

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091720\
 Data File : VX018459.D
 Acq On : 17 Sep 2020 10:44
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 17 11:54:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 11:50:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	556215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	903545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	842547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	422164	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	163736	21.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.60%	
35) Dibromofluoromethane	5.46	113	129684	21.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.44%	
50) Toluene-d8	8.70	98	463375	20.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.80%	
62) 4-Bromofluorobenzene	11.12	95	180871	20.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.46%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	105971	16.312	ug/l 95
3) Chloromethane	1.31	50	120881	17.394	ug/l 98
4) Vinyl Chloride	1.39	62	125861	18.030	ug/l 98
5) Bromomethane	1.64	94	87770	24.721	ug/l 94
6) Chloroethane	1.71	64	75038	19.800	ug/l 100
7) Trichlorofluoromethane	1.92	101	191136	19.763	ug/l 96
8) Diethyl Ether	2.17	74	66529	20.229	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	99030	18.852	ug/l 97
10) Methyl Iodide	2.50	142	101852	19.857	ug/l 98
11) Tert butyl alcohol	3.01	59	129840	88.011	ug/l 98
12) 1,1-Dichloroethene	2.35	96	99263	18.286	ug/l 97
13) Acrolein	2.27	56	84040	125.779	ug/l 98
14) Allyl chloride	2.71	41	196980	20.085	ug/l 97
15) Acrylonitrile	3.12	53	317783	93.601	ug/l 98
16) Acetone	2.42	43	283769	94.110	ug/l 94
17) Carbon Disulfide	2.56	76	302324	18.375	ug/l 99
18) Methyl Acetate	2.75	43	142308	19.536	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	369675	19.794	ug/l 99
20) Methylene Chloride	2.84	84	120492	17.755	ug/l 96
21) trans-1,2-Dichloroethene	3.15	96	119528	19.777	ug/l 98
22) Diisopropyl ether	3.82	45	389276	20.191	ug/l 97
23) Vinyl Acetate	3.79	43	1711277	99.798	ug/l 100
24) 1,1-Dichloroethane	3.67	63	217139	19.829	ug/l 98
25) 2-Butanone	4.64	43	461109	93.913	ug/l 96
26) 2,2-Dichloropropane	4.56	77	195673	21.457	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	133140	19.137	ug/l 100
28) Bromochloromethane	4.98	49	105108	19.809	ug/l 98
29) Tetrahydrofuran	5.09	42	292924	93.976	ug/l 99
30) Chloroform	5.18	83	219376	19.335	ug/l 97
31) Cyclohexane	5.56	56	183433	19.788	ug/l 99
32) 1,1,1-Trichloroethane	5.47	97	208245	19.899	ug/l 99
36) 1,1-Dichloropropene	5.77	75	166269	19.845	ug/l 99
37) Ethyl Acetate	4.79	43	183750	19.011	ug/l 99
38) Carbon Tetrachloride	5.76	117	184559	19.516	ug/l 94

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 VSTDIC020

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 11:50:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	180983	19.676	ug/l	100
40) Benzene	6.11	78	472714	19.249	ug/l	99
41) Methacrylonitrile	5.00	41	97140	18.337	ug/l	99
42) 1,2-Dichloroethane	6.17	62	184676	19.566	ug/l	99
43) Isopropyl Acetate	6.42	43	287447	18.415	ug/l	99
44) Trichloroethene	7.19	130	132803	19.086	ug/l	98
45) 1,2-Dichloropropane	7.49	63	128734	19.516	ug/l	94
46) Dibromomethane	7.63	93	87921	18.863	ug/l	98
47) Bromodichloromethane	7.87	83	179808	19.372	ug/l	92
48) Methyl methacrylate	7.74	41	142646	18.367	ug/l	98
49) 1,4-Dioxane	7.71	88	46569	342.436	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	904074	94.350	ug/l	98
52) Toluene	8.77	92	300043	19.340	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	199732	19.371	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	213374	19.525	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	122839	18.601	ug/l	94
56) Ethyl methacrylate	9.16	69	184396	18.749	ug/l	99
57) 1,3-Dichloropropane	9.35	76	208594	19.122	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	499082	109.239	ug/l	100
59) 2-Hexanone	9.47	43	687477	94.455	ug/l	99
60) Dibromochloromethane	9.57	129	142592	18.377	ug/l	98
61) 1,2-Dibromoethane	9.65	107	133672	18.655	ug/l	100
64) Tetrachloroethene	9.32	164	127244	20.450	ug/l	94
65) Chlorobenzene	10.12	112	329004	19.511	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	129170	19.397	ug/l	100
67) Ethyl Benzene	10.24	91	580402	20.174	ug/l	97
68) m/p-Xylenes	10.34	106	433995	40.553	ug/l	100
69) o-Xylene	10.68	106	202335	19.461	ug/l	100
70) Styrene	10.69	104	353200	19.893	ug/l	97
71) Bromoform	10.84	173	106597	18.777	ug/l #	96
73) Isopropylbenzene	11.00	105	557076	20.081	ug/l	99
74) N-amyl acetate	10.88	43	241383	18.527	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	184115	18.856	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	227584	24.409	ug/l	84
77) Bromobenzene	11.24	156	151259	19.659	ug/l	99
78) n-propylbenzene	11.34	91	652964	20.579	ug/l	100
79) 2-Chlorotoluene	11.40	91	393300	20.158	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	481452	21.036	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	66271	19.087	ug/l	97
82) 4-Chlorotoluene	11.49	91	476344	20.510	ug/l	100
83) tert-Butylbenzene	11.76	119	456837	20.181	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	481954	20.575	ug/l	97
85) sec-Butylbenzene	11.93	105	547184	21.196	ug/l	99
86) p-Isopropyltoluene	12.05	119	507200	21.361	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	272520	20.053	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	273197	20.072	ug/l	98
89) n-Butylbenzene	12.37	91	449919	20.655	ug/l	98
90) Hexachloroethane	12.58	117	95068	20.375	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	255990	20.159	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44158	18.056	ug/l	98

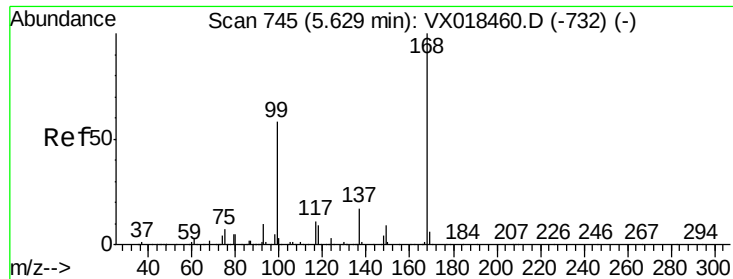
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091720\
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Quant Title : SW846 8260
QLast Update : Thu Sep 17 11:50:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	173988	20.437	ug/l	95
94) Hexachlorobutadiene	13.77	225	76567	22.445	ug/l	94
95) Naphthalene	13.82	128	540638	19.421	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	169029	20.019	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

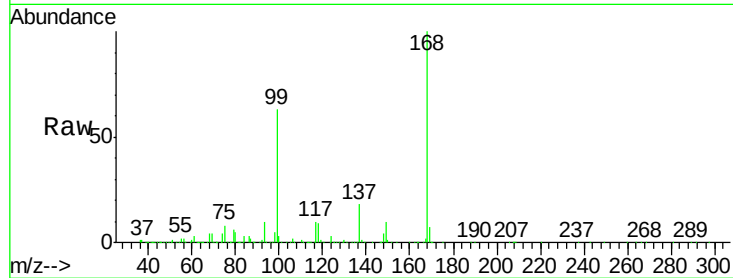
VSTDIC020

Tgt Ion:168 Resp: 556215

Ion Ratio Lower Upper

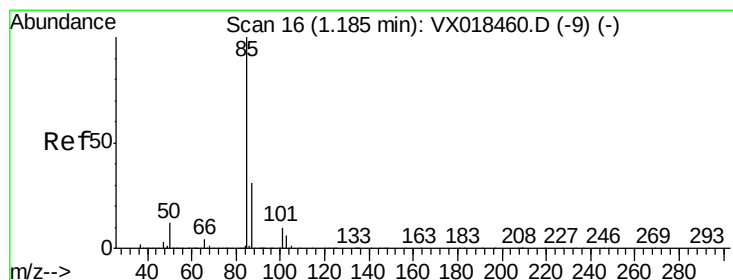
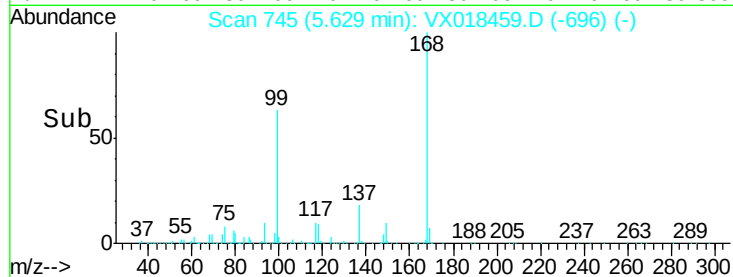
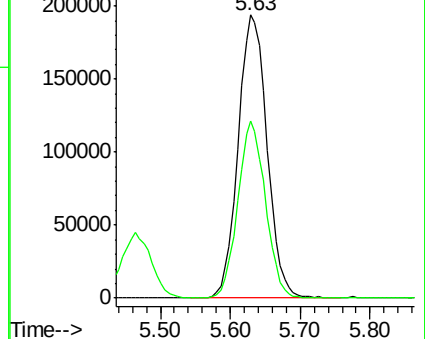
168 100

99 62.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.312 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018459.D

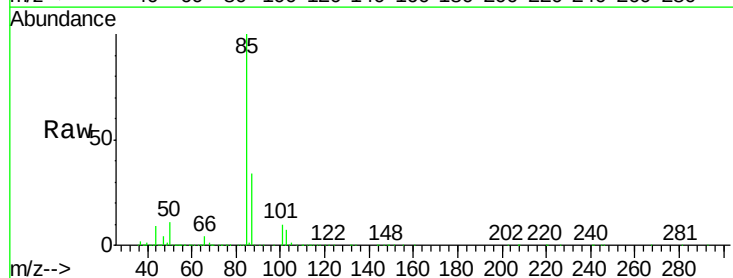
Acq: 17 Sep 2020 10:44

Tgt Ion: 85 Resp: 105971

Ion Ratio Lower Upper

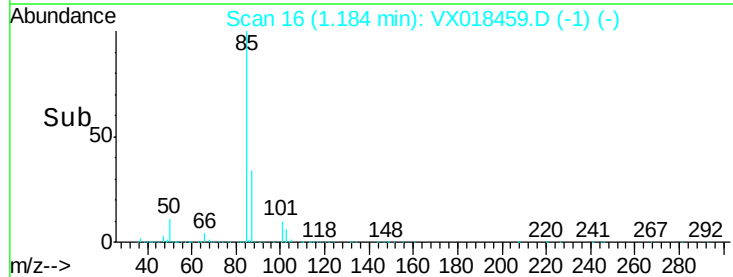
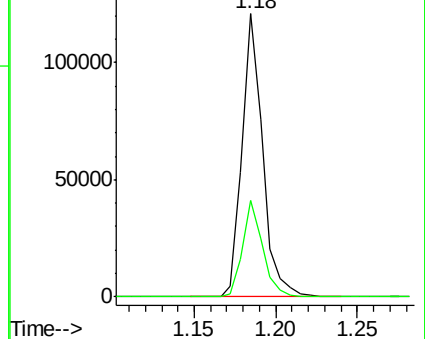
85 100

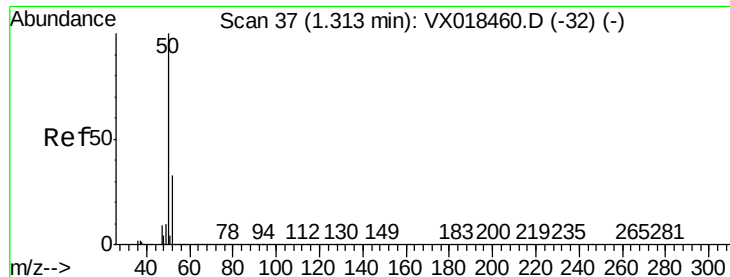
87 34.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

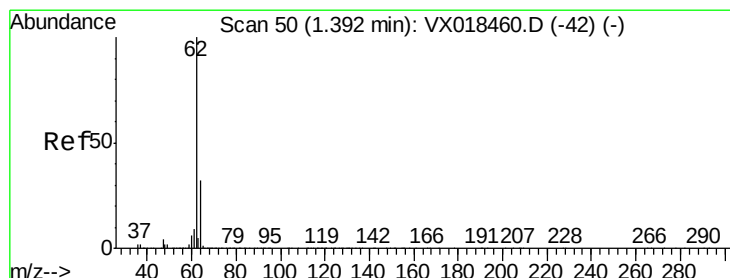
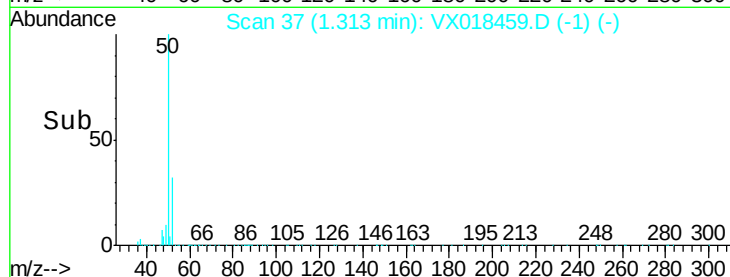
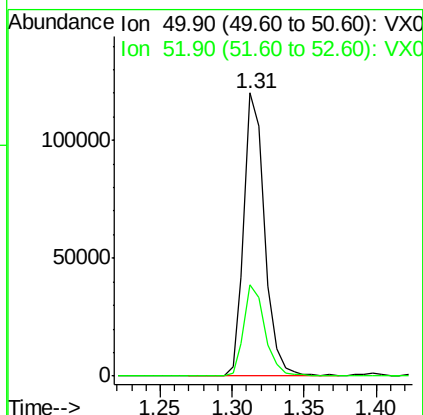
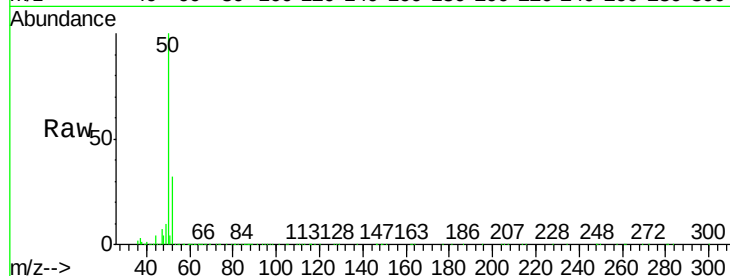




#3
Chloromethane
Concen: 17.394 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

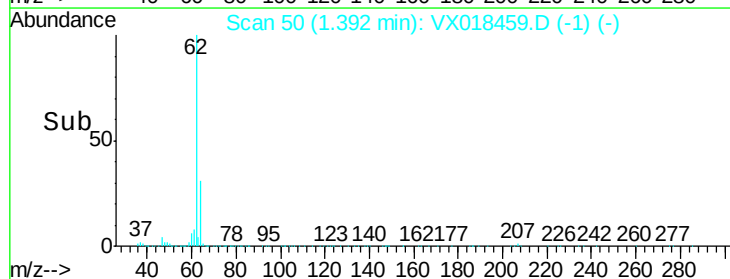
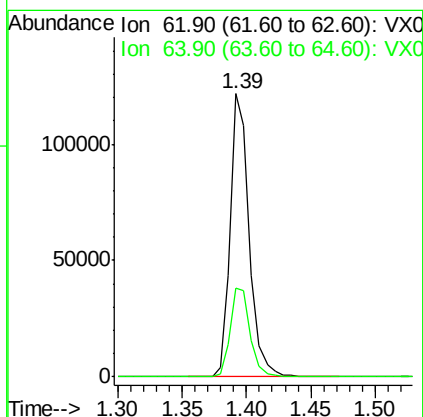
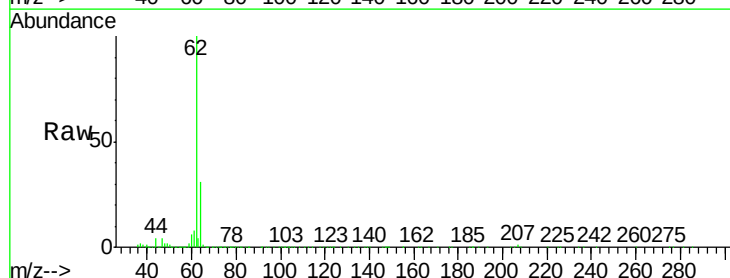
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

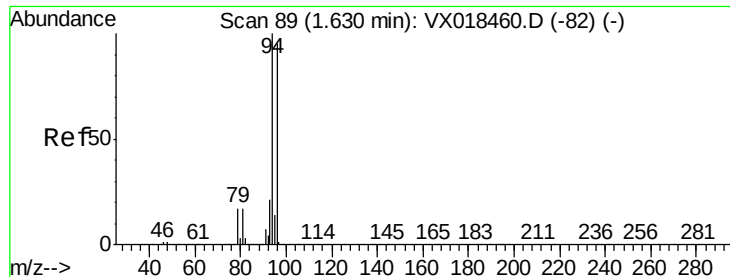
Tgt Ion: 50 Resp: 120881
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0



#4
Vinyl Chloride
Concen: 18.030 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion: 62 Resp: 125861
Ion Ratio Lower Upper
62 100
64 31.1 25.7 38.5





#5

Bromomethane

Concen: 24.721 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

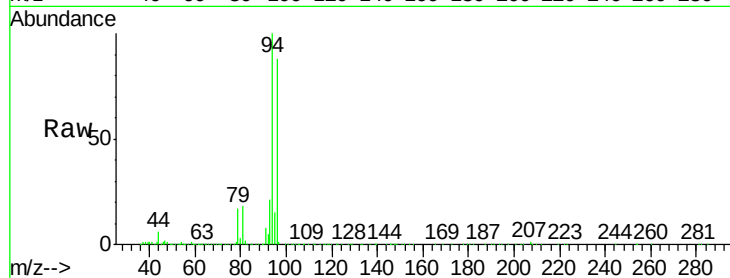
VSTDIC020

Tgt Ion: 94 Resp: 87770

Ion Ratio Lower Upper

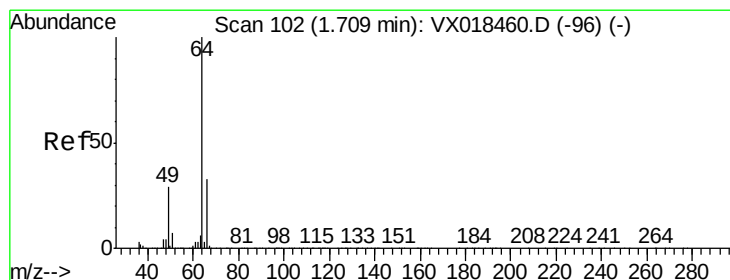
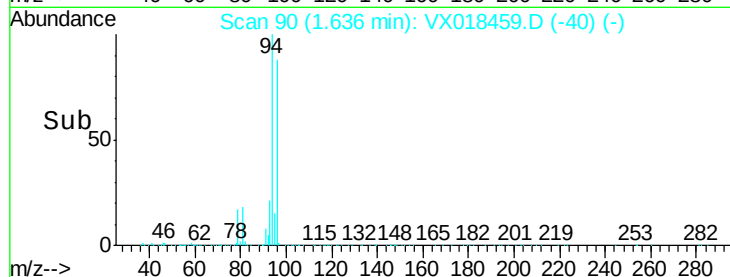
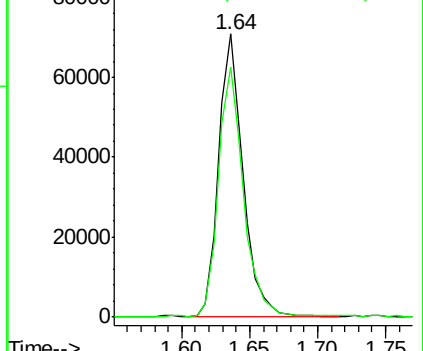
94 100

96 88.2 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.800 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018459.D

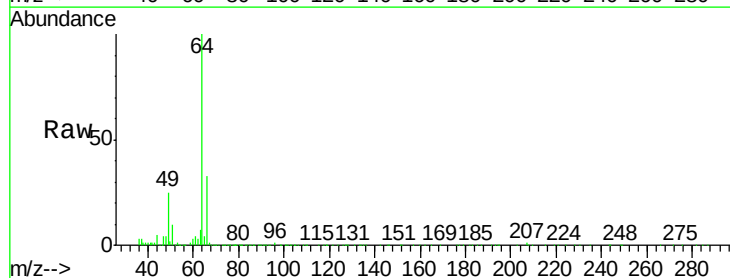
Acq: 17 Sep 2020 10:44

Tgt Ion: 64 Resp: 75038

Ion Ratio Lower Upper

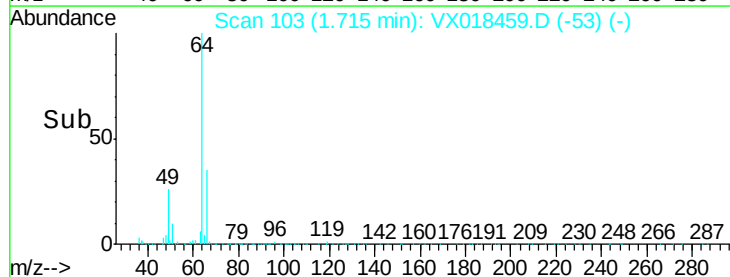
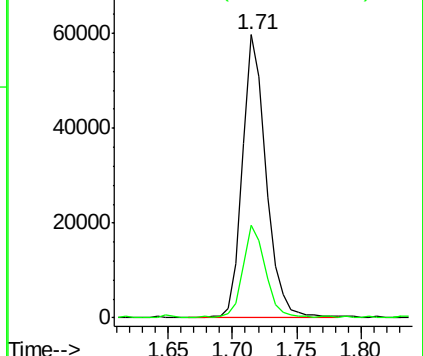
64 100

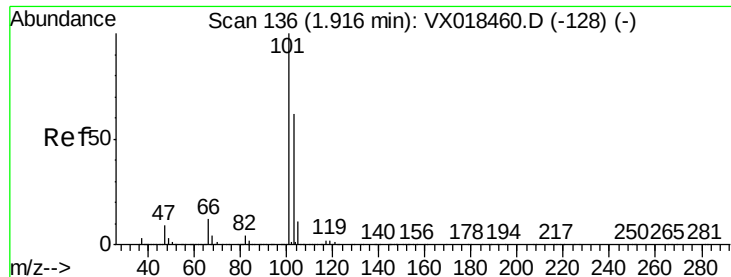
66 32.6 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



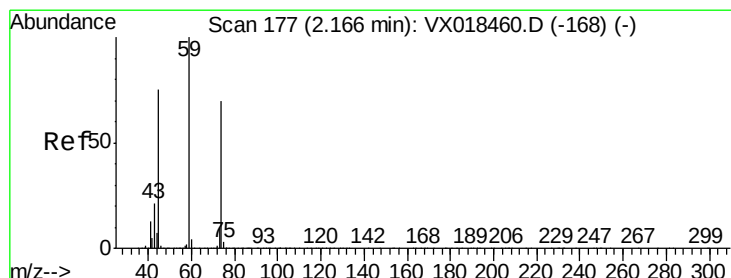
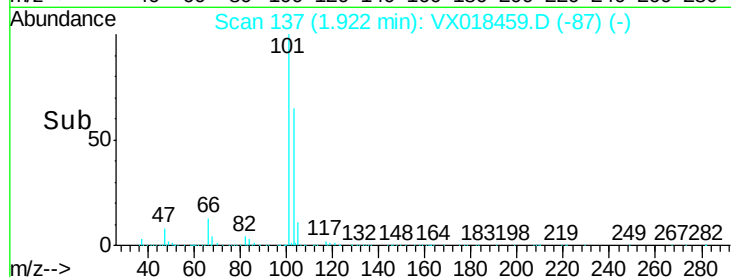
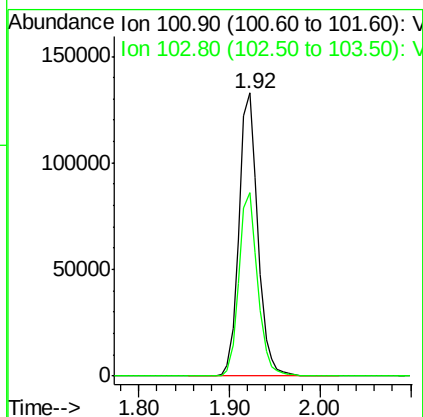
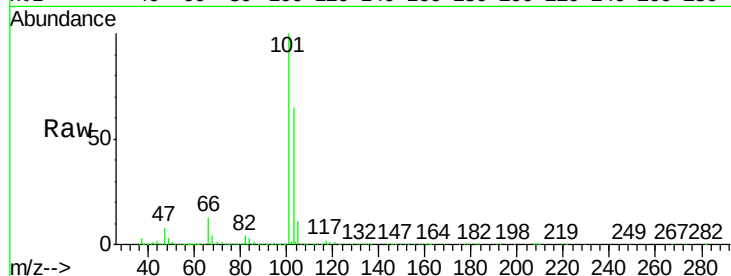


#7

Trichlorofluoromethane
 Concen: 19.763 ug/l
 RT: 1.92 min Scan# 137
 Delta R.T. 0.01 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Instrument :
 MSVOA_X
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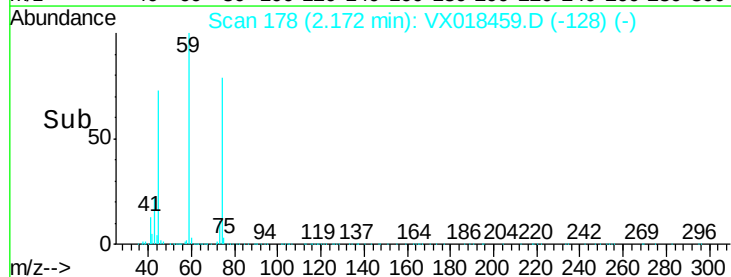
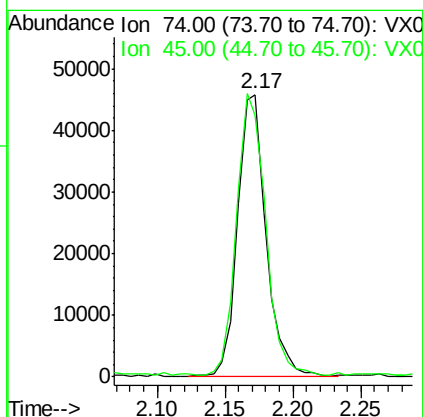
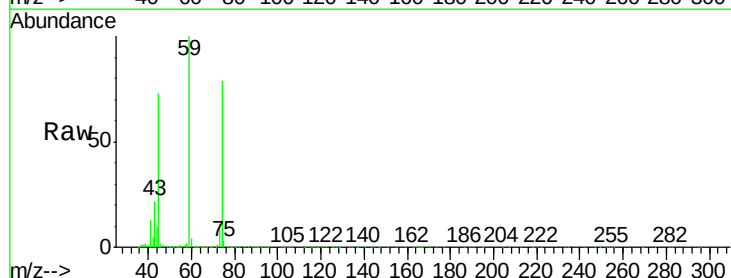
Tgt Ion: 101 Resp: 191136
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.6 74.4

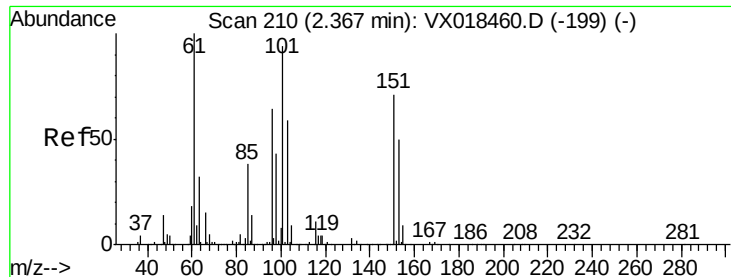


#8

Diethyl Ether
 Concen: 20.229 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Tgt Ion: 74 Resp: 66529
 Ion Ratio Lower Upper
 74 100
 45 101.8 50.7 152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.852 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

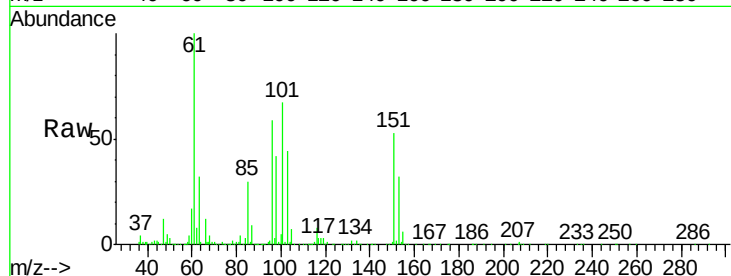
Tgt Ion:101 Resp: 99030

Ion Ratio Lower Upper

101 100

85 45.0 34.7 52.1

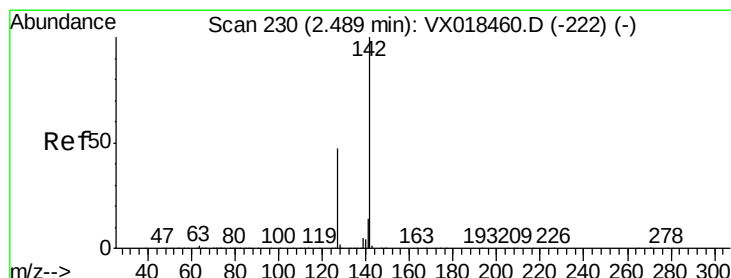
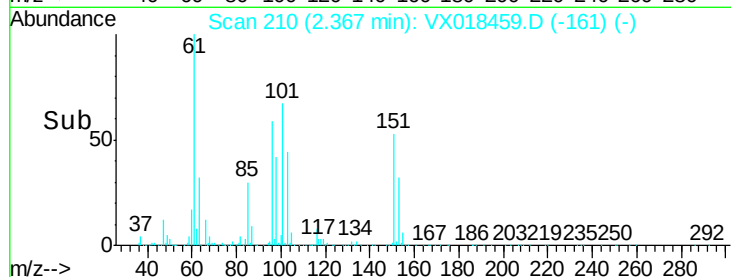
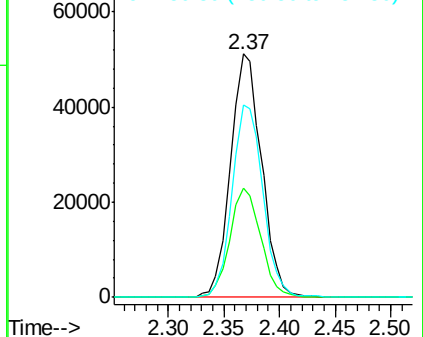
151 78.2 64.9 97.3



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: 19.857 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

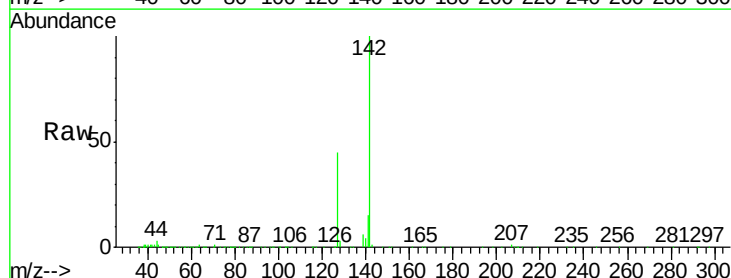
Tgt Ion:142 Resp: 101852

Ion Ratio Lower Upper

142 100

127 46.4 36.0 54.0

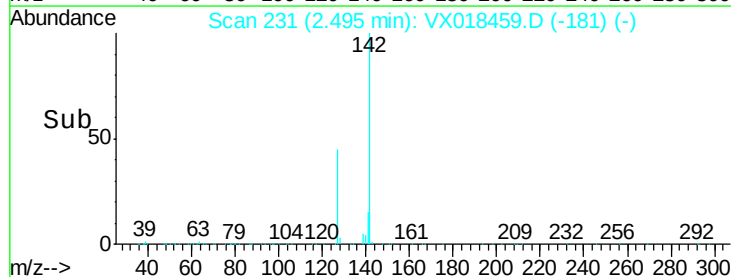
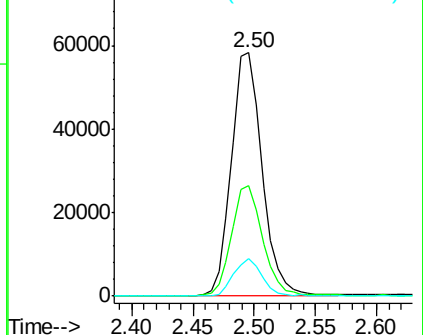
141 14.4 11.9 17.9

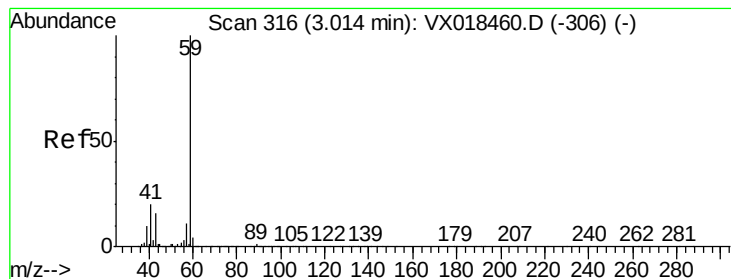


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 88.011 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

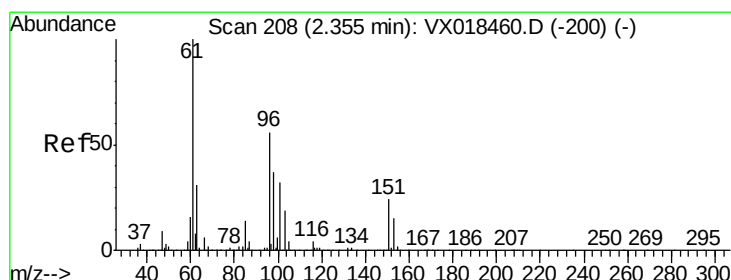
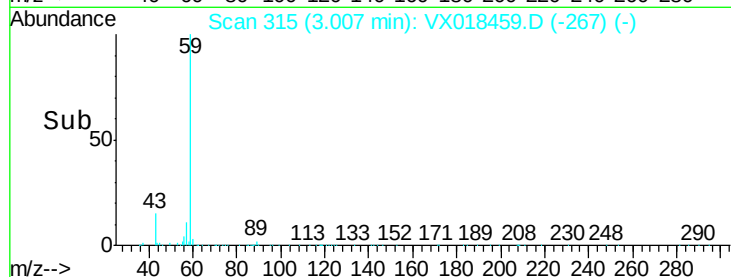
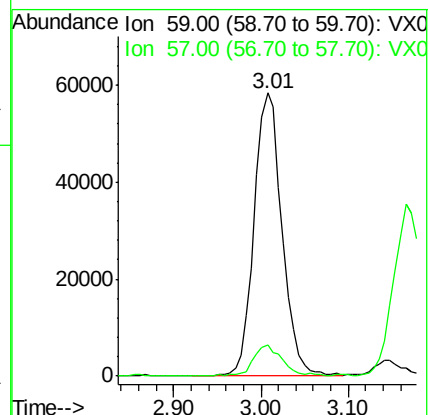
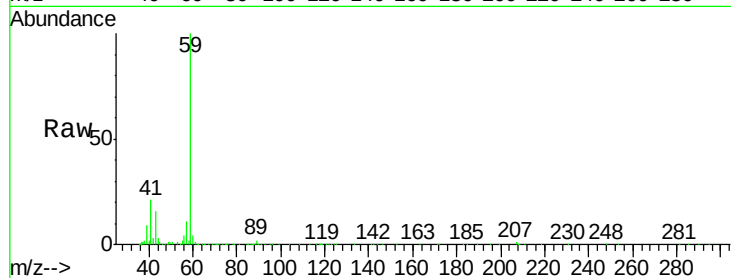
VSTDIC020

Tgt Ion: 59 Resp: 129840

Ion Ratio Lower Upper

59 100

57 11.1 8.2 12.4



#12

1,1-Dichloroethene

Concen: 18.286 ug/l

RT: 2.35 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

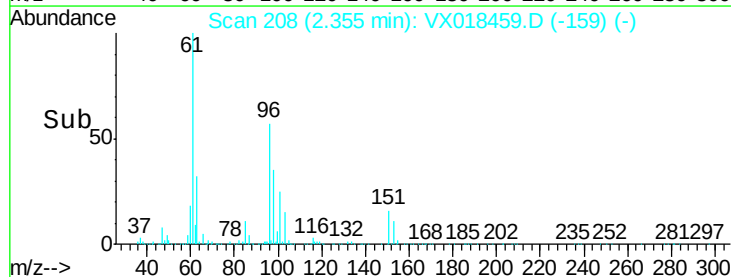
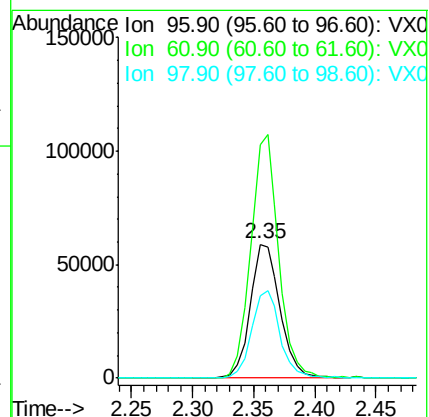
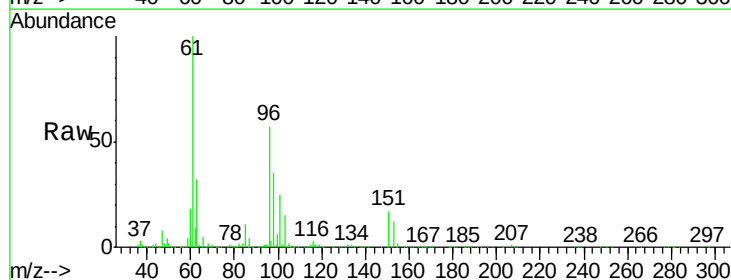
Tgt Ion: 96 Resp: 99263

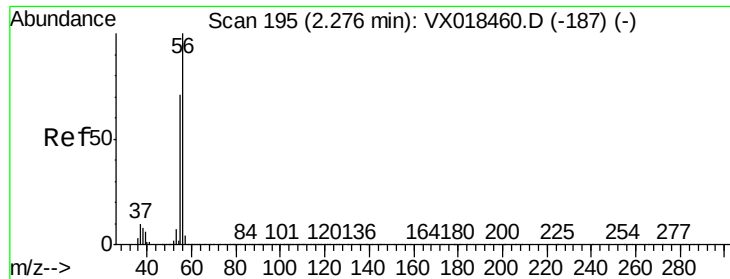
Ion Ratio Lower Upper

96 100

61 174.0 142.2 213.4

98 61.5 52.4 78.6





#13

Acrolein

Concen: 125.779 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

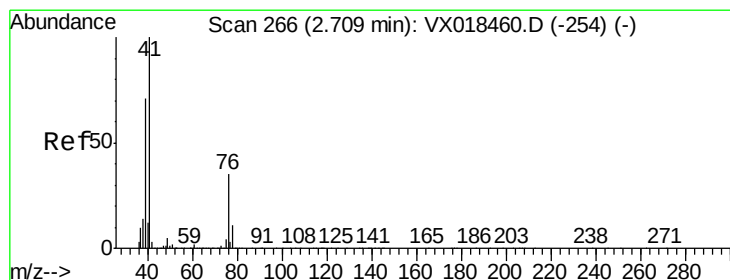
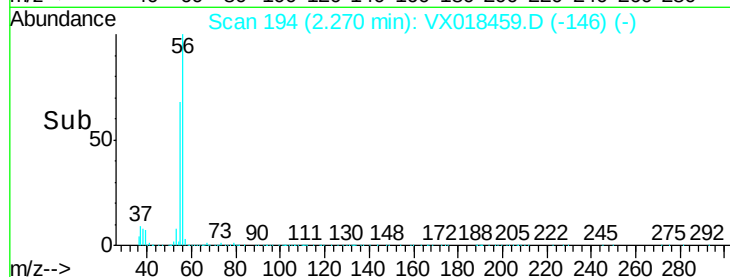
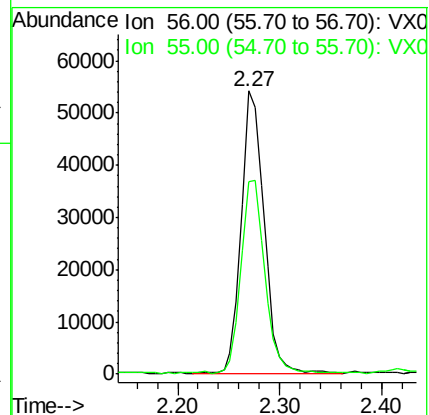
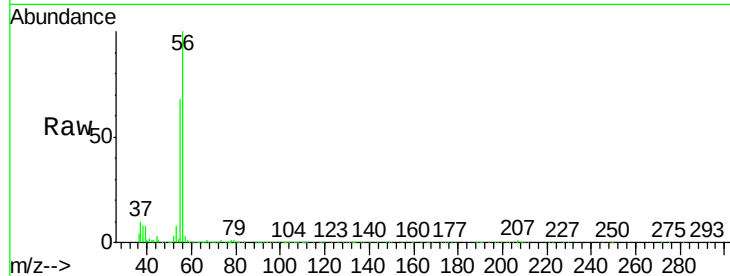
VSTDIC020

Tgt Ion: 56 Resp: 84040

Ion Ratio Lower Upper

56 100

55 70.9 58.2 87.4



#14

Allyl chloride

Concen: 20.085 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

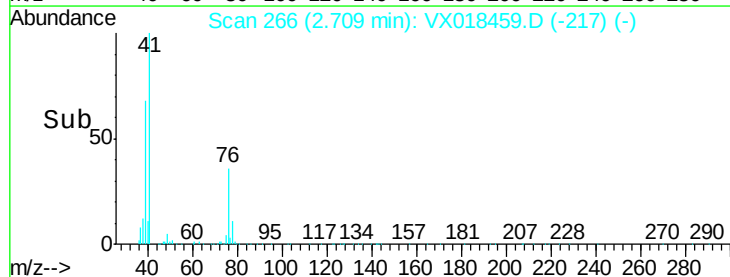
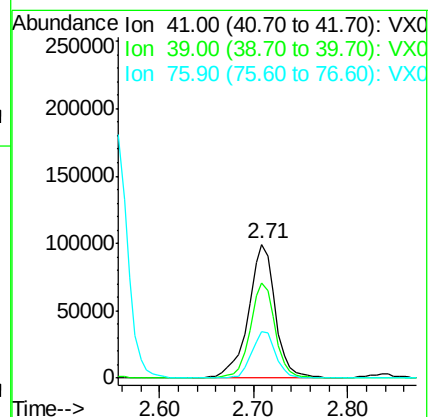
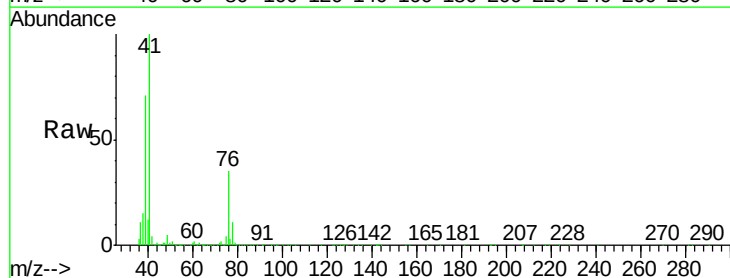
Tgt Ion: 41 Resp: 196980

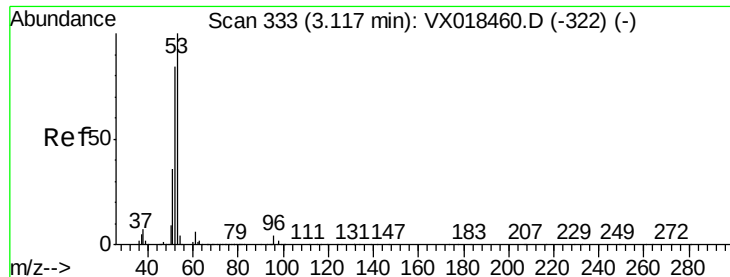
Ion Ratio Lower Upper

41 100

39 66.2 51.1 76.7

76 31.1 26.0 39.0





#15

Acrylonitrile

Concen: 93.601 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

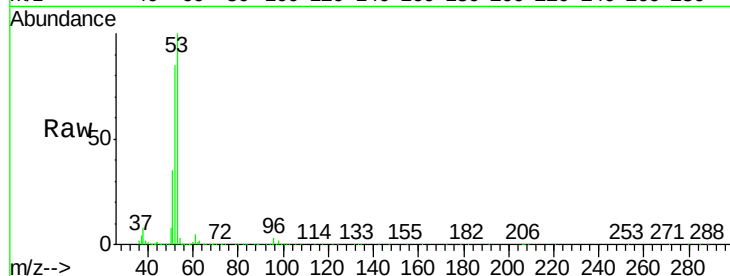
Tgt Ion: 53 Resp: 317783

Ion Ratio Lower Upper

53 100

52 84.0 65.8 98.8

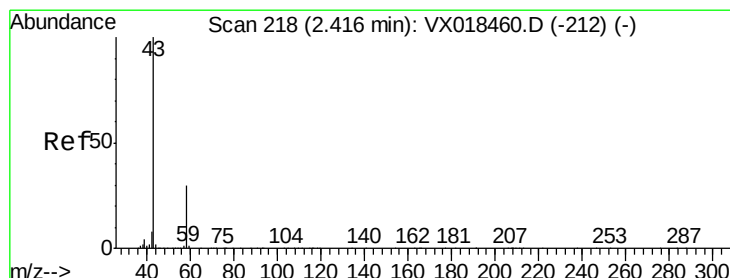
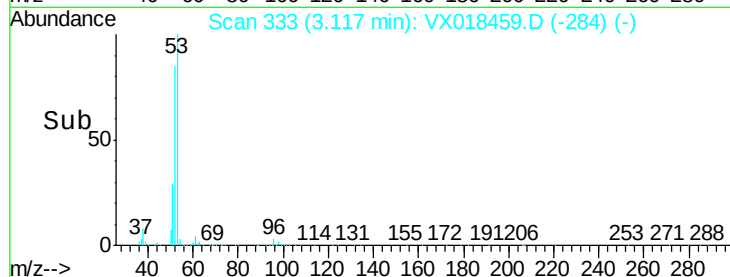
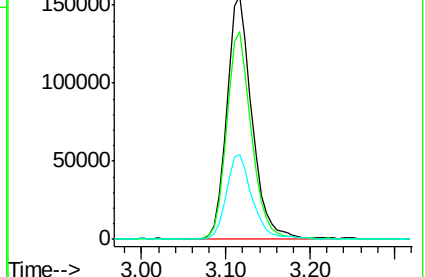
51 36.0 29.2 43.8



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: 94.110 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX018459.D

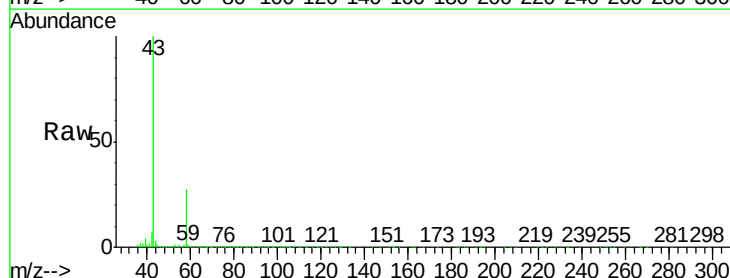
Acq: 17 Sep 2020 10:44

Tgt Ion: 43 Resp: 283769

Ion Ratio Lower Upper

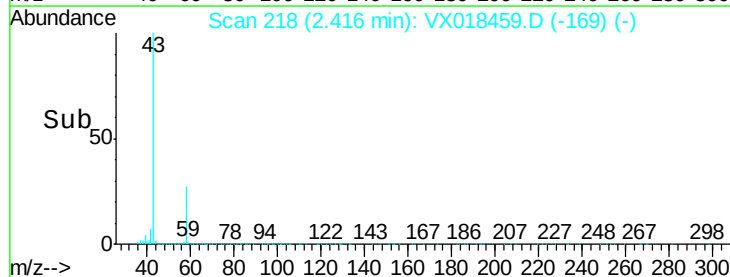
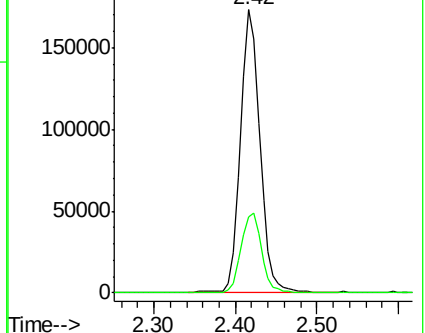
43 100

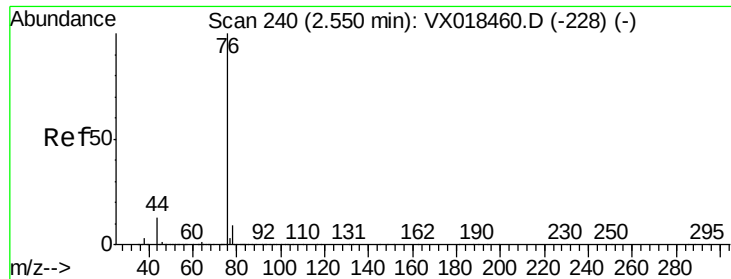
58 26.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.375 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

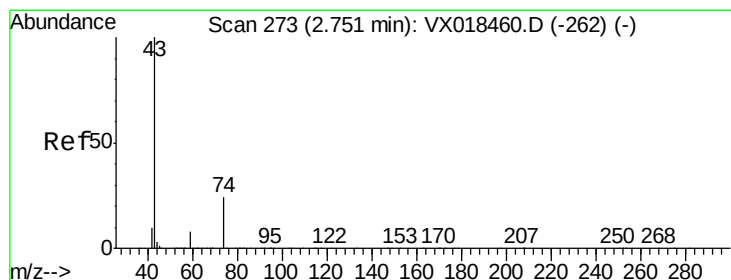
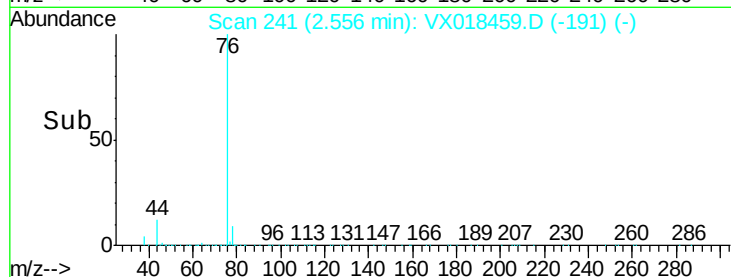
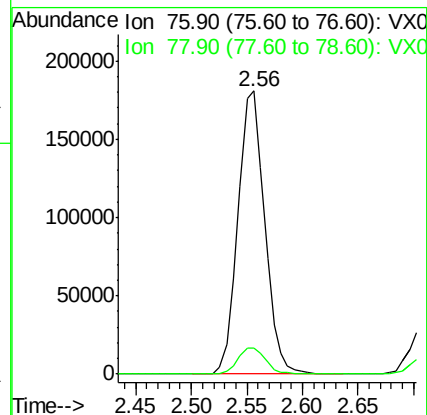
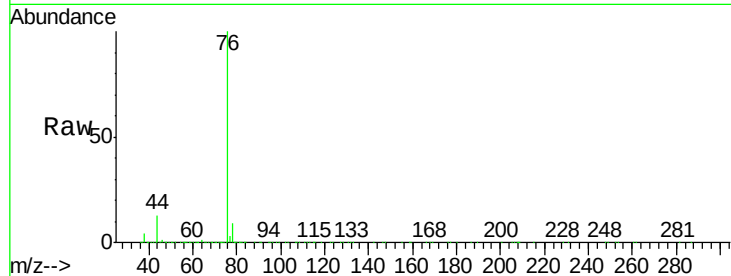
VSTDIC020

Tgt Ion: 76 Resp: 302324

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4



#18

Methyl Acetate

Concen: 19.536 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018459.D

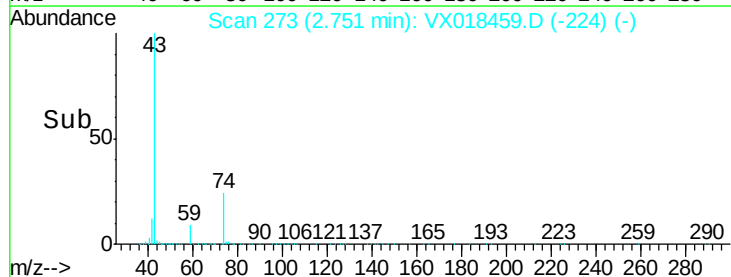
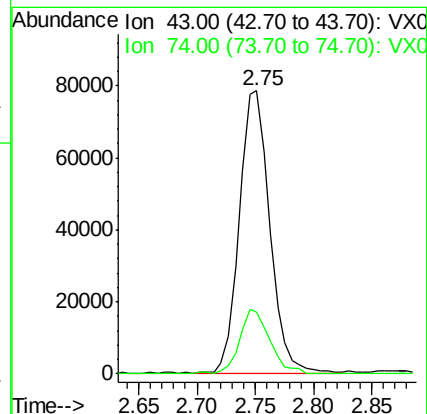
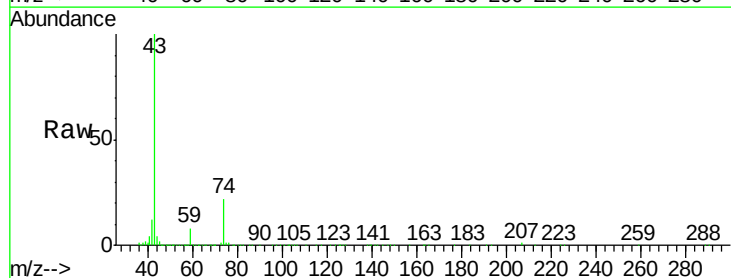
Acq: 17 Sep 2020 10:44

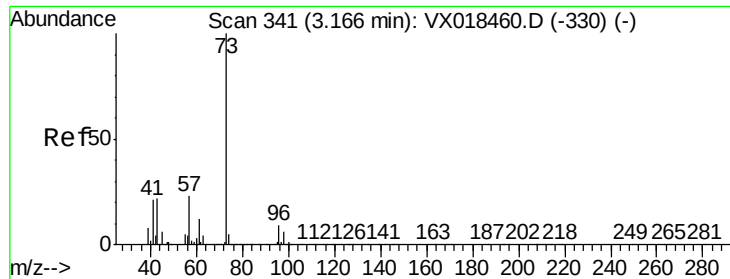
Tgt Ion: 43 Resp: 142308

Ion Ratio Lower Upper

43 100

74 23.1 18.3 27.5

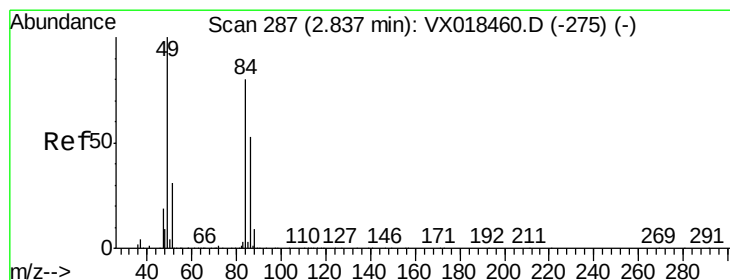
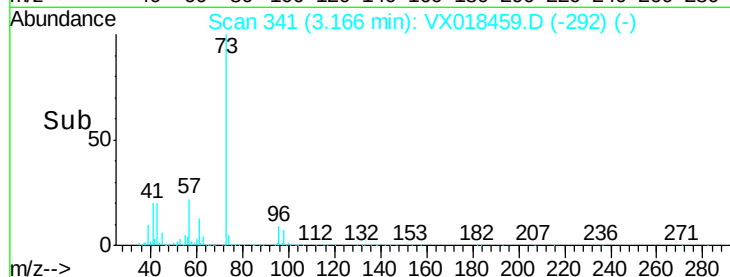
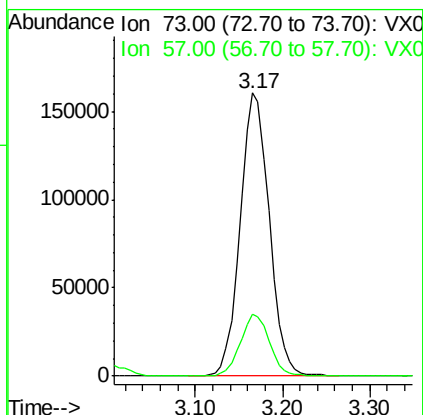
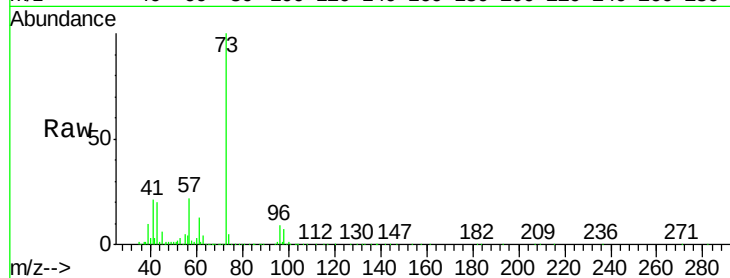




#19
Methyl tert-butyl Ether
Concen: 19.794 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

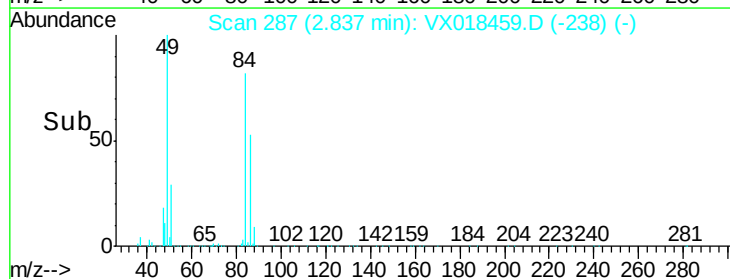
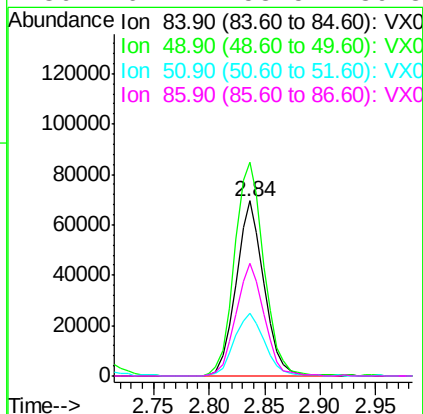
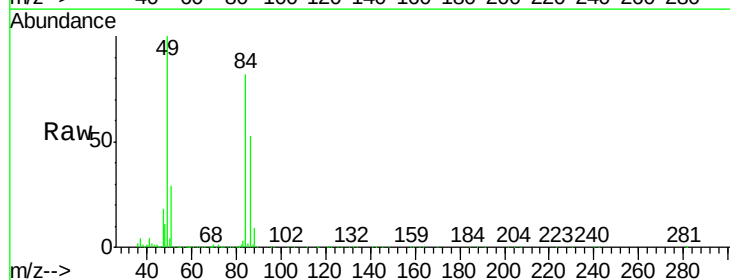
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

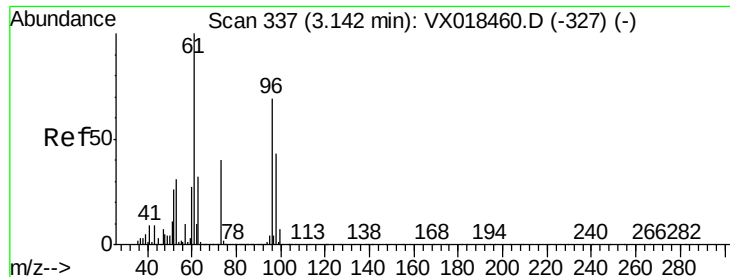
Tgt Ion: 73 Resp: 369675
Ion Ratio Lower Upper
73 100
57 22.0 18.0 27.0



#20
Methylene Chloride
Concen: 17.755 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion: 84 Resp: 120492
Ion Ratio Lower Upper
84 100
49 121.8 100.6 151.0
51 35.7 30.9 46.3
86 64.4 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 19.777 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

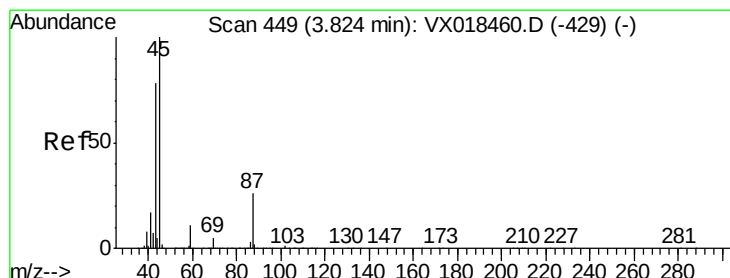
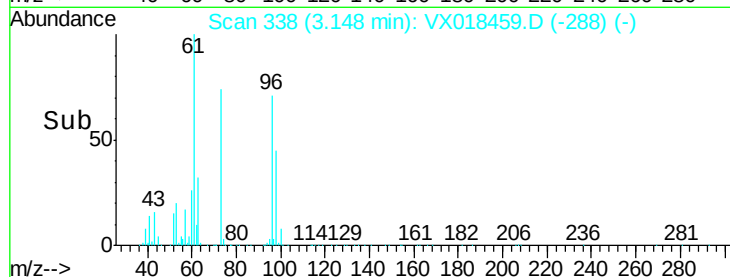
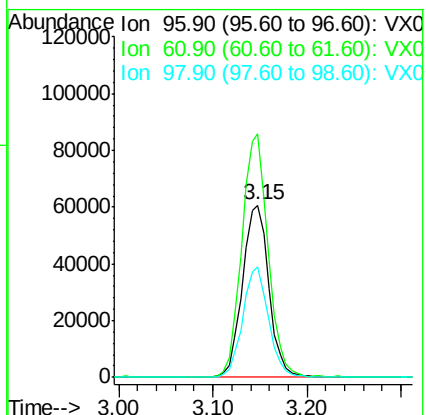
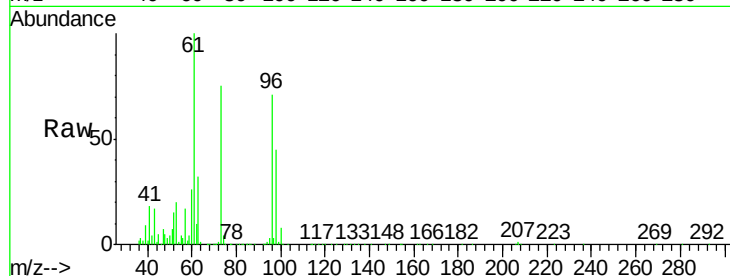
Tgt Ion: 96 Resp: 119528

Ion Ratio Lower Upper

96 100

61 141.2 115.6 173.4

98 63.8 50.2 75.4



#22

Diisopropyl ether

Concen: 20.191 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Tgt Ion: 45 Resp: 389276

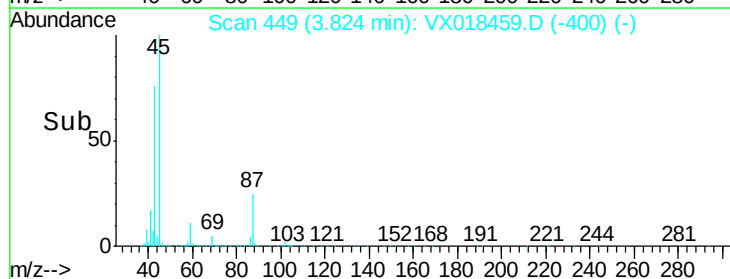
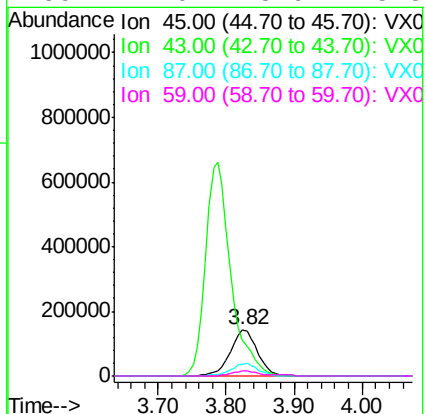
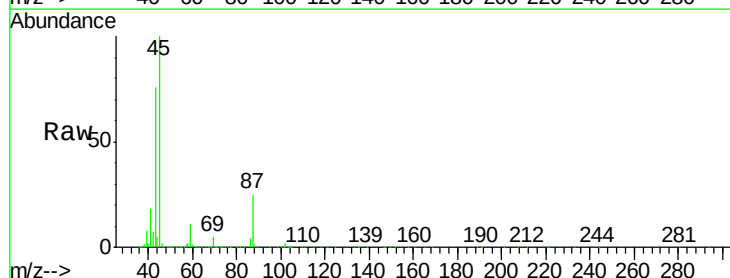
Ion Ratio Lower Upper

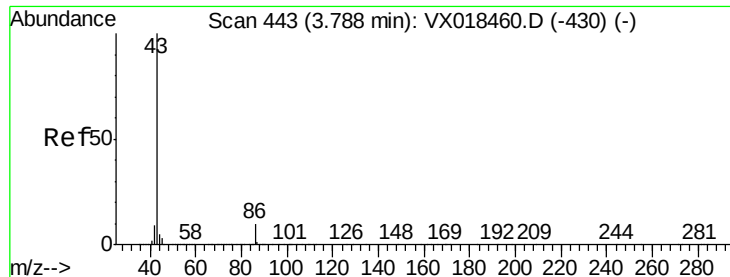
45 100

43 75.6 62.4 93.6

87 24.9 21.2 31.8

59 11.0 8.9 13.3





#23

Vinyl Acetate

Concen: 99.798 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

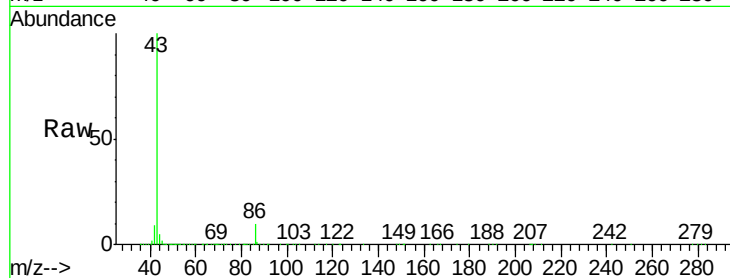
VSTDIC020

Tgt Ion: 43 Resp: 1711277

Ion Ratio Lower Upper

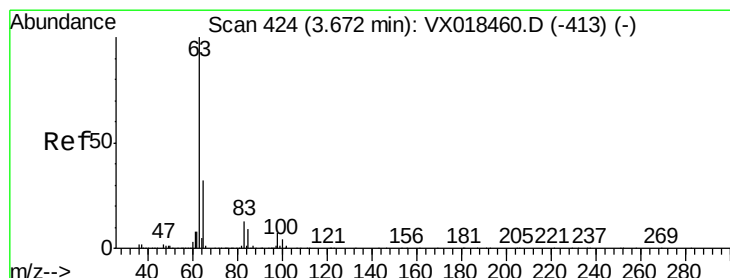
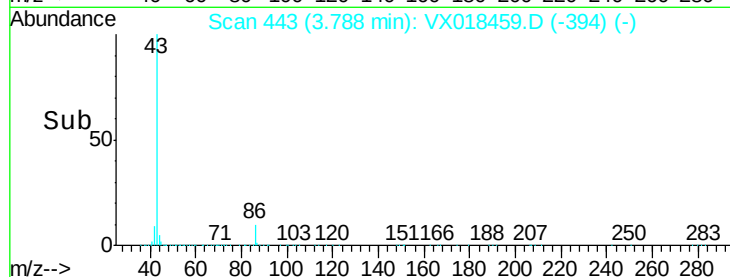
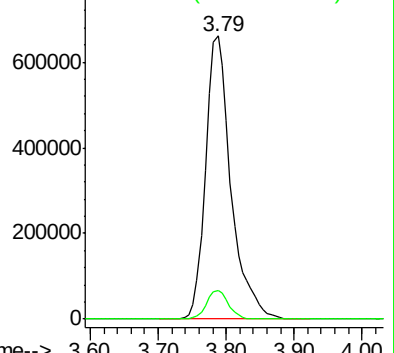
43 100

86 10.0 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.829 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

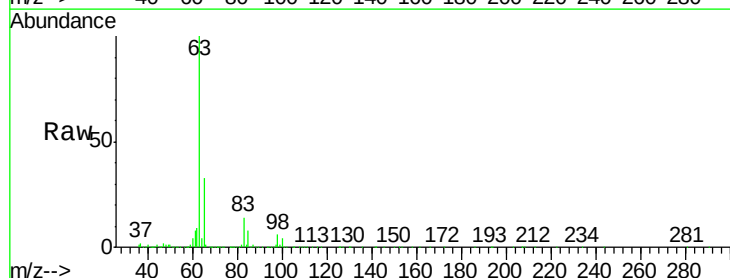
Tgt Ion: 63 Resp: 217139

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.6

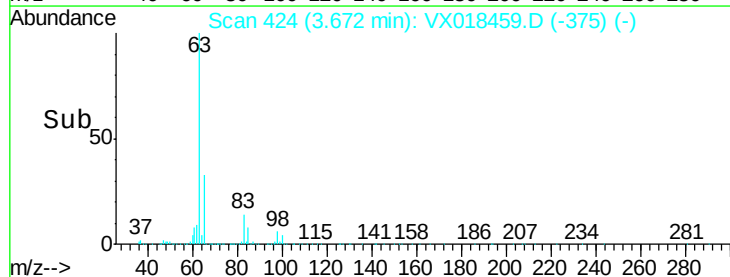
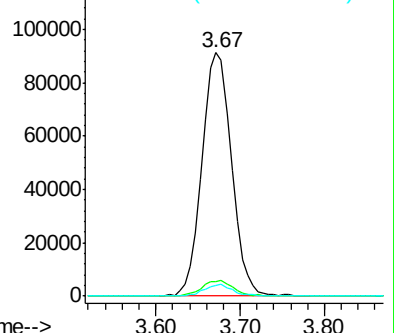
100 4.2 1.9 5.7

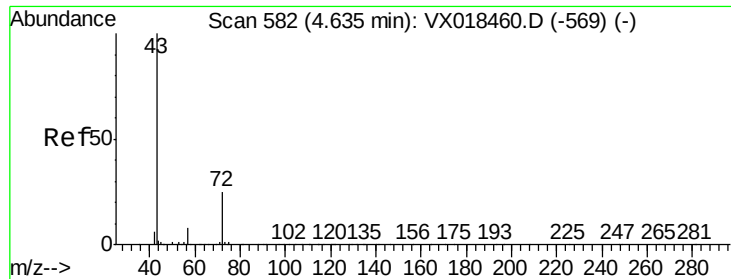


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 93.913 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

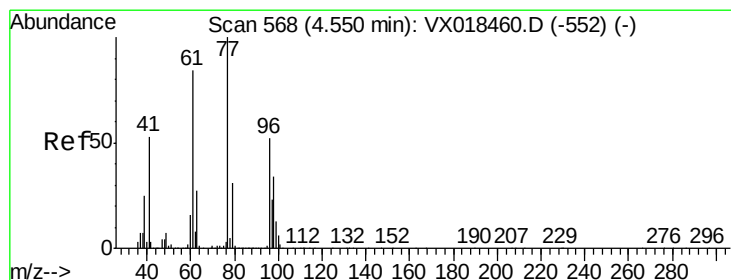
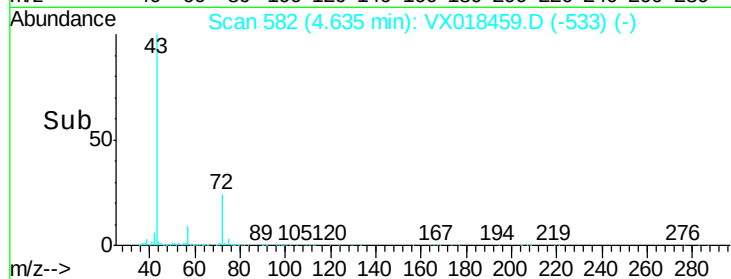
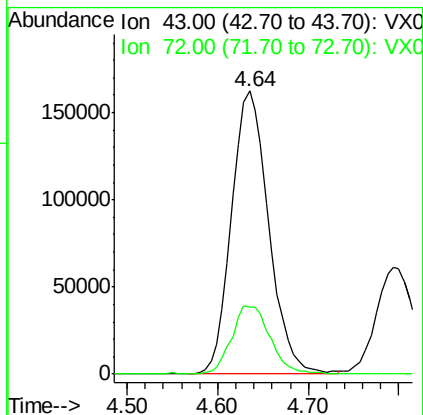
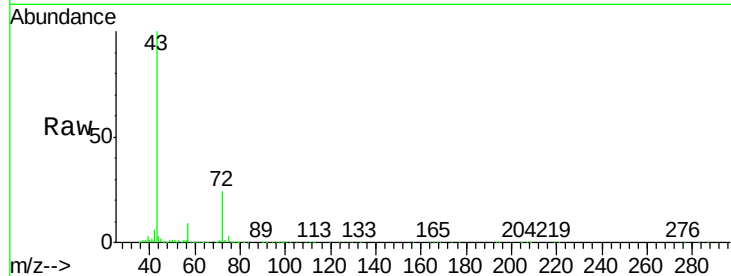
VSTDIC020

Tgt Ion: 43 Resp: 461109

Ion Ratio Lower Upper

43 100

72 23.3 20.2 30.4



#26

2,2-Dichloropropane

Concen: 21.457 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018459.D

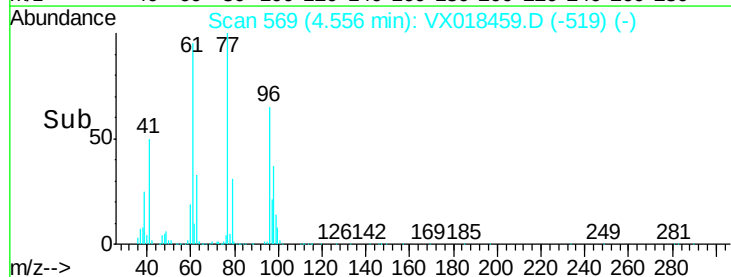
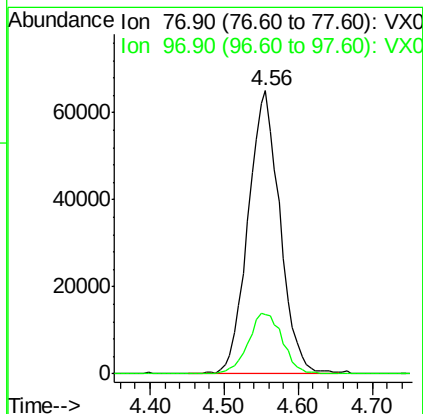
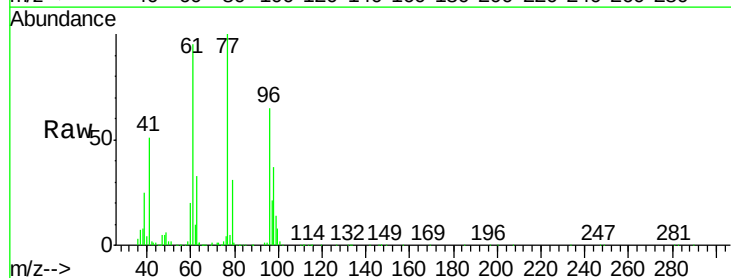
Acq: 17 Sep 2020 10:44

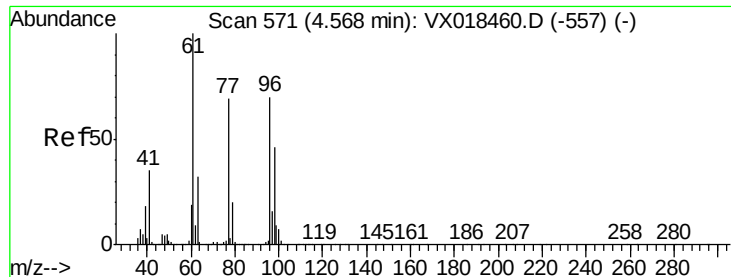
Tgt Ion: 77 Resp: 195673

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.5



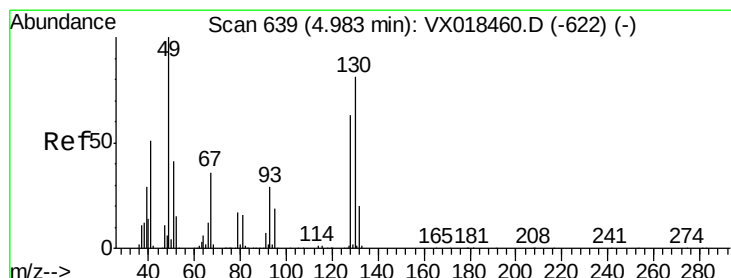
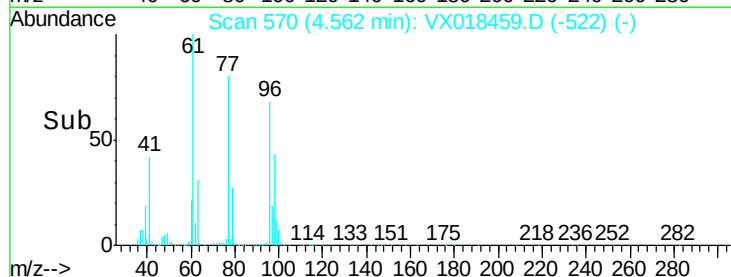
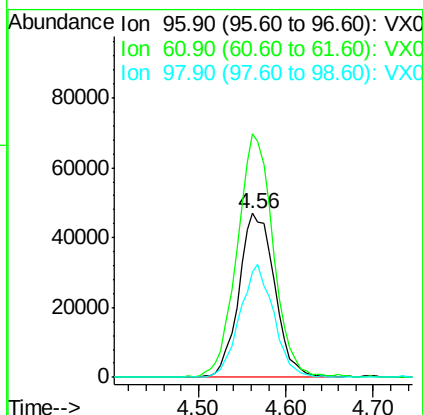
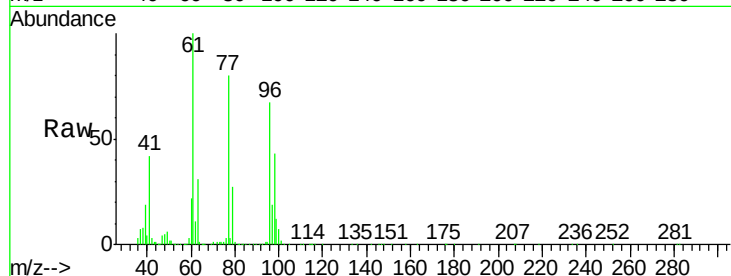


#27

cis-1,2-Dichloroethene
 Concen: 19.137 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

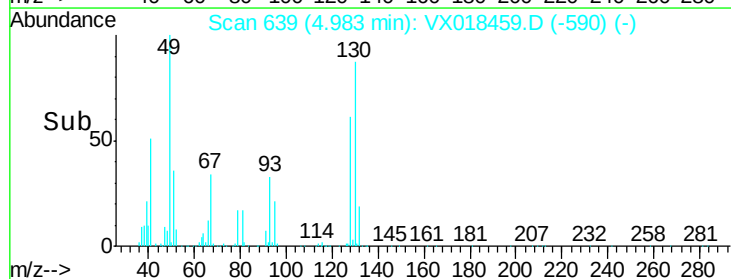
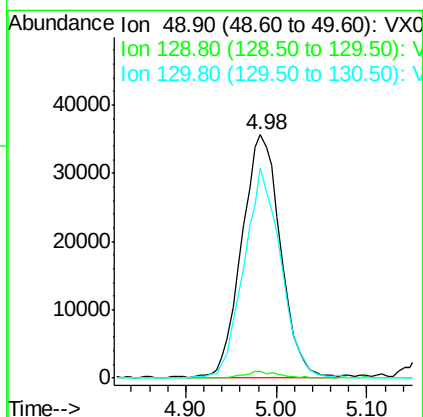
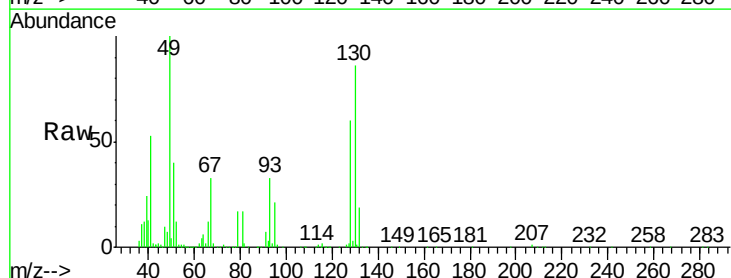
Tgt Ion: 96 Resp: 133140
 Ion Ratio Lower Upper
 96 100
 61 149.8 0.0 300.0
 98 65.6 0.0 130.4

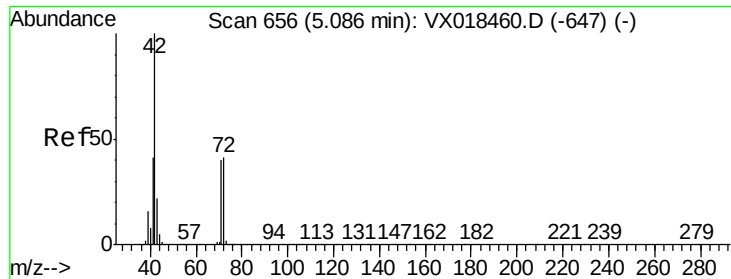


#28

Bromochloromethane
 Concen: 19.809 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Tgt Ion: 49 Resp: 105108
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 82.8 65.0 97.4





#29

Tetrahydrofuran

Concen: 93.976 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

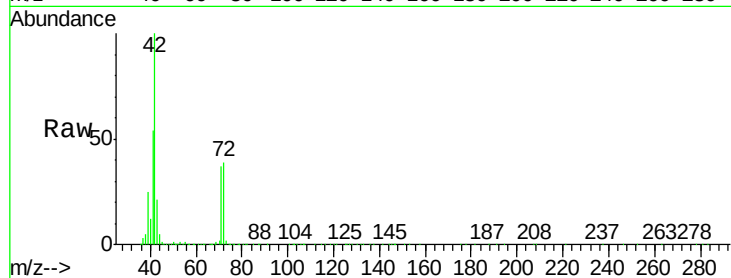
Tgt Ion: 42 Resp: 292924

Ion Ratio Lower Upper

42 100

72 42.2 34.3 51.5

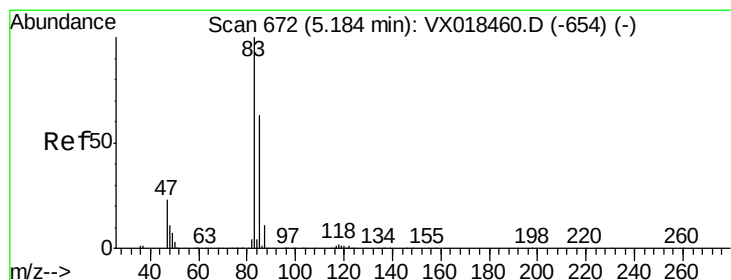
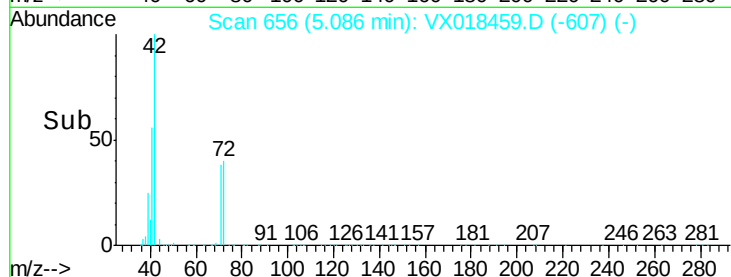
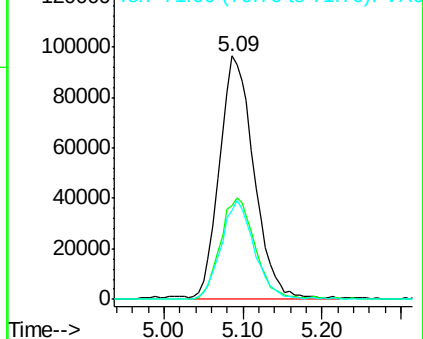
71 39.2 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.335 ug/l

RT: 5.18 min Scan# 672

Delta R.T. -0.00 min

Lab File: VX018459.D

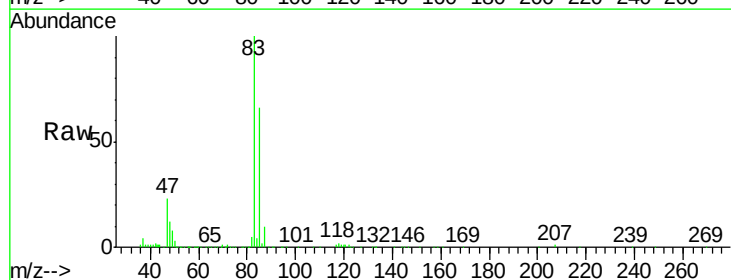
Acq: 17 Sep 2020 10:44

Tgt Ion: 83 Resp: 219376

Ion Ratio Lower Upper

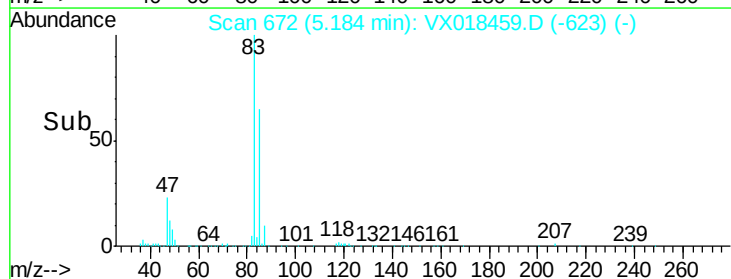
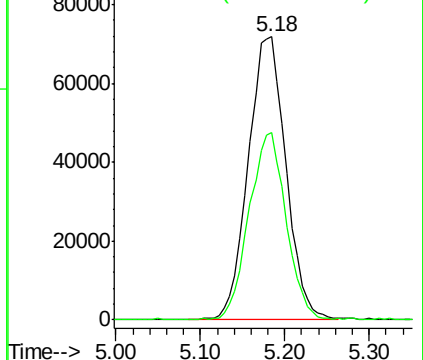
83 100

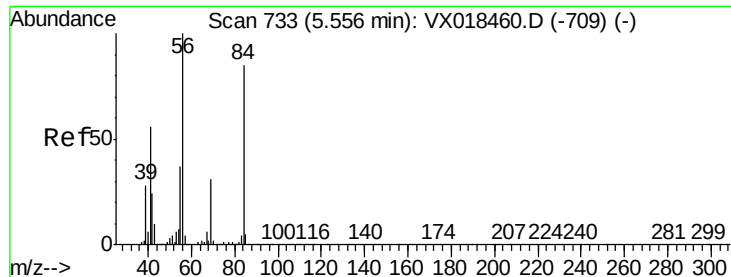
85 65.9 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

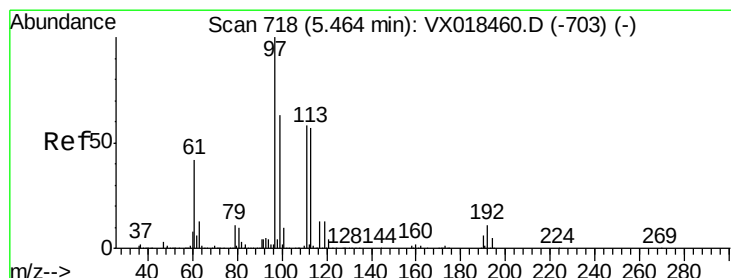
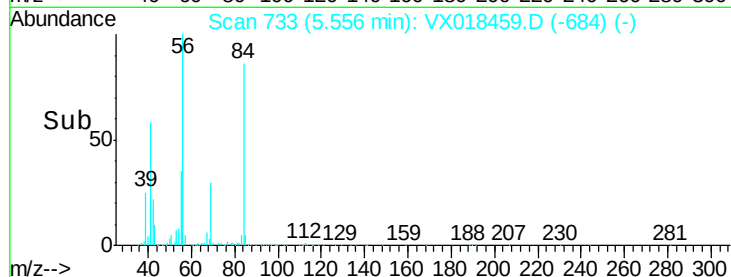
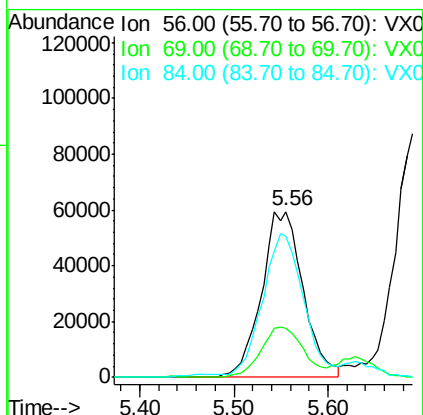
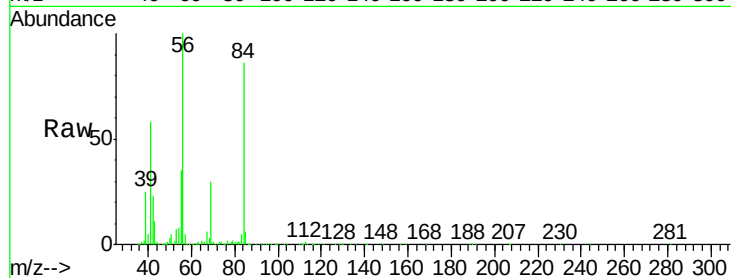




#31
Cyclohexane
Concen: 19.788 ug/l
RT: 5.56 min Scan# 733
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

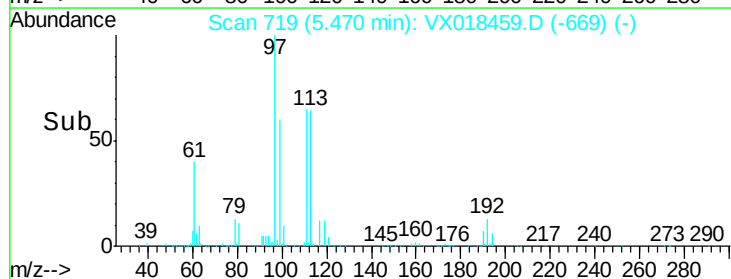
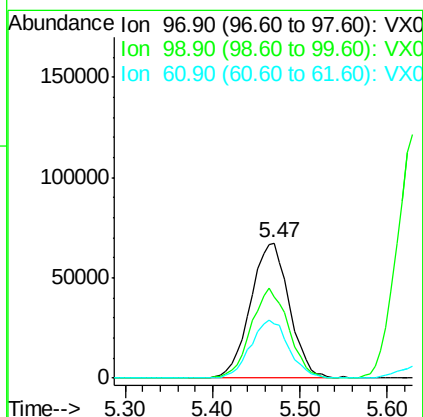
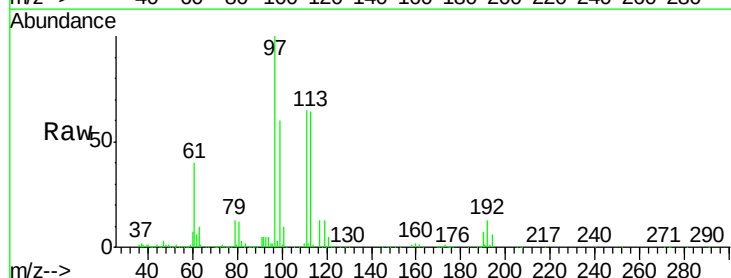
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

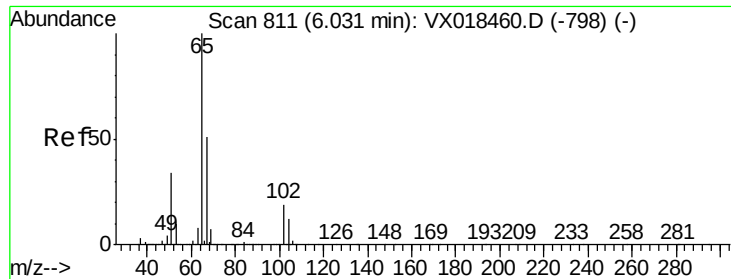
Tgt Ion	Resp	Lower	Upper
56	183433		
69	29.8	24.8	37.2
84	84.3	67.6	101.4



#32
1,1,1-Trichloroethane
Concen: 19.899 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion	Resp	Lower	Upper
97	208245		
99	64.3	50.5	75.7
61	42.6	33.4	50.2

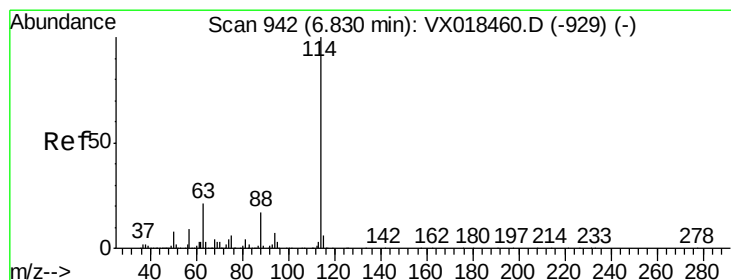
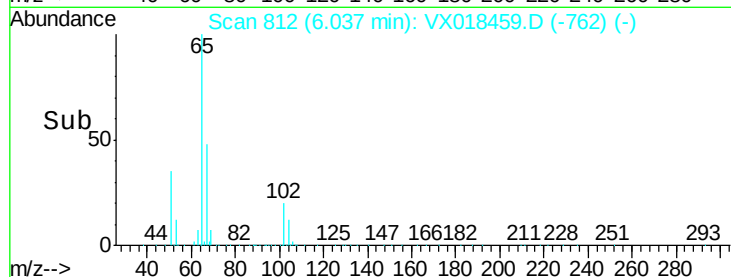
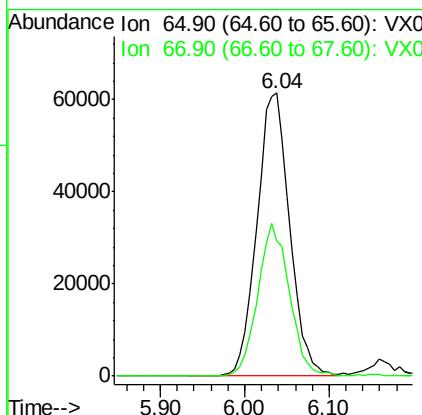
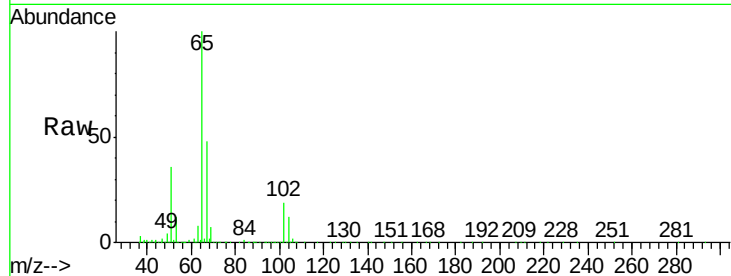




#33
 1,2-Dichloroethane-d4
 Concen: 21.299 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

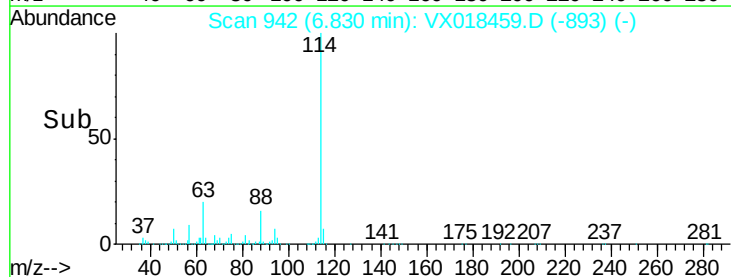
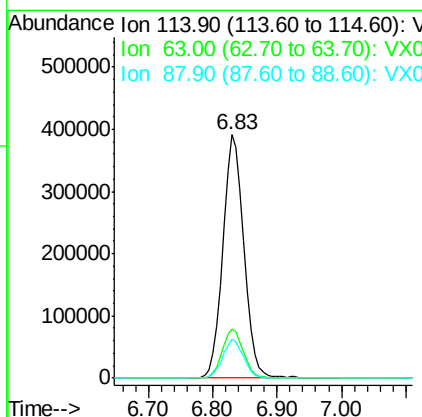
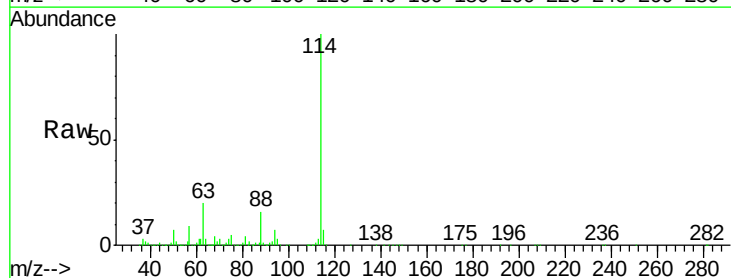
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

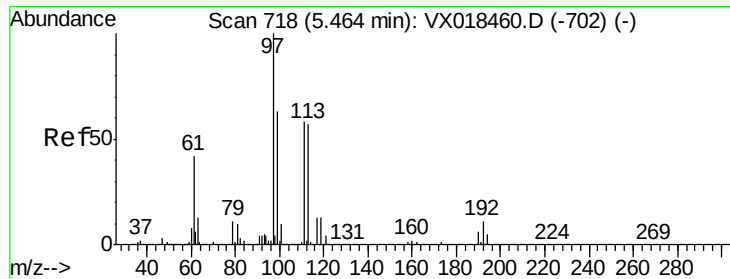
Tgt Ion: 65 Resp: 163736
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Tgt Ion: 114 Resp: 903545
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.8
 88 16.0 0.0 33.6

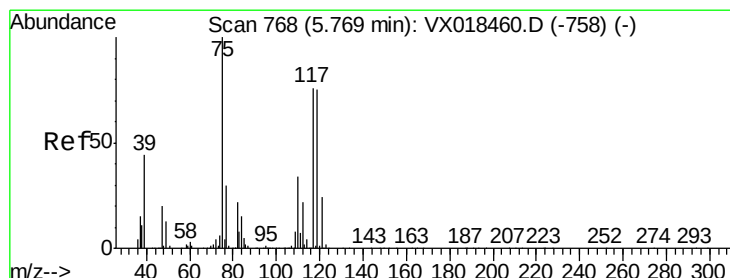
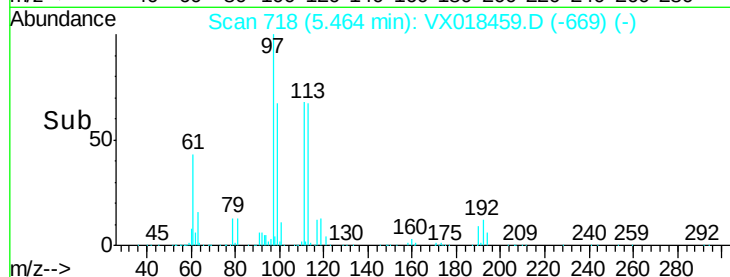
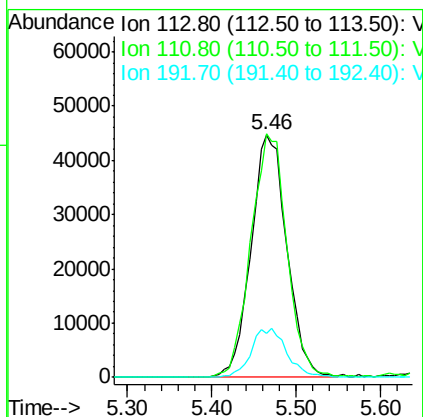
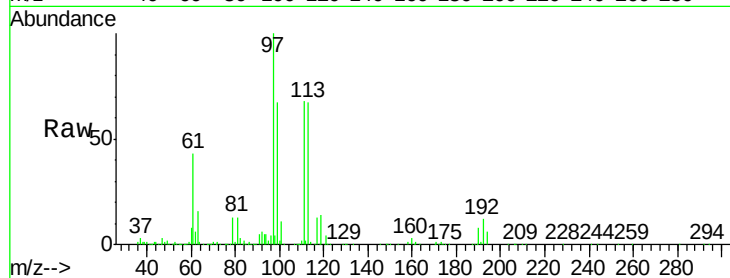




#35
 Dibromofluoromethane
 Concen: 21.216 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

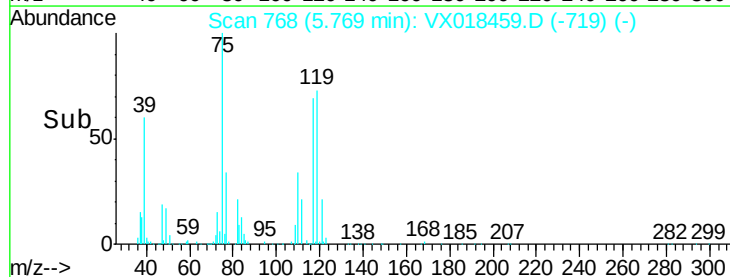
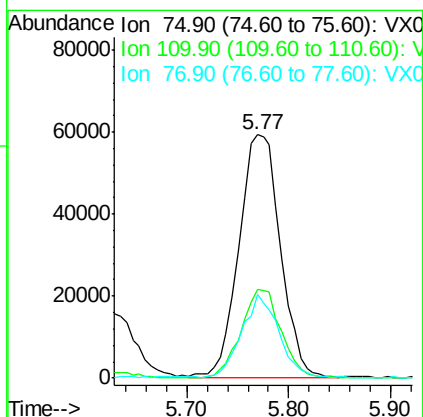
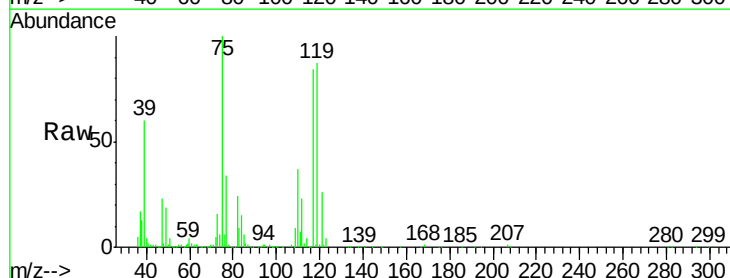
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

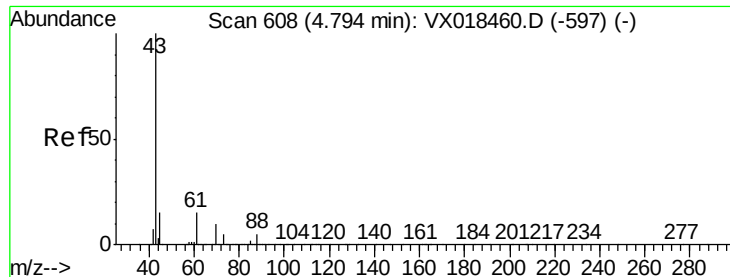
Tgt Ion: 113 Resp: 129684
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.4 122.2
 192 19.9 16.6 24.8



#36
 1,1-Dichloropropene
 Concen: 19.845 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Tgt Ion: 75 Resp: 166269
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.6 52.8
 77 30.8 25.0 37.6

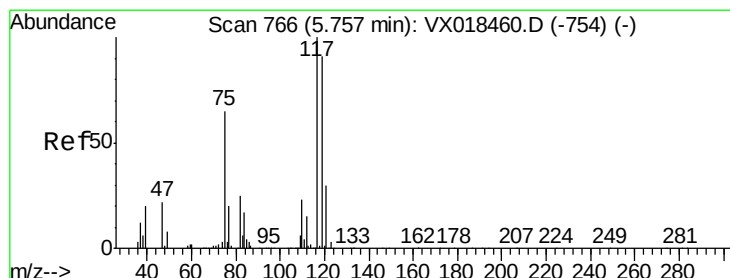
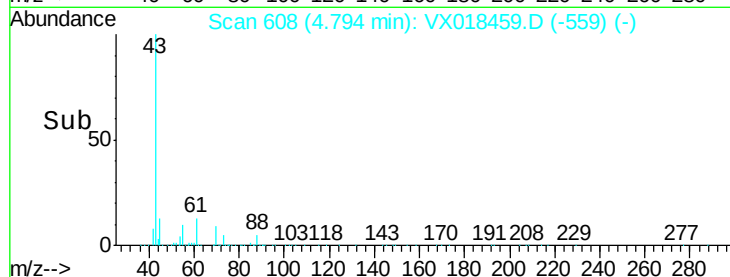
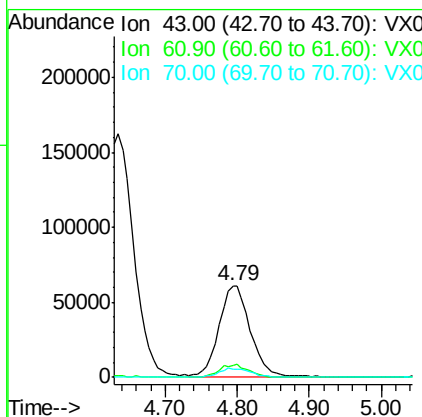
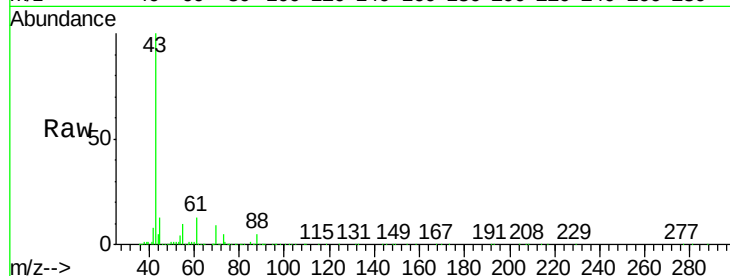




#37
 Ethyl Acetate
 Concen: 19.011 ug/l
 RT: 4.79 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

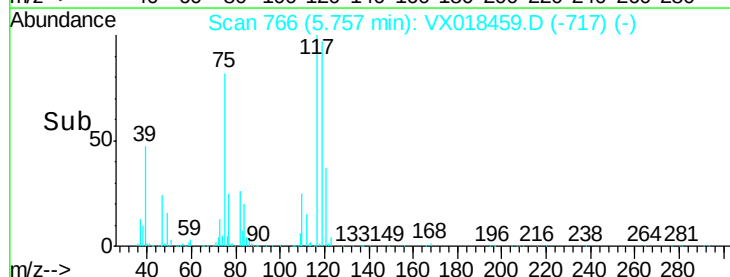
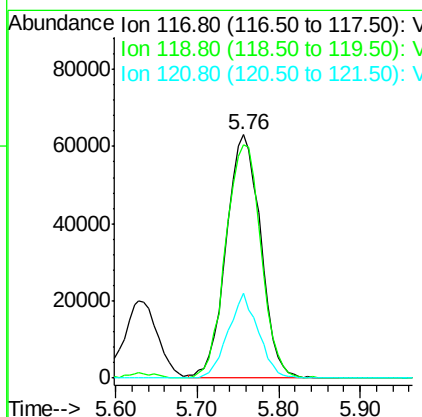
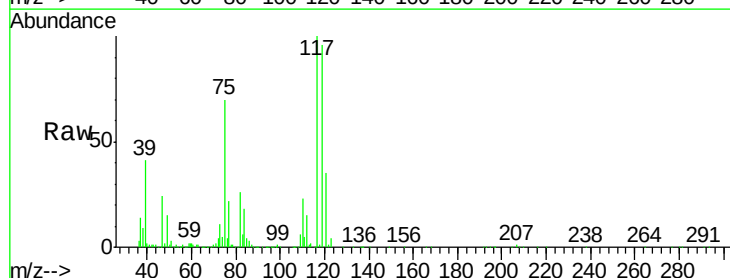
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

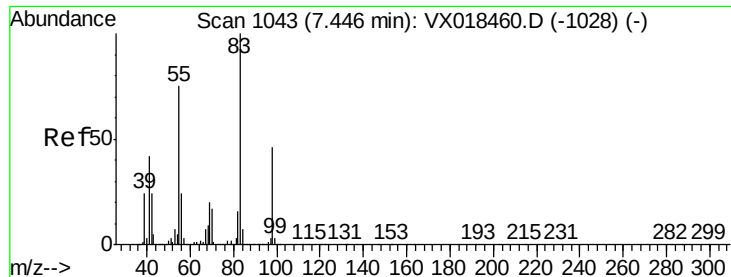
Tgt Ion: 43 Resp: 183750
 Ion Ratio Lower Upper
 43 100
 61 13.0 10.9 16.3
 70 10.4 8.3 12.5



#38
 Carbon Tetrachloride
 Concen: 19.516 ug/l
 RT: 5.76 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Tgt Ion: 117 Resp: 184559
 Ion Ratio Lower Upper
 117 100
 119 95.6 72.3 108.5
 121 34.7 23.8 35.8

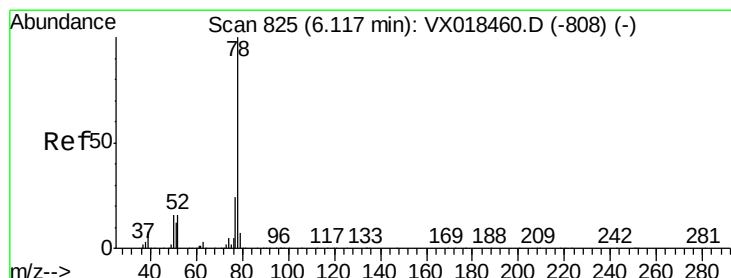
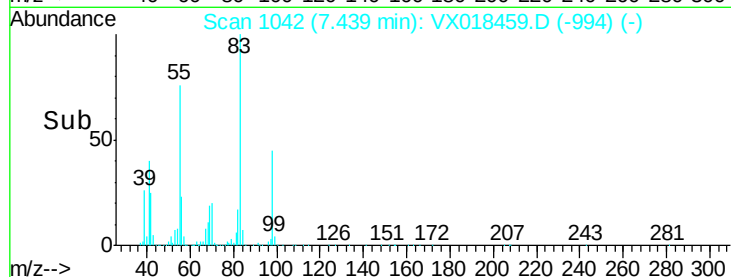
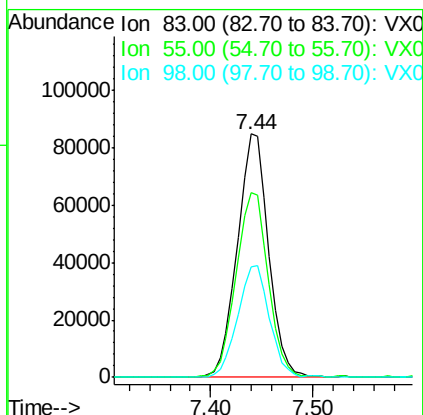
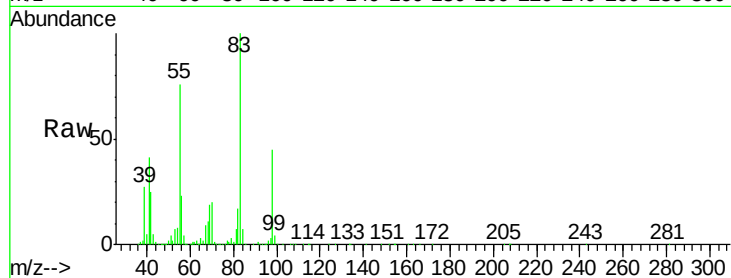




#39
Methylcyclohexane
Concen: 19.676 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

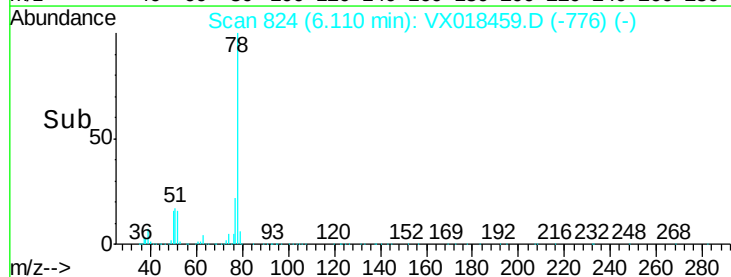
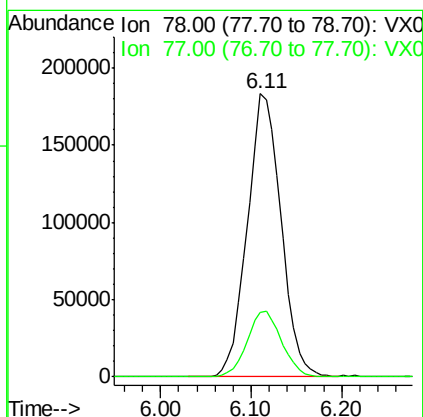
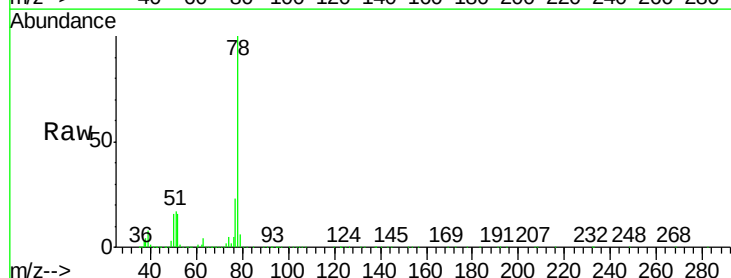
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

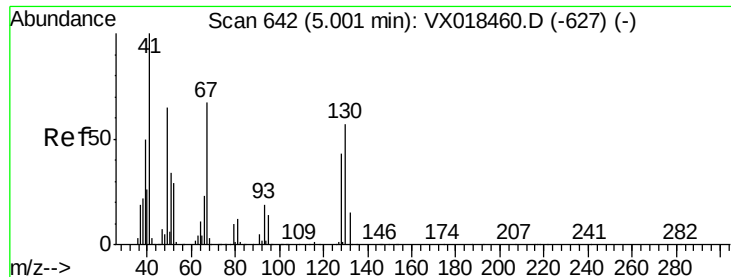
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.5	60.2	90.4
98	45.2	36.4	54.6



#40
Benzene
Concen: 19.249 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4

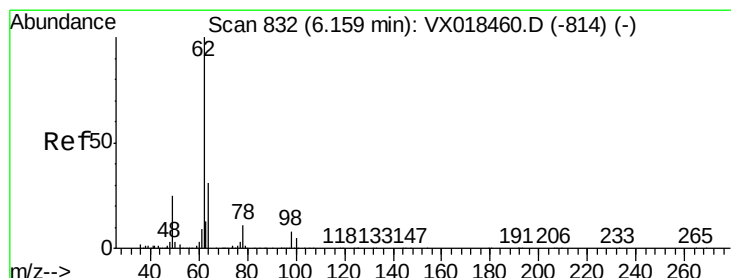
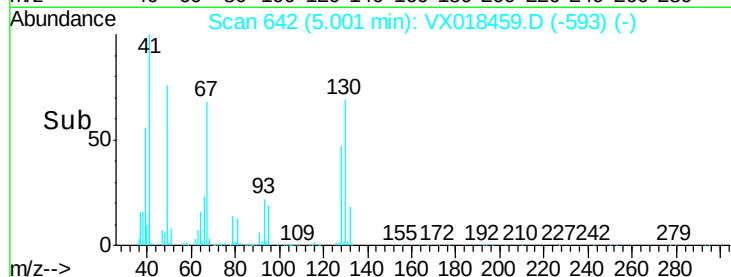
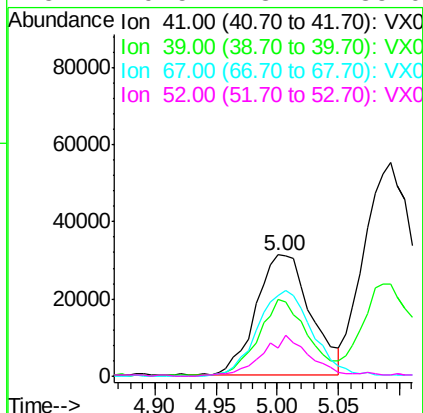
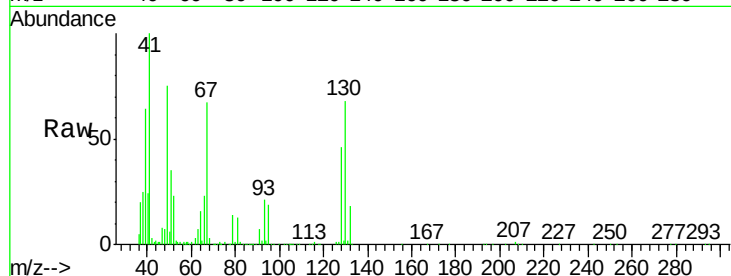




#41
Methacrylonitrile
Concen: 18.337 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

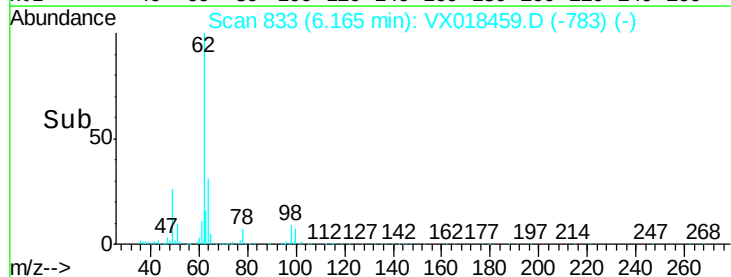
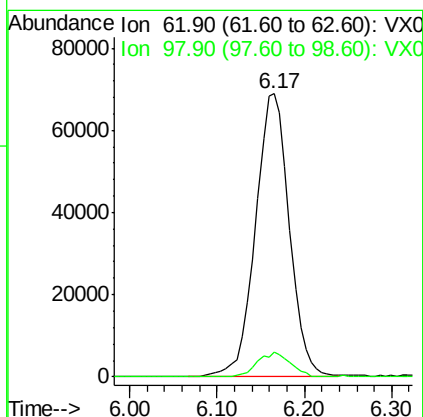
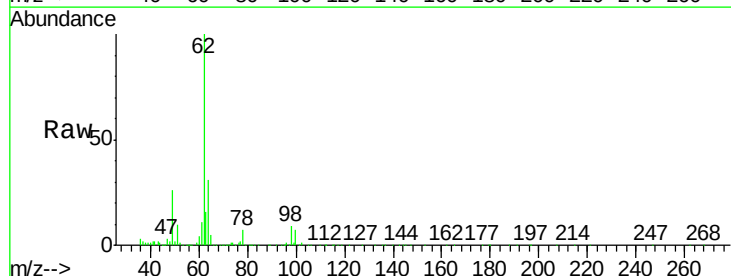
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

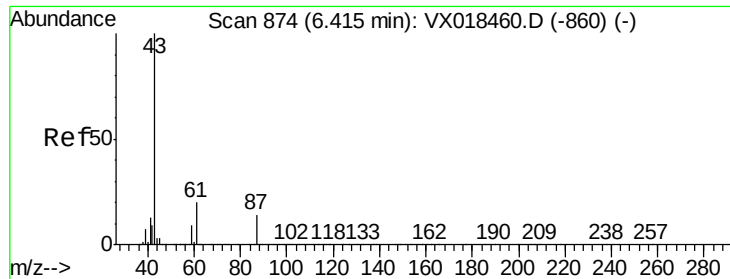
Tgt Ion:	41	Resp:	97140
Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.3	67.9
67	71.2	56.7	85.1
52	29.5	23.4	35.0



#42
1,2-Dichloroethane
Concen: 19.566 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion:	62	Resp:	184676
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.415 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

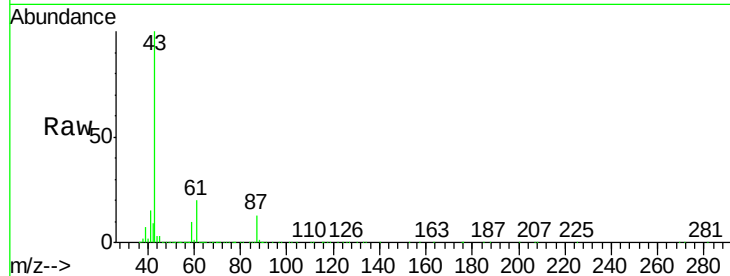
Tgt Ion: 43 Resp: 287447

Ion Ratio Lower Upper

43 100

61 19.7 15.7 23.5

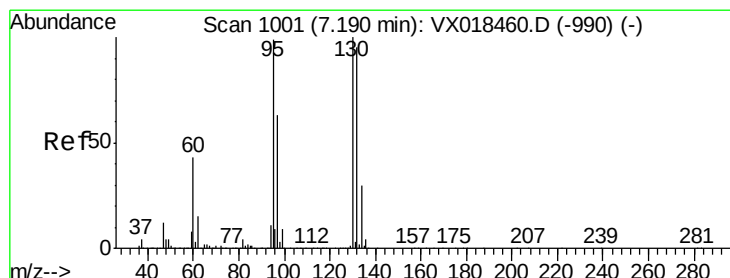
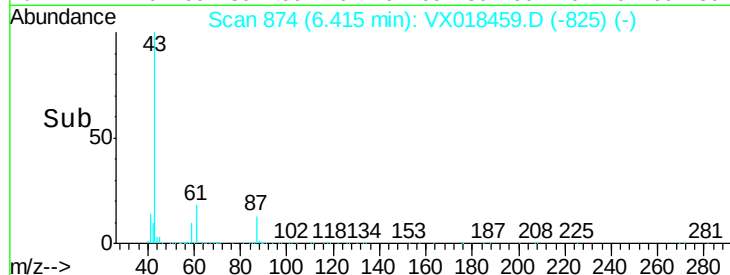
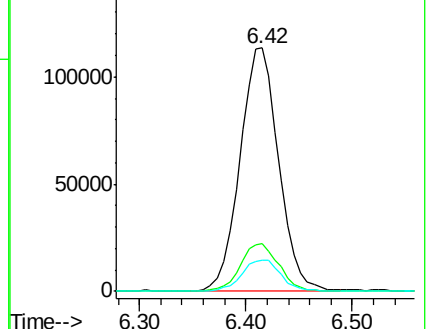
87 13.4 10.4 15.6



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: 19.086 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018459.D

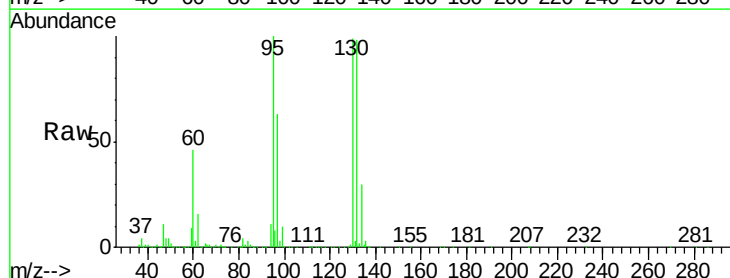
Acq: 17 Sep 2020 10:44

Tgt Ion: 130 Resp: 132803

Ion Ratio Lower Upper

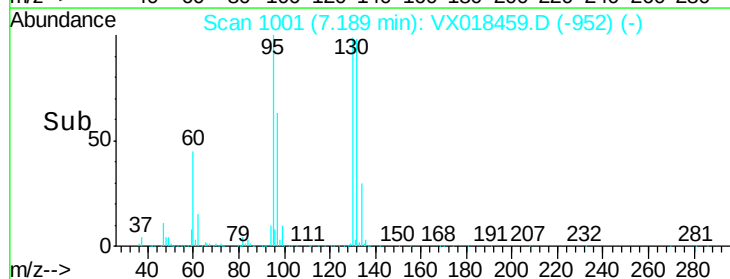
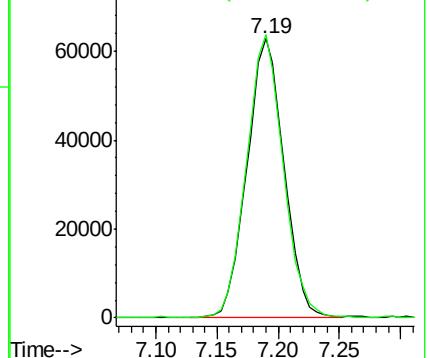
130 100

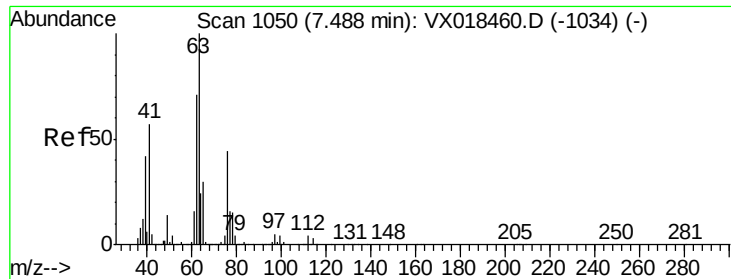
95 101.1 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.516 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

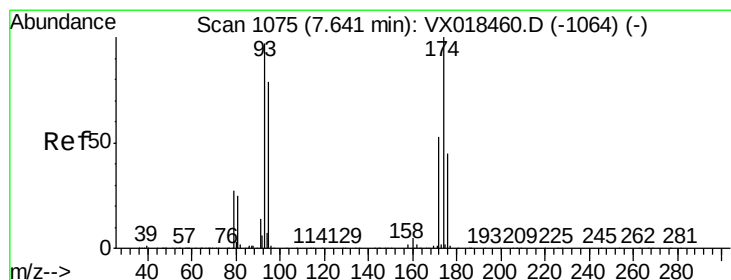
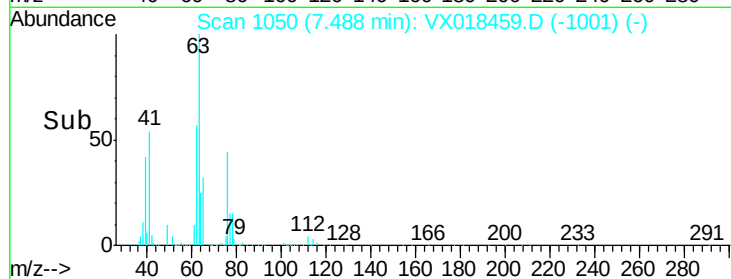
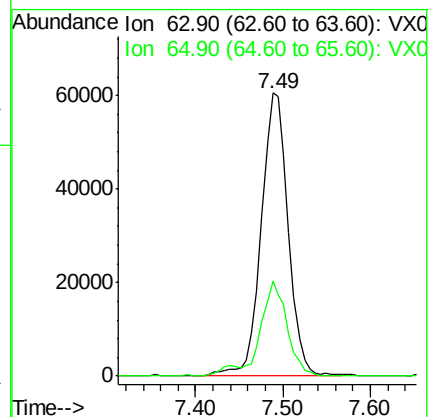
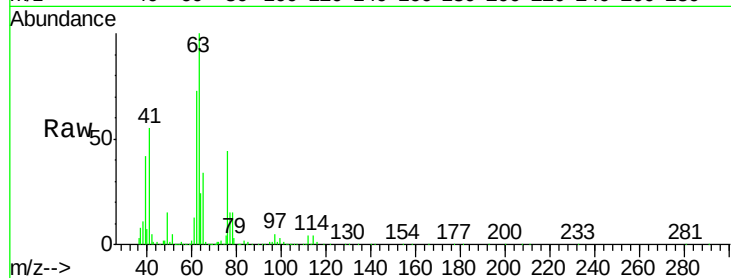
VSTDIC020

Tgt Ion: 63 Resp: 128734

Ion Ratio Lower Upper

63 100

65 33.4 24.1 36.1



#46

Dibromomethane

Concen: 18.863 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

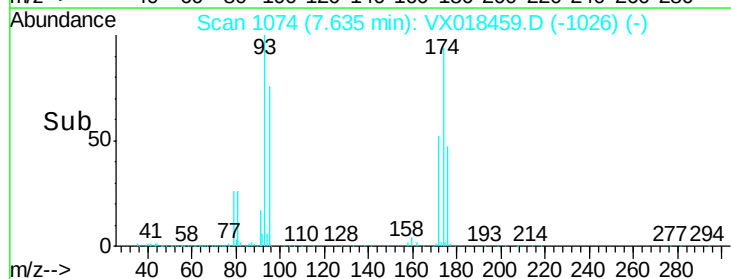
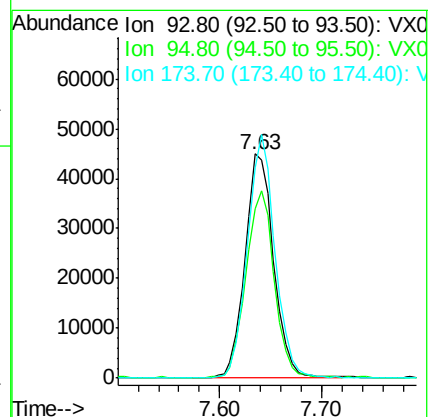
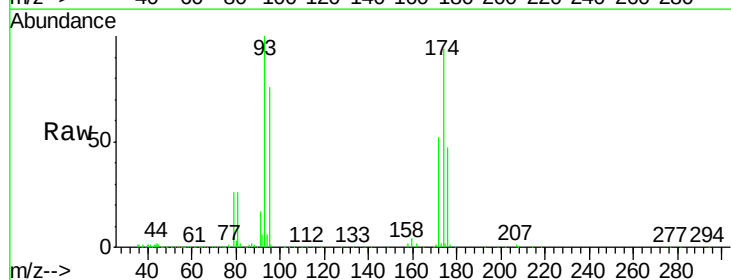
Tgt Ion: 93 Resp: 87921

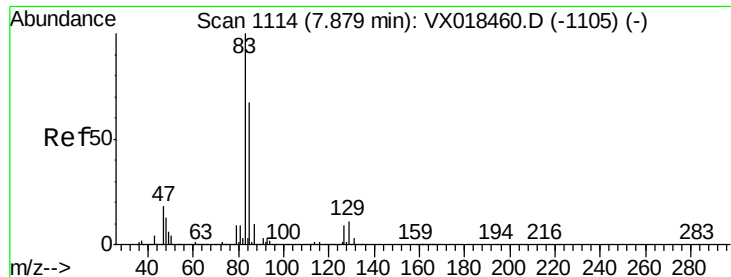
Ion Ratio Lower Upper

93 100

95 82.5 65.0 97.4

174 104.4 82.0 123.0





#47

Bromodichloromethane

Concen: 19.372 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

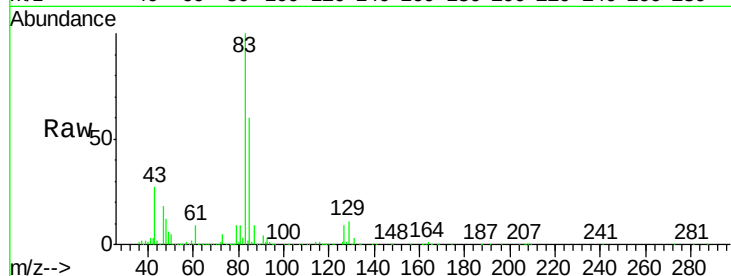
Tgt Ion: 83 Resp: 179808

Ion Ratio Lower Upper

83 100

85 59.6 53.3 79.9

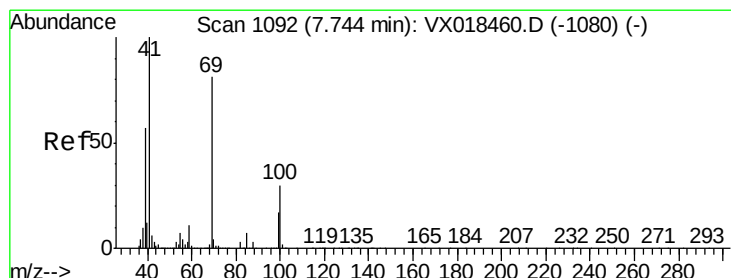
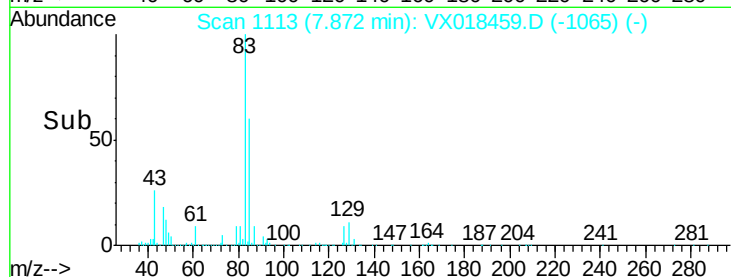
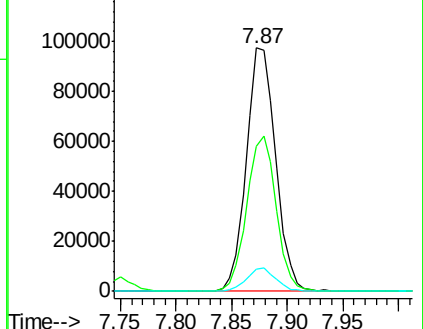
127 8.9 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.367 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

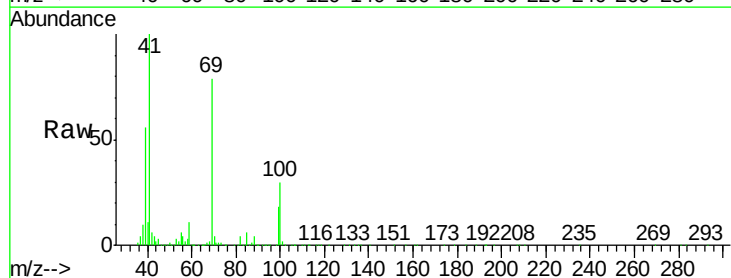
Tgt Ion: 41 Resp: 142646

Ion Ratio Lower Upper

41 100

69 81.1 63.7 95.5

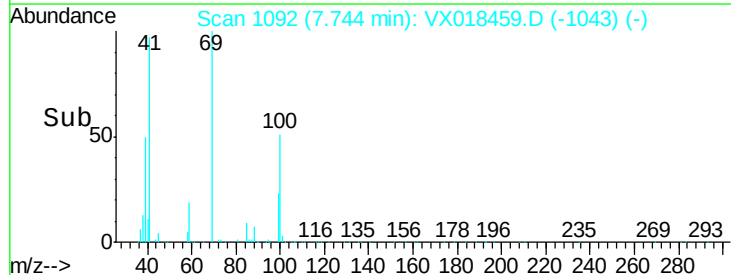
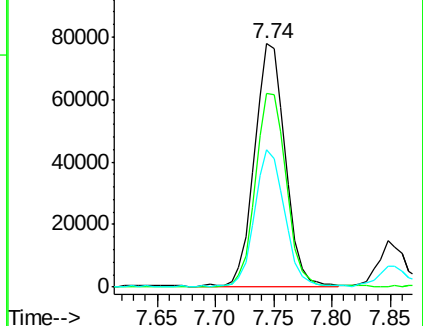
39 54.8 45.0 67.4

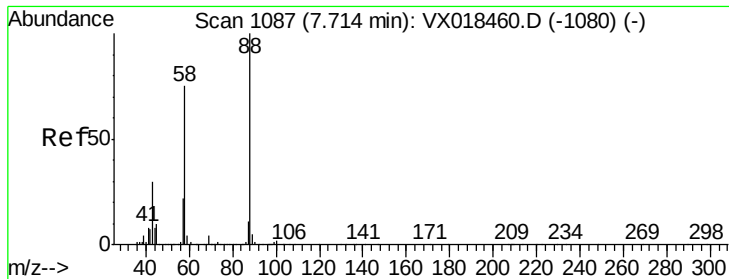


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

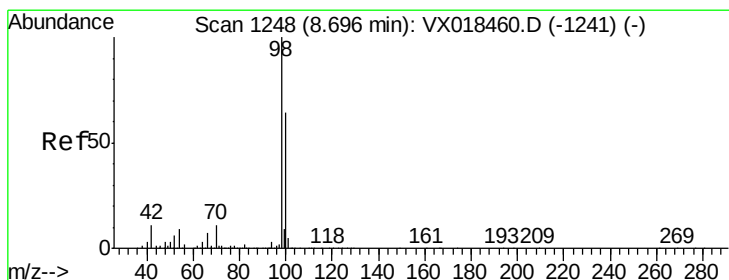
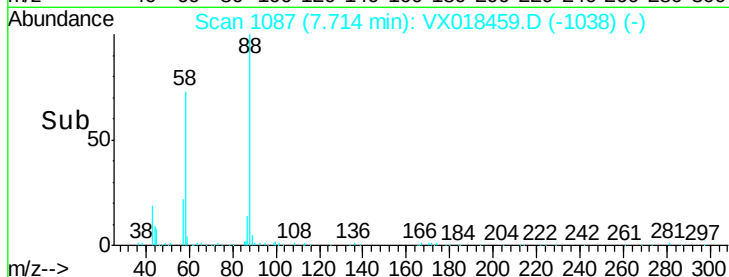
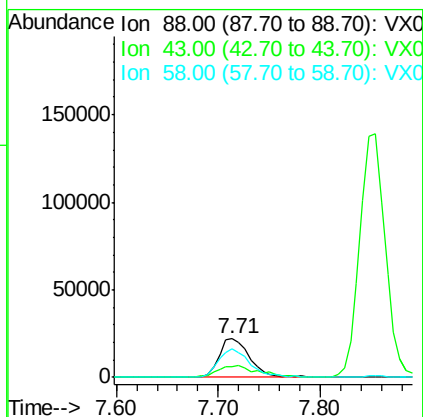
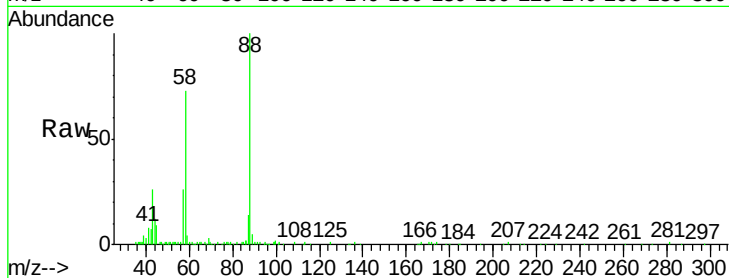




#49
1,4-Dioxane
Concen: 342.436 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

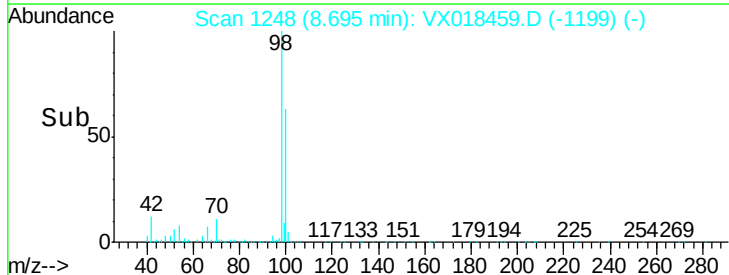
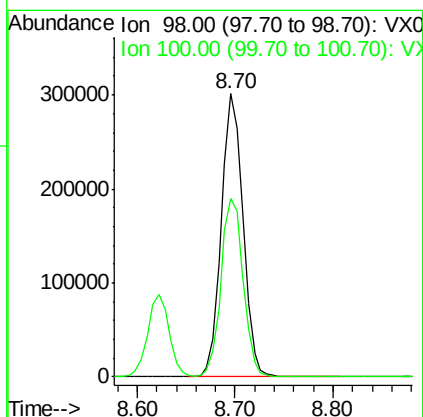
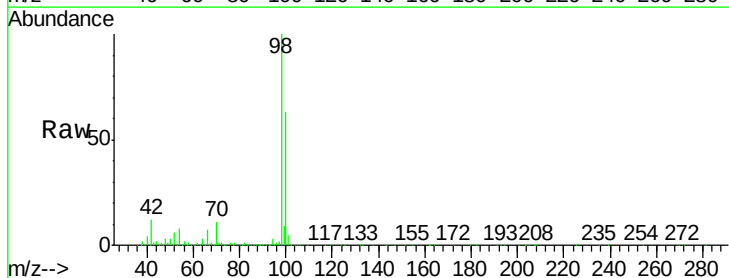
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

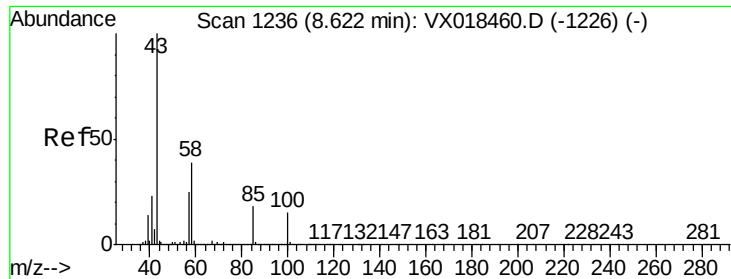
Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.8	29.9	44.9
58	75.6	59.0	88.6



#50
Toluene-d8
Concen: 20.398 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 94.350 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

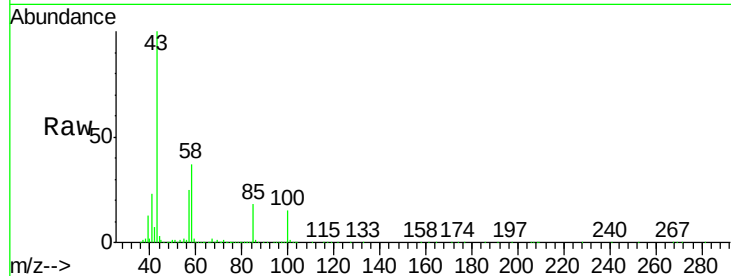
VSTDIC020

Tgt Ion: 43 Resp: 904074

Ion Ratio Lower Upper

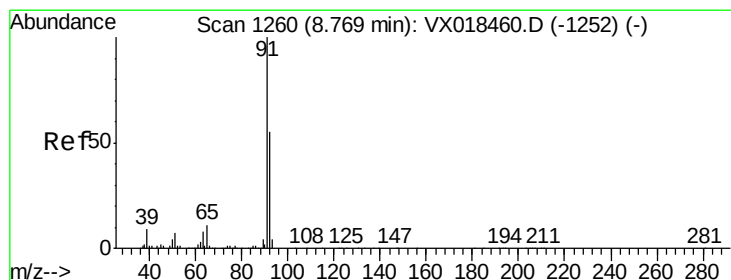
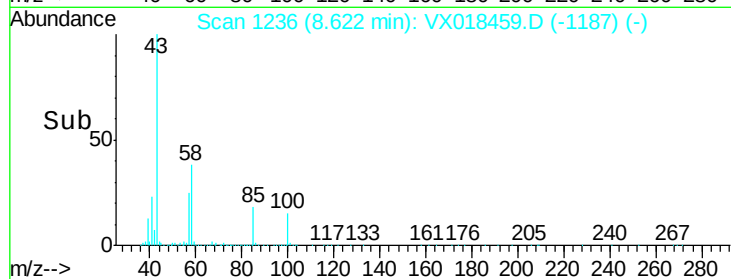
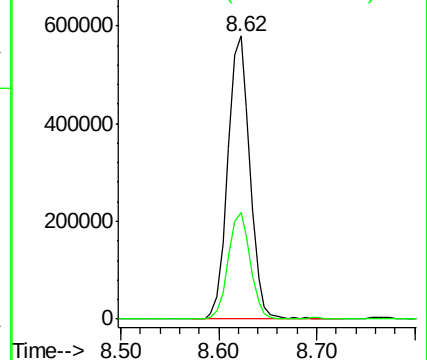
43 100

58 37.6 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.340 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018459.D

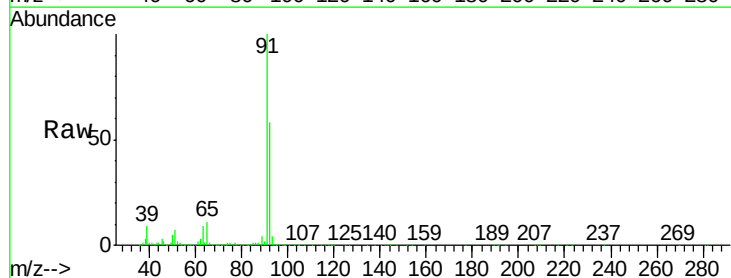
Acq: 17 Sep 2020 10:44

Tgt Ion: 92 Resp: 300043

Ion Ratio Lower Upper

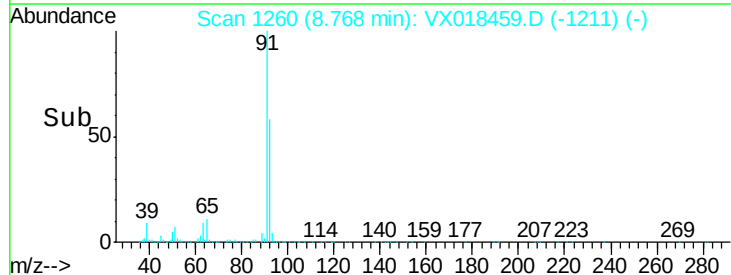
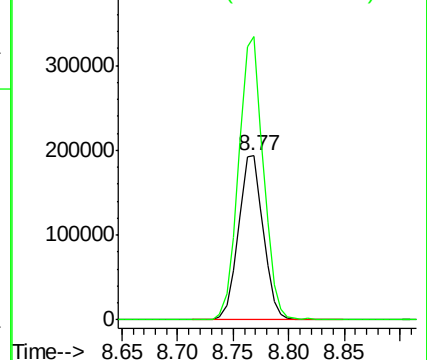
92 100

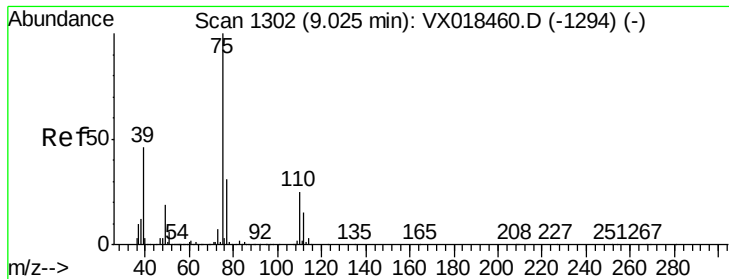
91 171.6 140.6 210.8



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: 19.371 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

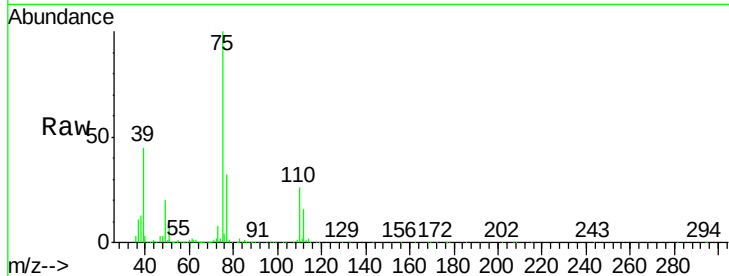
VSTDIC020

Tgt Ion: 75 Resp: 199732

Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

150000

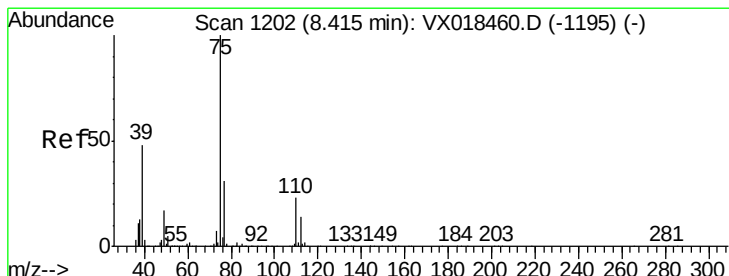
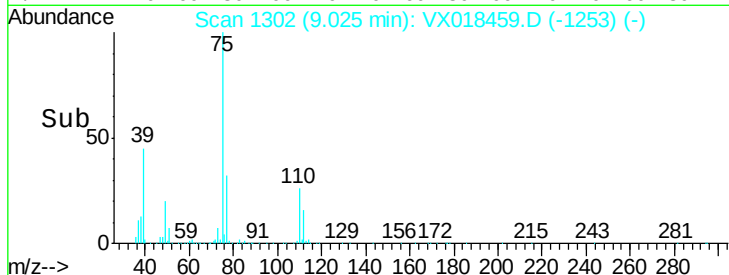
100000

50000

0

8.90 8.95 9.00 9.05 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.525 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

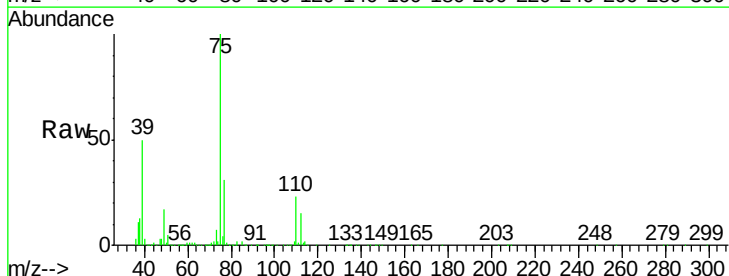
Tgt Ion: 75 Resp: 213374

Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2

39 49.4 38.6 58.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

150000

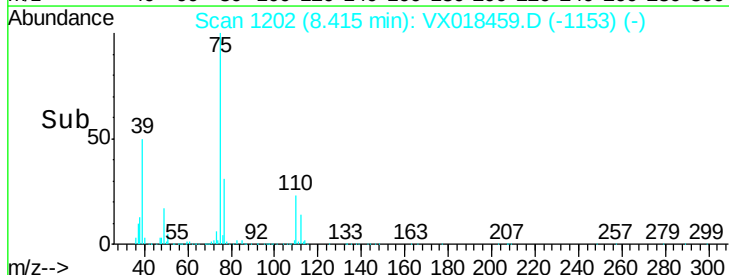
100000

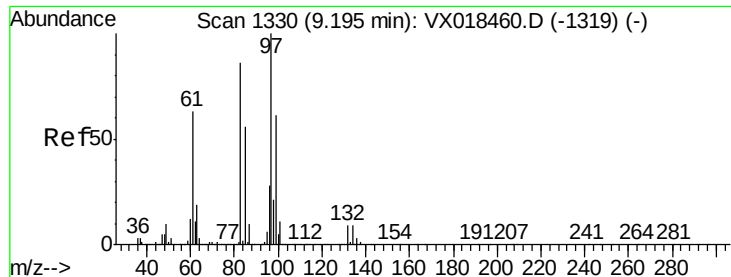
50000

0

8.30 8.35 8.40 8.45 8.50

Time-->

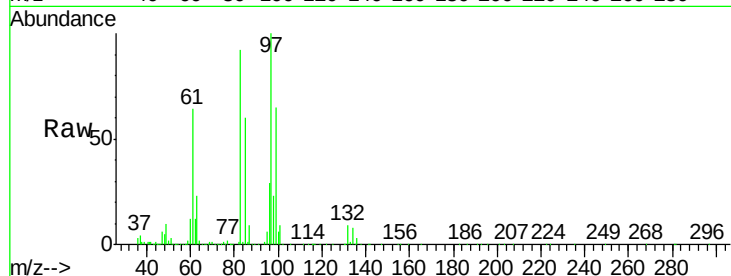




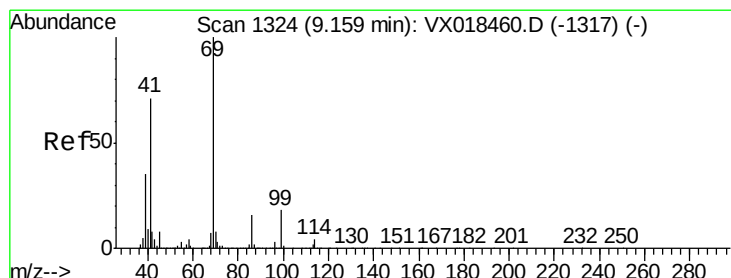
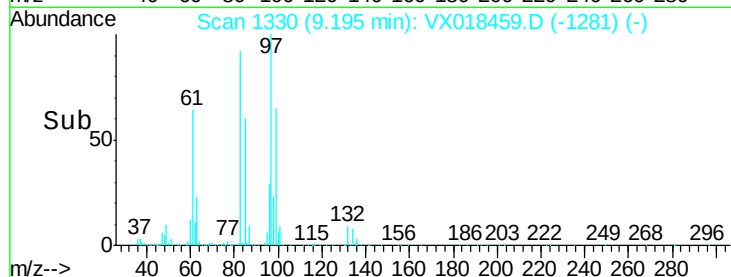
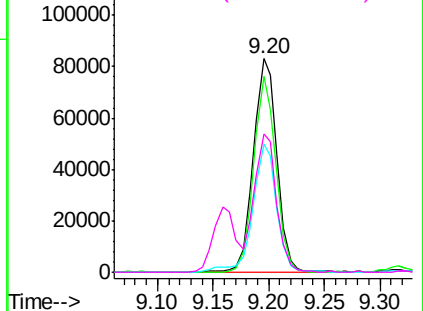
#55
 1,1,2-Trichloroethane
 Concen: 18.601 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:	97	Resp:	122839
Ion	Ratio	Lower	Upper
97	100		
83	91.8	68.5	102.7
85	59.5	44.8	67.2
99	64.8	48.9	73.3

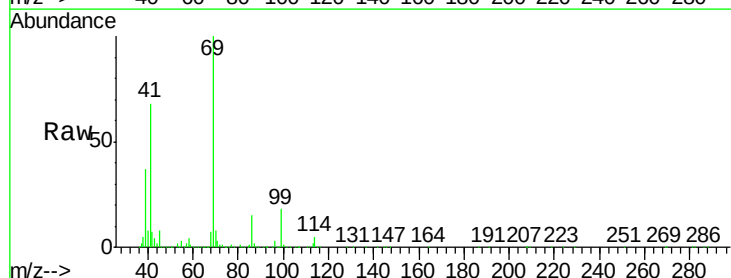


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

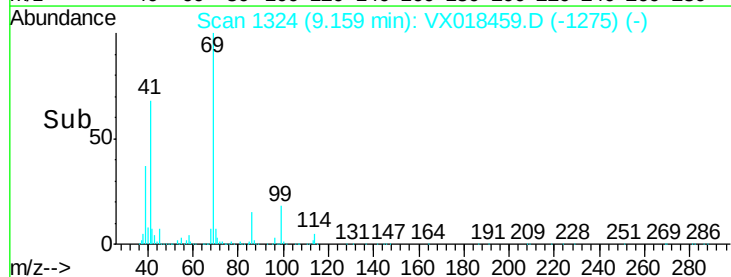
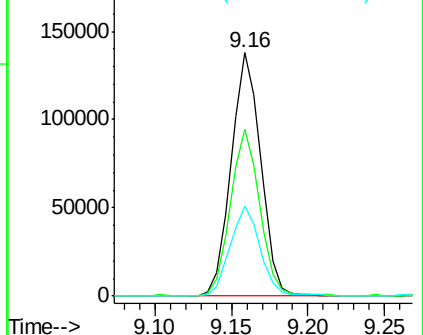


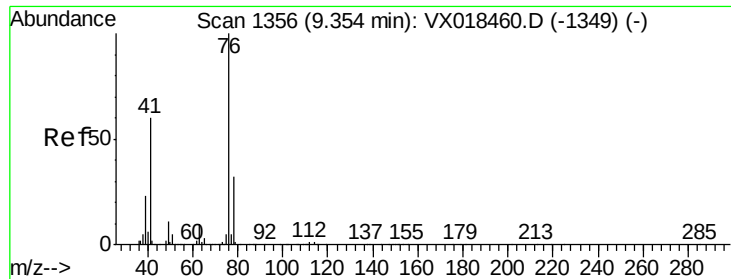
#56
 Ethyl methacrylate
 Concen: 18.749 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Tgt Ion:	69	Resp:	184396
Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.6	81.8
39	37.4	29.3	43.9



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: 19.122 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

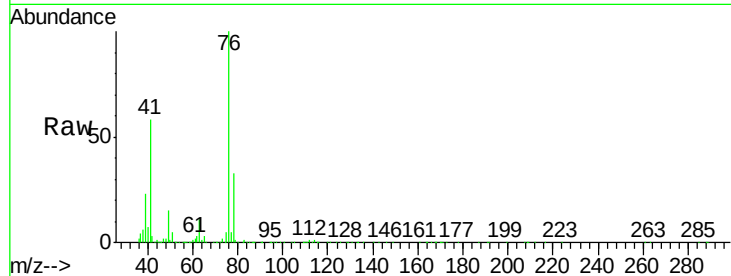
VSTDIC020

Tgt Ion: 76 Resp: 208594

Ion Ratio Lower Upper

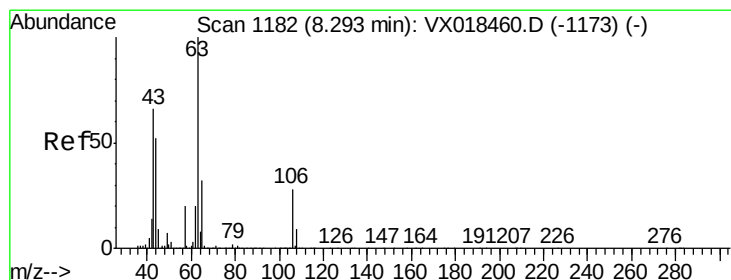
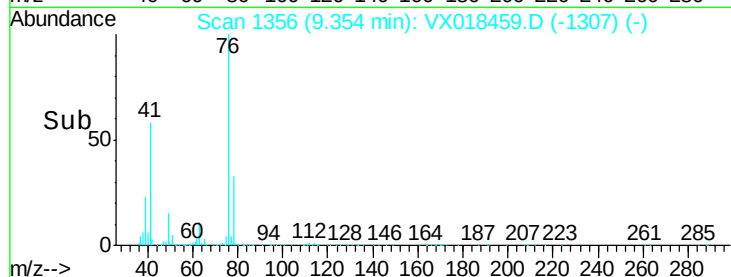
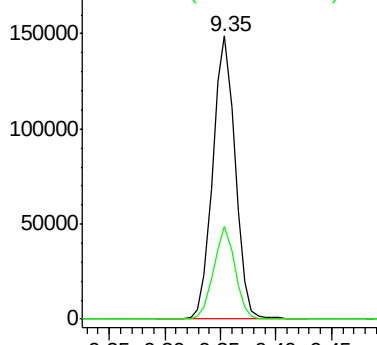
76 100

78 31.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 109.239 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018459.D

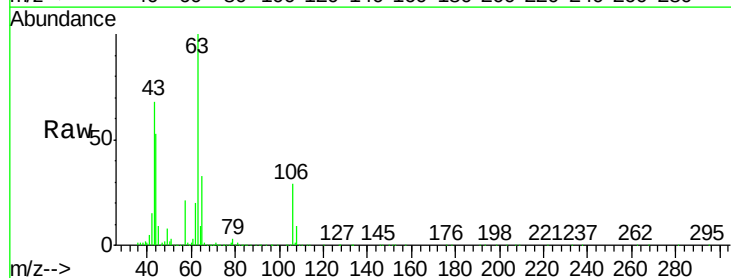
Acq: 17 Sep 2020 10:44

Tgt Ion: 63 Resp: 499082

Ion Ratio Lower Upper

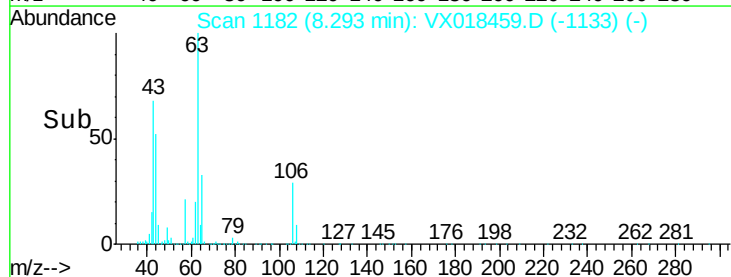
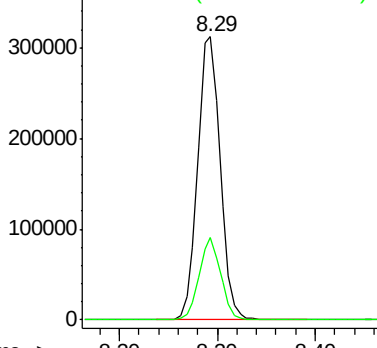
63 100

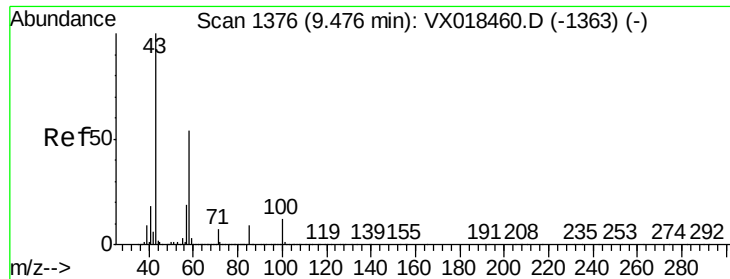
106 27.9 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

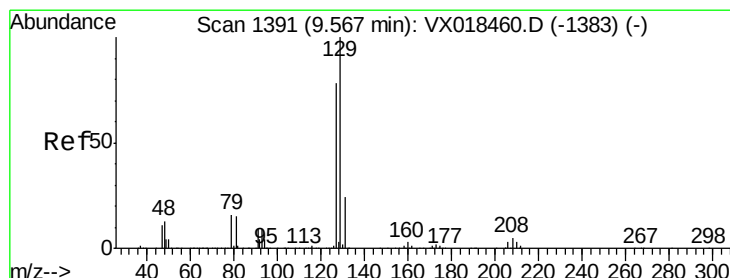
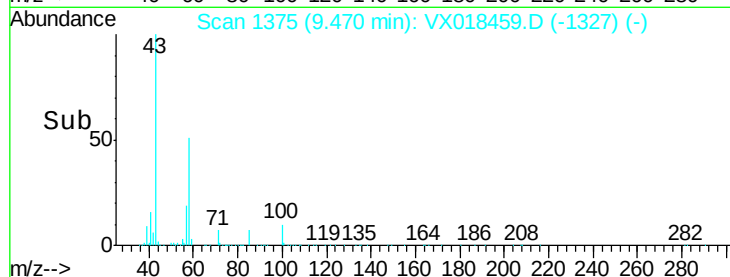
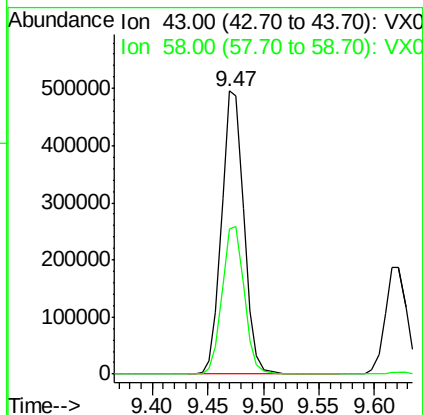
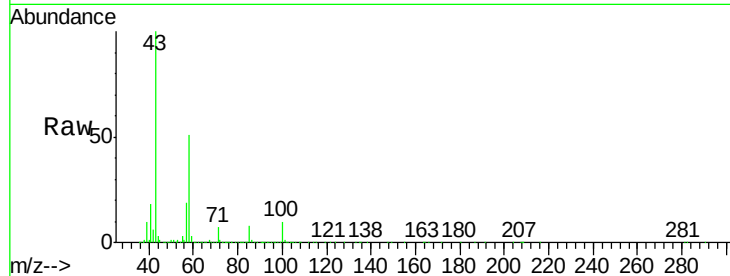




#59
2-Hexanone
Concen: 94.455 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

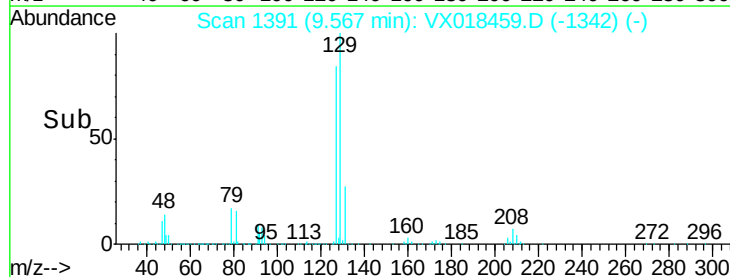
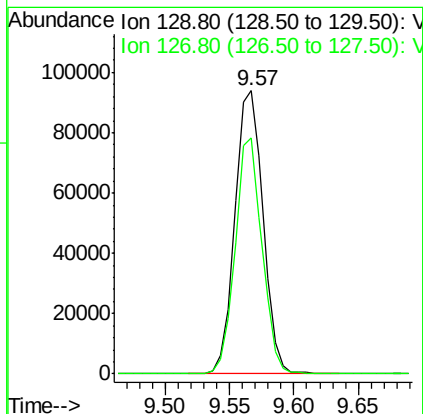
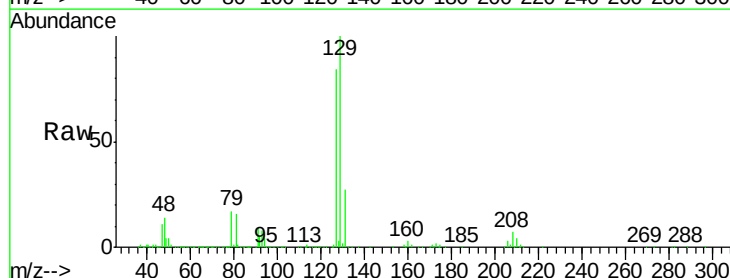
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

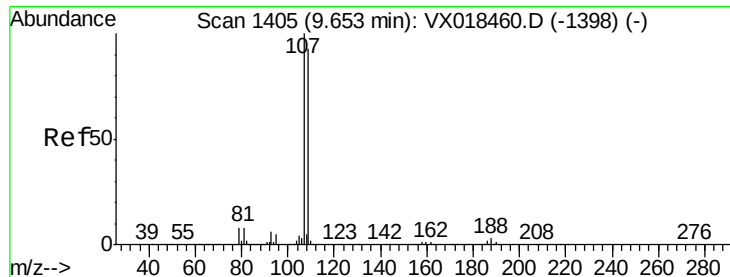
Tgt Ion: 43 Resp: 687477
Ion Ratio Lower Upper
43 100
58 52.2 26.5 79.4



#60
Dibromochloromethane
Concen: 18.377 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion: 129 Resp: 142592
Ion Ratio Lower Upper
129 100
127 79.8 39.0 117.0

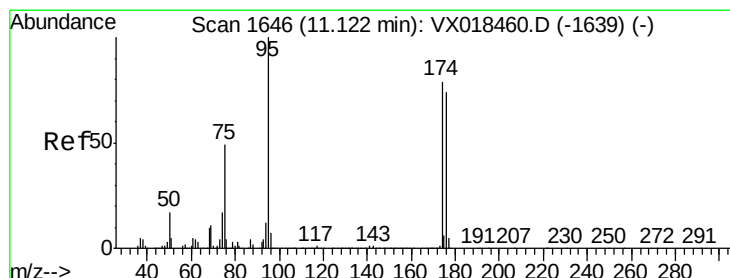
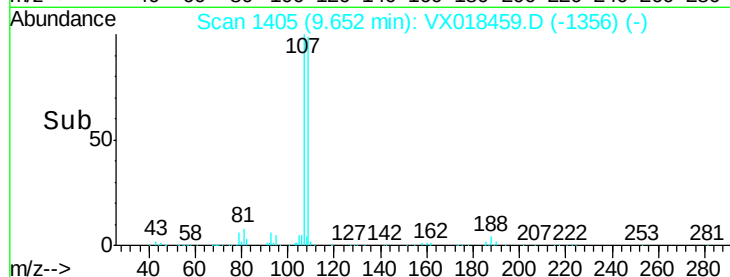
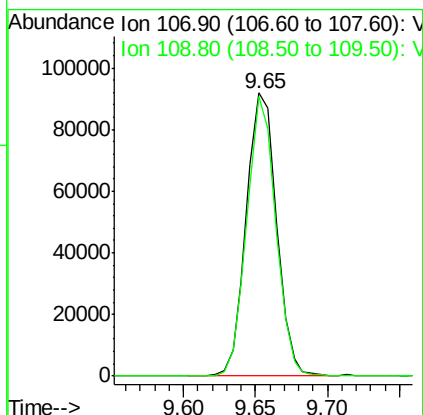
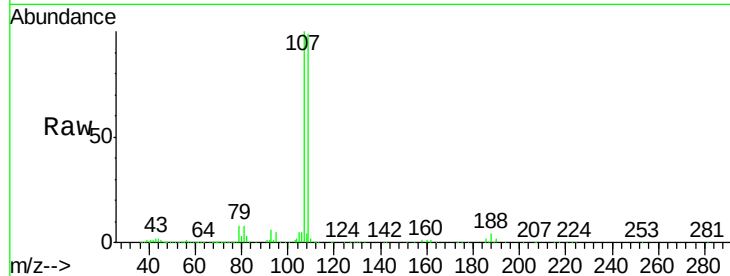




#61
 1,2-Dibromoethane
 Concen: 18.655 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

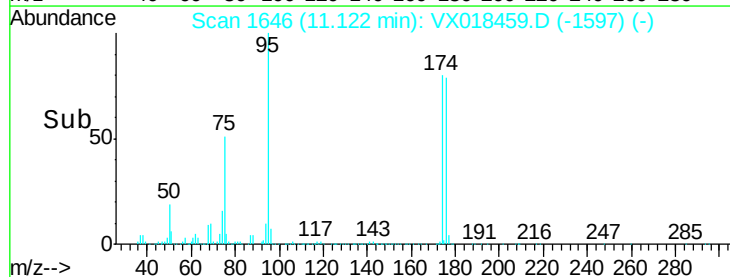
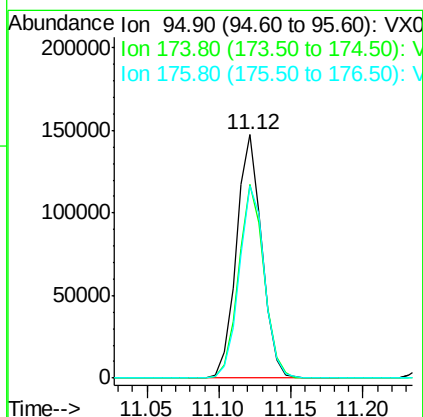
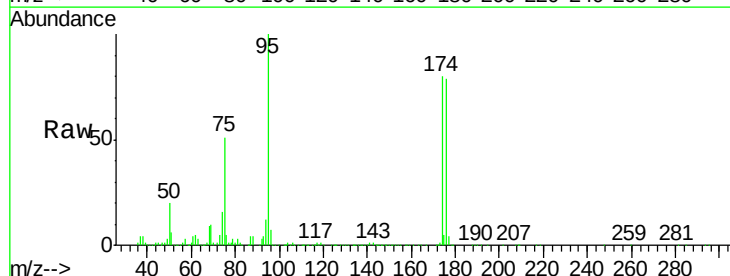
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

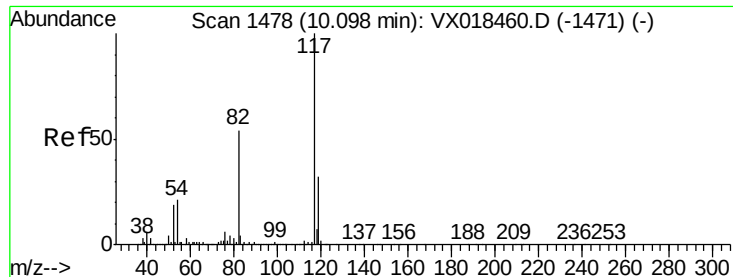
Tgt Ion: 107 Resp: 133672
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 20.231 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Tgt Ion: 95 Resp: 180871
 Ion Ratio Lower Upper
 95 100
 174 79.6 0.0 161.4
 176 78.1 0.0 151.4

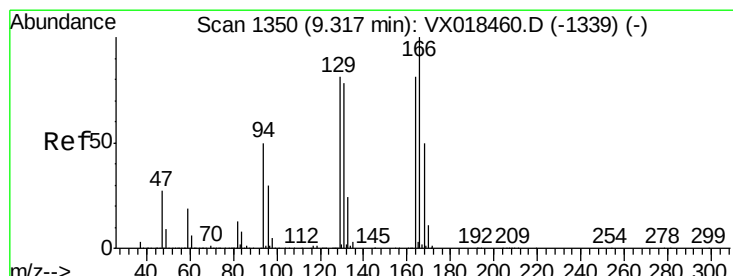
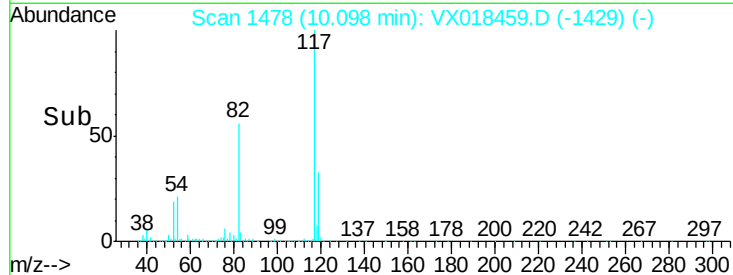
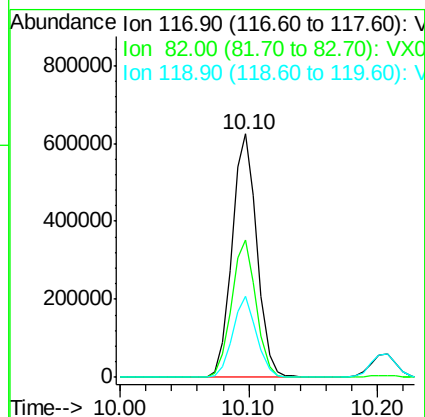
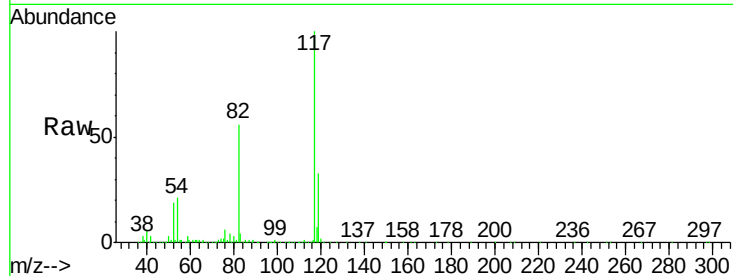




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

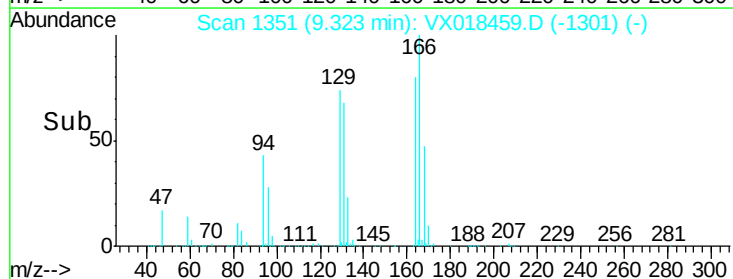
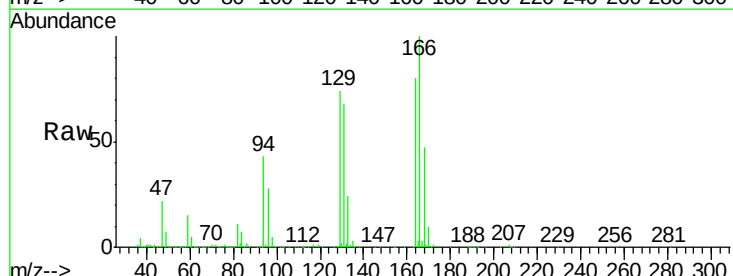
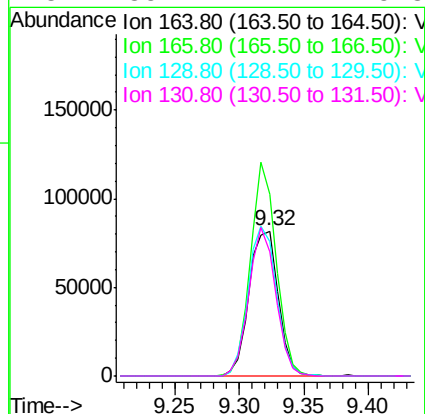
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

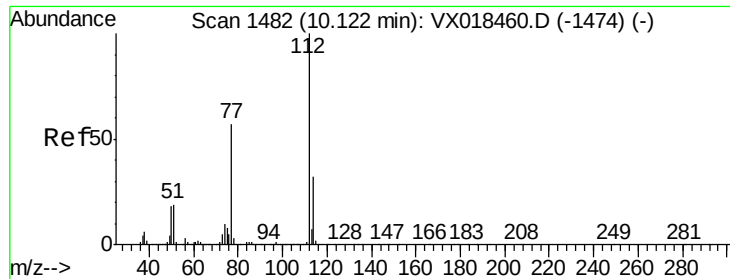
Tgt Ion:117 Resp: 842547
Ion Ratio Lower Upper
117 100
82 56.3 43.3 64.9
119 33.3 25.9 38.9



#64
Tetrachloroethene
Concen: 20.450 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion:164 Resp: 127244
Ion Ratio Lower Upper
164 100
166 124.8 99.3 148.9
129 92.1 80.7 121.1
131 85.4 77.2 115.8





#65

Chlorobenzene

Concen: 19.511 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

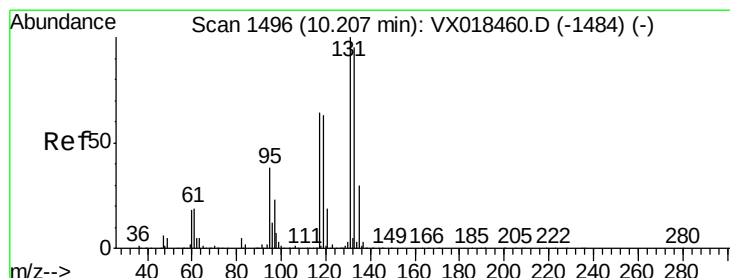
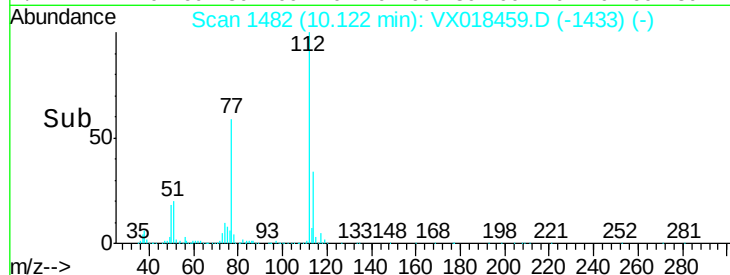
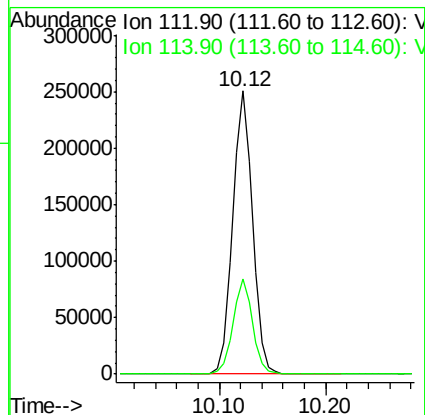
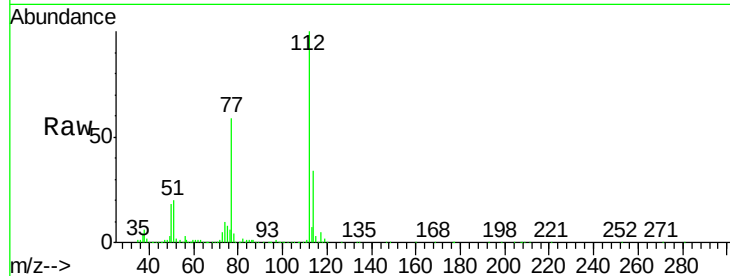
VSTDIC020

Tgt Ion:112 Resp: 329004

Ion Ratio Lower Upper

112 100

114 33.6 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 19.397 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

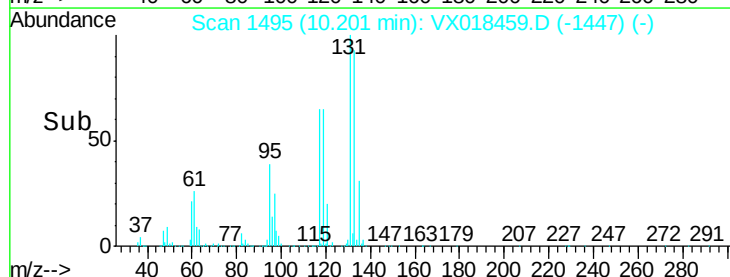
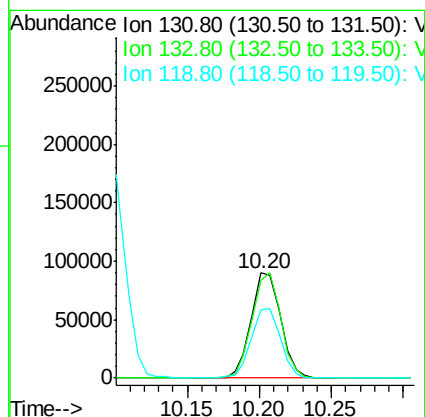
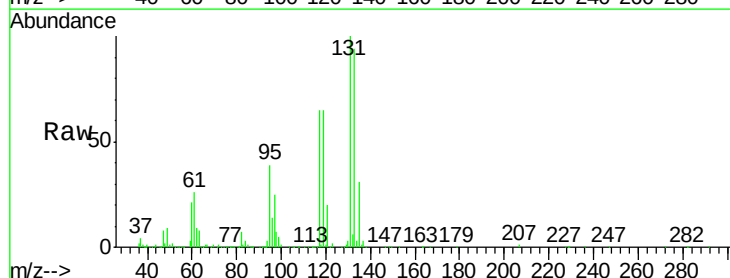
Tgt Ion:131 Resp: 129170

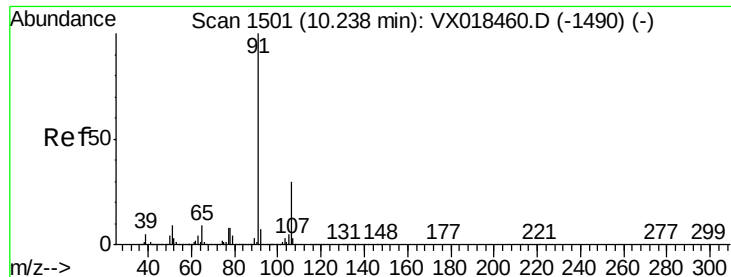
Ion Ratio Lower Upper

131 100

133 95.4 47.8 143.4

119 64.4 31.9 95.7

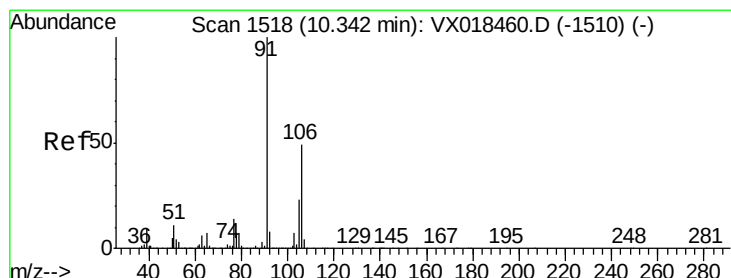
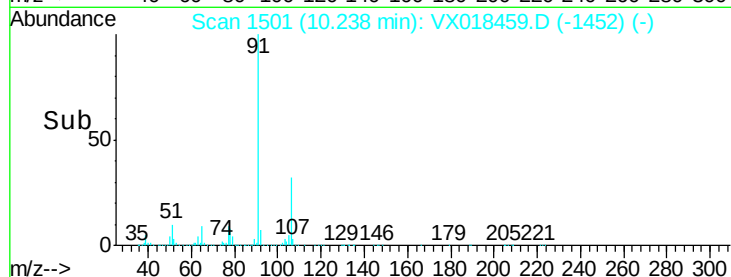
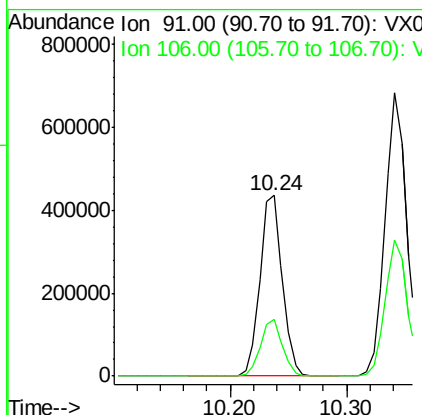
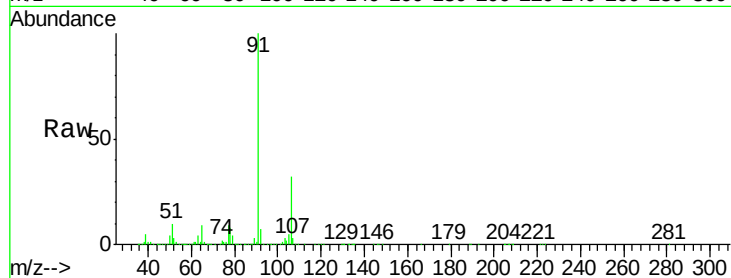




#67
Ethyl Benzene
Concen: 20.174 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

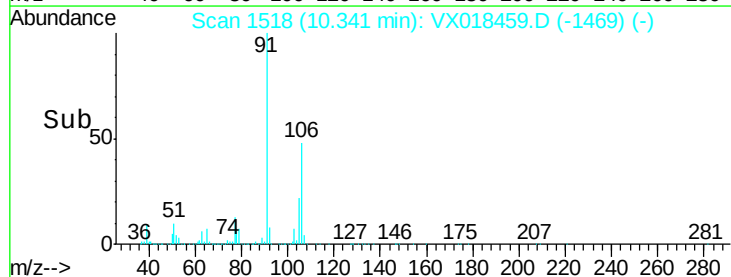
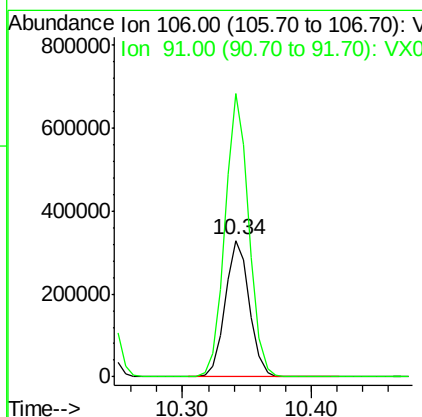
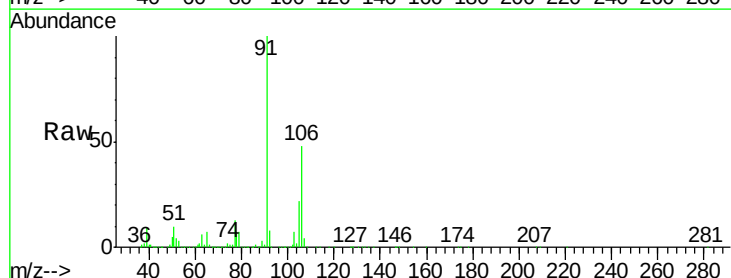
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

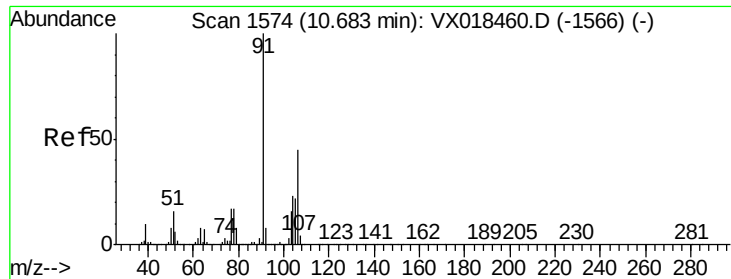
Tgt Ion: 91 Resp: 580402
Ion Ratio Lower Upper
91 100
106 31.7 24.1 36.1



#68
m/p-Xylenes
Concen: 40.553 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion: 106 Resp: 433995
Ion Ratio Lower Upper
106 100
91 204.5 163.8 245.6

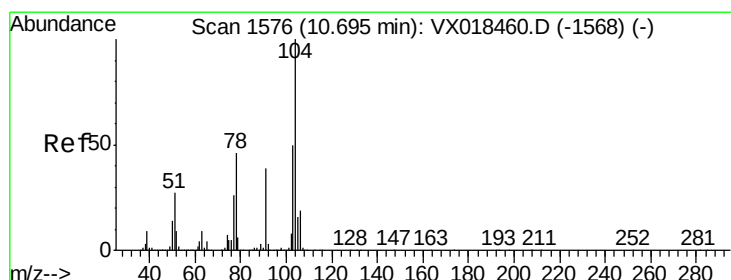
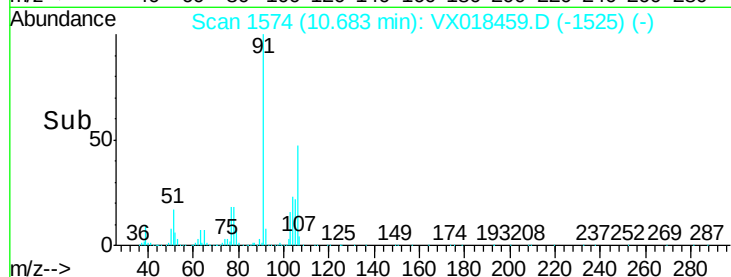
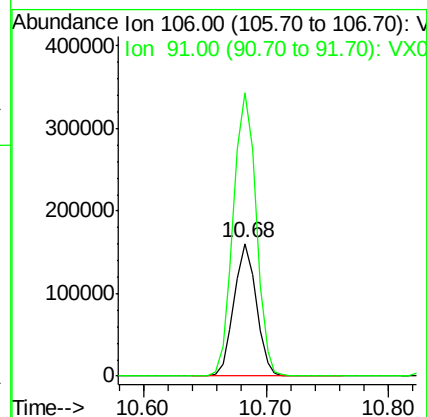
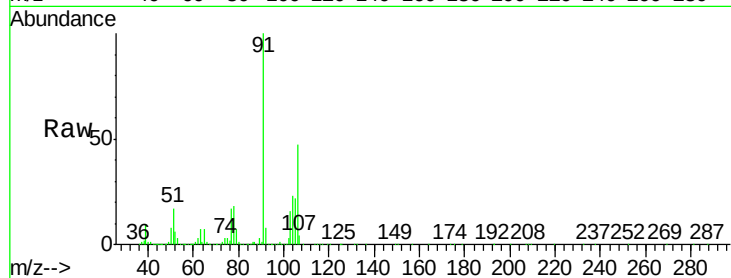




#69
o-Xylene
Concen: 19.461 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

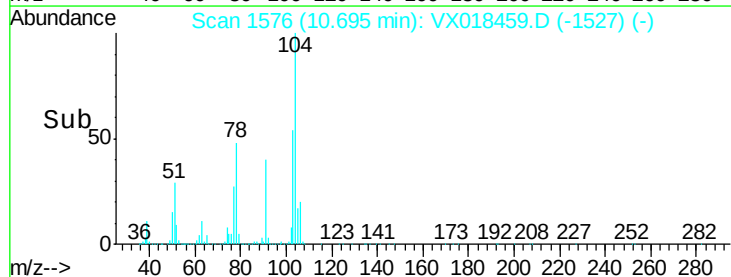
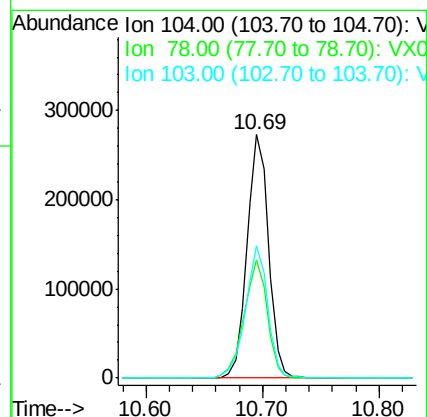
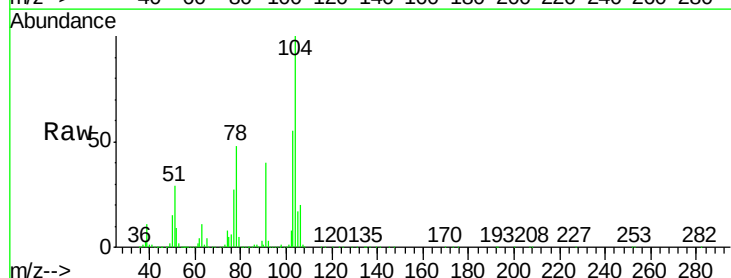
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

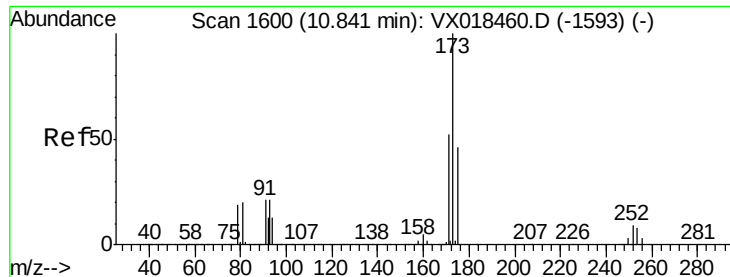
Tgt Ion:106 Resp: 202335
Ion Ratio Lower Upper
106 100
91 219.3 109.7 329.0



#70
Styrene
Concen: 19.893 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion:104 Resp: 353200
Ion Ratio Lower Upper
104 100
78 52.7 40.5 60.7
103 56.3 43.2 64.8

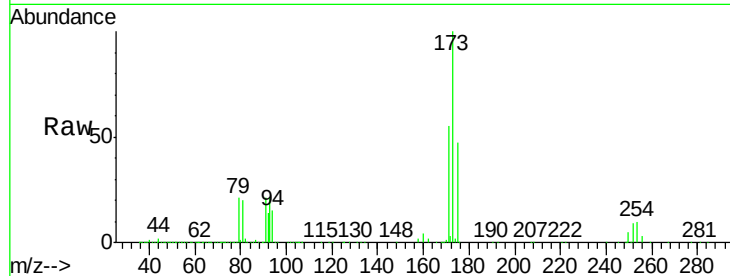




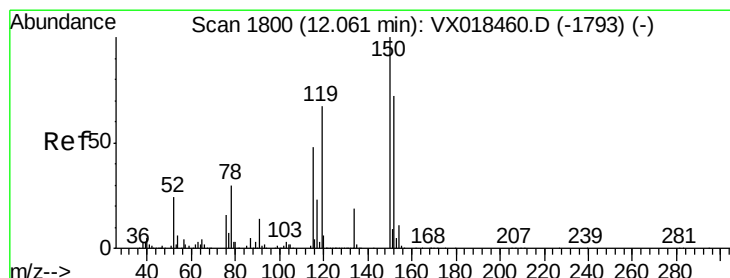
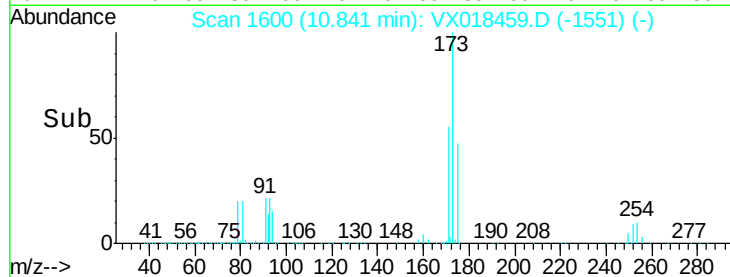
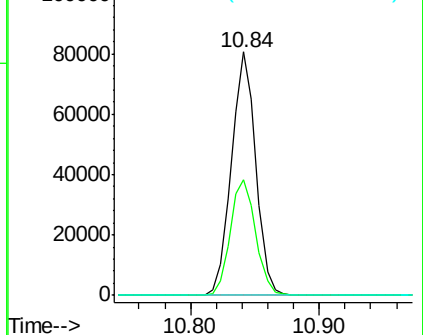
#71
Bromoform
Concen: 18.777 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion:173 Resp: 106597
Ion Ratio Lower Upper
173 100
175 49.6 23.6 70.8
254 0.2 0.1 0.1#

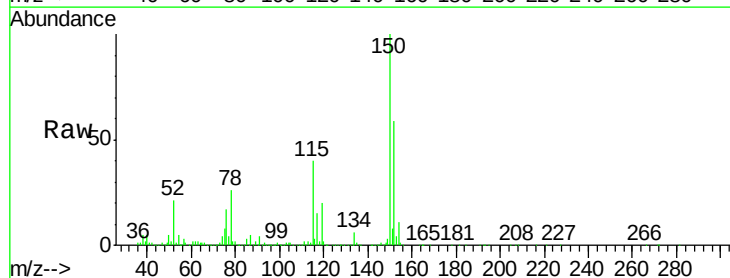


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

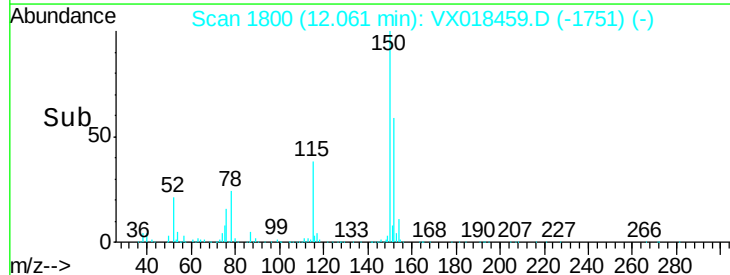
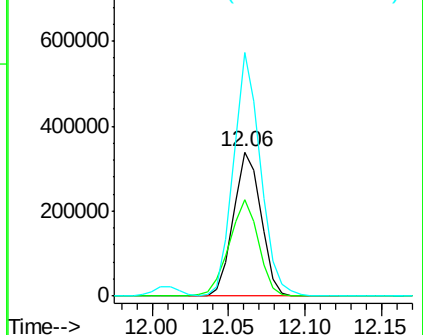


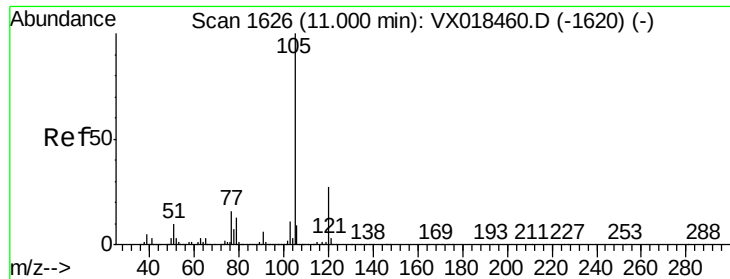
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion:152 Resp: 422164
Ion Ratio Lower Upper
152 100
115 71.5 41.8 125.4
150 166.6 0.0 342.4



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

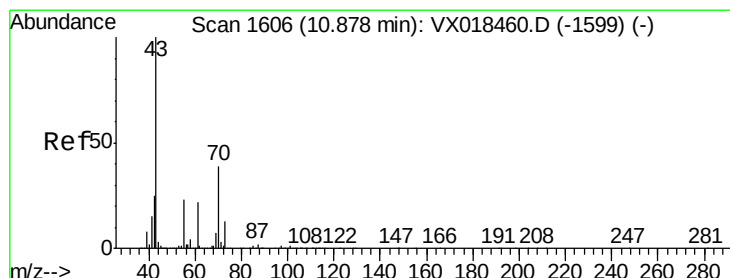
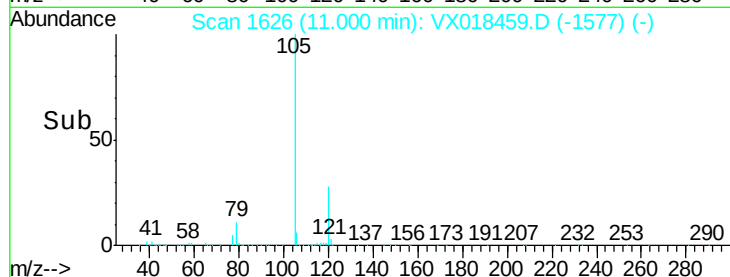
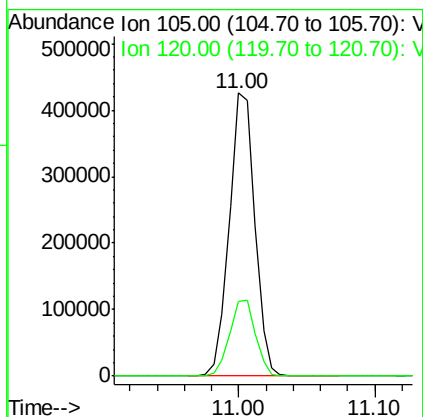
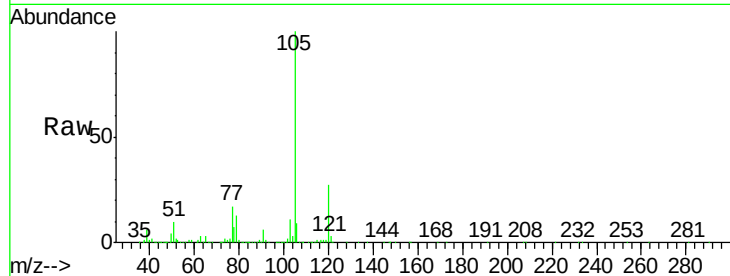




#73
Isopropylbenzene
Concen: 20.081 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

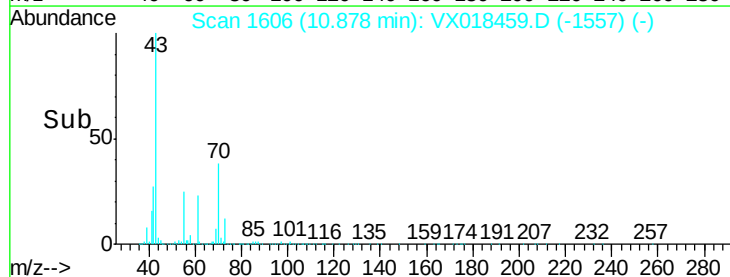
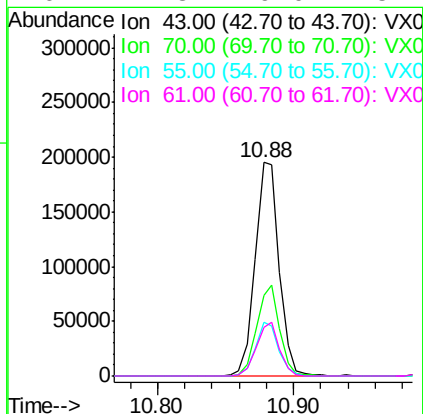
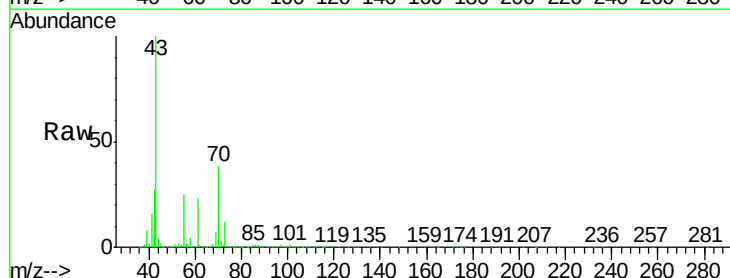
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

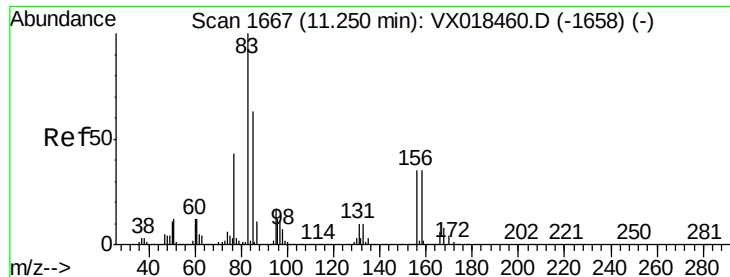
Tgt Ion: 105 Resp: 557076
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2



#74
N-ethyl acetate
Concen: 18.527 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion: 43 Resp: 241383
Ion Ratio Lower Upper
43 100
70 40.5 32.2 48.4
55 24.2 18.8 28.2
61 24.3 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.856 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

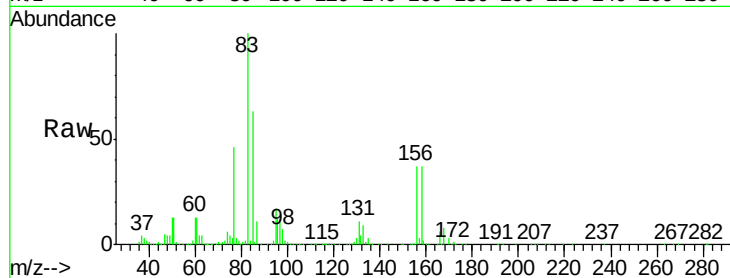
Tgt Ion: 83 Resp: 184115

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.4

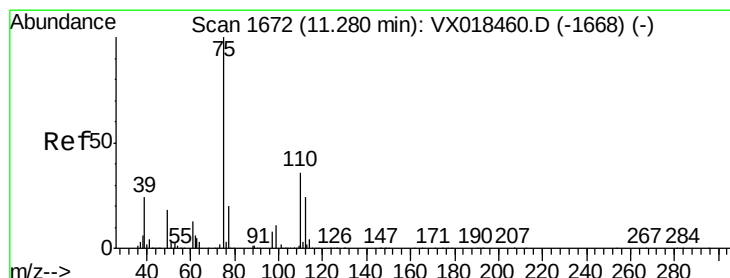
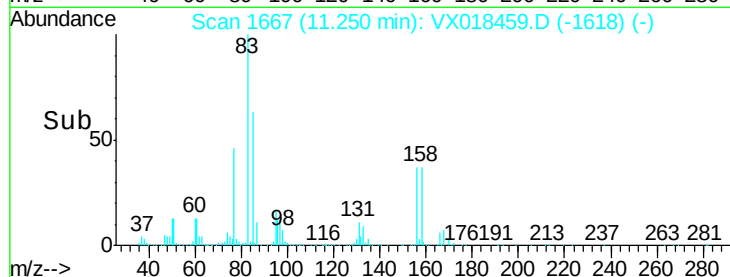
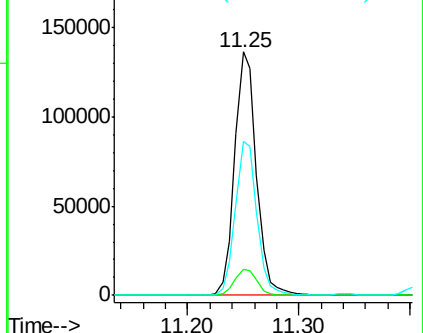
85 63.8 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.409 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018459.D

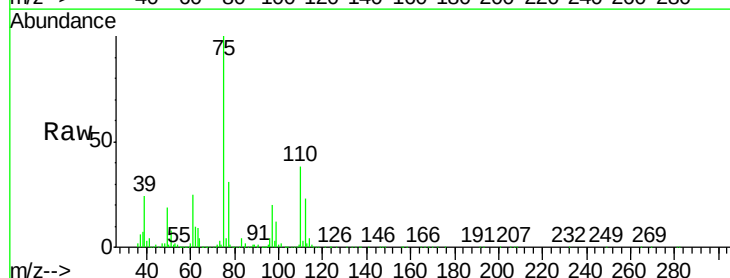
Acq: 17 Sep 2020 10:44

Tgt Ion: 75 Resp: 227584

Ion Ratio Lower Upper

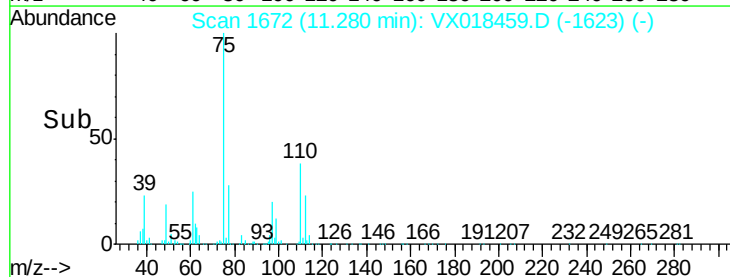
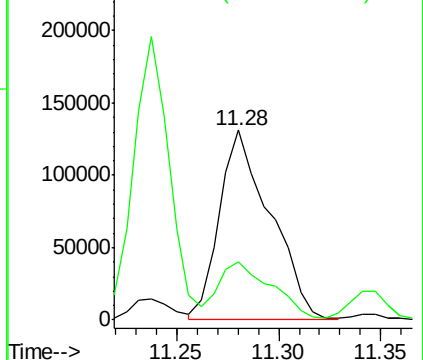
75 100

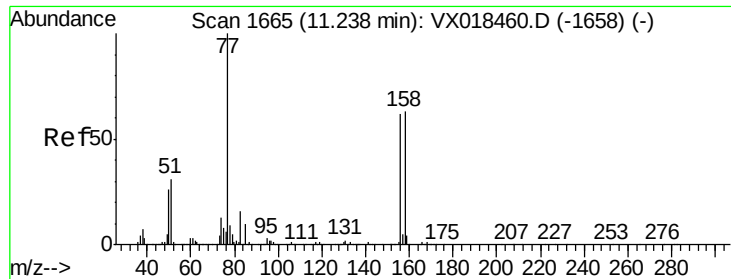
77 31.9 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.659 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

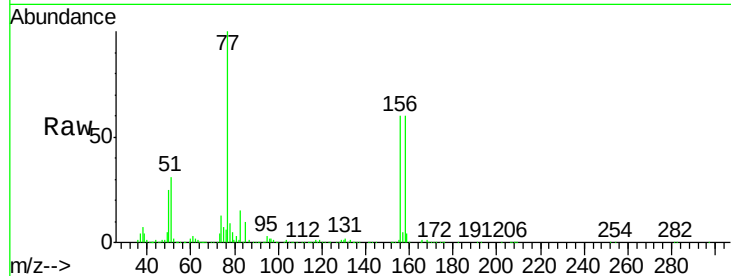
Tgt Ion:156 Resp: 151259

Ion Ratio Lower Upper

156 100

77 157.7 78.8 236.5

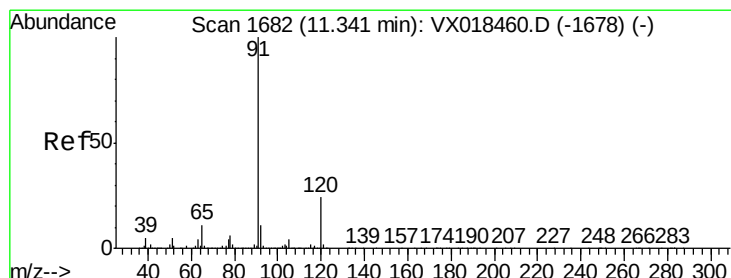
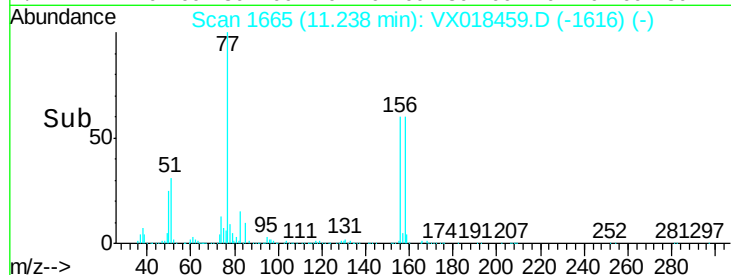
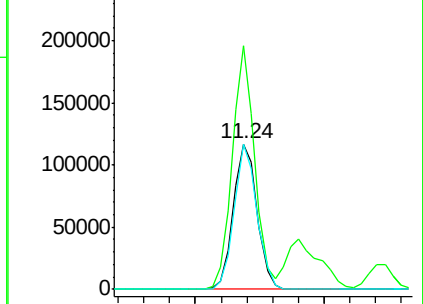
158 95.4 48.4 145.3



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: 20.579 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX018459.D

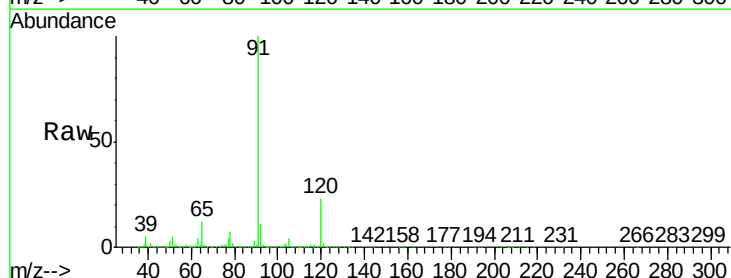
Acq: 17 Sep 2020 10:44

Tgt Ion: 91 Resp: 652964

Ion Ratio Lower Upper

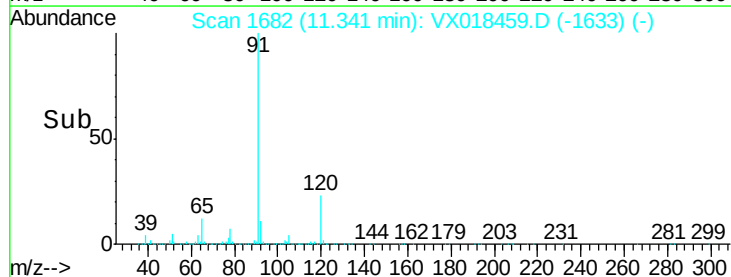
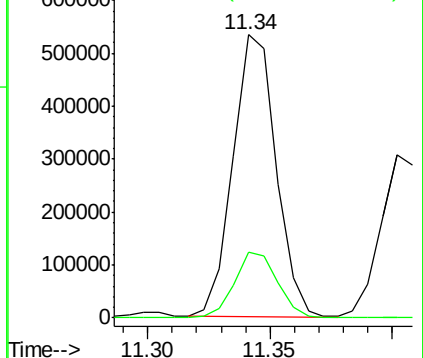
91 100

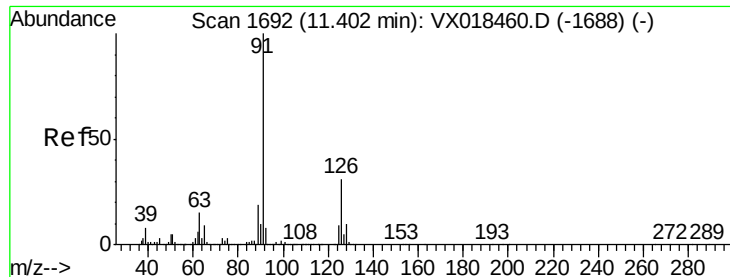
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

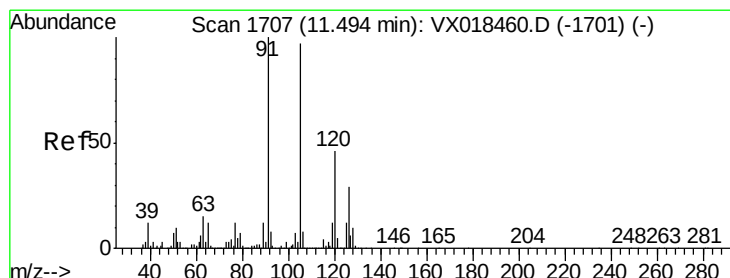
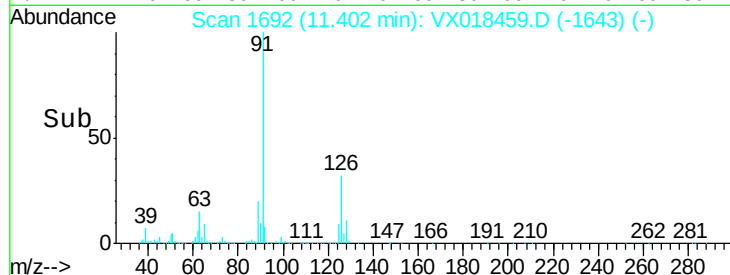
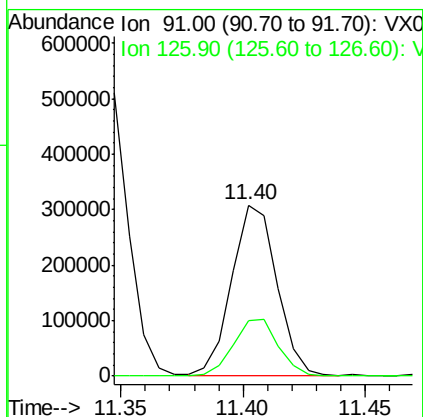
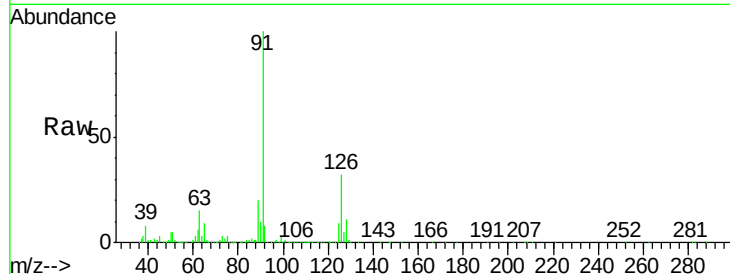




#79
 2-Chlorotoluene
 Concen: 20.158 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

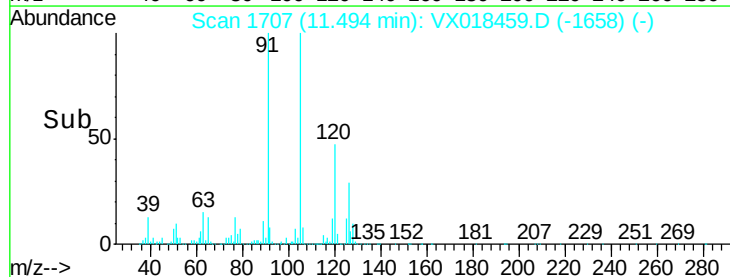
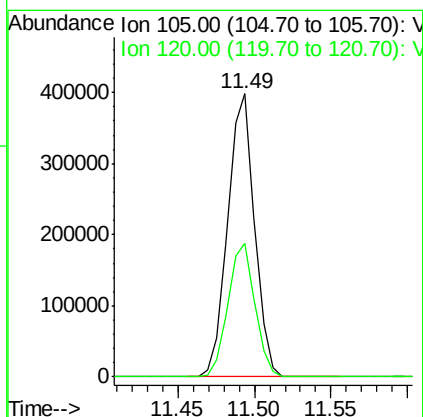
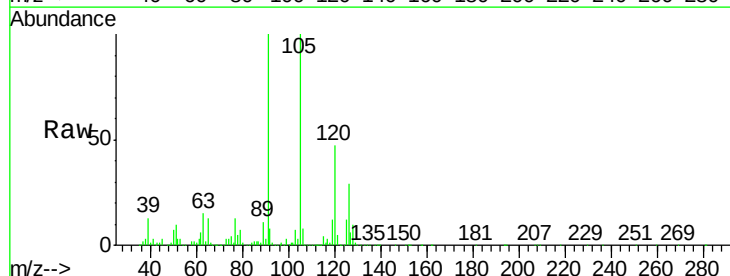
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

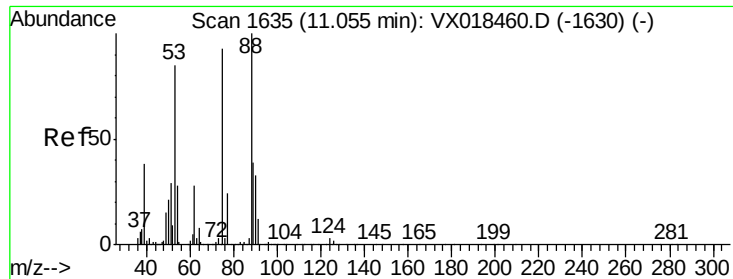
Tgt Ion: 91 Resp: 393300
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.036 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Tgt Ion: 105 Resp: 481452
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.6 71.0

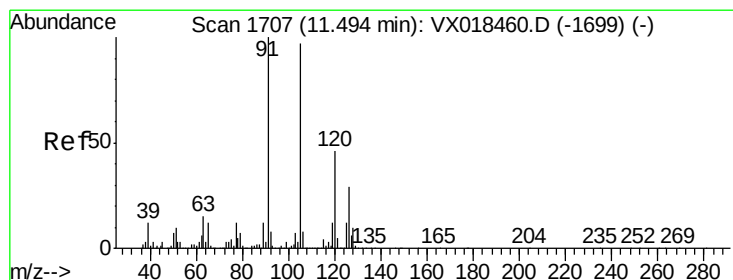
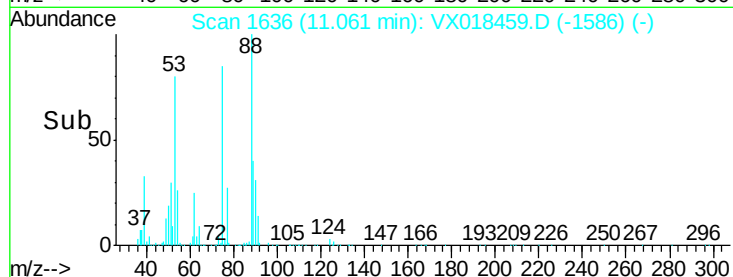
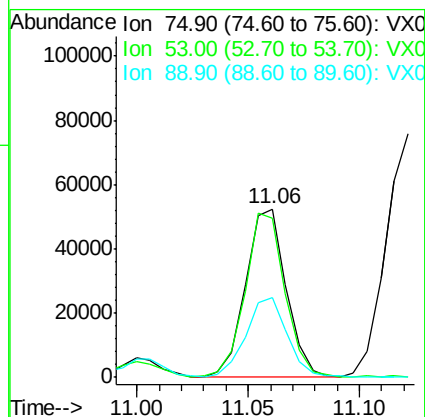
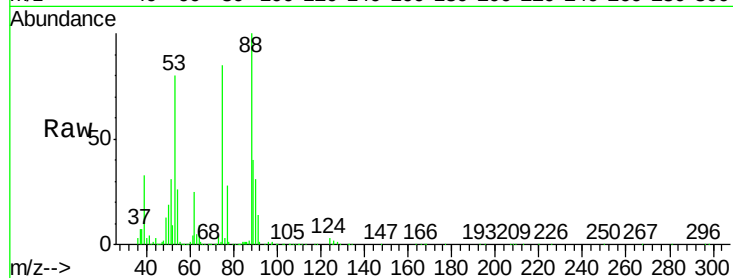




#81
trans-1,4-Dichloro-2-butene
Concen: 19.087 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

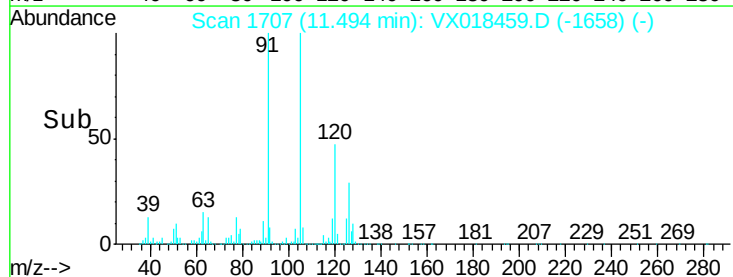
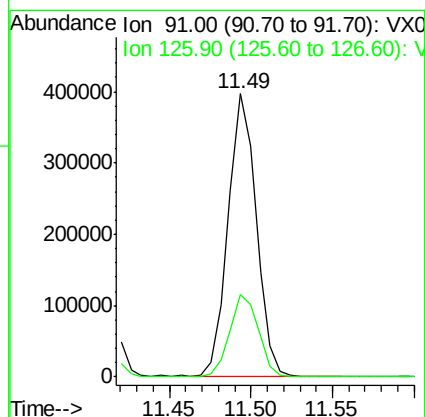
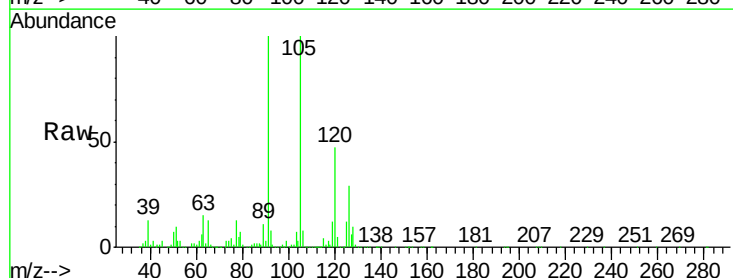
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

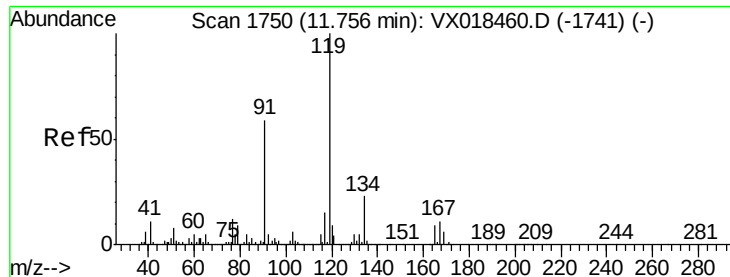
Tgt Ion: 75 Resp: 66271
Ion Ratio Lower Upper
75 100
53 95.5 74.6 111.8
89 48.6 36.2 54.4



#82
4-Chlorotoluene
Concen: 20.510 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion: 91 Resp: 476344
Ion Ratio Lower Upper
91 100
126 29.8 15.0 45.0

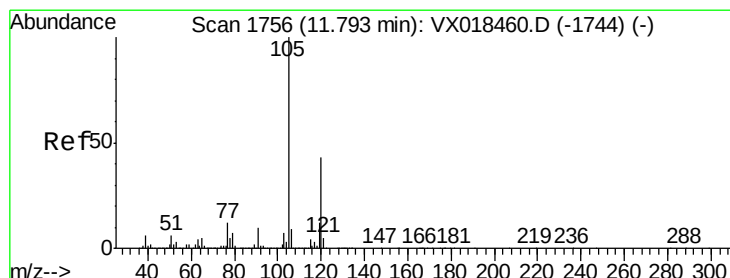
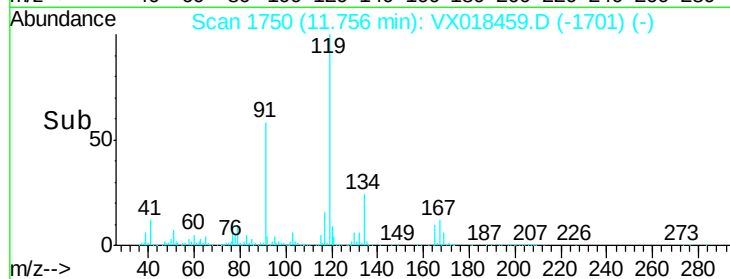
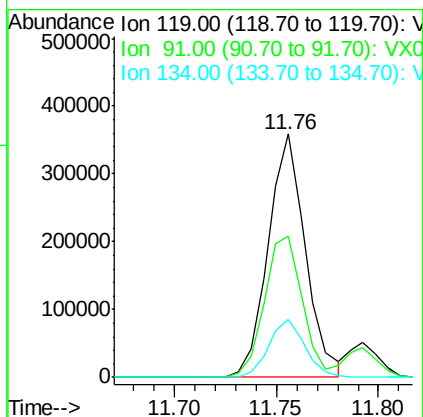
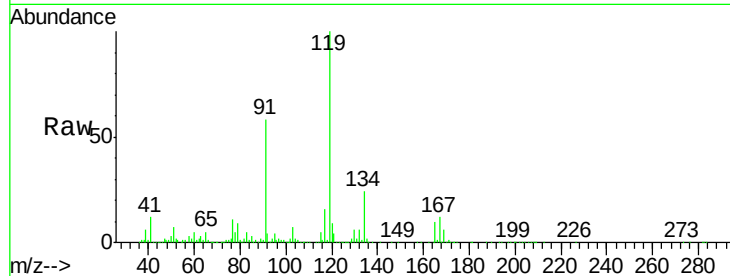




#83
 tert-Butylbenzene
 Concen: 20.181 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

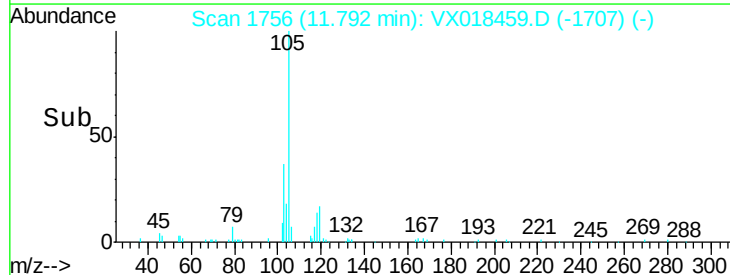
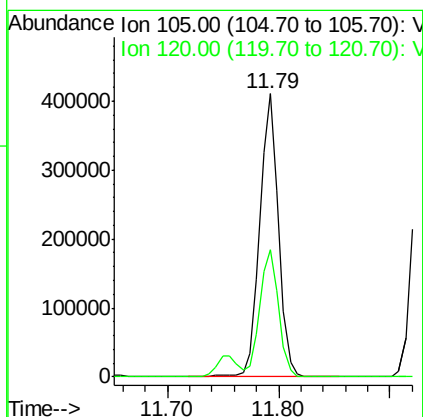
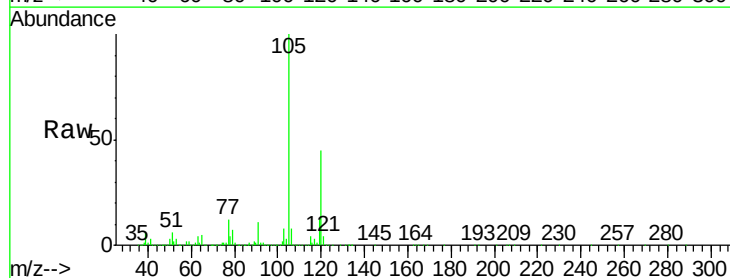
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

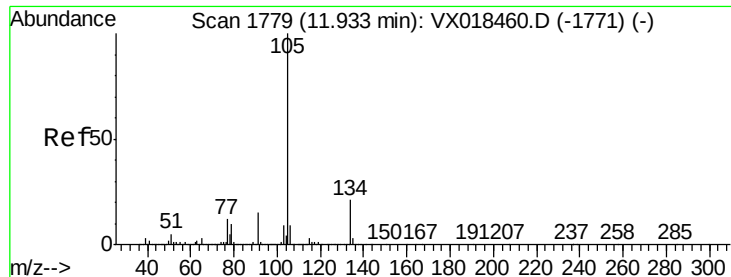
Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.5	28.9	86.7
134	22.9	11.3	33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.575 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	21.6	65.0





#85

sec-Butylbenzene

Concen: 21.196 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

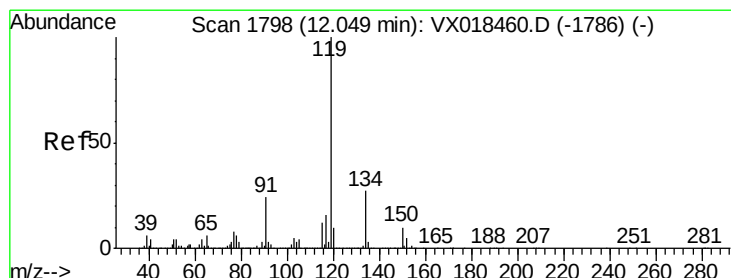
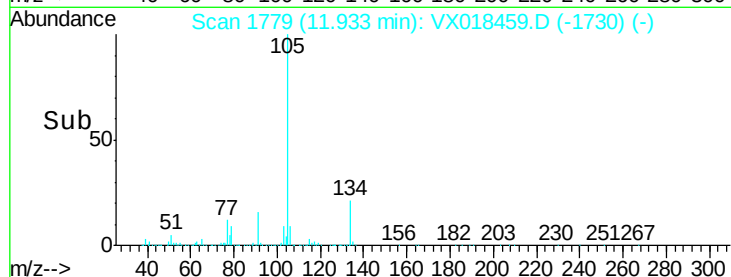
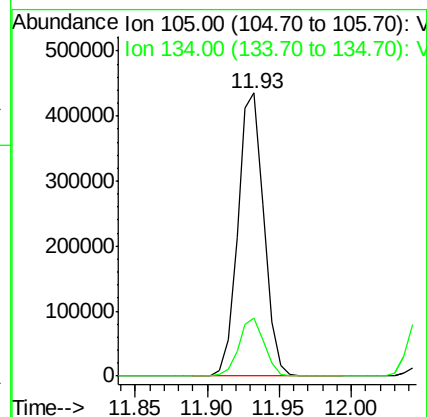
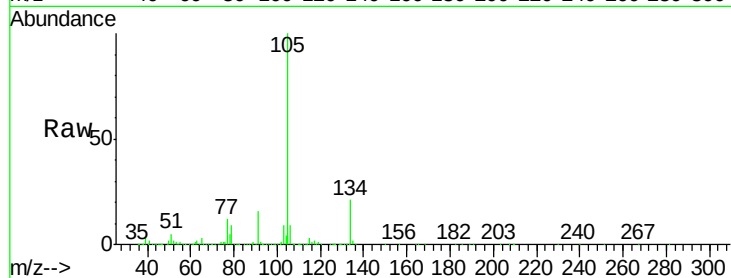
VSTDIC020

Tgt Ion:105 Resp: 547184

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 21.361 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

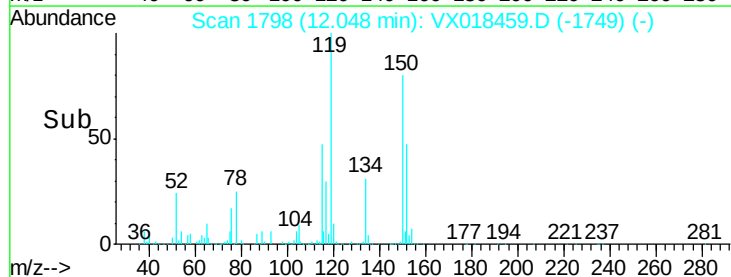
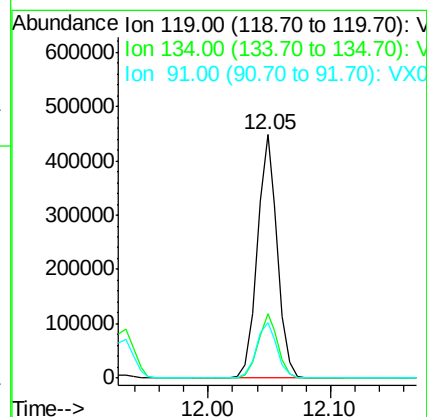
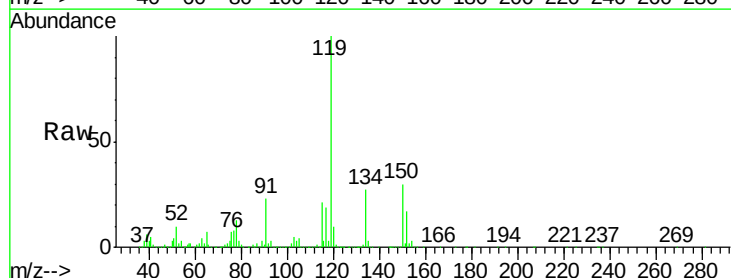
Tgt Ion:119 Resp: 507200

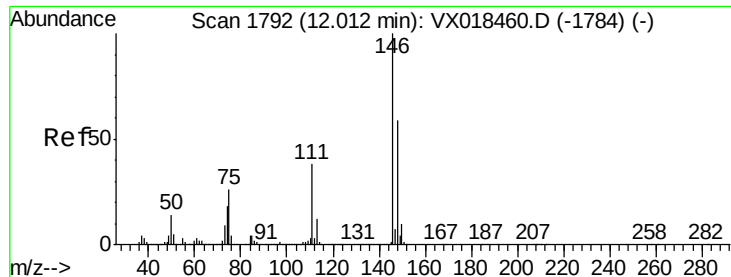
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 23.8 11.9 35.9

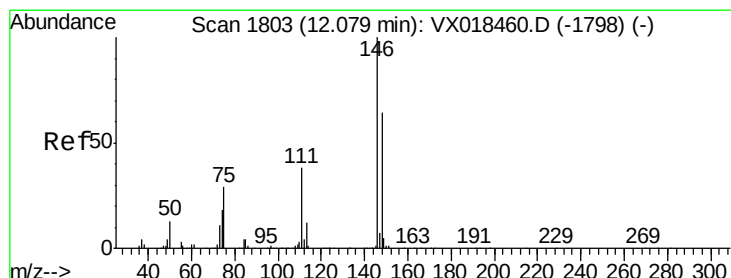
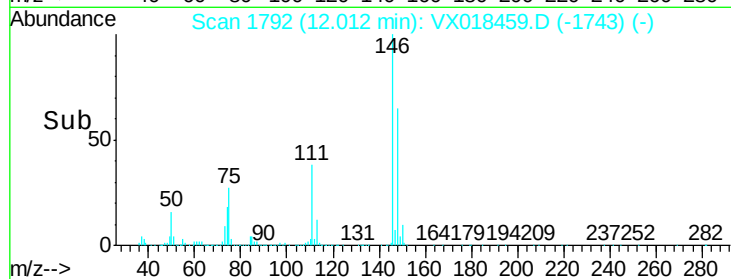
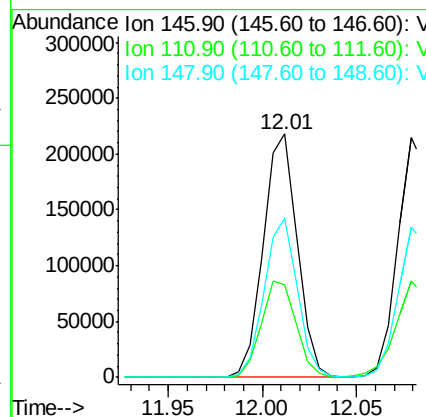
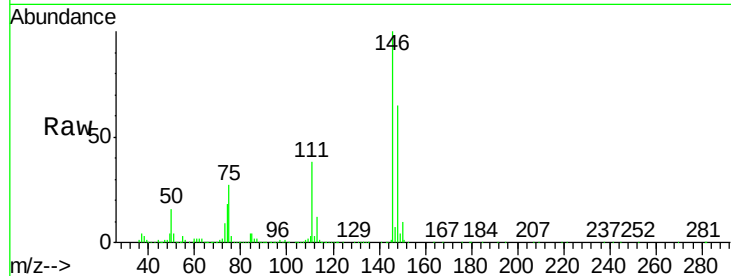




#87
 1,3-Dichlorobenzene
 Concen: 20.053 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

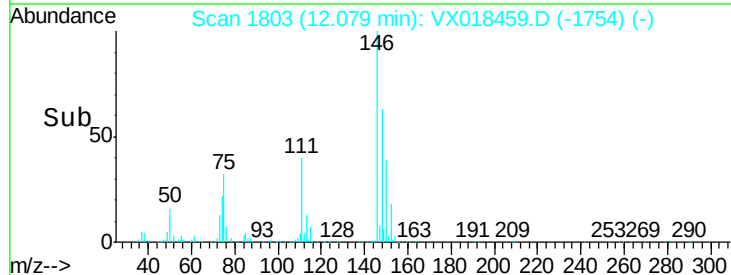
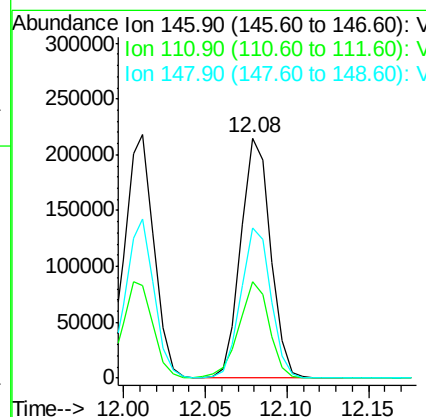
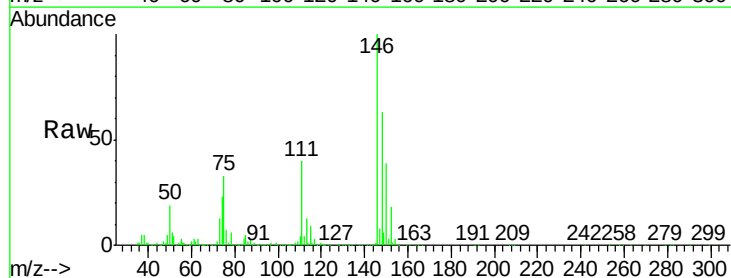
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

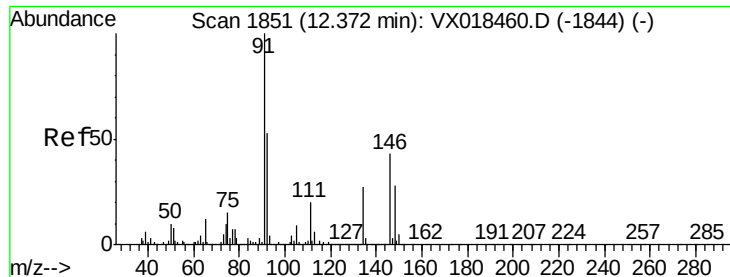
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.4	61.2
148	63.9	31.1	93.2



#88
 1,4-Dichlorobenzene
 Concen: 20.072 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.4	58.4
148	63.1	31.8	95.4

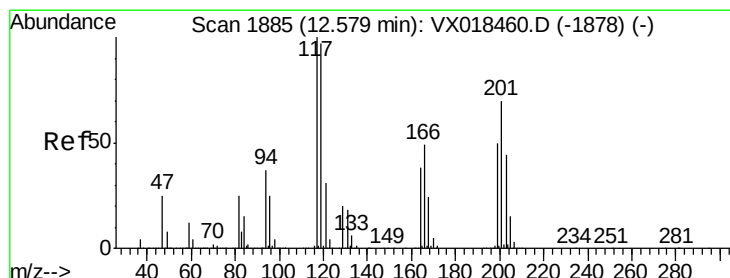
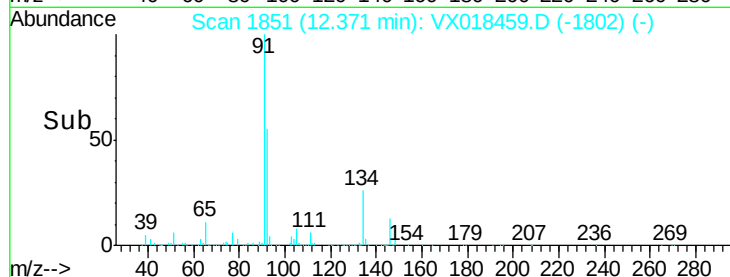
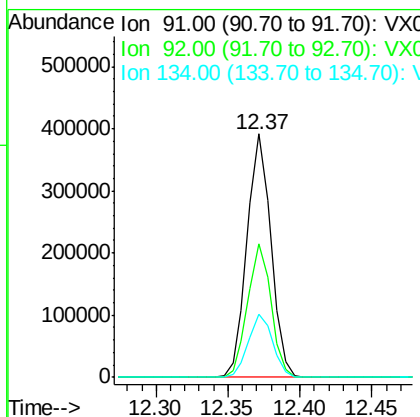
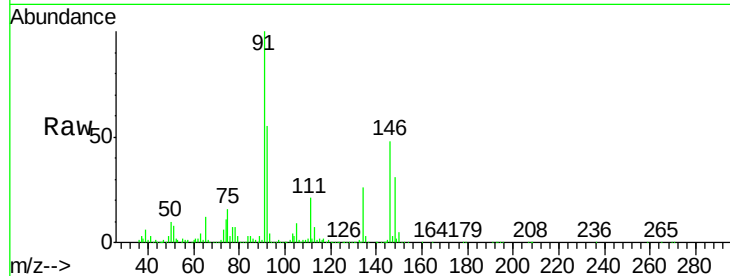




#89
n-Butylbenzene
Concen: 20.655 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

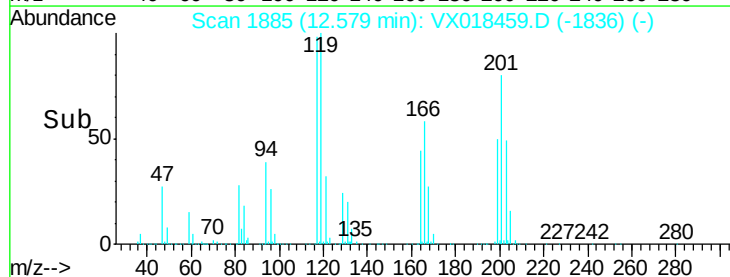
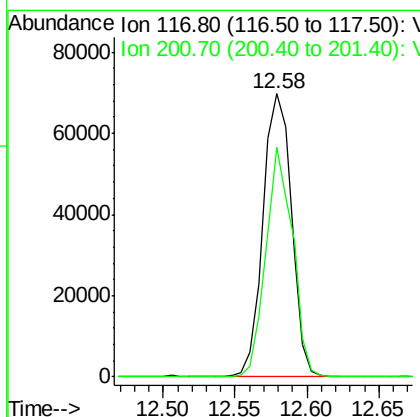
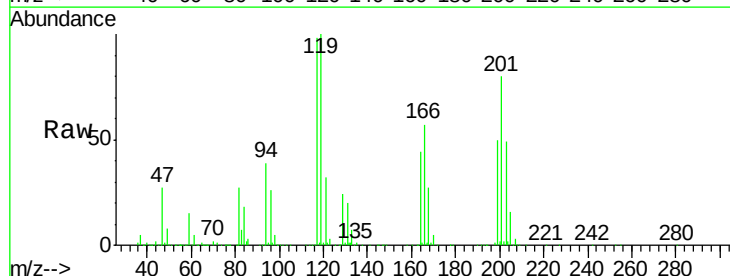
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

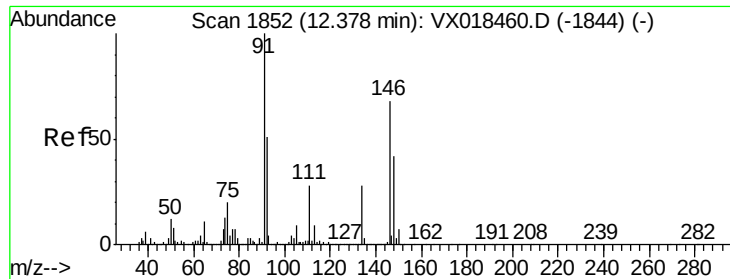
Tgt Ion: 91 Resp: 449919
Ion Ratio Lower Upper
91 100
92 53.6 26.1 78.2
134 26.2 13.3 39.8



#90
Hexachloroethane
Concen: 20.375 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion: 117 Resp: 95068
Ion Ratio Lower Upper
117 100
201 76.7 36.2 108.6

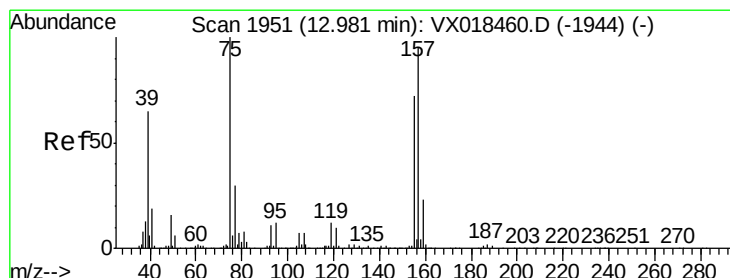
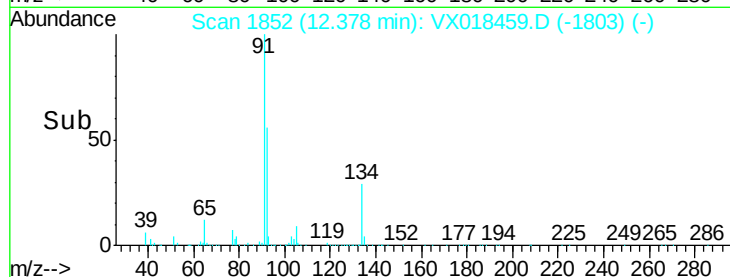
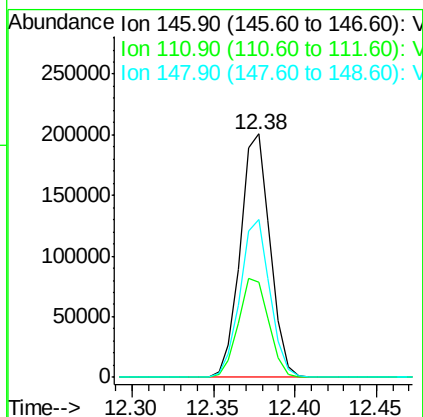
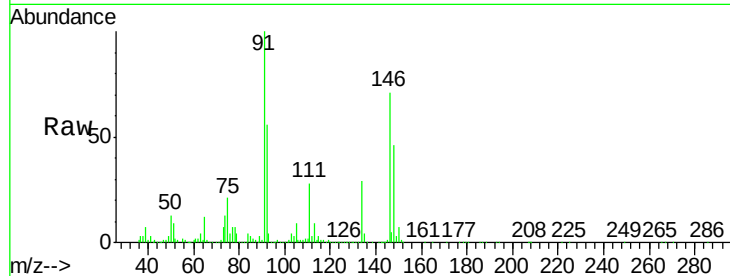




#91
1,2-Dichlorobenzene
Concen: 20.159 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

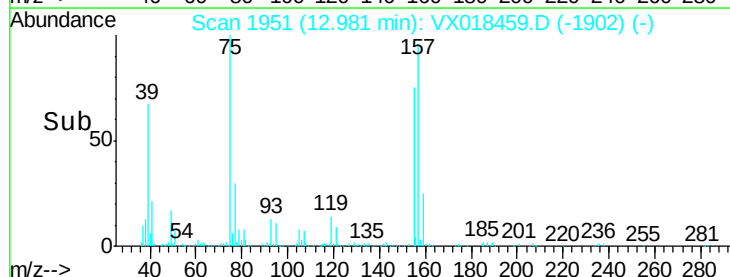
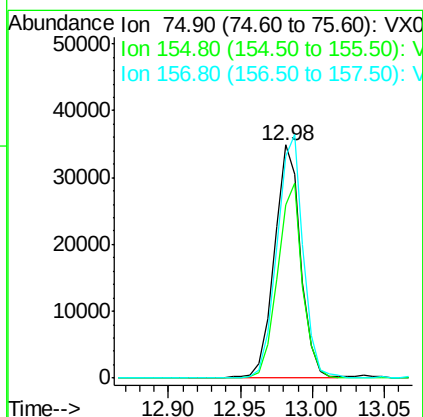
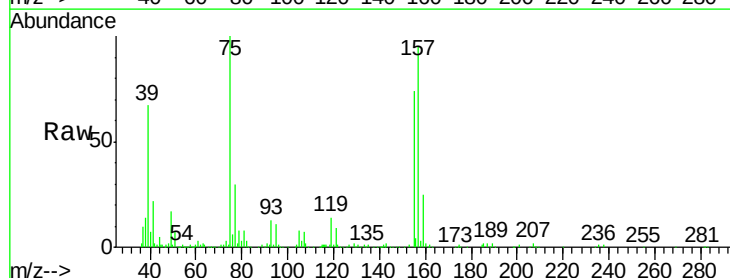
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

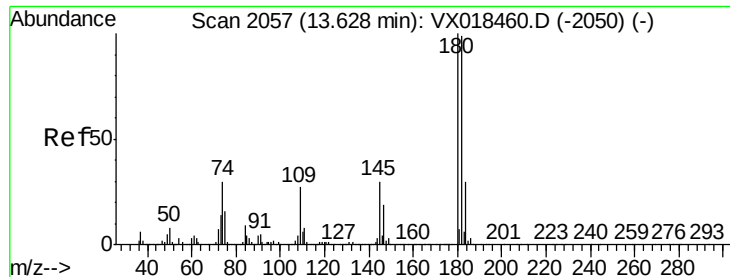
Tgt Ion:146 Resp: 255990
Ion Ratio Lower Upper
146 100
111 41.6 21.5 64.5
148 64.8 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.056 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX018459.D
Acq: 17 Sep 2020 10:44

Tgt Ion: 75 Resp: 44158
Ion Ratio Lower Upper
75 100
155 79.6 38.8 116.4
157 104.7 51.1 153.3

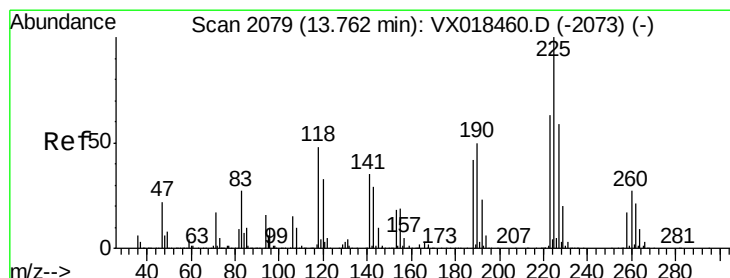
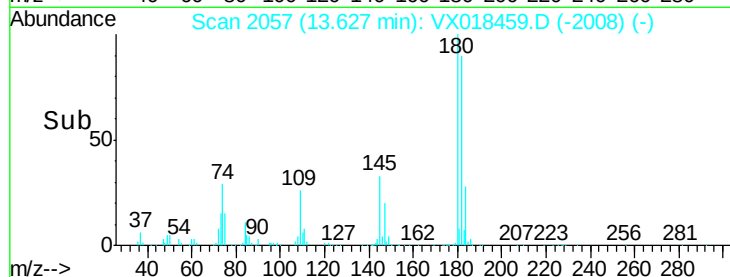
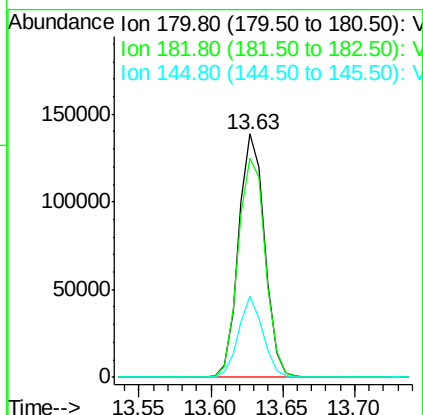
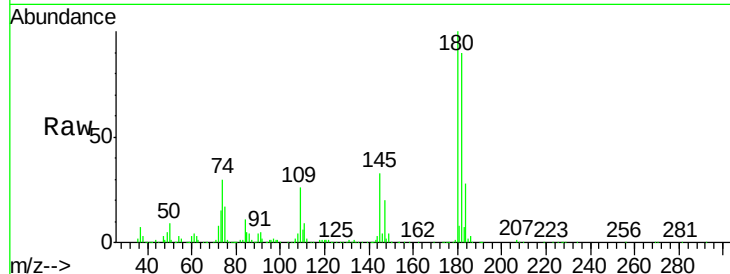




#93
 1,2,4-Trichlorobenzene
 Concen: 20.437 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

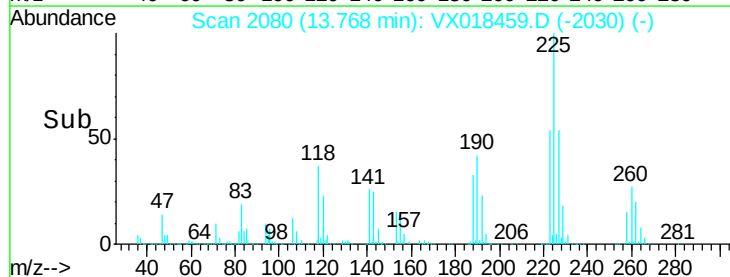
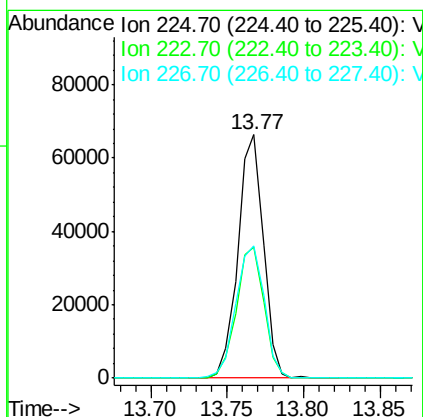
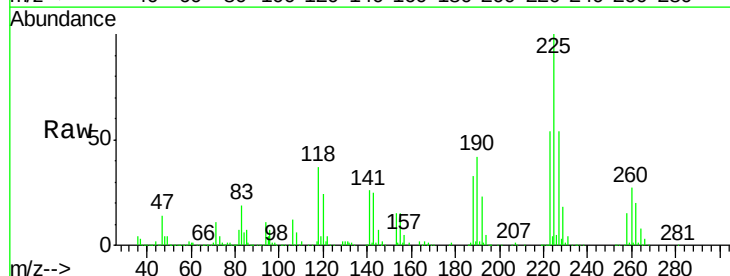
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

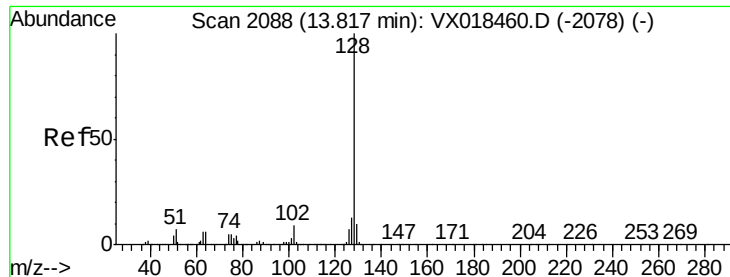
Tgt Ion:180 Resp: 173988
 Ion Ratio Lower Upper
 180 100
 182 94.3 50.2 150.6
 145 31.4 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 22.445 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018459.D
 Acq: 17 Sep 2020 10:44

Tgt Ion:225 Resp: 76567
 Ion Ratio Lower Upper
 225 100
 223 58.3 32.0 96.2
 227 60.4 31.7 95.1





#95

Naphthalene

Concen: 19.421 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

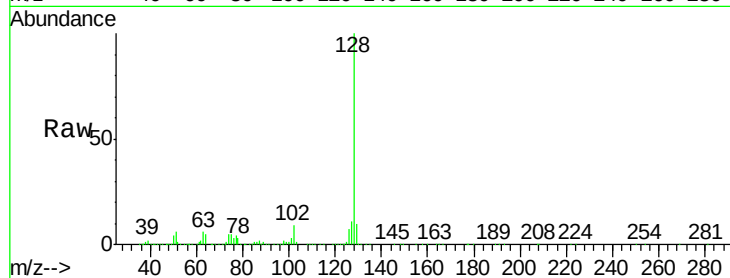
Tgt Ion:128 Resp: 540638

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

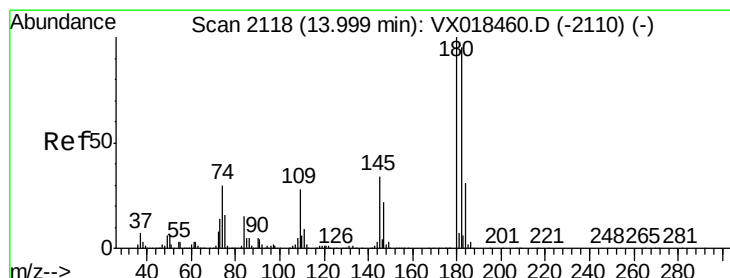
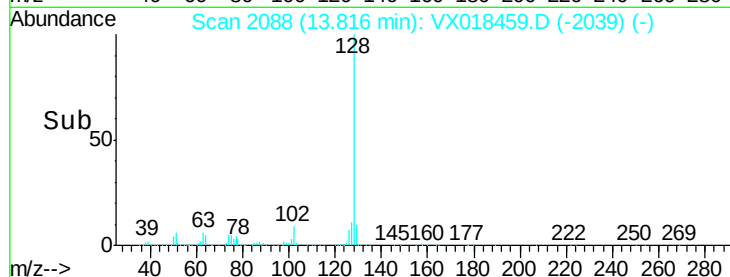
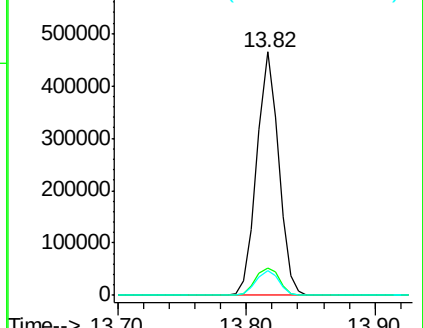
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.019 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018459.D

Acq: 17 Sep 2020 10:44

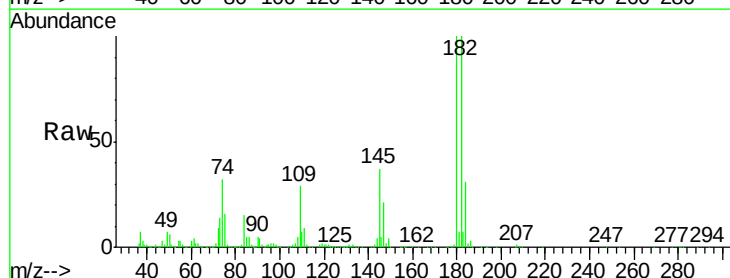
Tgt Ion:180 Resp: 169029

Ion Ratio Lower Upper

180 100

182 97.6 47.1 141.3

145 34.6 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

