

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016193.D
 Acq On : 13 May 2020 20:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 14 04:40:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	267291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	429365	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	396331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211195	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	157233	44.70	ug/l	0.00
Spiked Amount			Recovery	=	89.40%	
35) Dibromofluoromethane	5.47	113	125934	46.30	ug/l	0.00
Spiked Amount			Recovery	=	92.60%	
50) Toluene-d8	8.70	98	493152	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
62) 4-Bromofluorobenzene	11.12	95	194363	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	139489	49.303	ug/l	100
3) Chloromethane	1.31	50	146798	44.679	ug/l	98
4) Vinyl Chloride	1.39	62	163450	46.628	ug/l	100
5) Bromomethane	1.62	94	73728	41.719	ug/l	96
6) Chloroethane	1.70	64	99045	46.437	ug/l	98
7) Trichlorofluoromethane	1.91	101	215261	46.774	ug/l	100
8) Diethyl Ether	2.17	74	89767	46.294	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	123842	46.642	ug/l	98
10) Methyl Iodide	2.49	142	133700	37.488	ug/l	98
11) Tert butyl alcohol	3.02	59	201635	226.702	ug/l	100
12) 1,1-Dichloroethene	2.36	96	126747	45.617	ug/l	98
13) Acrolein	2.27	56	126862	227.934	ug/l	99
14) Allyl chloride	2.70	41	231056	45.354	ug/l	96
15) Acrylonitrile	3.12	53	432410	234.353	ug/l	99
16) Acetone	2.42	43	341648	217.697	ug/l	96
17) Carbon Disulfide	2.55	76	367844	44.060	ug/l	99
18) Methyl Acetate	2.75	43	188024	48.727	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	474816	49.572	ug/l	99
20) Methylene Chloride	2.83	84	146891	45.403	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	142694	46.085	ug/l	98
22) Diisopropyl ether	3.82	45	457172	47.567	ug/l	95
23) Vinyl Acetate	3.79	43	2020942	239.002	ug/l	99
24) 1,1-Dichloroethane	3.67	63	260358	48.425	ug/l	99
25) 2-Butanone	4.64	43	599383	237.013	ug/l	100
26) 2,2-Dichloropropane	4.55	77	204779	41.706	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	163016	48.158	ug/l	98
28) Bromochloromethane	4.98	49	121948	49.742	ug/l	97
29) Tetrahydrofuran	5.09	42	388924	232.103	ug/l	98
30) Chloroform	5.18	83	261696	48.886	ug/l	100
31) Cyclohexane	5.55	56	227878	46.637	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	238648	49.045	ug/l	99
36) 1,1-Dichloropropene	5.77	75	197558	46.743	ug/l	100
37) Ethyl Acetate	4.79	43	225294	45.991	ug/l	99
38) Carbon Tetrachloride	5.76	117	209818	48.841	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	223340	43.879	ug/l	99
40) Benzene	6.11	78	600486	48.557	ug/l	97
41) Methacrylonitrile	5.01	41	121638	45.979	ug/l	98
42) 1,2-Dichloroethane	6.17	62	207606	46.603	ug/l	99
43) Isopropyl Acetate	6.41	43	367500	47.019	ug/l	99
44) Trichloroethene	7.19	130	198377	45.154	ug/l	99
45) 1,2-Dichloropropane	7.49	63	157660	50.384	ug/l	98
46) Dibromomethane	7.64	93	103226	48.543	ug/l	100
47) Bromodichloromethane	7.88	83	215635	49.790	ug/l	99
48) Methyl methacrylate	7.74	41	174044	46.994	ug/l	96
49) 1,4-Dioxane	7.71	88	83085	935.392	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1153918	241.259	ug/l	98
52) Toluene	8.77	92	381062	49.436	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	247223	47.877	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	262250	48.622	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	153535	50.626	ug/l	99
56) Ethyl methacrylate	9.16	69	251859	50.877	ug/l	95
57) 1,3-Dichloropropane	9.35	76	264451	49.974	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	652671	247.652	ug/l	100
59) 2-Hexanone	9.48	43	901606	240.036	ug/l	98
60) Dibromochloromethane	9.57	129	176453	52.829	ug/l	99
61) 1,2-Dibromoethane	9.65	107	163970	49.915	ug/l	99
64) Tetrachloroethene	9.32	164	223792	45.996	ug/l	95
65) Chlorobenzene	10.12	112	407826	49.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	157035	51.197	ug/l	99
67) Ethyl Benzene	10.24	91	731891	49.429	ug/l	99
68) m/p-Xylenes	10.34	106	552505	99.593	ug/l	99
69) o-Xylene	10.68	106	267257	50.118	ug/l	100
70) Styrene	10.70	104	467002	51.621	ug/l	100
71) Bromoform	10.84	173	132455	53.003	ug/l #	98
73) Isopropylbenzene	11.00	105	720902	46.930	ug/l	99
74) N-amyl acetate	10.88	43	322658	45.032	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	166607	54.583	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	296381	61.843	ug/l	84
77) Bromobenzene	11.24	156	183248	46.217	ug/l	99
78) n-propylbenzene	11.34	91	822999	46.054	ug/l	99
79) 2-Chlorotoluene	11.40	91	495124	46.939	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	605102	46.655	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	90337	44.920	ug/l	96
82) 4-Chlorotoluene	11.49	91	582607	46.772	ug/l	100
83) tert-Butylbenzene	11.76	119	525452	47.010	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	619035	47.210	ug/l	99
85) sec-Butylbenzene	11.93	105	680796	45.111	ug/l	100
86) p-Isopropyltoluene	12.05	119	640650	45.723	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	332644	46.725	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	333801	46.196	ug/l	100
89) n-Butylbenzene	12.37	91	549039	42.892	ug/l	99
90) Hexachloroethane	12.58	117	112806	46.878	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	320001	46.681	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56056	44.380	ug/l	96

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

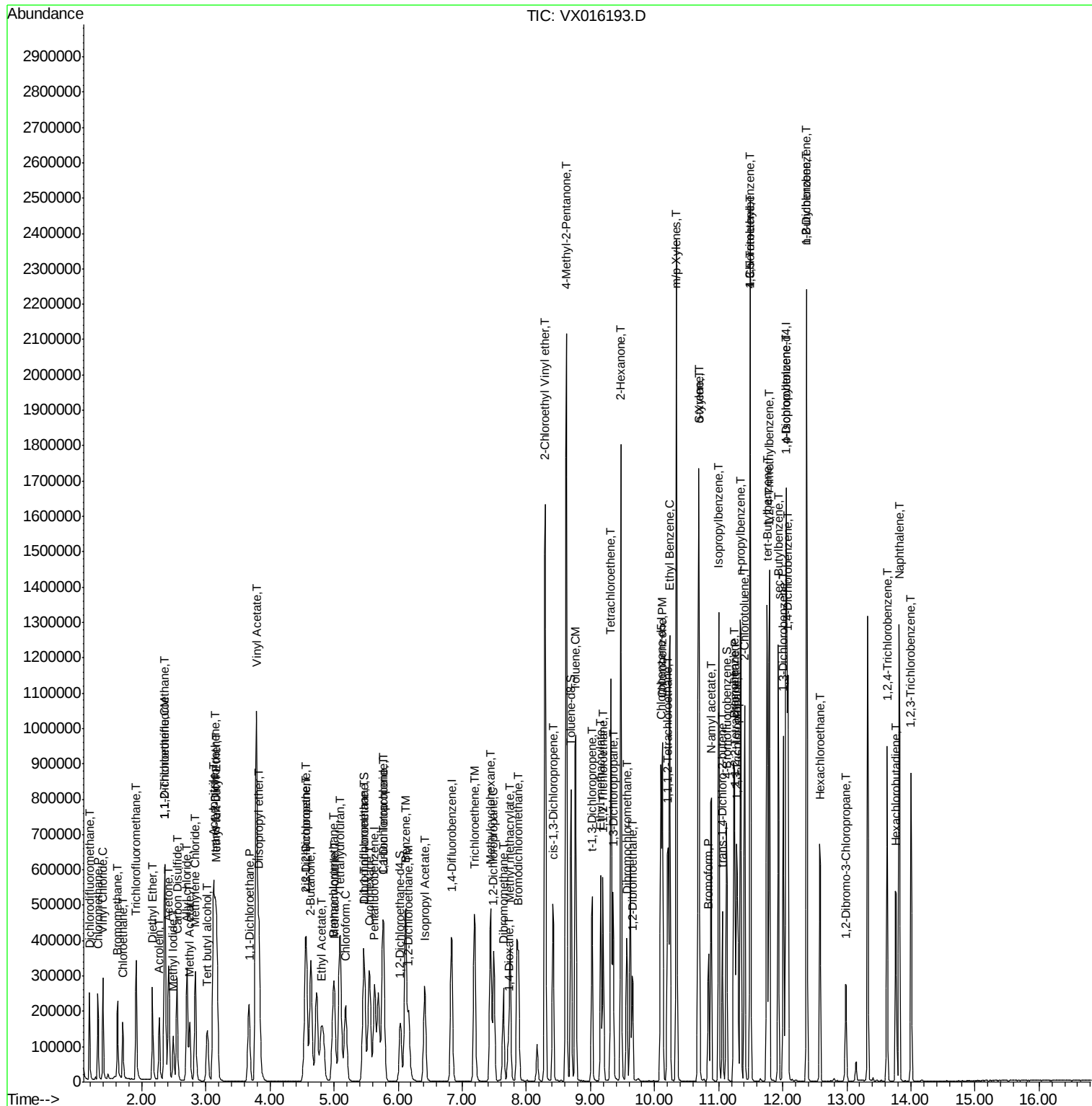
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	227473	44.820	ug/l	98
94) Hexachlorobutadiene	13.77	225	82676	37.958	ug/l	98
95) Naphthalene	13.82	128	770518	46.887	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	228335	46.034	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

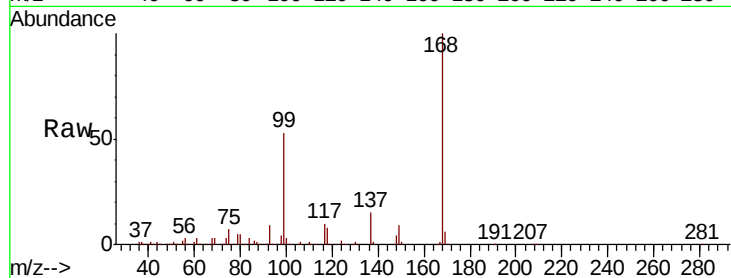
VSTDCCC050EC

Tot Ion:168 Resp: 267291

Ion Ratio Lower Upper

168 100

99 53.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

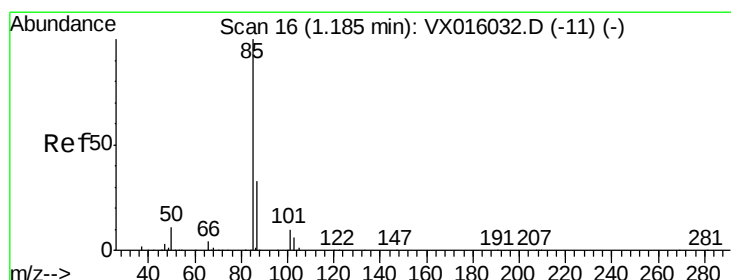
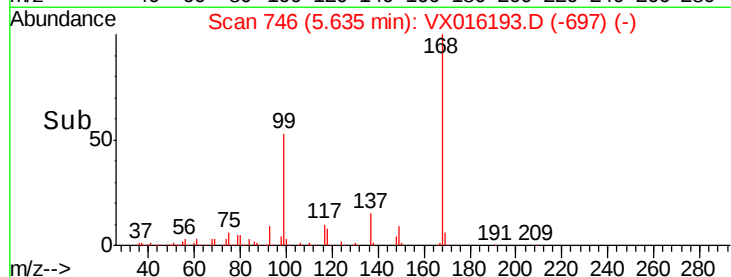
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.303 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016193.D

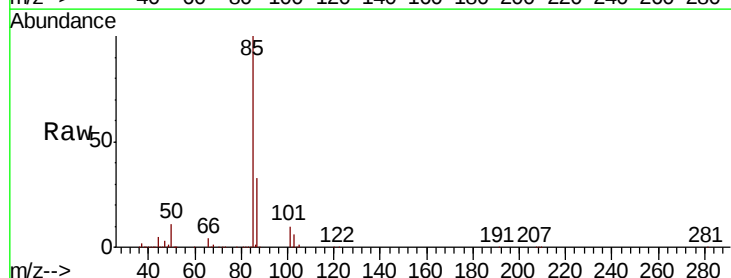
Acq: 13 May 2020 20:22

Tgt Ion: 85 Resp: 139489

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

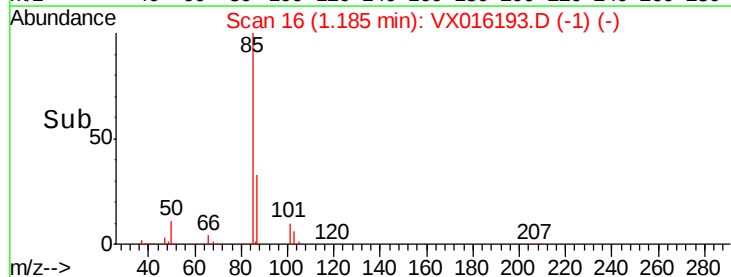
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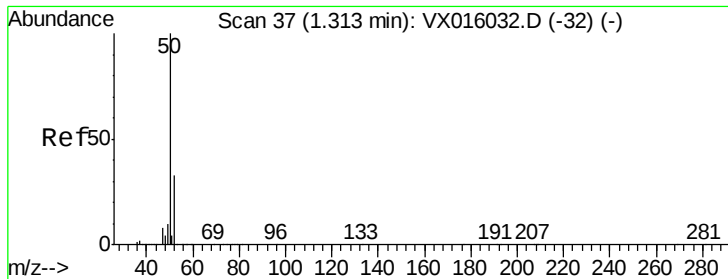
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.679 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

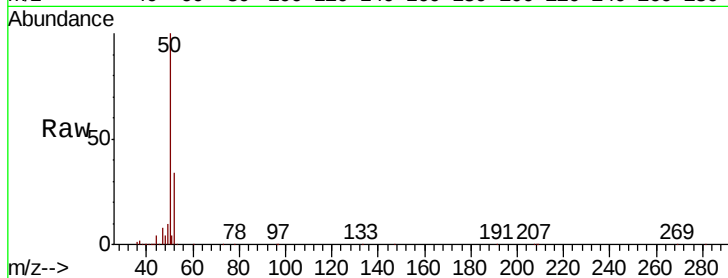
VSTDCCC050EC

Tot Ion: 50 Resp: 146798

Ion Ratio Lower Upper

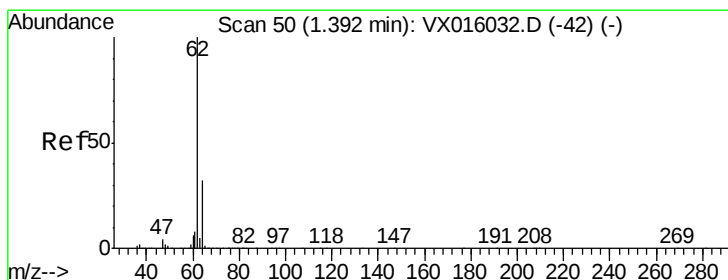
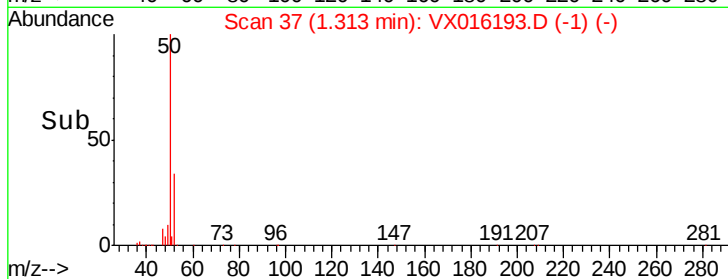
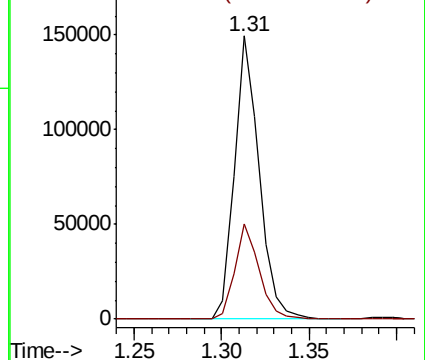
50 100

52 33.5 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.628 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016193.D

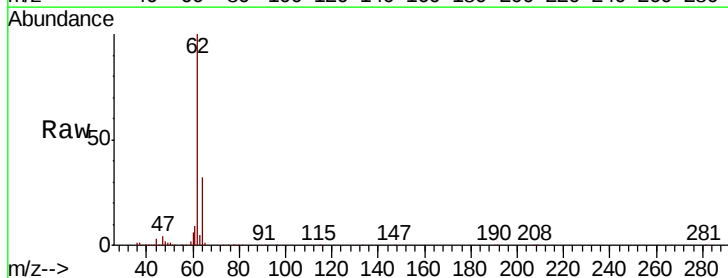
Acq: 13 May 2020 20:22

Tgt Ion: 62 Resp: 163450

Ion Ratio Lower Upper

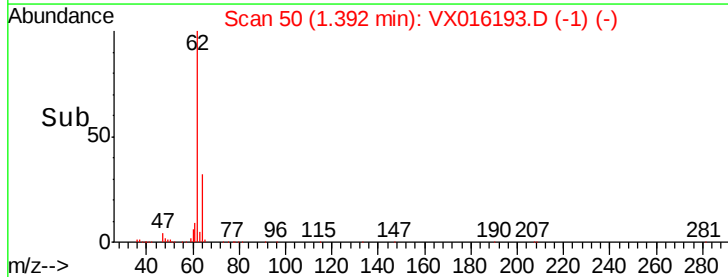
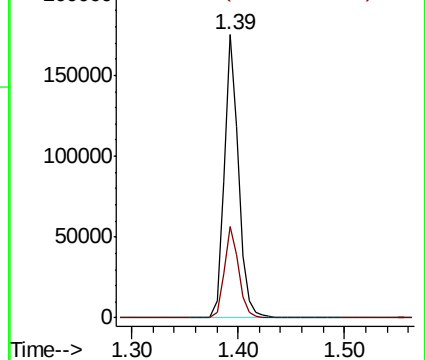
62 100

64 32.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.719 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

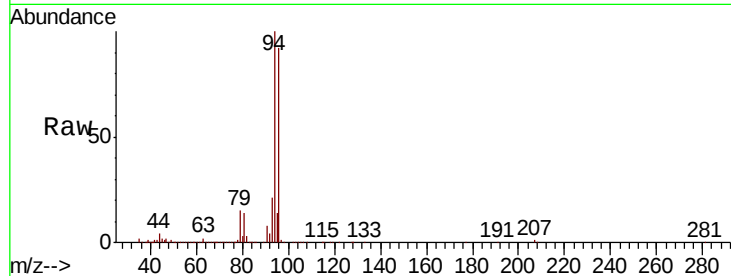
VSTDCCC050EC

Tot Ion: 94 Resp: 73728

Ion Ratio Lower Upper

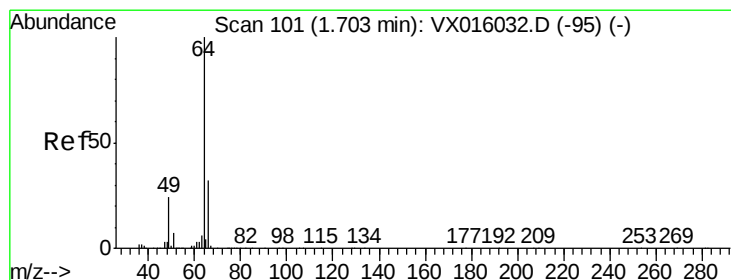
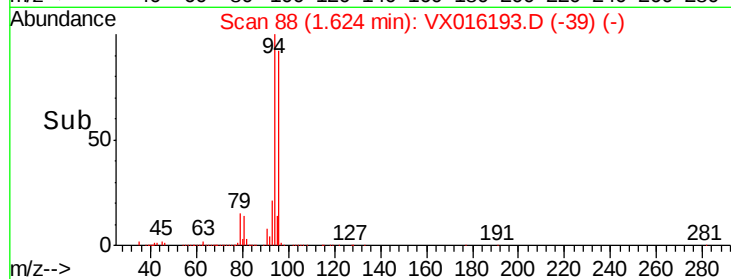
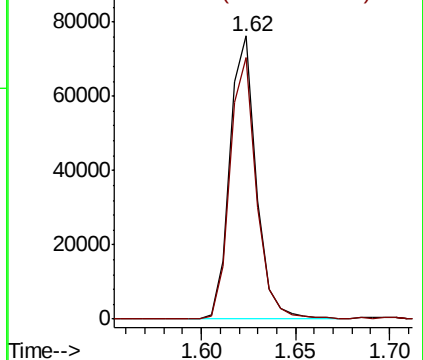
94 100

96 92.3 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.437 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX016193.D

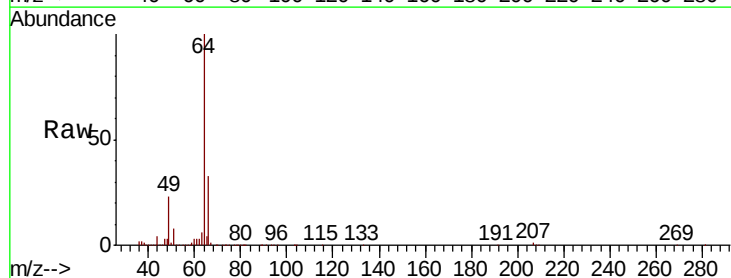
Acq: 13 May 2020 20:22

Tgt Ion: 64 Resp: 99045

Ion Ratio Lower Upper

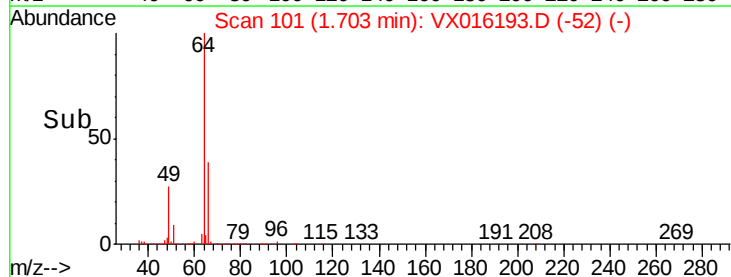
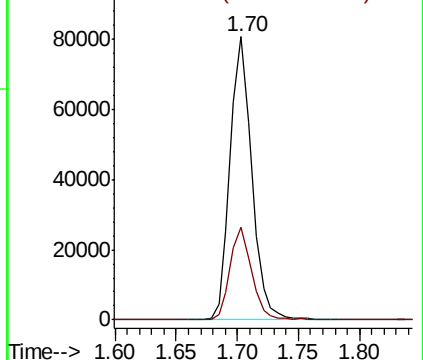
64 100

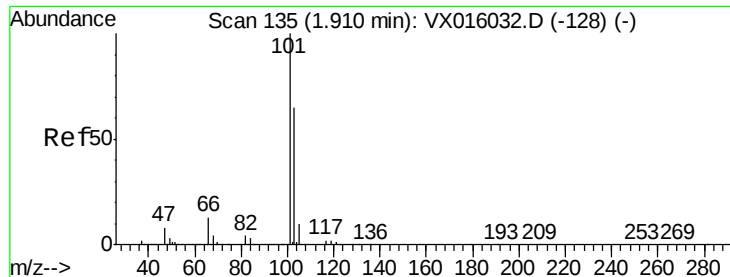
66 32.5 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



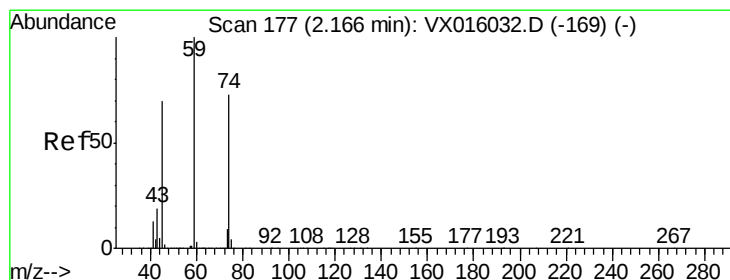
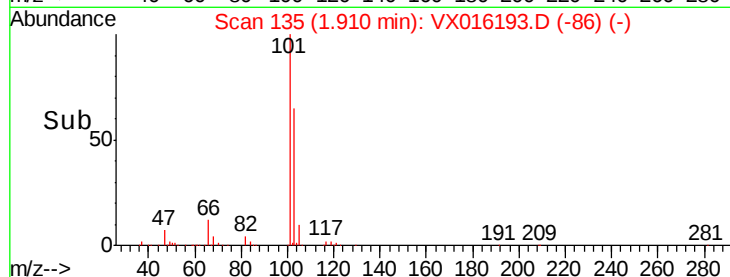
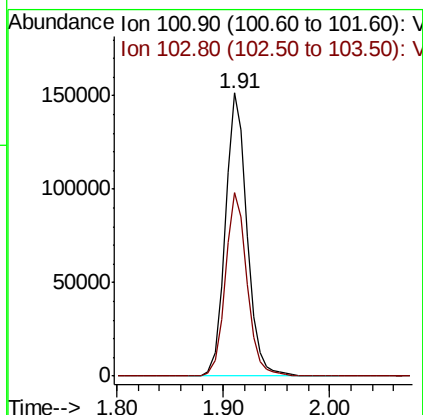
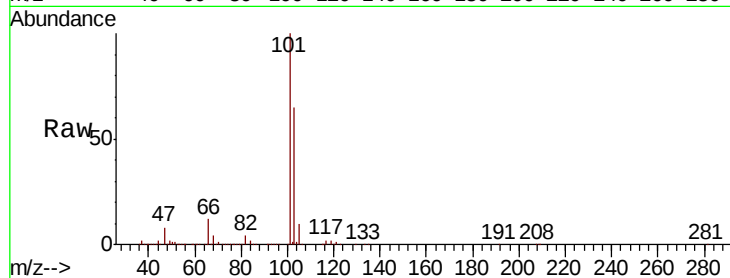


#7

Trichlorofluoromethane
Concen: 46.774 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
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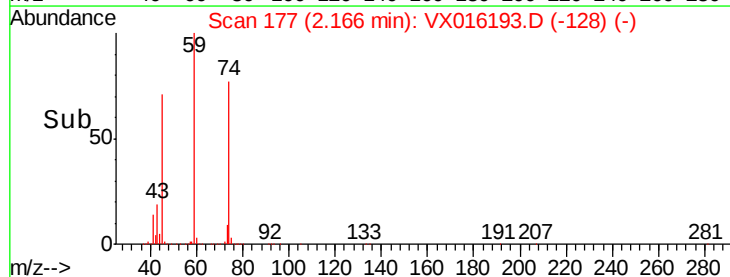
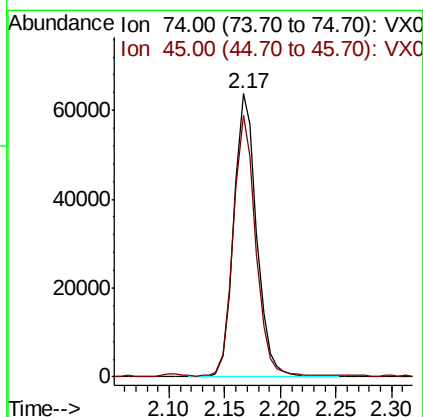
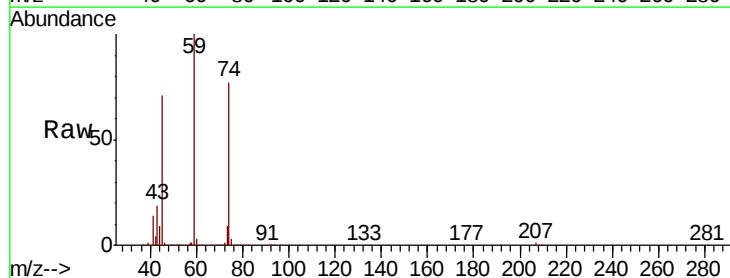
Tot Ion:101 Resp: 215261
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.6

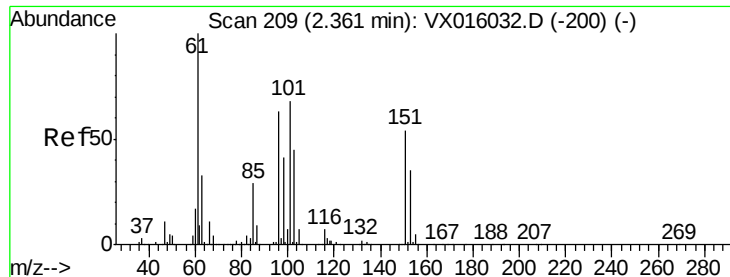


#8

Diethyl Ether
Concen: 46.294 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion: 74 Resp: 89767
Ion Ratio Lower Upper
74 100
45 91.2 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.642 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

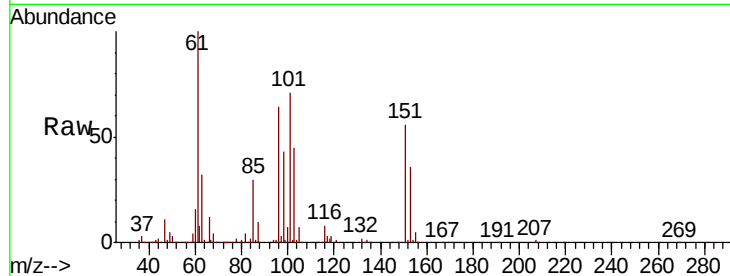
Tot Ion:101 Resp: 123842

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.4

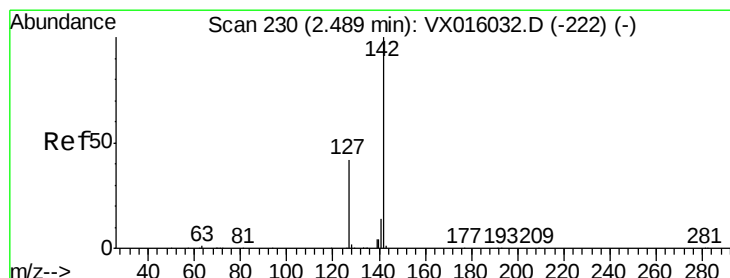
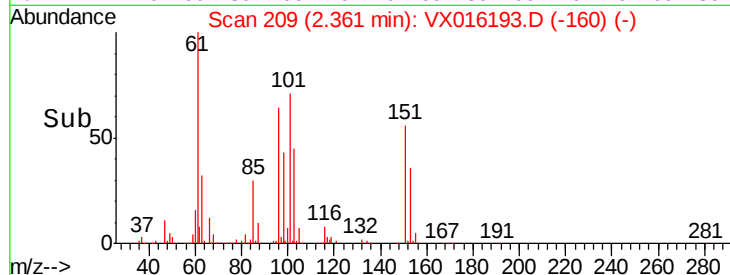
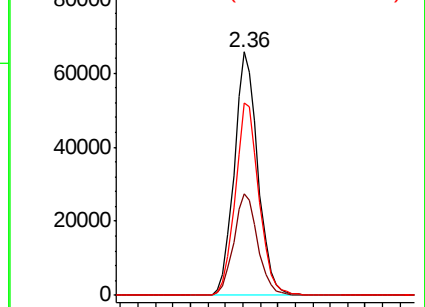
151 79.4 62.1 93.1



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: 37.488 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

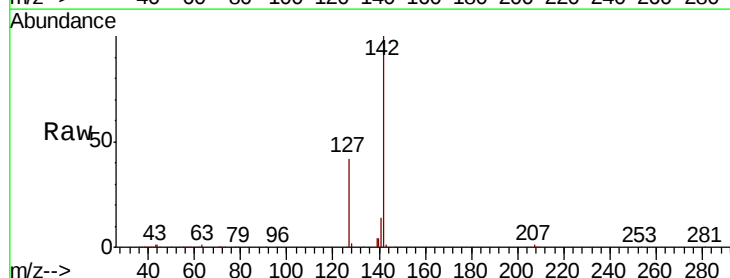
Tgt Ion:142 Resp: 133700

Ion Ratio Lower Upper

142 100

127 41.8 34.6 52.0

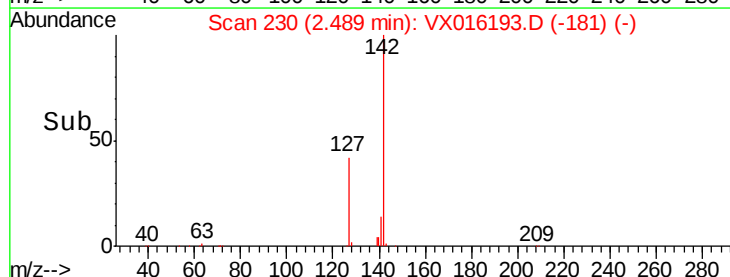
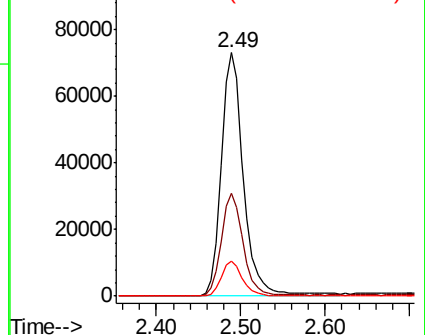
141 13.7 11.3 16.9

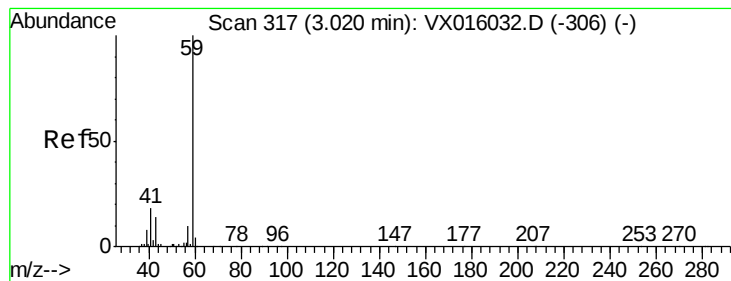


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



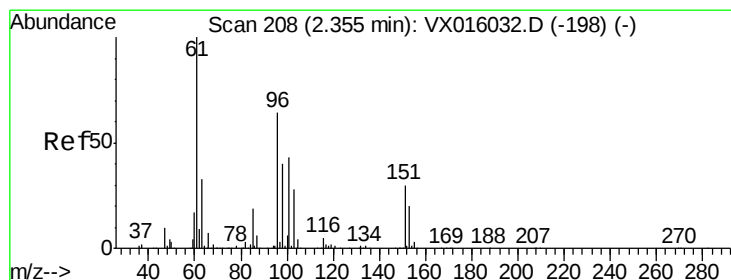
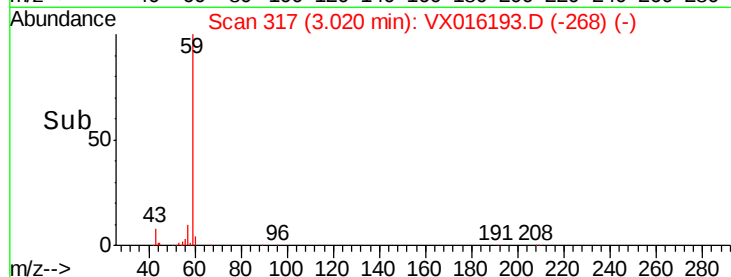
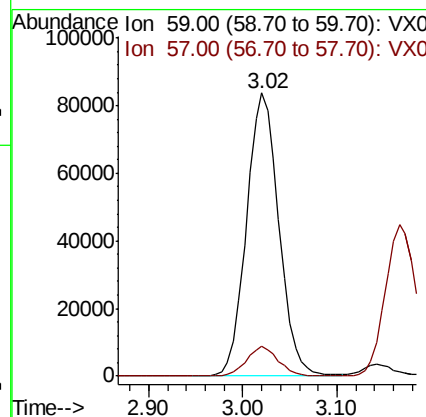
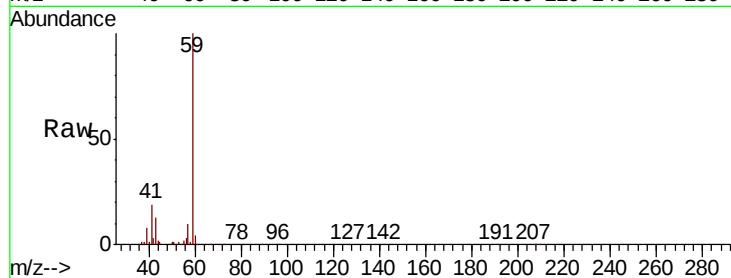


#11

Tert butyl alcohol
 Concen: 226.702 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

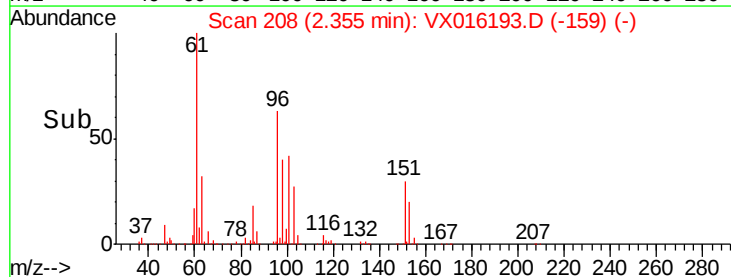
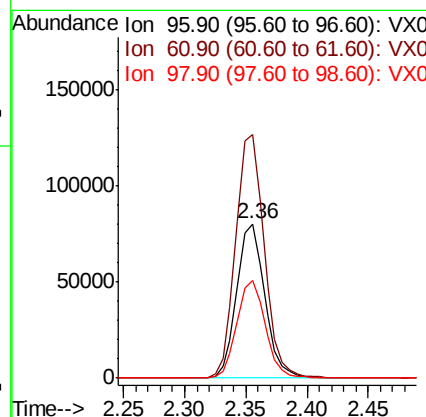
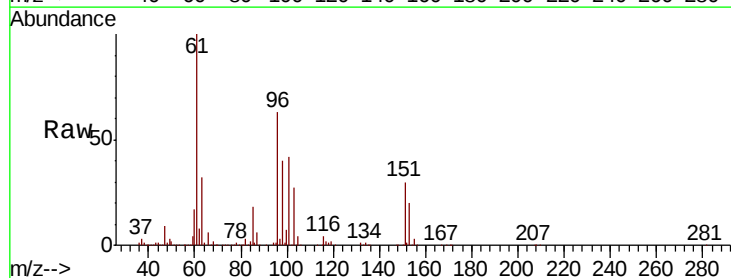
Tot Ion: 59 Resp: 201635
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 45.617 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Tgt Ion: 96 Resp: 126747
 Ion Ratio Lower Upper
 96 100
 61 158.3 124.8 187.2
 98 63.9 49.7 74.5

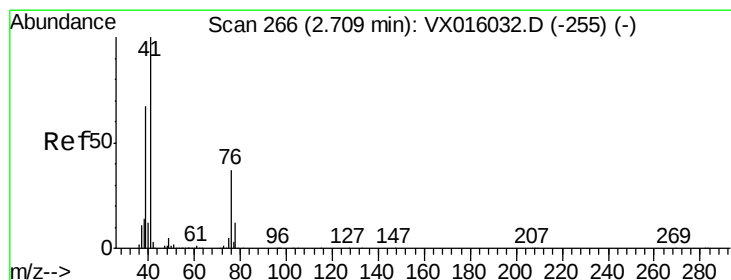
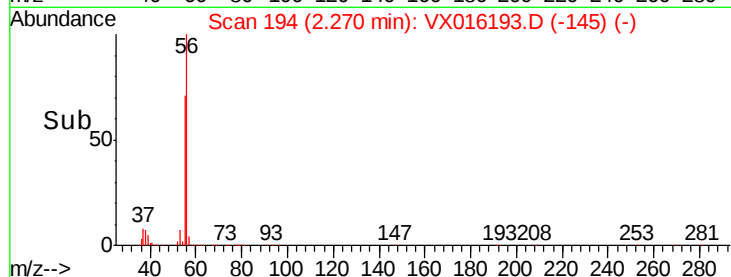
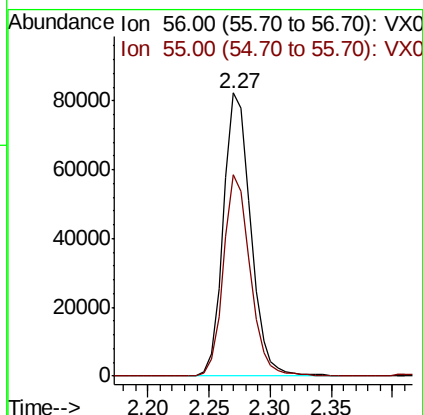
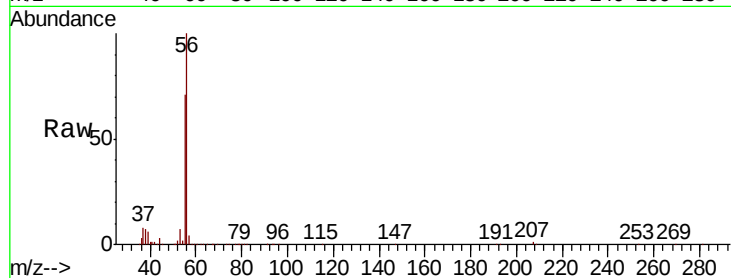




#13
Acrolein
Concen: 227.934 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

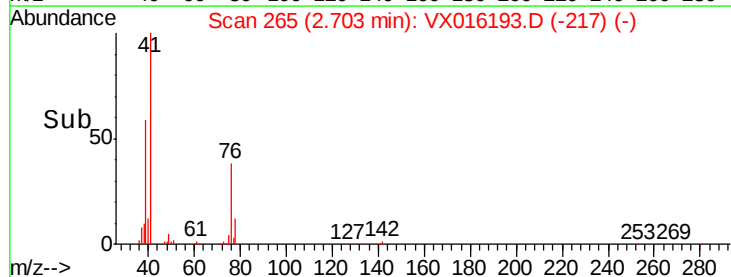
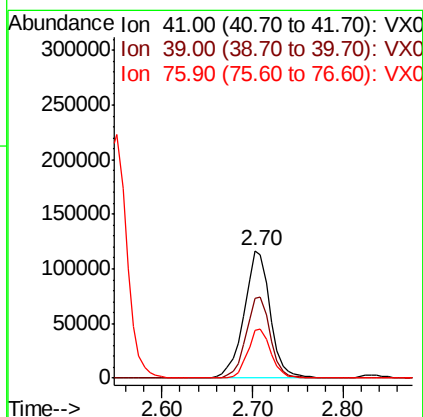
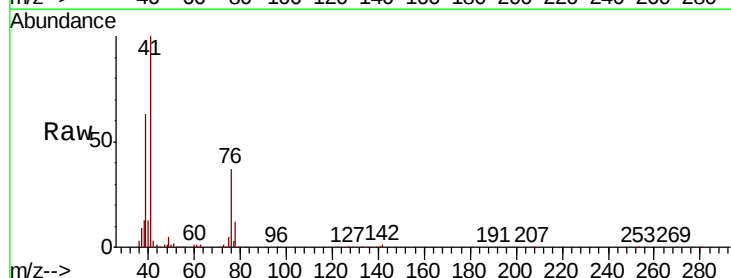
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 126862
Ion Ratio Lower Upper
56 100
55 69.4 56.5 84.7



#14
Allyl chloride
Concen: 45.354 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion: 41 Resp: 231056
Ion Ratio Lower Upper
41 100
39 59.5 50.5 75.7
76 34.4 26.6 40.0





#15

Acrylonitrile

Concen: 234.353 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

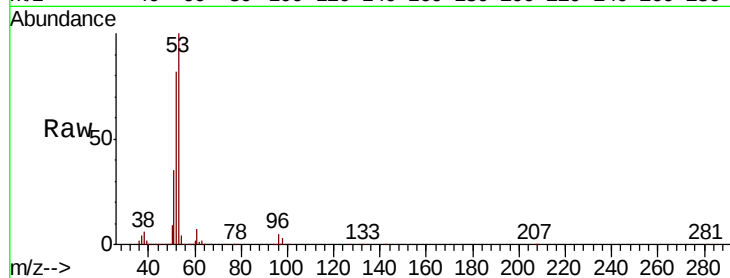
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 432410

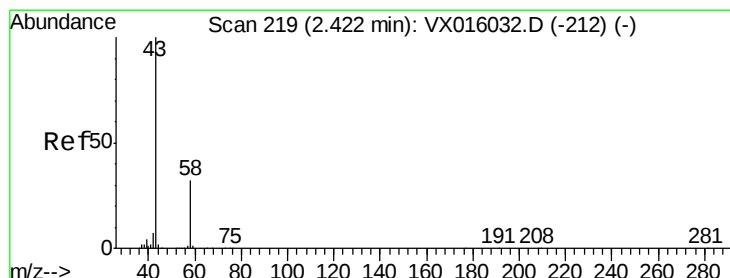
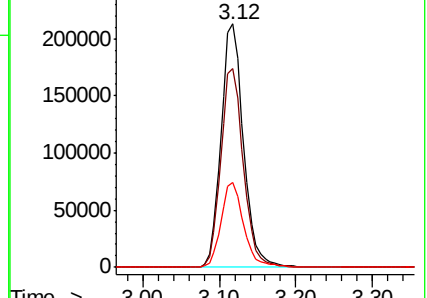
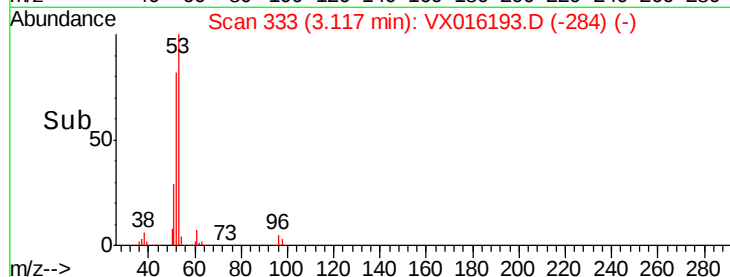
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.1	99.1
51	35.1	28.8	43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 217.697 ug/l

RT: 2.42 min Scan# 218

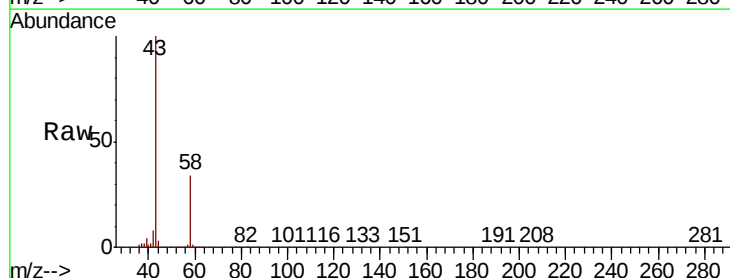
Delta R.T. -0.01 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

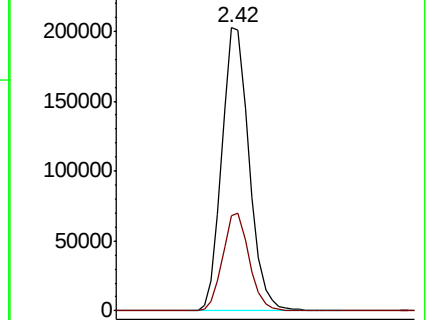
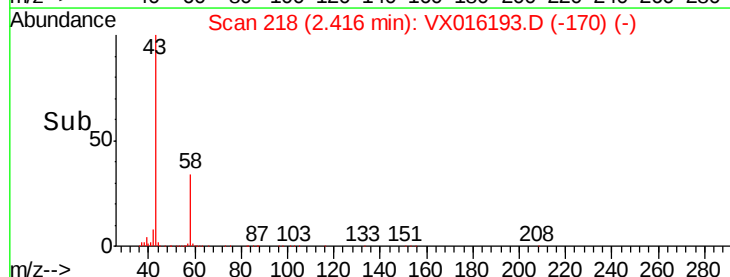
Tgt Ion: 43 Resp: 341648

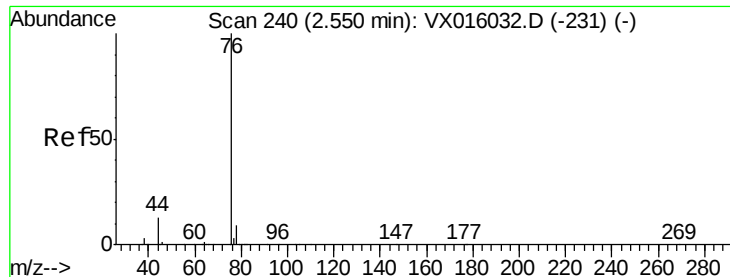
Ion	Ratio	Lower	Upper
43	100		
58	33.7	25.4	38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.060 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

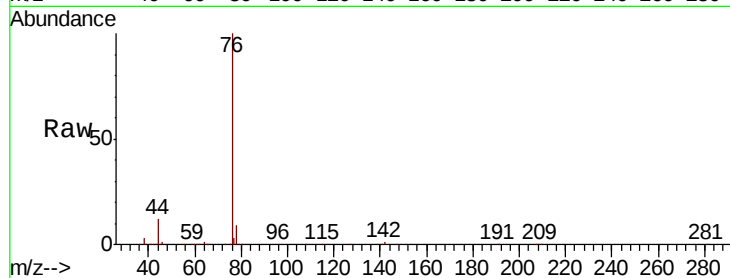
VSTDCCC050EC

Tot Ion: 76 Resp: 367844

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

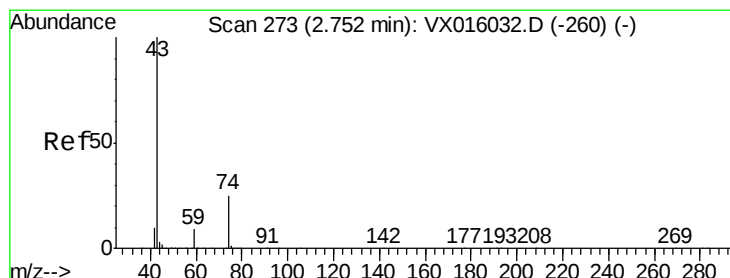
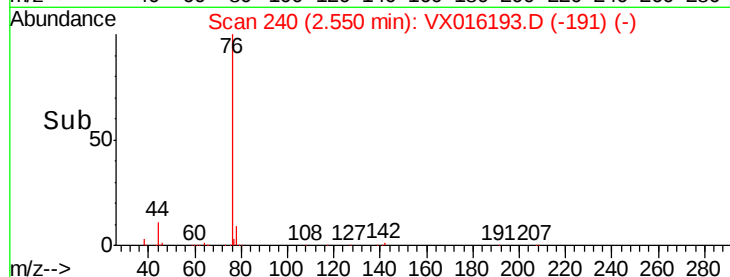
0

2.55

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 48.727 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016193.D

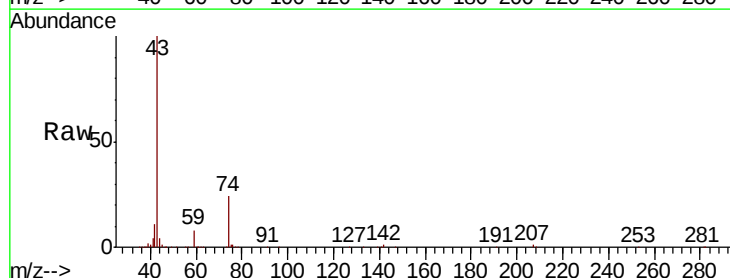
Acq: 13 May 2020 20:22

Tgt Ion: 43 Resp: 188024

Ion Ratio Lower Upper

43 100

74 25.6 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

40000

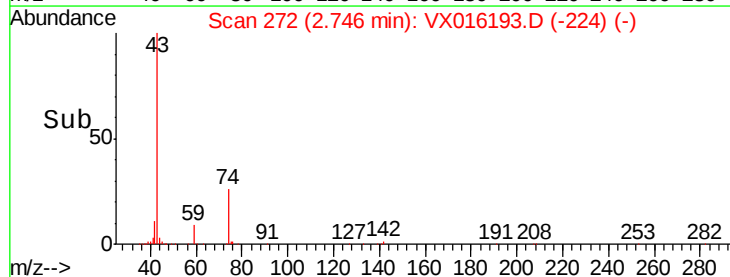
20000

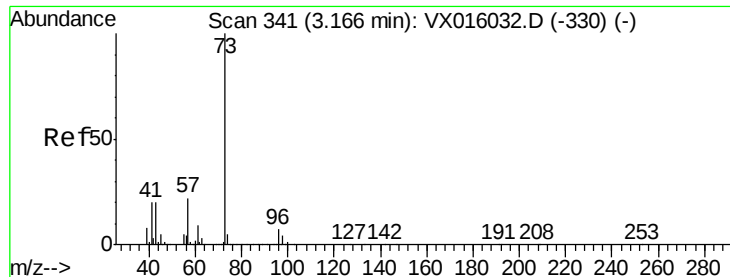
0

2.75

2.80

Time-->



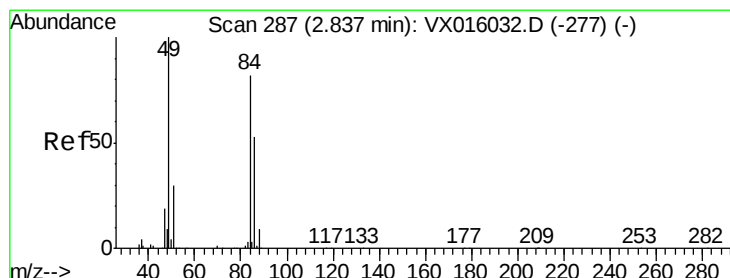
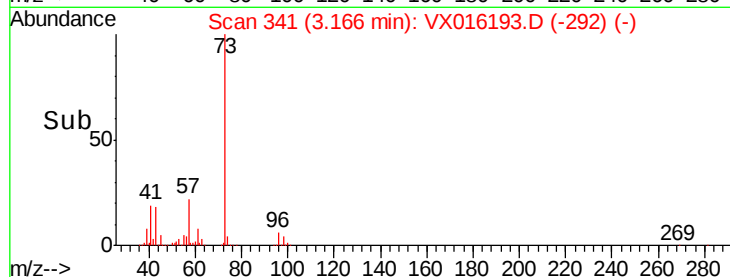
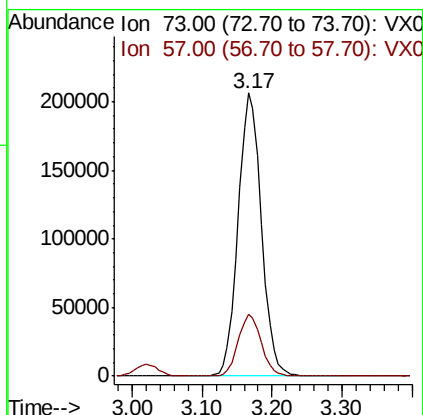
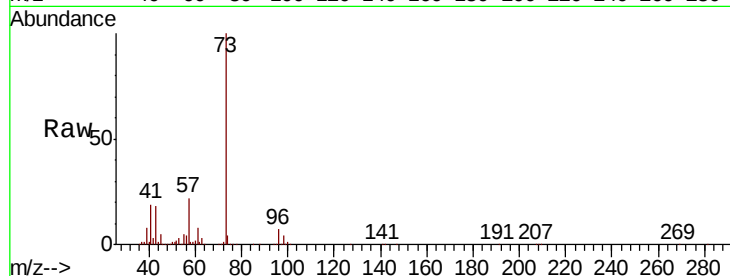


#19

Methyl tert-butyl Ether
 Concen: 49.572 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

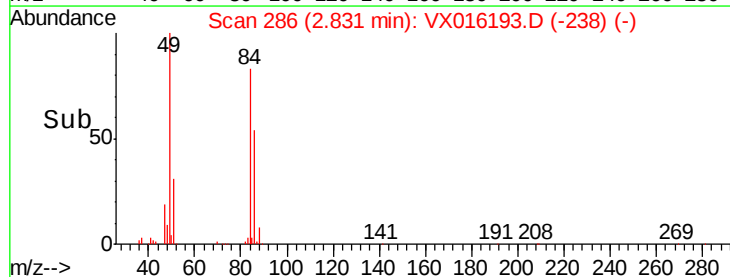
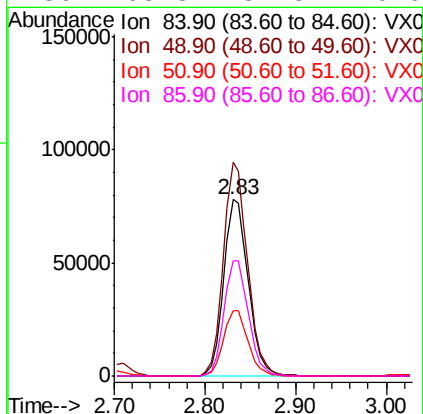
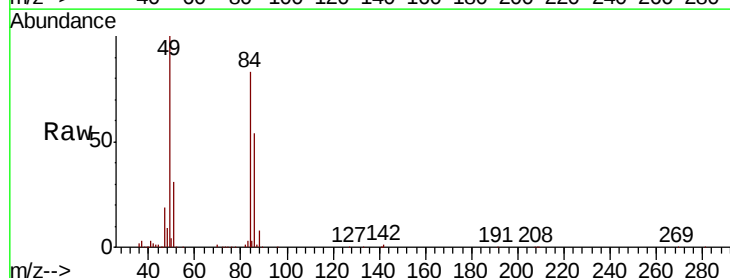
Tot Ion: 73 Resp: 474816
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.8 26.6



#20

Methylene Chloride
 Concen: 45.403 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Tgt Ion: 84 Resp: 146891
 Ion Ratio Lower Upper
 84 100
 49 121.0 97.3 145.9
 51 37.1 29.3 43.9
 86 65.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 46.085 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

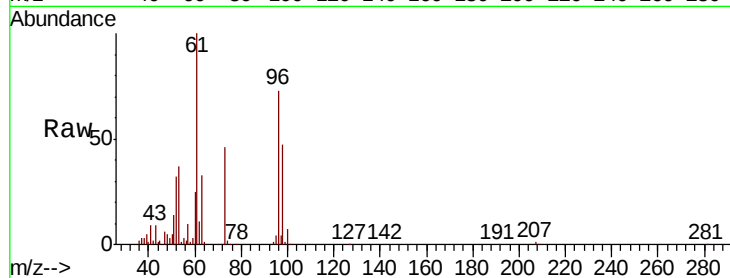
Tot Ion: 96 Resp: 142694

Ion Ratio Lower Upper

96 100

61 137.0 111.2 166.8

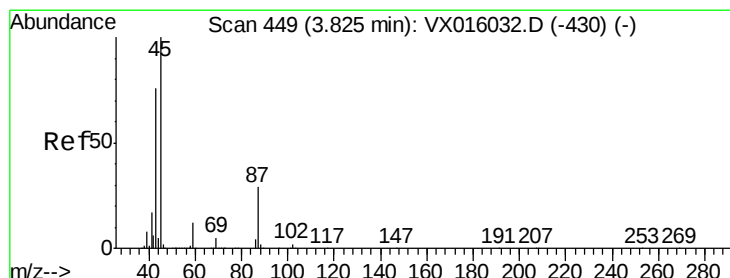
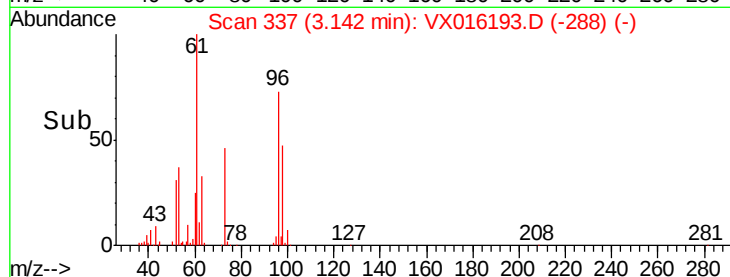
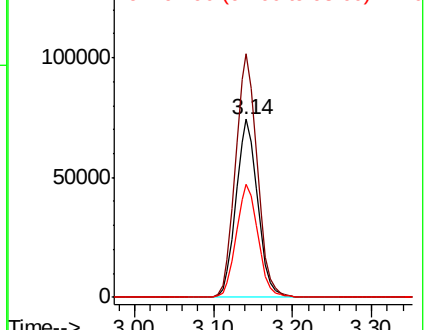
98 63.8 50.2 75.4



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: 47.567 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Tgt Ion: 45 Resp: 457172

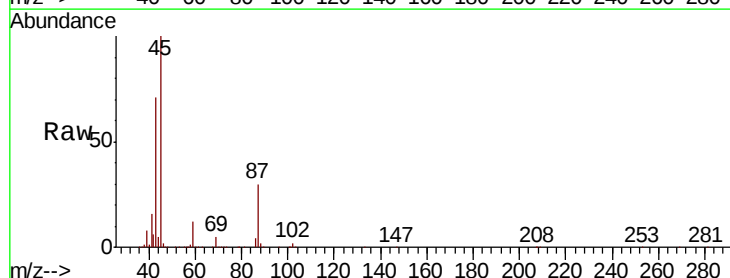
Ion Ratio Lower Upper

45 100

43 70.7 61.1 91.7

87 29.7 23.0 34.6

59 11.7 9.8 14.6

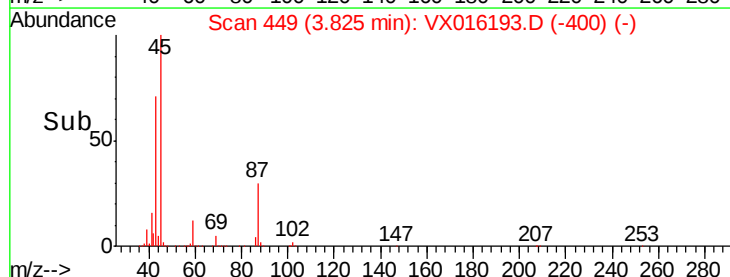
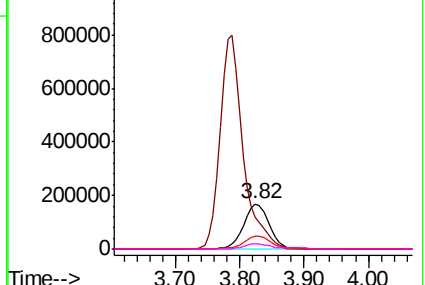


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 239.002 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

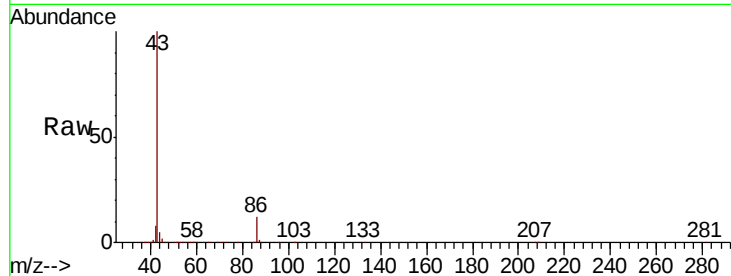
VSTDCCC050EC

Tot Ion: 43 Resp: 2020942

Ion Ratio Lower Upper

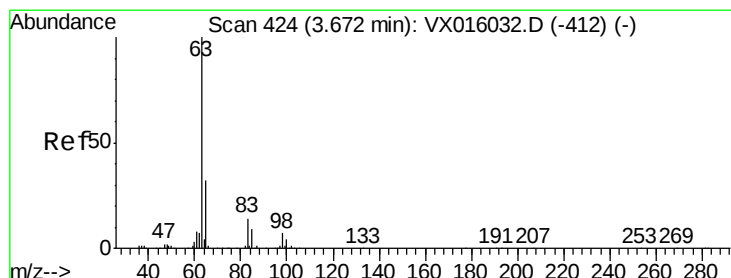
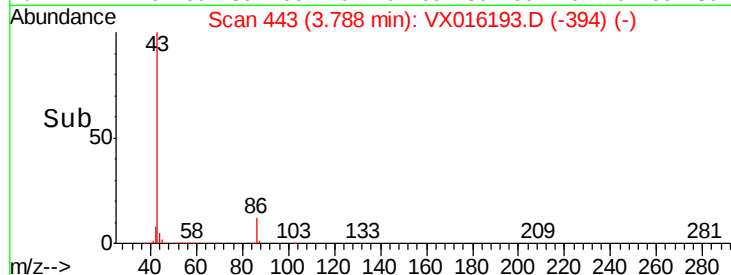
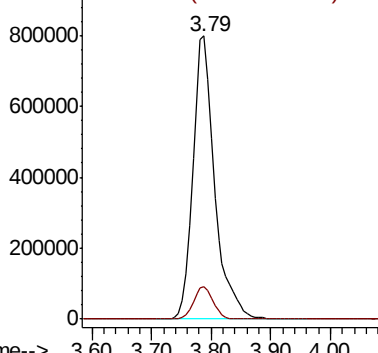
43 100

86 11.6 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.425 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

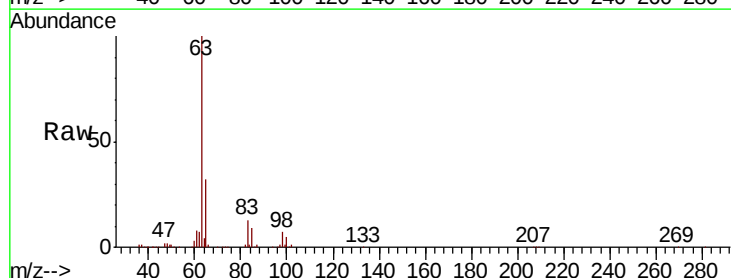
Tgt Ion: 63 Resp: 260358

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

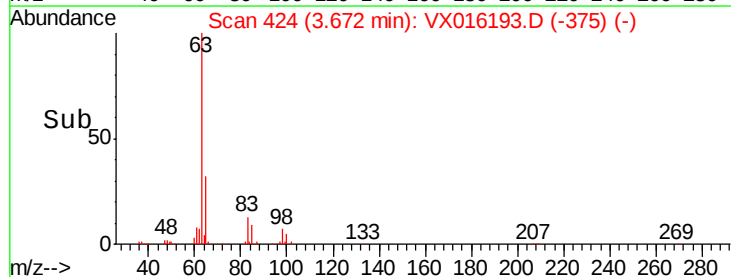
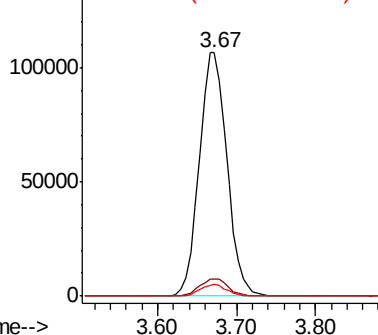
100 5.0 2.1 6.5

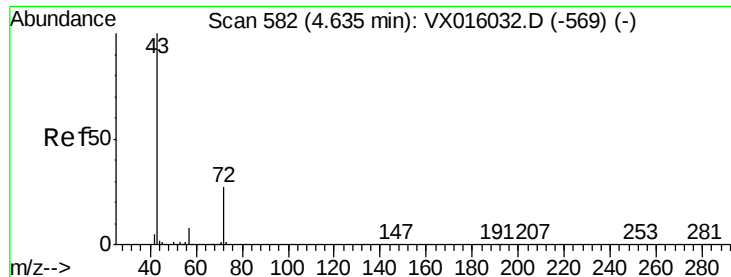


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 237.013 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

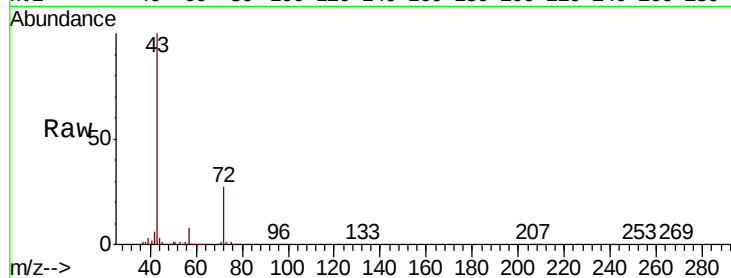
VSTDCCC050EC

Tot Ion: 43 Resp: 599383

Ion Ratio Lower Upper

43 100

72 27.1 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

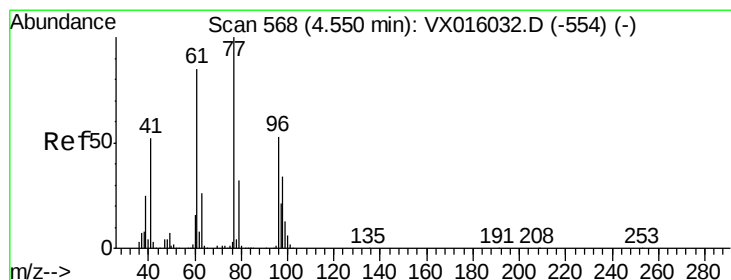
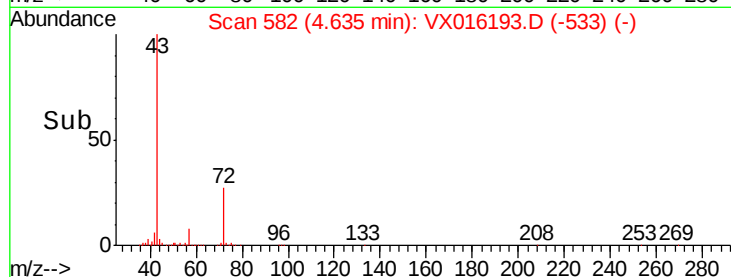
50000

0

4.64

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 41.706 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016193.D

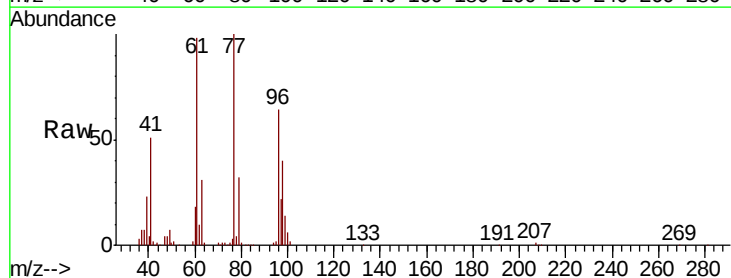
Acq: 13 May 2020 20:22

Tgt Ion: 77 Resp: 204779

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

40000

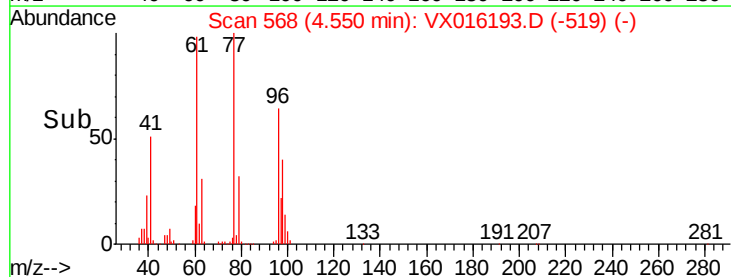
20000

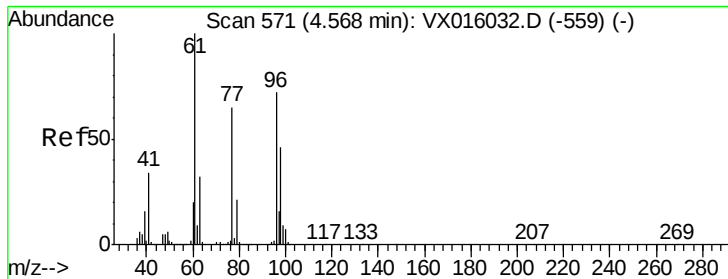
0

4.55

4.40 4.50 4.60 4.70

Time-->



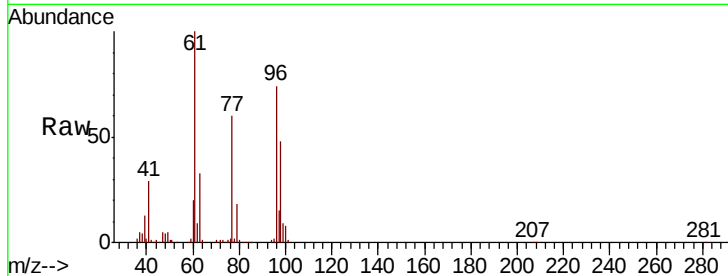


#27

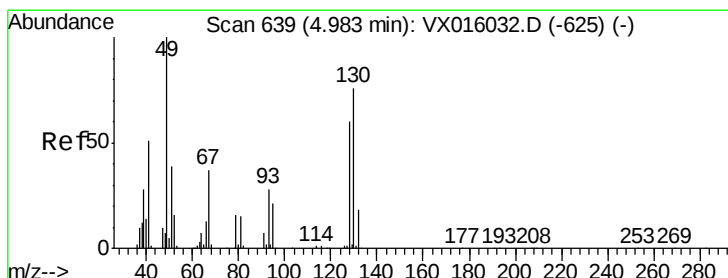
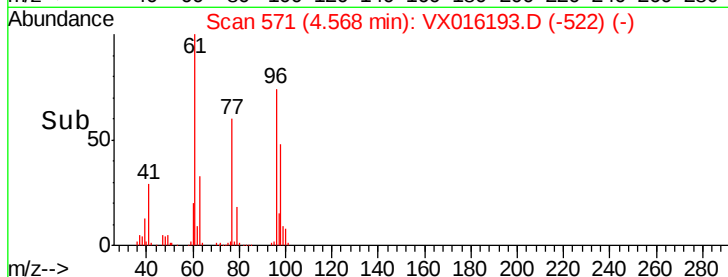
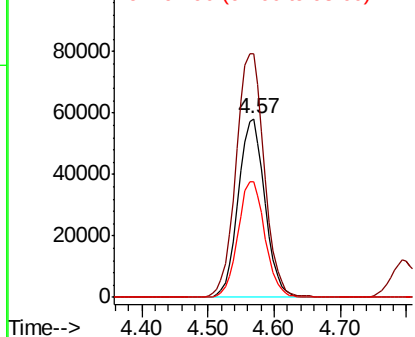
cis-1,2-Dichloroethene
 Concen: 48.158 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	296.2
98	65.6	0.0	129.4



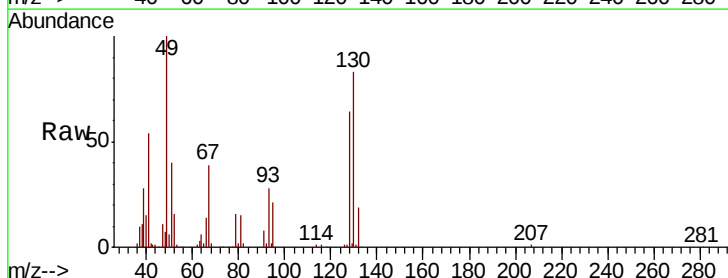
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



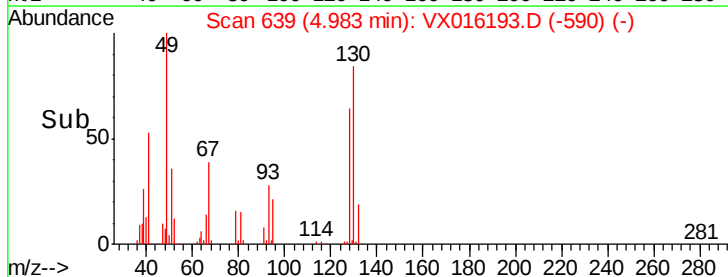
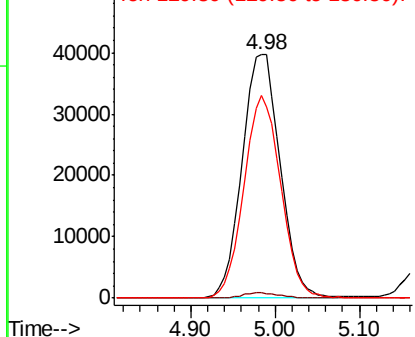
#28

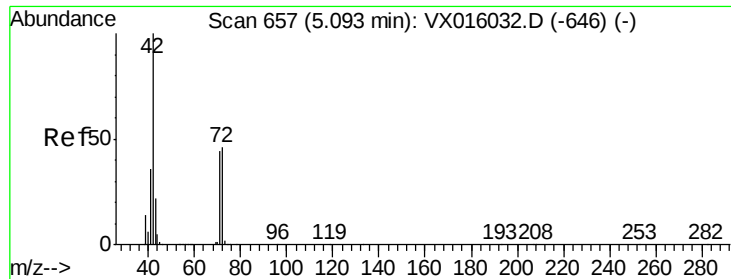
Bromochloromethane
 Concen: 49.742 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	80.6	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

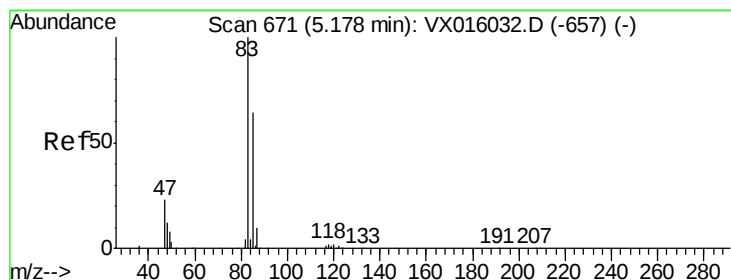
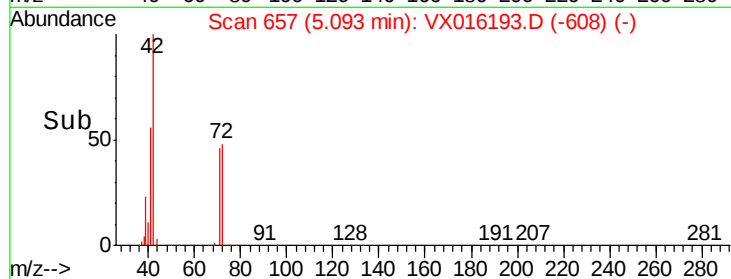
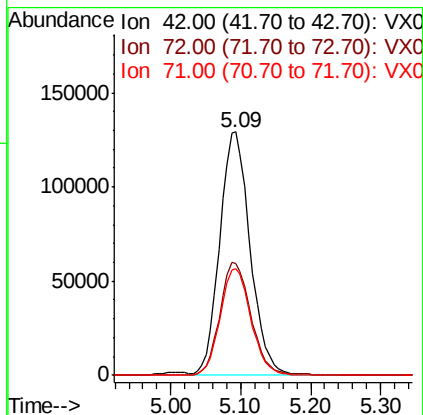
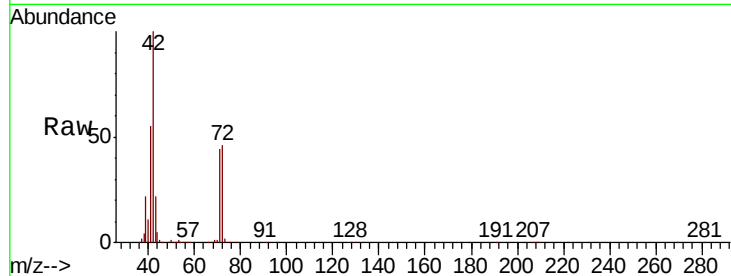




#29
Tetrahydrofuran
Concen: 232.103 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

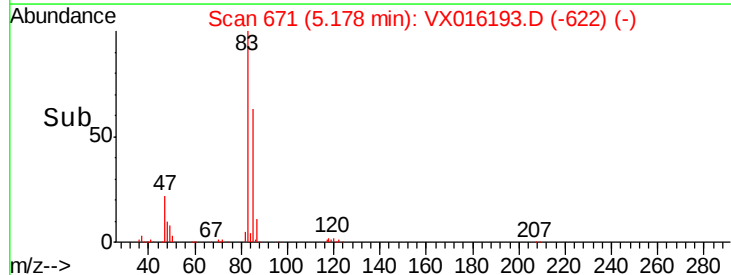
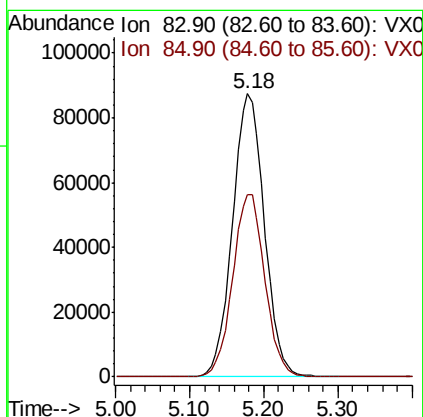
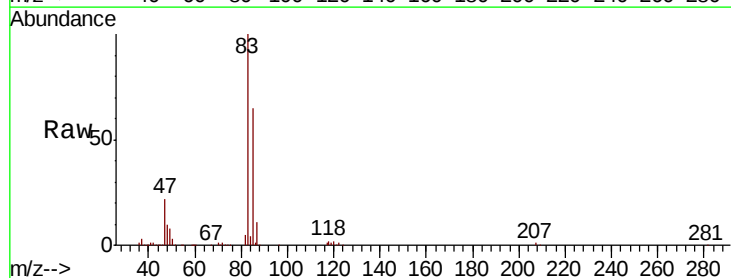
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

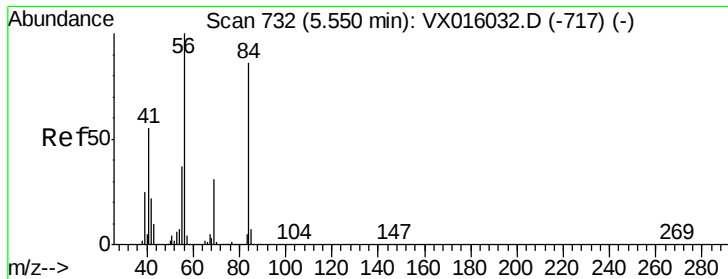
Tot Ion: 42 Resp: 388924
Ion Ratio Lower Upper
42 100
72 47.6 37.1 55.7
71 44.3 34.5 51.7



#30
Chloroform
Concen: 48.886 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion: 83 Resp: 261696
Ion Ratio Lower Upper
83 100
85 64.5 51.6 77.4

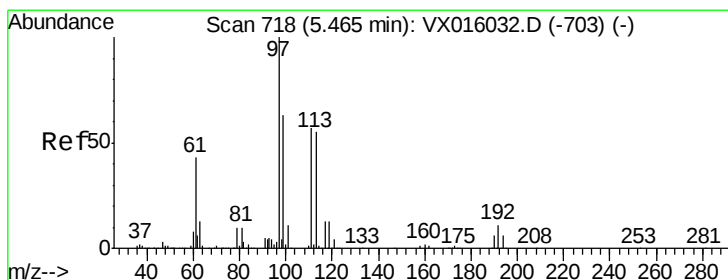
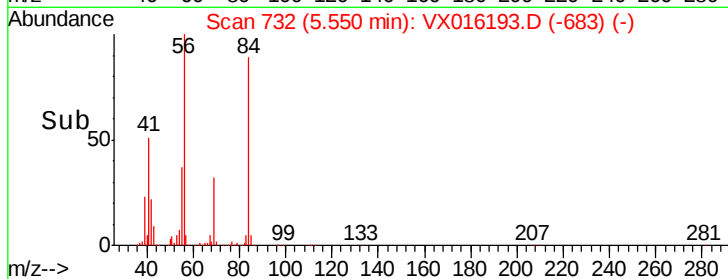
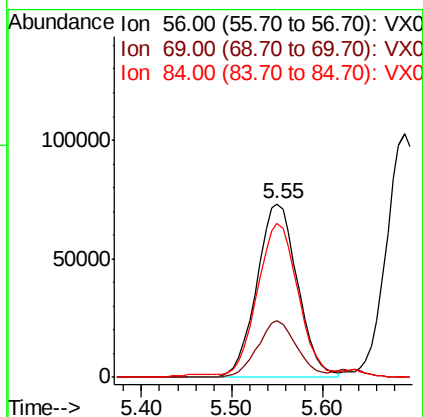
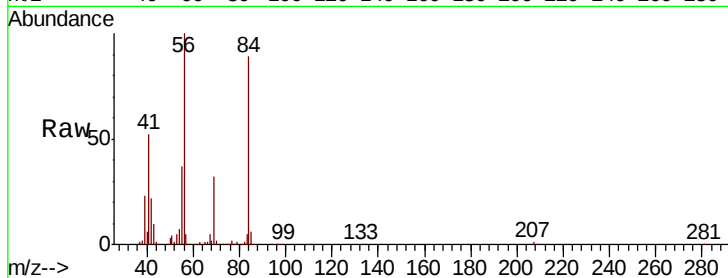




#31
Cyclohexane
Concen: 46.637 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

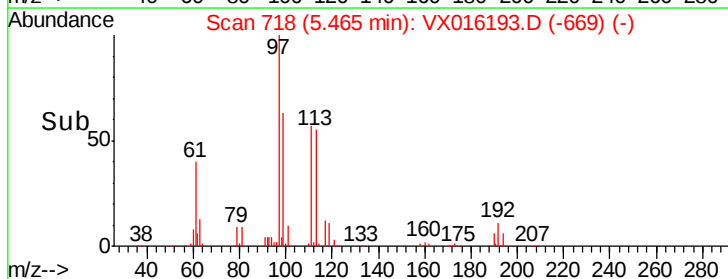
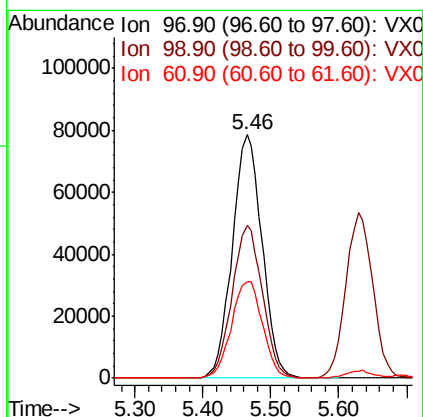
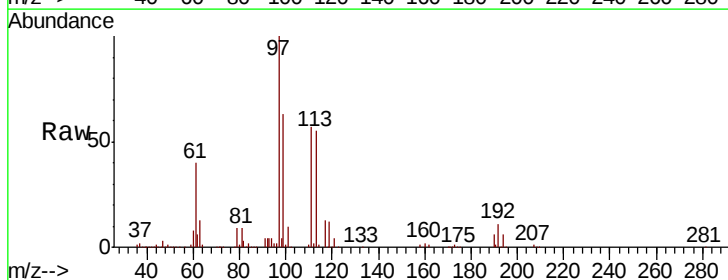
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 227878
Ion Ratio Lower Upper
56 100
69 32.4 25.0 37.6
84 87.3 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 49.045 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion: 97 Resp: 238648
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 41.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 44.703 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

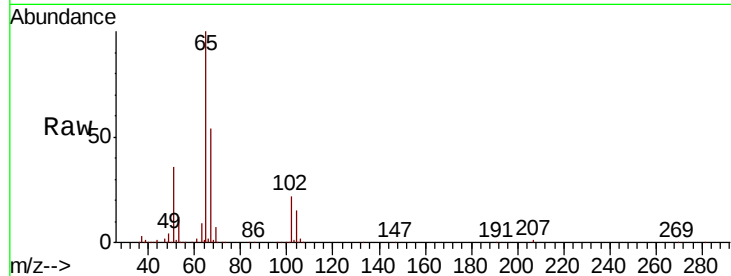
VSTDCCC050EC

Tot Ion: 65 Resp: 157233

Ion Ratio Lower Upper

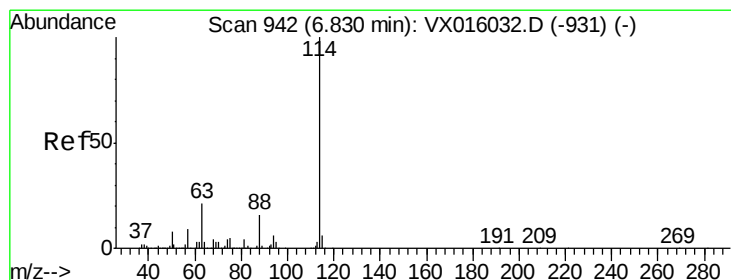
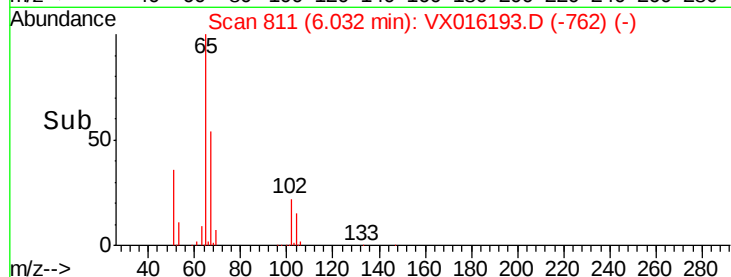
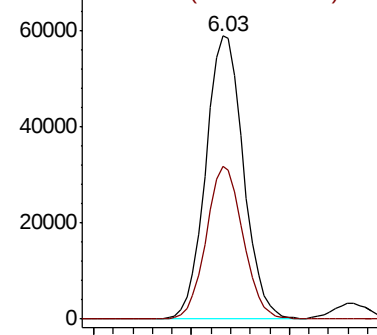
65 100

67 52.8 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

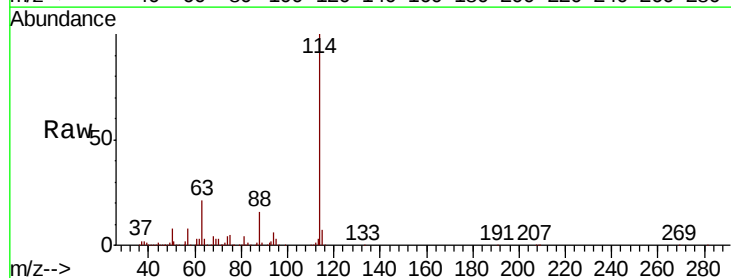
Tgt Ion: 114 Resp: 429365

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

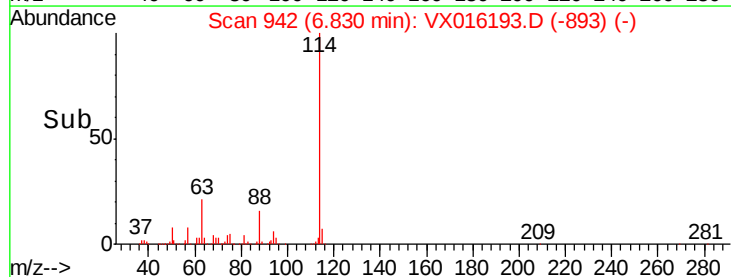
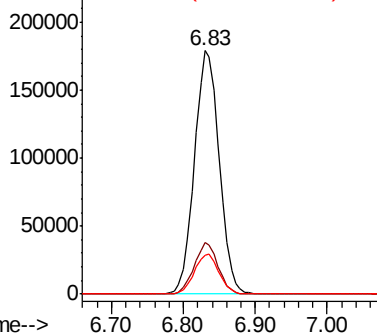
88 16.0 0.0 31.4

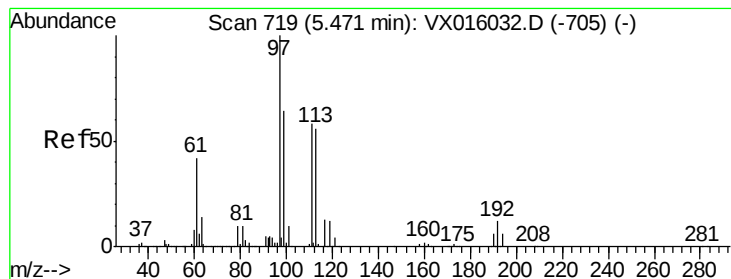


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.296 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

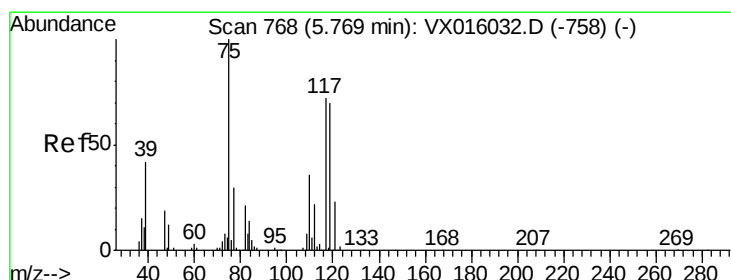
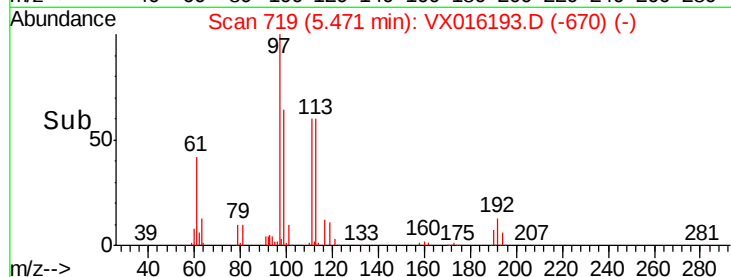
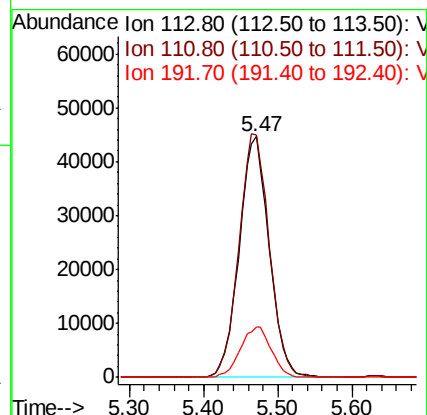
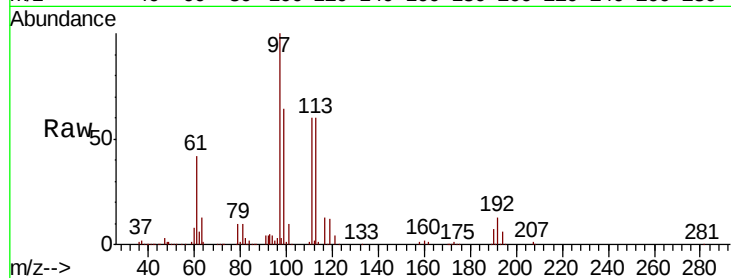
Tot Ion:113 Resp: 125934

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

192 21.6 17.0 25.4



#36

1,1-Dichloropropene

Concen: 46.743 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

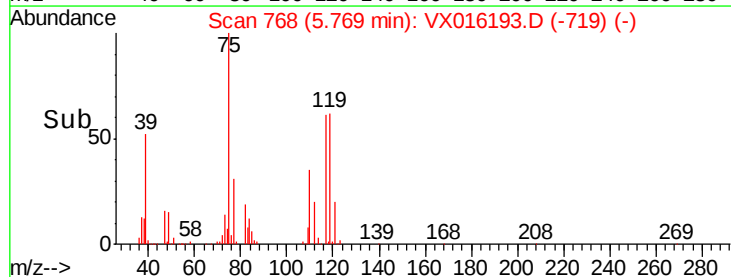
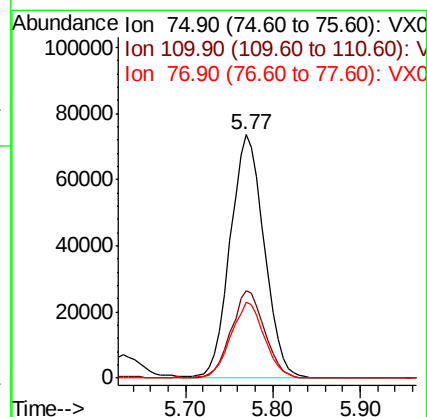
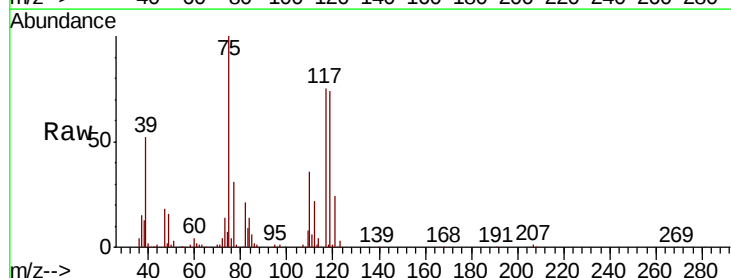
Tgt Ion: 75 Resp: 197558

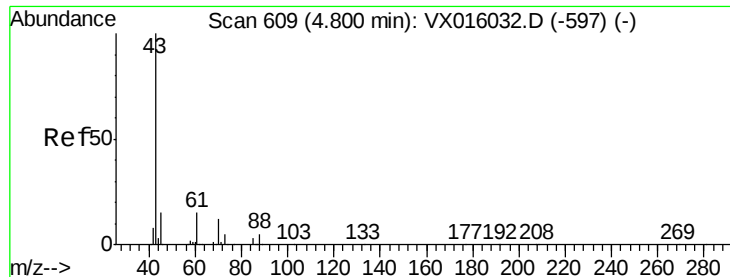
Ion Ratio Lower Upper

75 100

110 35.7 18.1 54.1

77 31.2 25.0 37.6

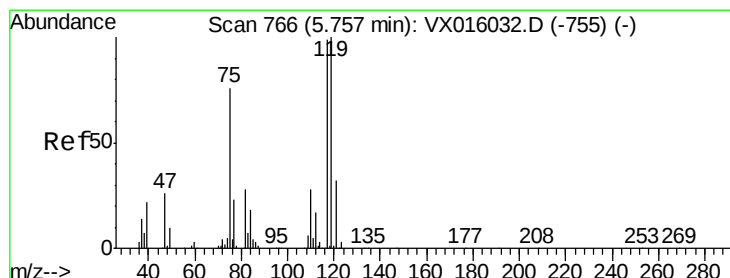
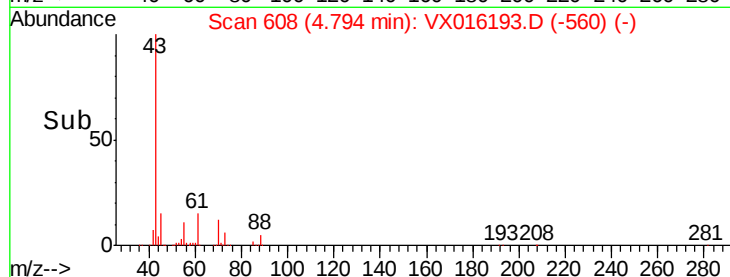
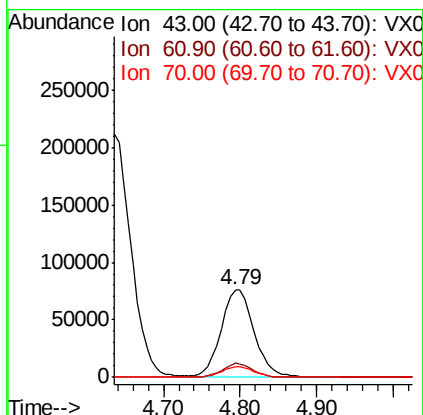
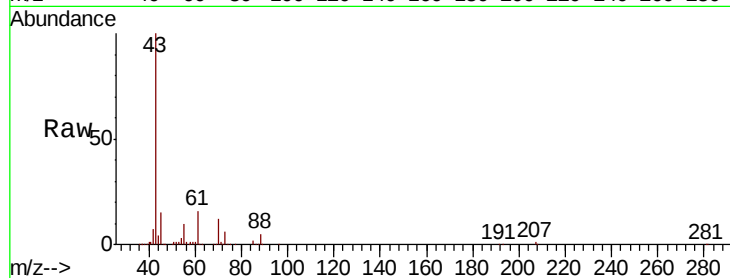




#37
Ethyl Acetate
Concen: 45.991 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

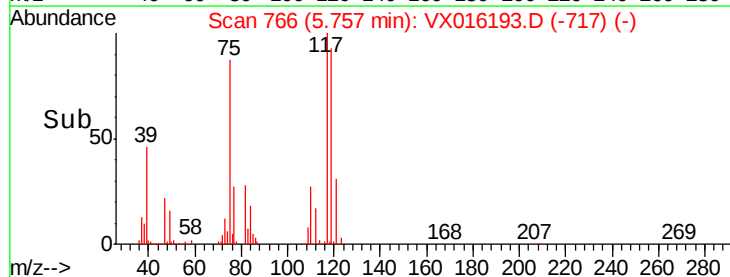
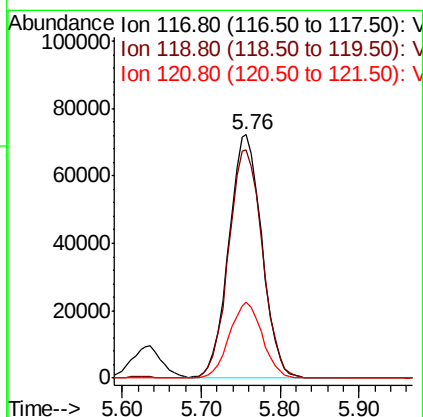
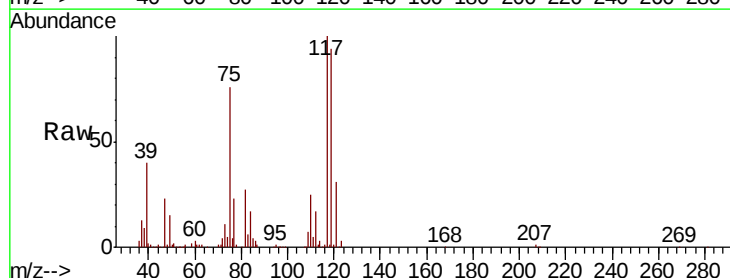
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

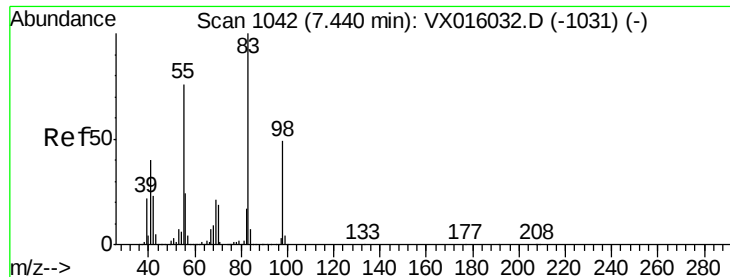
Tot Ion: 43 Resp: 225294
Ion Ratio Lower Upper
43 100
61 15.3 11.7 17.5
70 12.1 9.3 13.9



#38
Carbon Tetrachloride
Concen: 48.841 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion: 117 Resp: 209818
Ion Ratio Lower Upper
117 100
119 94.0 80.3 120.5
121 31.4 25.7 38.5

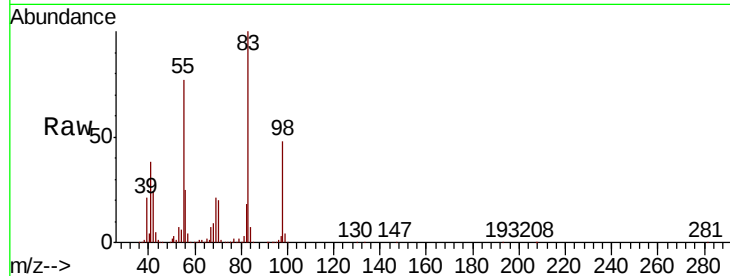




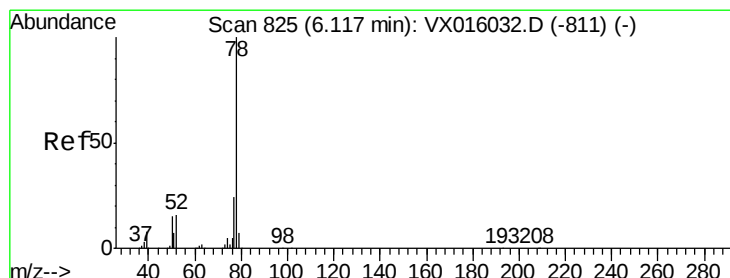
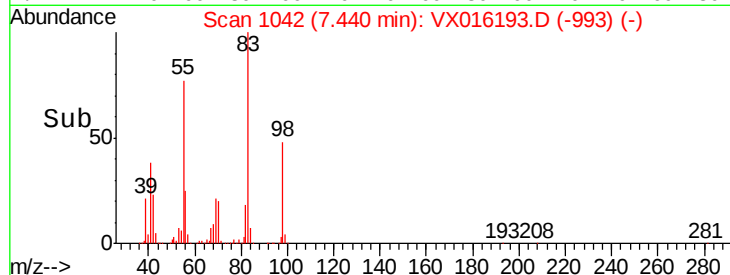
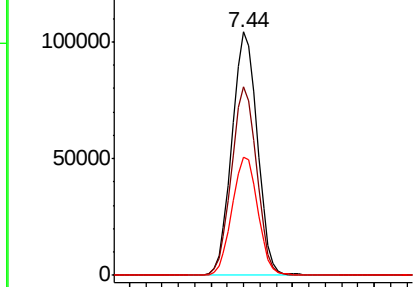
#39
Methvlcvclohexane
Concen: 43.879 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 223340
Ion Ratio Lower Upper
83 100
55 77.3 61.1 91.7
98 48.4 39.0 58.4

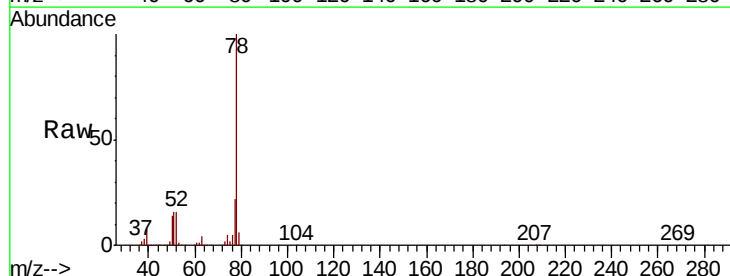


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

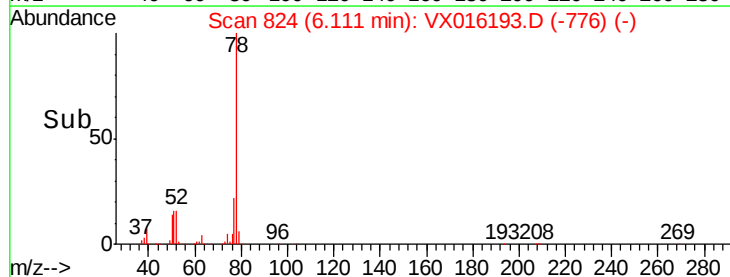
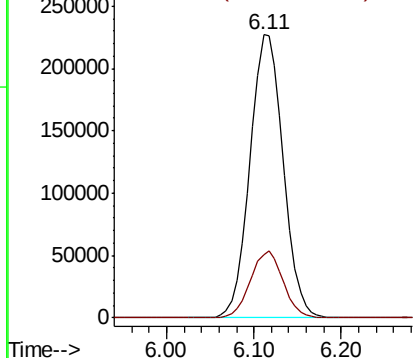


#40
Benzene
Concen: 48.557 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion: 78 Resp: 600486
Ion Ratio Lower Upper
78 100
77 22.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

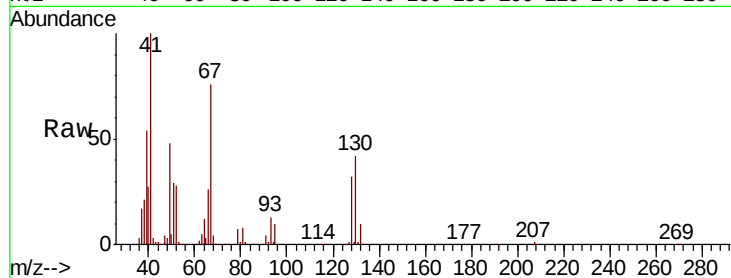




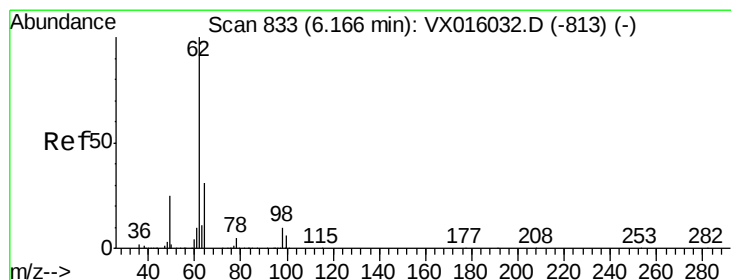
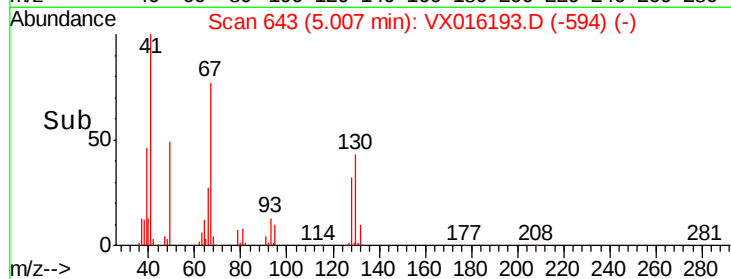
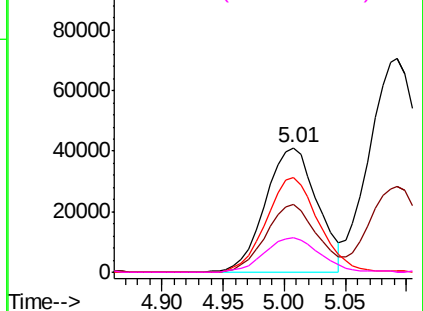
#41
Methacrylonitrile
Concen: 45.979 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	121638
Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.2	64.8
67	77.5	59.3	88.9
52	29.5	23.5	35.3

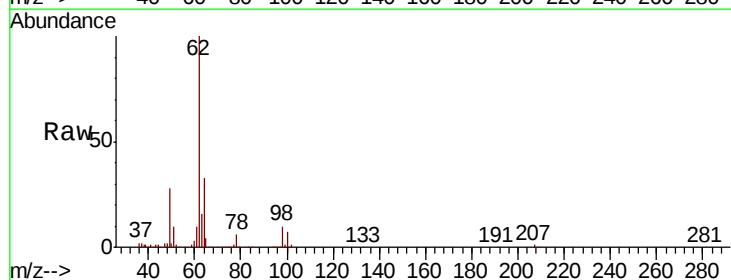


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

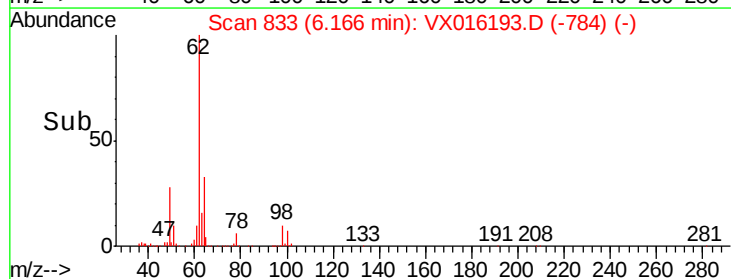
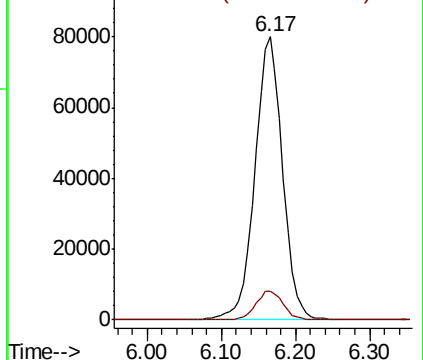


#42
1,2-Dichloroethane
Concen: 46.603 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion:	62	Resp:	207606
Ion	Ratio	Lower	Upper
62	100		
98	10.1	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: 47.019 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

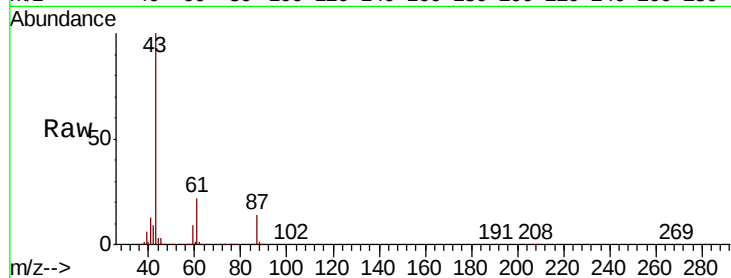
Tot Ion: 43 Resp: 367500

Ion Ratio Lower Upper

43 100

61 21.8 17.0 25.4

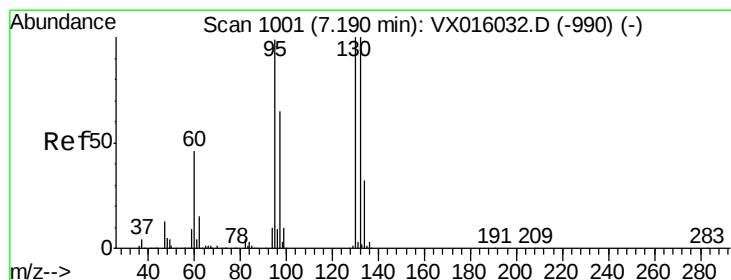
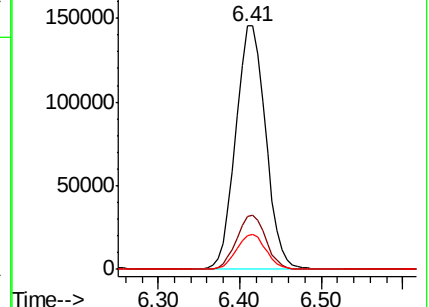
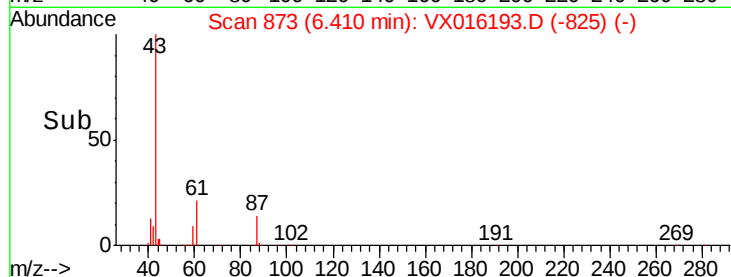
87 14.2 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 45.154 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016193.D

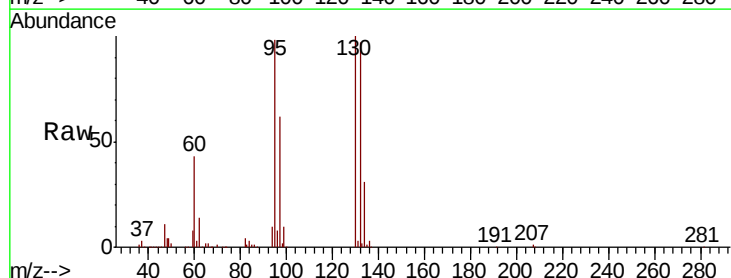
Acq: 13 May 2020 20:22

Tgt Ion: 130 Resp: 198377

Ion Ratio Lower Upper

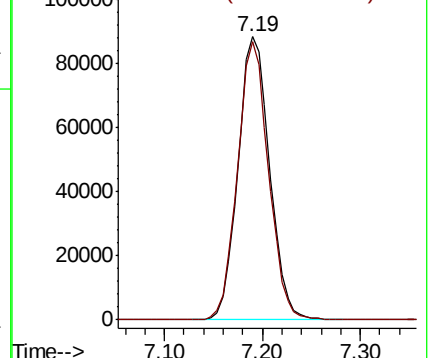
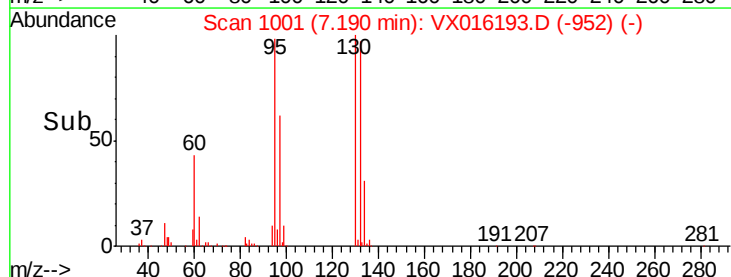
130 100

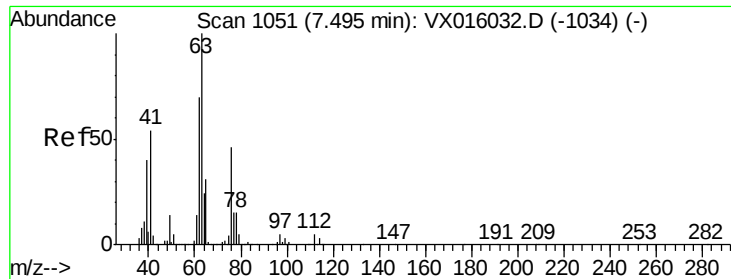
95 98.2 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.384 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

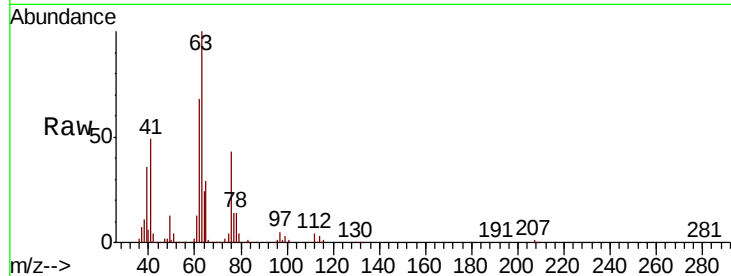
VSTDCCC050EC

Tot Ion: 63 Resp: 157660

Ion Ratio Lower Upper

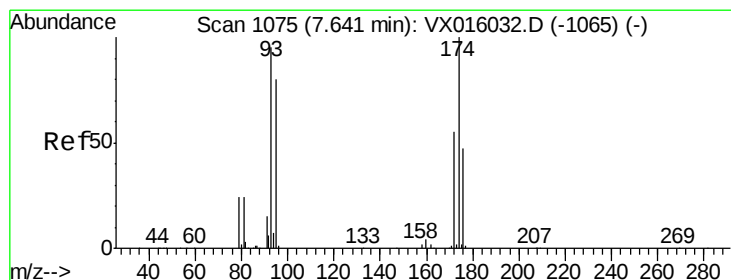
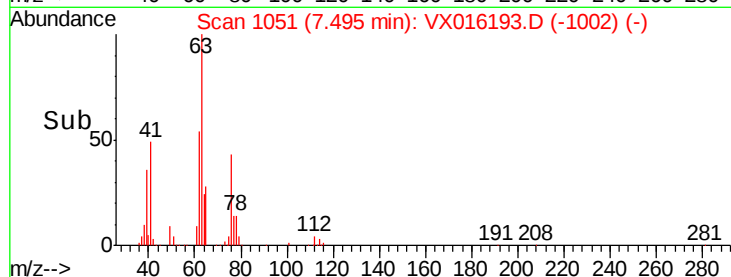
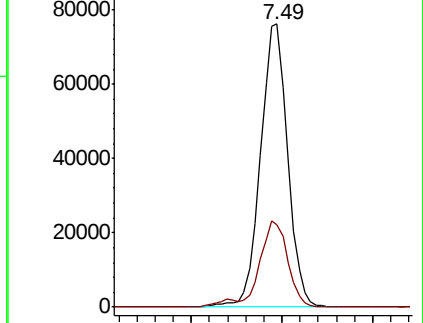
63 100

65 29.1 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: 48.543 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

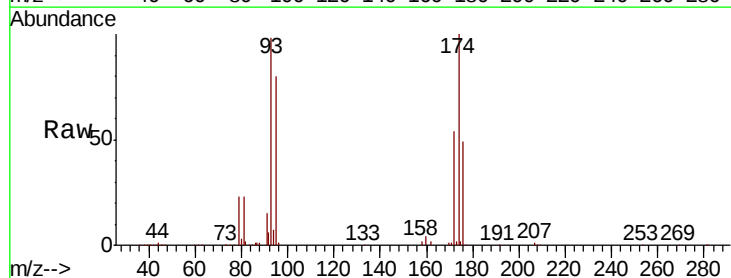
Tgt Ion: 93 Resp: 103226

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

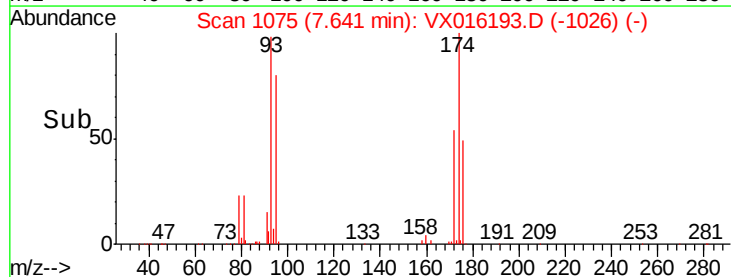
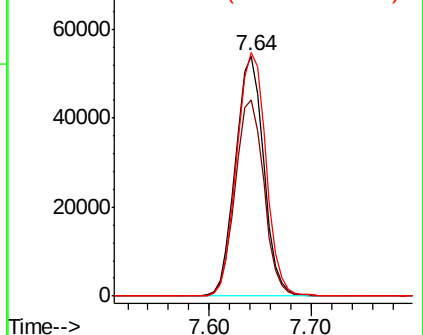
174 105.6 84.2 126.4

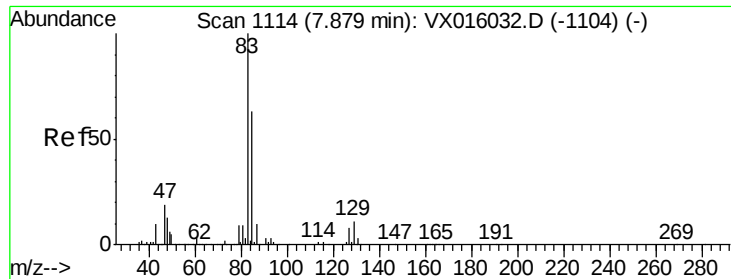


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.790 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

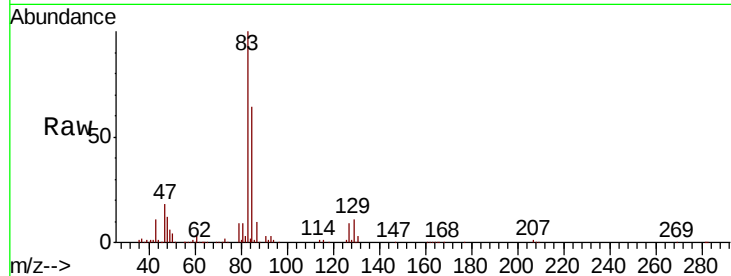
Tot Ion: 83 Resp: 215635

Ion Ratio Lower Upper

83 100

85 64.1 50.5 75.7

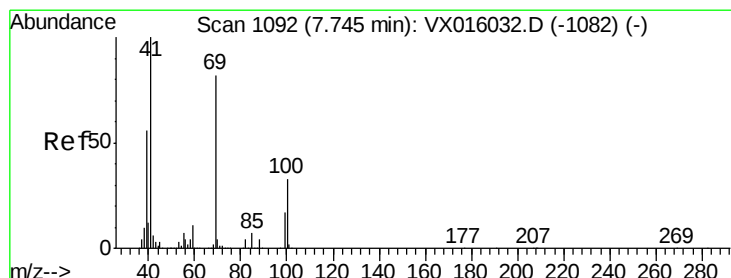
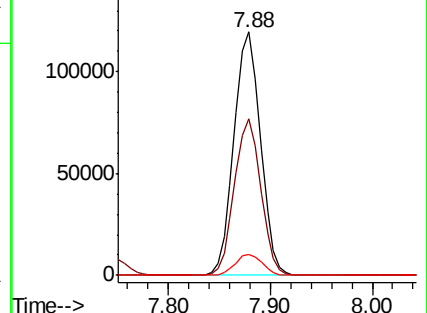
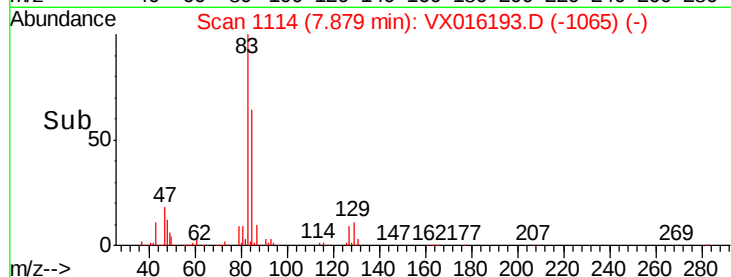
127 8.5 6.7 10.1



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: 46.994 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

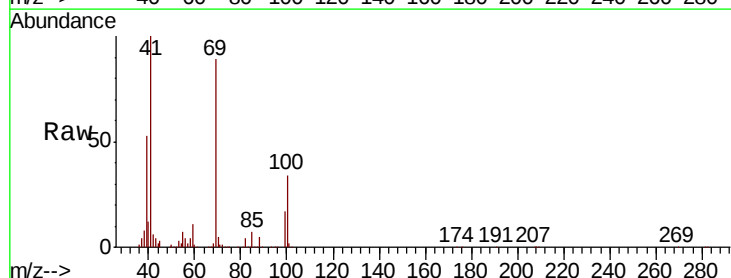
Tgt Ion: 41 Resp: 174044

Ion Ratio Lower Upper

41 100

69 88.8 67.8 101.6

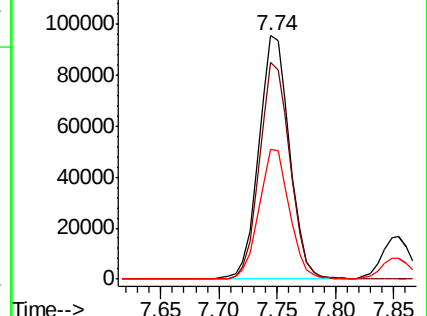
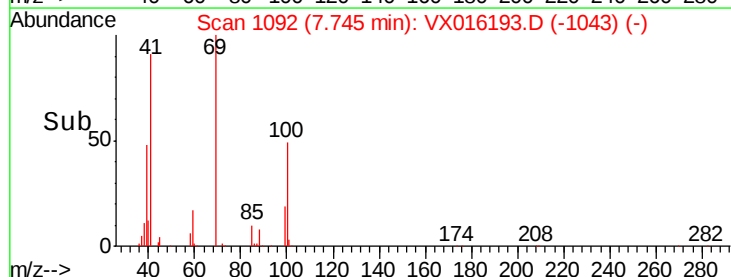
39 53.0 44.6 67.0

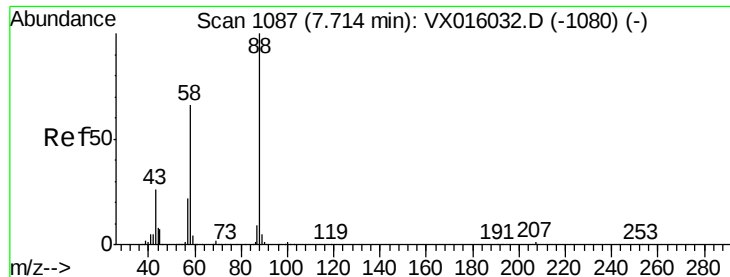


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 935.392 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

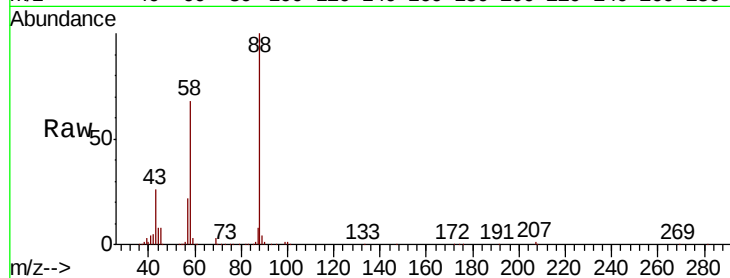
Tot Ion: 88 Resp: 83085

Ion Ratio Lower Upper

88 100

43 30.1 25.3 37.9

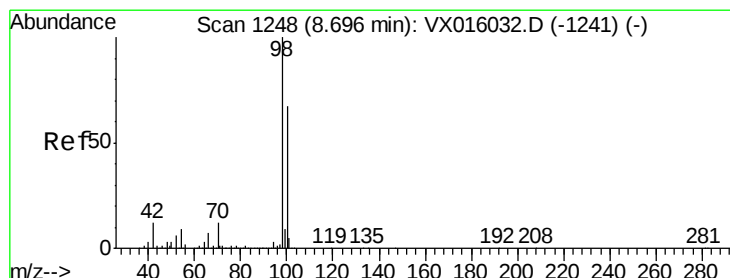
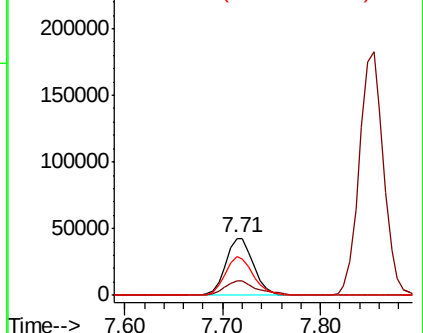
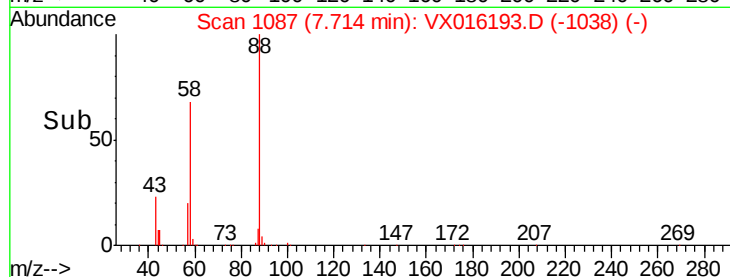
58 69.1 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.051 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016193.D

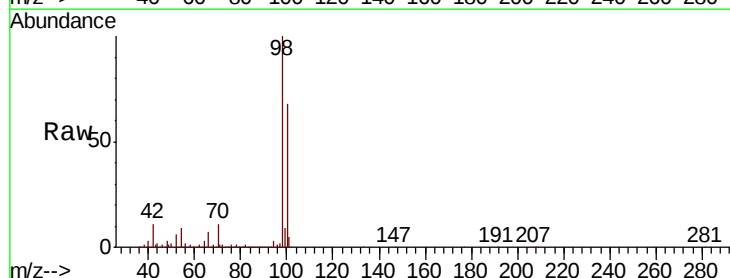
Acq: 13 May 2020 20:22

Tgt Ion: 98 Resp: 493152

Ion Ratio Lower Upper

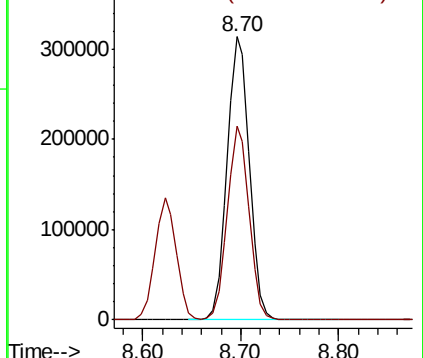
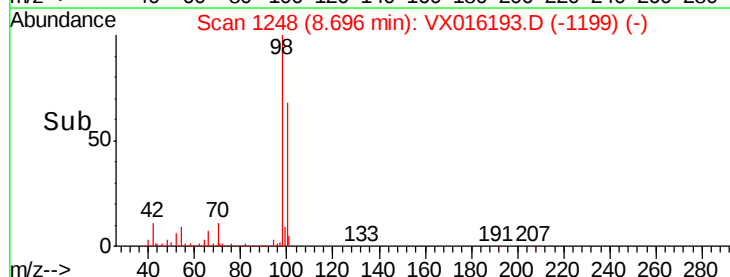
98 100

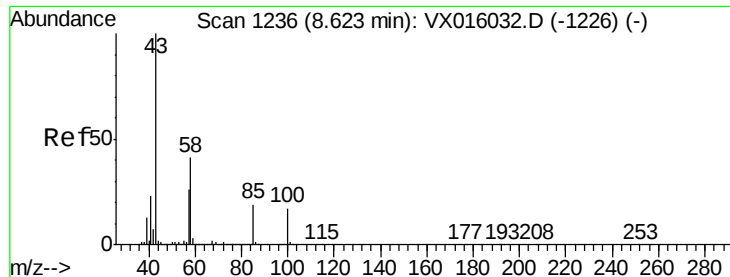
100 67.1 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 241.259 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

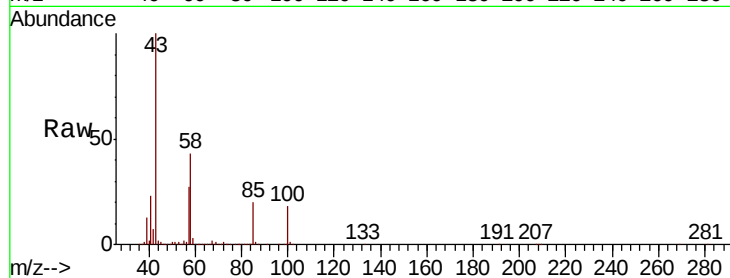
VSTDCCC050EC

Tot Ion: 43 Resp: 1153918

Ion Ratio Lower Upper

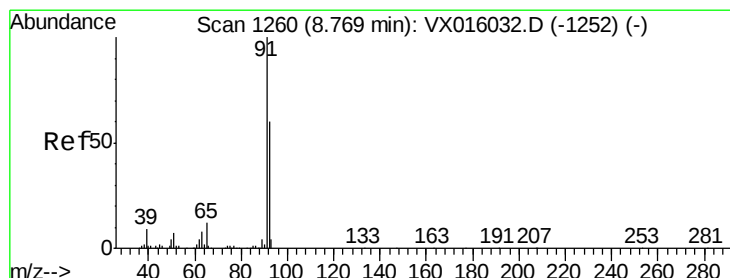
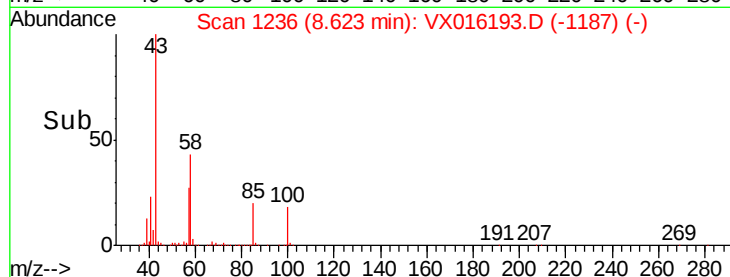
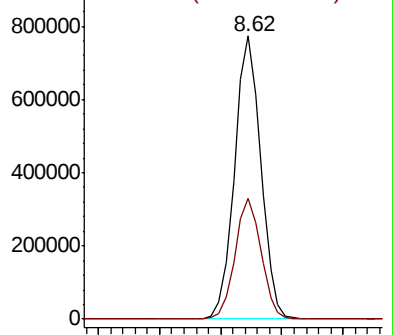
43 100

58 42.4 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: 49.436 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016193.D

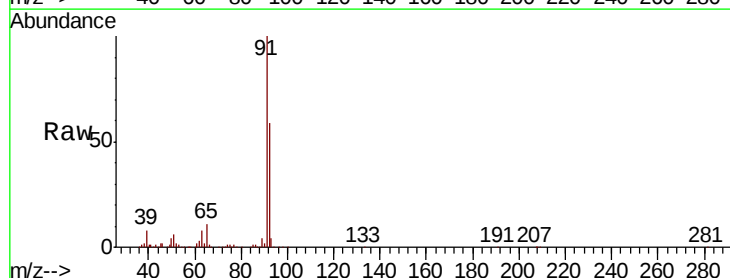
Acq: 13 May 2020 20:22

Tgt Ion: 92 Resp: 381062

Ion Ratio Lower Upper

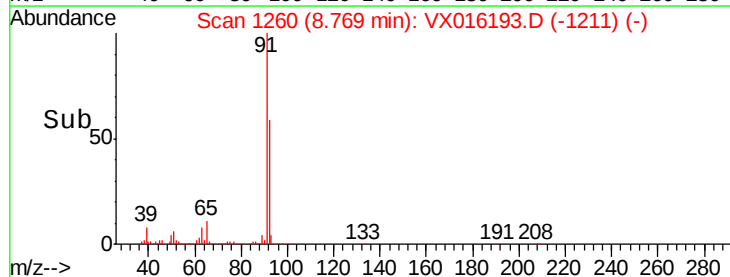
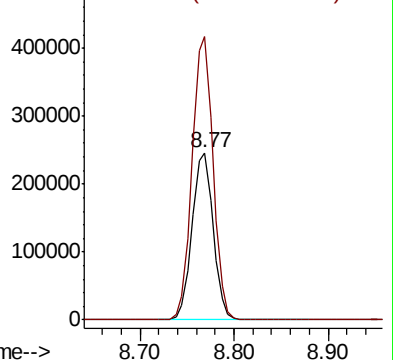
92 100

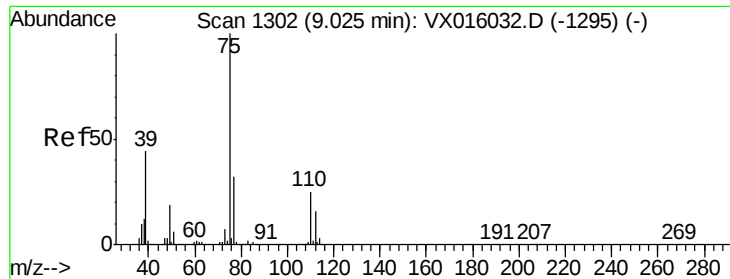
91 168.3 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 47.877 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

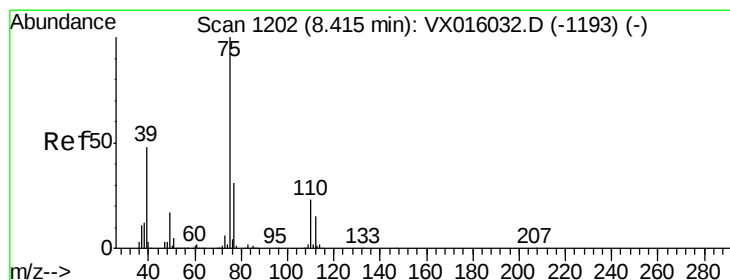
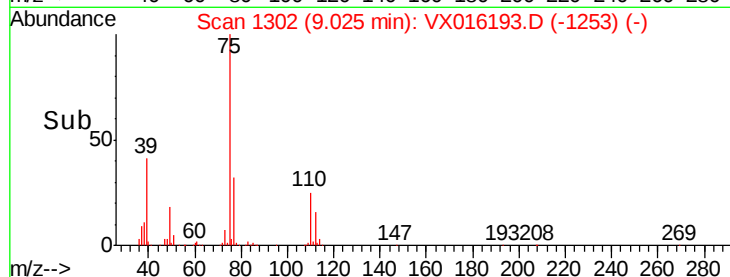
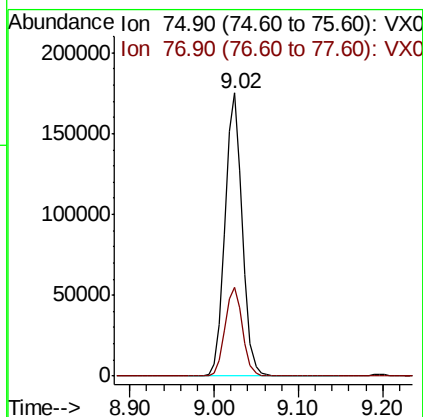
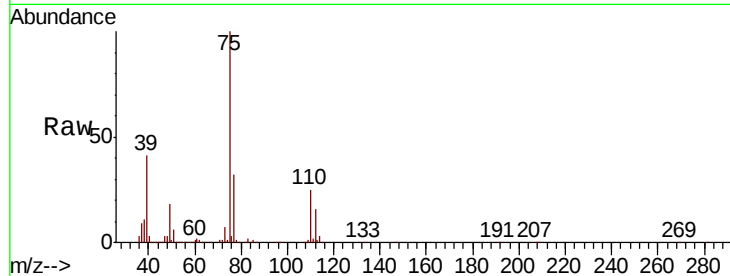
VSTDCCC050EC

Tot Ion: 75 Resp: 247223

Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 48.622 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

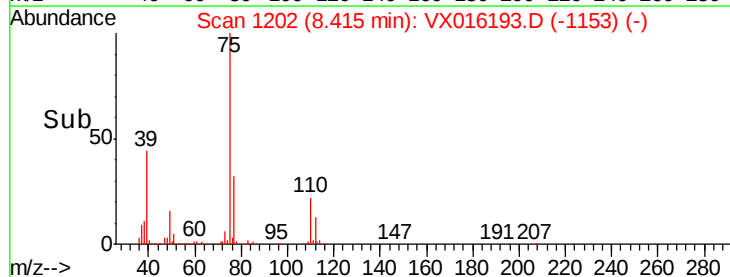
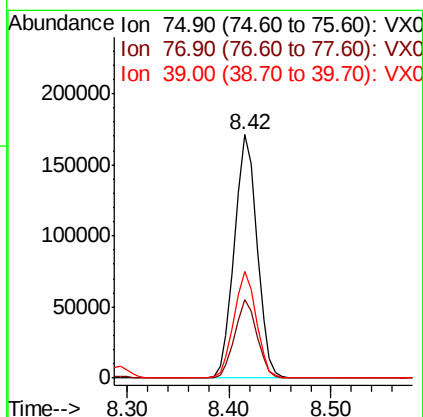
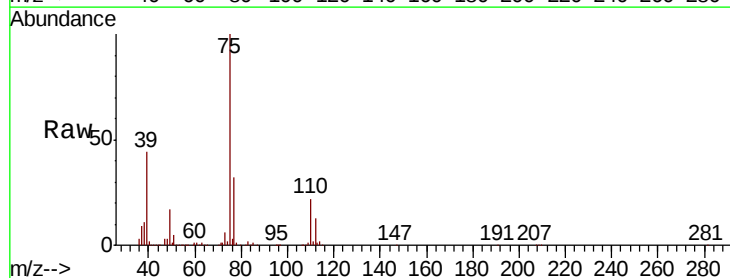
Tgt Ion: 75 Resp: 262250

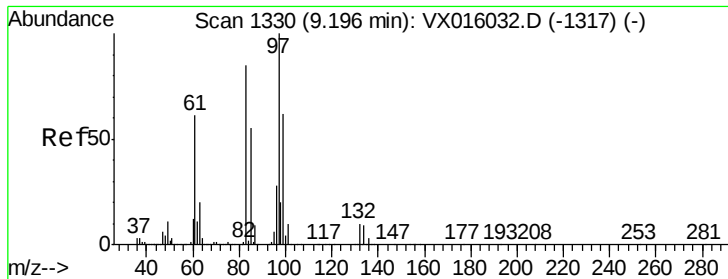
Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1

39 43.6 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 50.626 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 153535

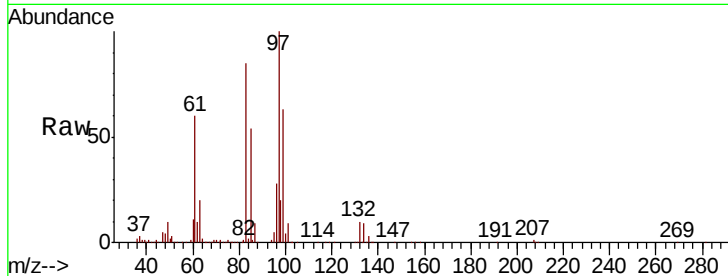
Ion Ratio Lower Upper

97 100

83 85.3 67.8 101.8

85 54.0 43.8 65.8

99 63.2 49.4 74.0

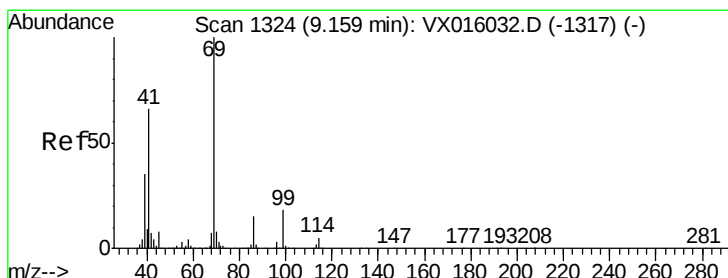
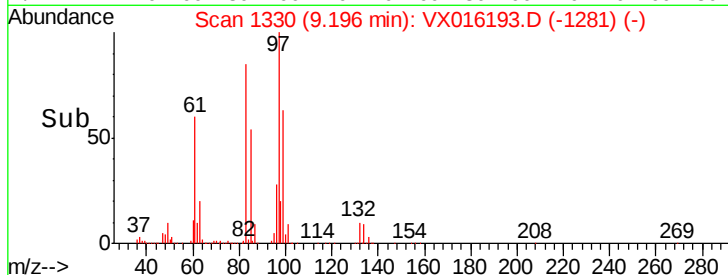
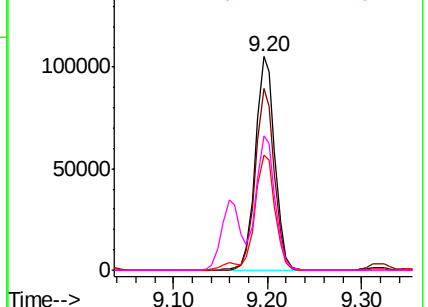


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 50.877 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

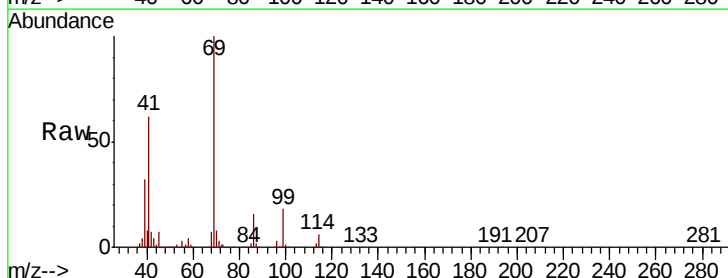
Tgt Ion: 69 Resp: 251859

Ion Ratio Lower Upper

69 100

41 61.9 52.2 78.4

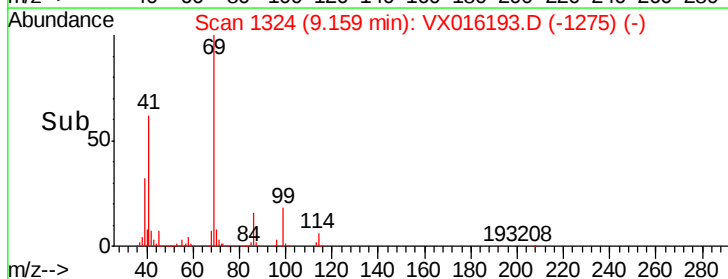
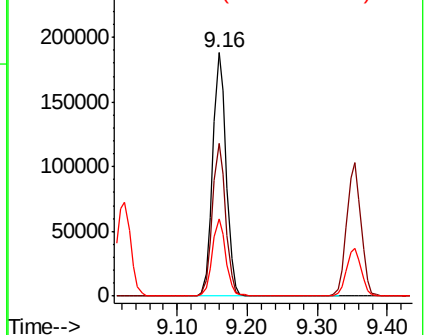
39 32.0 28.2 42.4

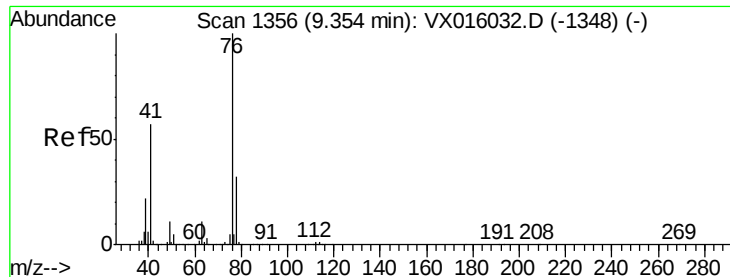


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.974 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

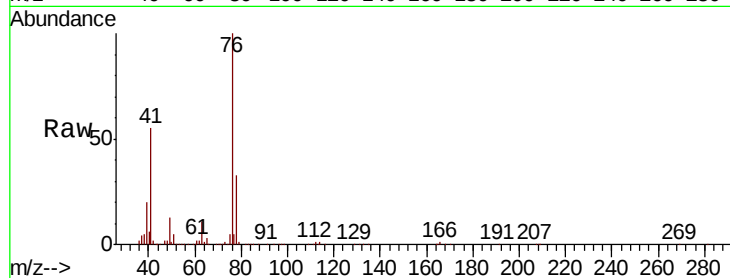
VSTDCCC050EC

Tot Ion: 76 Resp: 264451

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

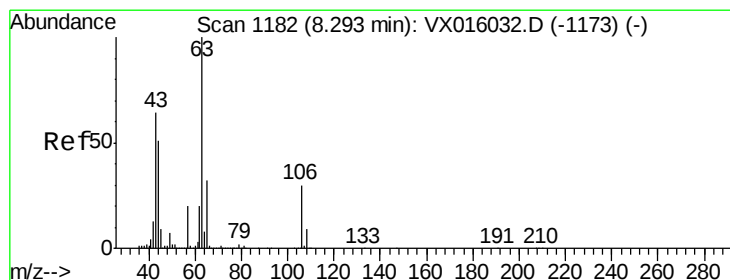
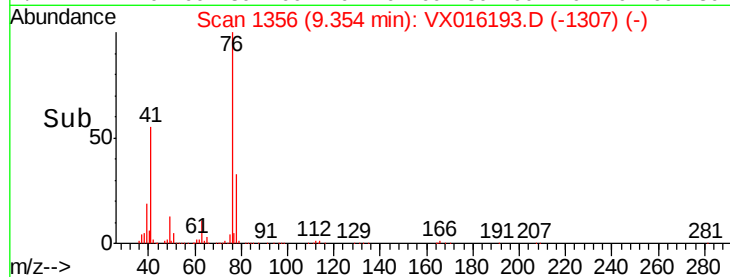
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 247.652 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016193.D

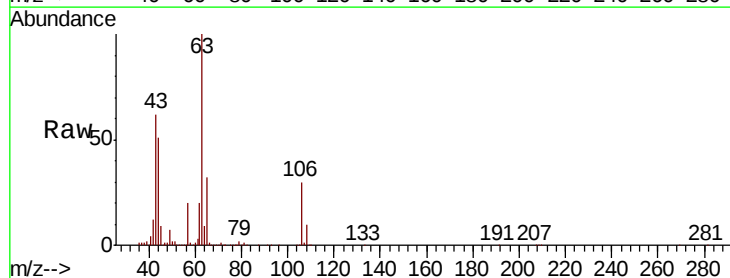
Acq: 13 May 2020 20:22

Tgt Ion: 63 Resp: 652671

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

500000

400000

300000

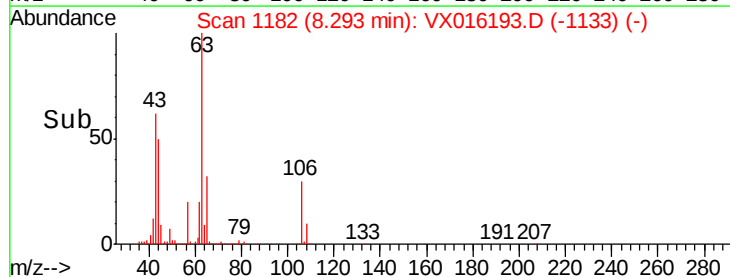
200000

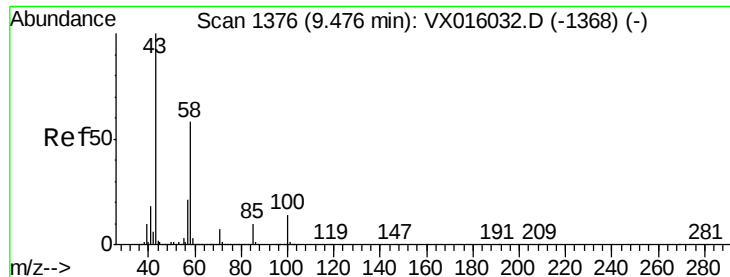
100000

0

8.20 8.30 8.40

Time-->

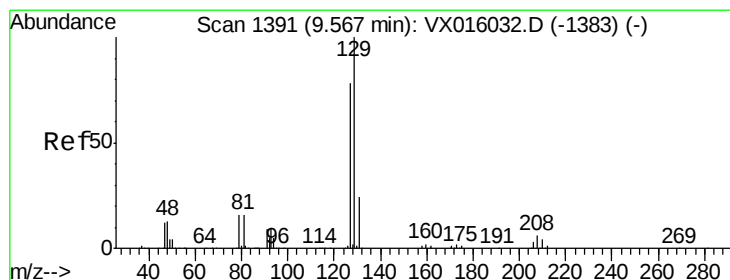
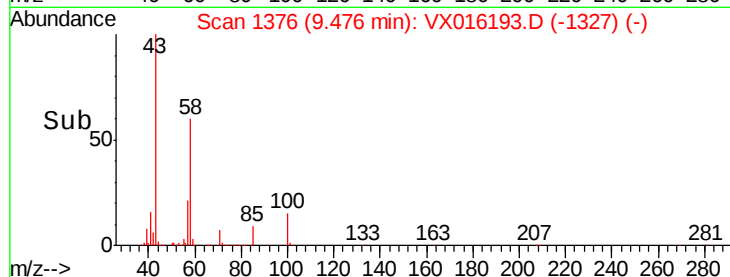
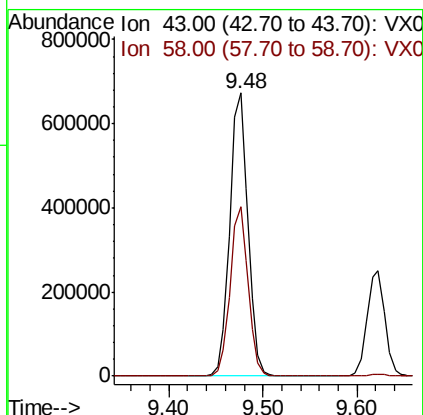
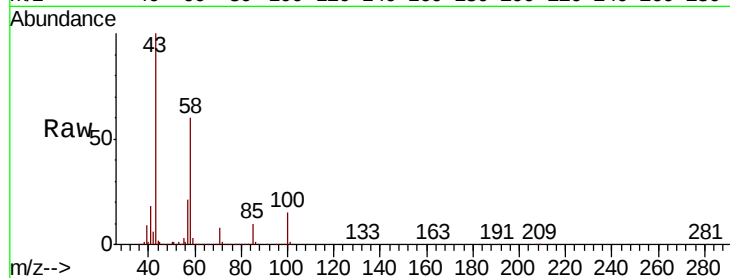




#59
2-Hexanone
Concen: 240.036 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

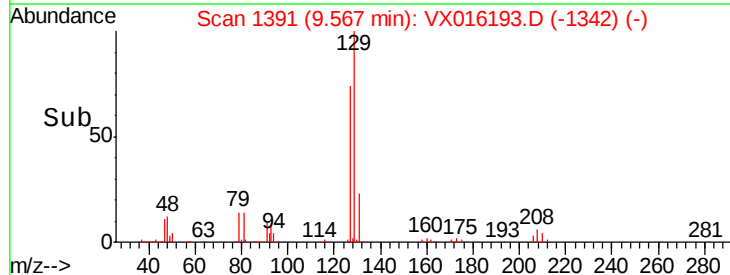
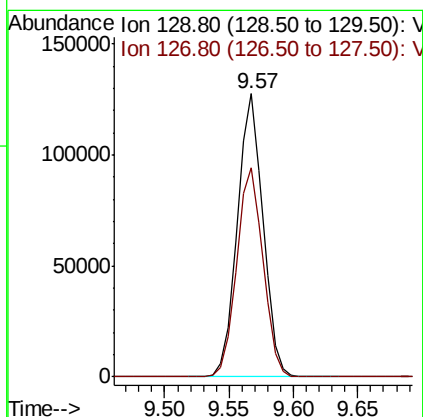
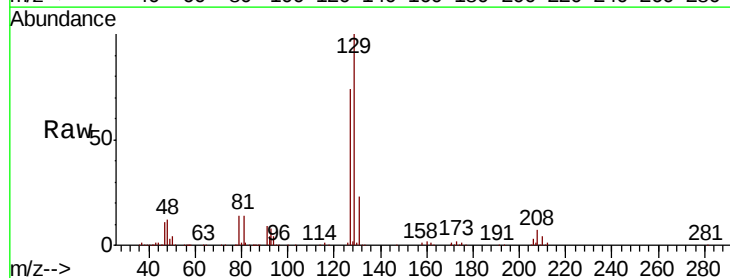
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

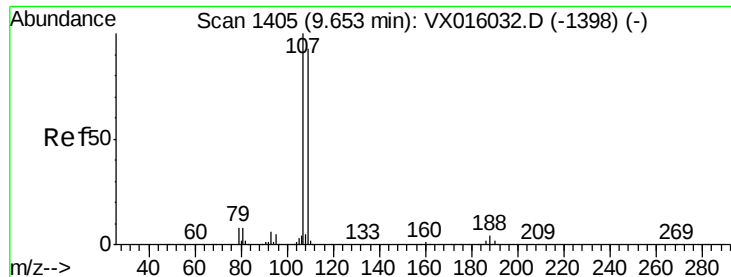
Tot Ion: 43 Resp: 901606
Ion Ratio Lower Upper
43 100
58 59.0 28.6 85.9



#60
Dibromochloromethane
Concen: 52.829 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion: 129 Resp: 176453
Ion Ratio Lower Upper
129 100
127 75.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 49.915 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

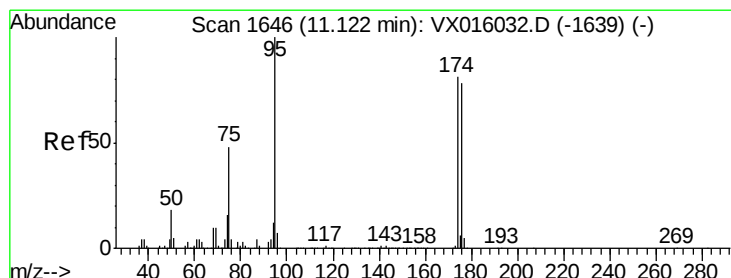
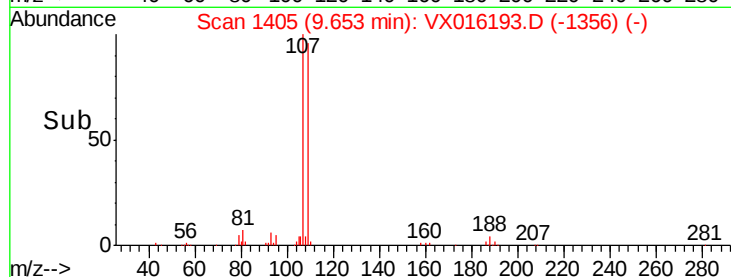
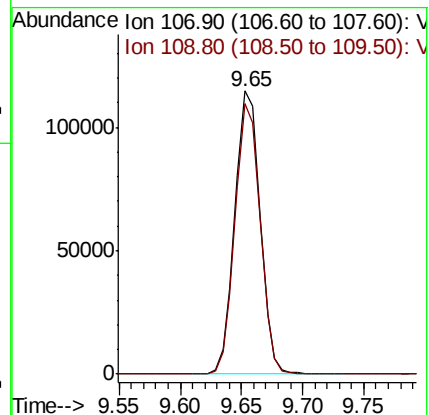
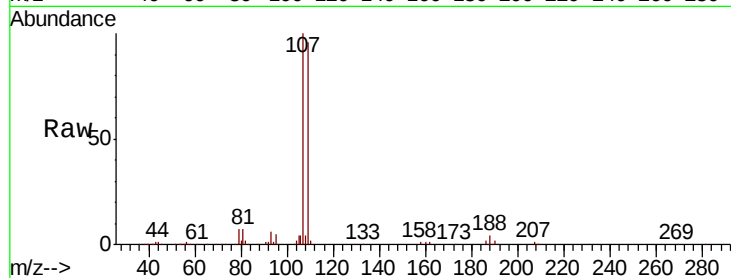
VSTDCCC050EC

Tot Ion: 107 Resp: 163970

Ion Ratio Lower Upper

107 100

109 95.0 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 48.755 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

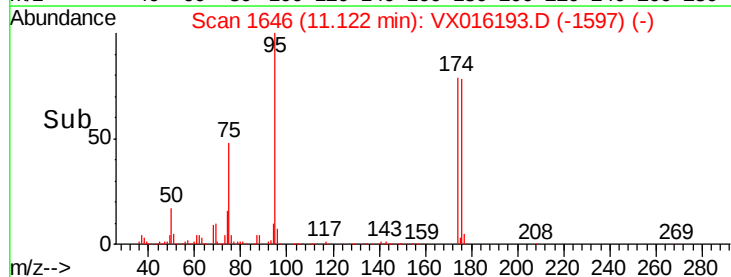
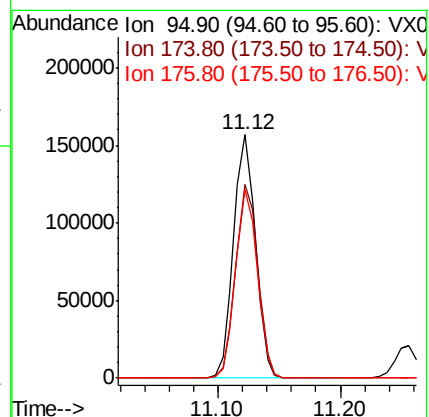
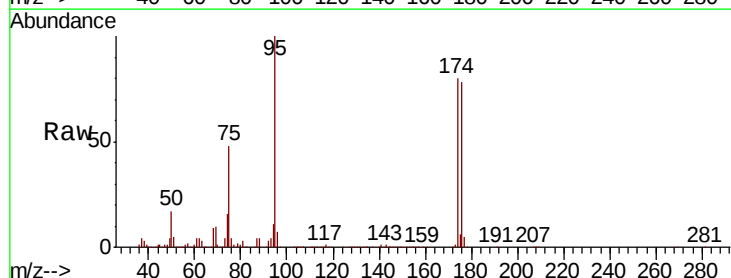
Tgt Ion: 95 Resp: 194363

Ion Ratio Lower Upper

95 100

174 80.6 0.0 159.4

176 77.2 0.0 157.6

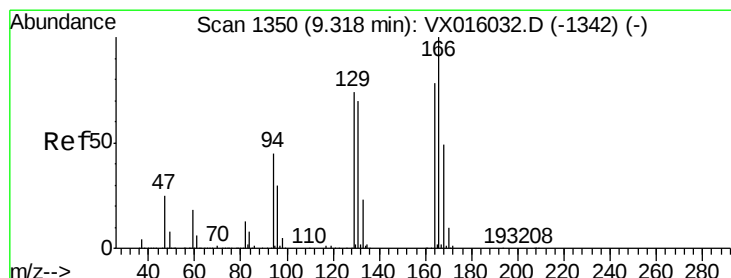
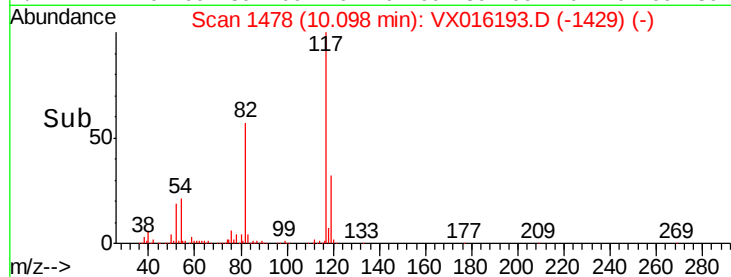
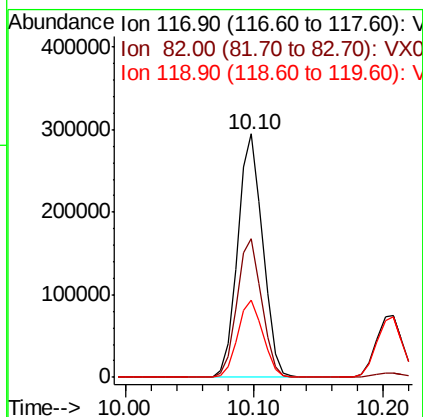
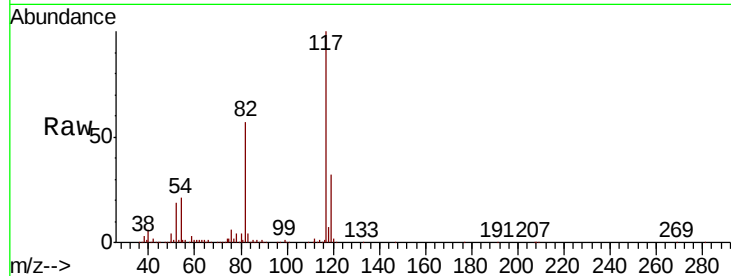




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

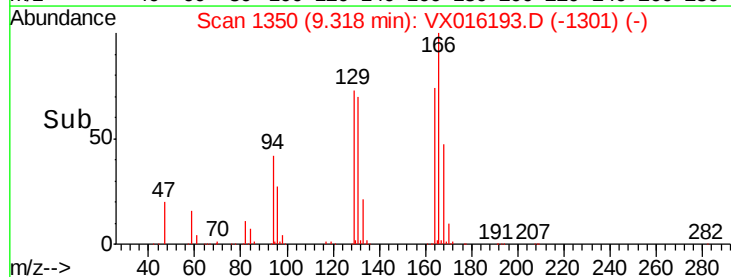
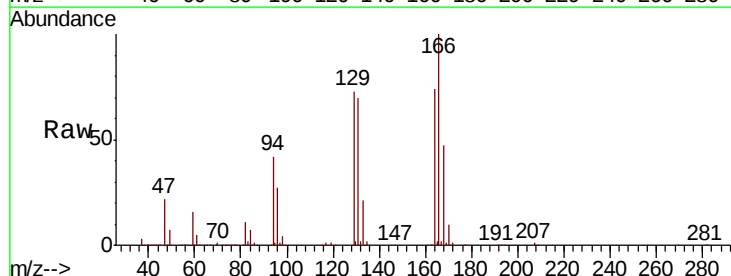
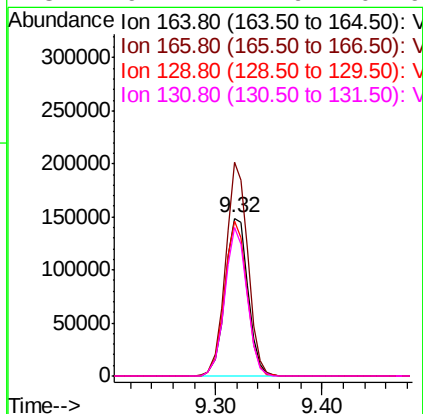
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

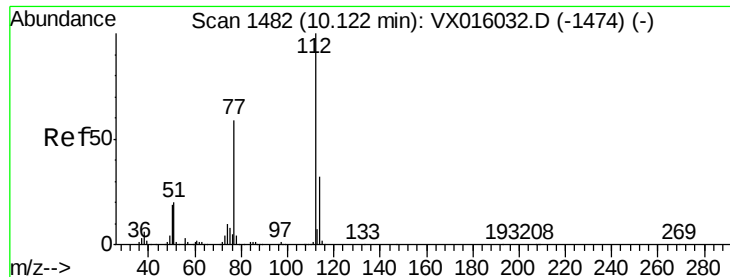
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.4	66.6
119	31.8	25.5	38.3



#64
Tetrachloroethene
Concen: 45.996 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.3	102.9	154.3
129	98.2	76.1	114.1
131	94.4	71.9	107.9

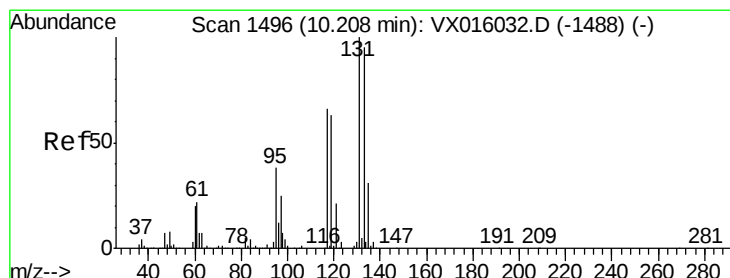
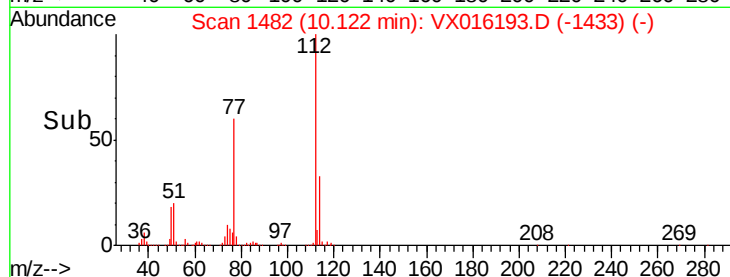
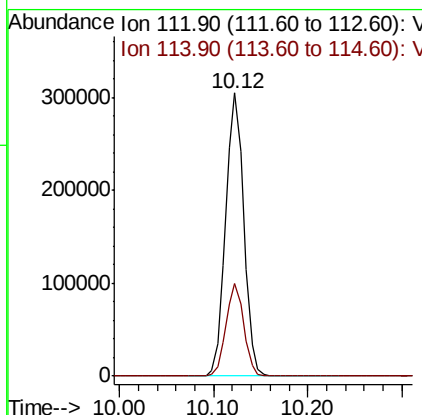
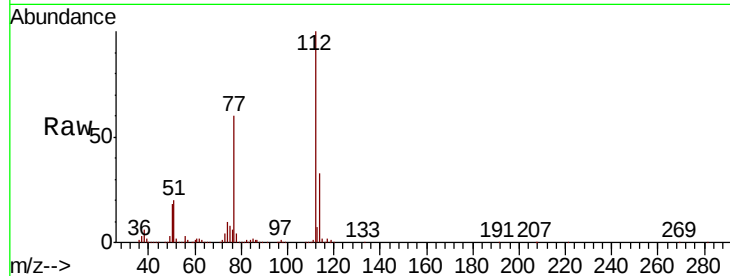




#65
Chlorobenzene
Concen: 49.143 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

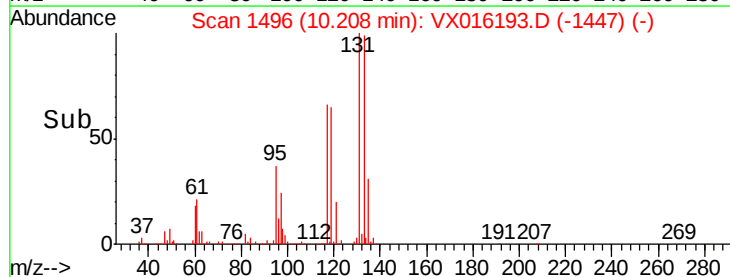
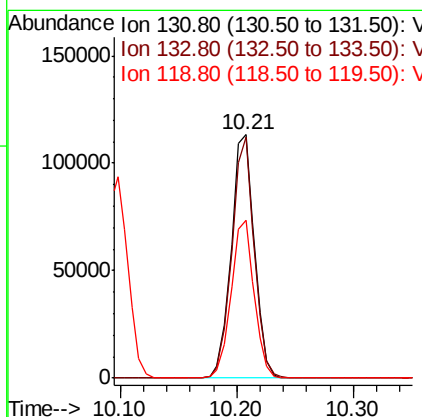
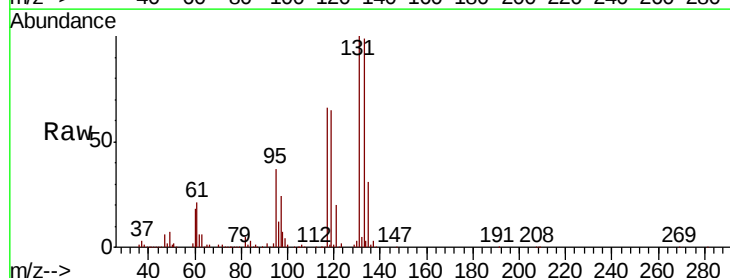
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

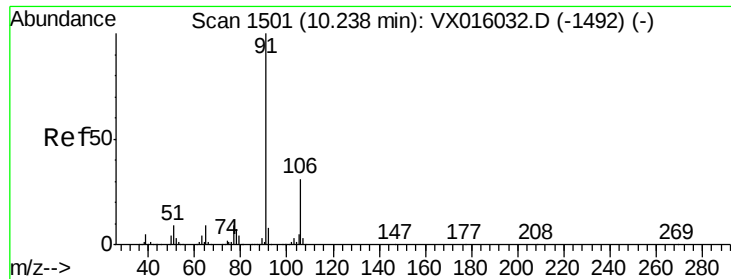
Tot Ion:112 Resp: 407826
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.197 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion:131 Resp: 157035
Ion Ratio Lower Upper
131 100
133 95.7 48.3 144.8
119 64.4 32.3 96.9

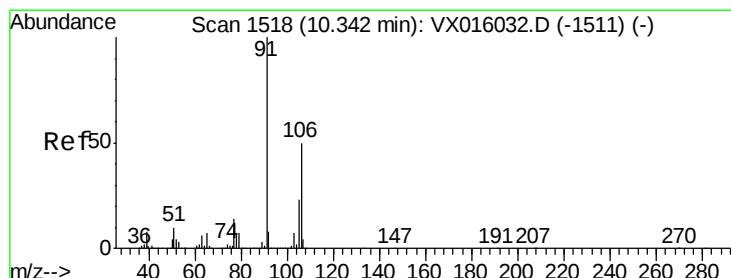
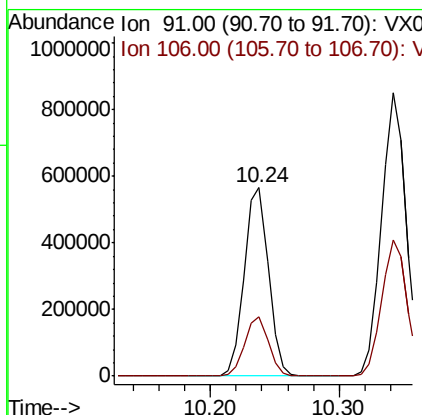
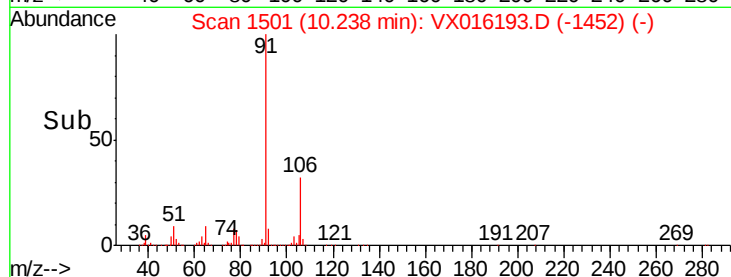
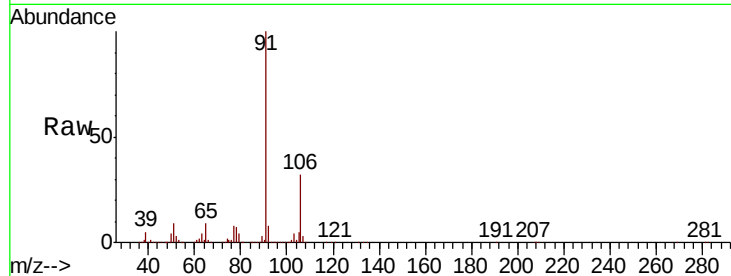




#67
Ethyl Benzene
Concen: 49.429 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

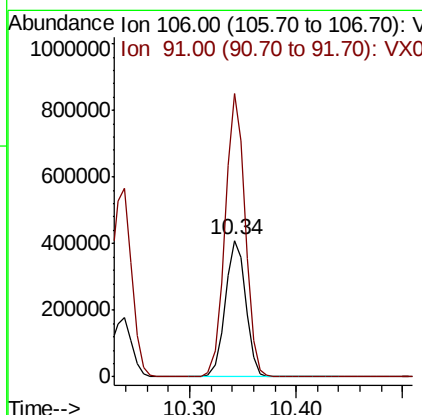
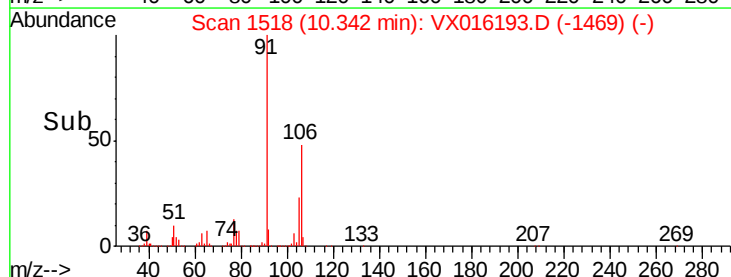
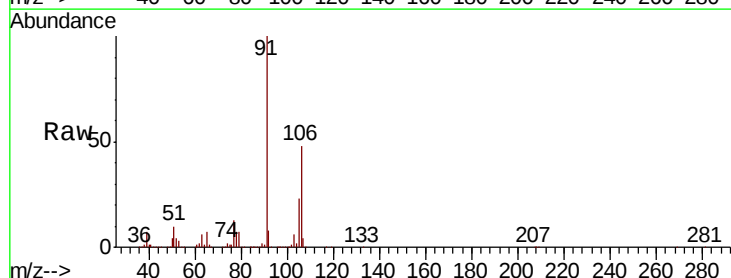
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

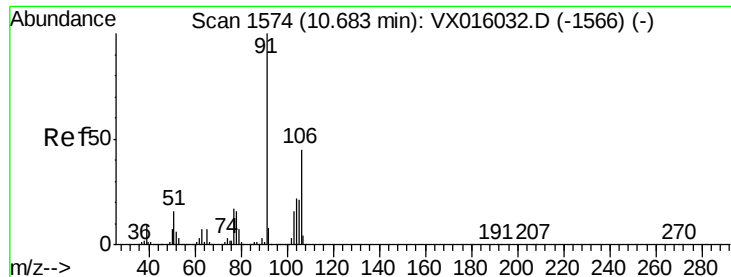
Tot Ion: 91 Resp: 731891
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7



#68
m/p-Xylenes
Concen: 99.593 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion: 106 Resp: 552505
Ion Ratio Lower Upper
106 100
91 202.9 161.7 242.5

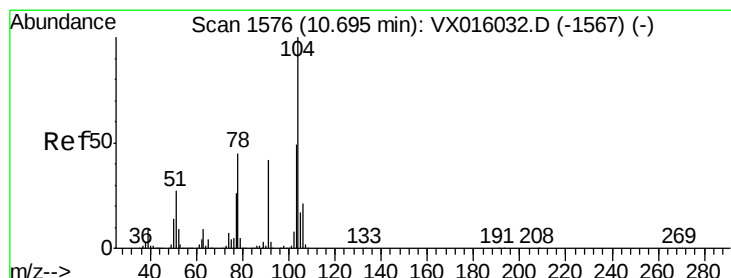
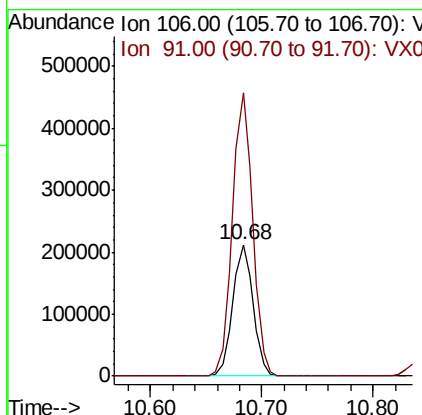
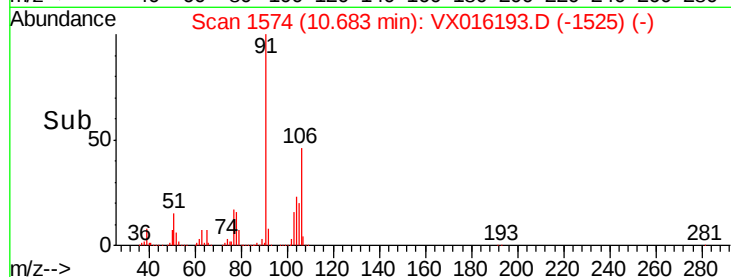
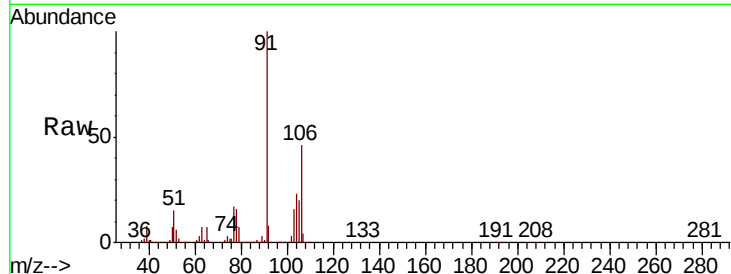




#69
o-Xylene
Concen: 50.118 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

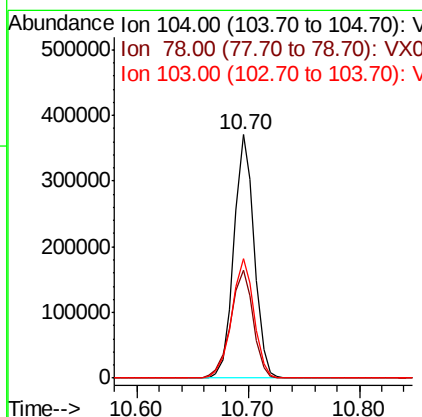
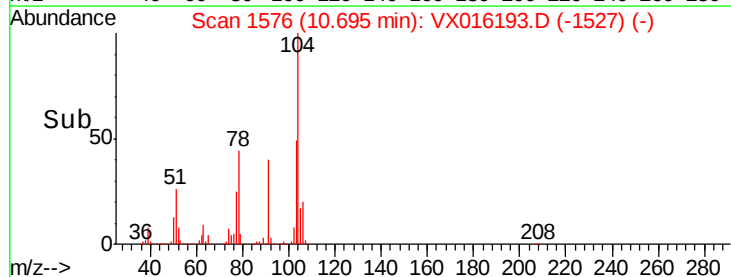
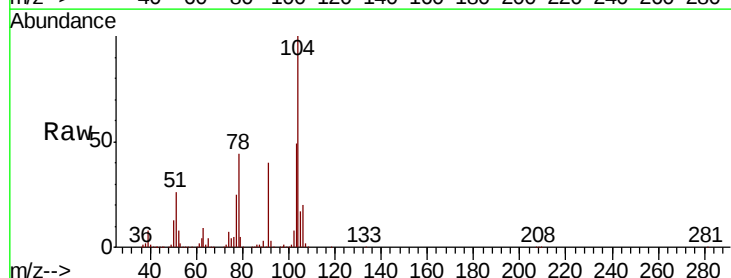
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

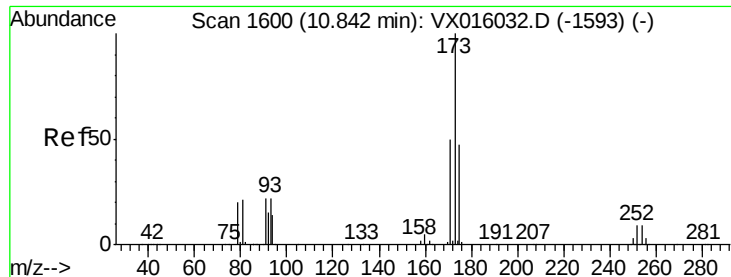
Tot Ion:106 Resp: 267257
Ion Ratio Lower Upper
106 100
91 215.5 107.5 322.6



#70
Styrene
Concen: 51.621 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion:104 Resp: 467002
Ion Ratio Lower Upper
104 100
78 49.7 40.2 60.2
103 53.7 43.0 64.6





#71

Bromoform

Concen: 53.003 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

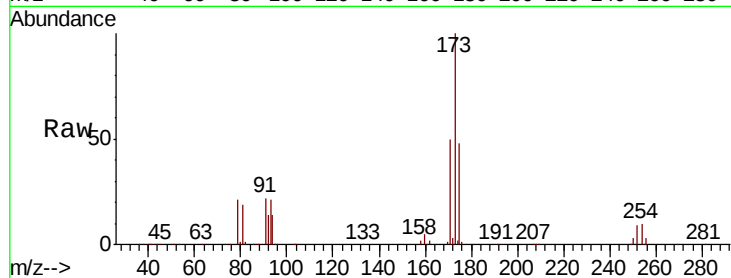
Tot Ion:173 Resp: 132455

Ion Ratio Lower Upper

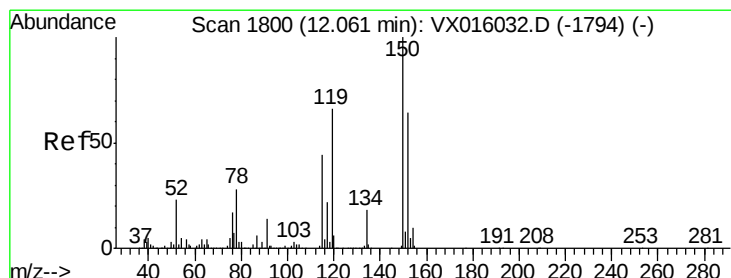
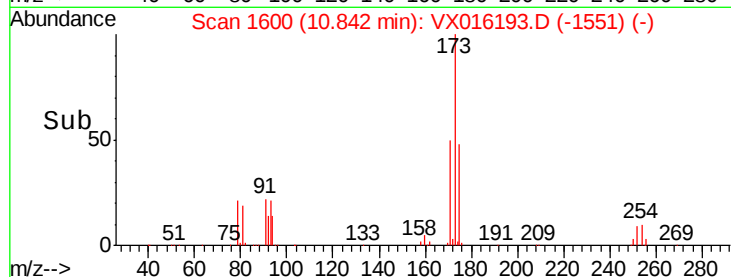
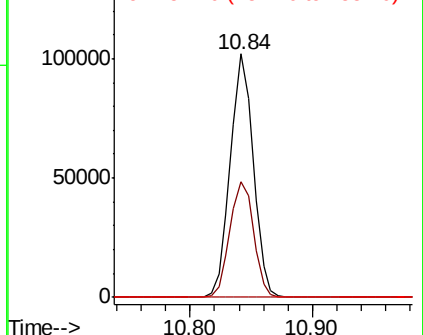
173 100

175 49.4 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: VX016193.D

Acq: 13 May 2020 20:22

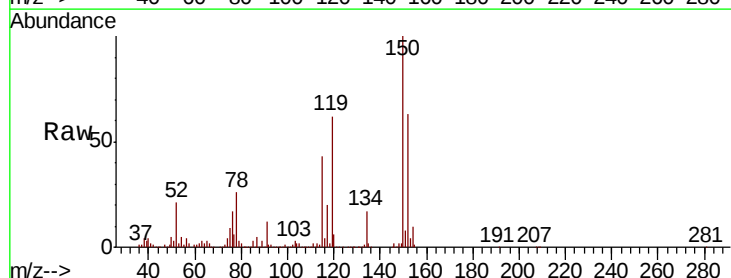
Tgt Ion:152 Resp: 211195

Ion Ratio Lower Upper

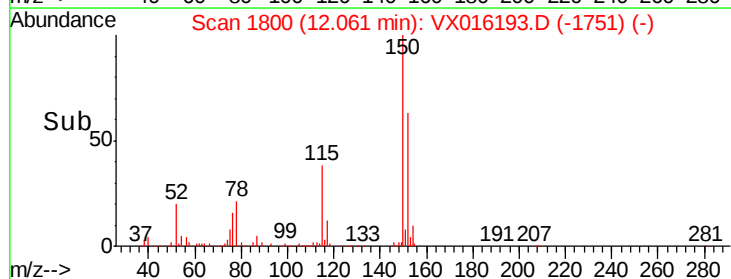
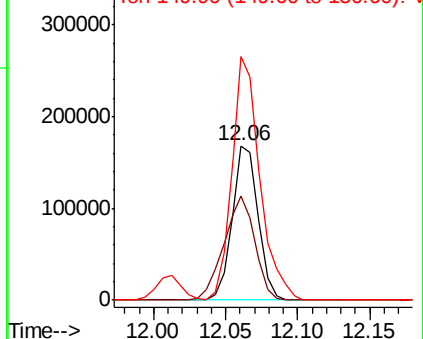
152 100

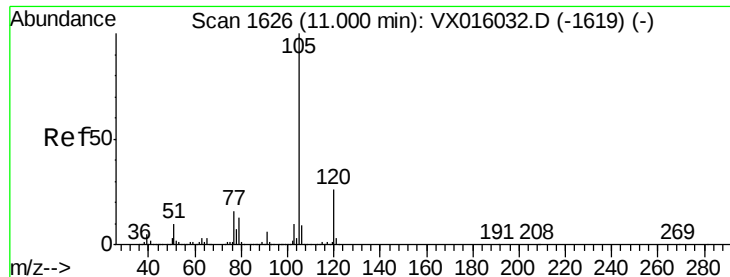
115 80.5 41.3 124.1

150 170.4 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: 46.930 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

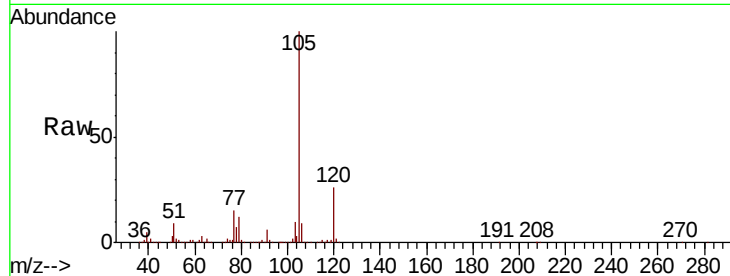
VSTDCCC050EC

Tot Ion:105 Resp: 720902

Ion Ratio Lower Upper

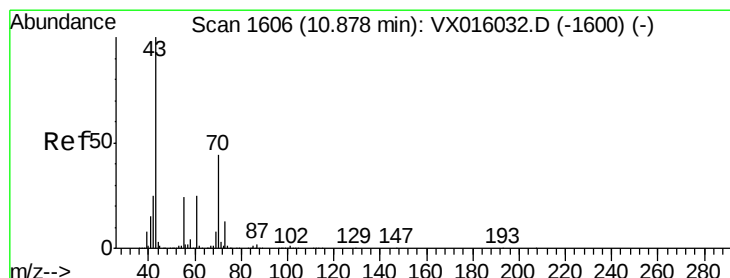
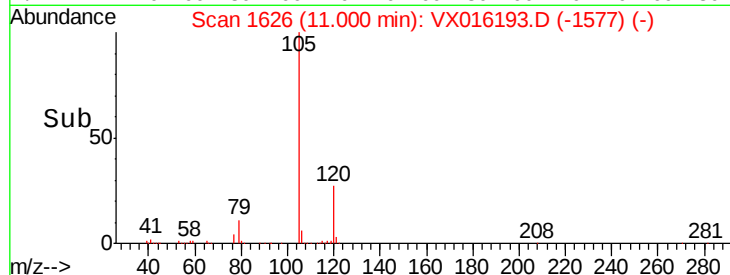
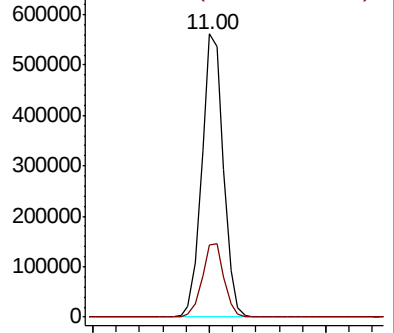
105 100

120 26.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.032 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Tgt Ion: 43 Resp: 322658

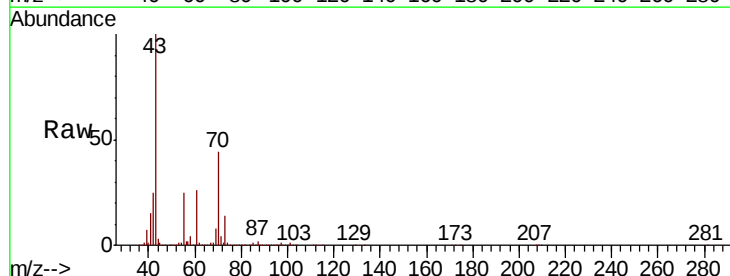
Ion Ratio Lower Upper

43 100

70 46.1 36.5 54.7

55 25.5 19.7 29.5

61 26.3 20.9 31.3

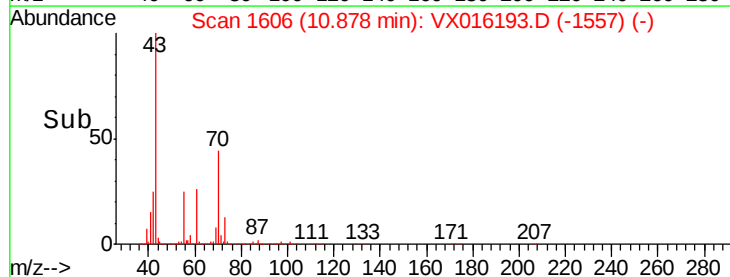
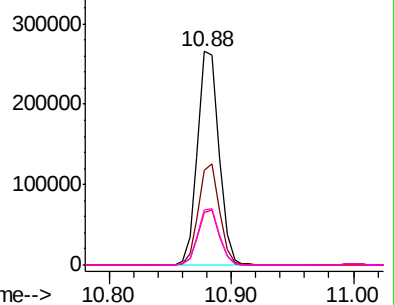


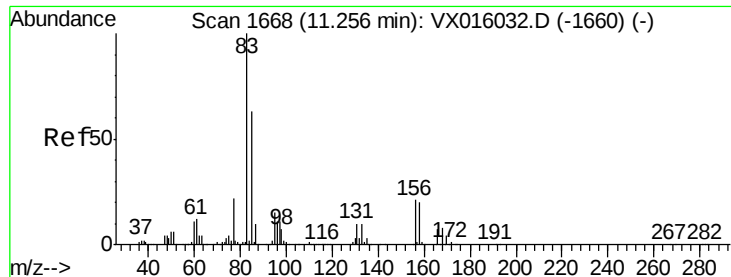
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.583 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

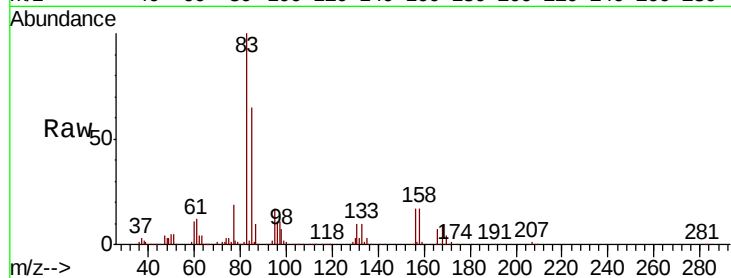
Tot Ion: 83 Resp: 166607

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

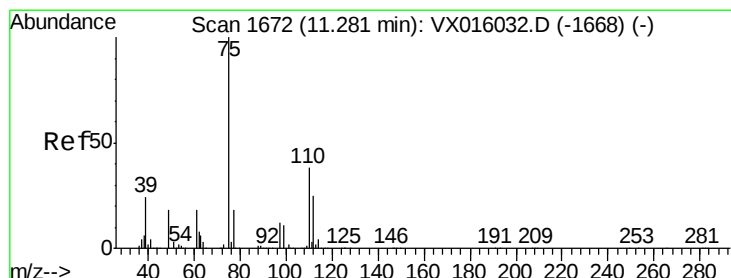
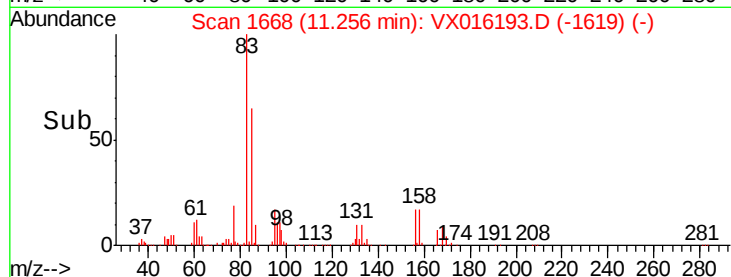
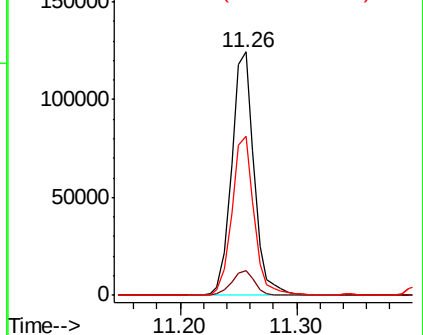
85 64.9 32.0 96.0



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: 61.843 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016193.D

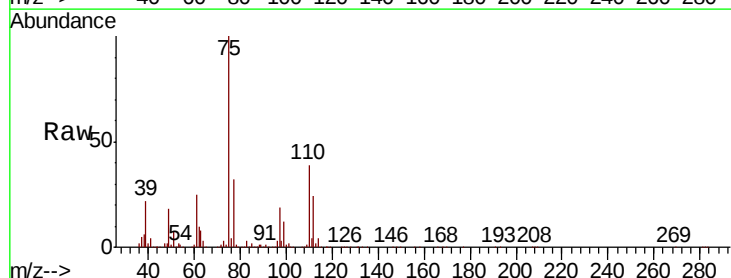
Acq: 13 May 2020 20:22

Tgt Ion: 75 Resp: 296381

Ion Ratio Lower Upper

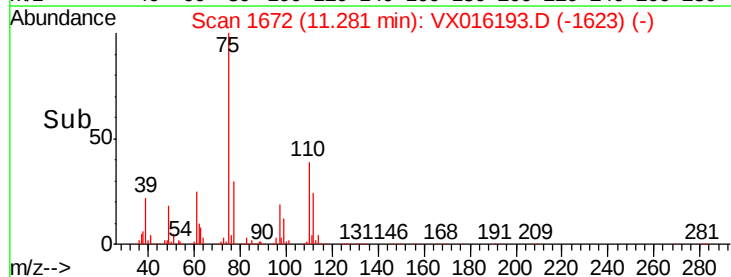
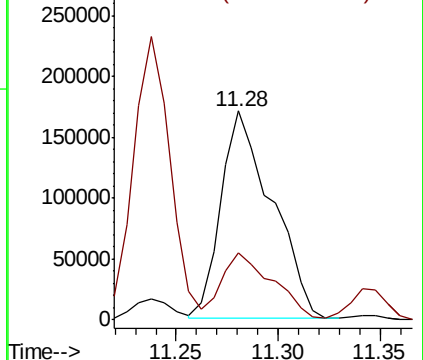
75 100

77 32.5 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.217 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

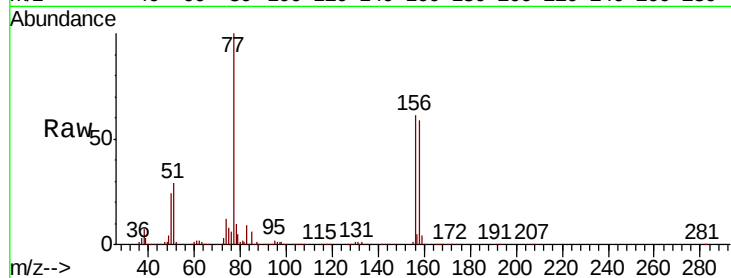
Tot Ion:156 Resp: 183248

Ion Ratio Lower Upper

156 100

77 160.1 80.1 240.3

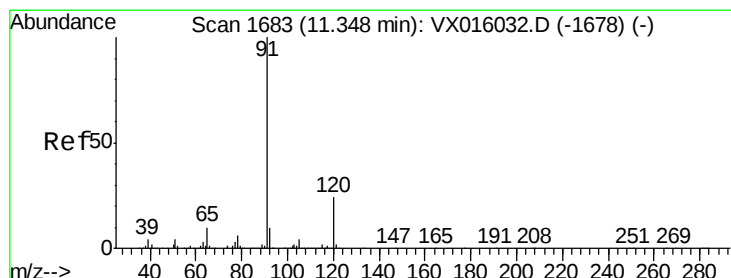
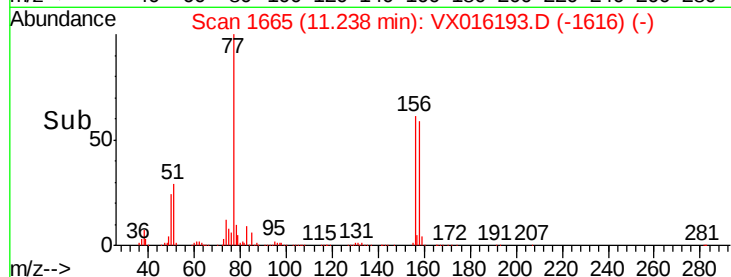
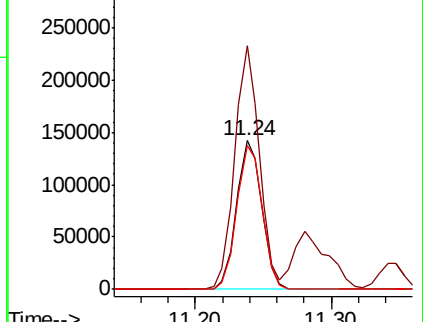
158 97.3 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.054 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016193.D

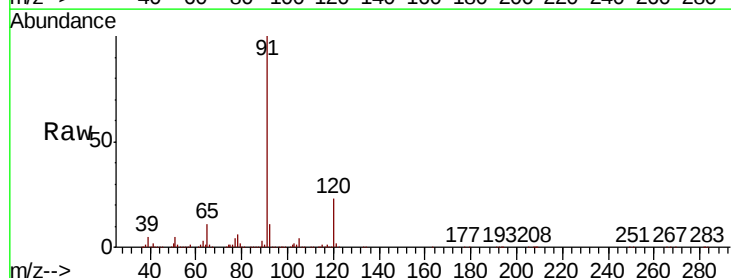
Acq: 13 May 2020 20:22

Tgt Ion: 91 Resp: 822999

Ion Ratio Lower Upper

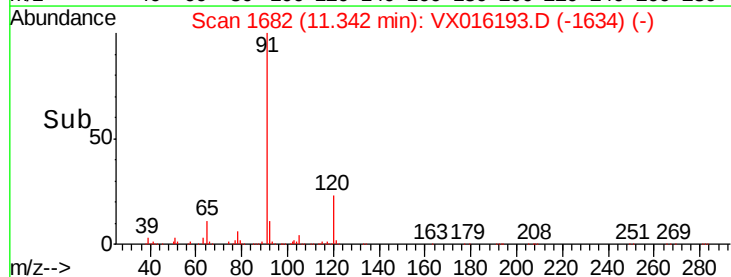
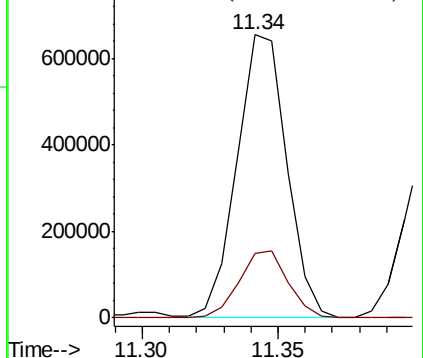
91 100

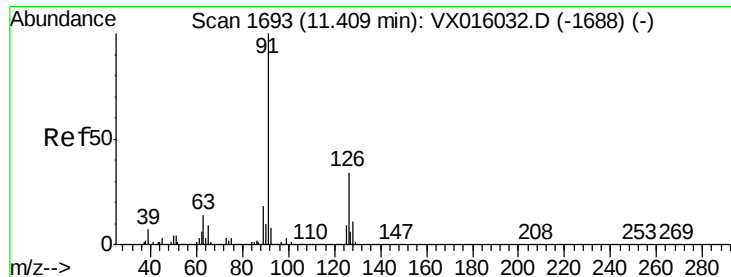
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

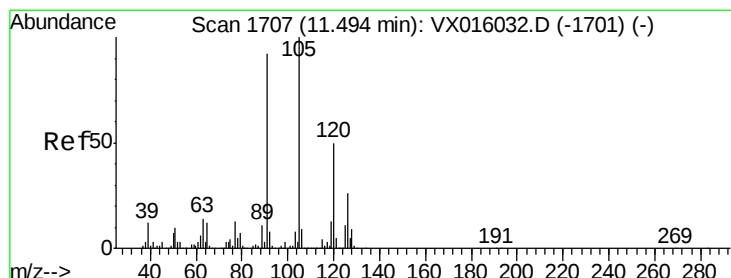
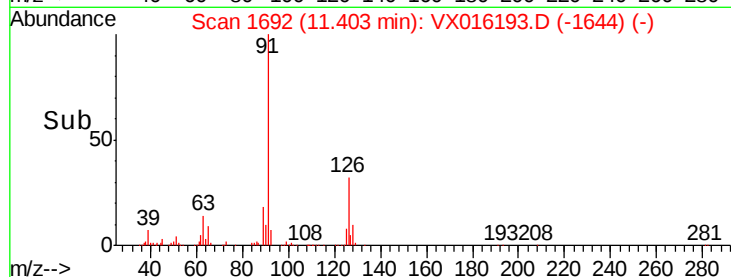
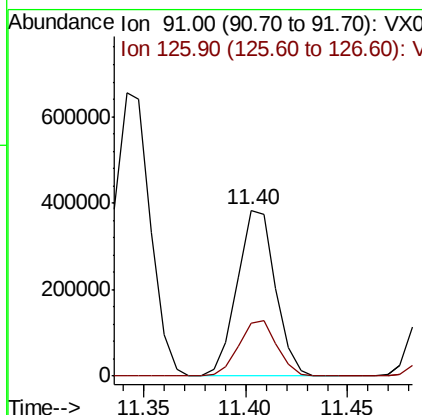
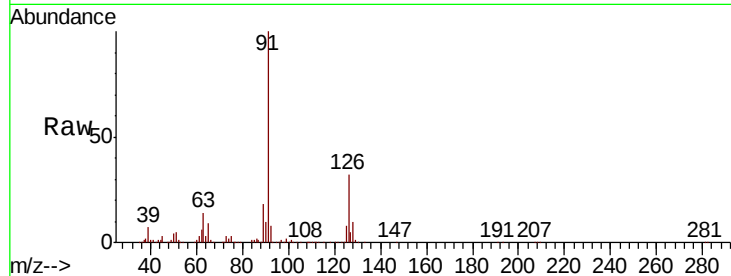




#79
2-Chlorotoluene
Concen: 46.939 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

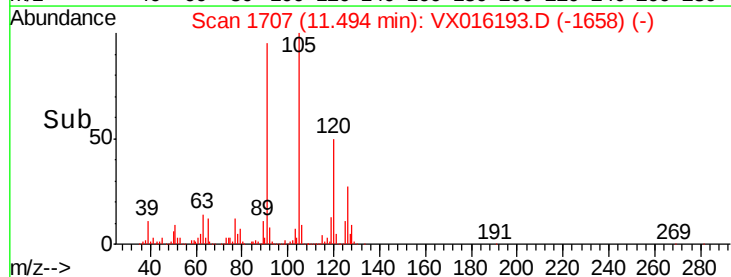
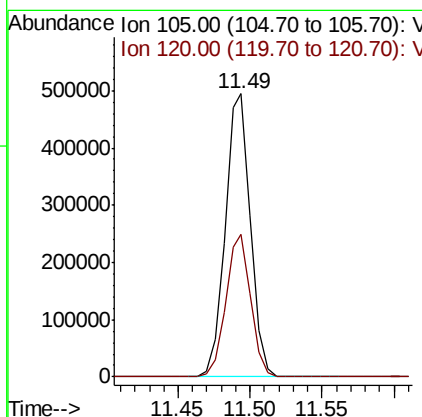
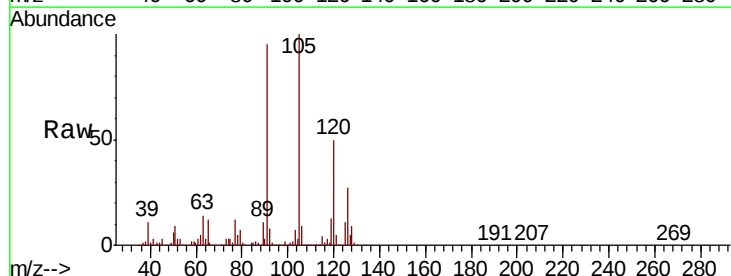
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

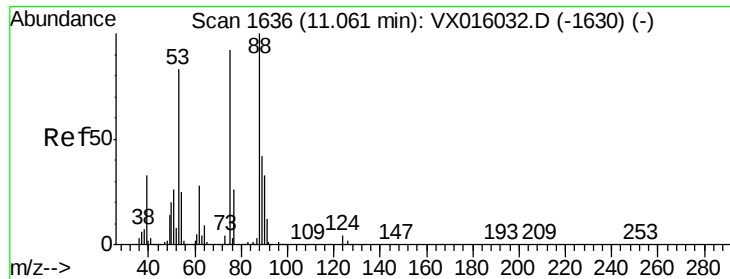
Tot Ion: 91 Resp: 495124
Ion Ratio Lower Upper
91 100
126 33.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 46.655 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion:105 Resp: 605102
Ion Ratio Lower Upper
105 100
120 49.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 44.920 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

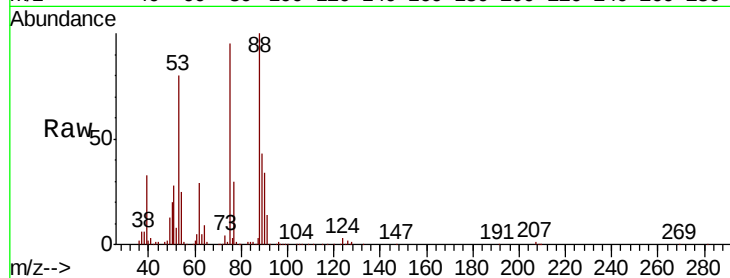
Tot Ion: 75 Resp: 90337

Ion Ratio Lower Upper

75 100

53 85.9 73.1 109.7

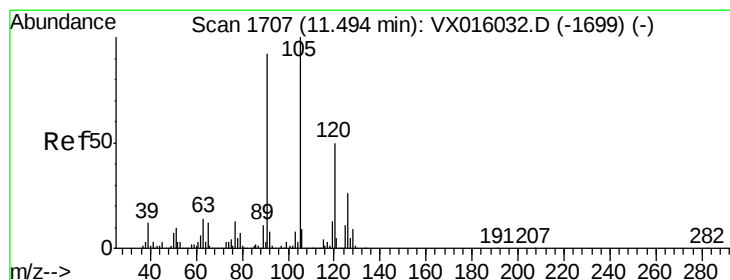
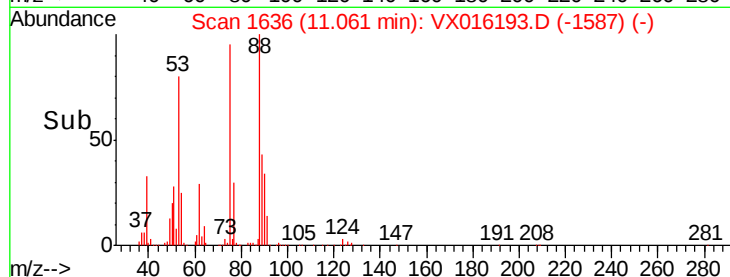
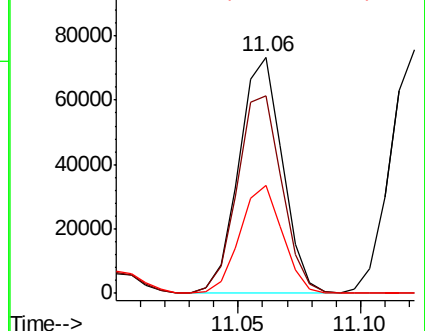
89 45.1 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.772 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016193.D

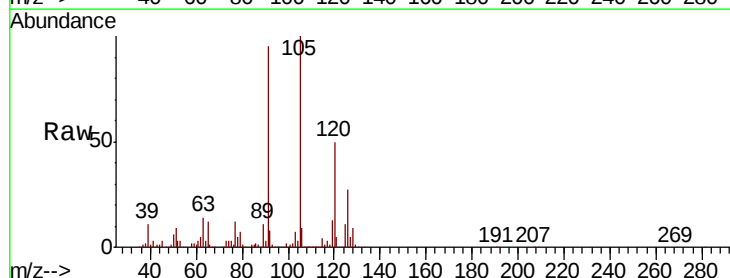
Acq: 13 May 2020 20:22

Tgt Ion: 91 Resp: 582607

Ion Ratio Lower Upper

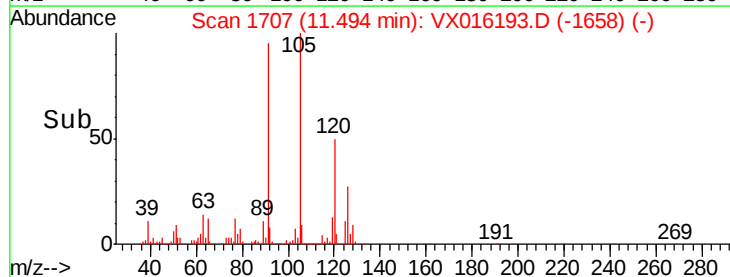
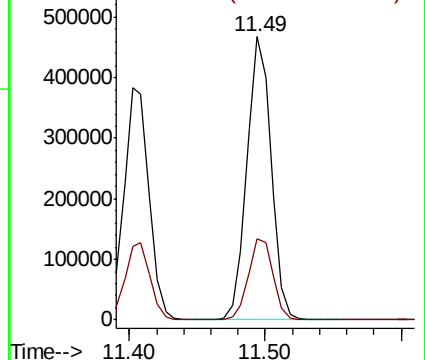
91 100

126 29.4 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

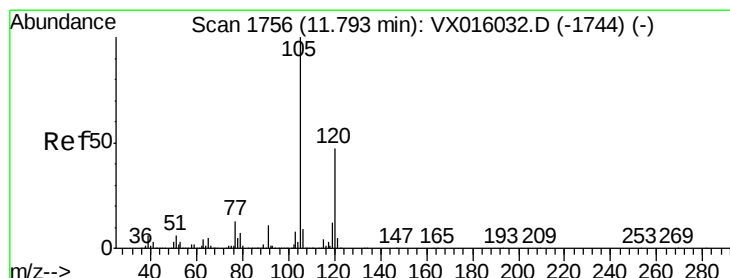
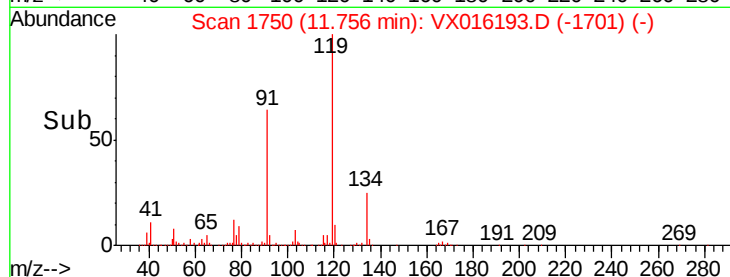
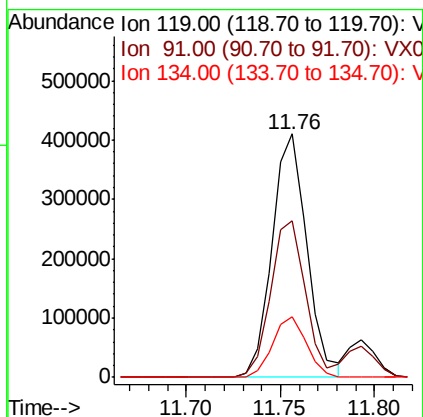
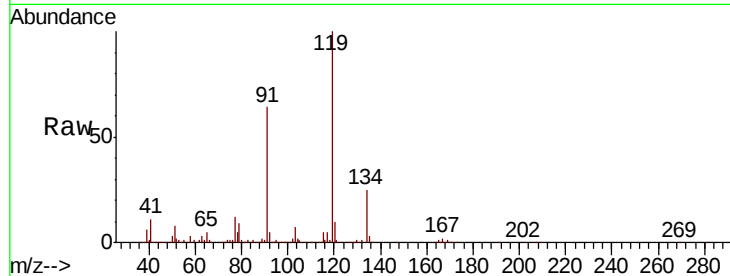




#83
tert-Butylbenzene
Concen: 47.010 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

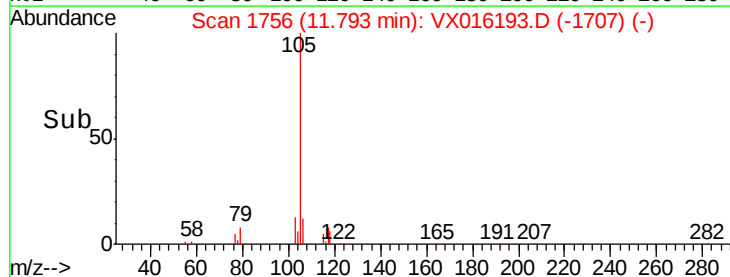
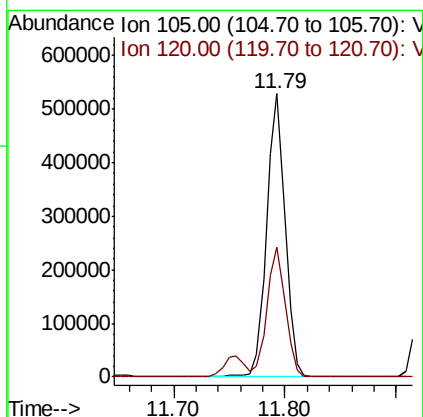
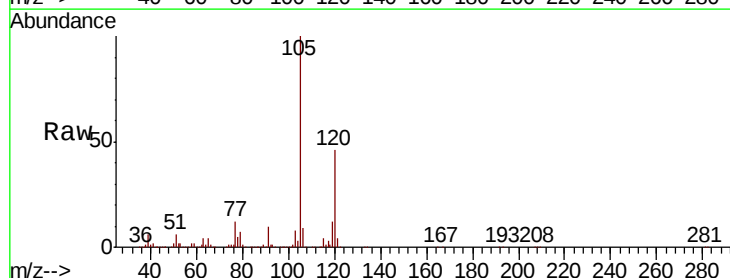
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

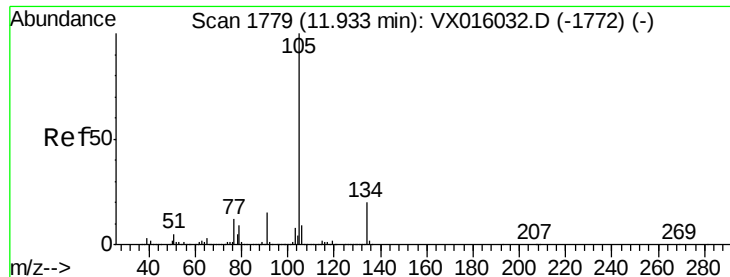
Tot Ion:119 Resp: 525452
Ion Ratio Lower Upper
119 100
91 63.9 32.8 98.4
134 24.3 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 47.210 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion:105 Resp: 619035
Ion Ratio Lower Upper
105 100
120 45.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 45.111 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

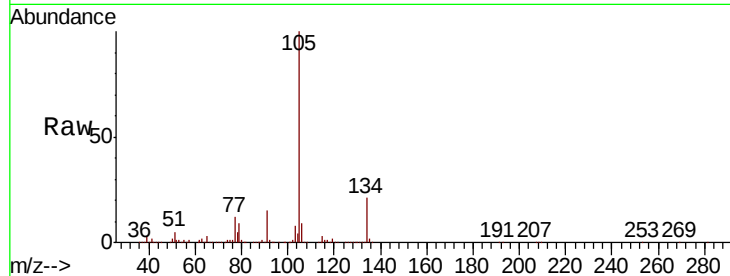
VSTDCCC050EC

Tot Ion:105 Resp: 680796

Ion Ratio Lower Upper

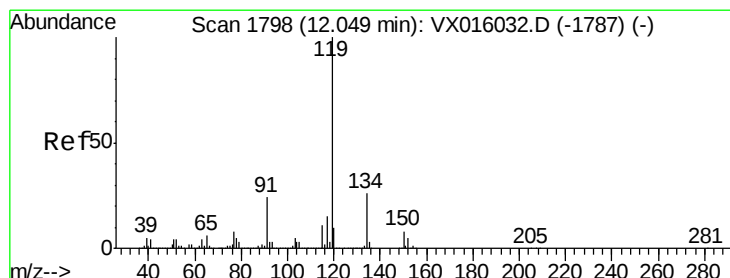
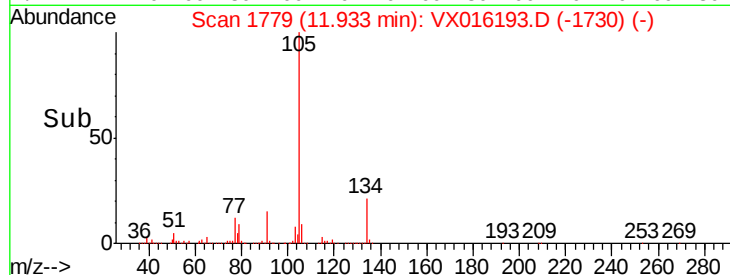
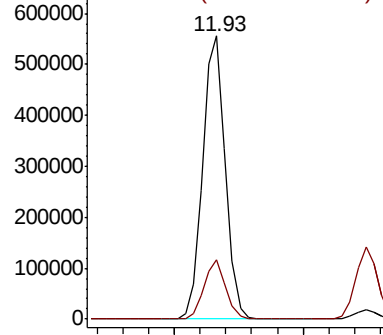
105 100

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



#86

p-Isopropyltoluene

Concen: 45.723 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

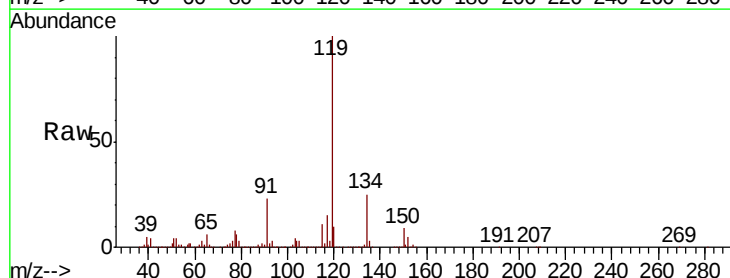
Tgt Ion:119 Resp: 640650

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

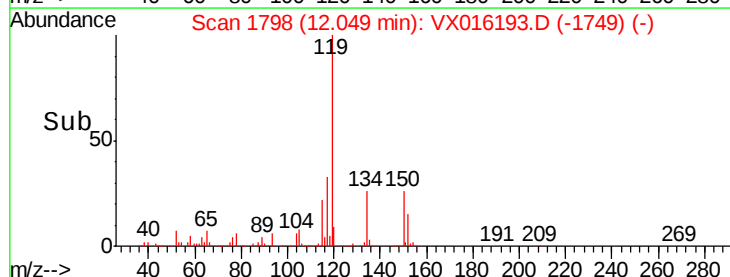
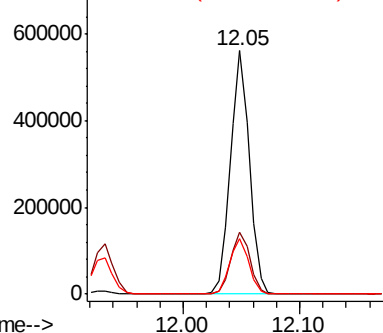
91 22.9 11.8 35.4

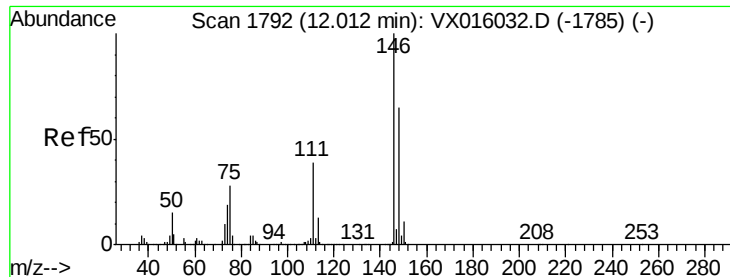


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 46.725 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

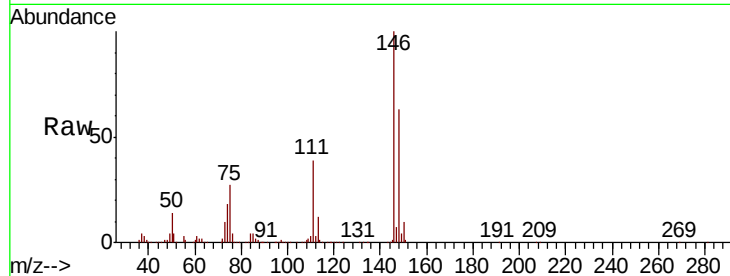
Tot Ion:146 Resp: 332644

Ion Ratio Lower Upper

146 100

111 39.8 20.2 60.6

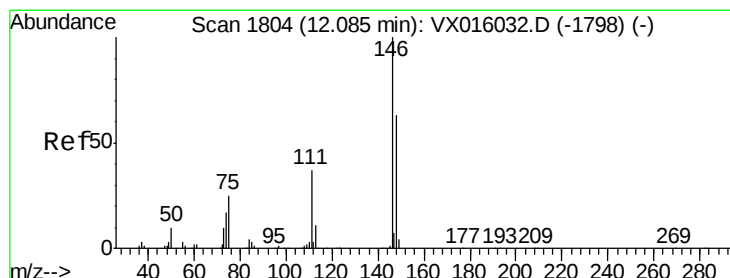
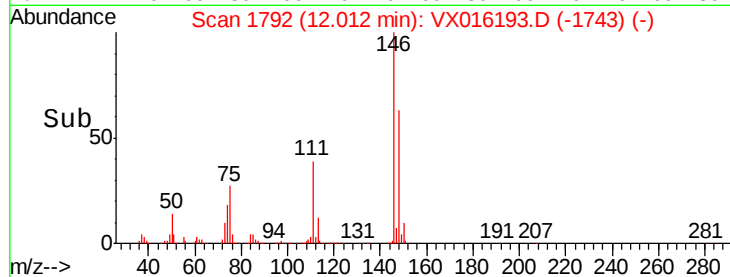
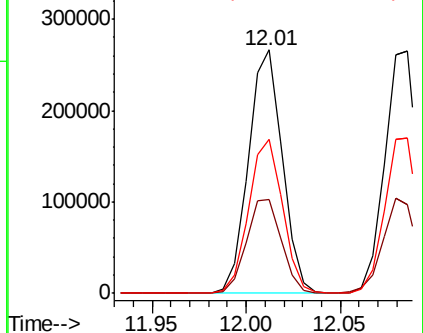
148 63.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.196 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

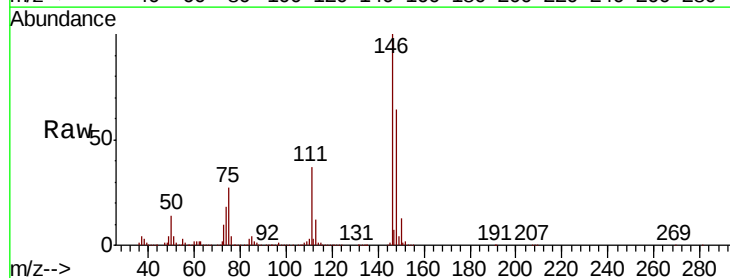
Tgt Ion:146 Resp: 333801

Ion Ratio Lower Upper

146 100

111 39.0 19.6 58.7

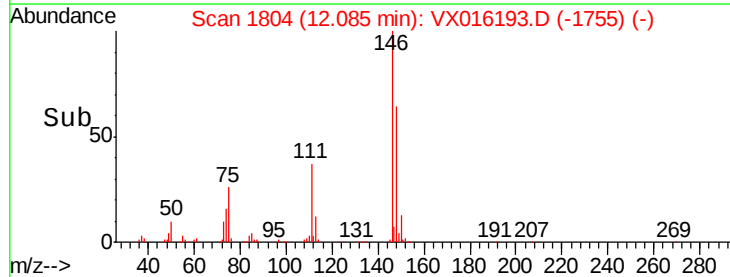
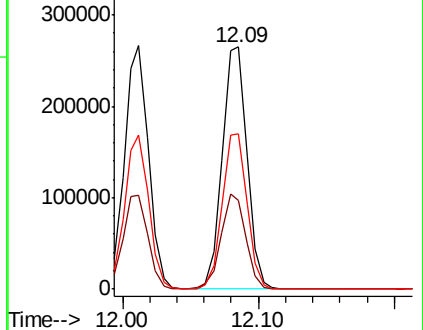
148 64.0 31.8 95.3

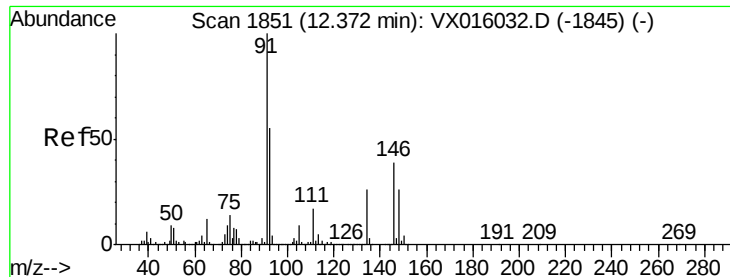


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 42.892 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

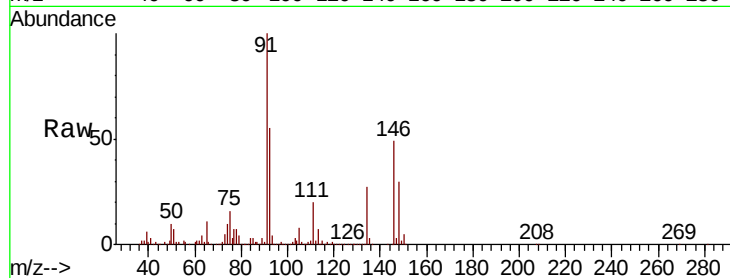
Tot Ion: 91 Resp: 549039

Ion Ratio Lower Upper

91 100

92 54.6 27.6 82.7

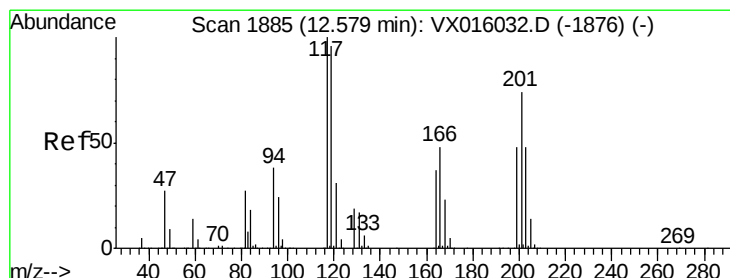
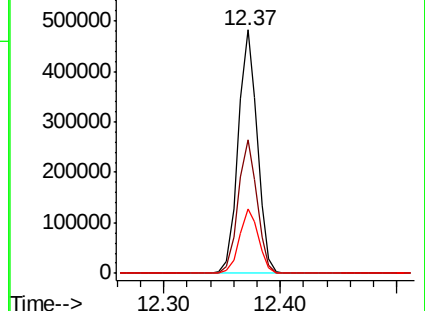
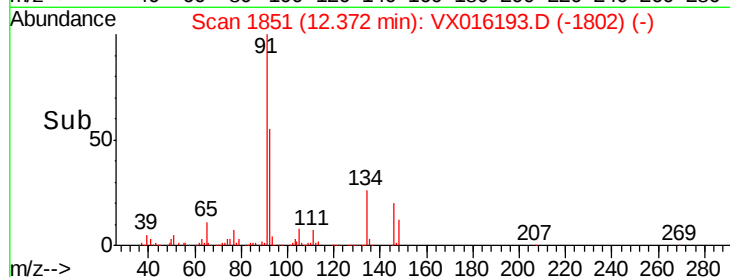
134 26.5 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX016193.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX016193.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX016193.D (-1802) (-)



#90

Hexachloroethane

Concen: 46.878 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016193.D

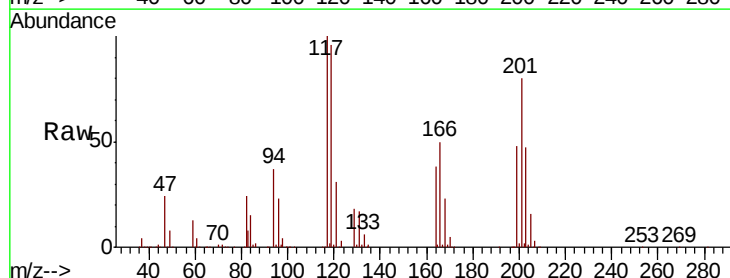
Acq: 13 May 2020 20:22

Tgt Ion: 117 Resp: 112806

Ion Ratio Lower Upper

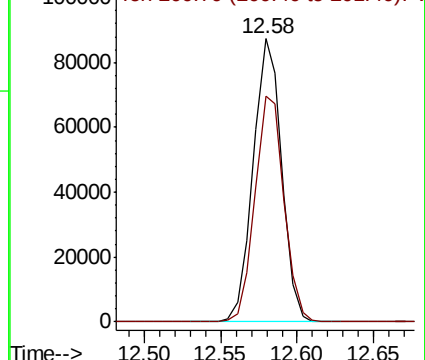
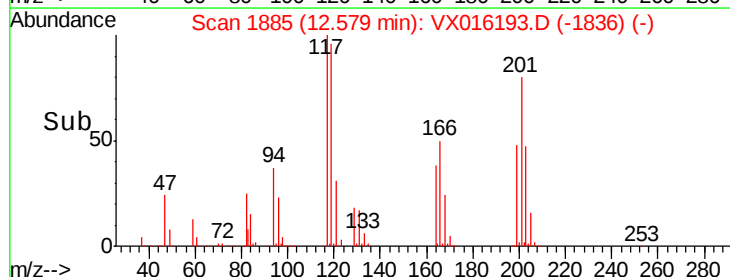
117 100

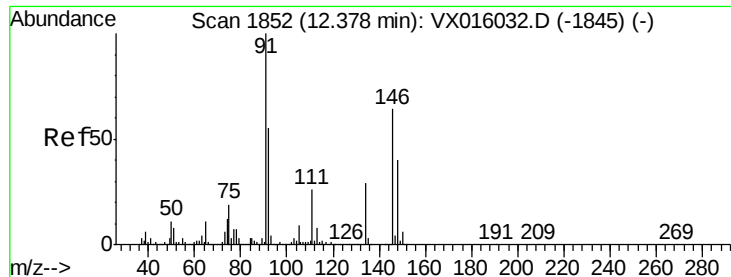
201 81.7 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): VX016193.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX016193.D (-1836) (-)





#91

1,2-Dichlorobenzene

Concen: 46.681 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

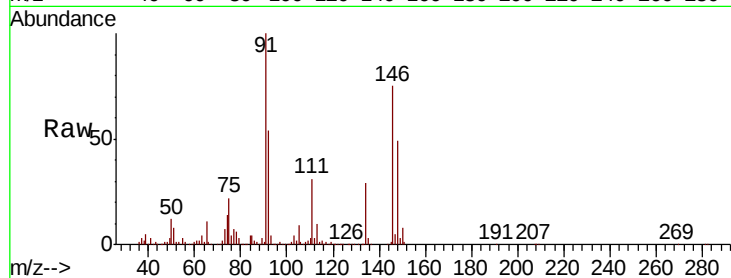
Tot Ion:146 Resp: 320001

Ion Ratio Lower Upper

146 100

111 41.5 21.1 63.1

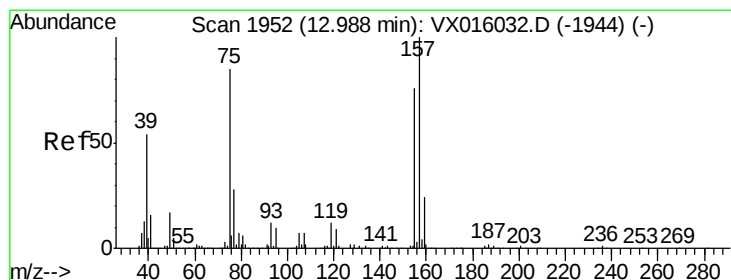
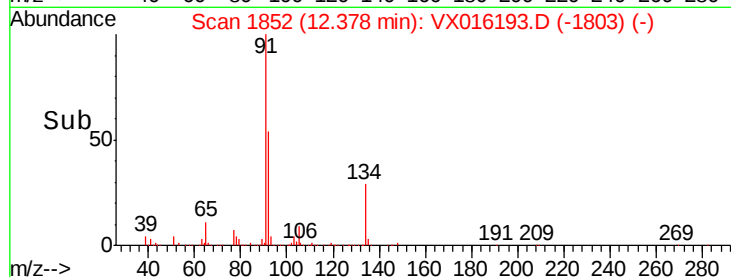
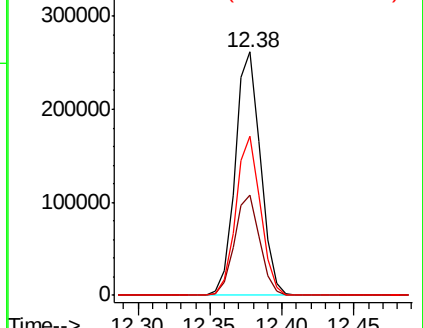
148 64.0 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.380 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016193.D

Acq: 13 May 2020 20:22

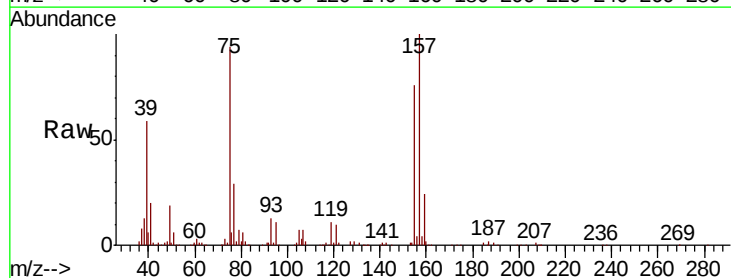
Tgt Ion: 75 Resp: 56056

Ion Ratio Lower Upper

75 100

155 88.5 42.5 127.5

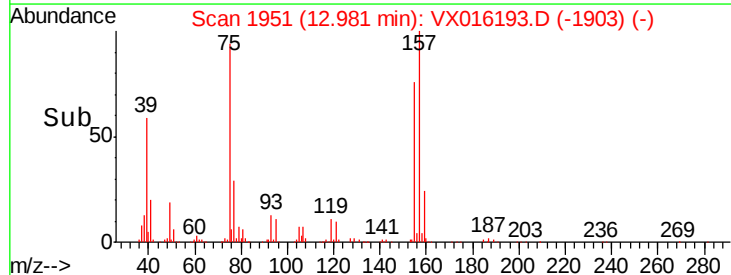
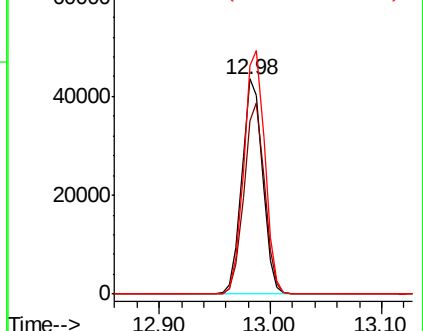
157 114.4 55.3 165.8



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

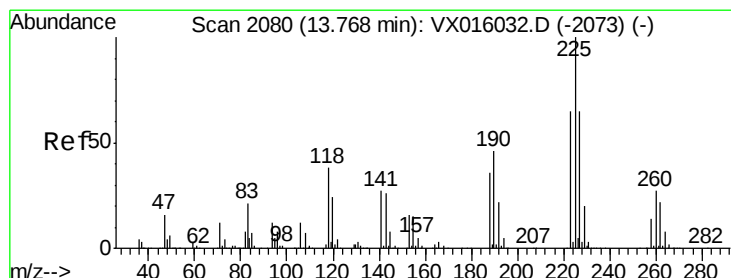
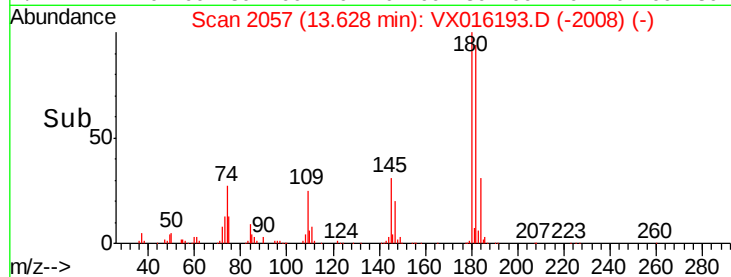
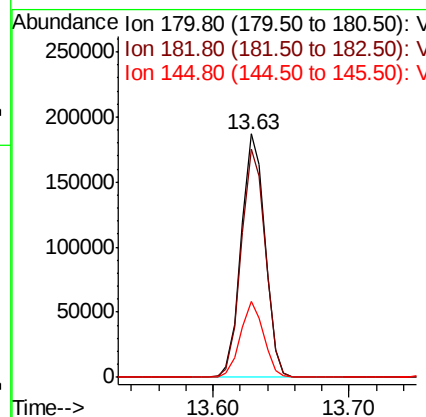
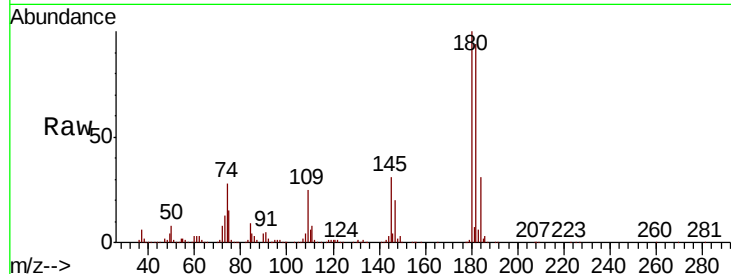




#93
 1,2,4-Trichlorobenzene
 Concen: 44.820 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

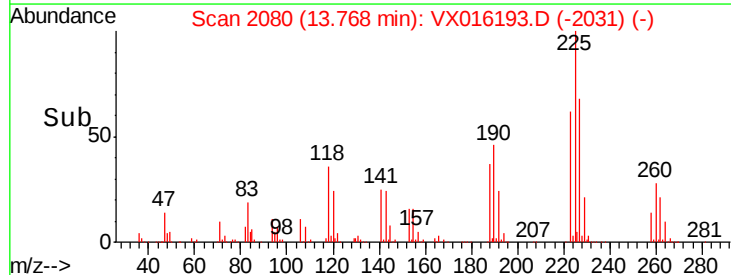
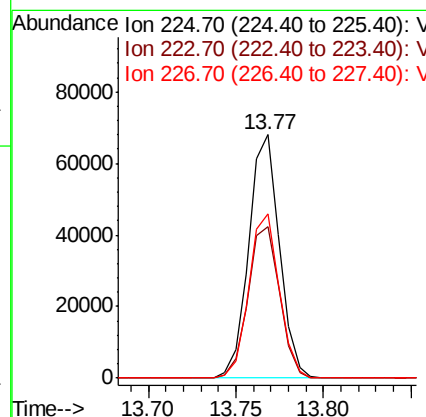
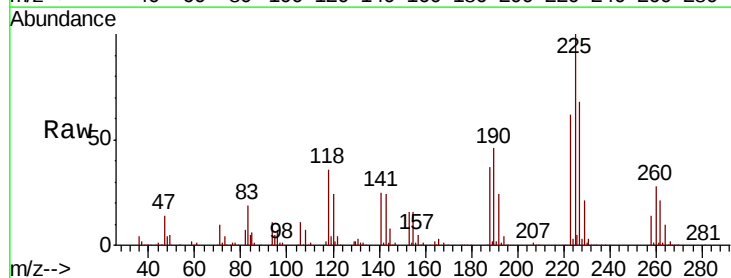
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.7	146.1
145	30.3	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 37.958 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016193.D
 Acq: 13 May 2020 20:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	32.3	96.9
227	67.1	31.8	95.4

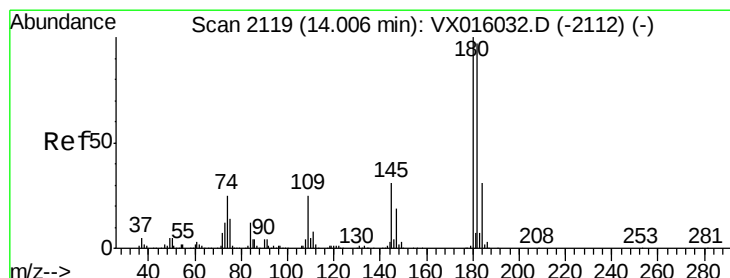
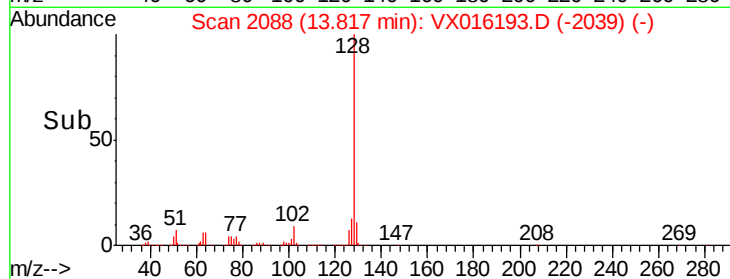
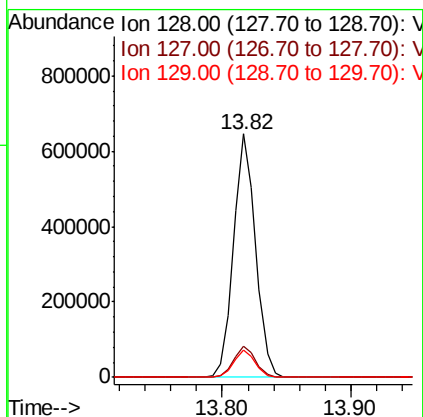
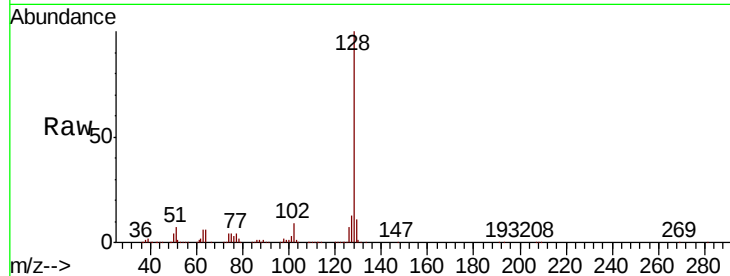




#95
Naphthalene
Concen: 46.887 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 770518
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.034 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX016193.D
Acq: 13 May 2020 20:22

Tgt Ion:180 Resp: 228335
Ion Ratio Lower Upper
180 100
182 91.7 48.4 145.0
145 31.8 16.4 49.1

