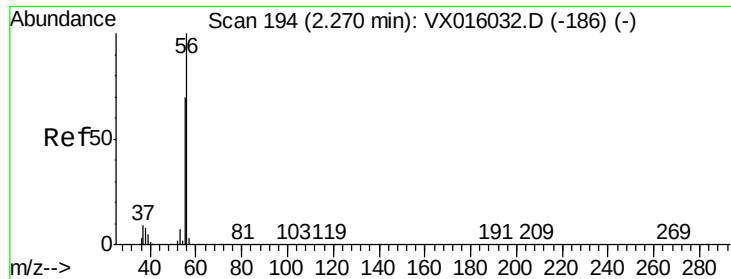


#12

1,1-Dichloroethene
 Concen: 47.264 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Tgt Ion: 96 Resp: 167099
 Ion Ratio Lower Upper
 96 100
 61 163.9 124.8 187.2
 98 61.0 49.7 74.5





#13

Acrolein

Concen: 219.565 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

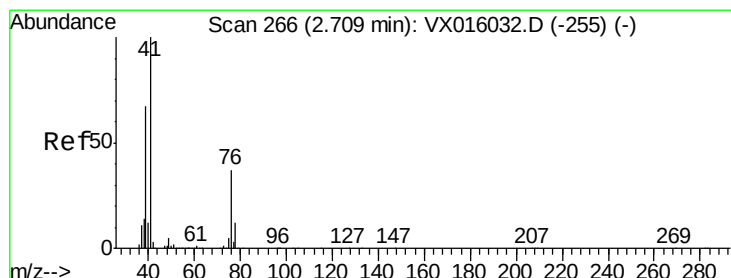
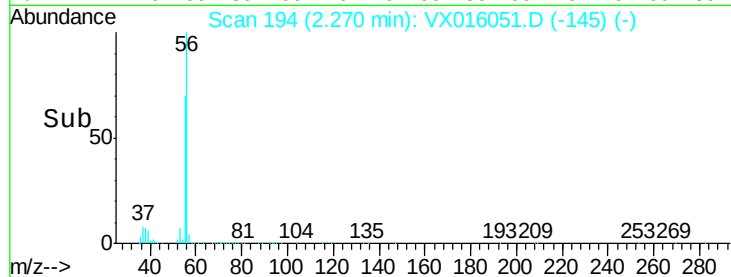
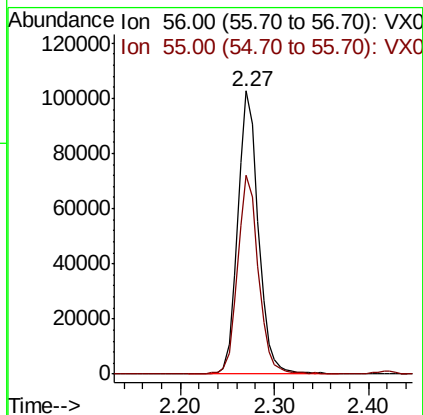
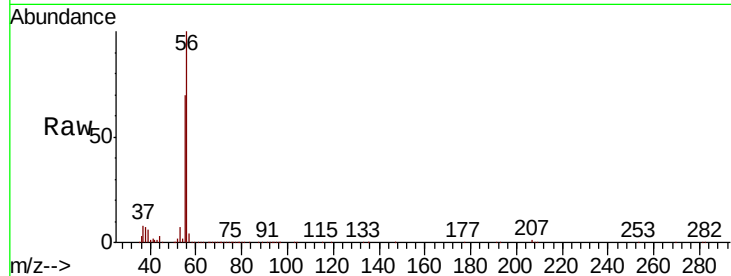
VSTDCCC050

Tot Ion: 56 Resp: 155496

Ion Ratio Lower Upper

56 100

55 71.1 56.5 84.7



#14

Allyl chloride

Concen: 48.554 ug/l

RT: 2.70 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

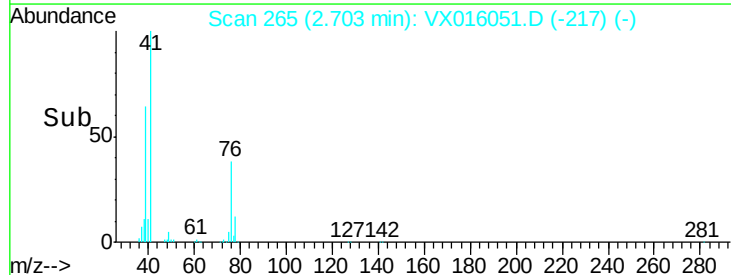
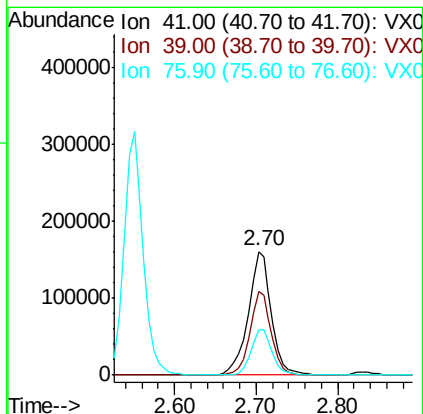
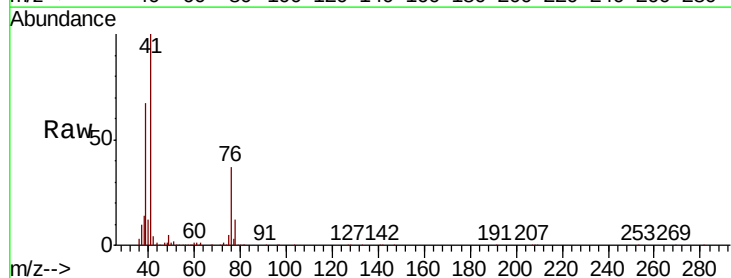
Tgt Ion: 41 Resp: 314746

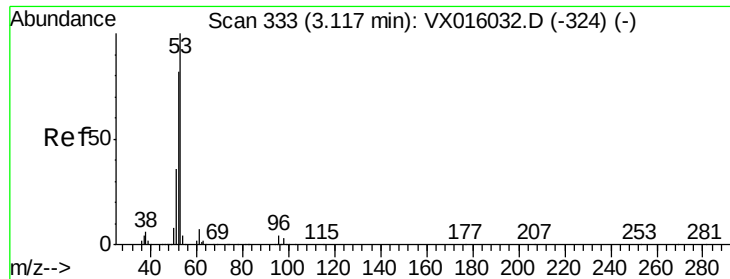
Ion Ratio Lower Upper

41 100

39 62.5 50.5 75.7

76 33.6 26.6 40.0

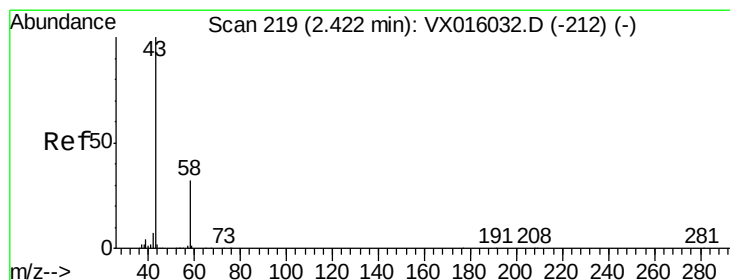
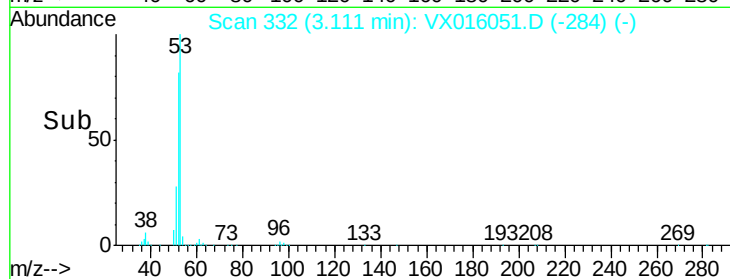
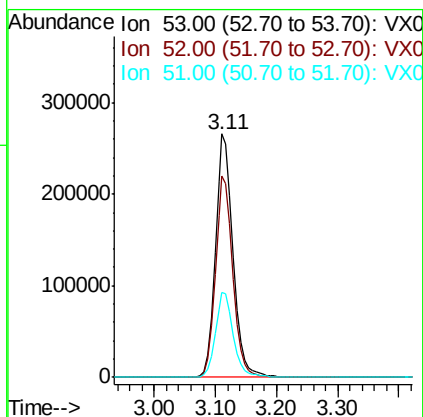
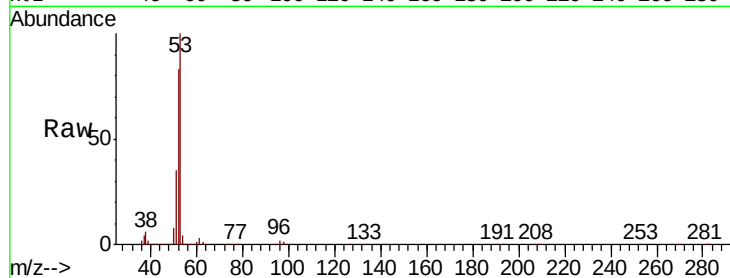




#15
 Acrylonitrile
 Concen: 229.143 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

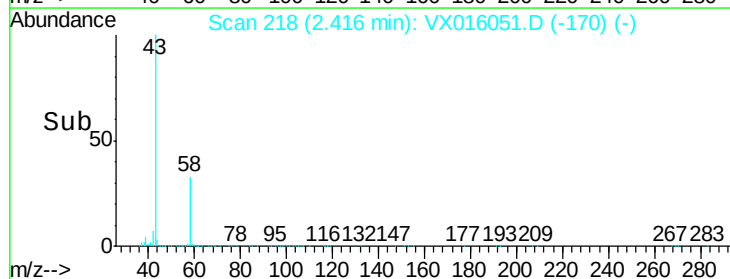
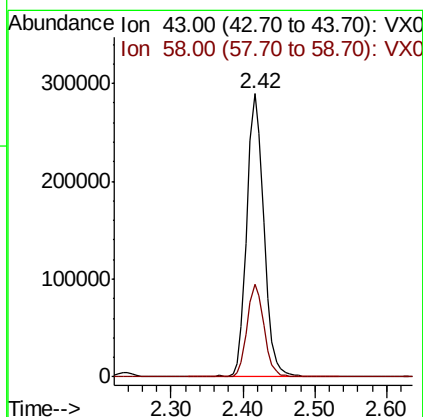
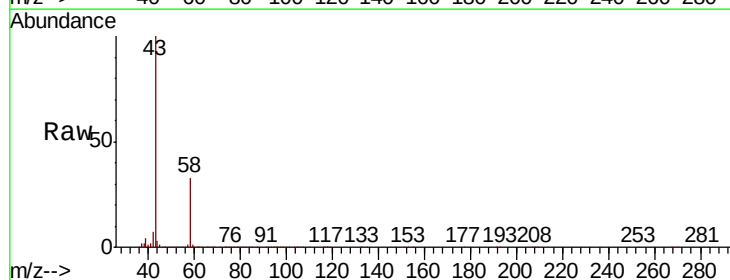
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

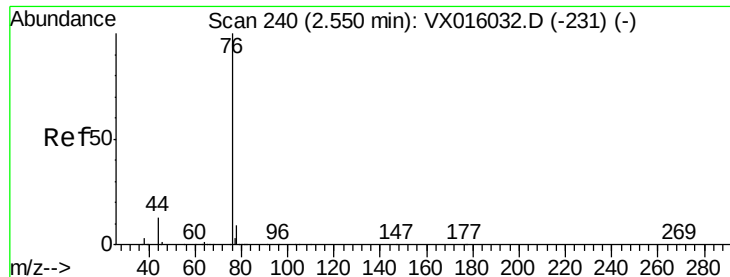
Tot Ion	53	Resp	537979
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.1	99.1
51	35.7	28.8	43.2



#16
 Acetone
 Concen: 236.886 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Tgt Ion	43	Resp	473042
Ion	Ratio	Lower	Upper
43	100		
58	32.8	25.4	38.0





#17

Carbon Disulfide

Concen: 49.189 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

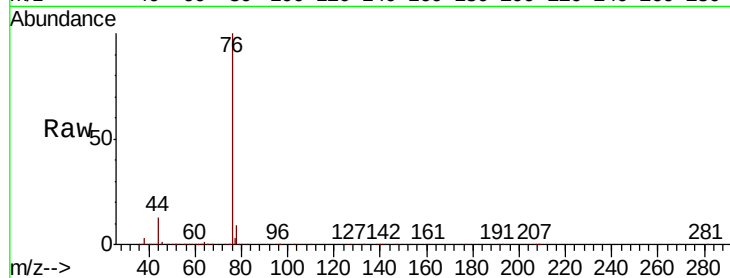
VSTDCCC050

Tot Ion: 76 Resp: 522286

Ion Ratio Lower Upper

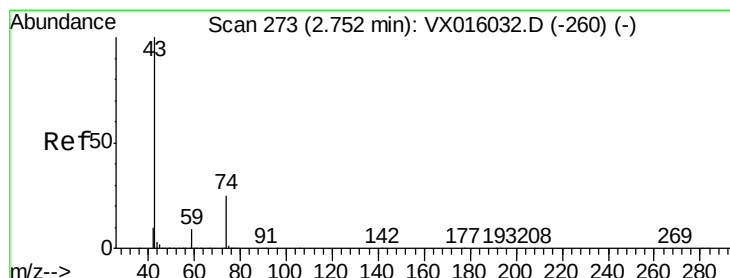
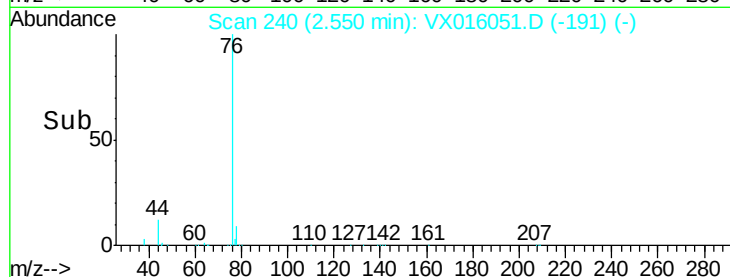
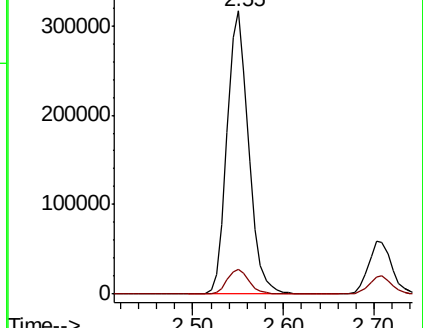
76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 46.173 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016051.D

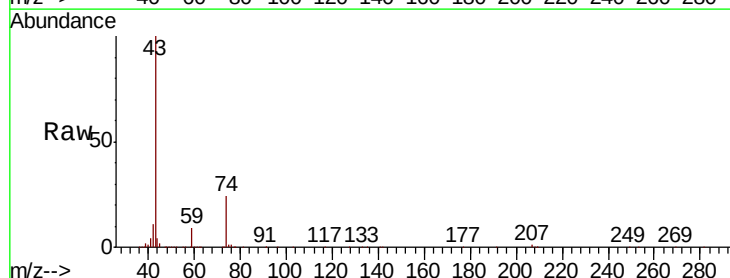
Acq: 05 May 2020 09:58

Tgt Ion: 43 Resp: 226709

Ion Ratio Lower Upper

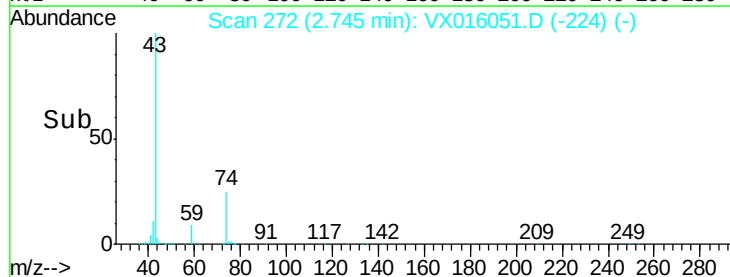
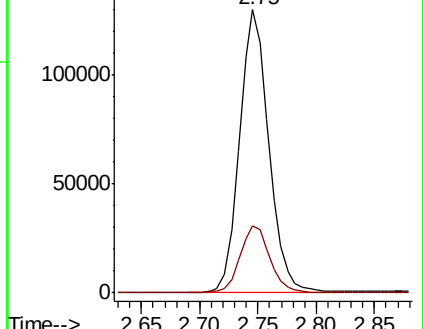
43 100

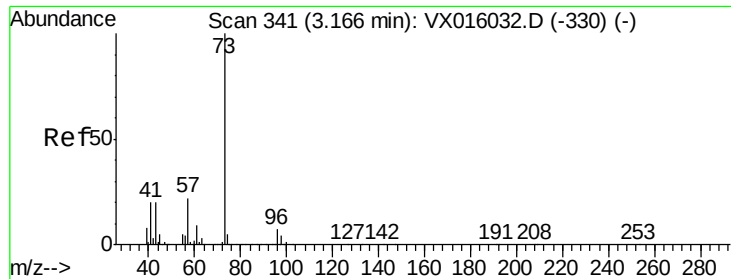
74 24.6 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



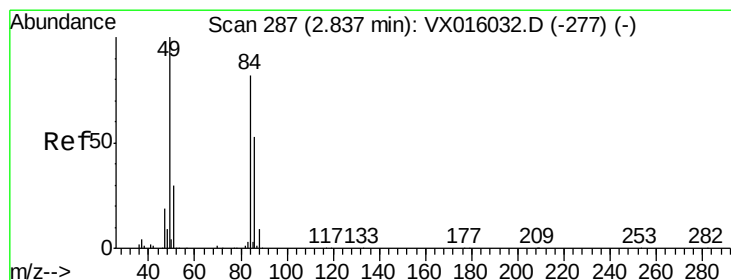
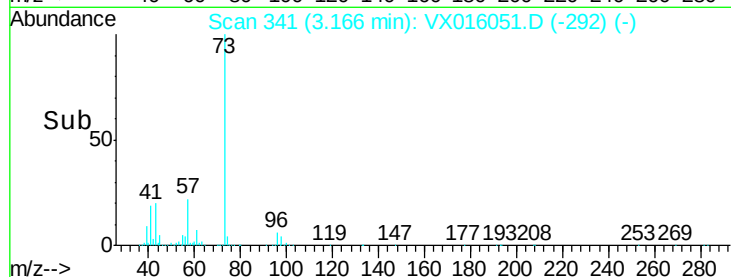
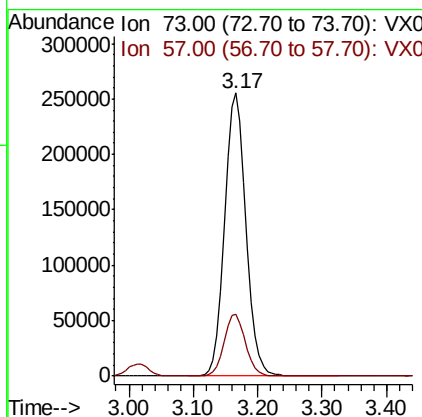
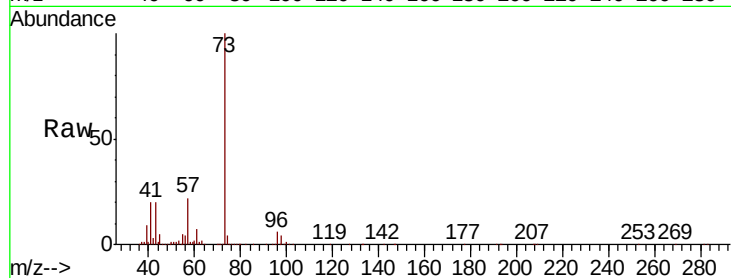


#19

Methyl tert-butyl Ether
 Concen: 48.813 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

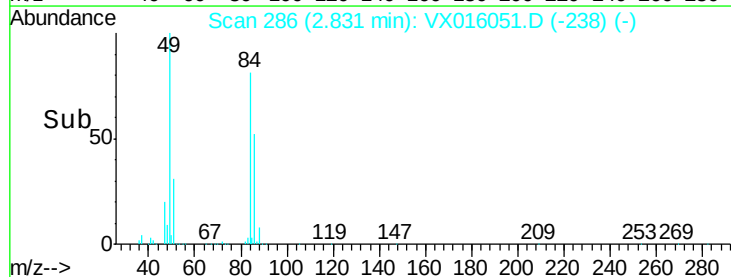
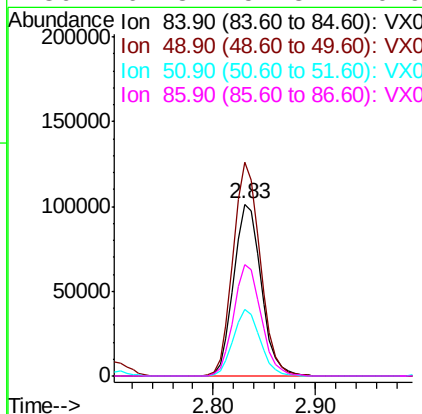
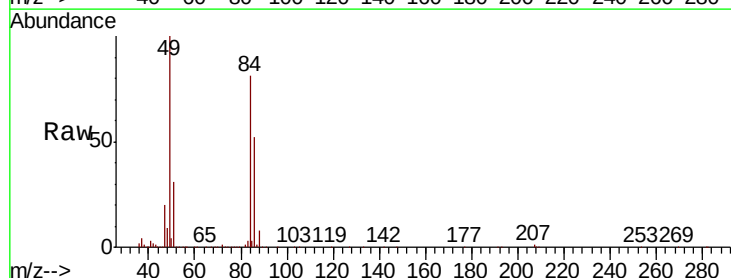
Tot Ion: 73 Resp: 594916
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.8 26.6

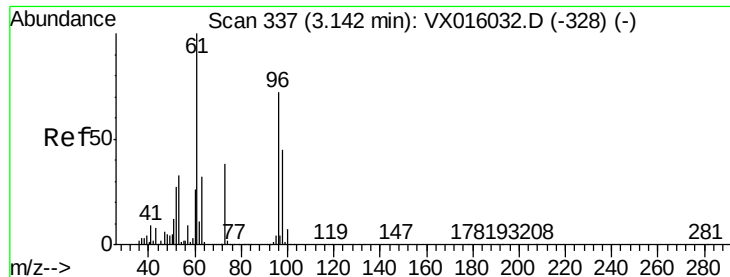


#20

Methylene Chloride
 Concen: 45.905 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Tgt Ion: 84 Resp: 188974
 Ion Ratio Lower Upper
 84 100
 49 124.0 97.3 145.9
 51 38.9 29.3 43.9
 86 64.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 47.109 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

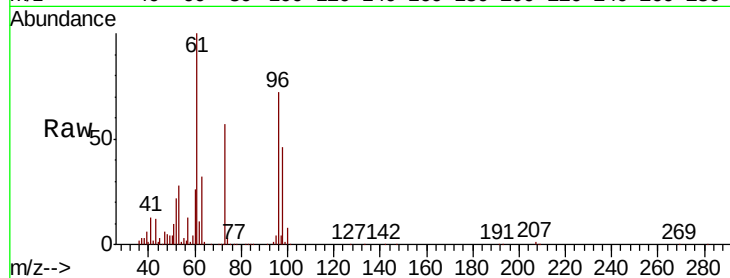
Tot Ion: 96 Resp: 185600

Ion Ratio Lower Upper

96 100

61 140.0 111.2 166.8

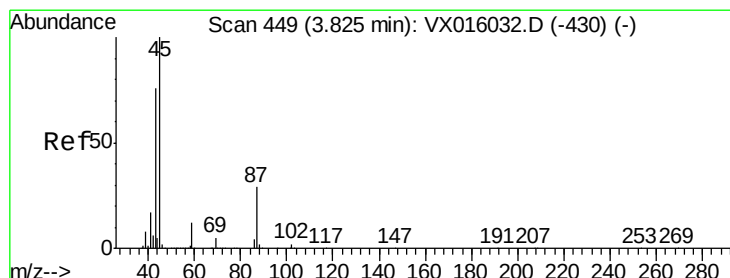
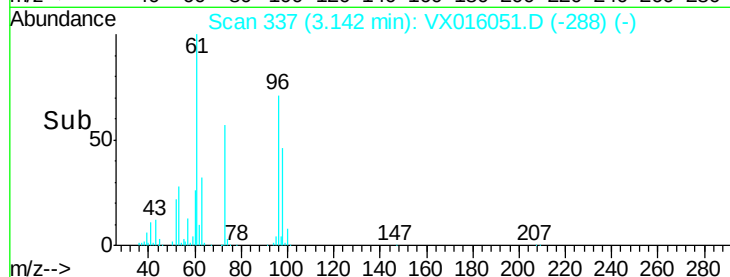
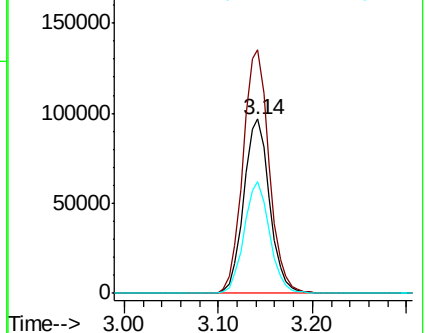
98 64.0 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.539 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Tgt Ion: 45 Resp: 593613

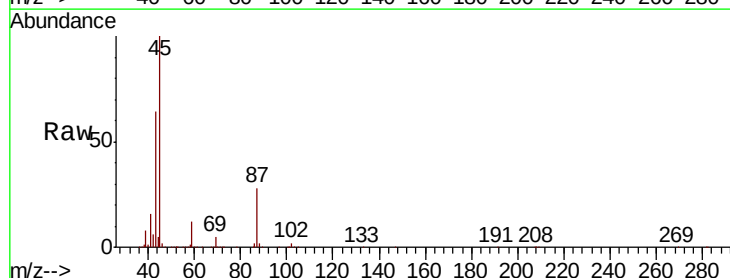
Ion Ratio Lower Upper

45 100

43 64.4 61.1 91.7

87 28.0 23.0 34.6

59 11.7 9.8 14.6

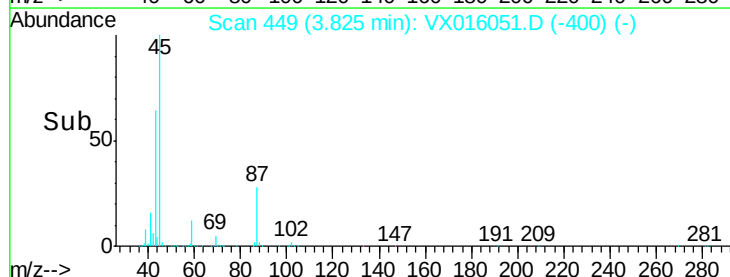
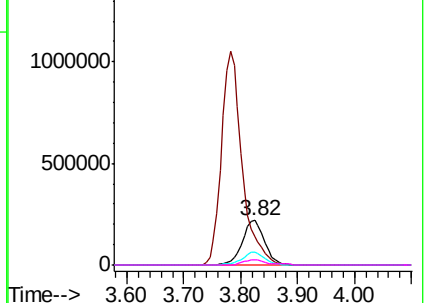


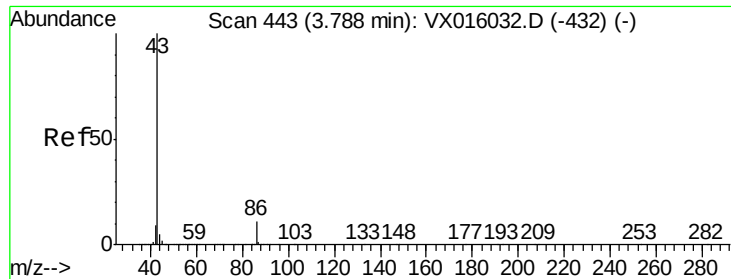
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 245.978 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

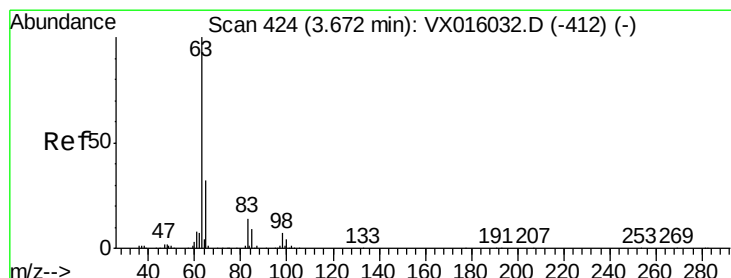
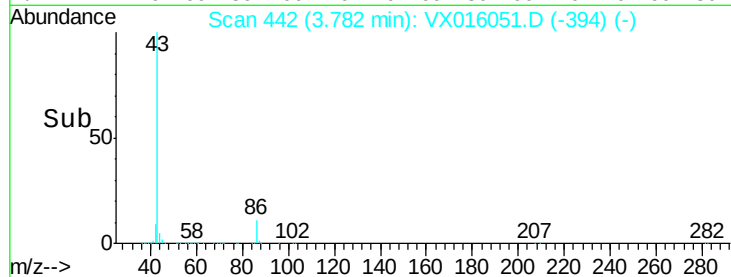
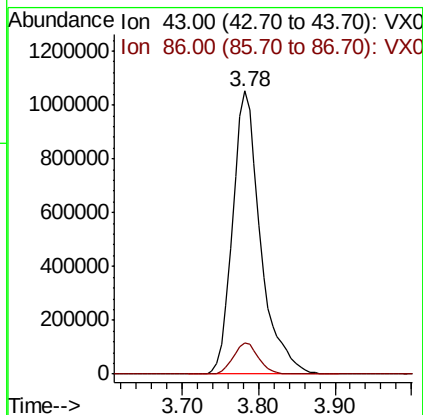
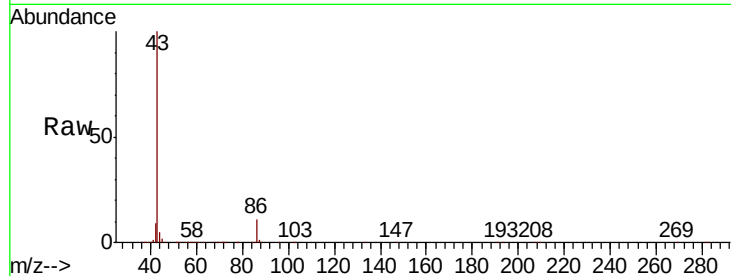
VSTDCCC050

Tot Ion: 43 Resp: 2646566

Ion Ratio Lower Upper

43 100

86 10.9 9.0 13.4



#24

1,1-Dichloroethane

Concen: 48.408 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

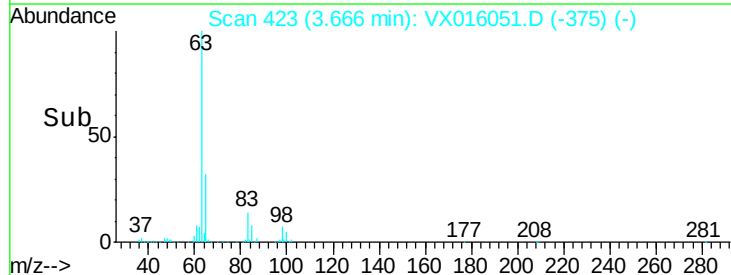
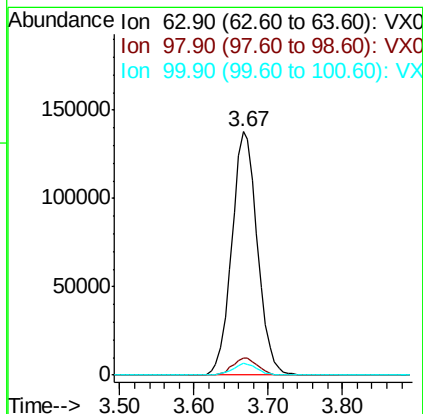
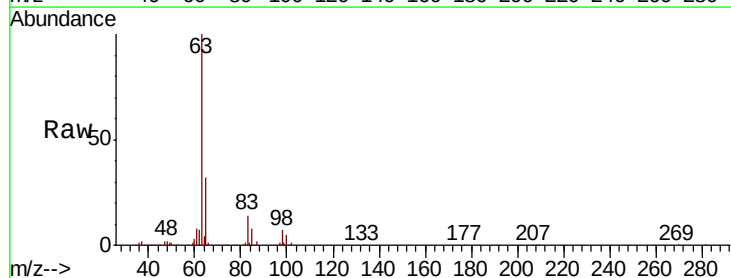
Tgt Ion: 63 Resp: 331165

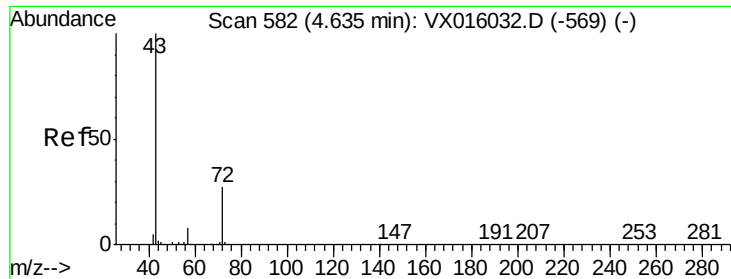
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.8 2.1 6.5





#25

2-Butanone

Concen: 228.532 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

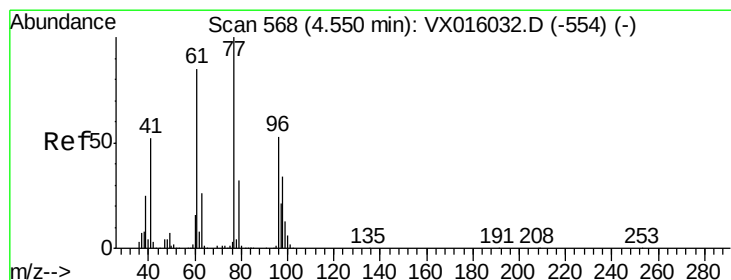
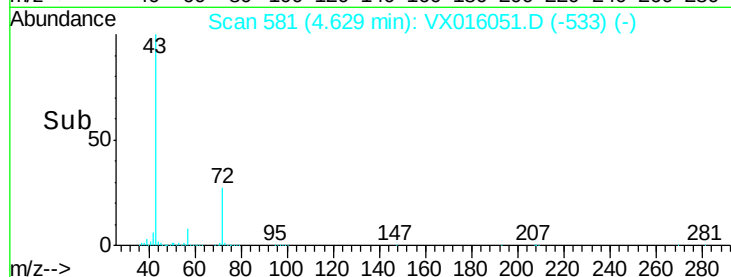
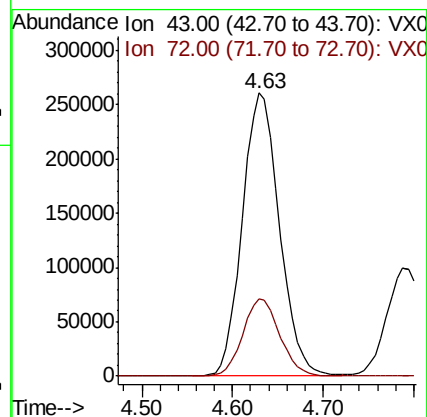
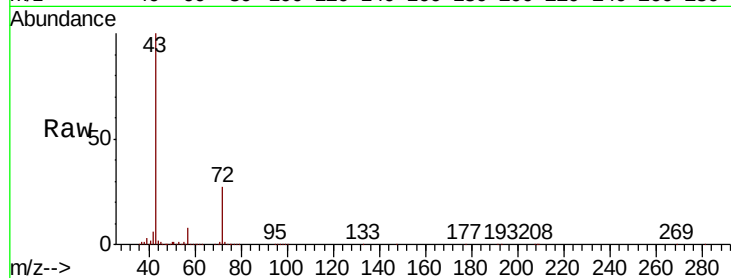
VSTDCCC050

Tot Ion: 43 Resp: 735382

Ion Ratio Lower Upper

43 100

72 27.0 21.8 32.8



#26

2,2-Dichloropropane

Concen: 48.870 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016051.D

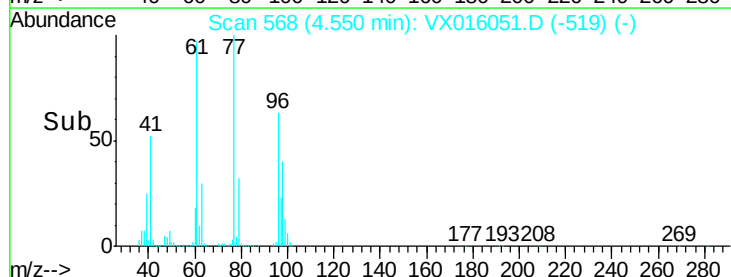
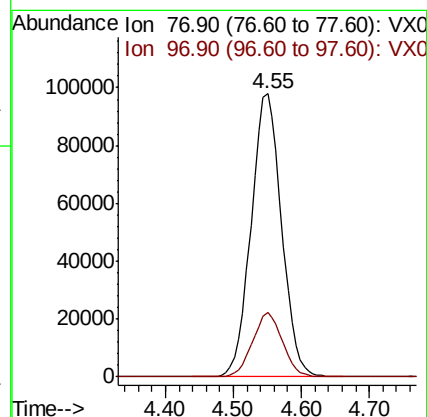
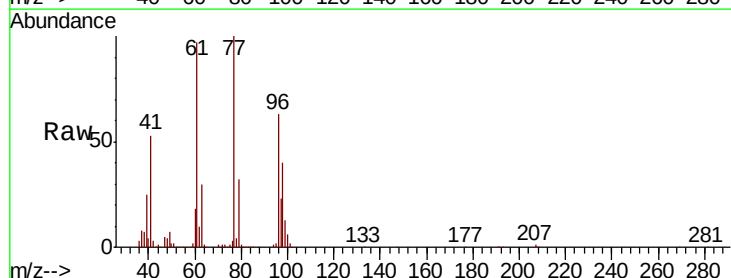
Acq: 05 May 2020 09:58

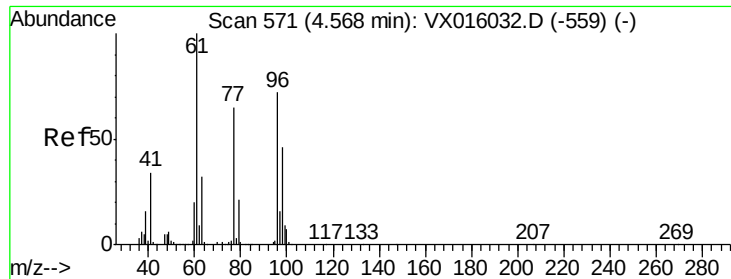
Tgt Ion: 77 Resp: 305327

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 47.916 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

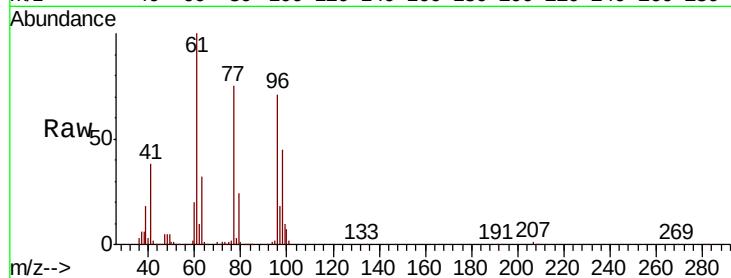
Tot Ion: 96 Resp: 206382

Ion Ratio Lower Upper

96 100

61 148.4 0.0 296.2

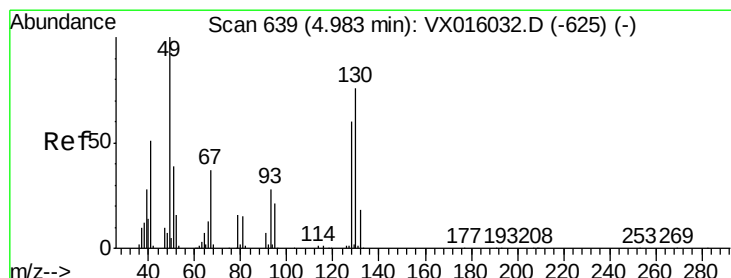
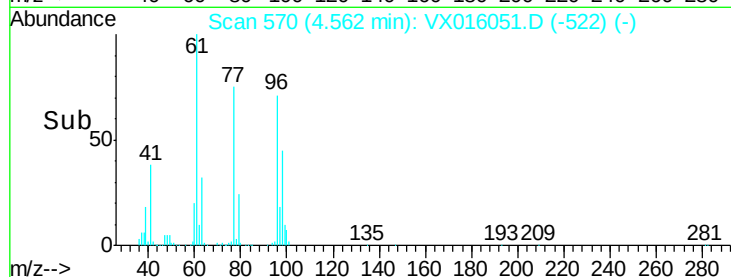
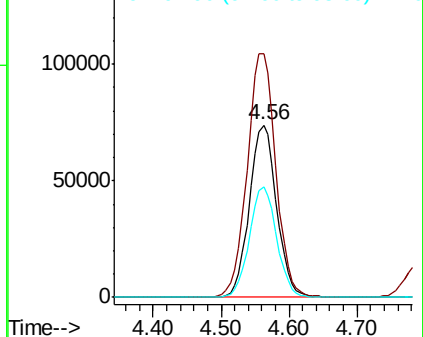
98 64.3 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 48.272 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

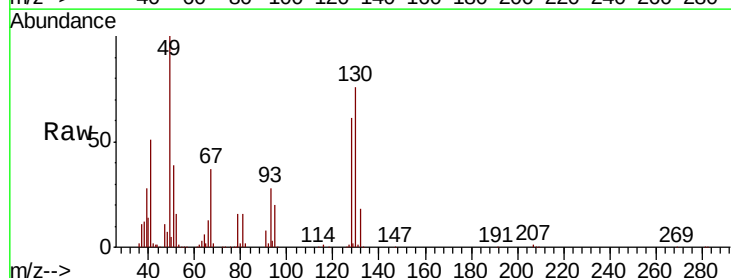
Tgt Ion: 49 Resp: 150583

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

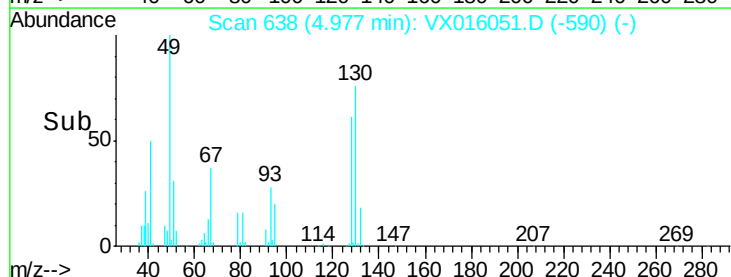
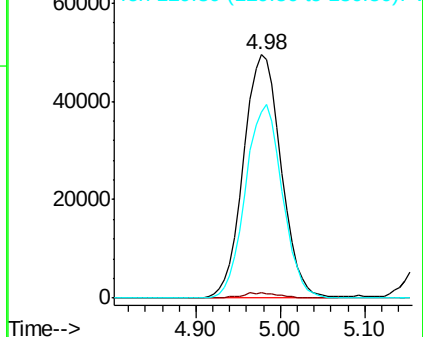
130 77.8 62.4 93.6

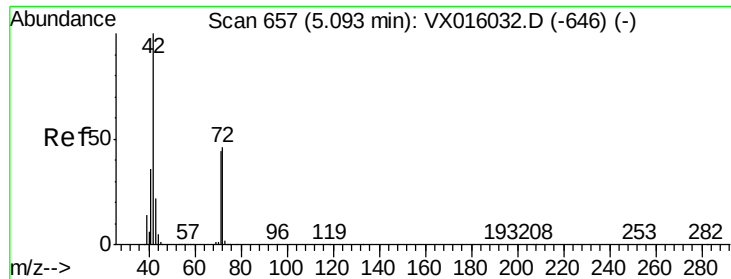


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 228.929 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

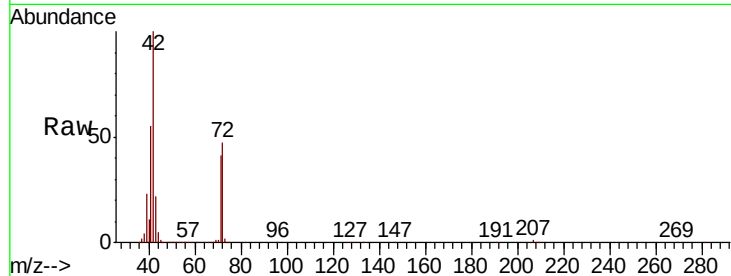
Tot Ion: 42 Resp: 488111

Ion Ratio Lower Upper

42 100

72 46.3 37.1 55.7

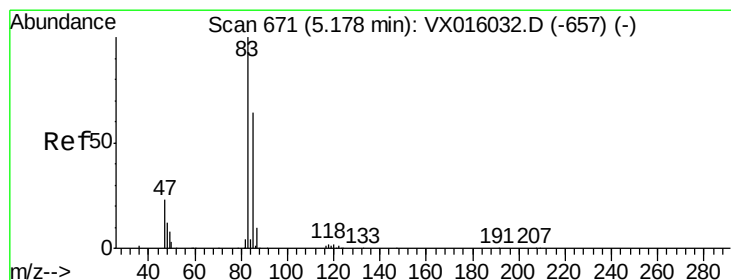
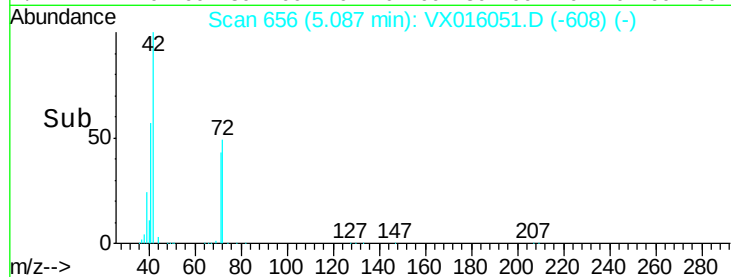
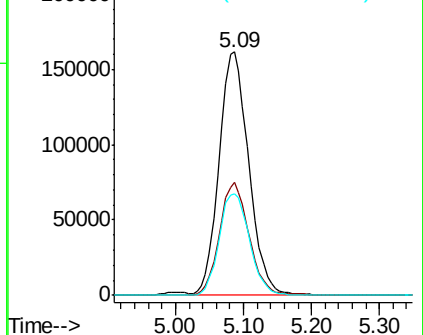
71 42.8 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.867 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016051.D

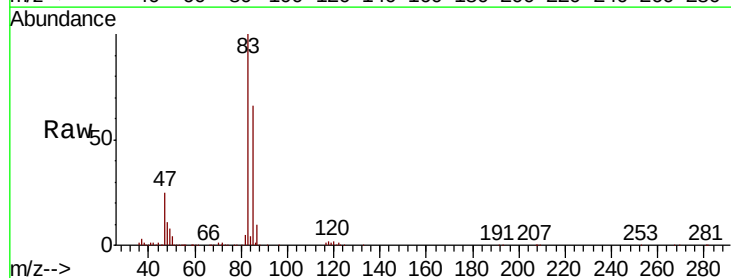
Acq: 05 May 2020 09:58

Tgt Ion: 83 Resp: 326046

Ion Ratio Lower Upper

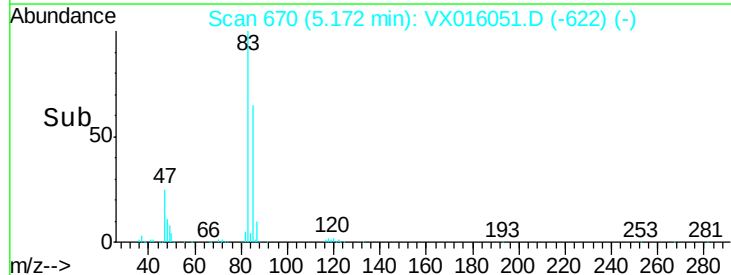
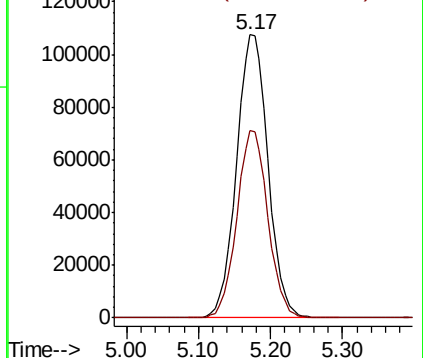
83 100

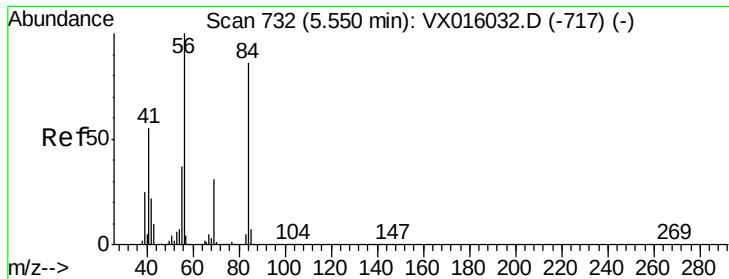
85 66.2 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

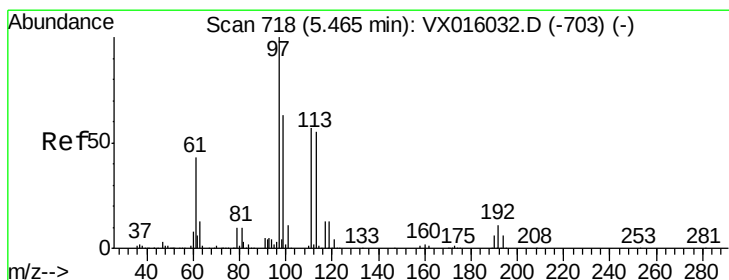
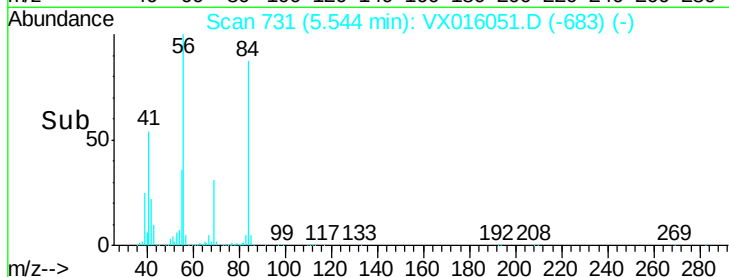
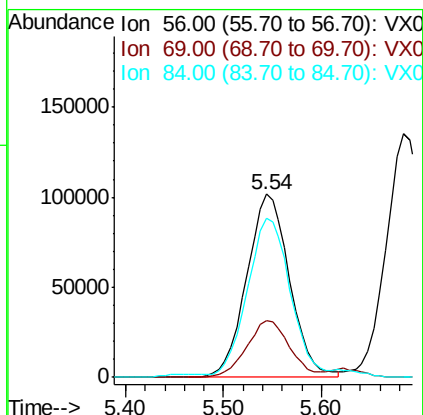
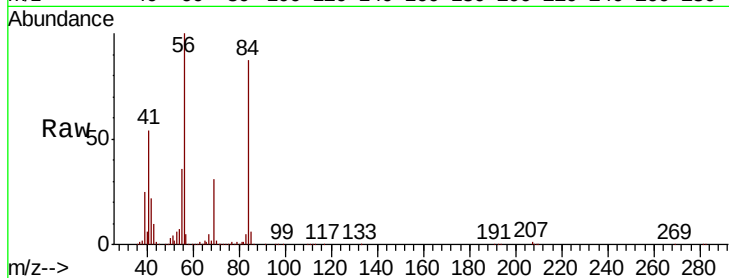




#31
Cyclohexane
Concen: 49.794 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

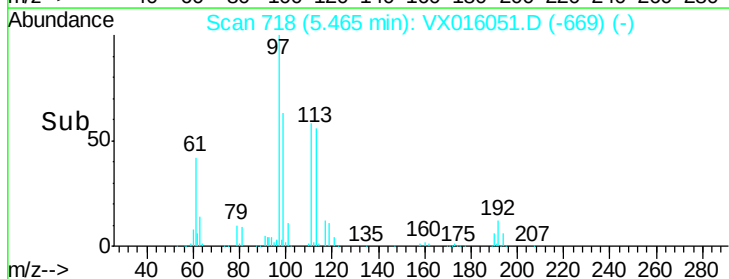
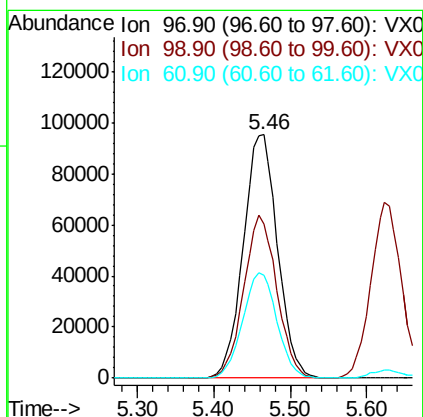
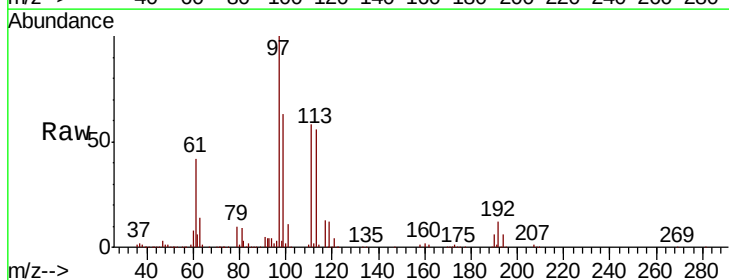
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

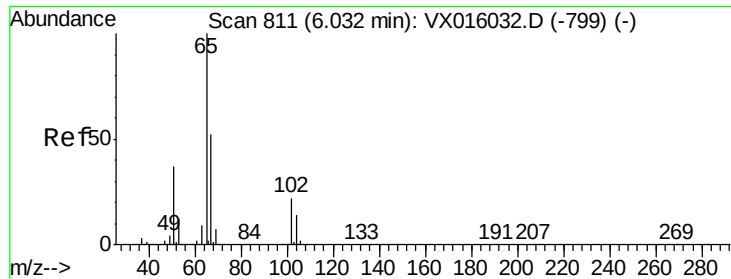
Tot Ion: 56 Resp: 309584
Ion Ratio Lower Upper
56 100
69 30.8 25.0 37.6
84 85.7 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 48.001 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion: 97 Resp: 297200
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 43.4 34.5 51.7

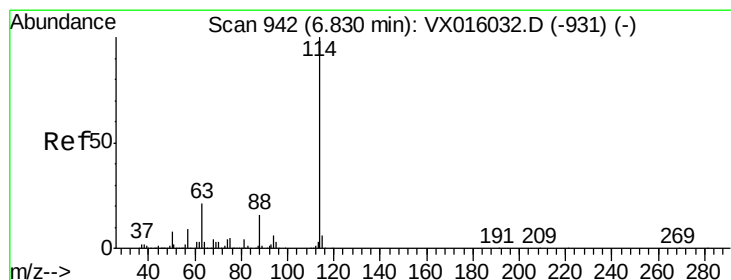
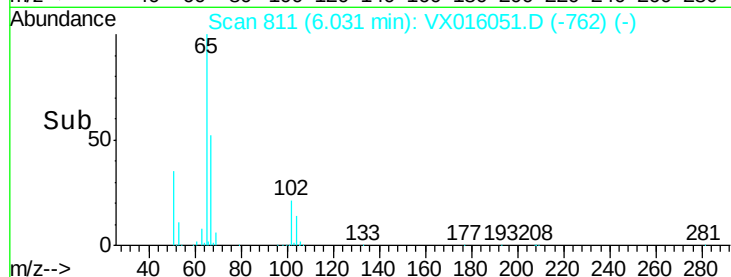
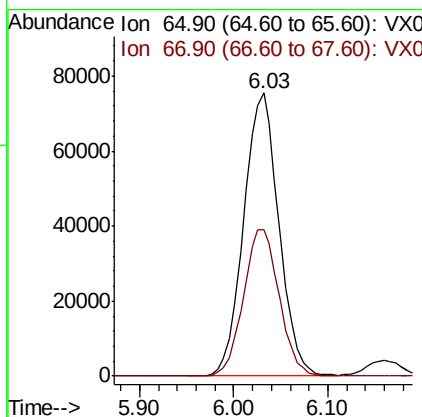
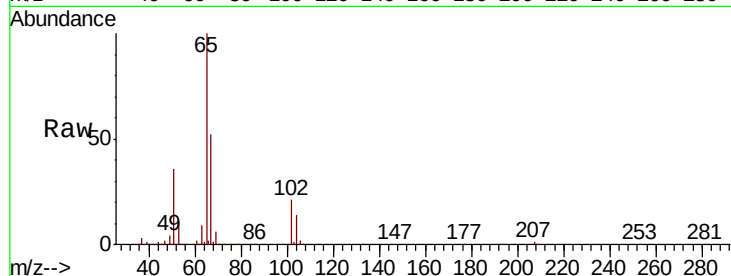




#33
 1,2-Dichloroethane-d4
 Concen: 44.179 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

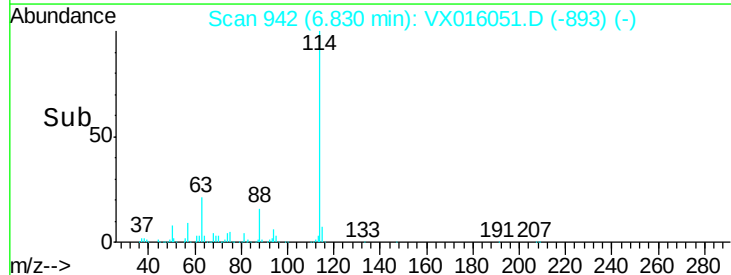
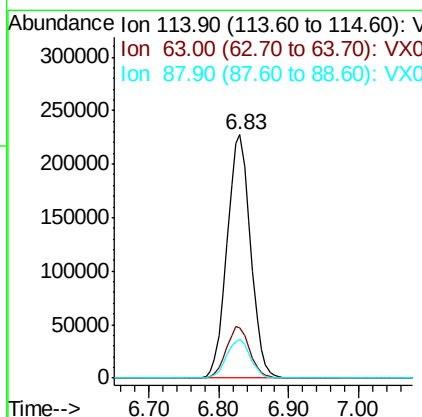
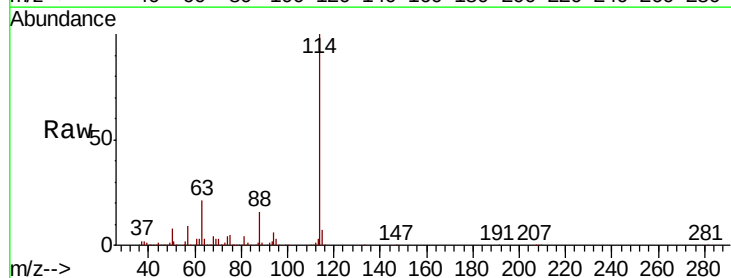
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

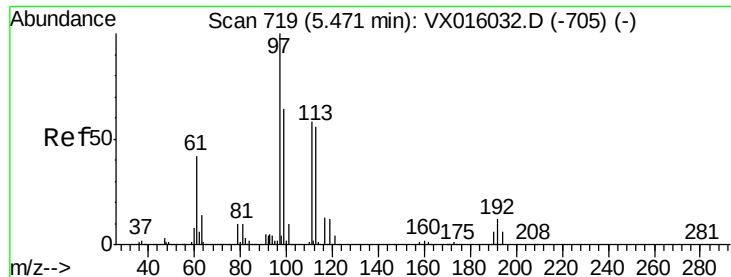
Tot Ion: 65 Resp: 197722
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Tgt Ion: 114 Resp: 530678
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.8
 88 15.9 0.0 31.4

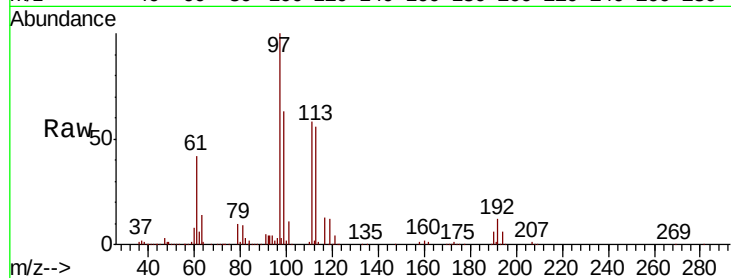




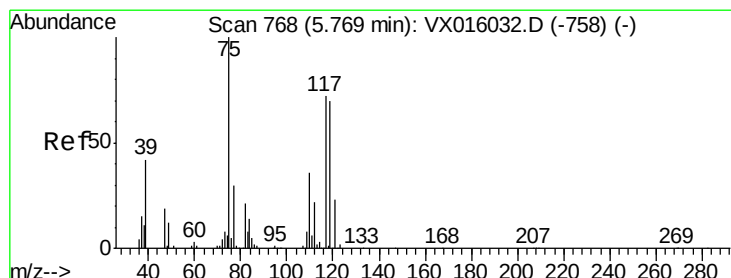
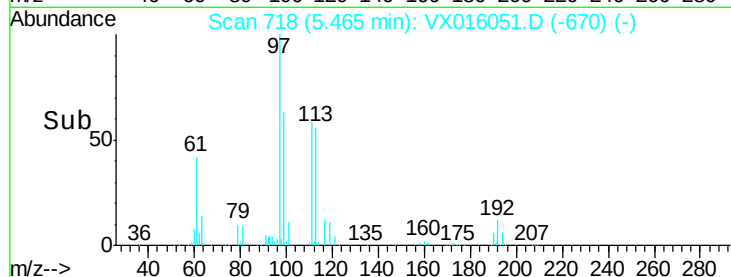
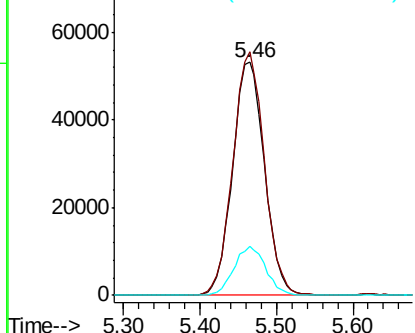
#35
 Dibromofluoromethane
 Concen: 45.796 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 153970
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.6 122.4
 192 20.9 17.0 25.4

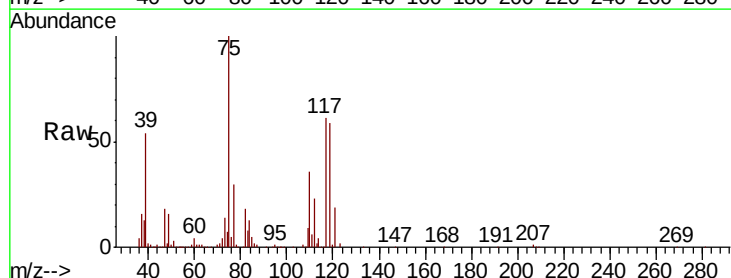


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

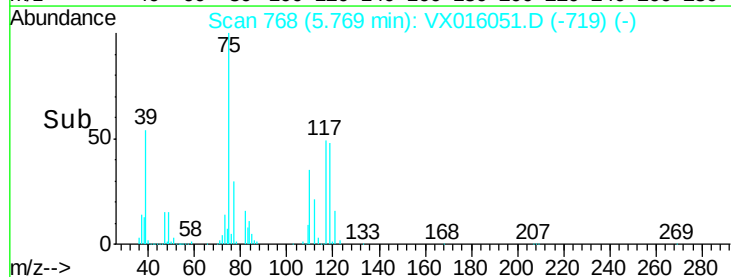
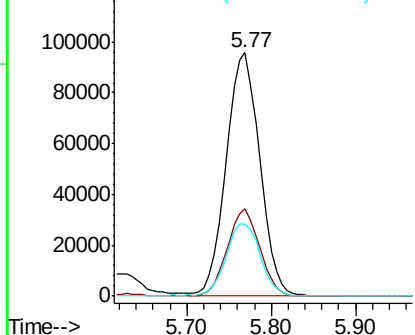


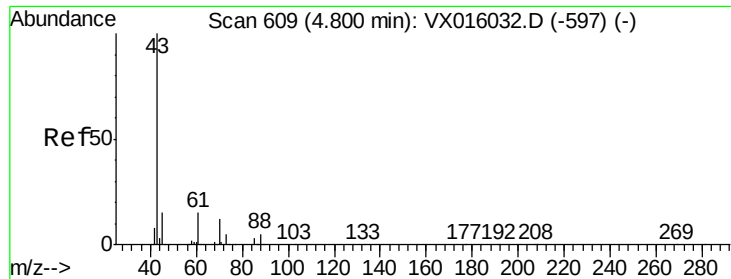
#36
 1,1-Dichloropropene
 Concen: 49.533 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Tgt Ion: 75 Resp: 258751
 Ion Ratio Lower Upper
 75 100
 110 34.9 18.1 54.1
 77 30.3 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

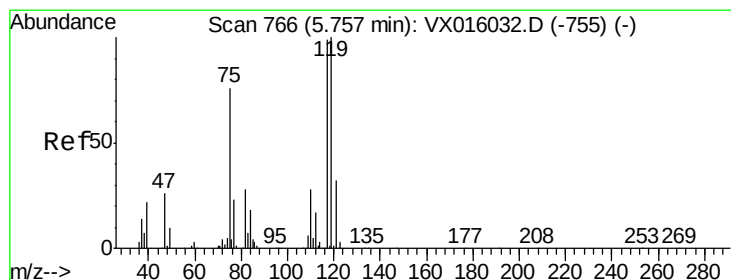
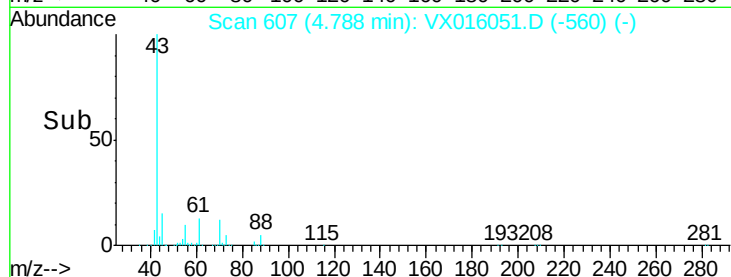
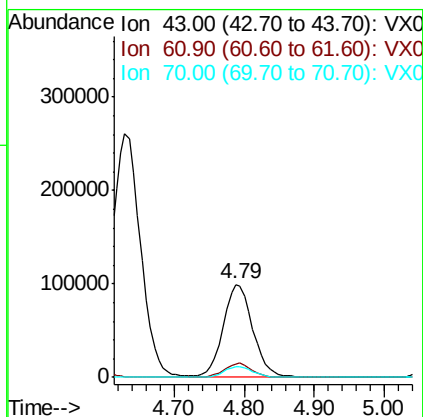
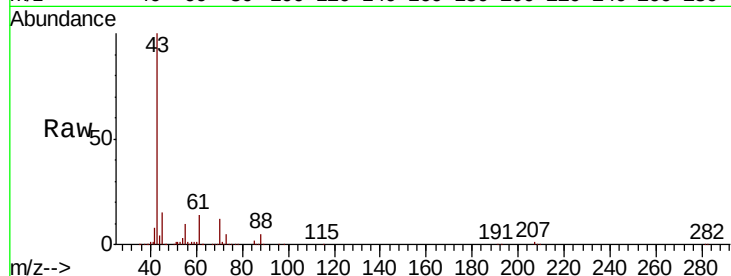




#37
Ethyl Acetate
Concen: 47.935 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

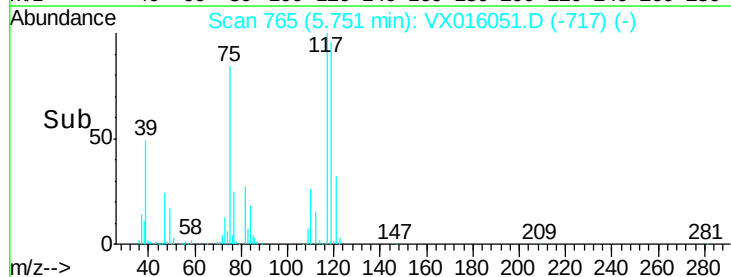
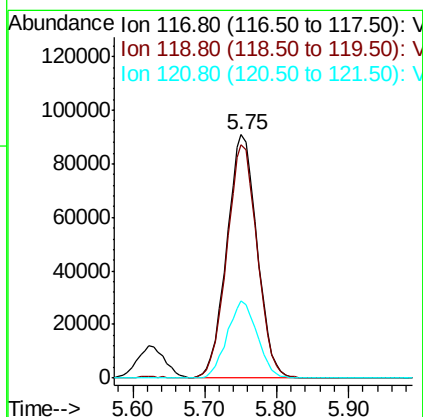
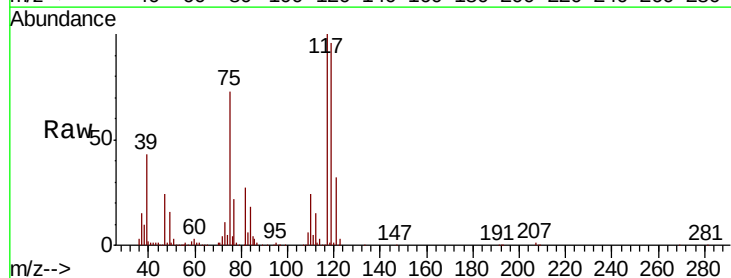
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

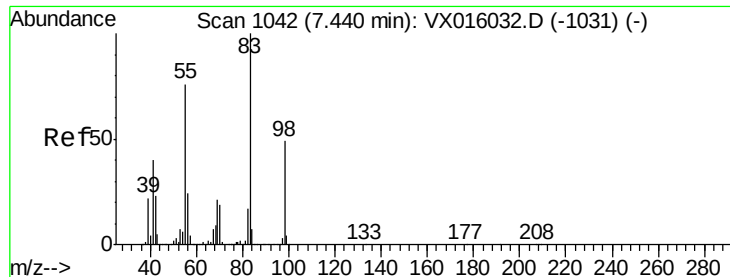
Tot Ion	43	Resp	290224
Ion Ratio	100		
Lower	11.7		
Upper	17.5		
70	11.5	9.3	13.9



#38
Carbon Tetrachloride
Concen: 50.048 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	117	Resp	265736
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	80.3		
Upper	120.5		
119	96.1	25.7	38.5

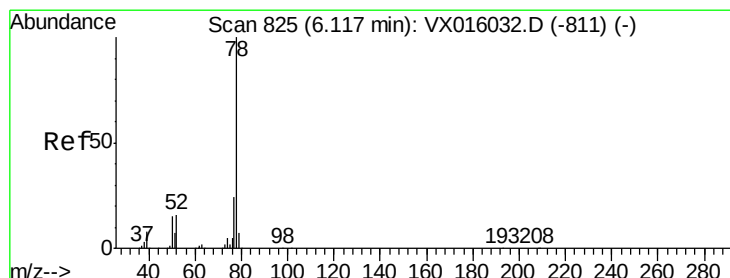
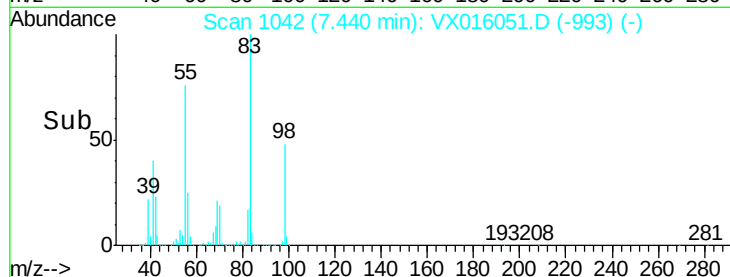
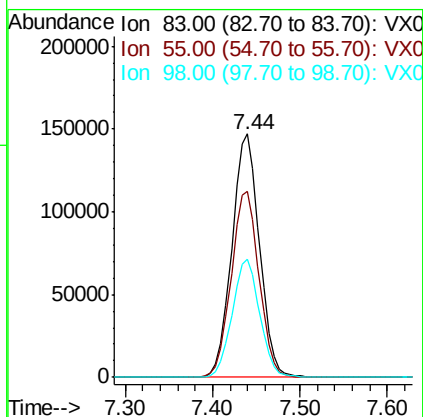
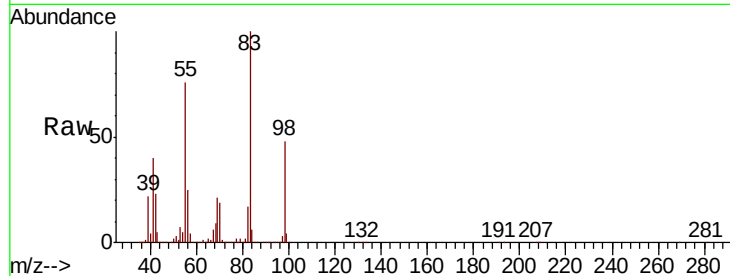




#39
Methylvlcyclohexane
Concen: 51.183 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

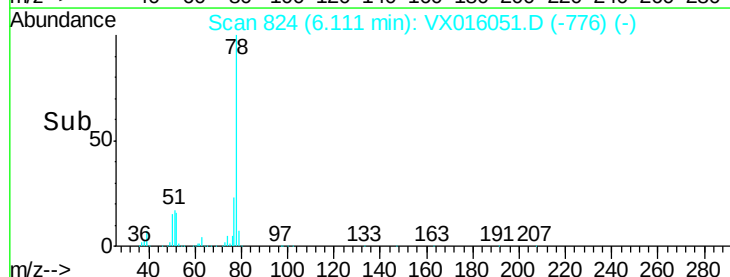
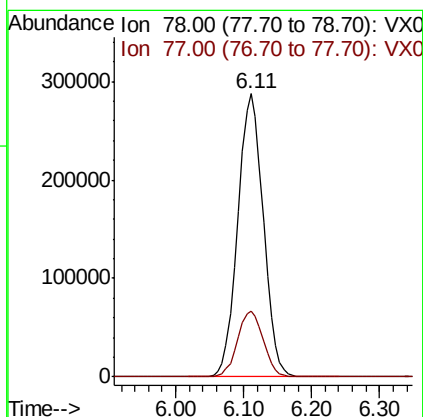
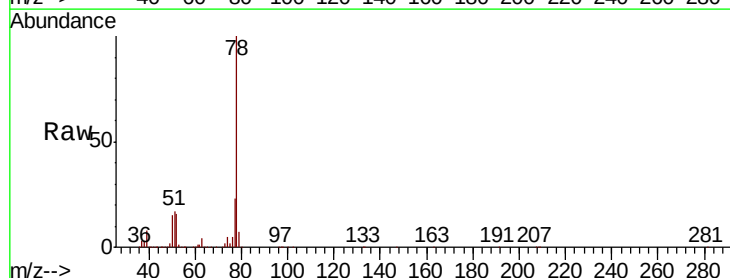
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

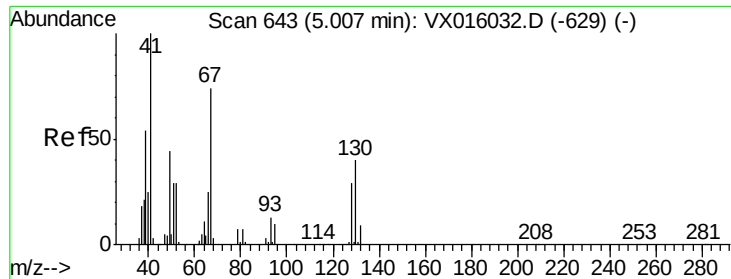
Tot Ion: 83 Resp: 321982
Ion Ratio Lower Upper
83 100
55 76.4 61.1 91.7
98 48.3 39.0 58.4



#40
Benzene
Concen: 49.012 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion: 78 Resp: 749123
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4

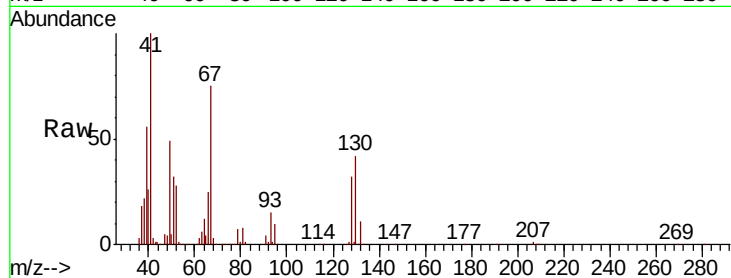




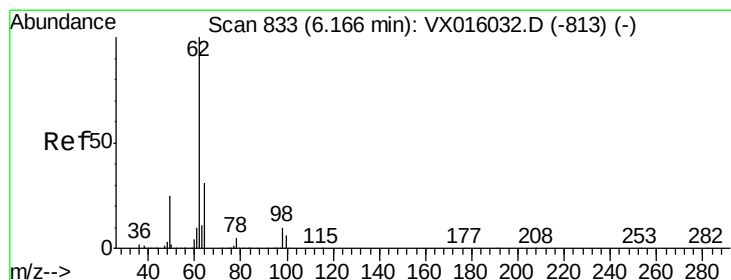
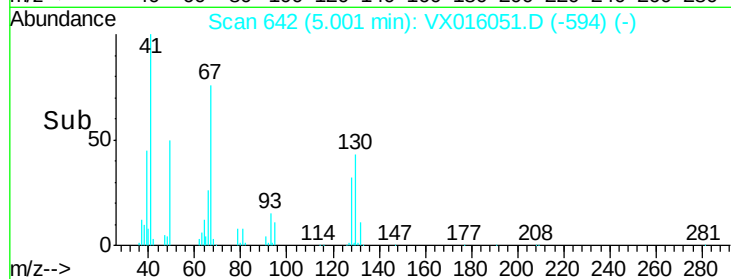
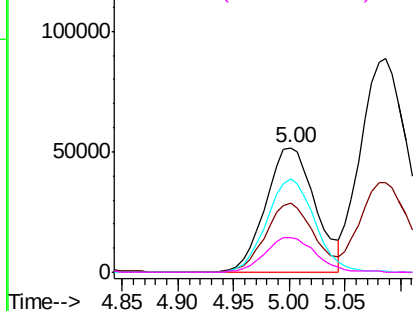
#41
Methacrylonitrile
Concen: 48.911 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	159925
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.2	64.8
67	73.1	59.3	88.9
52	29.0	23.5	35.3

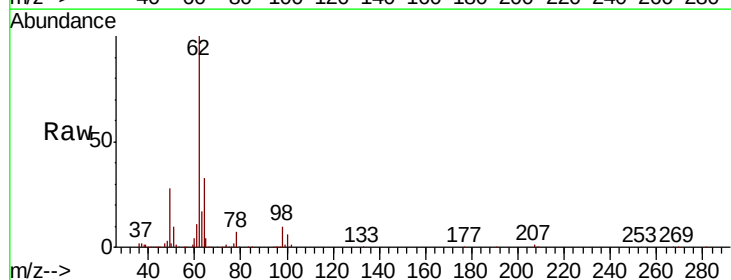


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

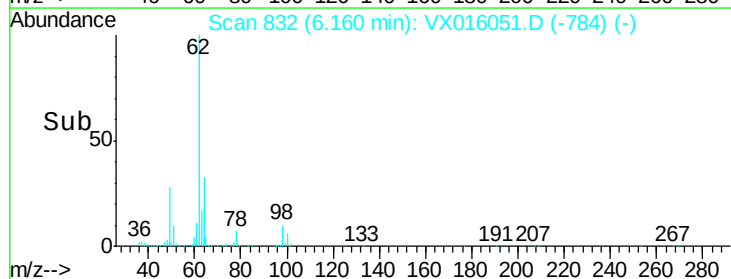
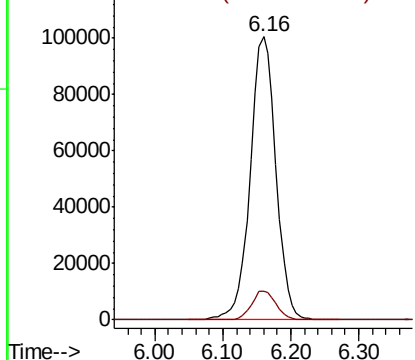


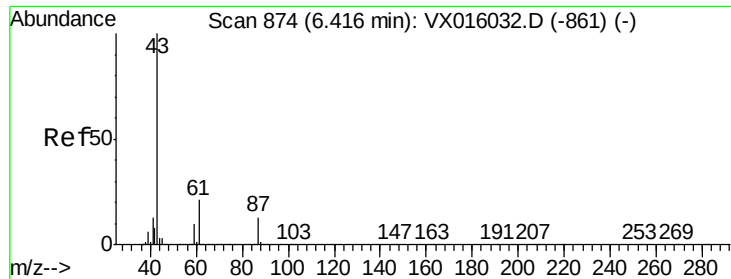
#42
1,2-Dichloroethane
Concen: 48.314 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion:	62	Resp:	266018
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 48.504 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

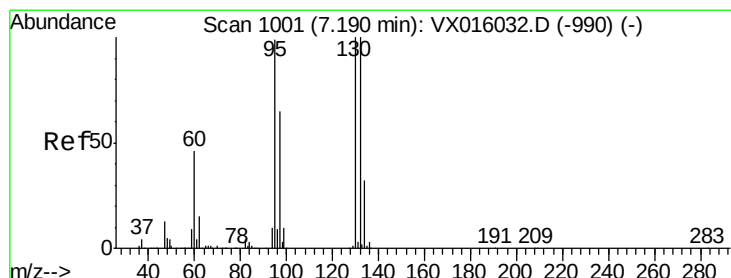
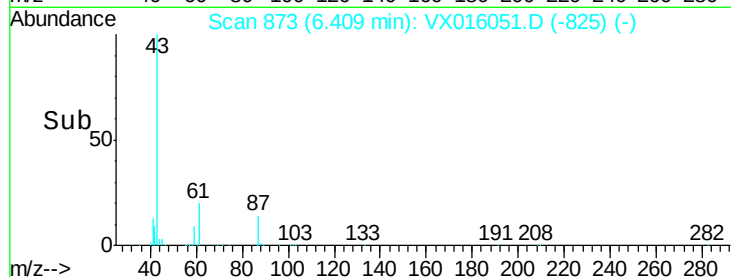
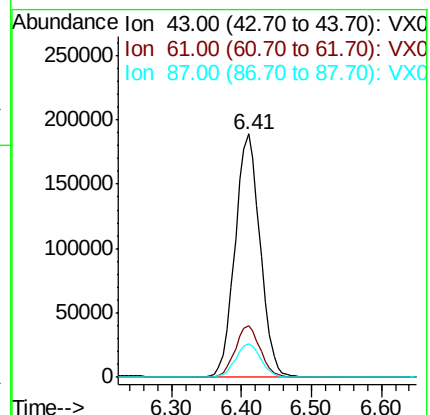
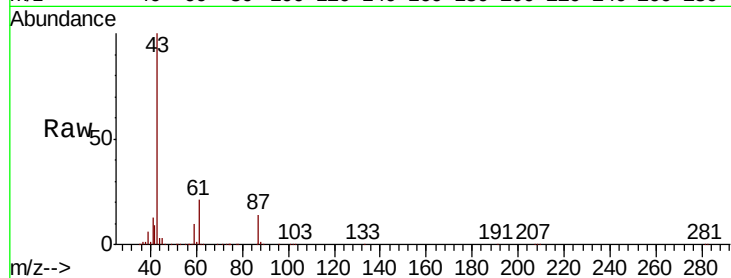
Tot Ion: 43 Resp: 468554

Ion Ratio Lower Upper

43 100

61 21.2 17.0 25.4

87 13.8 11.0 16.6



#44

Trichloroethene

Concen: 49.887 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016051.D

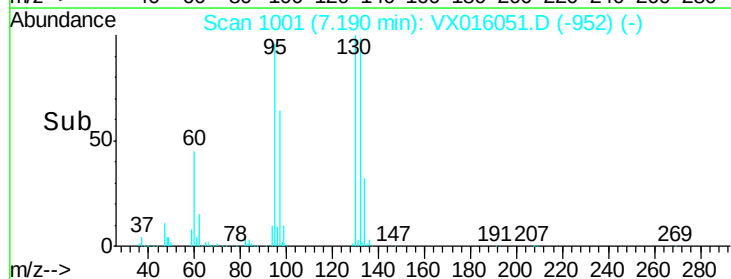
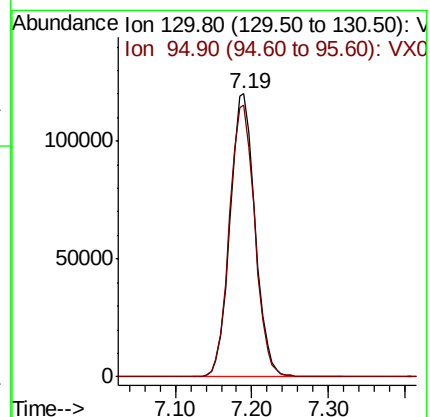
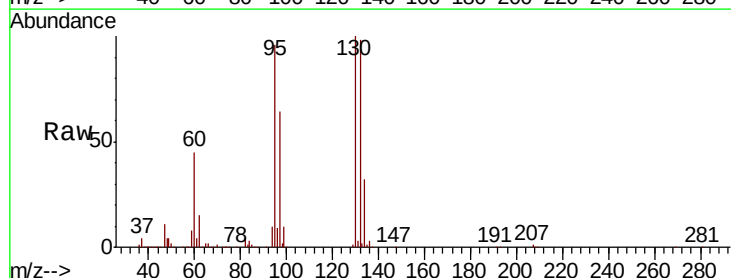
Acq: 05 May 2020 09:58

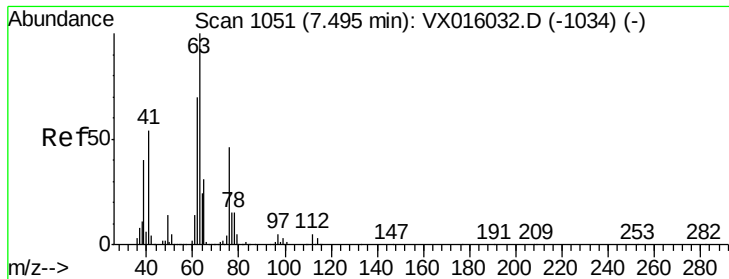
Tgt Ion: 130 Resp: 270889

Ion Ratio Lower Upper

130 100

95 96.0 0.0 197.4





#45

1,2-Dichloropropane

Concen: 49.820 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

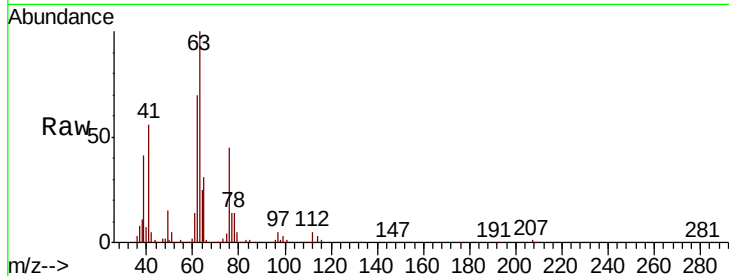
VSTDCCC050

Tot Ion: 63 Resp: 192678

Ion Ratio Lower Upper

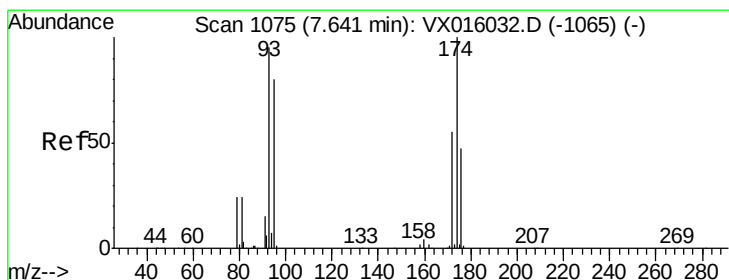
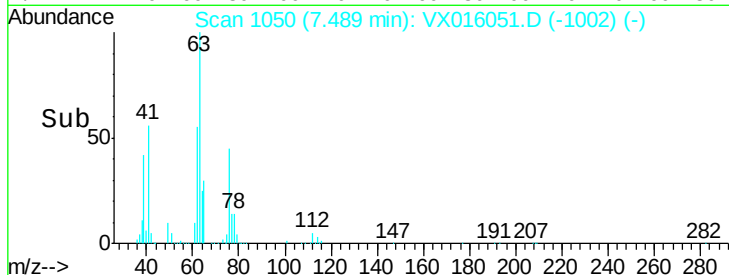
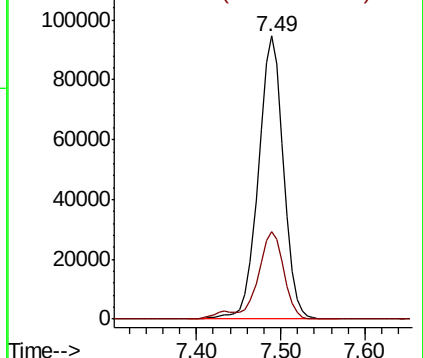
63 100

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: 48.460 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

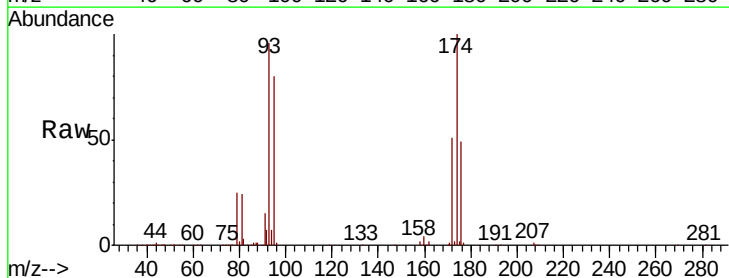
Tgt Ion: 93 Resp: 127364

Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

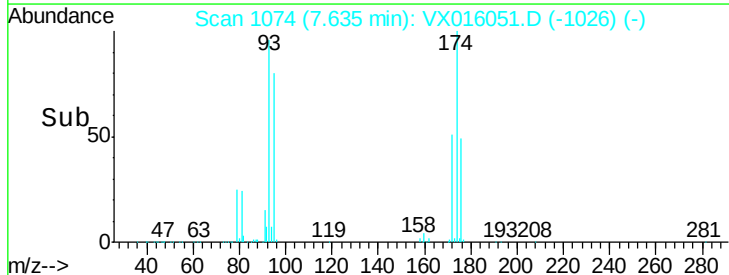
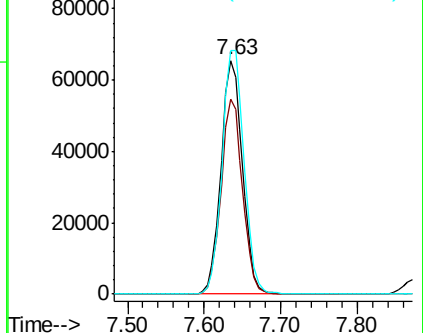
174 106.7 84.2 126.4

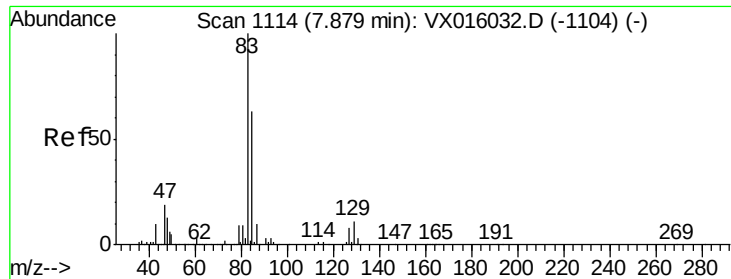


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.817 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

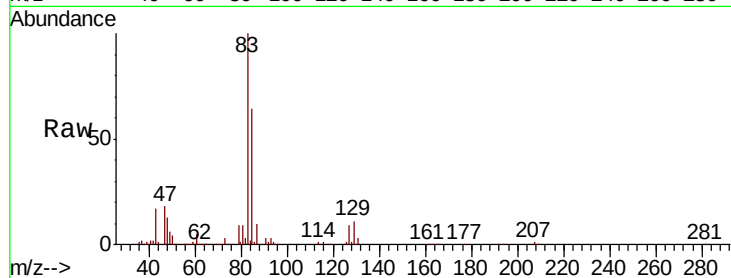
Tot Ion: 83 Resp: 266663

Ion Ratio Lower Upper

83 100

85 64.3 50.5 75.7

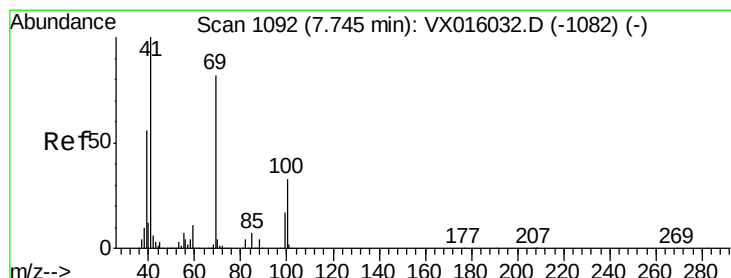
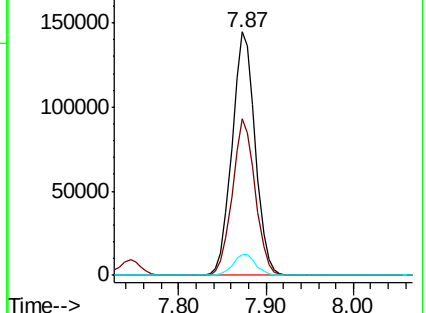
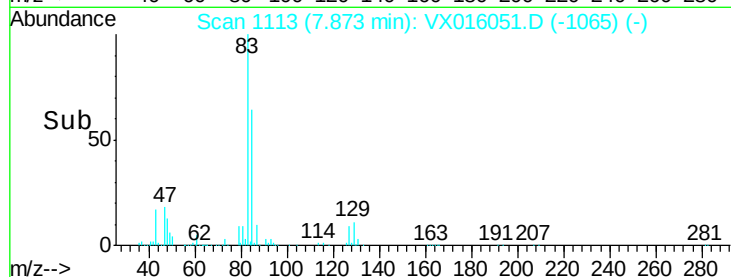
127 8.5 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.353 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

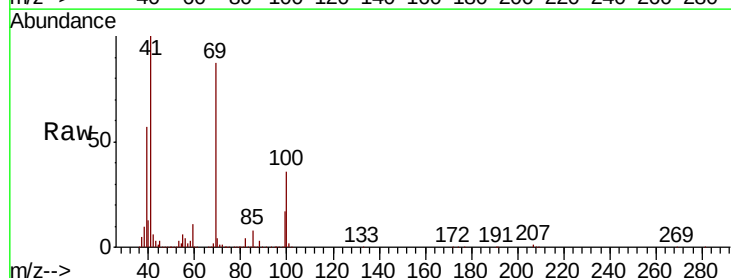
Tgt Ion: 41 Resp: 221332

Ion Ratio Lower Upper

41 100

69 85.3 67.8 101.6

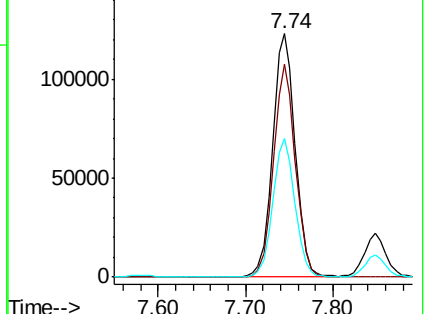
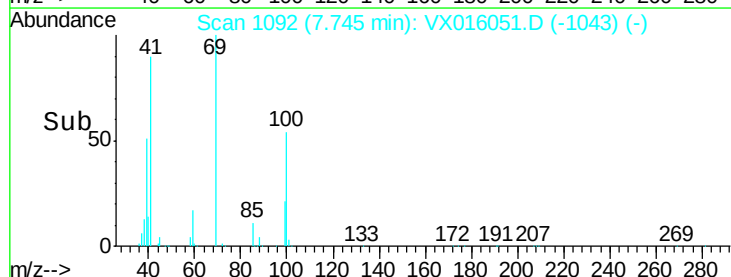
39 55.9 44.6 67.0

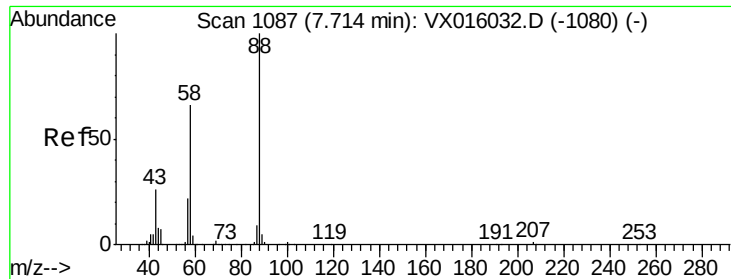


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

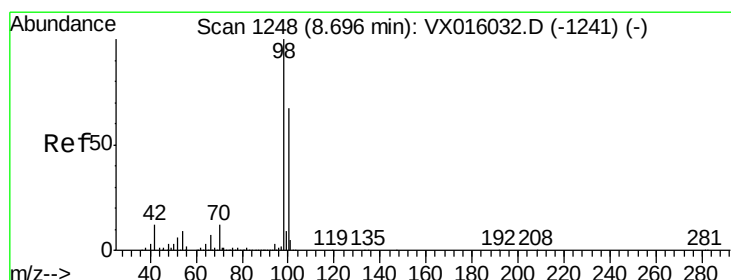
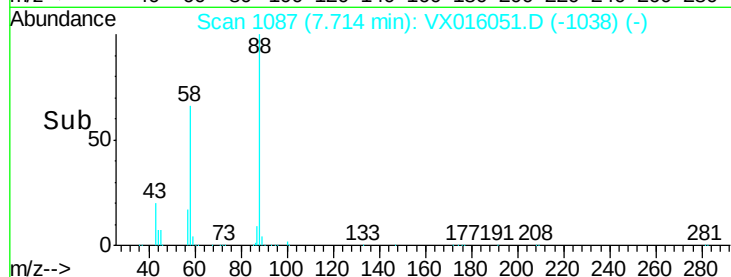
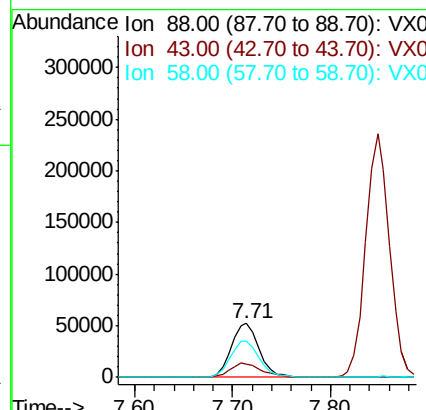
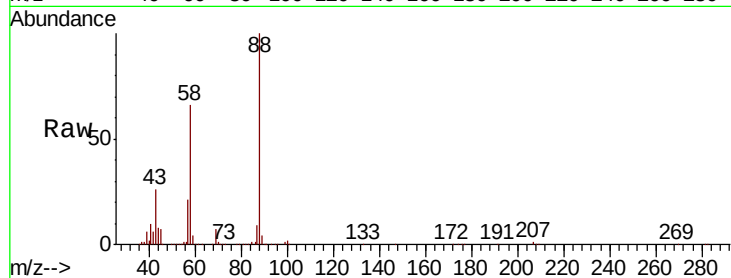




#49
1,4-Dioxane
Concen: 932.106 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

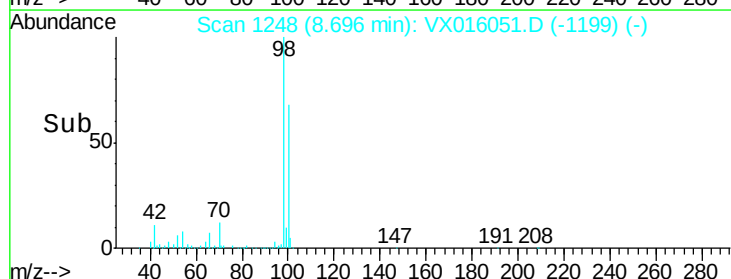
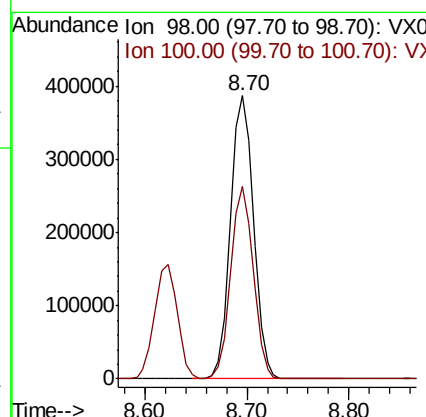
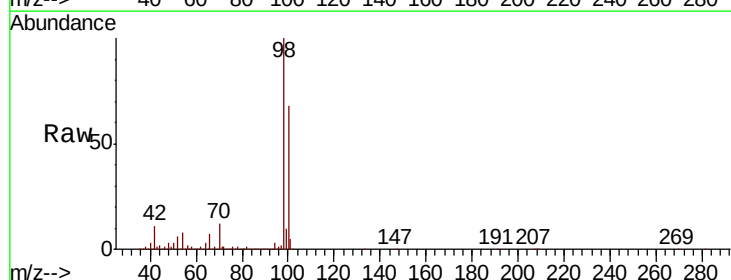
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

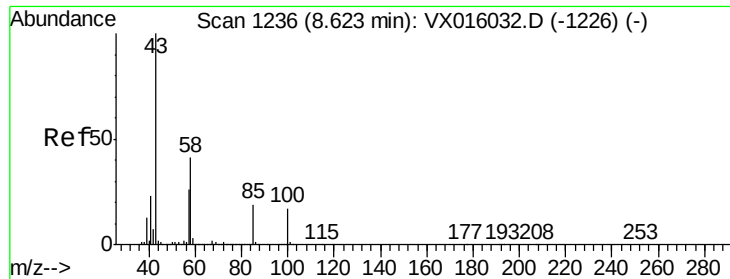
Tot Ion	88	Resp	102329
Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.3	37.9
58	69.7	55.9	83.9



#50
Toluene-d8
Concen: 46.558 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	98	Resp	603132
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 241.806 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

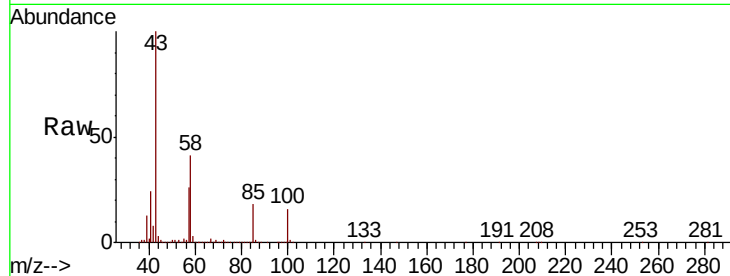
VSTDCCC050

Tot Ion: 43 Resp: 1429430

Ion Ratio Lower Upper

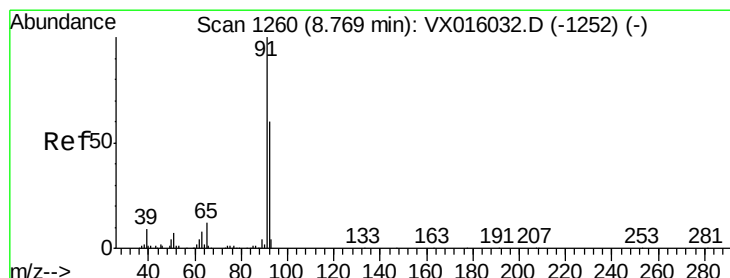
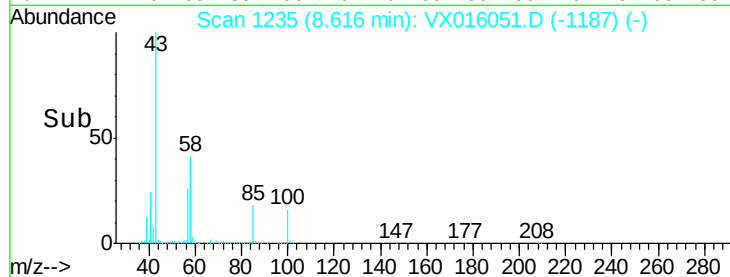
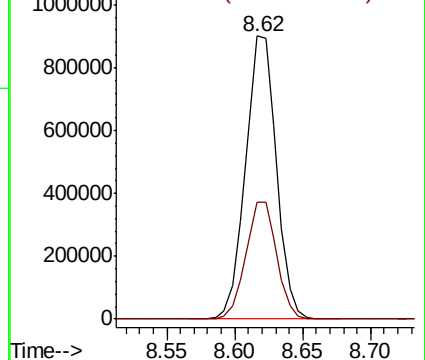
43 100

58 41.3 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.922 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016051.D

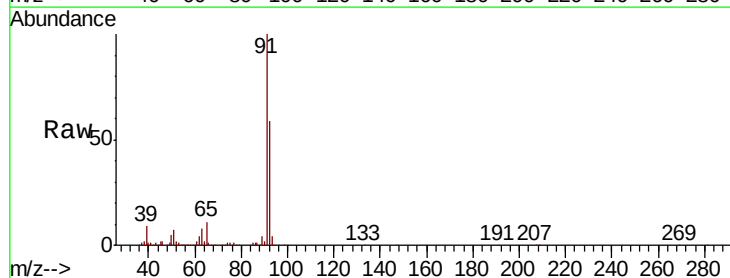
Acq: 05 May 2020 09:58

Tgt Ion: 92 Resp: 475610

Ion Ratio Lower Upper

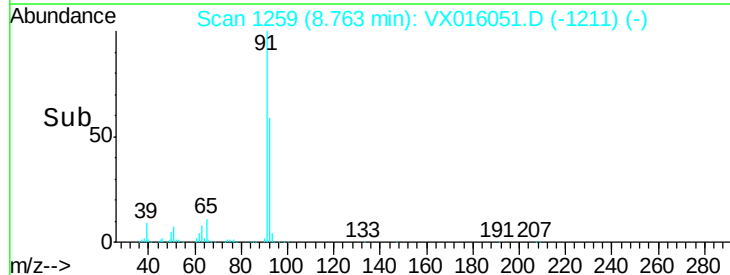
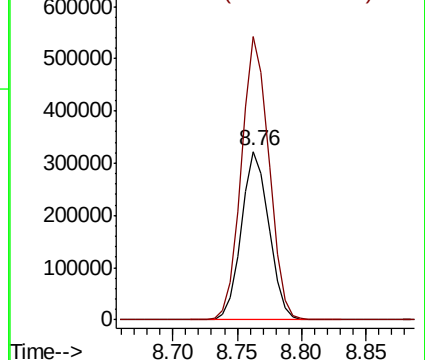
92 100

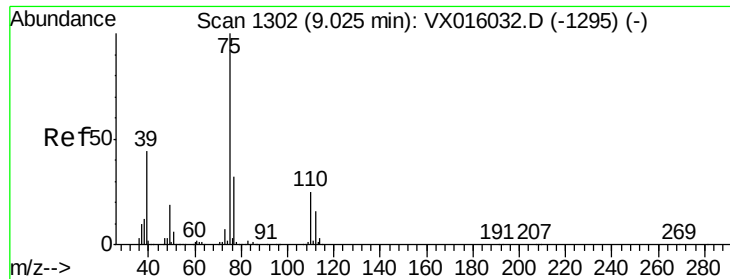
91 168.9 134.5 201.7



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: 49.620 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

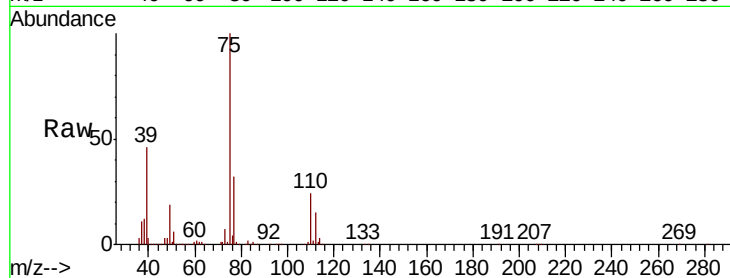
VSTDCCC050

Tot Ion: 75 Resp: 316682

Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

250000

200000

150000

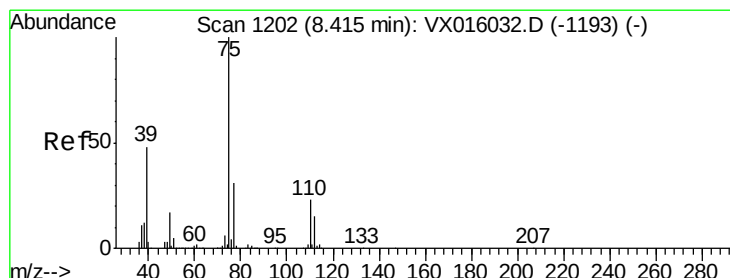
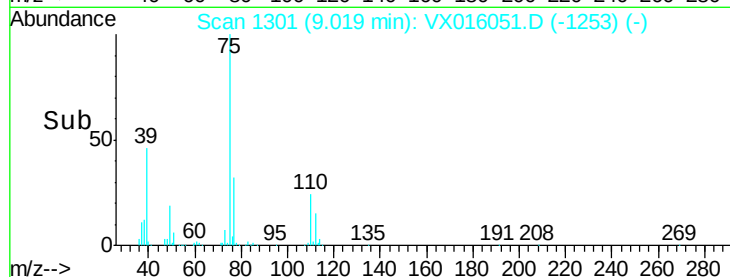
100000

50000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.422 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

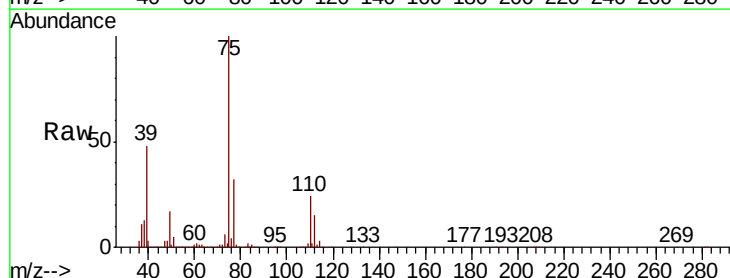
Tgt Ion: 75 Resp: 329459

Ion Ratio Lower Upper

75 100

77 31.9 24.7 37.1

39 48.2 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

250000

200000

150000

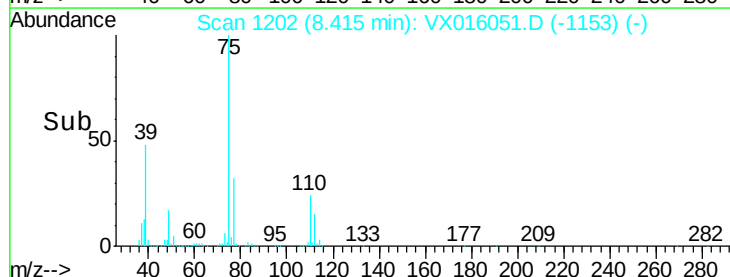
100000

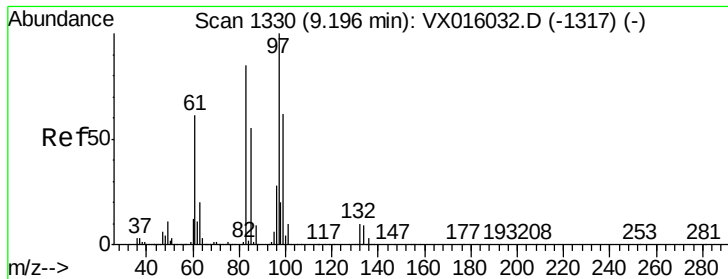
50000

0

8.30 8.40 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 49.401 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 185169

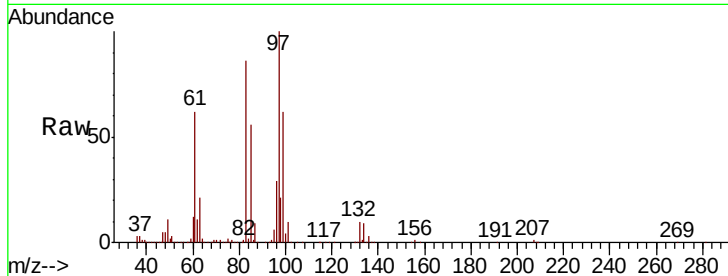
Ion Ratio Lower Upper

97 100

83 86.4 67.8 101.8

85 55.5 43.8 65.8

99 62.2 49.4 74.0

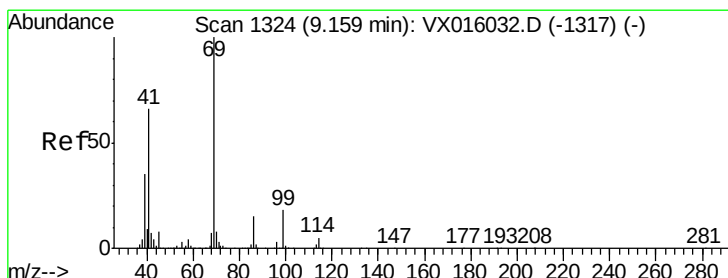
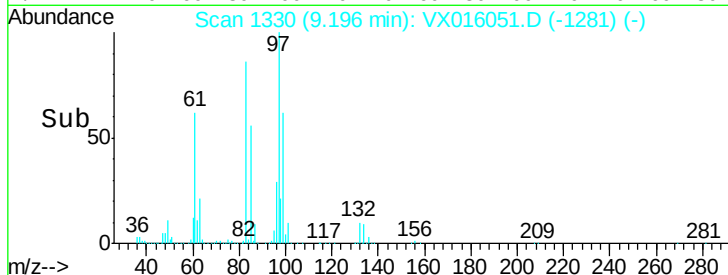
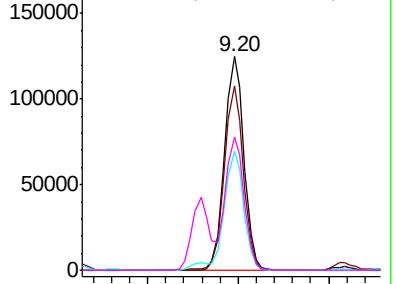


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.729 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

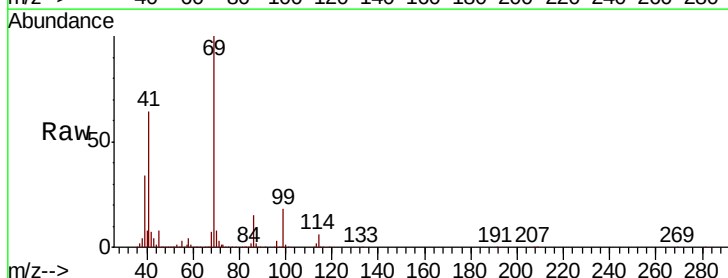
Tgt Ion: 69 Resp: 310383

Ion Ratio Lower Upper

69 100

41 64.9 52.2 78.4

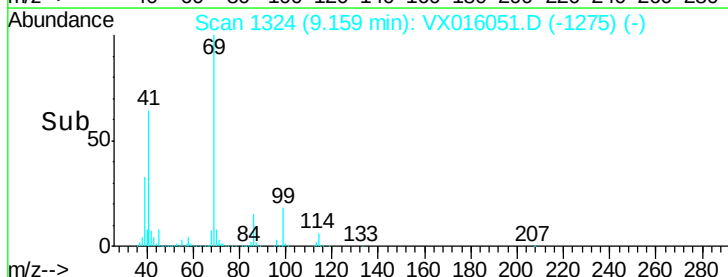
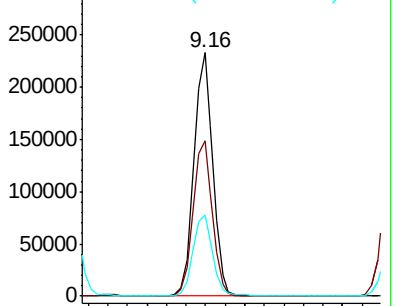
39 34.9 28.2 42.4

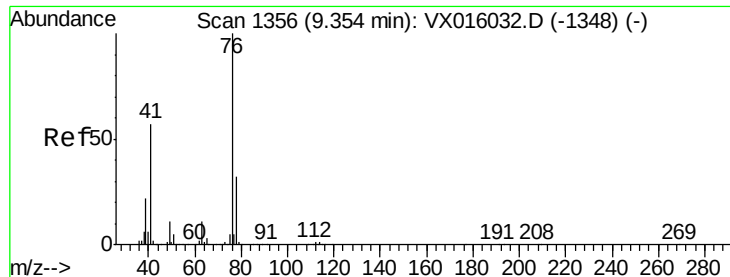


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.463 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

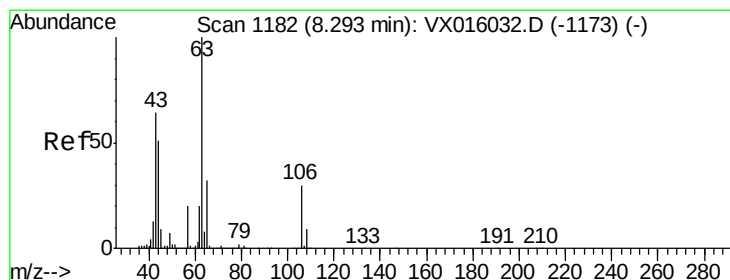
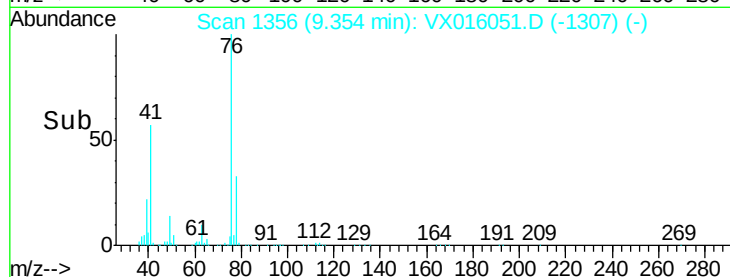
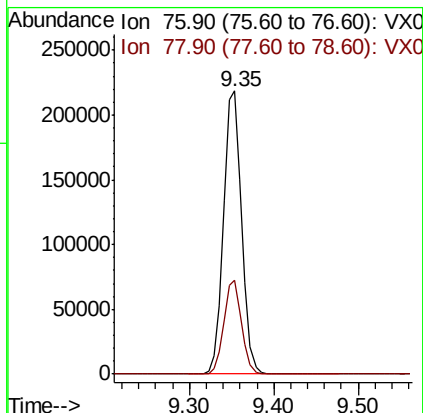
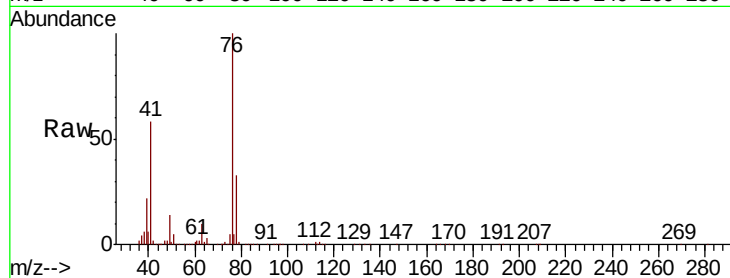
VSTDCCC050

Tot Ion: 76 Resp: 323511

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 255.319 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016051.D

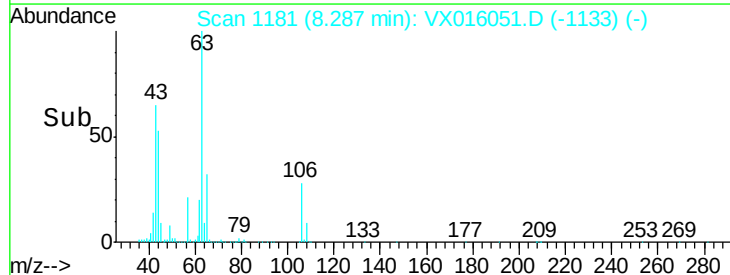
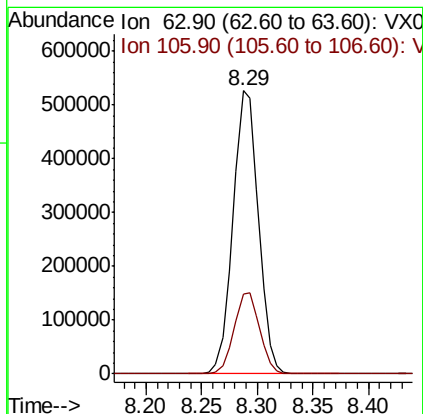
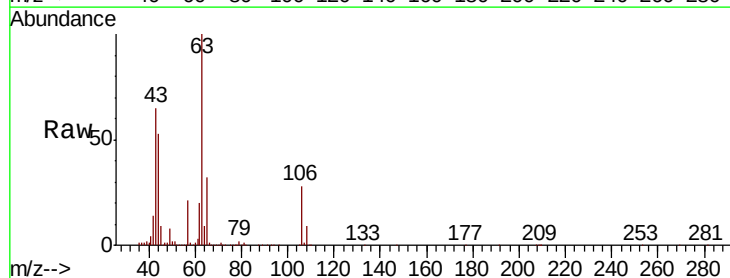
Acq: 05 May 2020 09:58

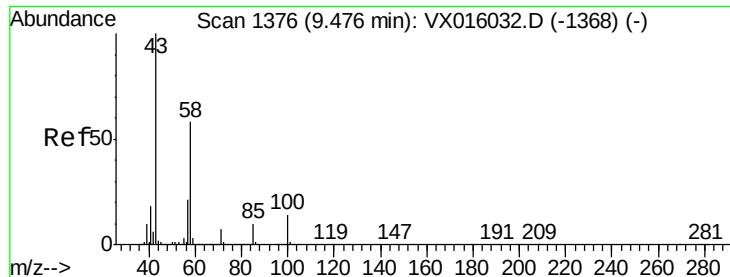
Tgt Ion: 63 Resp: 831649

Ion Ratio Lower Upper

63 100

106 28.8 23.4 35.2

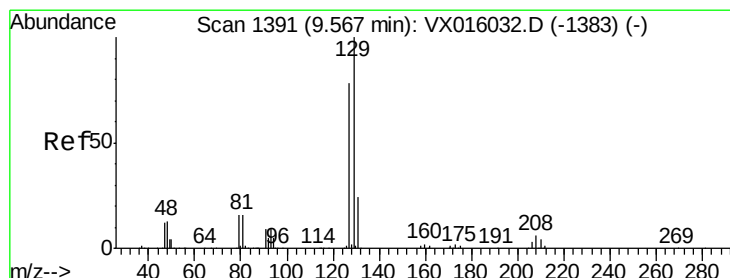
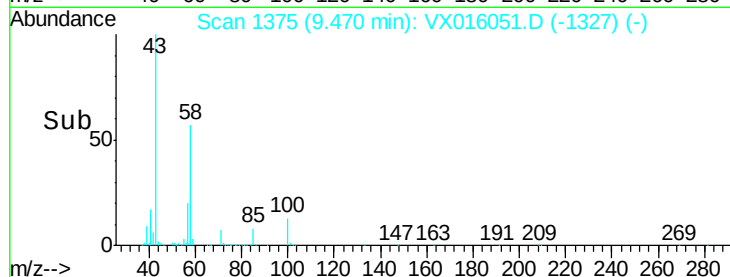
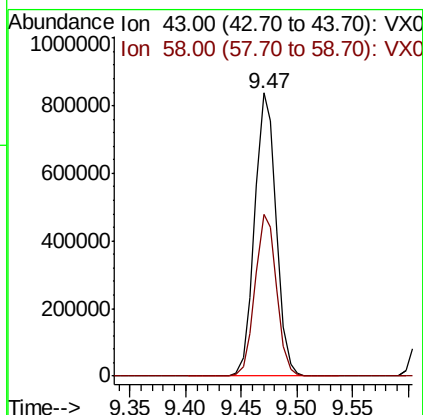
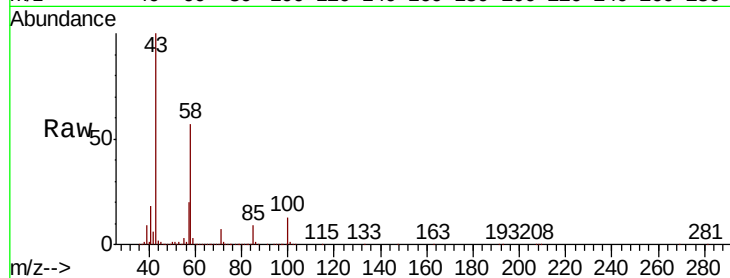




#59
2-Hexanone
Concen: 242.535 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

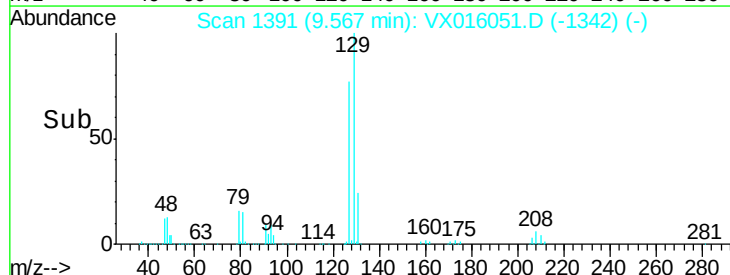
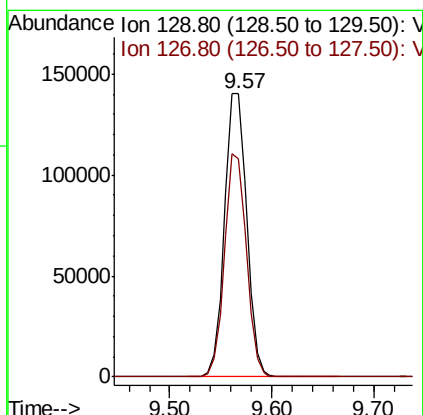
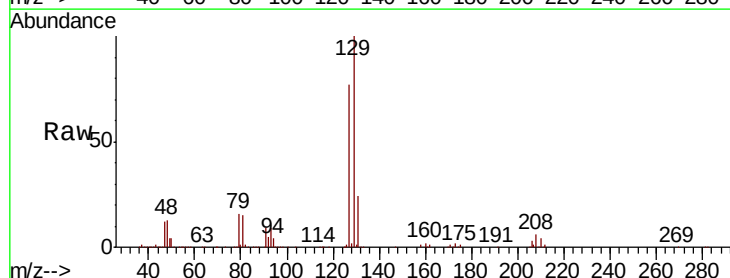
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

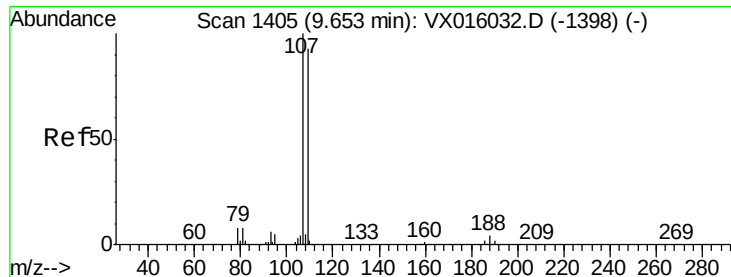
Tot Ion: 43 Resp: 1125948
Ion Ratio Lower Upper
43 100
58 57.3 28.6 85.9



#60
Dibromochloromethane
Concen: 51.389 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion: 129 Resp: 212146
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 49.801 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

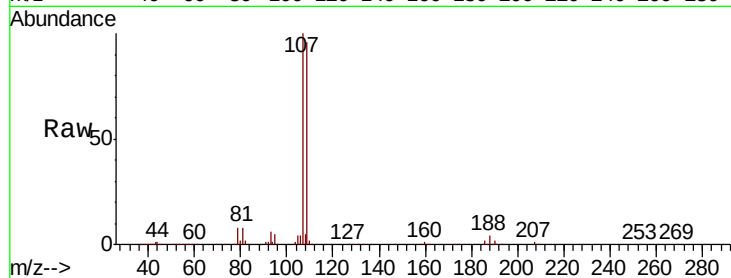
VSTDCCC050

Tot Ion:107 Resp: 202195

Ion Ratio Lower Upper

107 100

109 94.2 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

100000

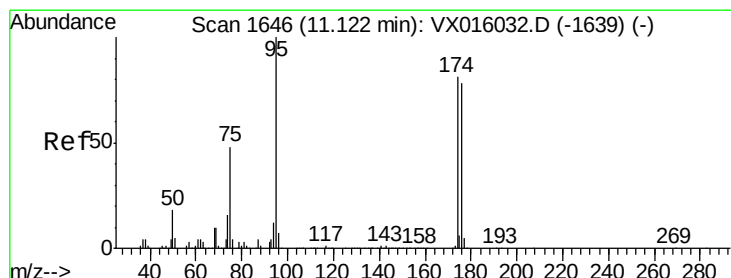
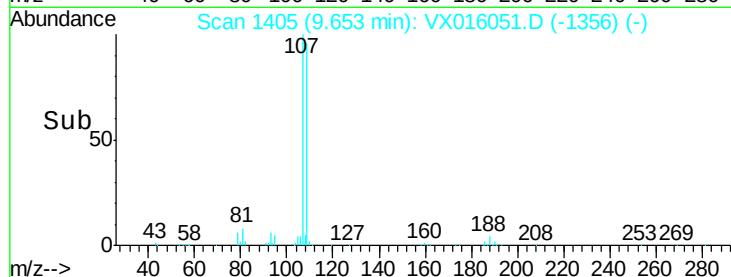
50000

0

9.65

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 47.979 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

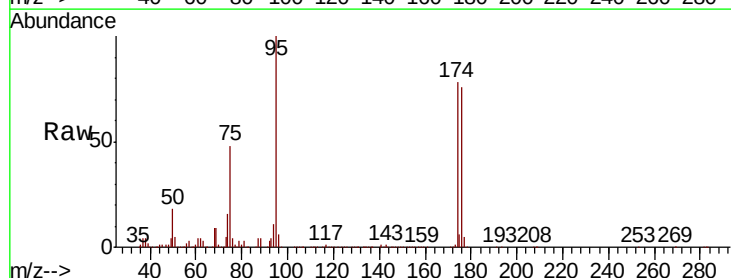
Tgt Ion: 95 Resp: 236401

Ion Ratio Lower Upper

95 100

174 78.9 0.0 159.4

176 76.5 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

250000

200000

150000

100000

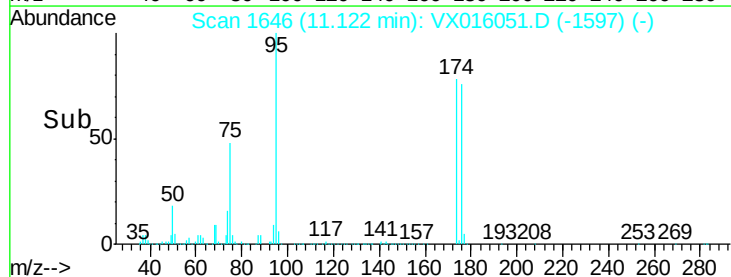
50000

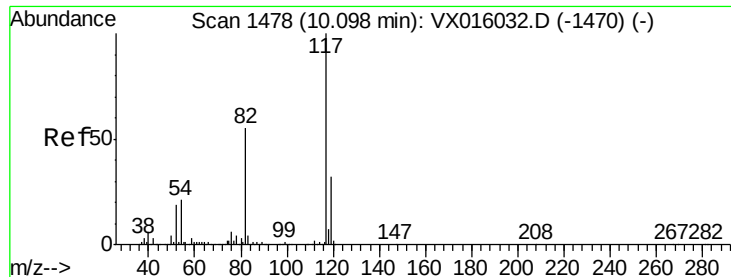
0

11.12

11.10 11.20

Time-->

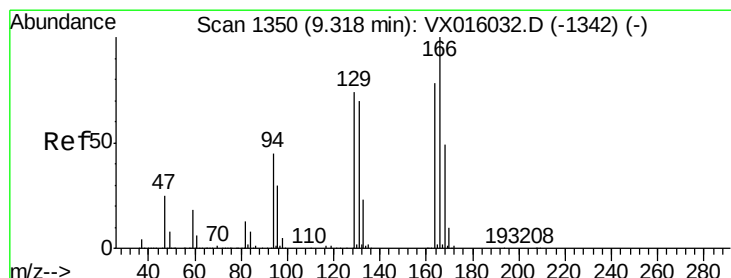
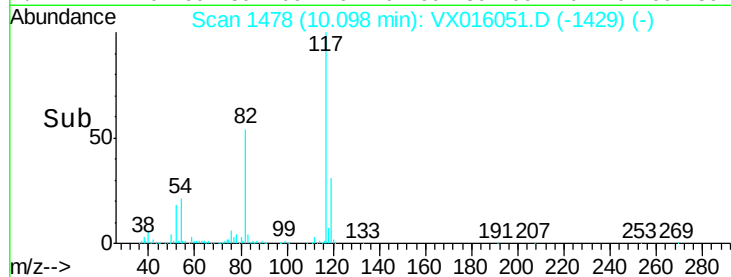
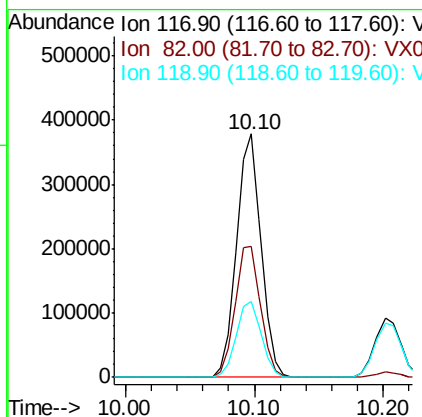
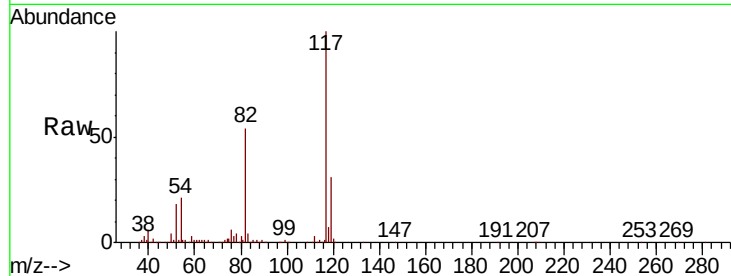




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

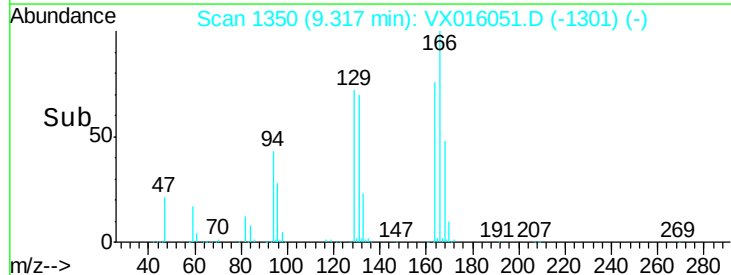
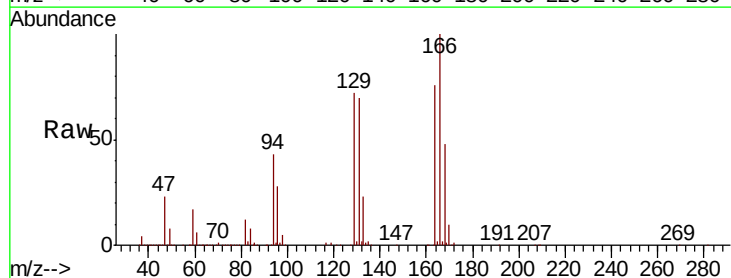
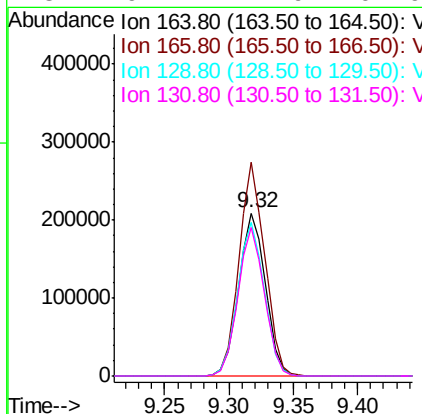
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

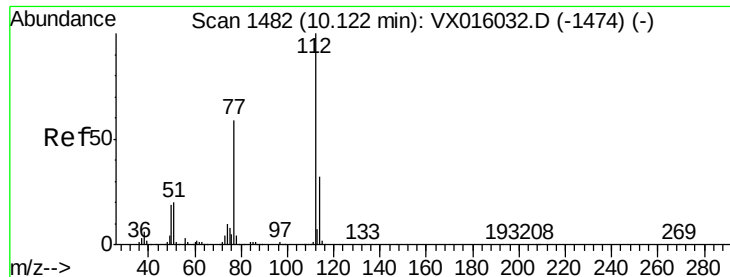
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.4	66.6
119	31.2	25.5	38.3



#64
Tetrachloroethene
Concen: 48.929 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.4	102.9	154.3
129	94.8	76.1	114.1
131	91.7	71.9	107.9





#65

Chlorobenzene

Concen: 48.590 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

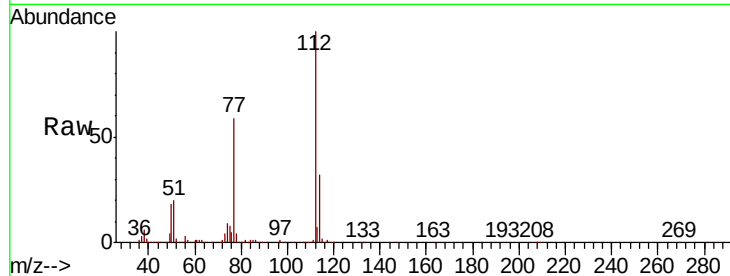
VSTDCCC050

Tot Ion:112 Resp: 507431

Ion Ratio Lower Upper

112 100

114 32.2 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

400000

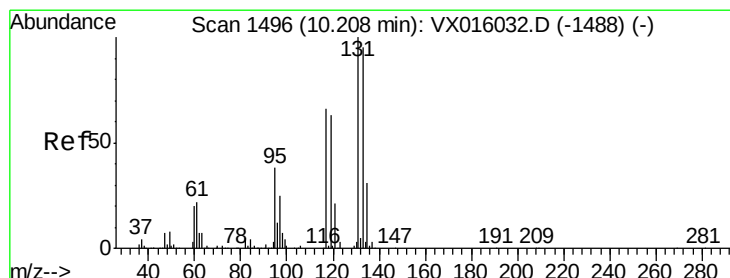
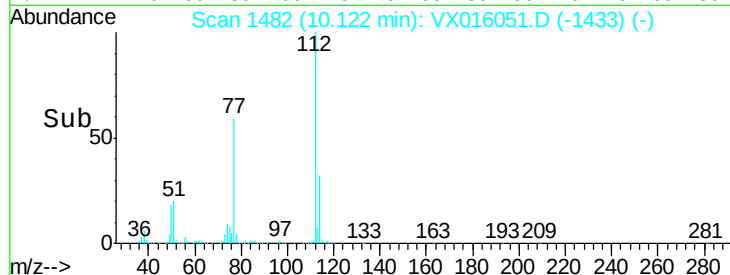
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 49.344 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

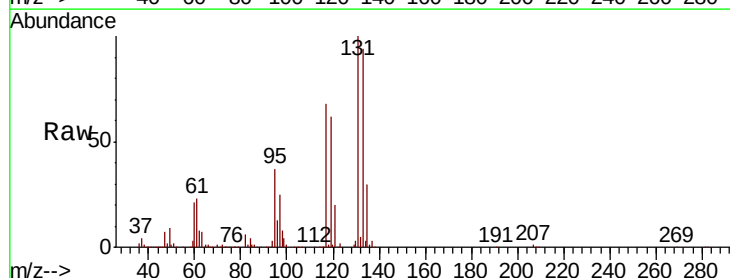
Tgt Ion:131 Resp: 190460

Ion Ratio Lower Upper

131 100

133 95.1 48.3 144.8

119 63.4 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.20

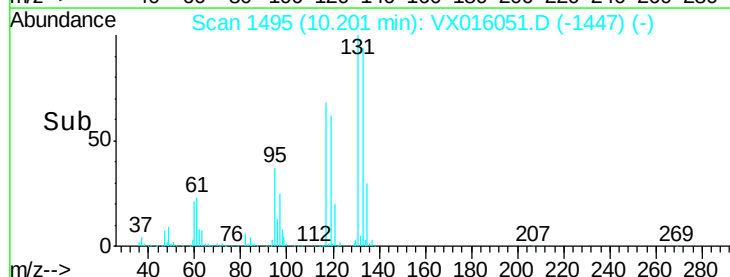
150000

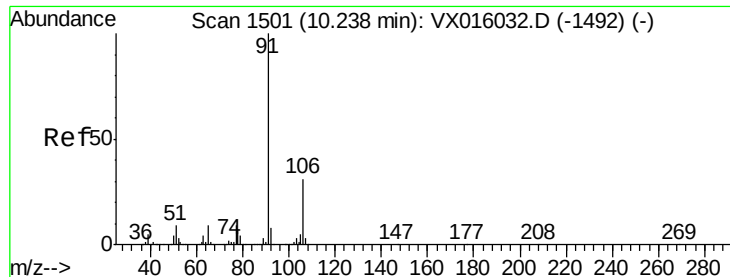
100000

50000

0

Time--> 10.10 10.20 10.30





#67

Ethyl Benzene

Concen: 49.389 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

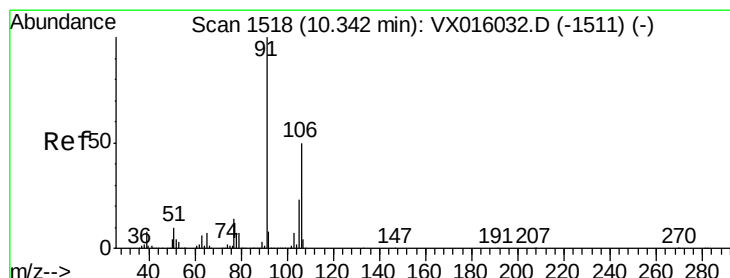
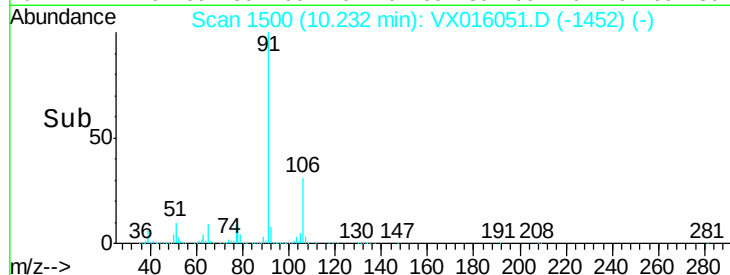
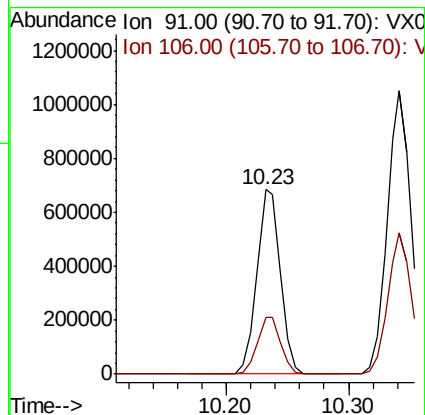
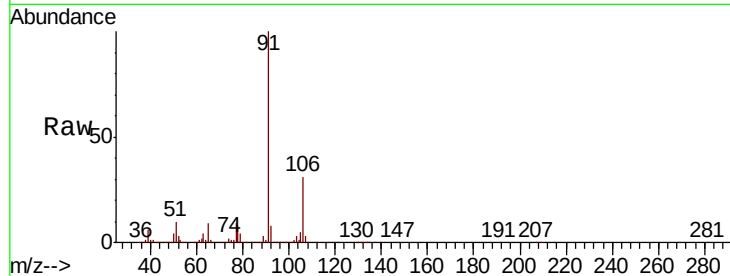
VSTDCCC050

Tot Ion: 91 Resp: 920266

Ion Ratio Lower Upper

91 100

106 30.9 25.1 37.7



#68

m/p-Xylenes

Concen: 100.163 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016051.D

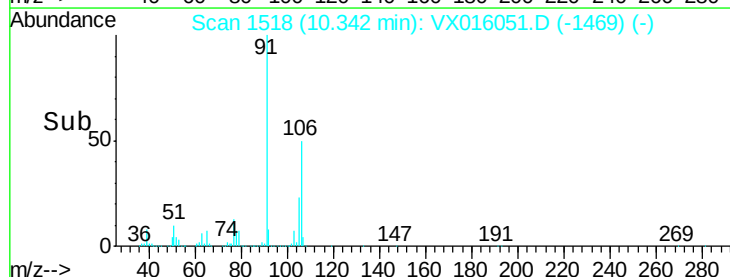
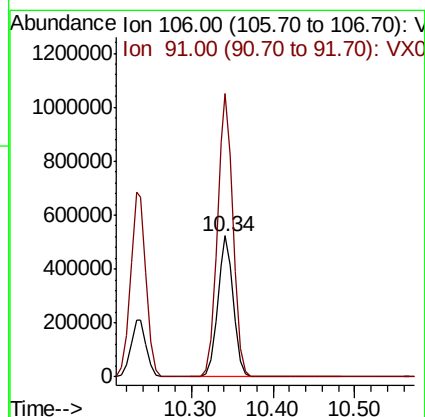
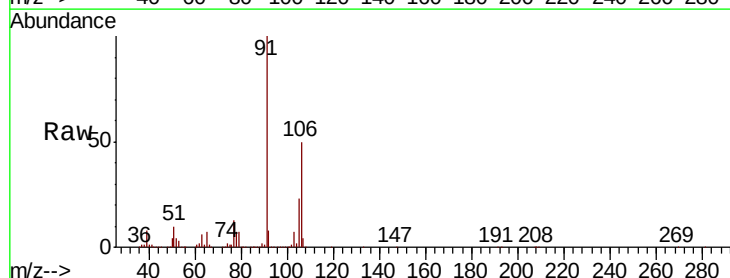
Acq: 05 May 2020 09:58

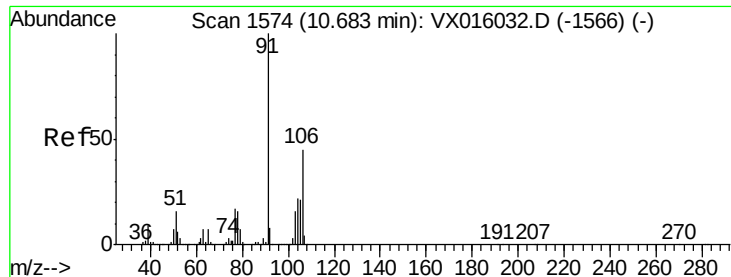
Tgt Ion: 106 Resp: 699246

Ion Ratio Lower Upper

106 100

91 202.8 161.7 242.5

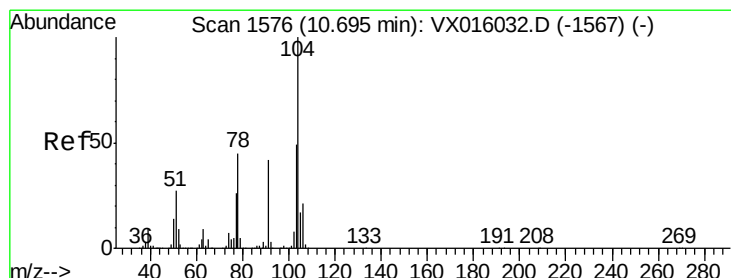
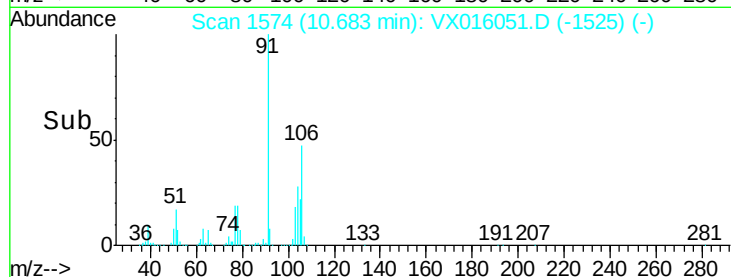
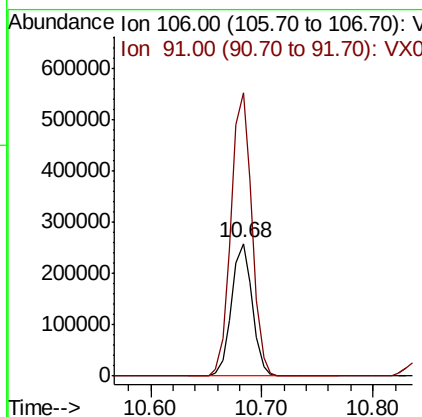
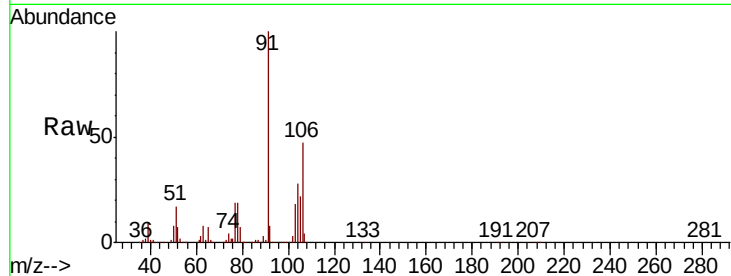




#69
o-Xylene
Concen: 49.591 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

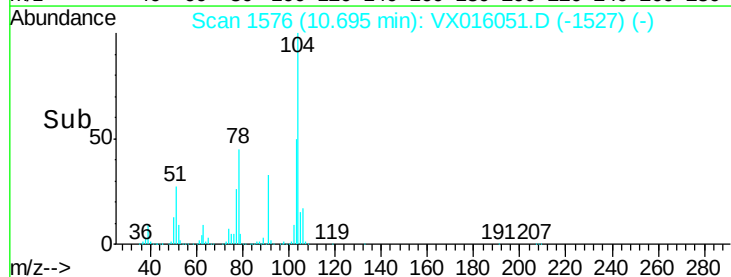
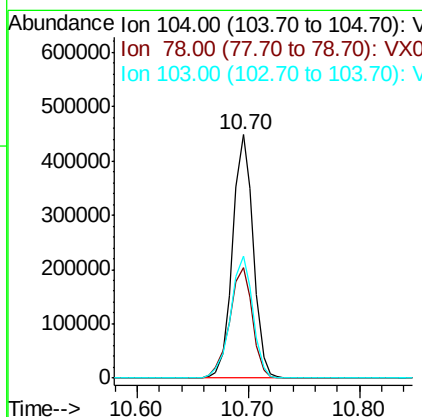
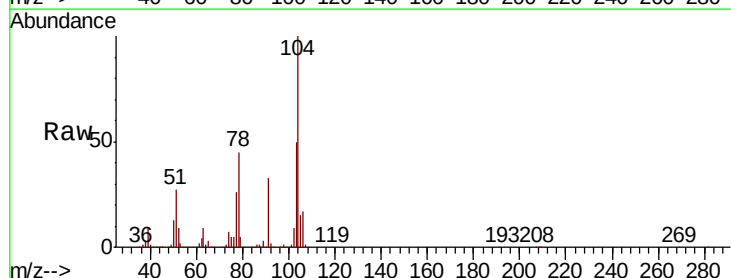
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

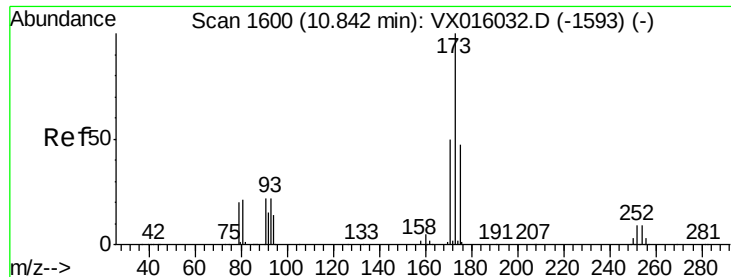
Tot Ion:106 Resp: 332780
Ion Ratio Lower Upper
106 100
91 215.0 107.5 322.6



#70
Styrene
Concen: 50.370 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion:104 Resp: 573434
Ion Ratio Lower Upper
104 100
78 50.4 40.2 60.2
103 54.3 43.0 64.6





#71

Bromoform

Concen: 49.916 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

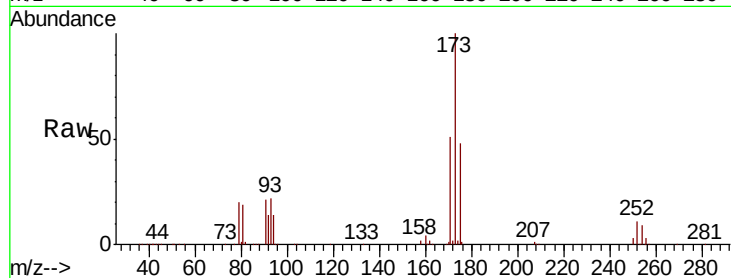
Tot Ion:173 Resp: 156971

Ion Ratio Lower Upper

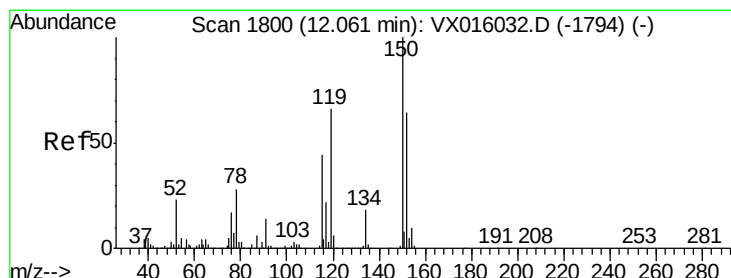
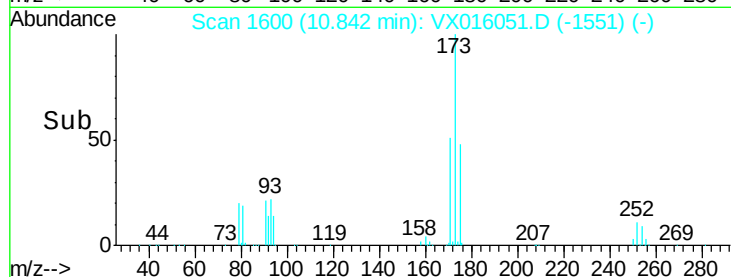
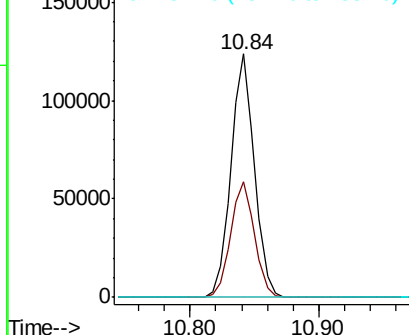
173 100

175 48.6 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: VX016051.D

Acq: 05 May 2020 09:58

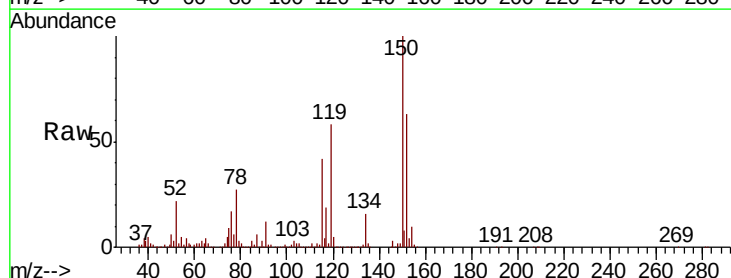
Tgt Ion:152 Resp: 251228

Ion Ratio Lower Upper

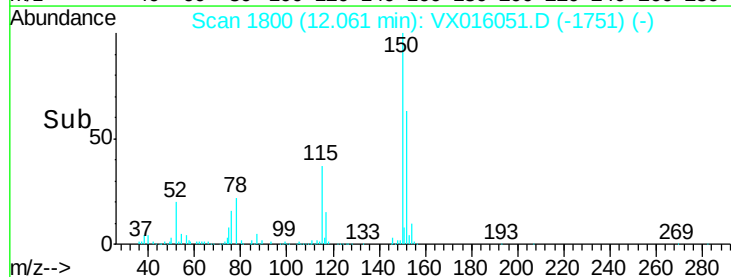
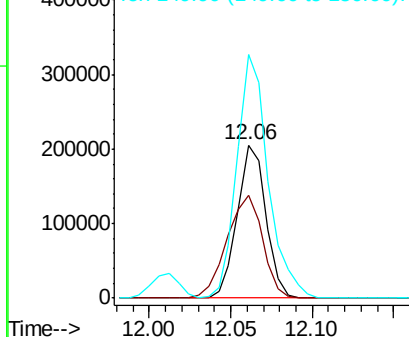
152 100

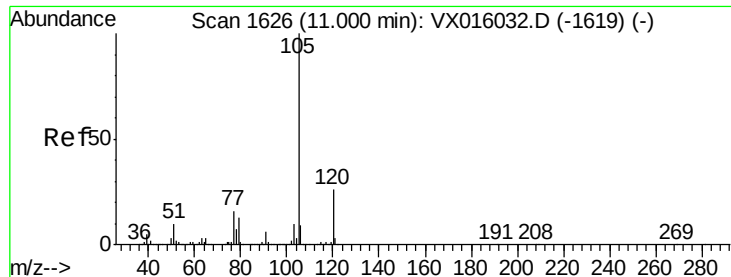
115 82.6 41.3 124.1

150 174.2 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: 49.240 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

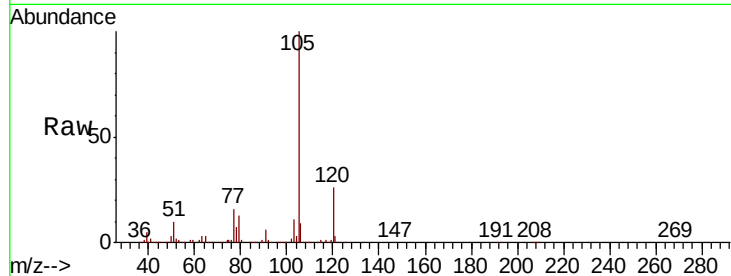
VSTDCCC050

Tot Ion:105 Resp: 899762

Ion Ratio Lower Upper

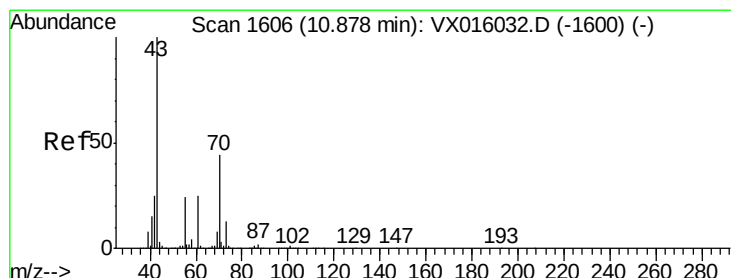
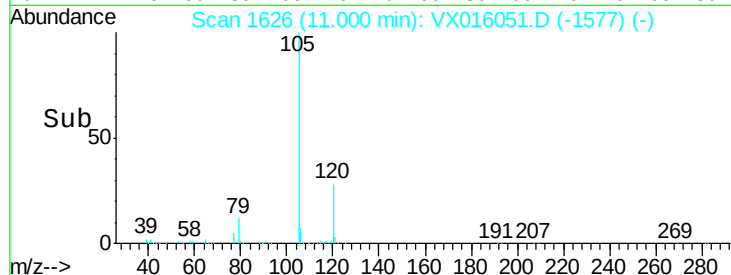
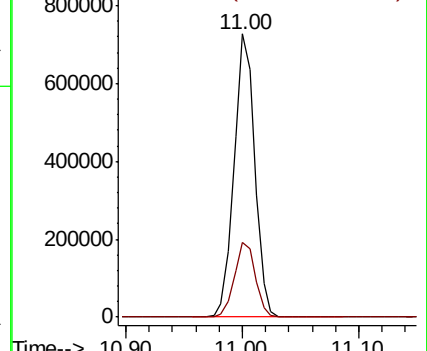
105 100

120 26.8 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: 47.814 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Tgt Ion: 43 Resp: 407530

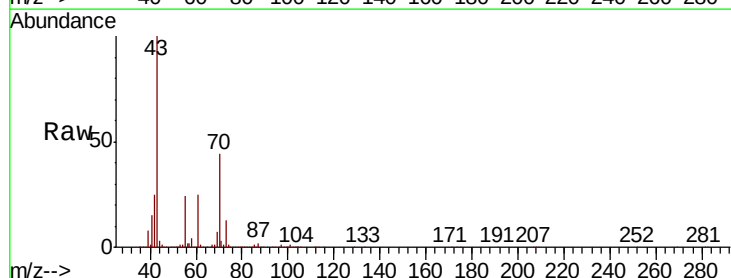
Ion Ratio Lower Upper

43 100

70 45.0 36.5 54.7

55 24.6 19.7 29.5

61 25.4 20.9 31.3

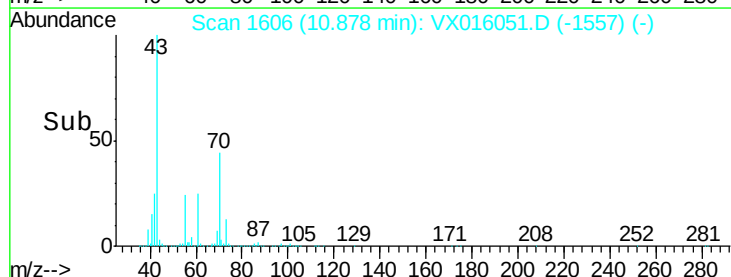
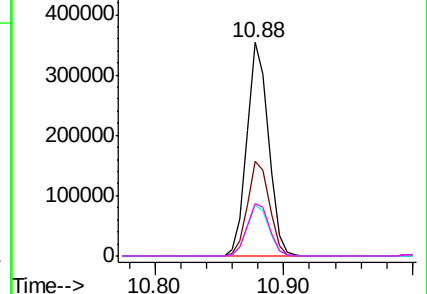


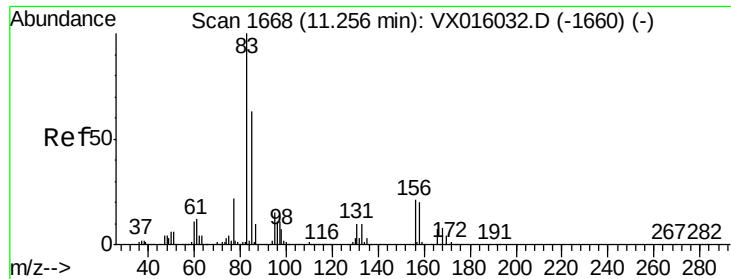
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 38.214 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

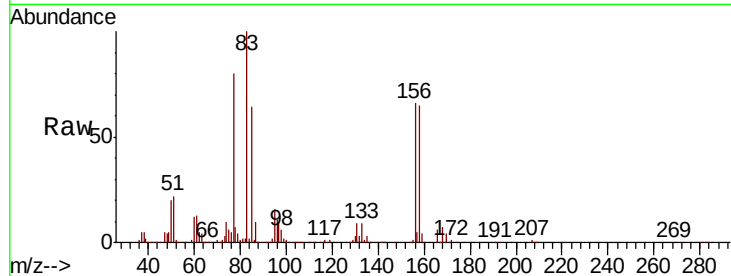
Tot Ion: 83 Resp: 147019

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

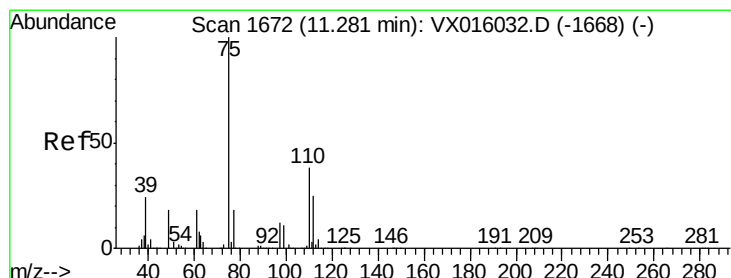
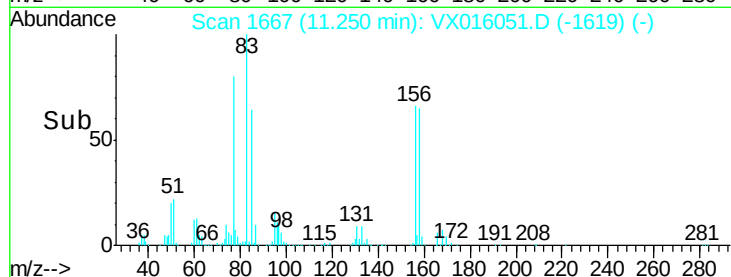
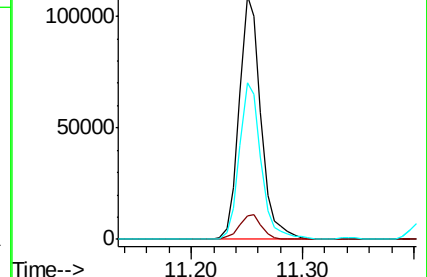
85 64.8 32.0 96.0



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: 64.358 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016051.D

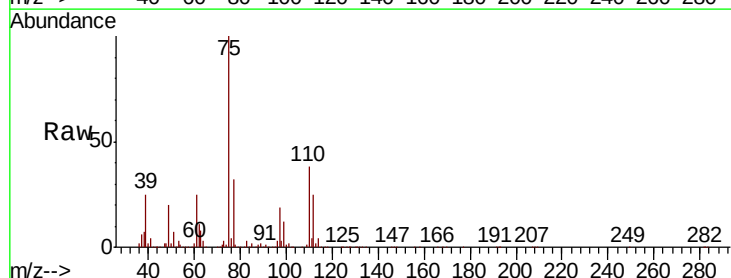
Acq: 05 May 2020 09:58

Tgt Ion: 75 Resp: 366900

Ion Ratio Lower Upper

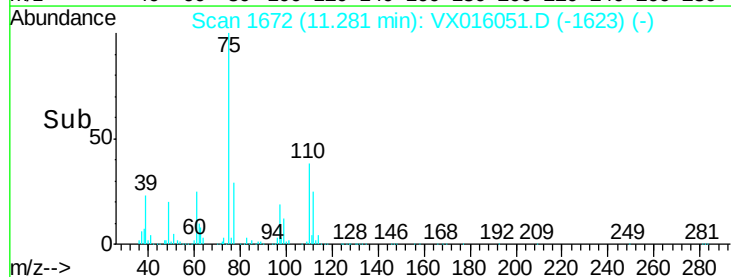
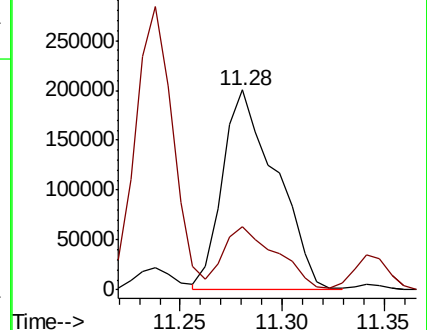
75 100

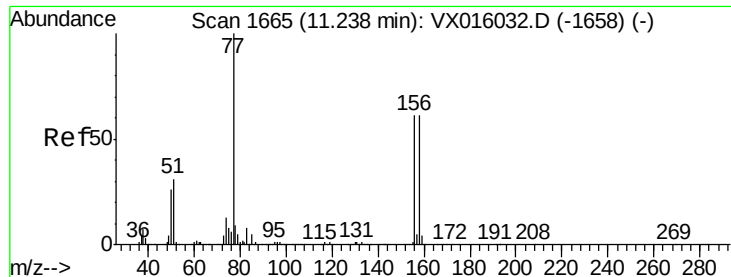
77 31.4 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.862 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

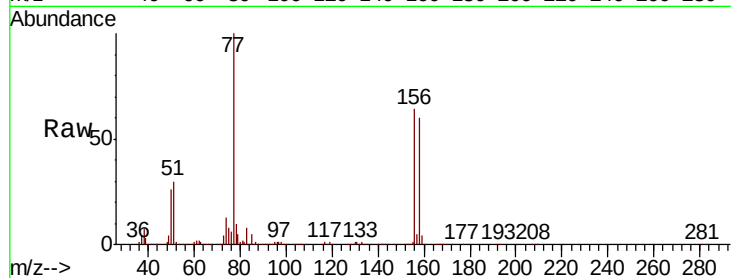
Tot Ion:156 Resp: 225740

Ion Ratio Lower Upper

156 100

77 160.4 80.1 240.3

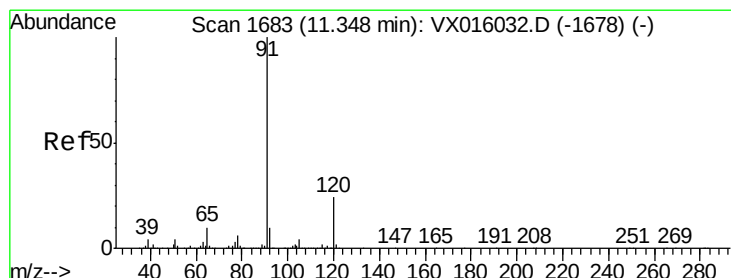
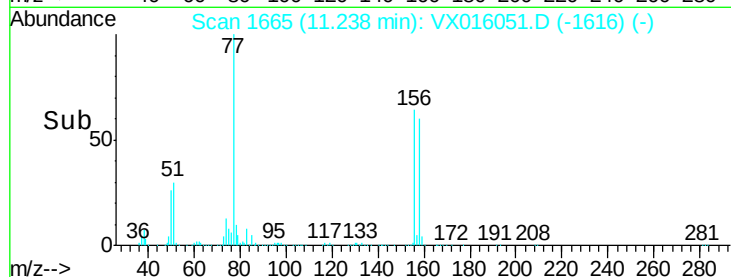
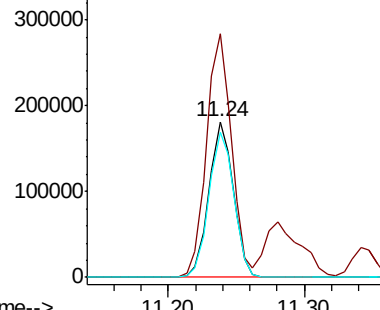
158 95.9 49.4 148.2



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: 49.835 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016051.D

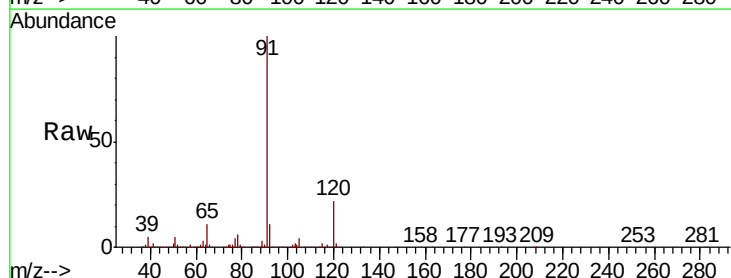
Acq: 05 May 2020 09:58

Tgt Ion: 91 Resp: 1059369

Ion Ratio Lower Upper

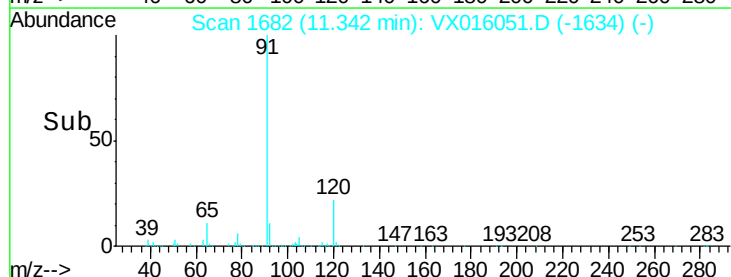
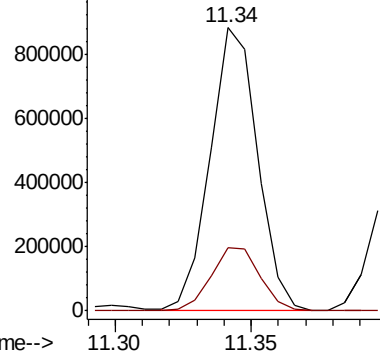
91 100

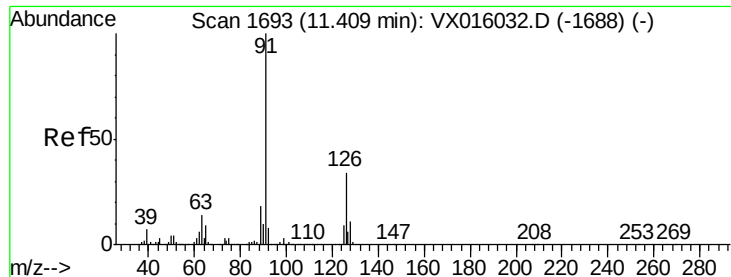
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

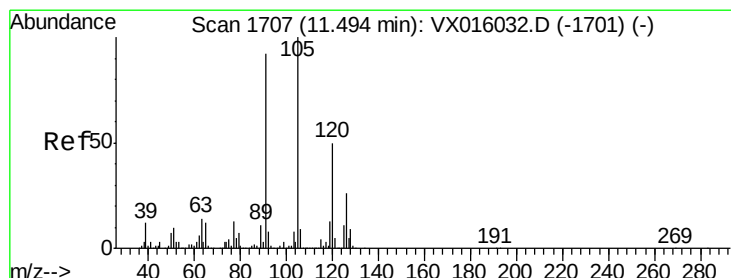
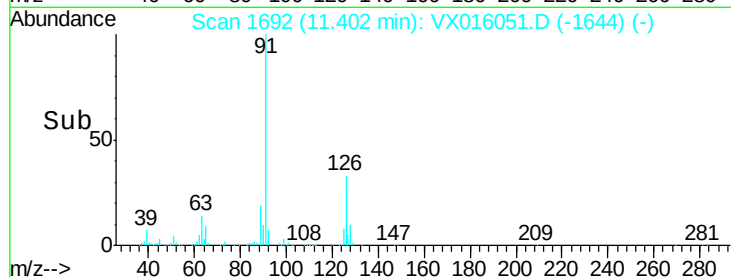
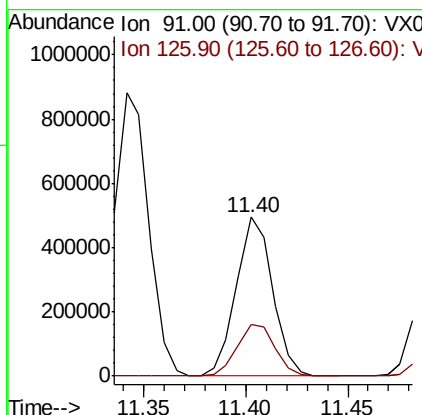
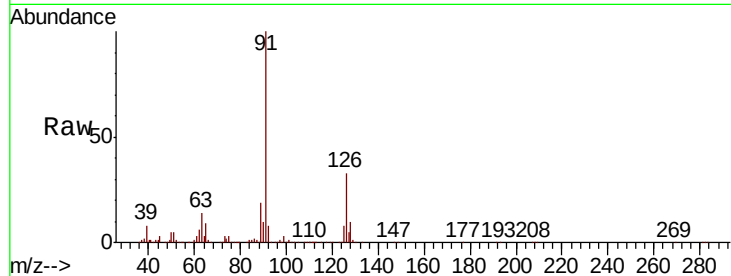




#79
 2-Chlorotoluene
 Concen: 48.647 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

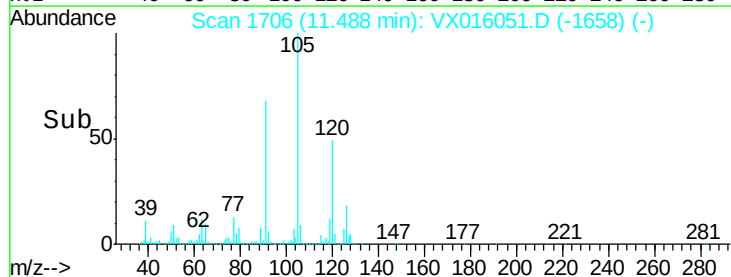
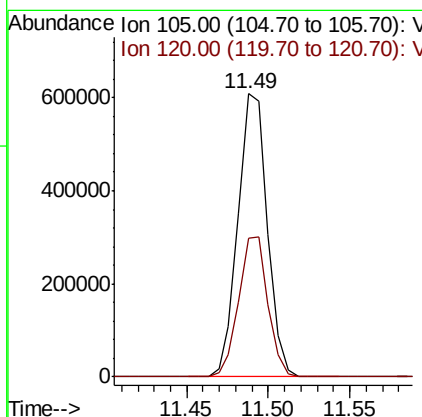
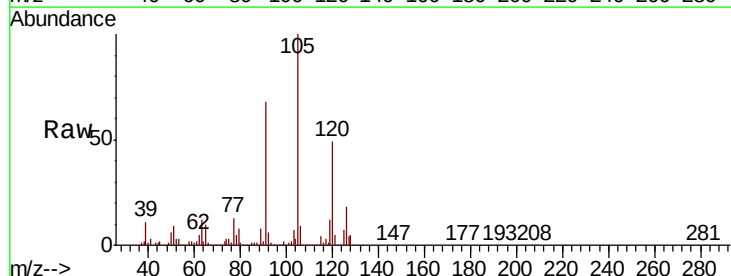
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

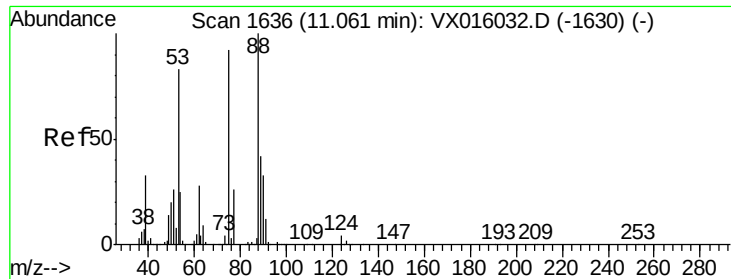
Tot Ion: 91 Resp: 610410
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 49.510 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Tgt Ion: 105 Resp: 763853
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.6 74.0

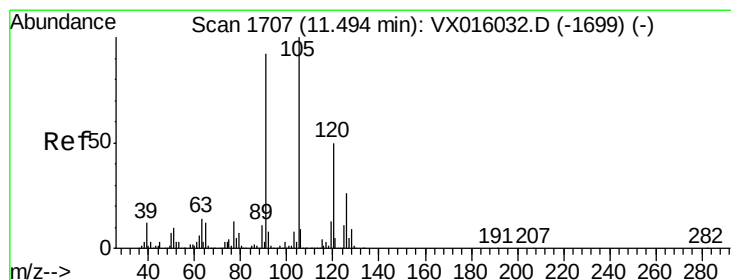
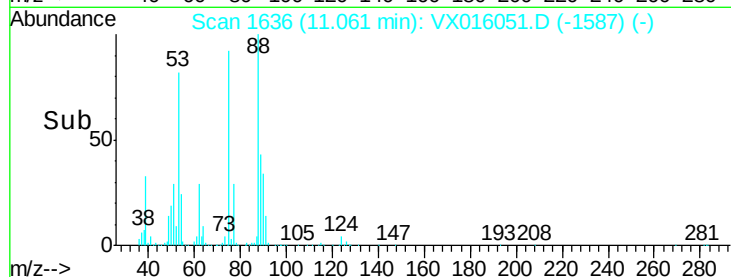
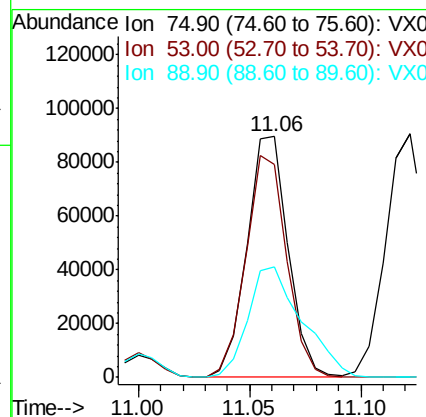
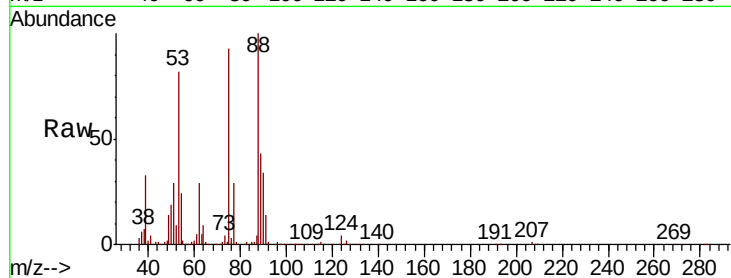




#81
trans-1,4-Dichloro-2-butene
Concen: 48.320 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

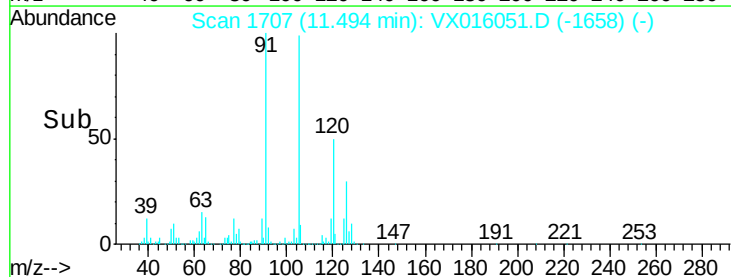
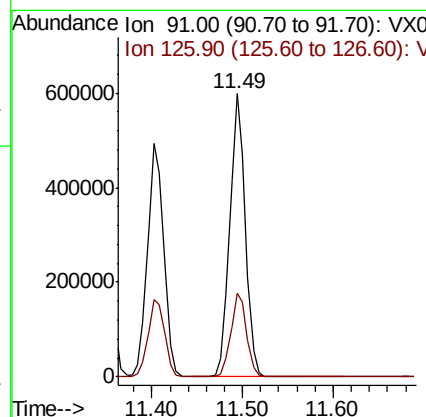
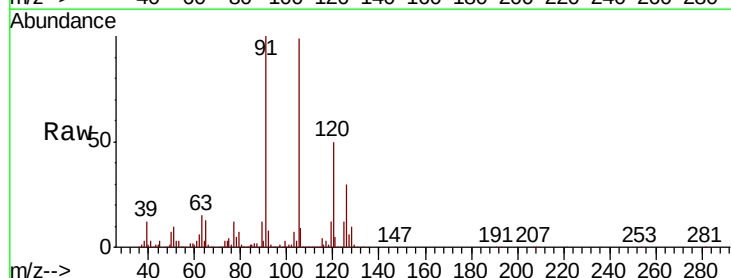
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

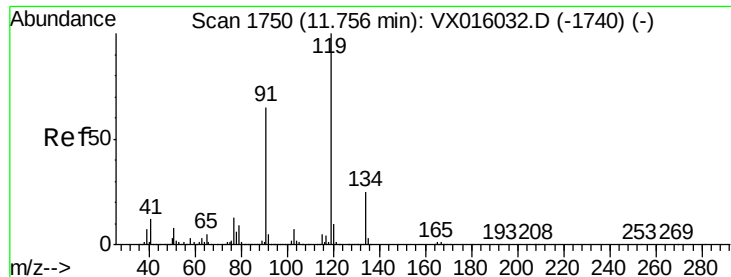
Tot Ion: 75 Resp: 115594
Ion Ratio Lower Upper
75 100
53 91.7 73.1 109.7
89 60.5 36.7 55.1#



#82
4-Chlorotoluene
Concen: 48.864 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion: 91 Resp: 724037
Ion Ratio Lower Upper
91 100
126 30.0 14.8 44.3





#83

tert-Butylbenzene

Concen: 49.410 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

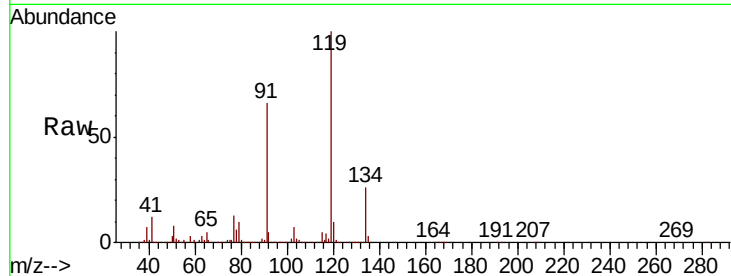
Tot Ion:119 Resp: 656953

Ion Ratio Lower Upper

119 100

91 64.7 32.8 98.4

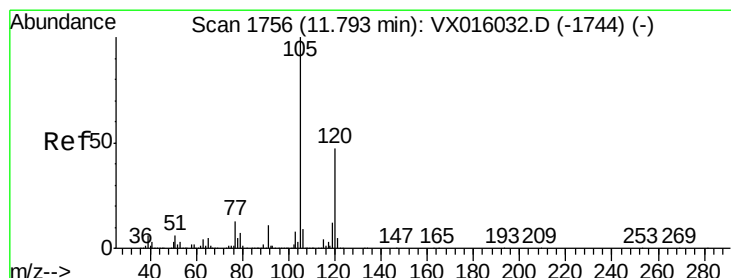
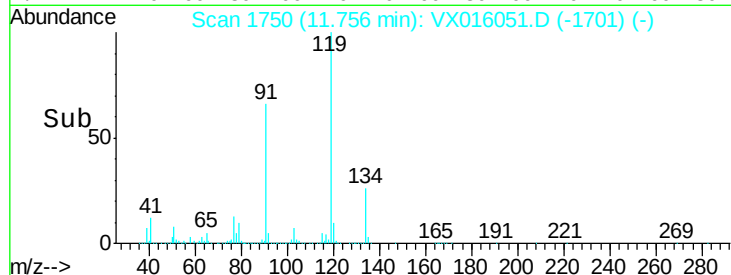
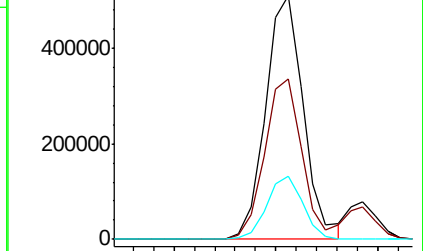
134 24.7 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.460 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016051.D

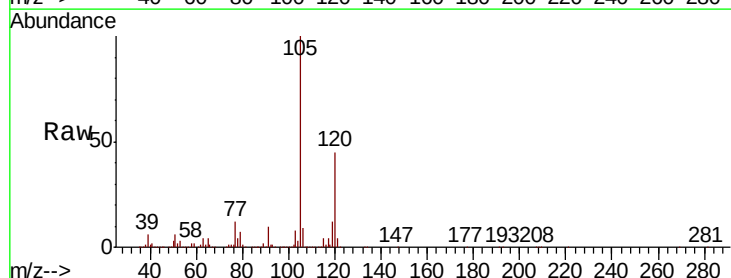
Acq: 05 May 2020 09:58

Tgt Ion:105 Resp: 771470

Ion Ratio Lower Upper

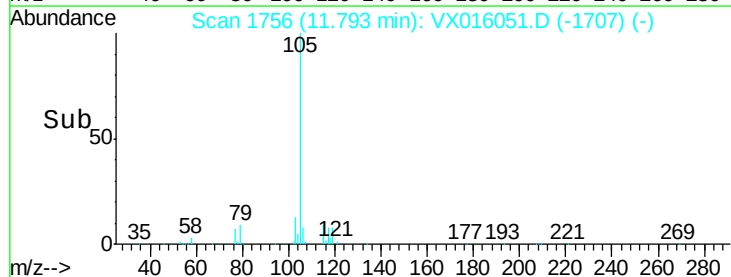
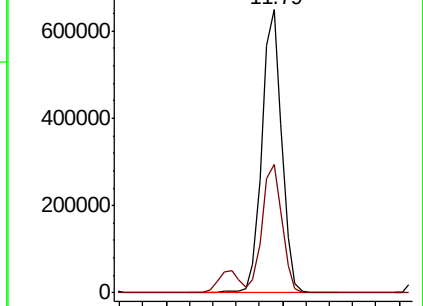
105 100

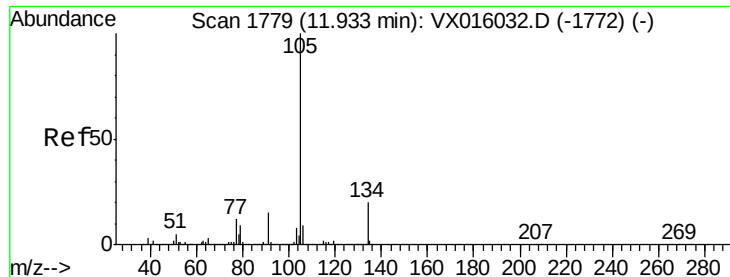
120 45.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.139 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

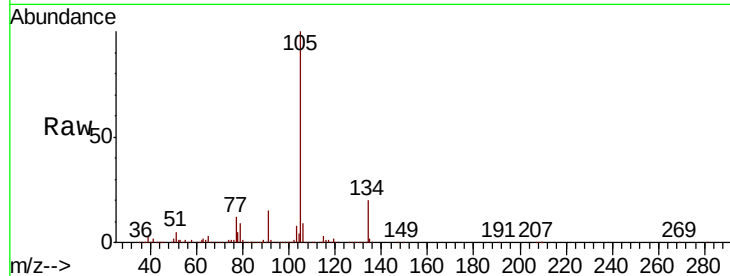
VSTDCCC050

Tot Ion:105 Resp: 900101

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

800000

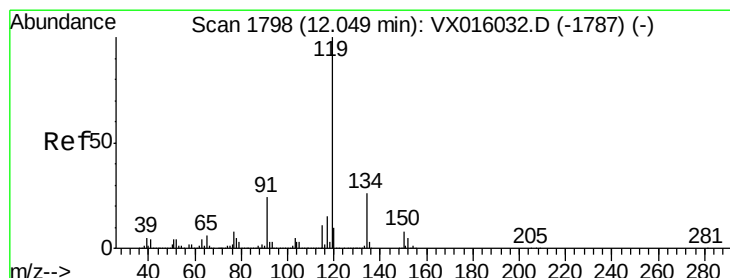
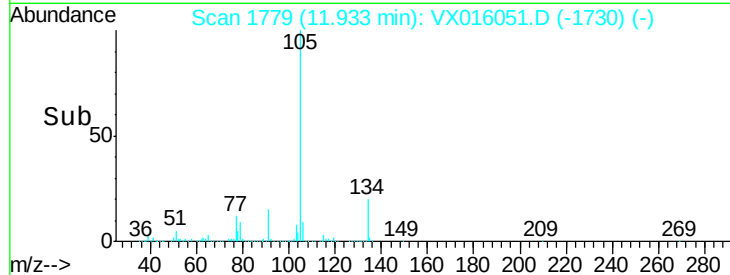
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 49.946 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

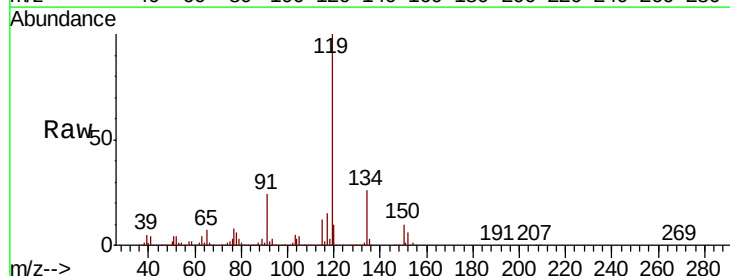
Tgt Ion:119 Resp: 832479

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.6 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

1000000

800000

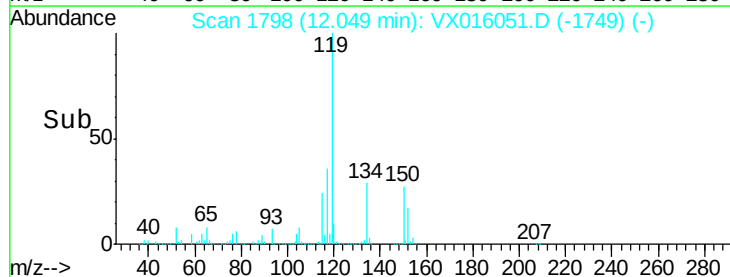
600000

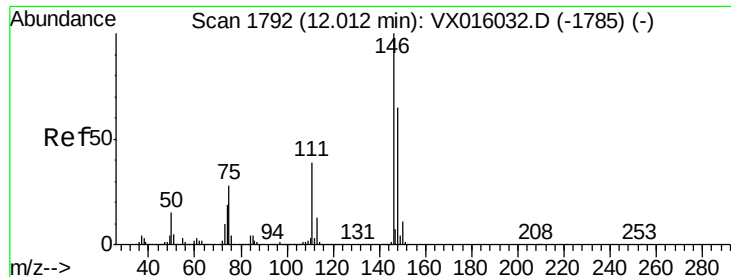
400000

200000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 47.885 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

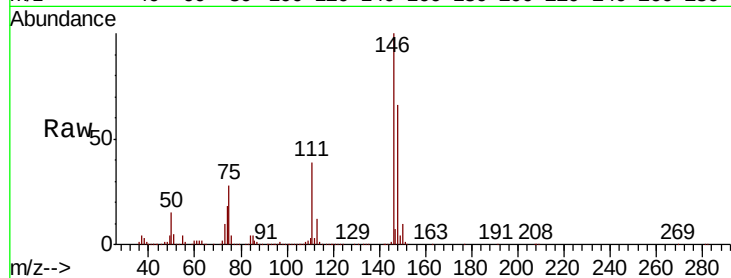
Tot Ion:146 Resp: 405525

Ion Ratio Lower Upper

146 100

111 40.0 20.2 60.6

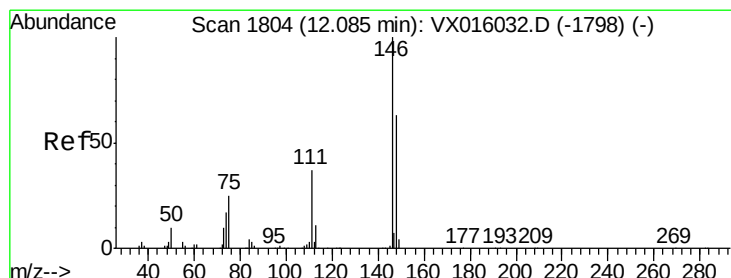
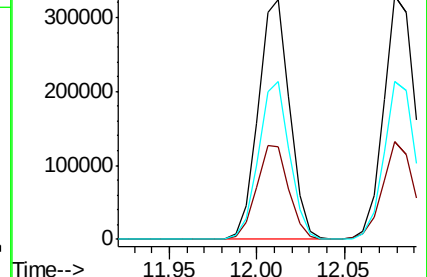
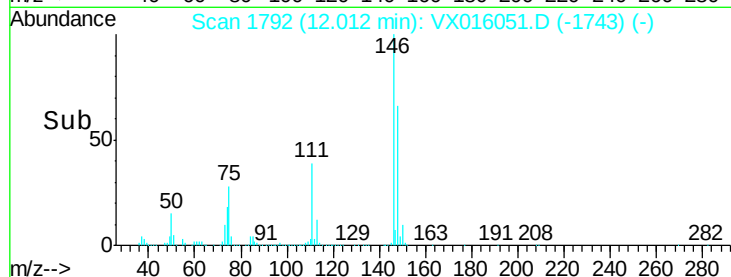
148 65.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.495 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

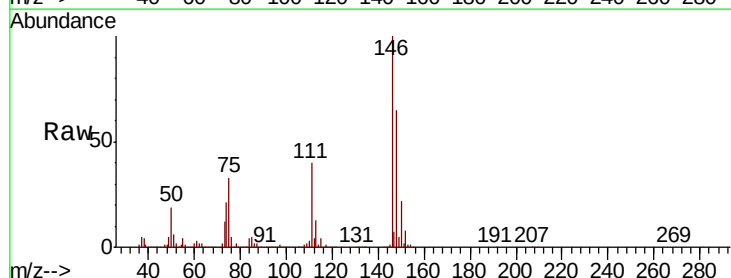
Tgt Ion:146 Resp: 408245

Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.7

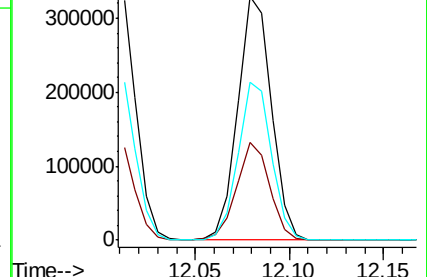
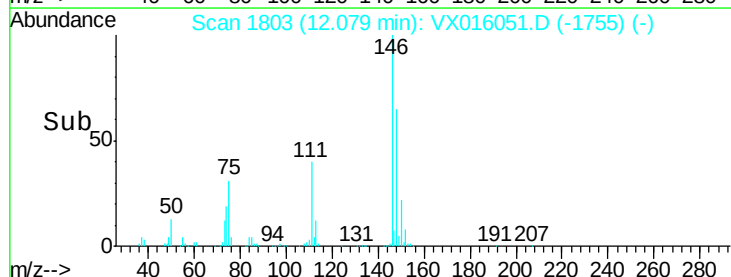
148 64.4 31.8 95.3

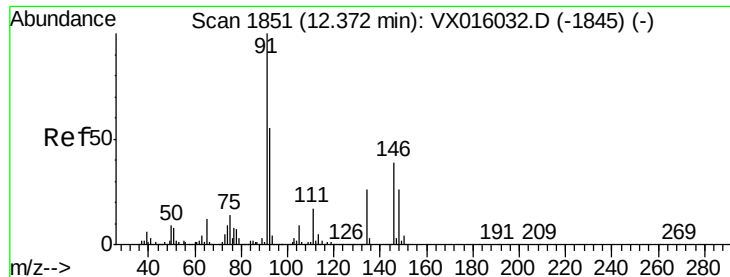


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.662 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

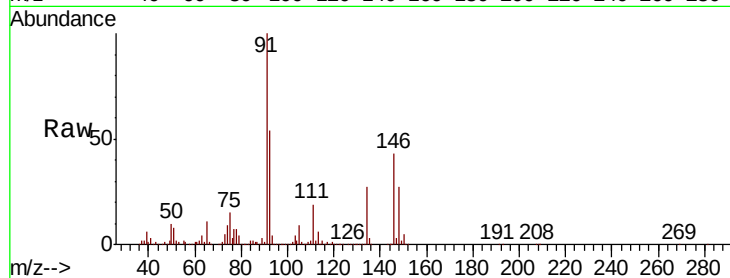
Tot Ion: 91 Resp: 771422

Ion Ratio Lower Upper

91 100

92 54.5 27.6 82.7

134 26.8 13.4 40.1

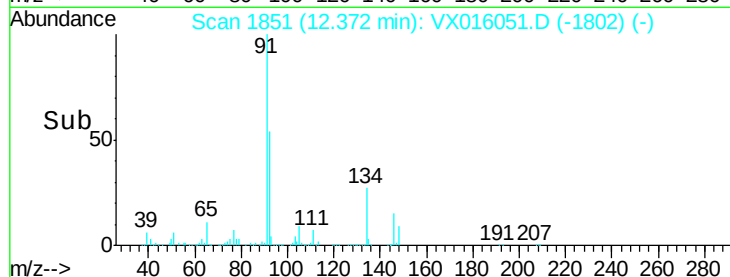


Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1845) (-)

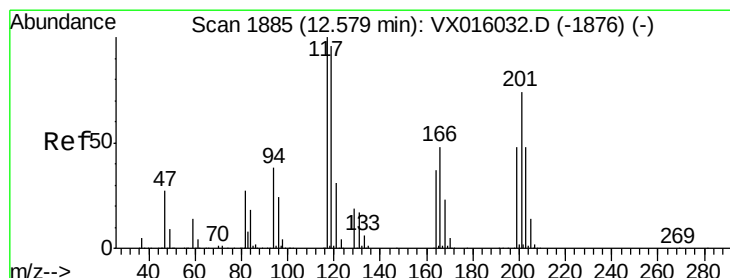
Ion 92.00 (91.70 to 92.70): VX016032.D (-1845) (-)

Ion 134.00 (133.70 to 134.70): VX016032.D (-1845) (-)

Time-->



Time-->



#90

Hexachloroethane

Concen: 50.832 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016051.D

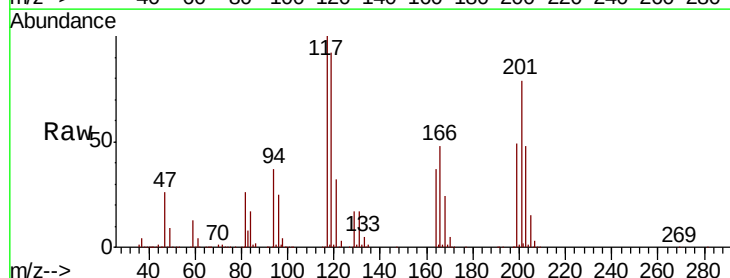
Acq: 05 May 2020 09:58

Tgt Ion: 117 Resp: 145506

Ion Ratio Lower Upper

117 100

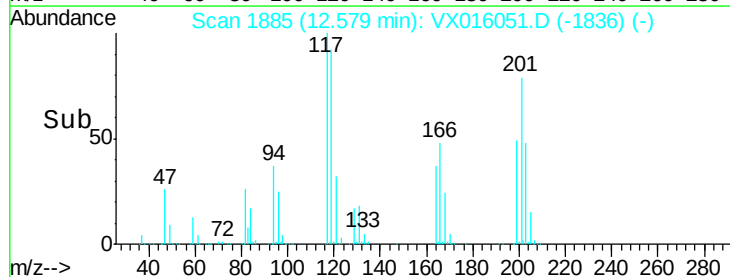
201 82.4 39.8 119.3



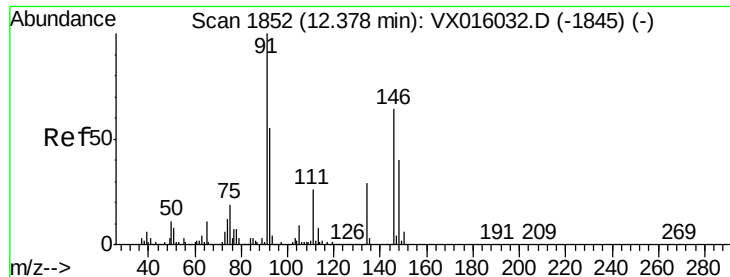
Abundance Ion 116.80 (116.50 to 117.50): VX016032.D (-1876) (-)

Ion 200.70 (200.40 to 201.40): VX016032.D (-1876) (-)

Time-->



Time-->



#91

1,2-Dichlorobenzene

Concen: 47.891 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

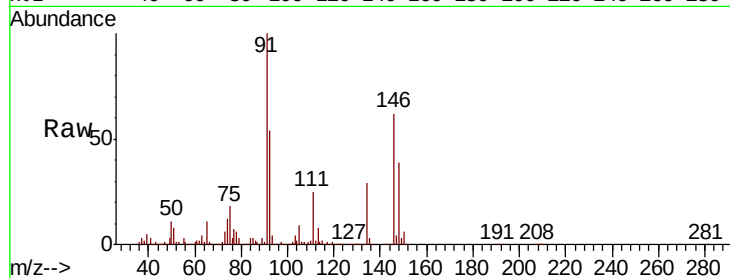
Tot Ion:146 Resp: 390530

Ion Ratio Lower Upper

146 100

111 42.0 21.1 63.1

148 63.2 32.4 97.0

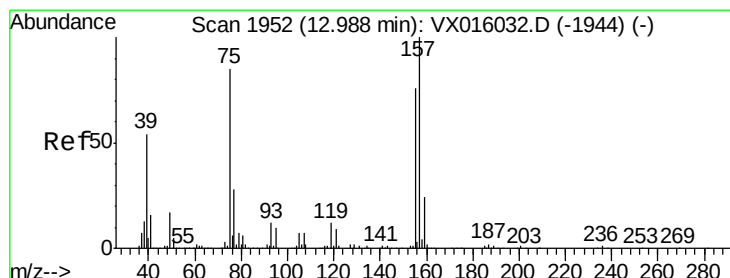
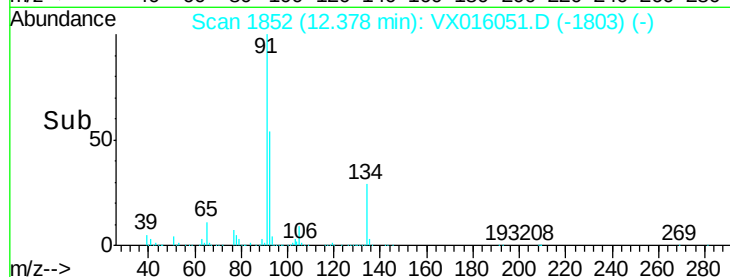
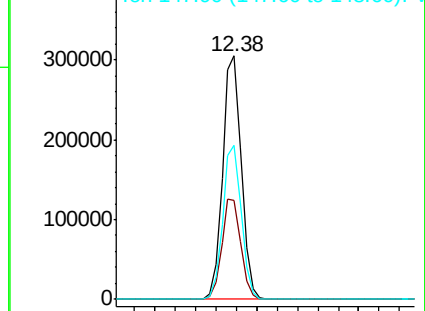


Abundance

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: 44.333 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

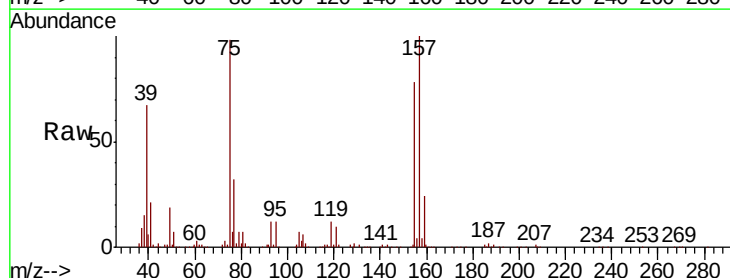
Tgt Ion: 75 Resp: 66612

Ion Ratio Lower Upper

75 100

155 85.6 42.5 127.5

157 110.4 55.3 165.8

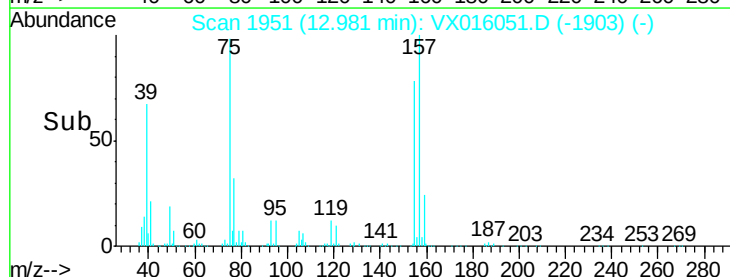
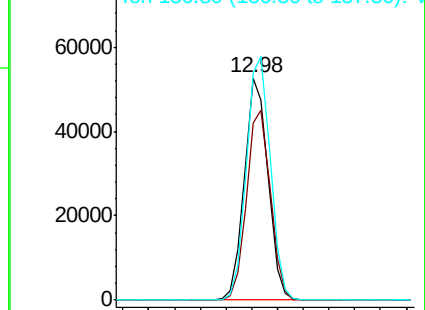


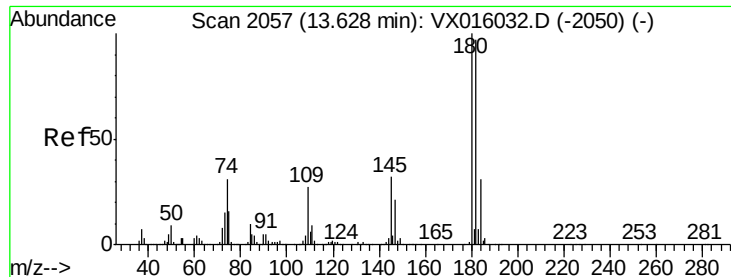
Abundance

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

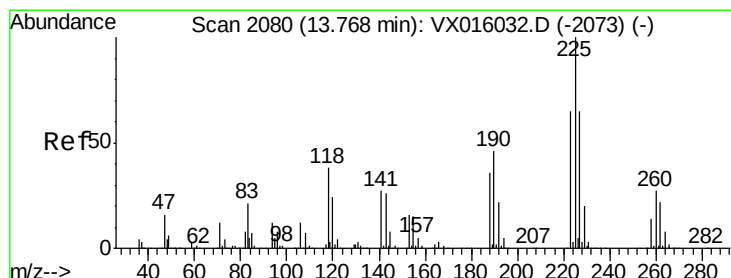
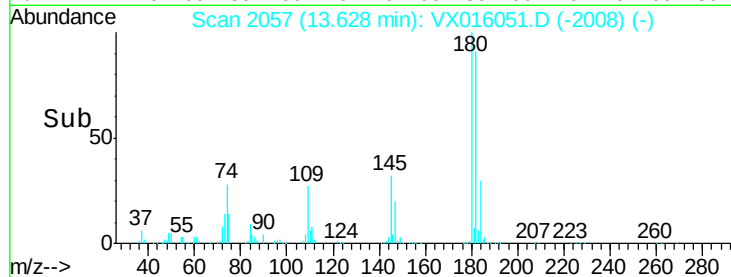
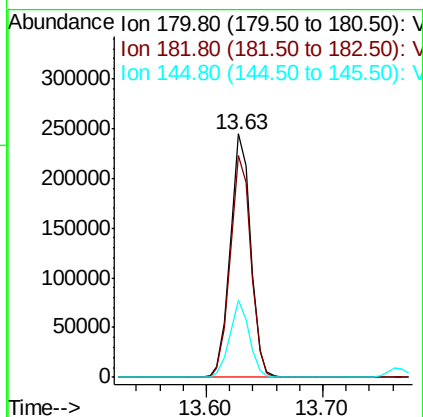
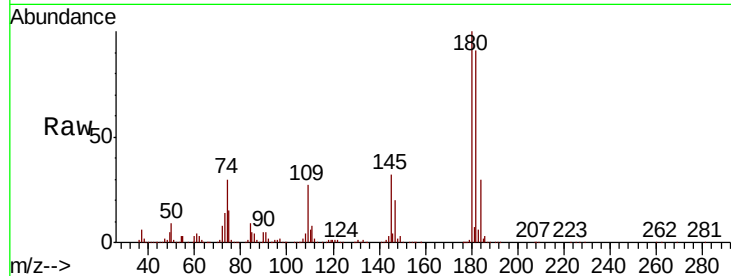




#93
 1,2,4-Trichlorobenzene
 Concen: 49.419 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

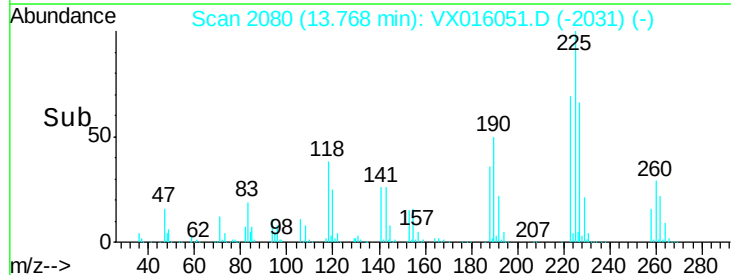
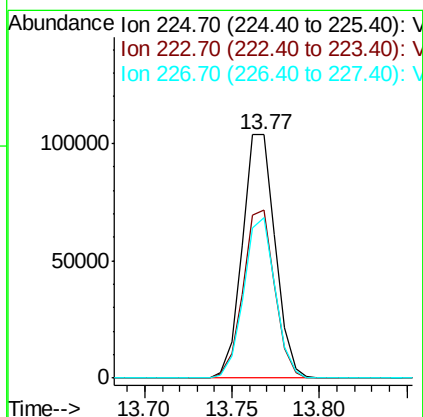
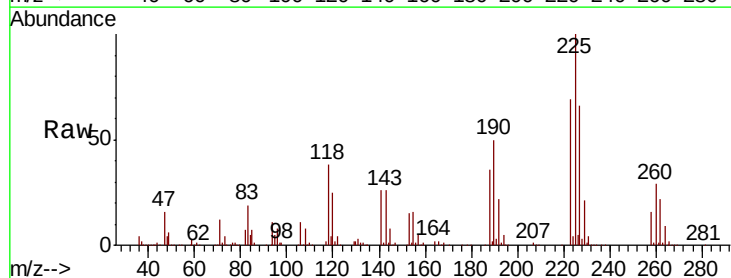
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

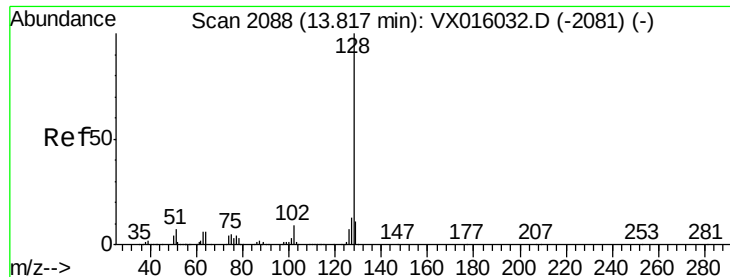
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.4	48.7	146.1
145	30.3	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 51.981 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.2	32.3	96.9
227	63.0	31.8	95.4





#95

Naphthalene

Concen: 47.398 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

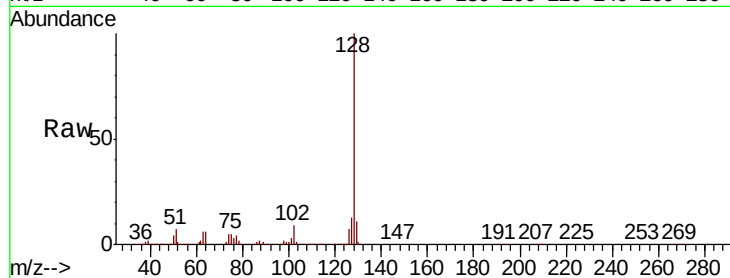
Tot Ion:128 Resp: 926571

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

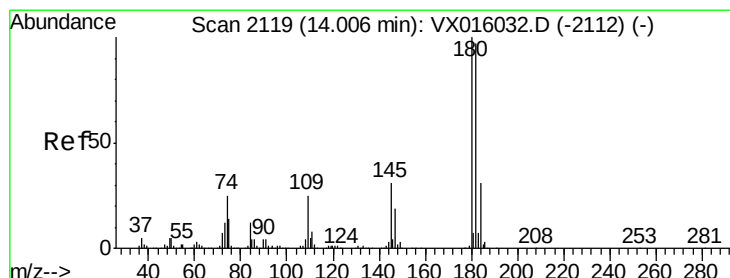
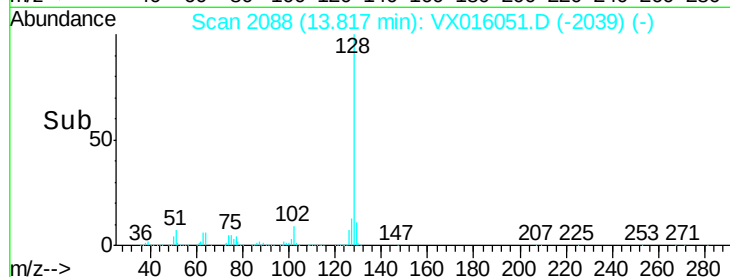
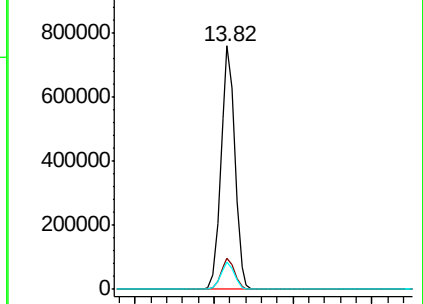
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.967 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

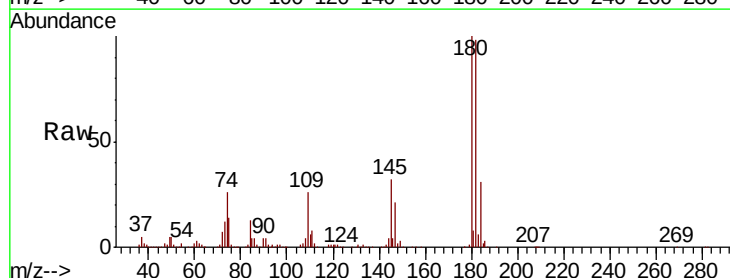
Tgt Ion:180 Resp: 283020

Ion Ratio Lower Upper

180 100

182 94.7 48.4 145.0

145 32.7 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

