

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092320\
 Data File : VX018544.D
 Acq On : 23 Sep 2020 19:08
 Operator : JC/SP
 Sample : VX0923WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

Quant Time: Sep 24 00:37:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	432961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	661615	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	626781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	327848	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	312506	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	5.47	113	238201	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
50) Toluene-d8	8.70	98	857481	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.12	95	321137	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	79704	19.417	ug/l	97
3) Chloromethane	1.31	50	84854	17.657	ug/l	100
4) Vinyl Chloride	1.39	62	92160	18.115	ug/l	99
5) Bromomethane	1.64	94	63883	20.459	ug/l	99
6) Chloroethane	1.72	64	55110	18.927	ug/l	98
7) Trichlorofluoromethane	1.92	101	156081	20.195	ug/l	92
8) Diethyl Ether	2.17	74	49183	18.137	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80720	19.404	ug/l	99
10) Methyl Iodide	2.50	142	90223	20.720	ug/l	94
11) Tert butyl alcohol	3.05	59	84187	78.996	ug/l	97
12) 1,1-Dichloroethene	2.36	96	76309	18.199	ug/l	94
13) Acrolein	2.28	56	53488	79.266	ug/l	100
14) Allyl chloride	2.71	41	137558	16.930	ug/l	93
15) Acrylonitrile	3.12	53	215618	84.795	ug/l	98
16) Acetone	2.43	43	198857	84.895	ug/l	98
17) Carbon Disulfide	2.56	76	218728	17.467	ug/l	98
18) Methyl Acetate	2.75	43	107235	18.477	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	278523	18.923	ug/l	97
20) Methylene Chloride	2.84	84	89600	17.337	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	84866	17.416	ug/l	97
22) Diisopropyl ether	3.82	45	278325	18.223	ug/l	95
23) Vinyl Acetate	3.79	43	1222500	90.331	ug/l	98
24) 1,1-Dichloroethane	3.67	63	159382	18.095	ug/l	98
25) 2-Butanone	4.65	43	305920	83.866	ug/l	99
26) 2,2-Dichloropropane	4.55	77	149083	18.319	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	97265	17.808	ug/l	100
28) Bromochloromethane	4.99	49	66330	16.093	ug/l	98
29) Tetrahydrofuran	5.10	42	194517	84.605	ug/l	98
30) Chloroform	5.18	83	170622	19.092	ug/l	100
31) Cyclohexane	5.55	56	128532	17.341	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	161161	19.222	ug/l	98
36) 1,1-Dichloropropene	5.77	75	120637	18.786	ug/l	98
37) Ethyl Acetate	4.80	43	125748	18.338	ug/l	99
38) Carbon Tetrachloride	5.76	117	150110	21.106	ug/l	91

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 Data File : VX018544.D
 Acq On : 23 Sep 2020 19:08
 Operator : JC/SP
 Sample : VX0923WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

Quant Time: Sep 24 00:37:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	128563	17.820	ug/l	96
40) Benzene	6.12	78	346691	18.838	ug/l	98
41) Methacrylonitrile	5.00	41	67705	17.769	ug/l	96
42) 1,2-Dichloroethane	6.17	62	148042	20.677	ug/l	100
43) Isopropyl Acetate	6.42	43	201019	17.665	ug/l	98
44) Trichloroethene	7.19	130	97966	18.388	ug/l	95
45) 1,2-Dichloropropane	7.49	63	94714	18.750	ug/l	89
46) Dibromomethane	7.64	93	67857	19.553	ug/l	99
47) Bromodichloromethane	7.88	83	137835	19.707	ug/l	100
48) Methyl methacrylate	7.74	41	96309	17.388	ug/l	95
49) 1,4-Dioxane	7.76	88	28777	314.436	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	629201	92.864	ug/l	99
52) Toluene	8.77	92	222211	19.188	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	148991	18.748	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	154510	18.872	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	95017	19.773	ug/l	98
56) Ethyl methacrylate	9.16	69	131789	18.496	ug/l	99
57) 1,3-Dichloropropane	9.35	76	154099	19.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	321338	84.823	ug/l	100
59) 2-Hexanone	9.48	43	467314	90.679	ug/l	99
60) Dibromochloromethane	9.57	129	115313	20.124	ug/l	98
61) 1,2-Dibromoethane	9.65	107	100412	19.639	ug/l	99
64) Tetrachloroethene	9.32	164	100955	20.459	ug/l	96
65) Chlorobenzene	10.12	112	246306	19.084	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	100059	19.326	ug/l	98
67) Ethyl Benzene	10.24	91	425031	19.026	ug/l	97
68) m/p-Xylenes	10.34	106	323132	38.238	ug/l	100
69) o-Xylene	10.68	106	151938	18.987	ug/l	96
70) Styrene	10.70	104	255678	18.504	ug/l	97
71) Bromoform	10.84	173	80148	18.437	ug/l #	95
73) Isopropylbenzene	11.00	105	423017	19.314	ug/l	99
74) N-amyl acetate	10.88	43	164440	16.677	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	133739	18.448	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	158057	22.942	ug/l	86
77) Bromobenzene	11.24	156	112647	18.641	ug/l	98
78) n-propylbenzene	11.34	91	480903	18.759	ug/l	98
79) 2-Chlorotoluene	11.40	91	290704	18.734	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	364067	19.437	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	47461	17.653	ug/l	96
82) 4-Chlorotoluene	11.49	91	348251	18.879	ug/l	99
83) tert-Butylbenzene	11.76	119	336936	18.527	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	367066	19.459	ug/l	99
85) sec-Butylbenzene	11.93	105	400358	18.658	ug/l	99
86) p-Isopropyltoluene	12.05	119	380919	19.316	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	197450	18.173	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	206044	18.703	ug/l	98
89) n-Butylbenzene	12.37	91	328138	17.974	ug/l	100
90) Hexachloroethane	12.58	117	70221	17.836	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	199418	19.609	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	32721	18.593	ug/l	97

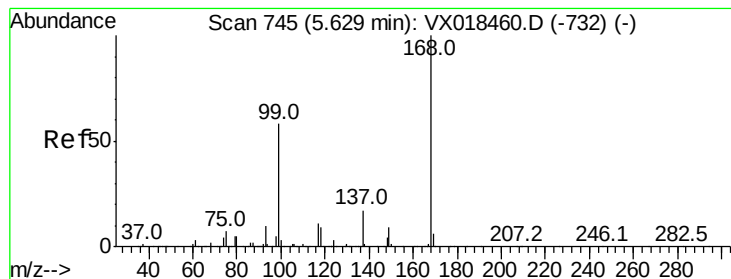
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092320\
Data File : VX018544.D
Acq On : 23 Sep 2020 19:08
Operator : JC/SP
Sample : VX0923WBSD01
Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Quant Time: Sep 24 00:37:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	125686	17.758	ug/l	97
94) Hexachlorobutadiene	13.76	225	59423	20.007	ug/l	97
95) Naphthalene	13.82	128	386656	18.089	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	128469	18.993	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

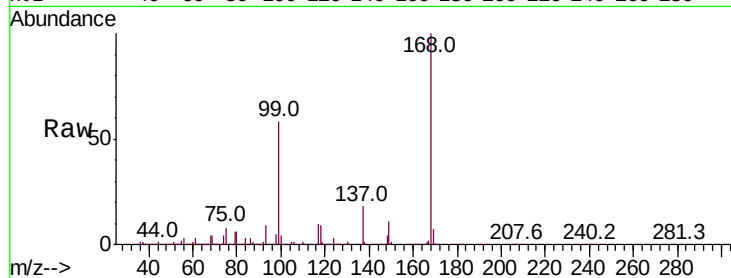
VX0923WBSD01

Tot Ion:168 Resp: 432961

Ion Ratio Lower Upper

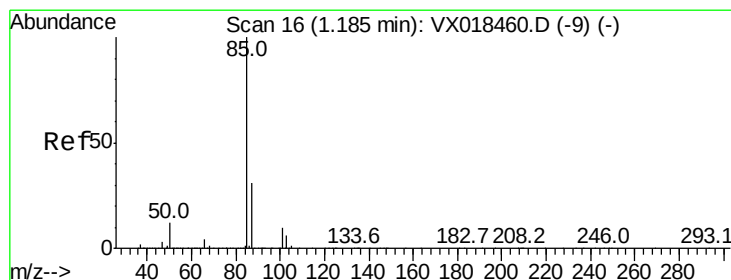
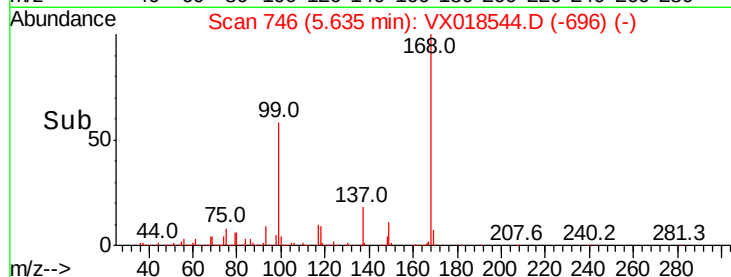
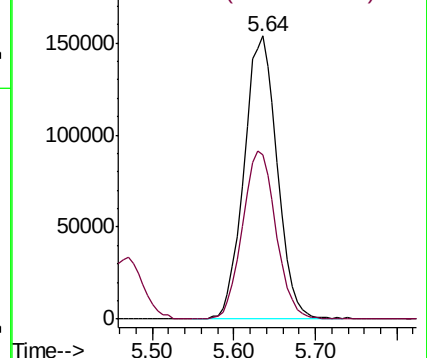
168 100

99 58.1 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: 19.417 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018544.D

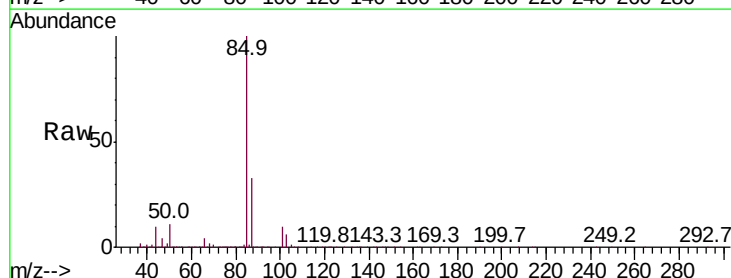
Acq: 23 Sep 2020 19:08

Tgt Ion: 85 Resp: 79704

Ion Ratio Lower Upper

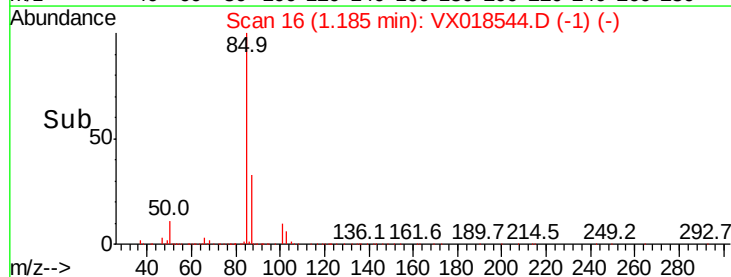
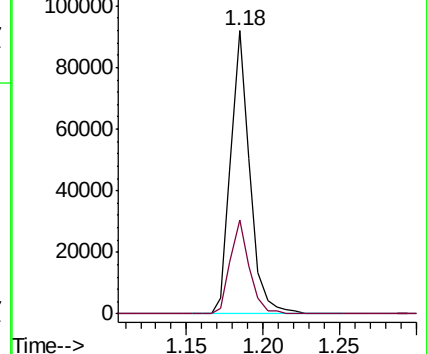
85 100

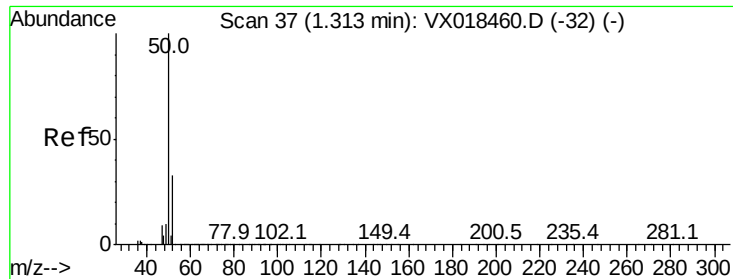
87 33.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.657 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

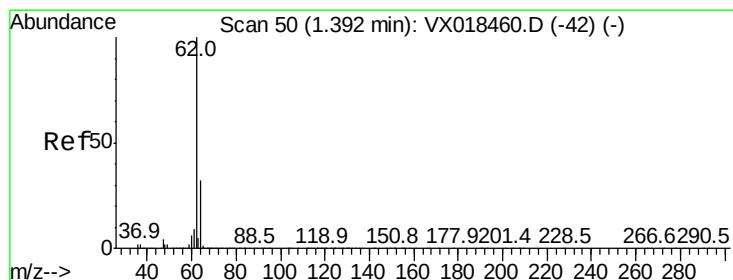
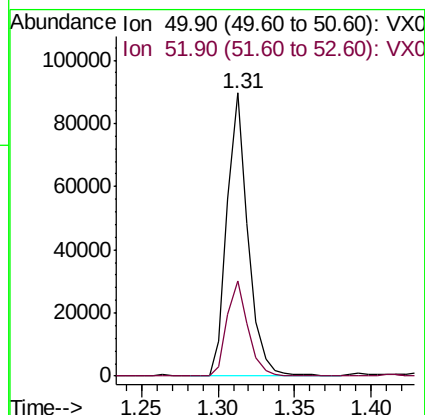
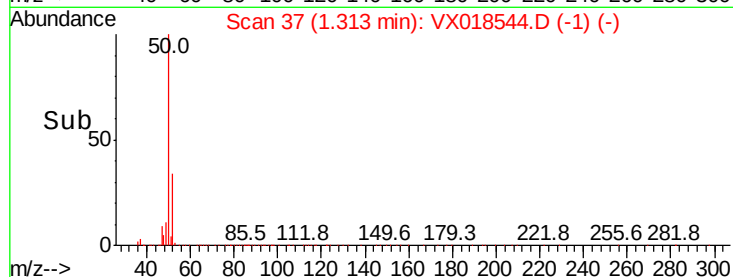
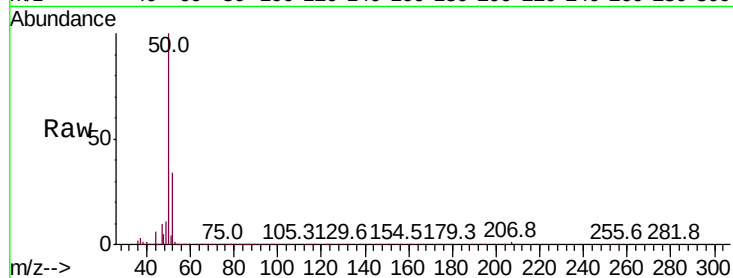
VX0923WBSD01

Tot Ion: 50 Resp: 84854

Ion Ratio Lower Upper

50 100

52 33.6 26.6 40.0



#4

Vinyl Chloride

Concen: 18.115 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018544.D

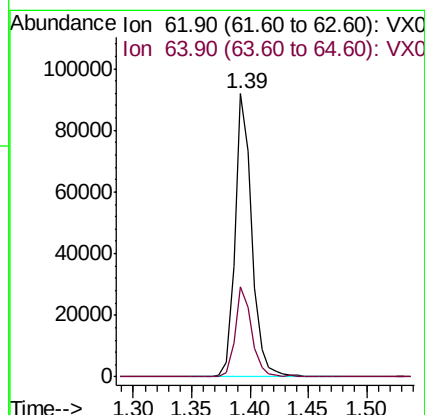
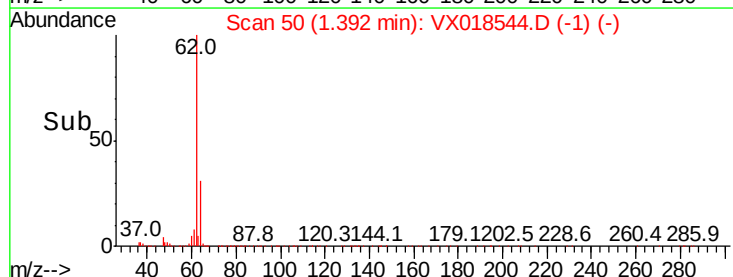
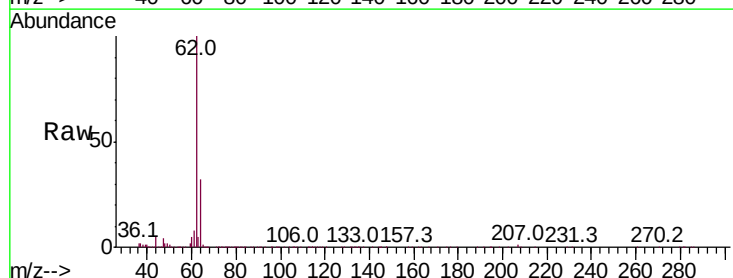
Acq: 23 Sep 2020 19:08

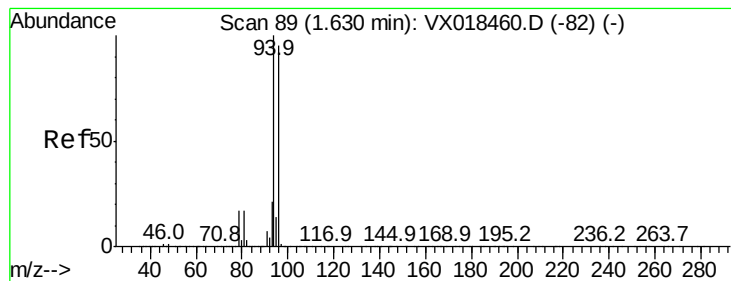
Tgt Ion: 62 Resp: 92160

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 20.459 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

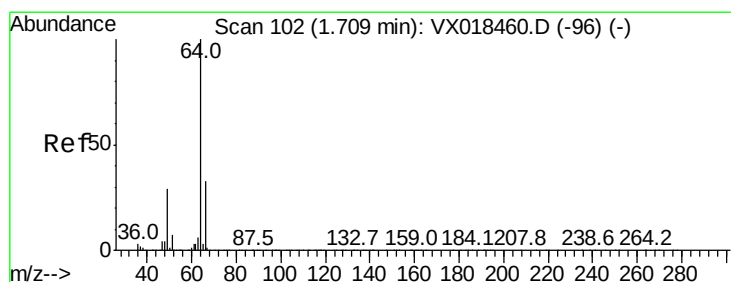
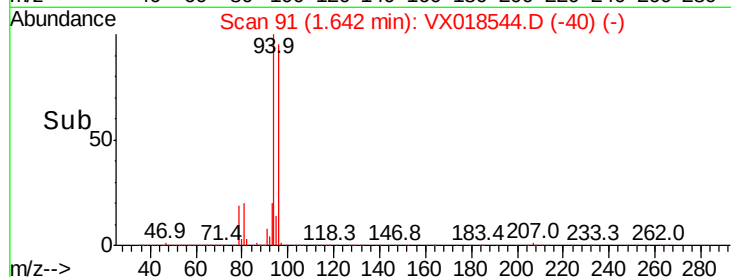
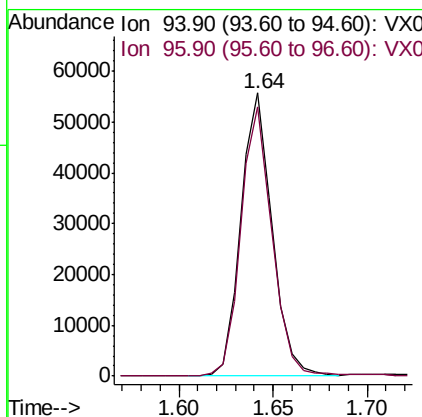
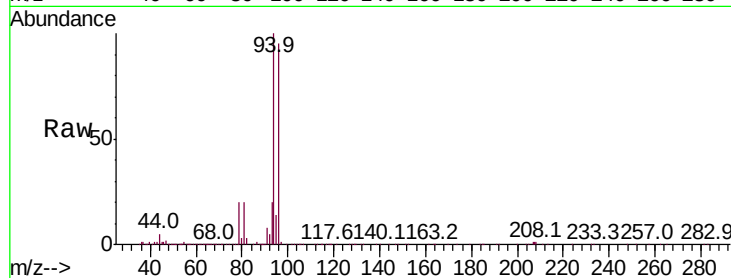
VX0923WBSD01

Tot Ion: 94 Resp: 63883

Ion Ratio Lower Upper

94 100

96 95.3 75.5 113.3



#6

Chloroethane

Concen: 18.927 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018544.D

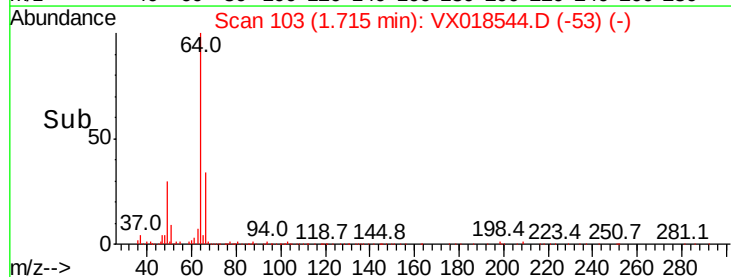
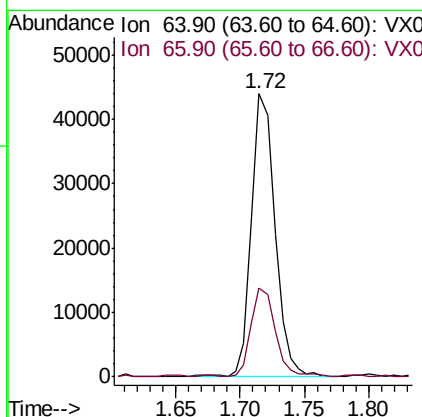
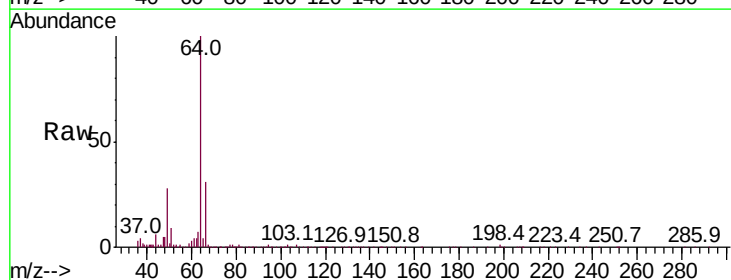
Acq: 23 Sep 2020 19:08

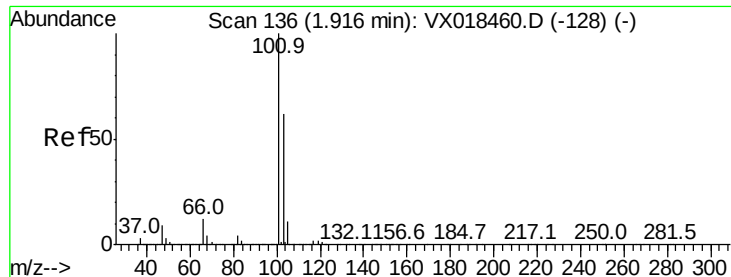
Tgt Ion: 64 Resp: 55110

Ion Ratio Lower Upper

64 100

66 31.5 26.2 39.4



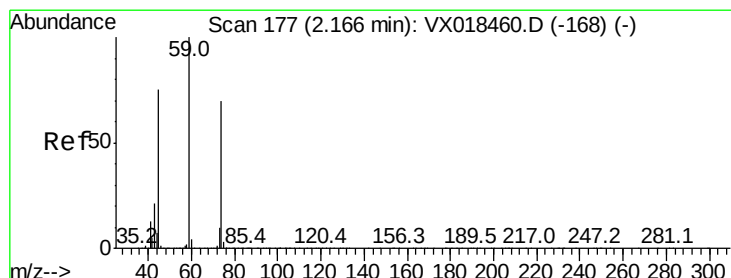
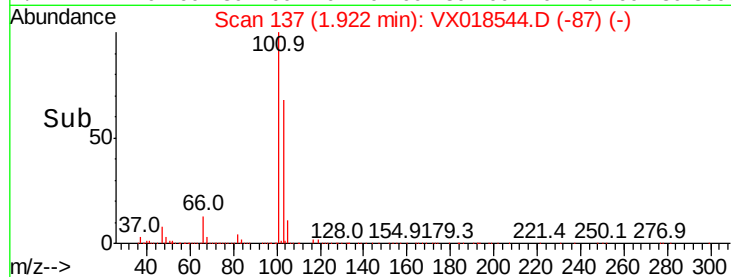
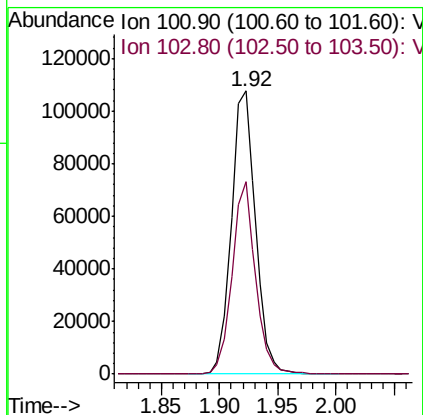
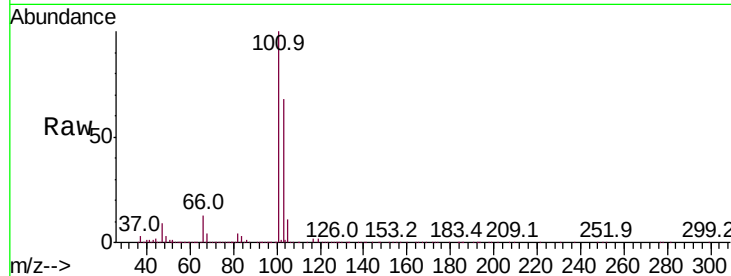


#7

Trichlorofluoromethane
Concen: 20.195 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

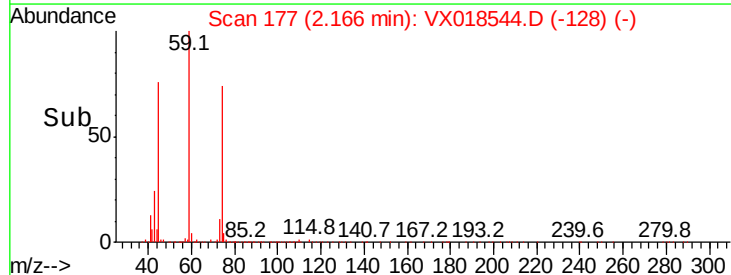
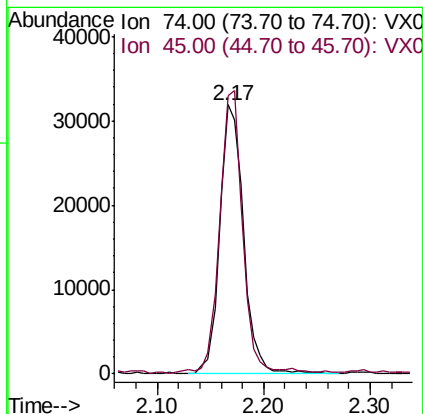
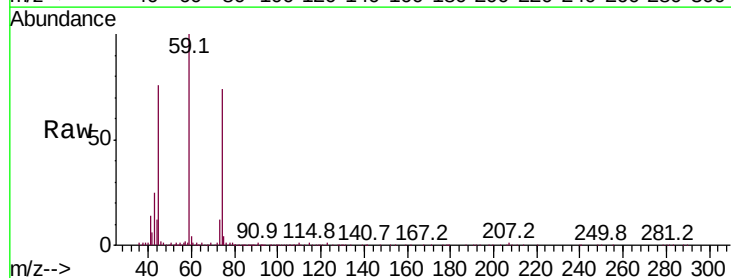
Tot Ion:101 Resp: 156081
Ion Ratio Lower Upper
101 100
103 68.2 49.6 74.4

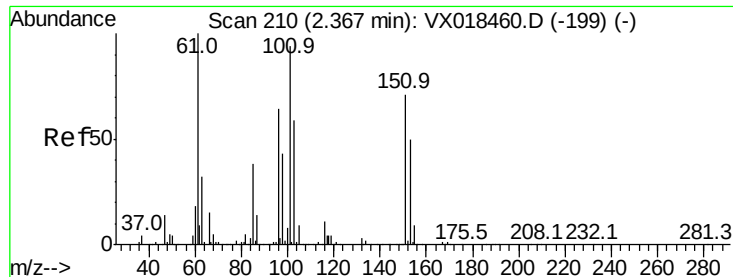


#8

Diethyl Ether
Concen: 18.137 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion: 74 Resp: 49183
Ion Ratio Lower Upper
74 100
45 101.2 50.7 152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.404 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

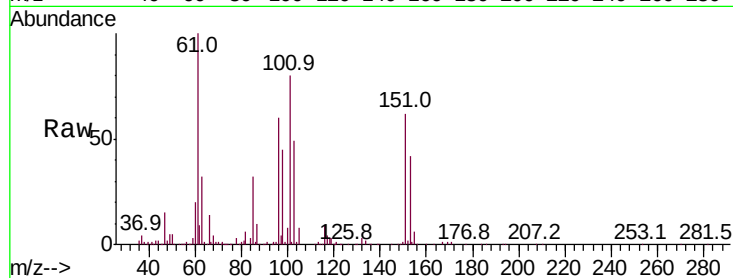
Tot Ion:101 Resp: 80720

Ion Ratio Lower Upper

101 100

85 43.3 34.7 52.1

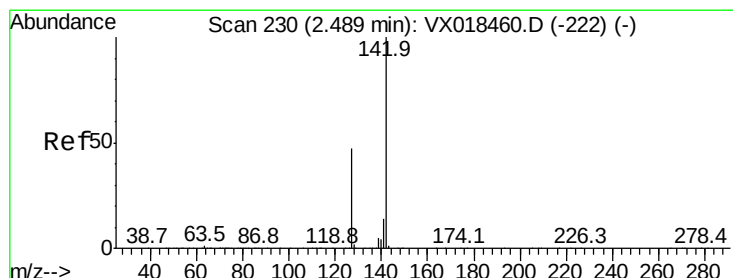
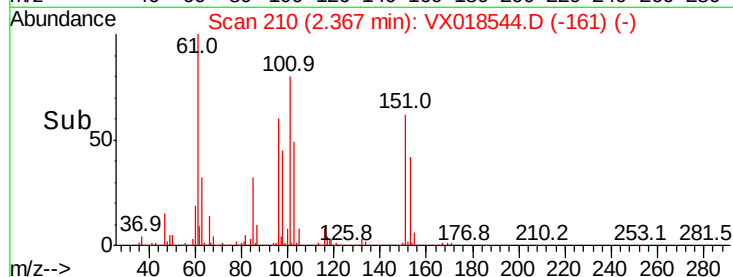
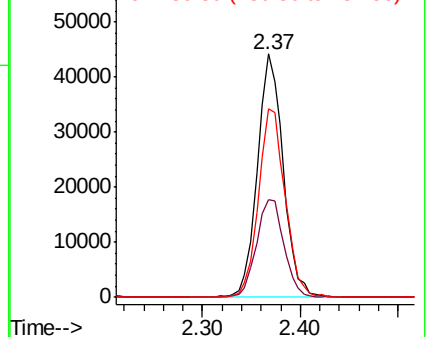
151 80.4 64.9 97.3



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: 20.720 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

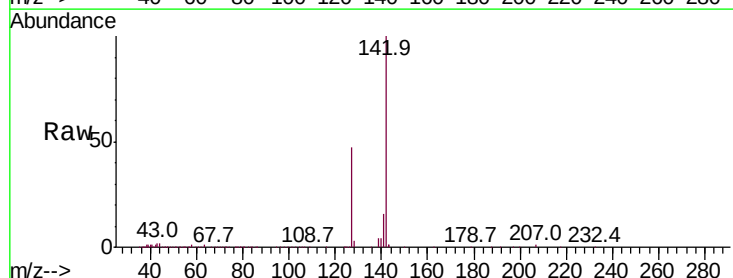
Tgt Ion:142 Resp: 90223

Ion Ratio Lower Upper

142 100

127 49.9 36.0 54.0

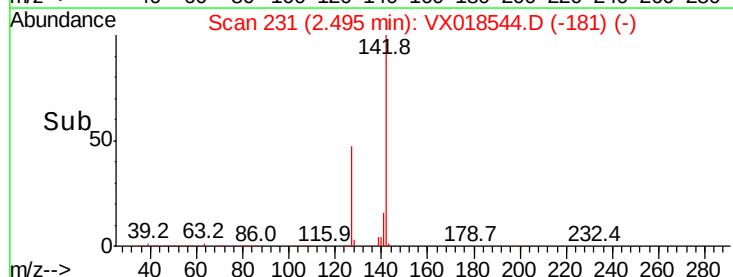
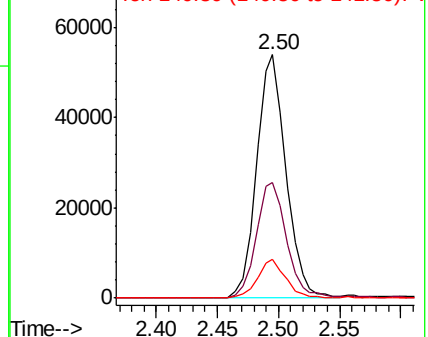
141 15.0 11.9 17.9

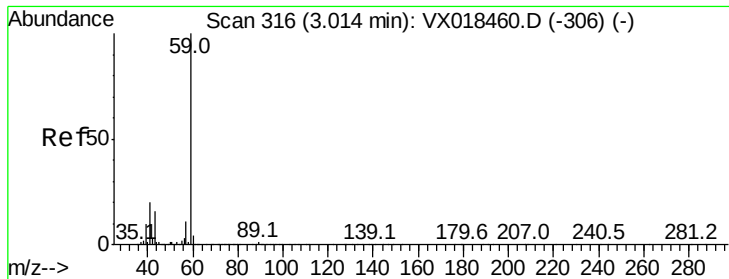


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



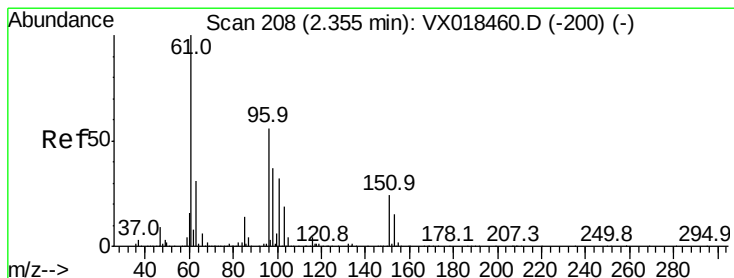
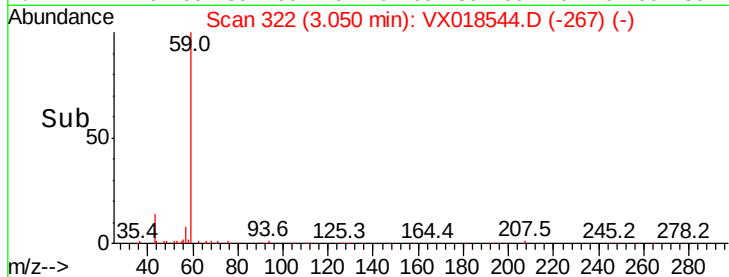
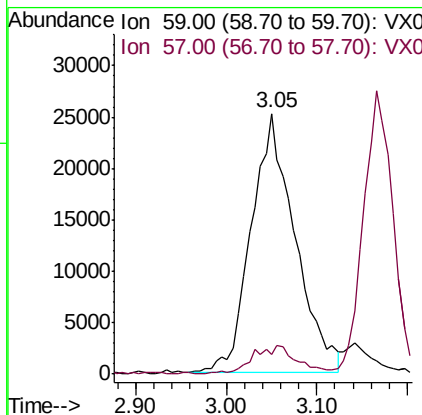
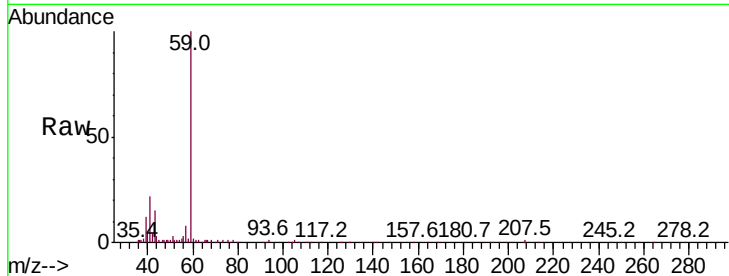


#11

Tert butyl alcohol
 Concen: 78.996 ug/l
 RT: 3.05 min Scan# 322
 Delta R.T. 0.04 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

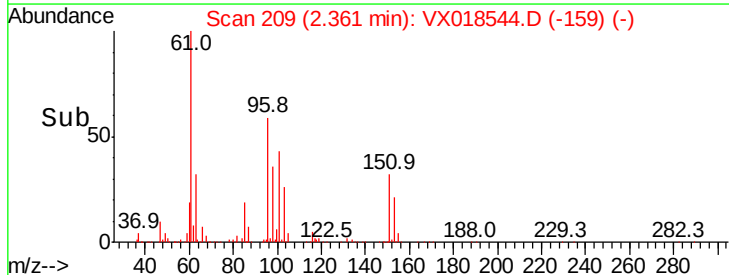
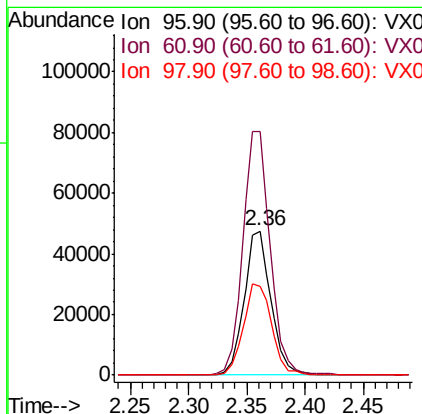
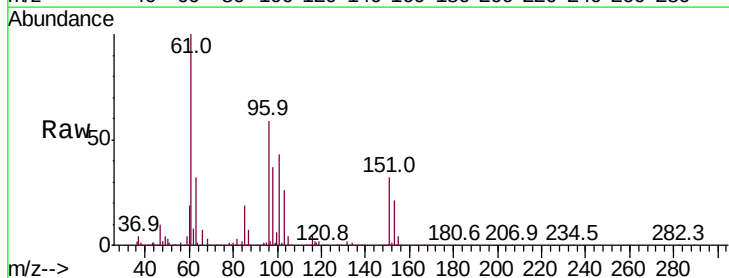
Tot Ion: 59 Resp: 84187
 Ion Ratio Lower Upper
 59 100
 57 11.6 8.2 12.4

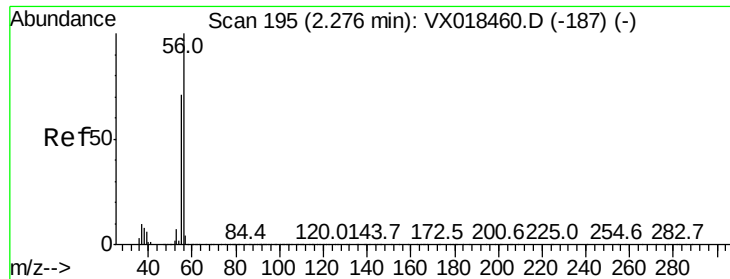


#12

1,1-Dichloroethene
 Concen: 18.199 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.01 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Tgt Ion: 96 Resp: 76309
 Ion Ratio Lower Upper
 96 100
 61 168.5 142.2 213.4
 98 61.5 52.4 78.6

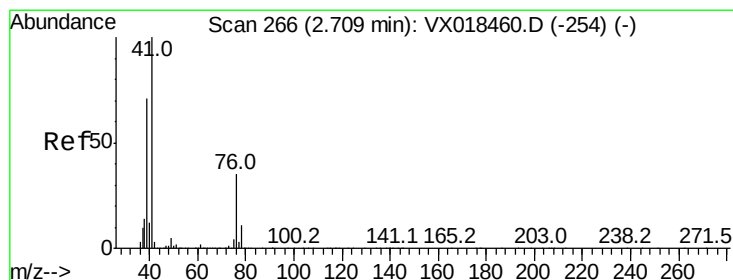
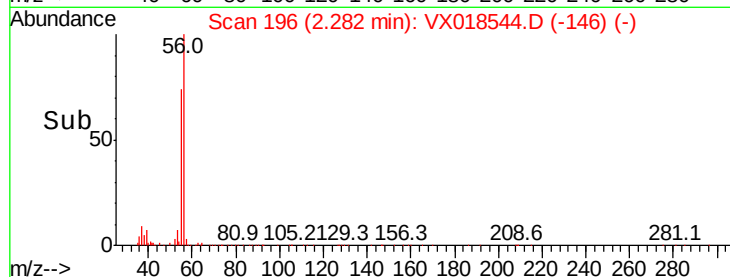
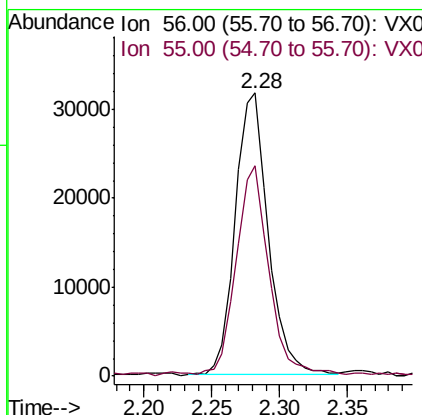
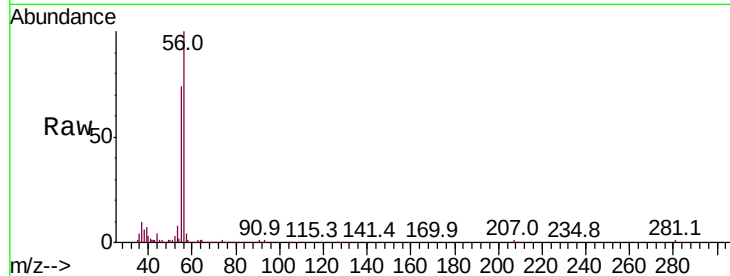




#13
Acrolein
Concen: 79.266 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

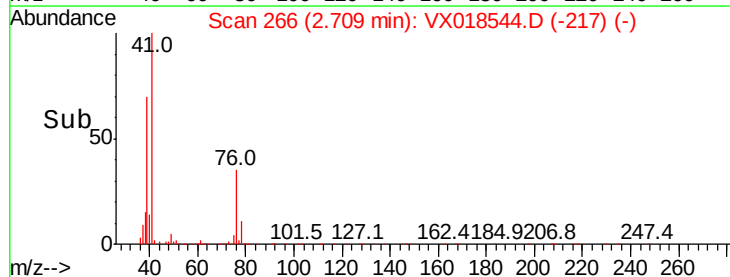
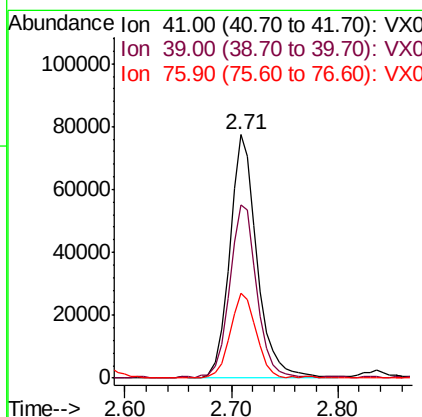
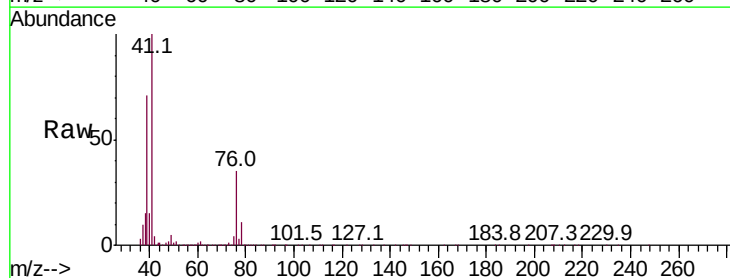
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

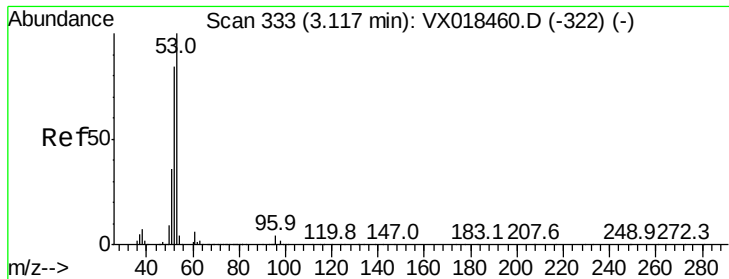
Tot Ion: 56 Resp: 53488
Ion Ratio Lower Upper
56 100
55 72.4 58.2 87.4



#14
Allyl chloride
Concen: 16.930 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion: 41 Resp: 137558
Ion Ratio Lower Upper
41 100
39 71.8 51.1 76.7
76 33.5 26.0 39.0





#15

Acrylonitrile

Concen: 84.795 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

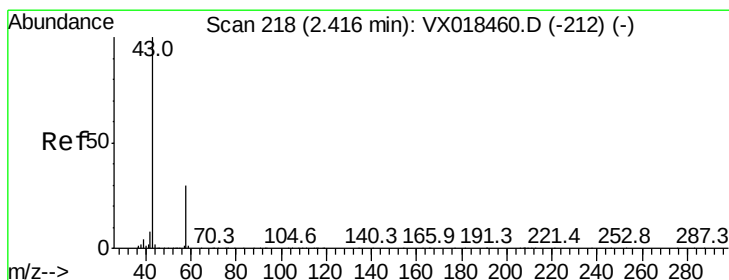
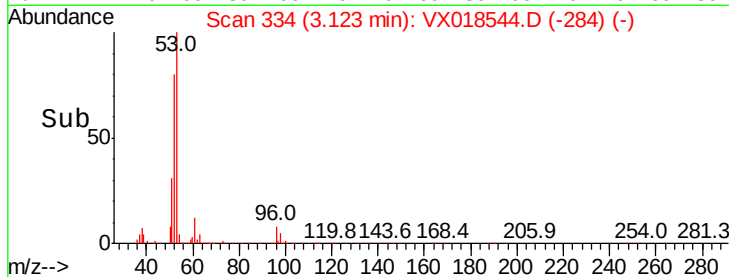
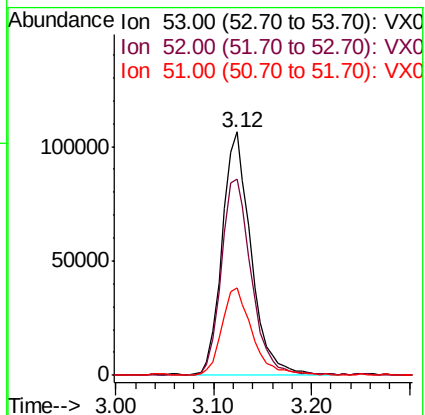
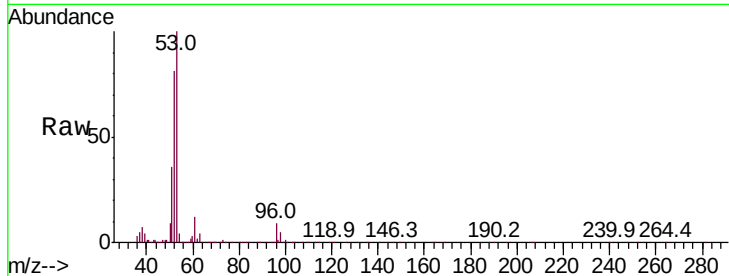
MSVOA_X

ClientSampleID :

VX0923WBSD01

Tot Ion: 53 Resp: 215618

Ion	Ratio	Lower	Upper
53	100		
52	84.5	65.8	98.8
51	37.7	29.2	43.8



#16

Acetone

Concen: 84.895 ug/l

RT: 2.43 min Scan# 221

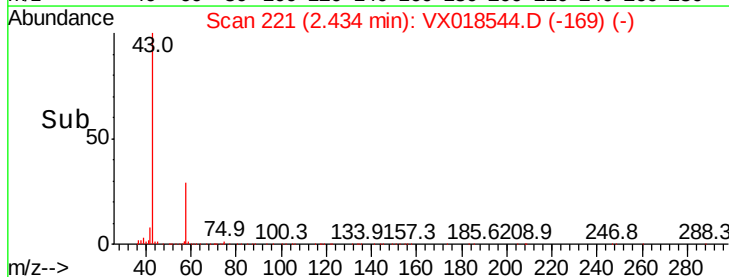
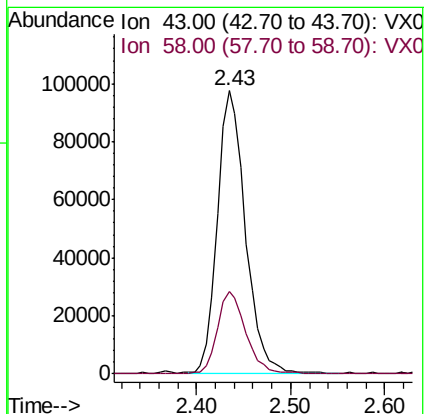
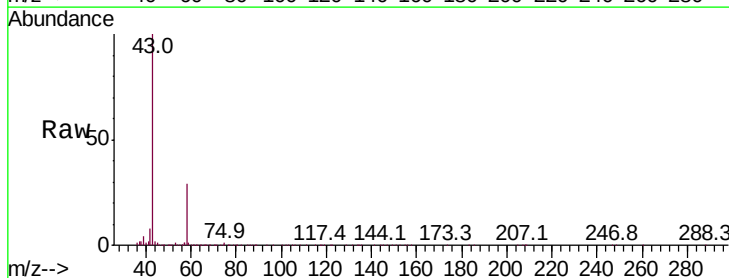
Delta R.T. 0.02 min

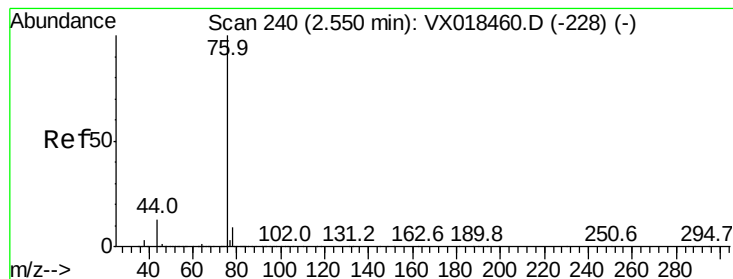
Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Tgt Ion: 43 Resp: 198857

Ion	Ratio	Lower	Upper
43	100		
58	28.9	24.0	36.0





#17

Carbon Disulfide

Concen: 17.467 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

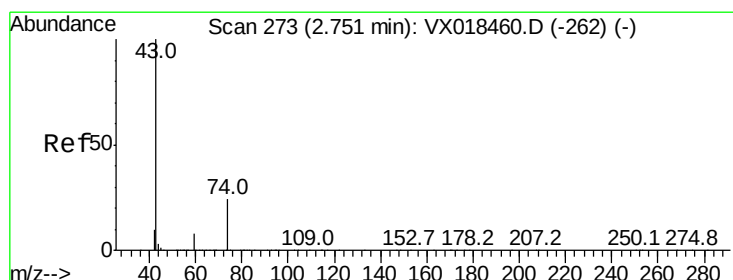
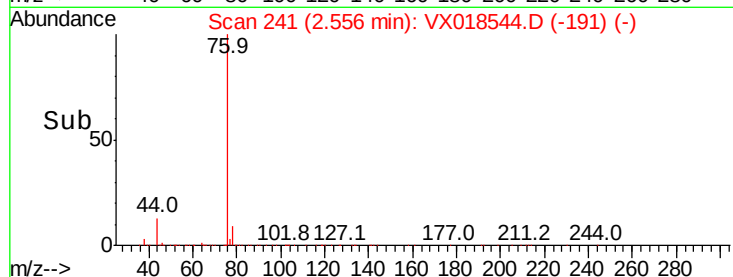
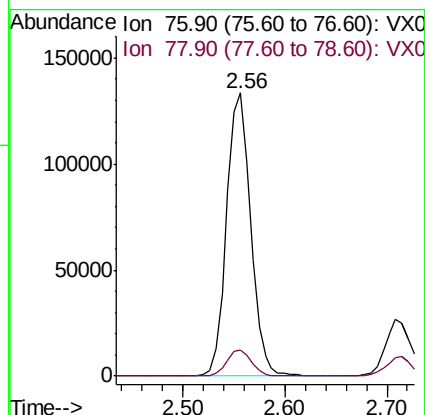
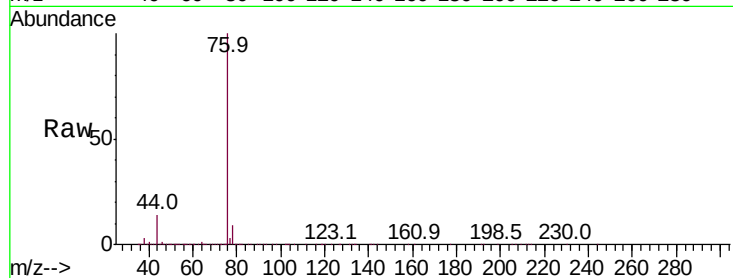
VX0923WBSD01

Tot Ion: 76 Resp: 218728

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4



#18

Methyl Acetate

Concen: 18.477 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018544.D

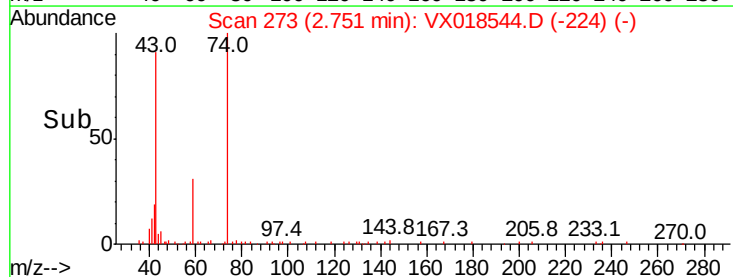
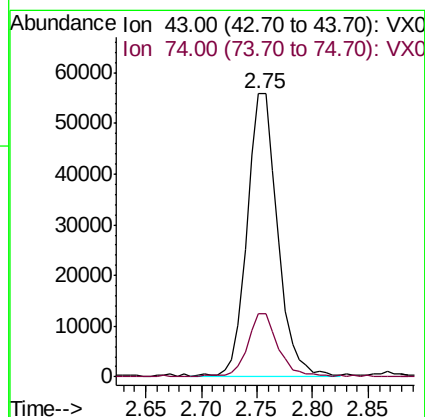
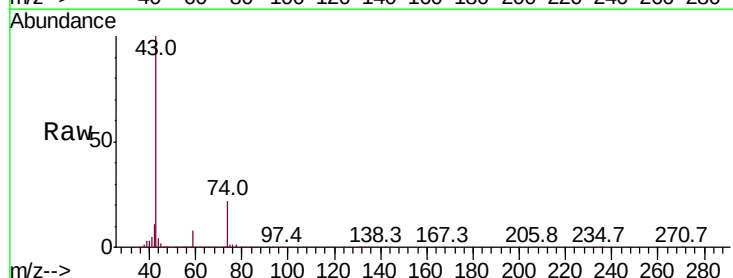
Acq: 23 Sep 2020 19:08

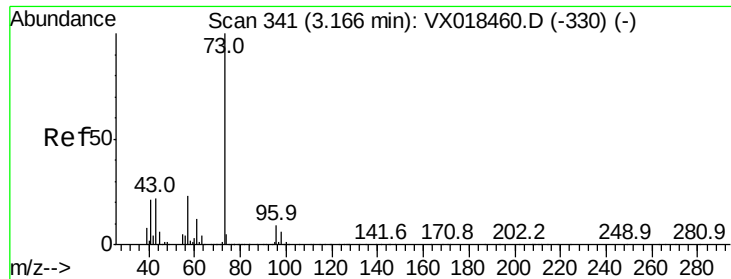
Tgt Ion: 43 Resp: 107235

Ion Ratio Lower Upper

43 100

74 22.4 18.3 27.5

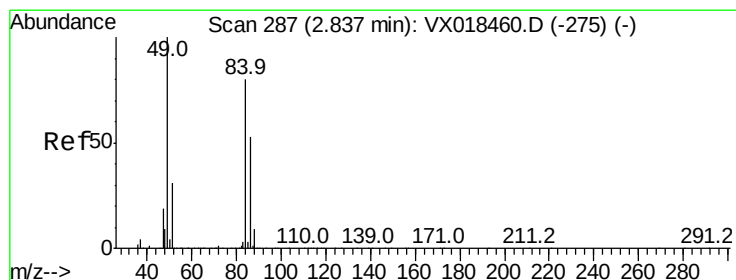
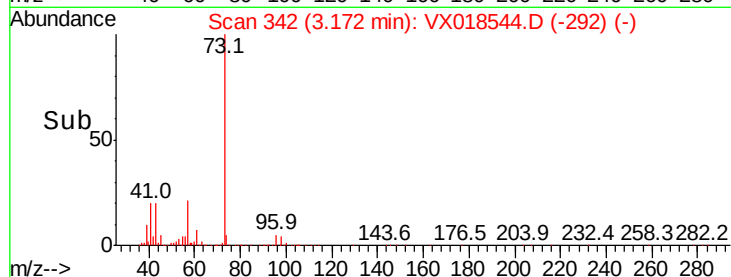
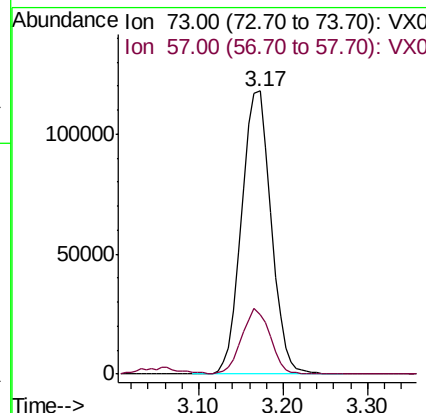
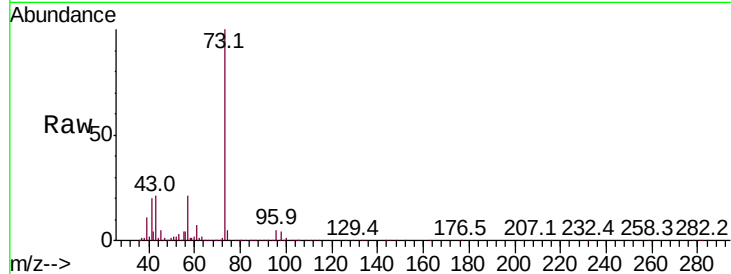




#19
Methyl tert-butyl Ether
Concen: 18.923 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

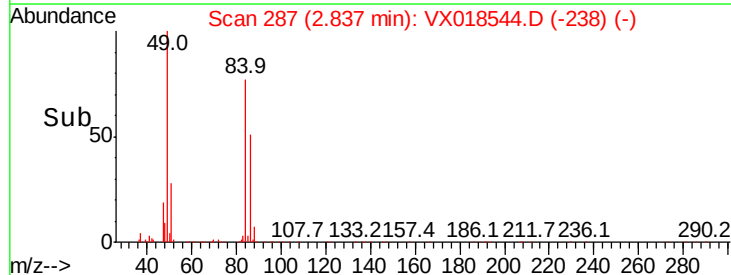
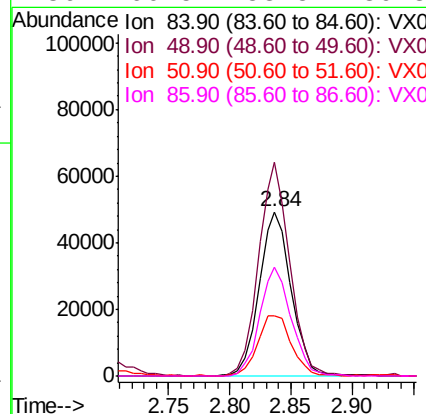
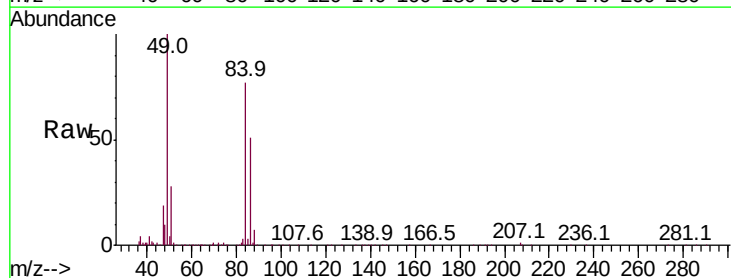
Instrument :
MSVOA_X
ClientSampled :
VX0923WBSD01

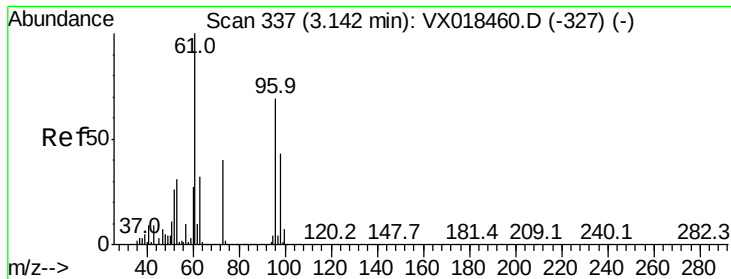
Tot Ion: 73 Resp: 278523
Ion Ratio Lower Upper
73 100
57 20.9 18.0 27.0



#20
Methylene Chloride
Concen: 17.337 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion: 84 Resp: 89600
Ion Ratio Lower Upper
84 100
49 130.1 100.6 151.0
51 36.4 30.9 46.3
86 66.5 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 17.416 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

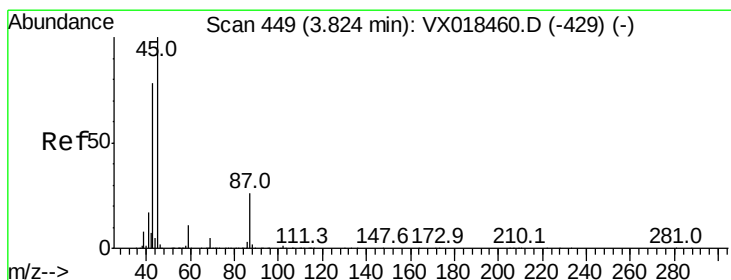
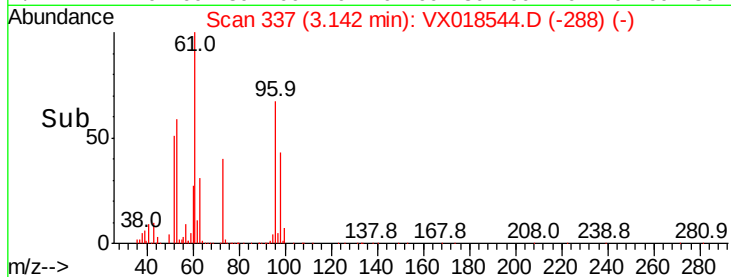
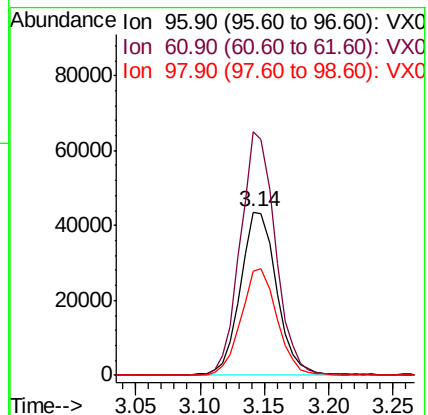
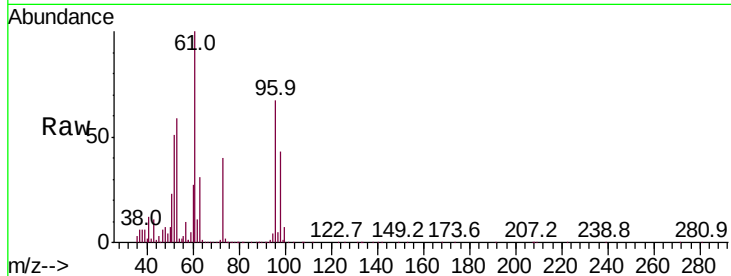
MSVOA_X

ClientSampleId :

VX0923WBSD01

Tot Ion: 96 Resp: 84866

Ion	Ratio	Lower	Upper
96	100		
61	149.0	115.6	173.4
98	63.7	50.2	75.4



#22

Diisopropyl ether

Concen: 18.223 ug/l

RT: 3.82 min Scan# 449

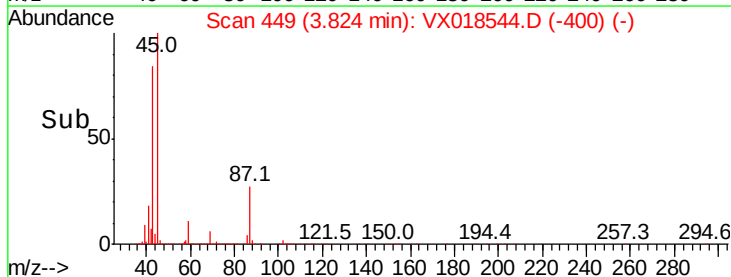
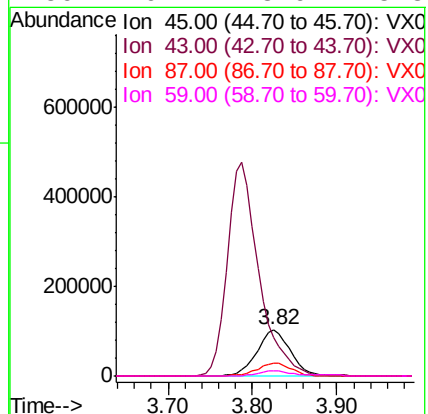
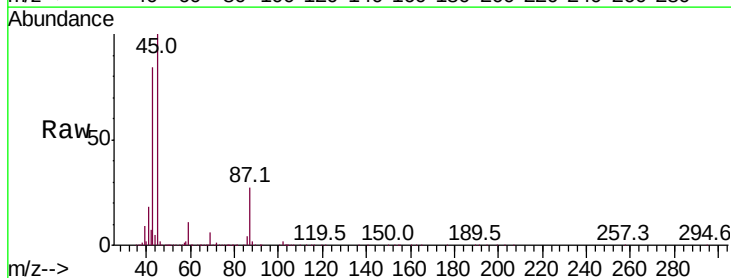
Delta R.T. -0.00 min

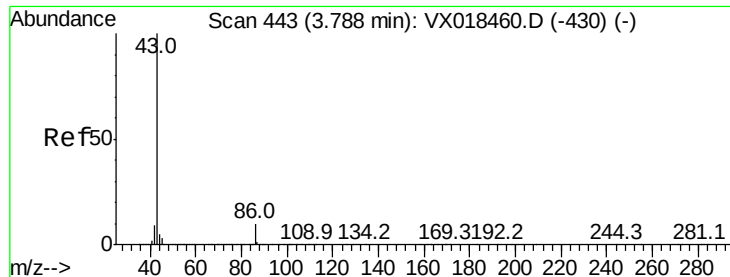
Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Tgt Ion: 45 Resp: 278325

Ion	Ratio	Lower	Upper
45	100		
43	83.6	62.4	93.6
87	27.2	21.2	31.8
59	10.7	8.9	13.3





#23

Vinyl Acetate

Concen: 90.331 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleID :

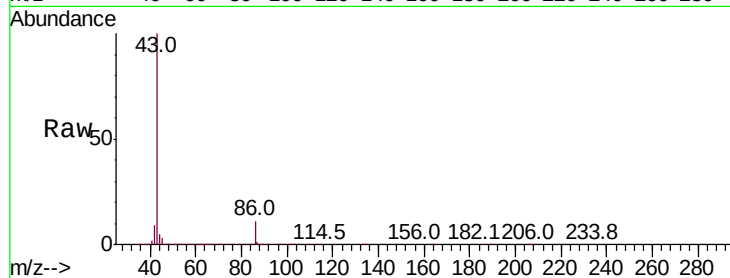
VX0923WBSD01

Tot Ion: 43 Resp: 1222500

Ion Ratio Lower Upper

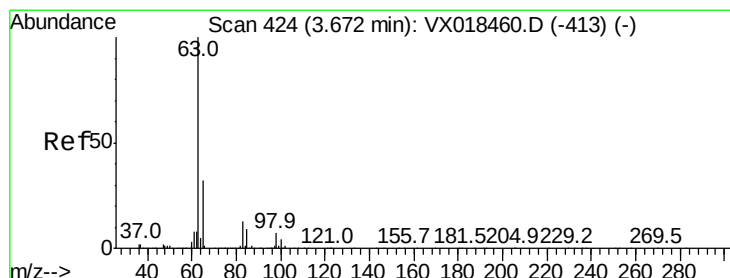
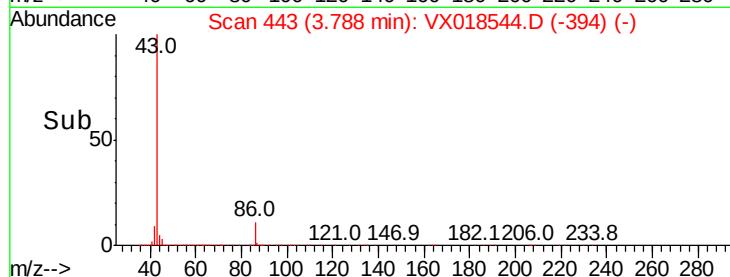
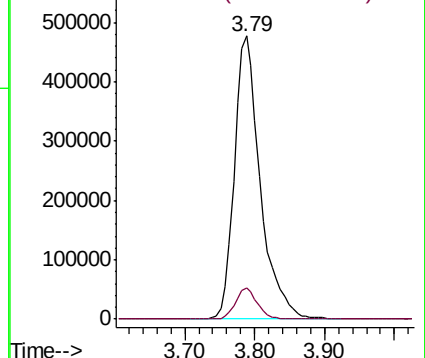
43 100

86 10.8 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: 18.095 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

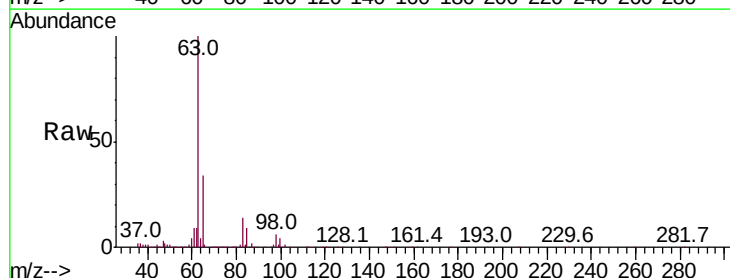
Tgt Ion: 63 Resp: 159382

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.6

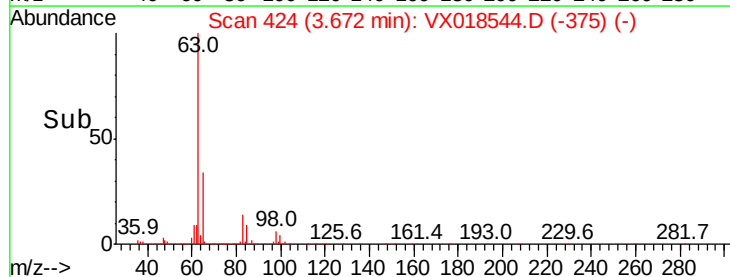
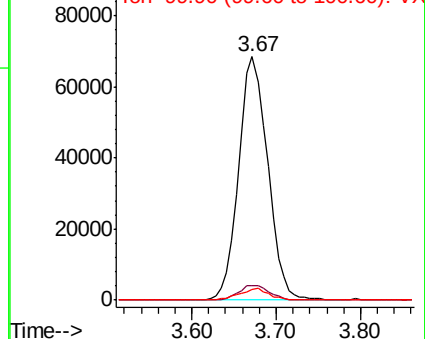
100 4.3 1.9 5.7

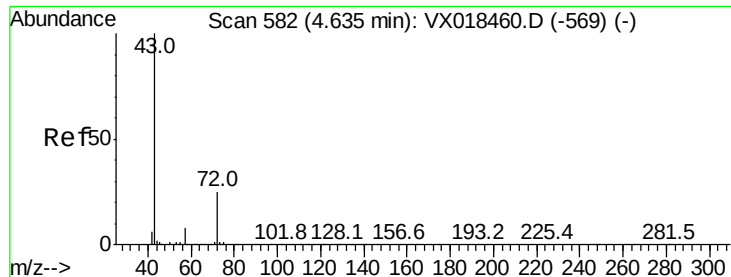


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 83.866 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

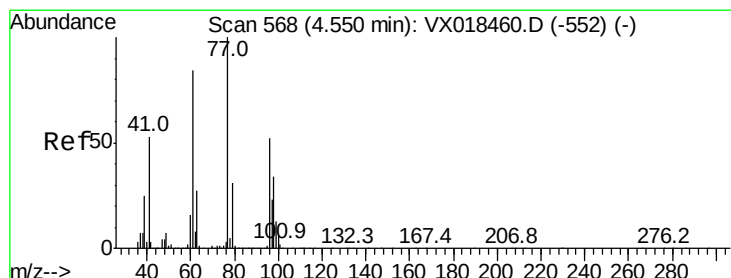
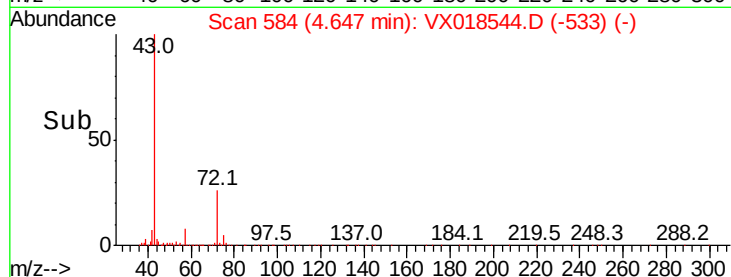
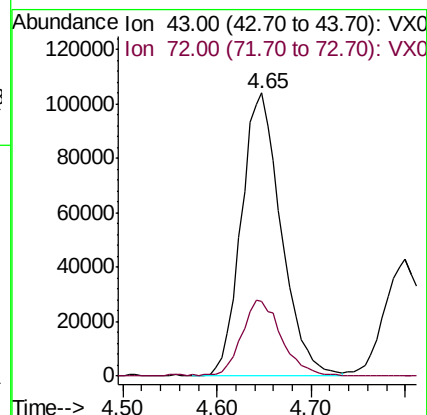
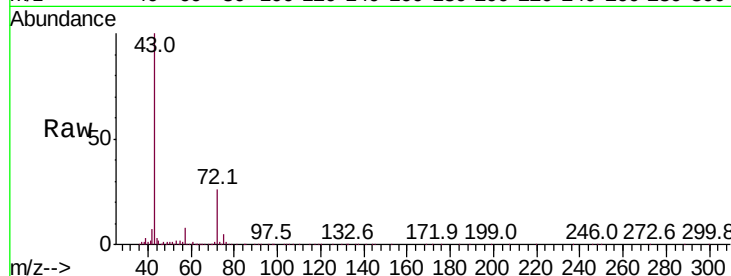
VX0923WBSD01

Tot Ion: 43 Resp: 305920

Ion Ratio Lower Upper

43 100

72 25.9 20.2 30.4



#26

2,2-Dichloropropane

Concen: 18.319 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018544.D

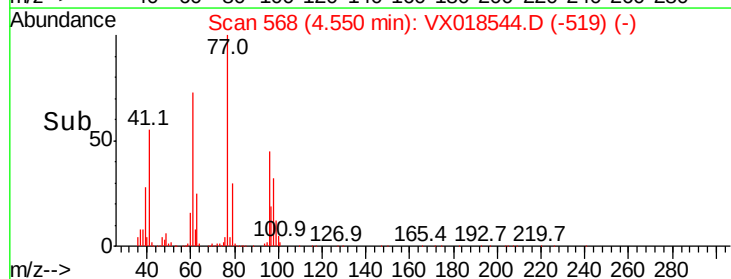
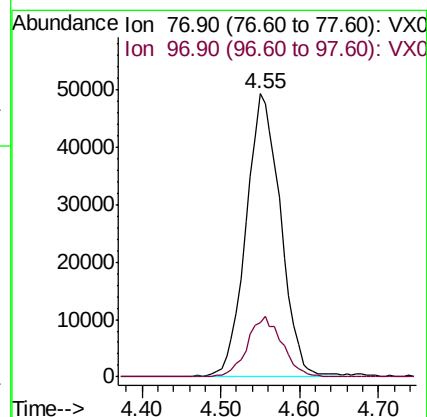
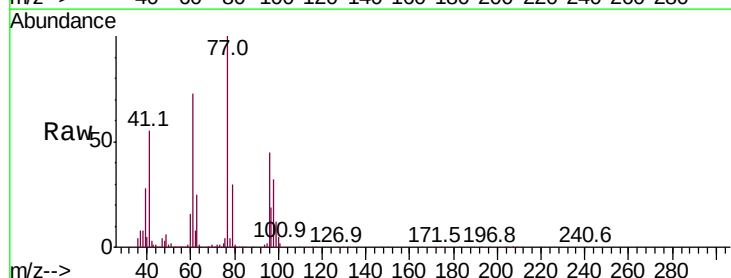
Acq: 23 Sep 2020 19:08

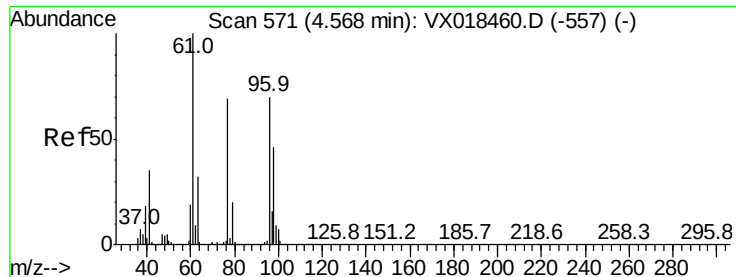
Tgt Ion: 77 Resp: 149083

Ion Ratio Lower Upper

77 100

97 21.6 11.2 33.5



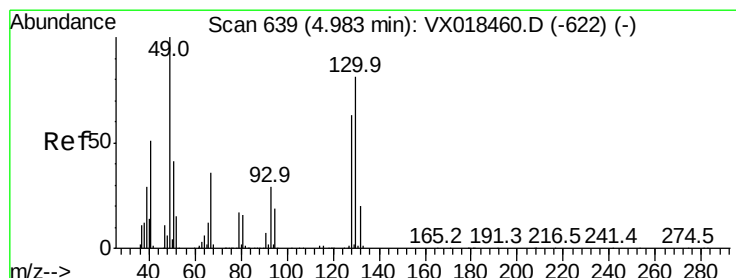
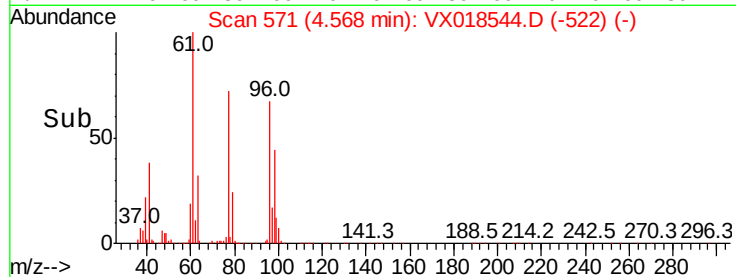
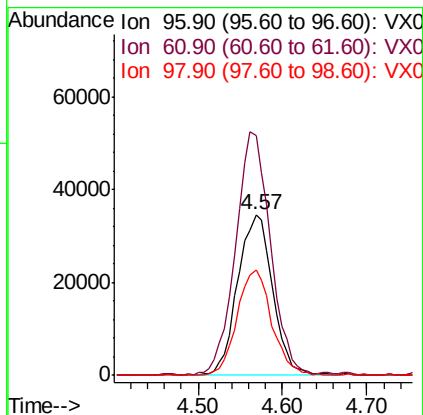
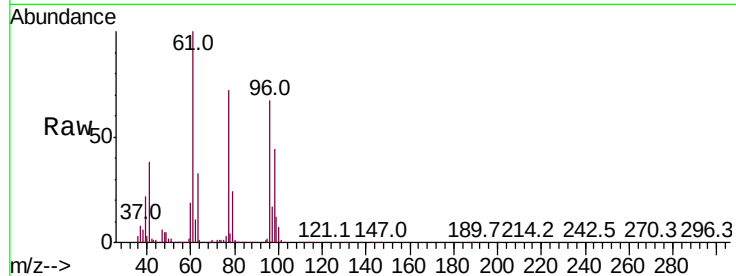


#27

cis-1,2-Dichloroethene
 Concen: 17.808 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

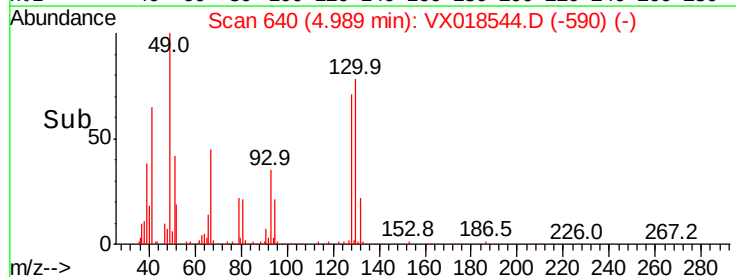
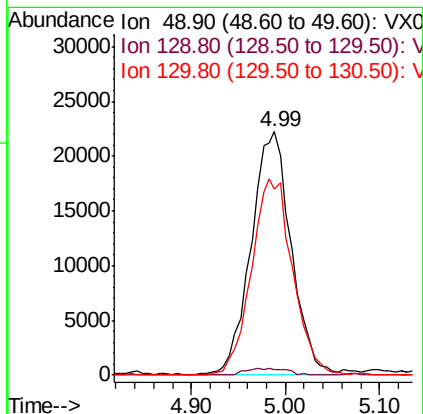
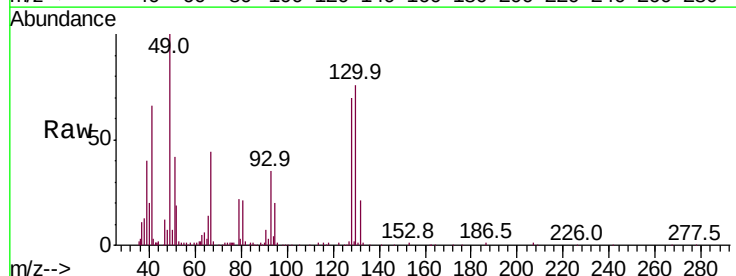
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	300.0
98	65.0	0.0	130.4

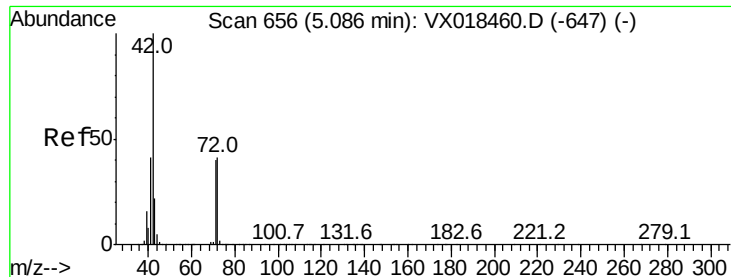


#28

Bromochloromethane
 Concen: 16.093 ug/l
 RT: 4.99 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.6
130	82.9	65.0	97.4





#29

Tetrahydrofuran

Concen: 84.605 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

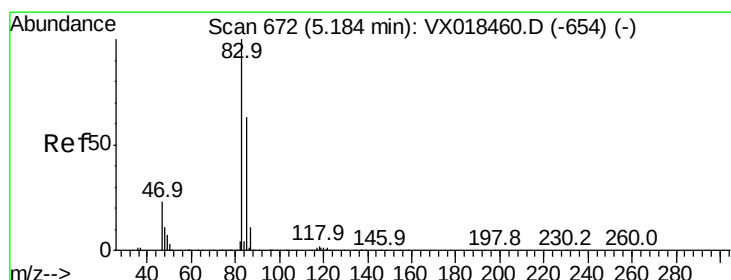
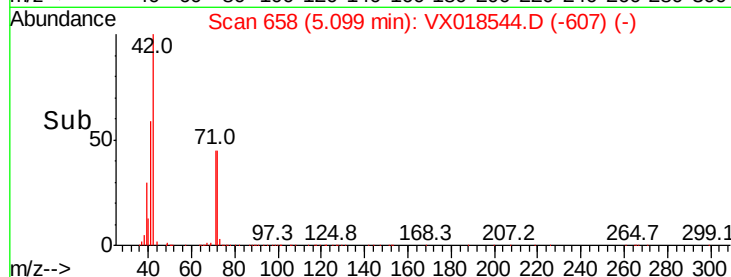
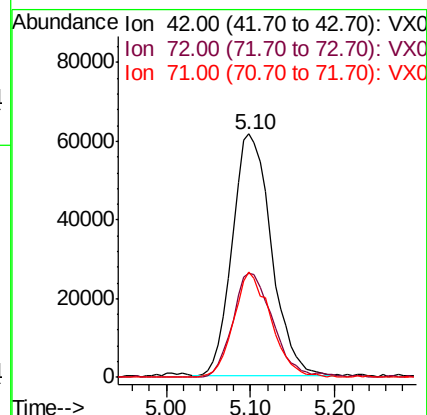
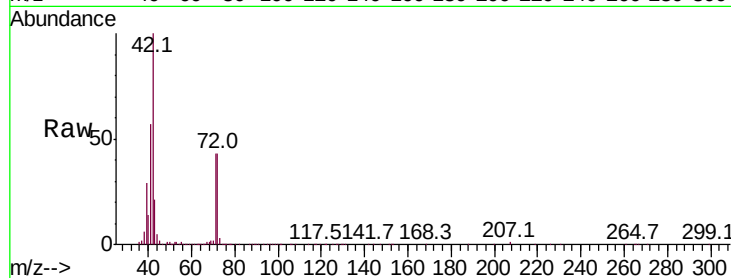
Tot Ion: 42 Resp: 194517

Ion Ratio Lower Upper

42 100

72 44.1 34.3 51.5

71 41.6 32.1 48.1



#30

Chloroform

Concen: 19.092 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX018544.D

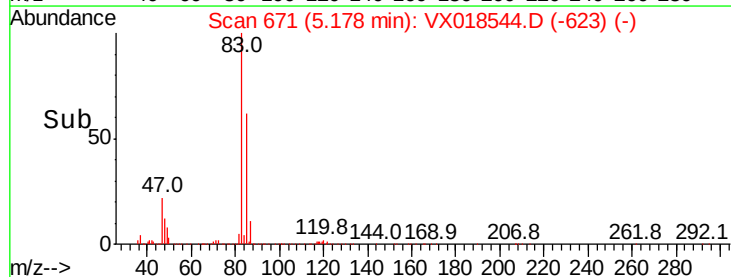
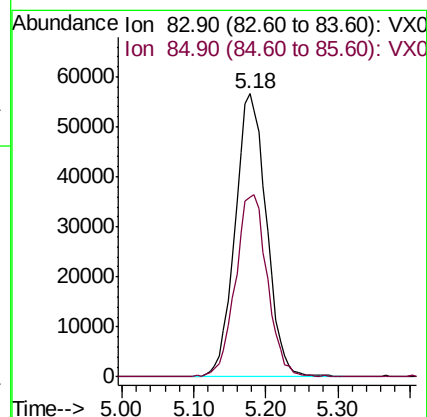
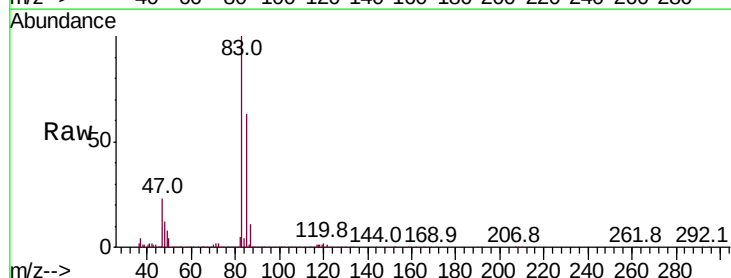
Acq: 23 Sep 2020 19:08

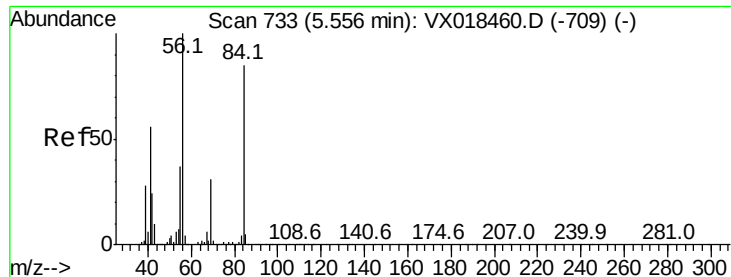
Tgt Ion: 83 Resp: 170622

Ion Ratio Lower Upper

83 100

85 63.4 50.6 76.0

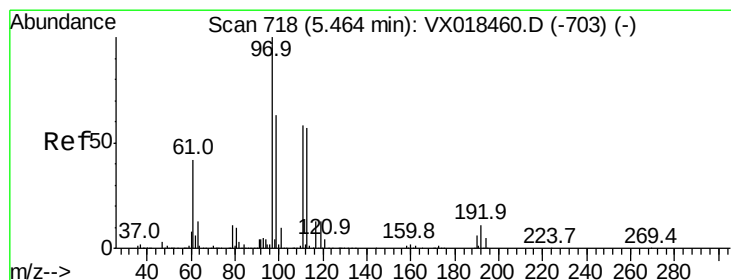
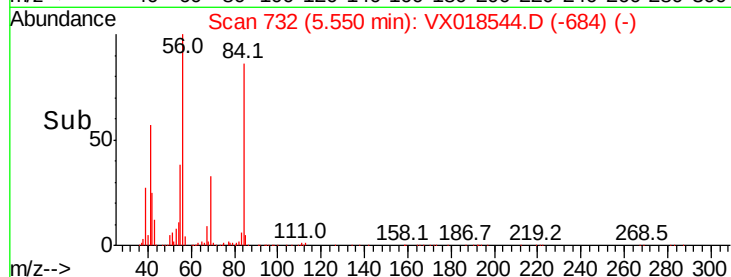
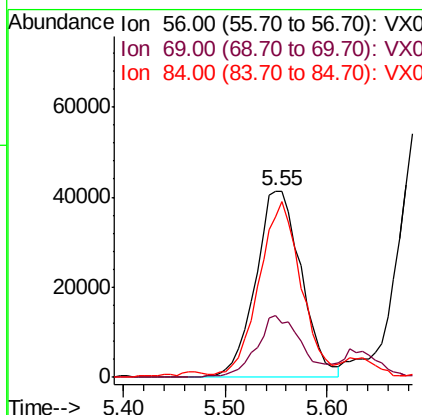
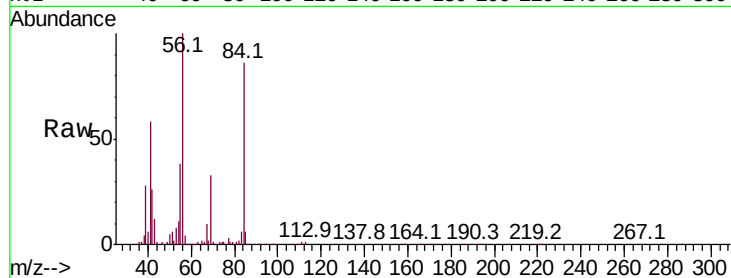




#31
Cyclohexane
Concen: 17.341 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

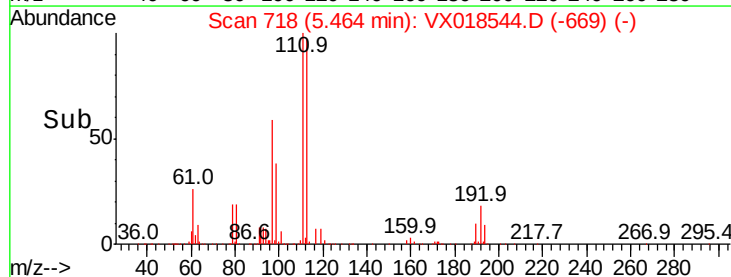
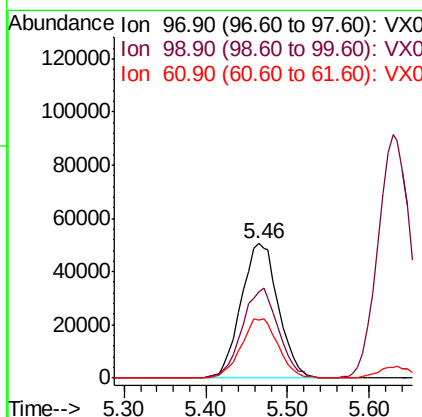
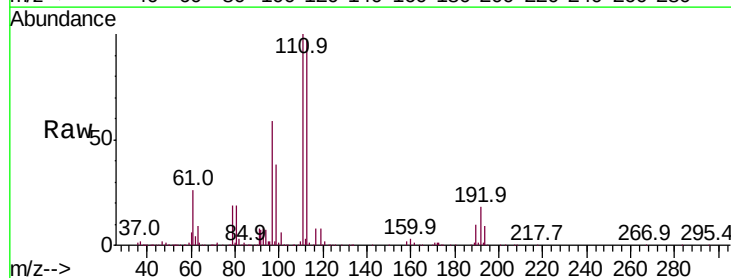
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

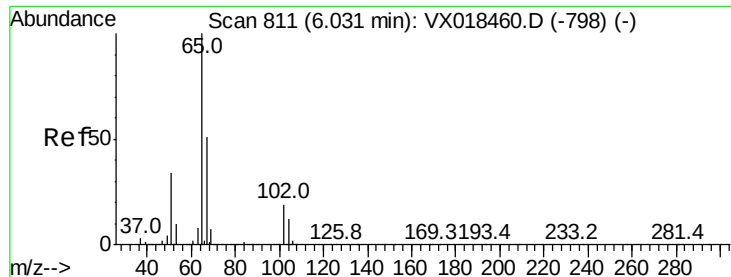
Tot Ion: 56 Resp: 128532
Ion Ratio Lower Upper
56 100
69 32.4 24.8 37.2
84 83.5 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 19.222 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion: 97 Resp: 161161
Ion Ratio Lower Upper
97 100
99 64.8 50.5 75.7
61 43.3 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 51.022 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

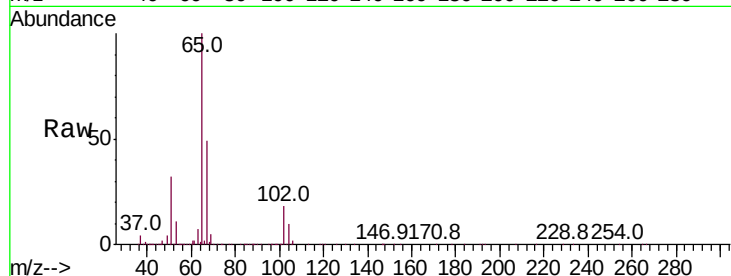
VX0923WBSD01

Tot Ion: 65 Resp: 312506

Ion Ratio Lower Upper

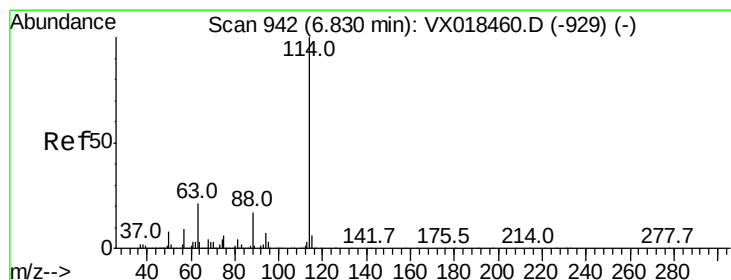
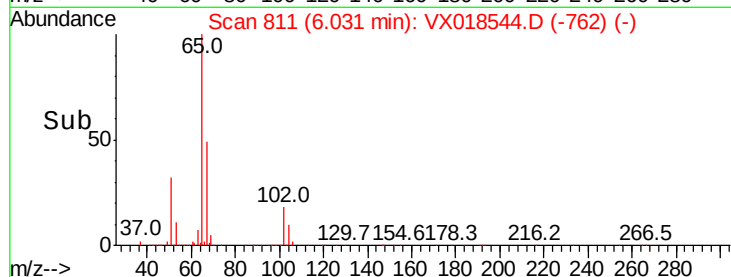
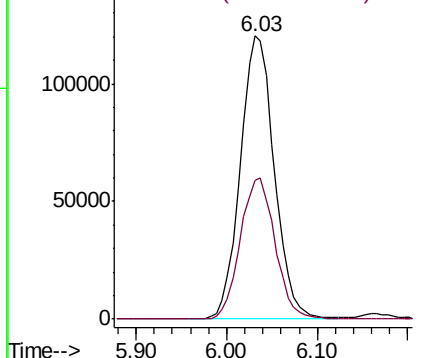
65 100

67 51.0 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

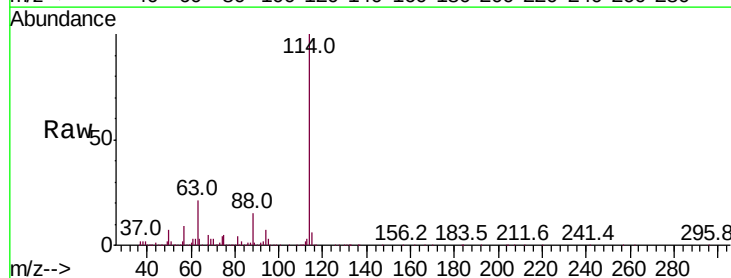
Tgt Ion:114 Resp: 661615

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

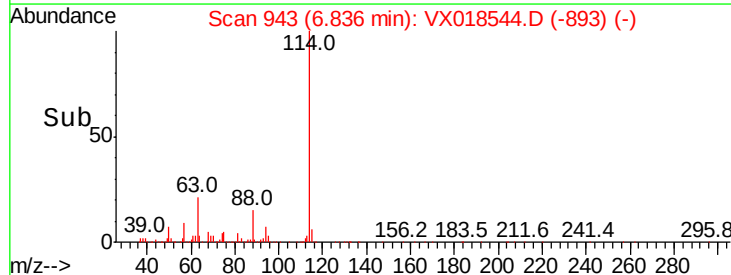
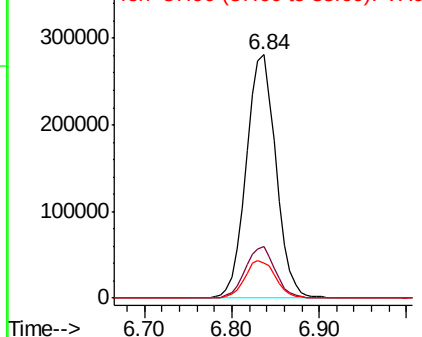
88 14.5 0.0 33.6

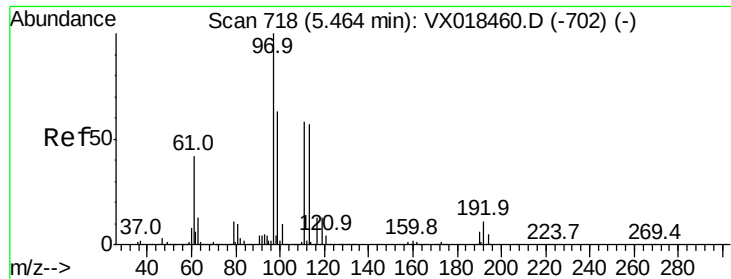


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

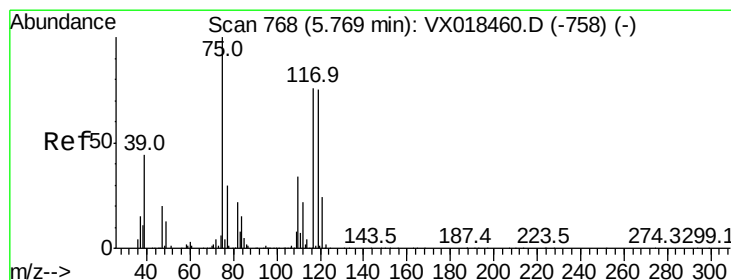
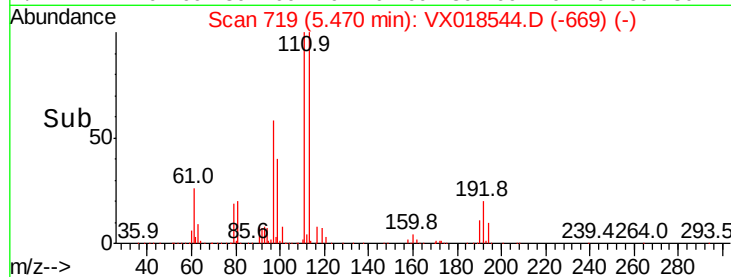
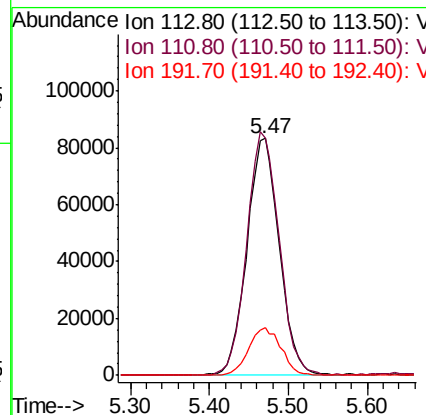
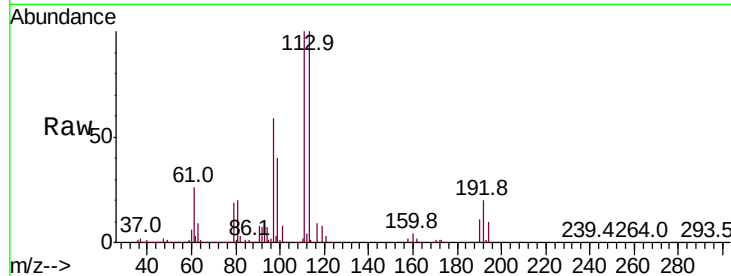




#35
Dibromofluoromethane
Concen: 52.079 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

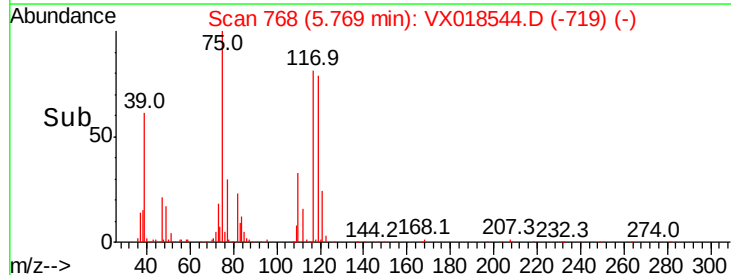
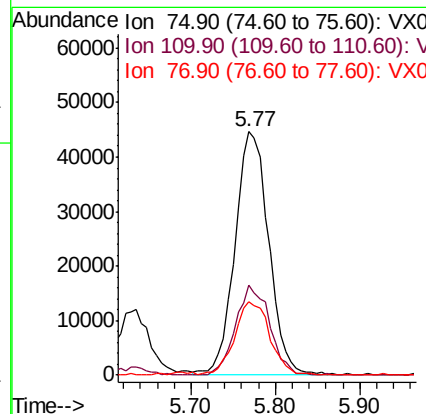
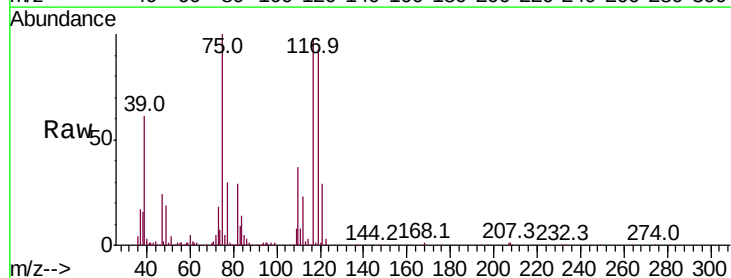
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

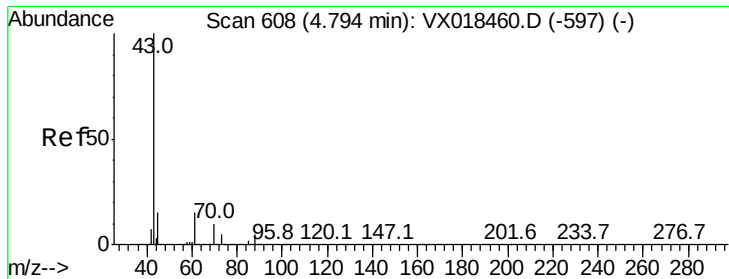
Tot Ion:113 Resp: 238201
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.2
192 20.2 16.6 24.8



#36
1,1-Dichloropropene
Concen: 18.786 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion: 75 Resp: 120637
Ion Ratio Lower Upper
75 100
110 37.3 17.6 52.8
77 31.6 25.0 37.6

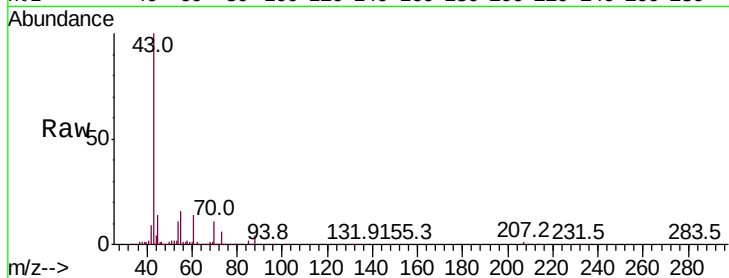




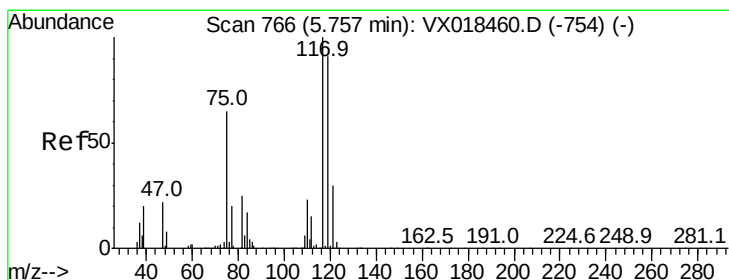
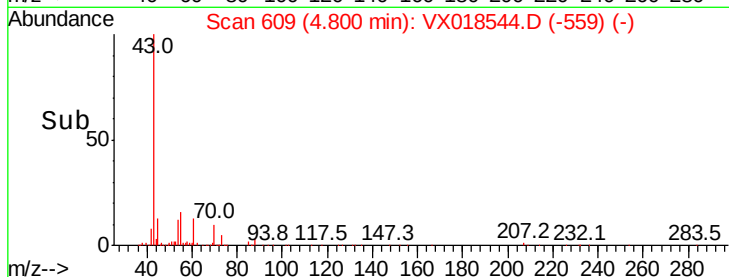
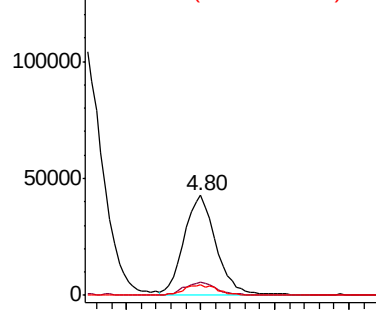
#37
Ethyl Acetate
Concen: 18.338 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Tot Ion: 43 Resp: 125748
Ion Ratio Lower Upper
43 100
61 13.2 10.9 16.3
70 10.9 8.3 12.5

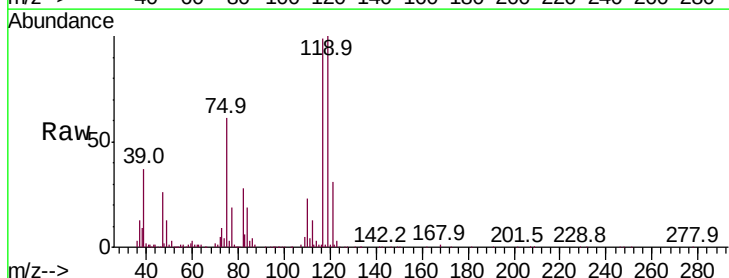


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

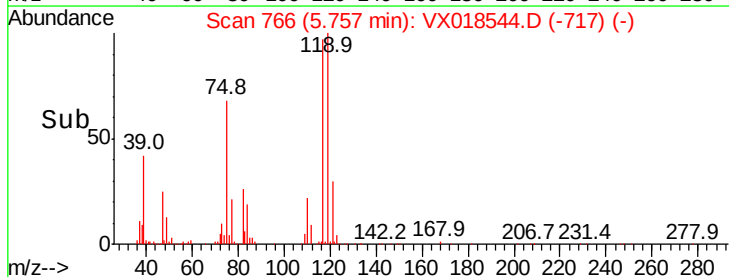
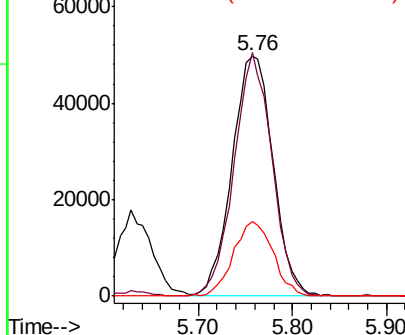


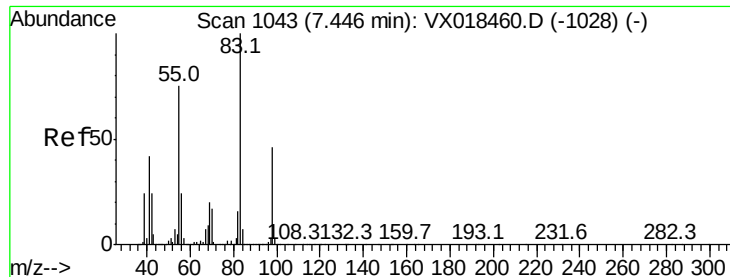
#38
Carbon Tetrachloride
Concen: 21.106 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion: 117 Resp: 150110
Ion Ratio Lower Upper
117 100
119 101.3 72.3 108.5
121 31.0 23.8 35.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methylvlcyclohexane

Concen: 17.820 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

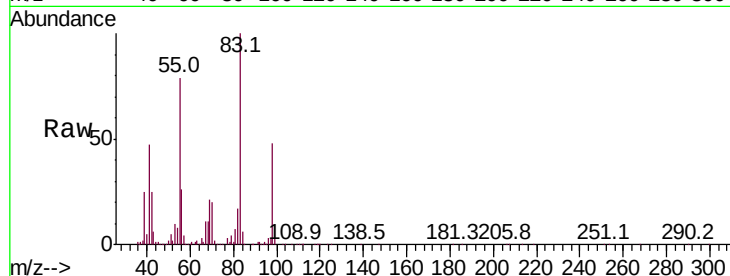
Tot Ion: 83 Resp: 128563

Ion Ratio Lower Upper

83 100

55 78.6 60.2 90.4

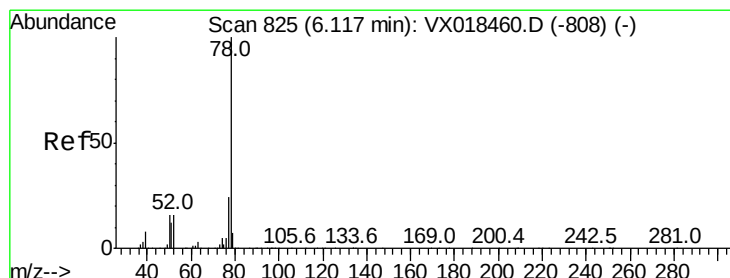
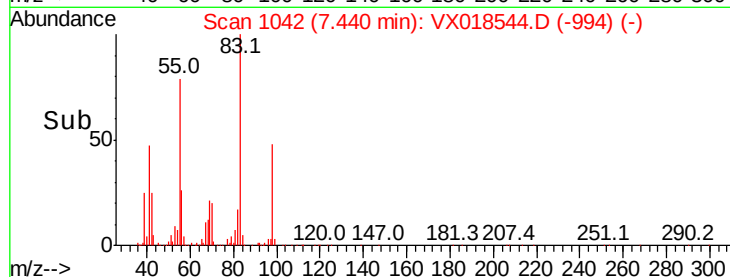
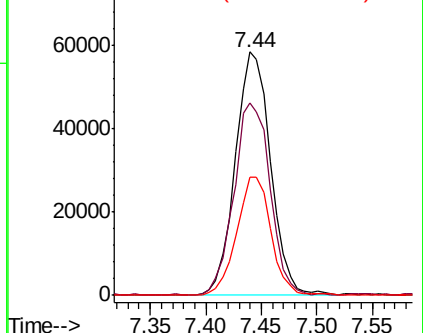
98 48.3 36.4 54.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 18.838 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX018544.D

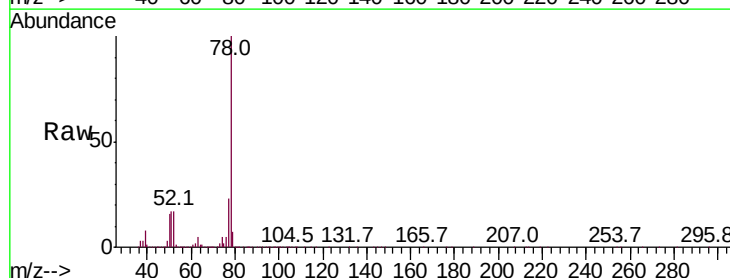
Acq: 23 Sep 2020 19:08

Tgt Ion: 78 Resp: 346691

Ion Ratio Lower Upper

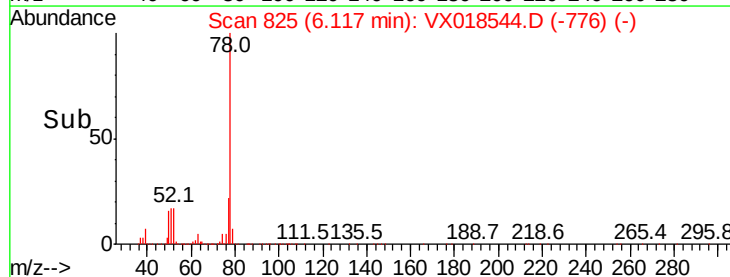
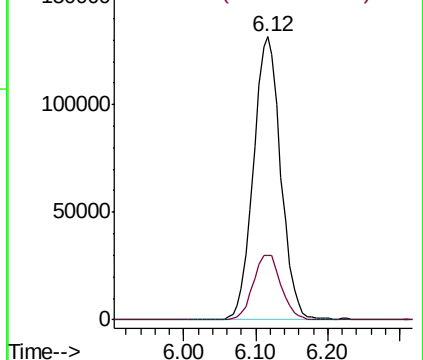
78 100

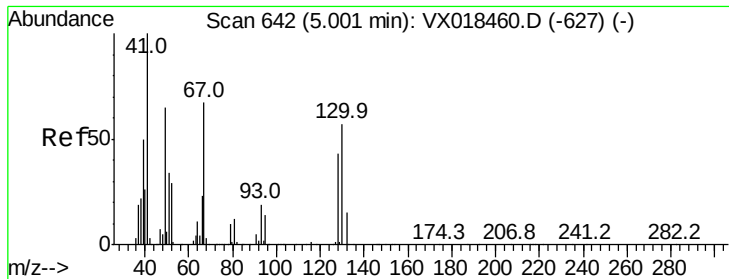
77 22.9 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

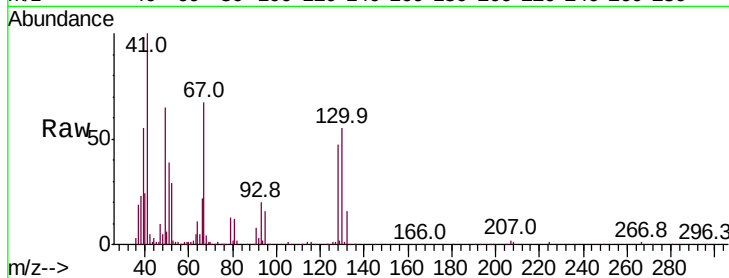




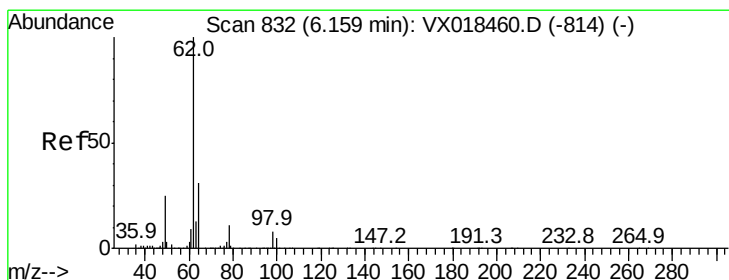
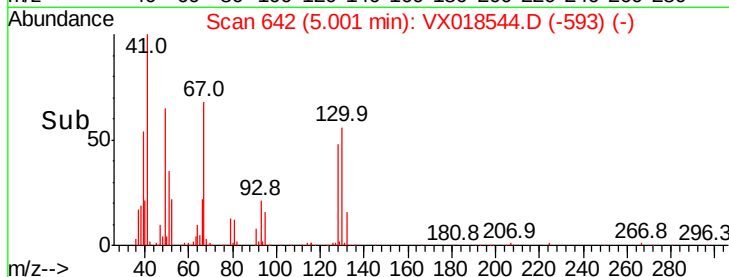
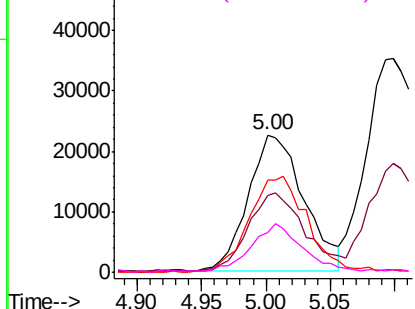
#41
Methacrylonitrile
Concen: 17.769 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Tot Ion:	41	Resp:	67705
Ion	Ratio	Lower	Upper
41	100		
39	59.5	45.3	67.9
67	74.0	56.7	85.1
52	30.4	23.4	35.0

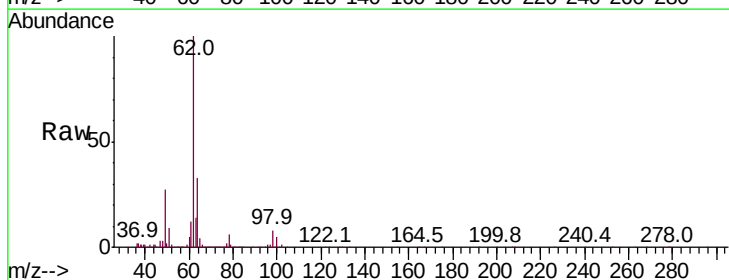


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

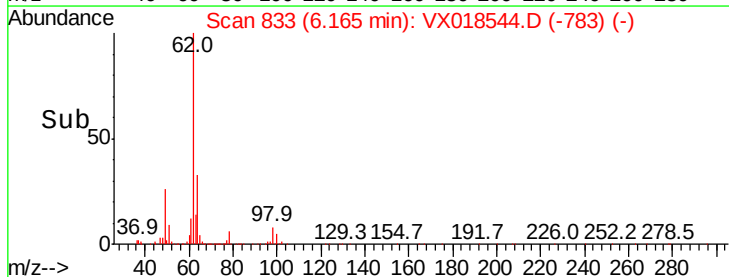
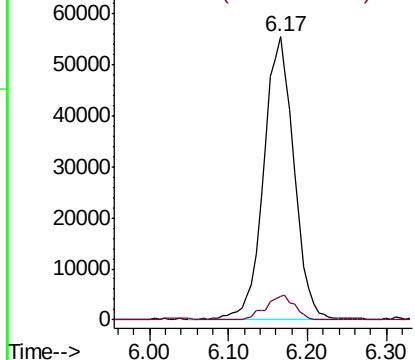


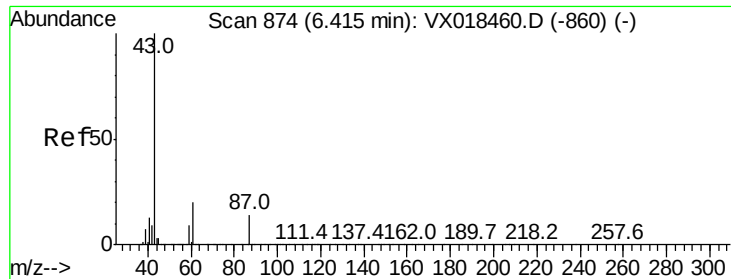
#42
1,2-Dichloroethane
Concen: 20.677 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion:	62	Resp:	148042
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 17.665 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

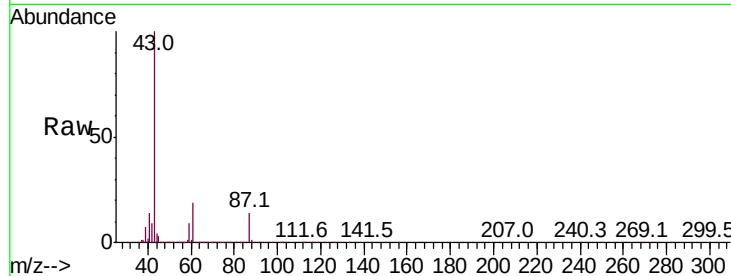
Tot Ion: 43 Resp: 201019

Ion Ratio Lower Upper

43 100

61 20.4 15.7 23.5

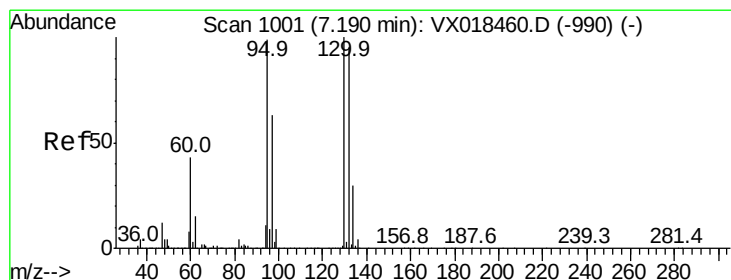
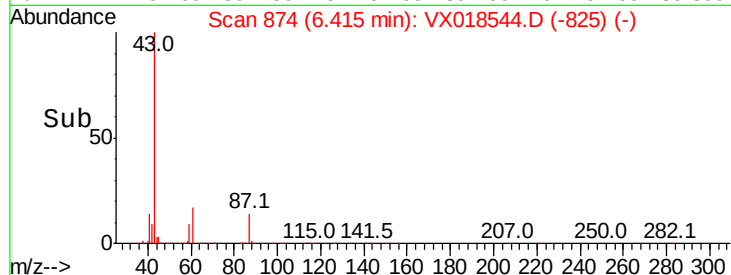
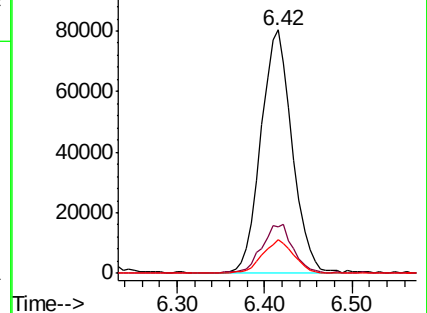
87 13.9 10.4 15.6



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: 18.388 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018544.D

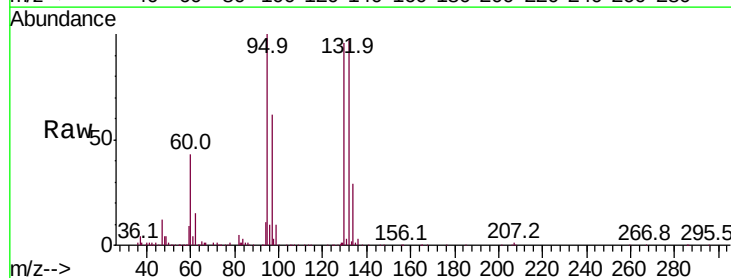
Acq: 23 Sep 2020 19:08

Tgt Ion:130 Resp: 97966

Ion Ratio Lower Upper

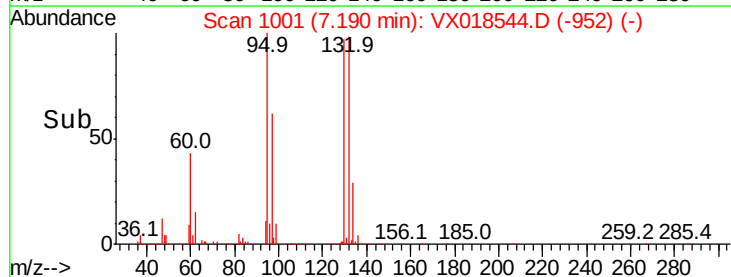
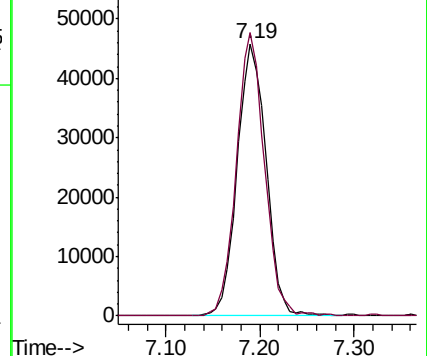
130 100

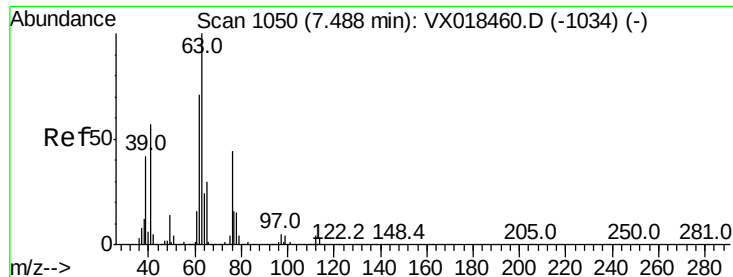
95 104.1 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.750 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

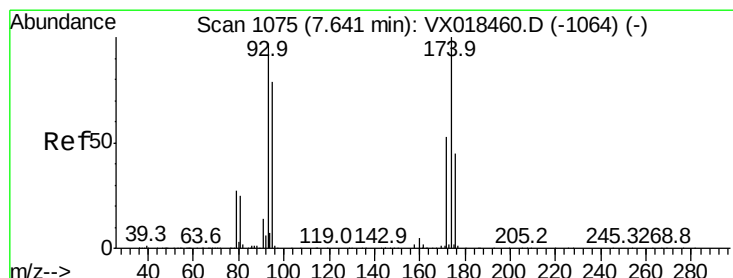
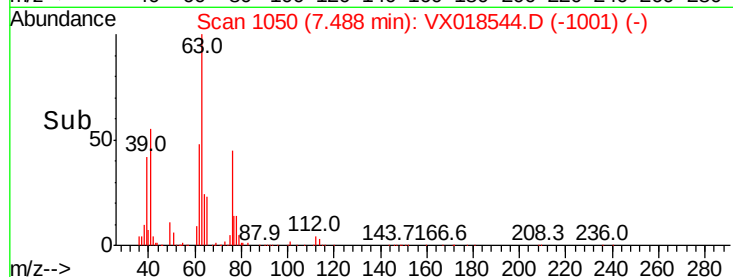
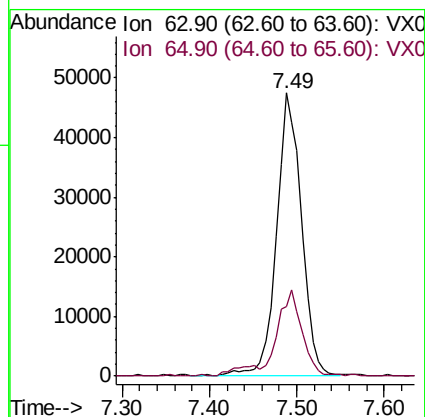
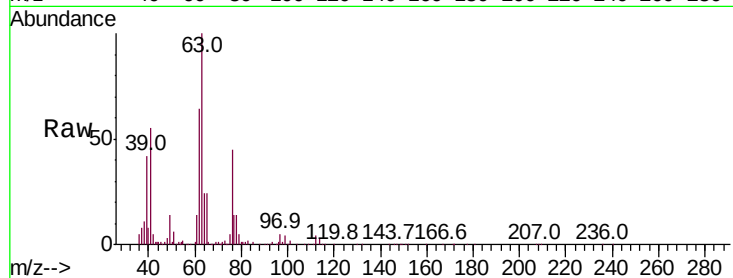
VX0923WBSD01

Tot Ion: 63 Resp: 94714

Ion Ratio Lower Upper

63 100

65 24.1 24.1 36.1



#46

Dibromomethane

Concen: 19.553 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

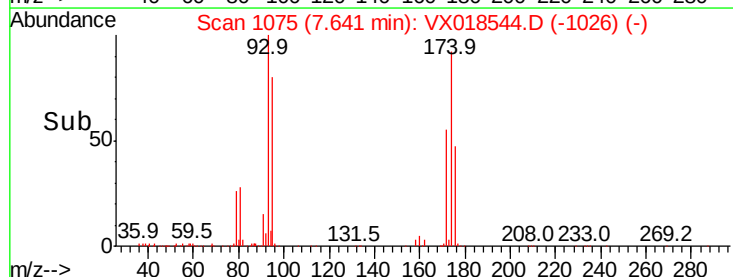
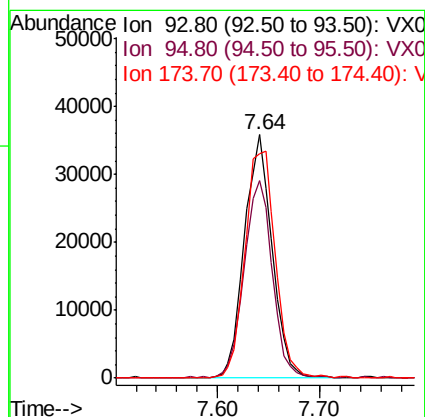
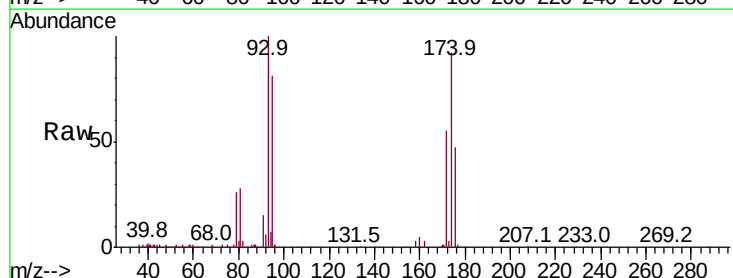
Tgt Ion: 93 Resp: 67857

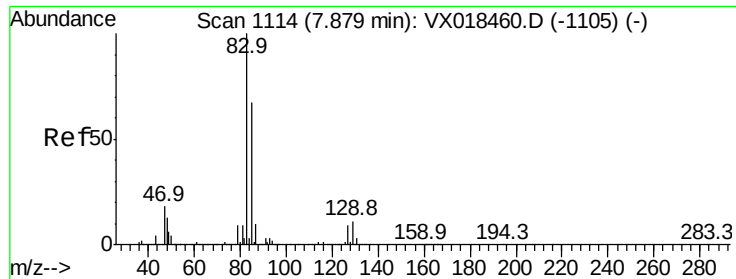
Ion Ratio Lower Upper

93 100

95 82.9 65.0 97.4

174 103.0 82.0 123.0





#47

Bromodichloromethane

Concen: 19.707 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

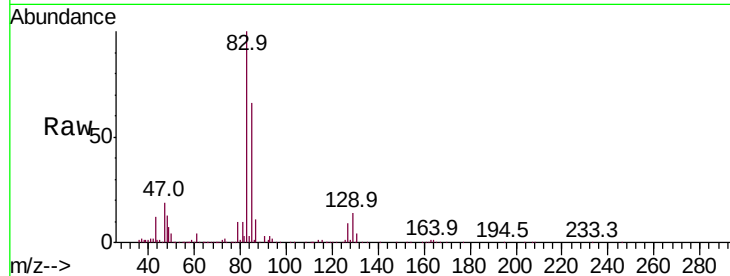
Tot Ion: 83 Resp: 137835

Ion Ratio Lower Upper

83 100

85 66.4 53.3 79.9

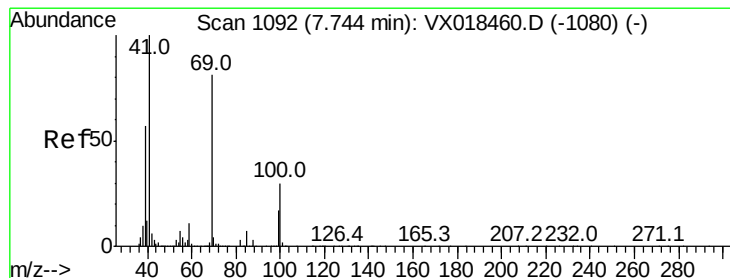
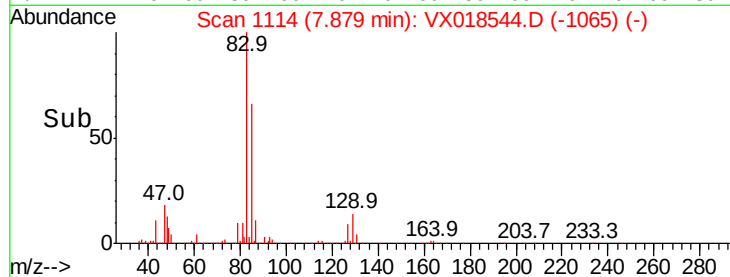
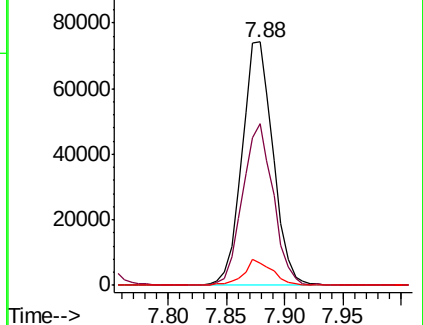
127 9.2 7.4 11.2



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: 17.388 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

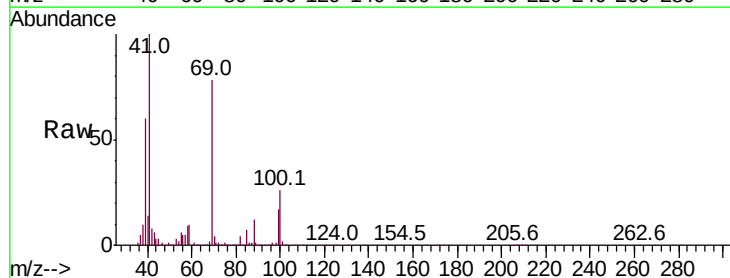
Tgt Ion: 41 Resp: 96309

Ion Ratio Lower Upper

41 100

69 83.0 63.7 95.5

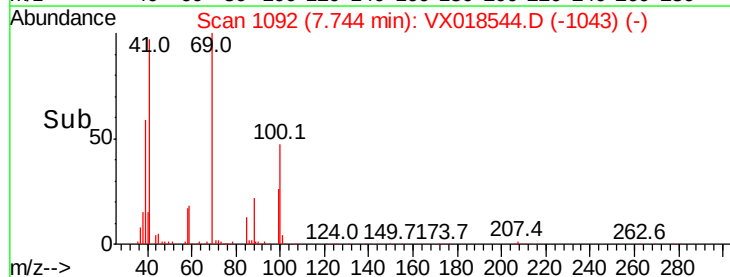
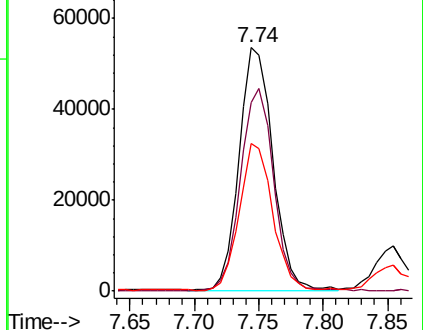
39 60.1 45.0 67.4

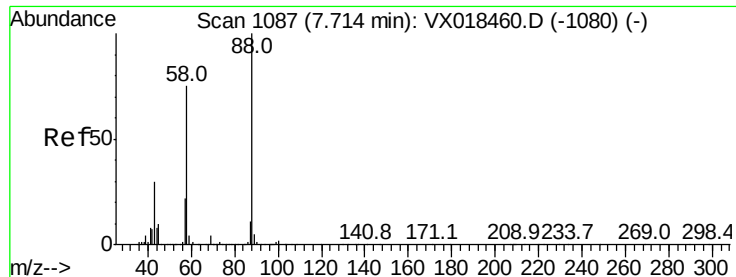


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 314.436 ug/l

RT: 7.76 min Scan# 1095

Delta R.T. 0.05 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

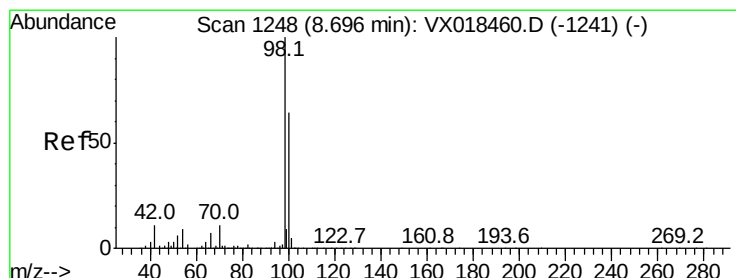
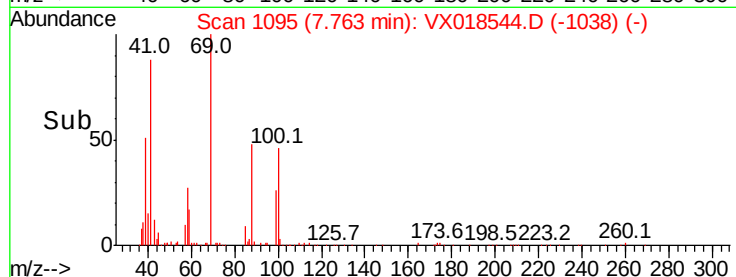
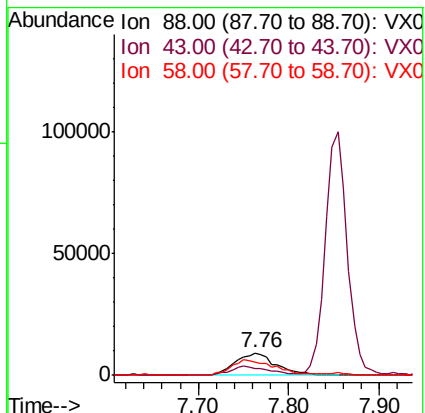
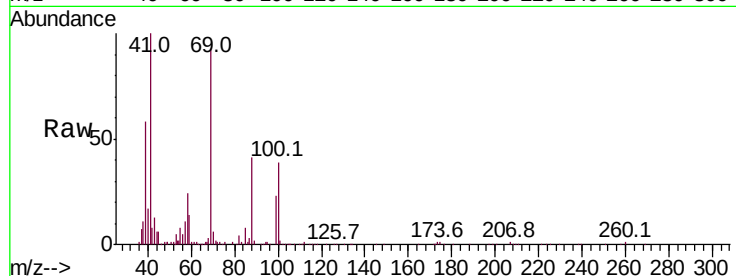
Tot Ion: 88 Resp: 28777

Ion Ratio Lower Upper

88 100

43 34.4 29.9 44.9

58 72.8 59.0 88.6



#50

Toluene-d8

Concen: 51.599 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018544.D

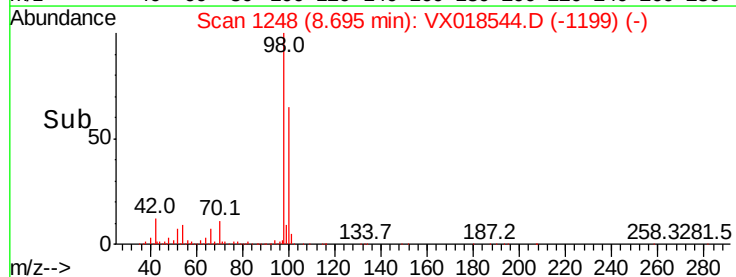
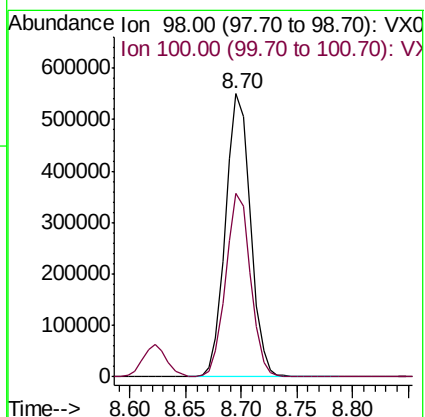
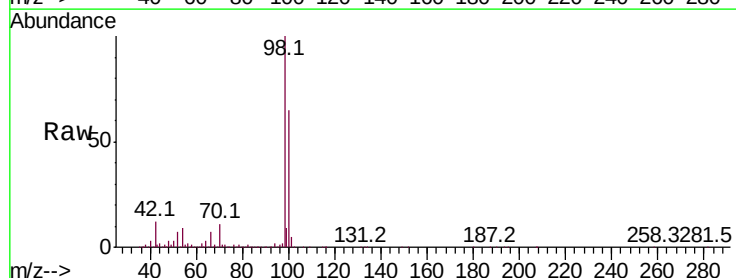
Acq: 23 Sep 2020 19:08

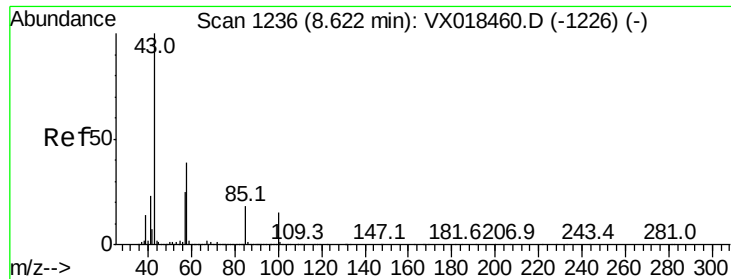
Tgt Ion: 98 Resp: 857481

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 92.864 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

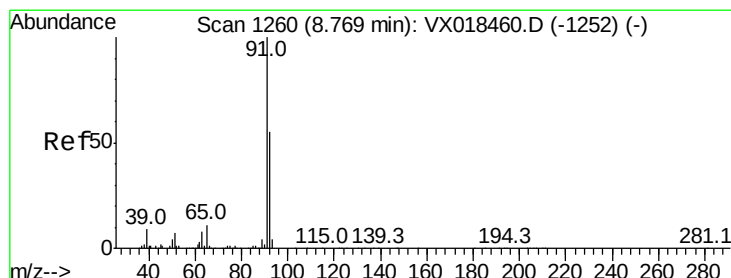
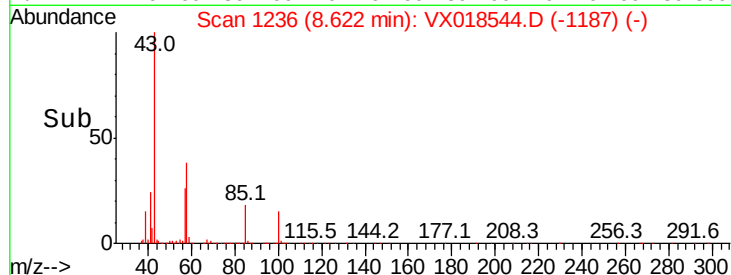
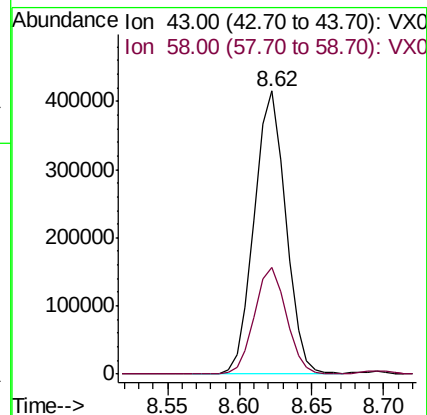
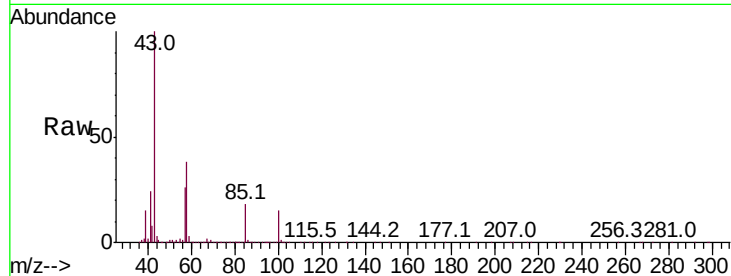
VX0923WBSD01

Tot Ion: 43 Resp: 629201

Ion Ratio Lower Upper

43 100

58 38.2 30.9 46.3



#52

Toluene

Concen: 19.188 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018544.D

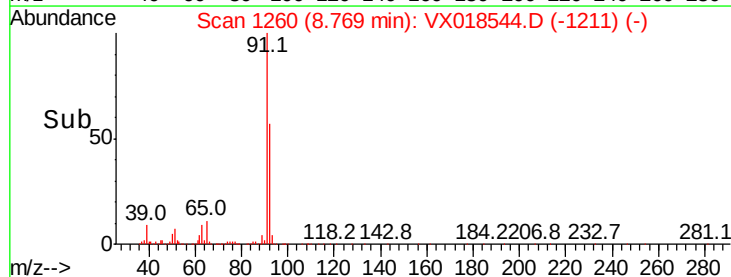
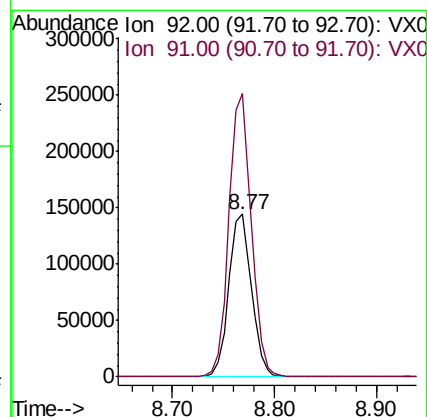
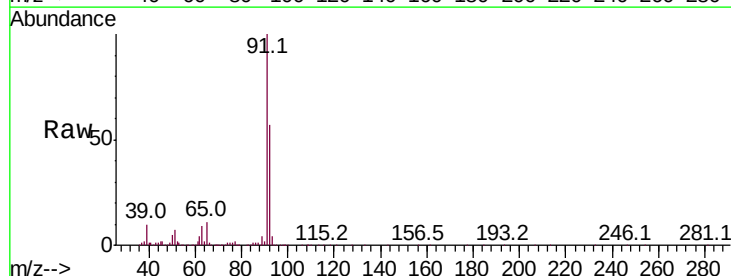
Acq: 23 Sep 2020 19:08

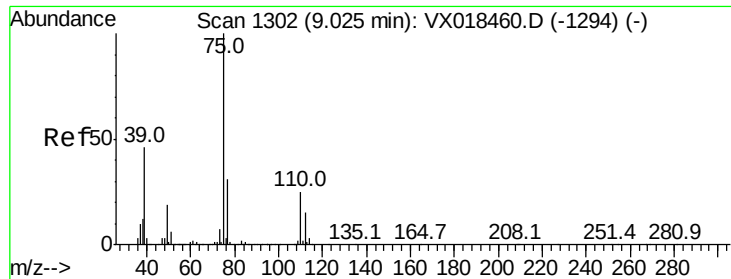
Tgt Ion: 92 Resp: 222211

Ion Ratio Lower Upper

92 100

91 171.8 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 18.748 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

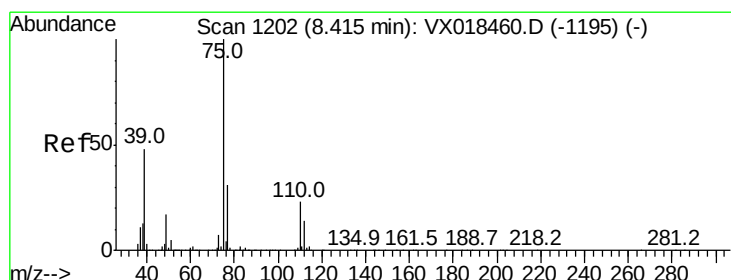
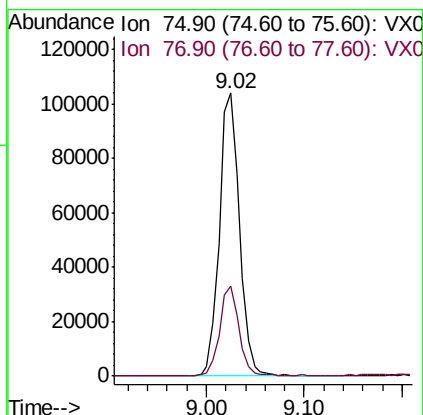
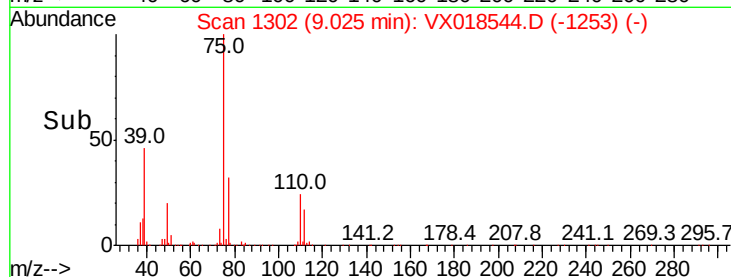
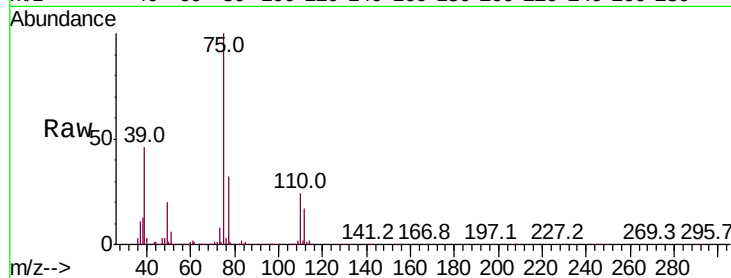
VX0923WBSD01

Tot Ion: 75 Resp: 148991

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 18.872 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

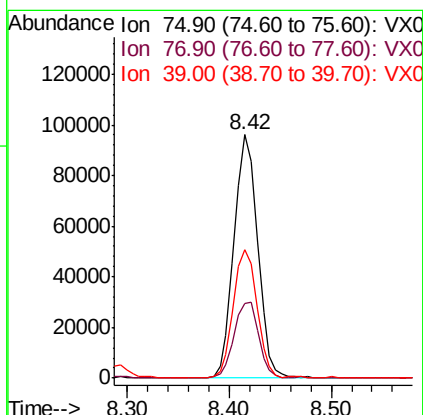
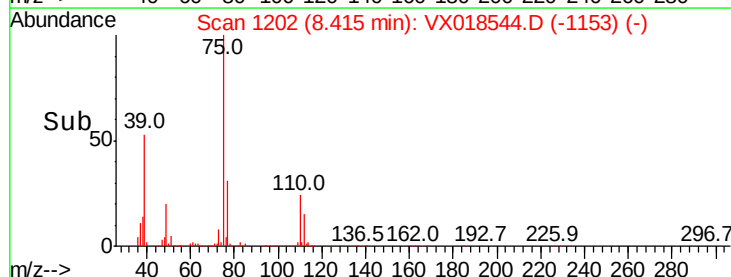
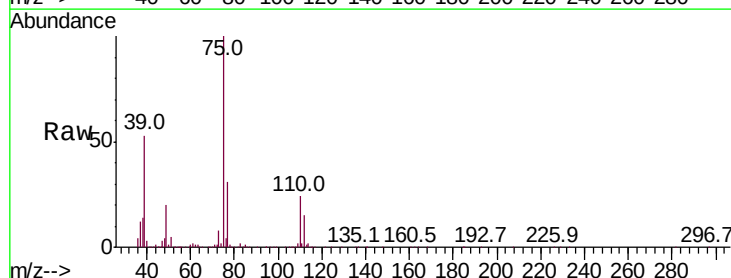
Tgt Ion: 75 Resp: 154510

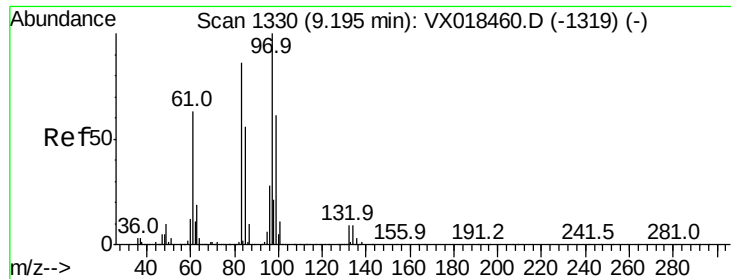
Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2

39 52.8 38.6 58.0

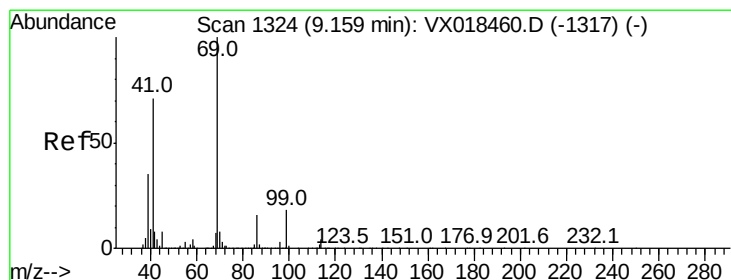
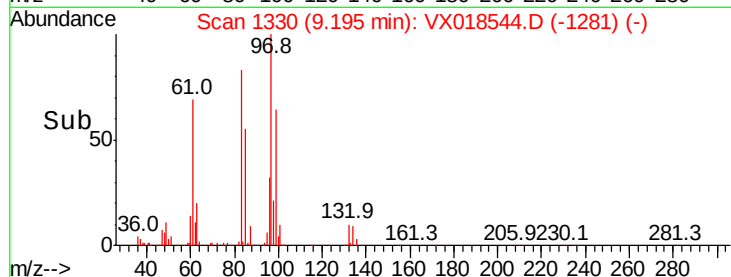
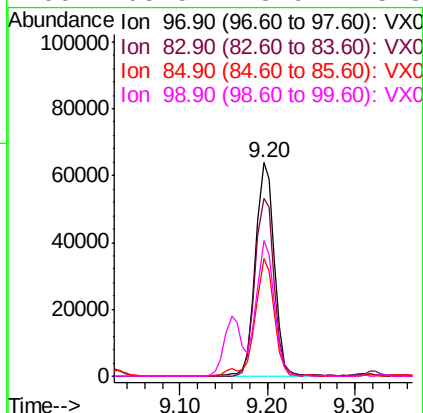
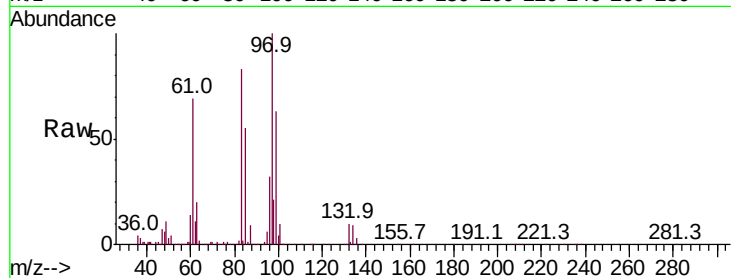




#55
 1,1,2-Trichloroethane
 Concen: 19.773 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

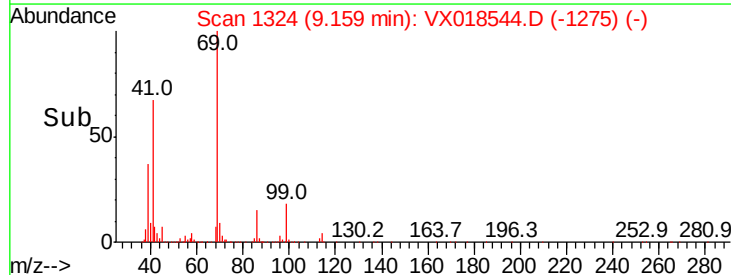
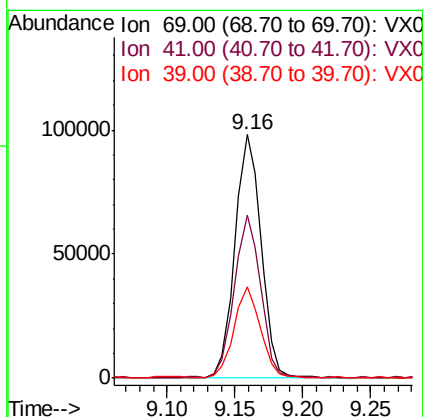
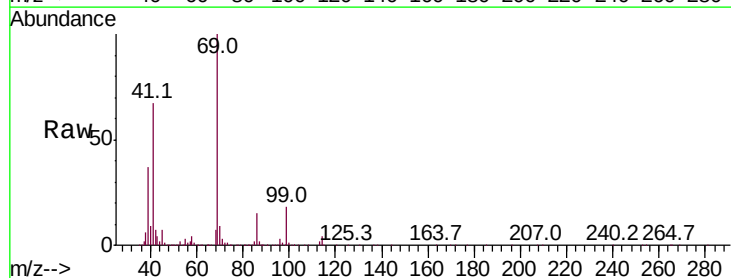
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

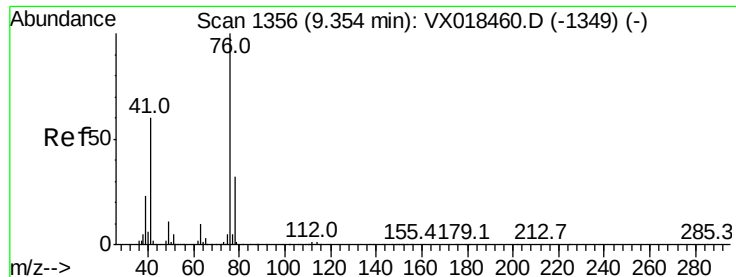
Tot Ion:	97	Resp:	95017
Ion	Ratio	Lower	Upper
97	100		
83	83.2	68.5	102.7
85	55.0	44.8	67.2
99	63.5	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 18.496 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Tgt Ion:	69	Resp:	131789
Ion	Ratio	Lower	Upper
69	100		
41	67.2	54.6	81.8
39	37.6	29.3	43.9





#57

1,3-Dichloropropane

Concen: 19.086 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

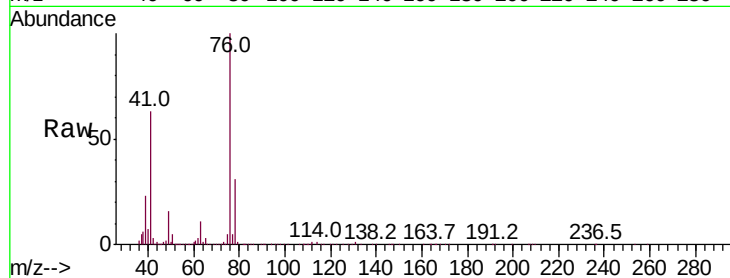
VX0923WBSD01

Tot Ion: 76 Resp: 154099

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

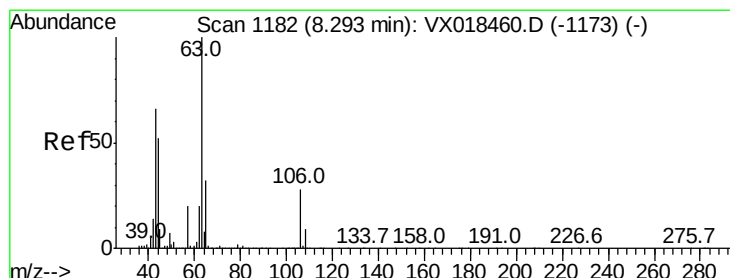
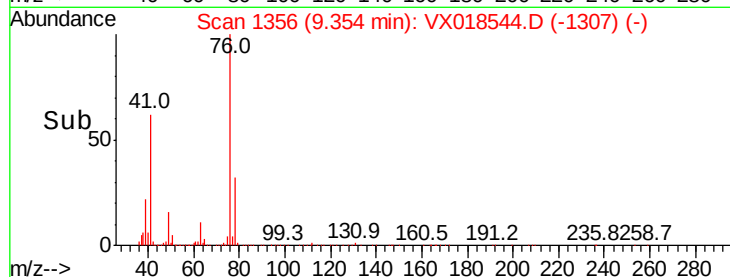
100000

50000

0

Time-->

9.30 9.35 9.40



#58

2-Chloroethyl Vinyl ether

Concen: 84.823 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018544.D

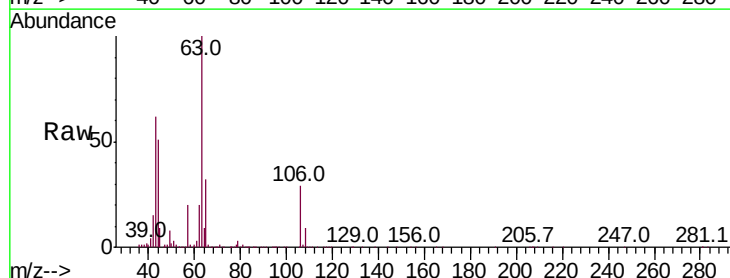
Acq: 23 Sep 2020 19:08

Tgt Ion: 63 Resp: 321338

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

250000

200000

150000

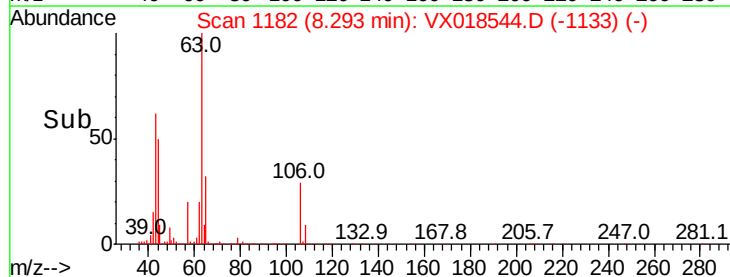
100000

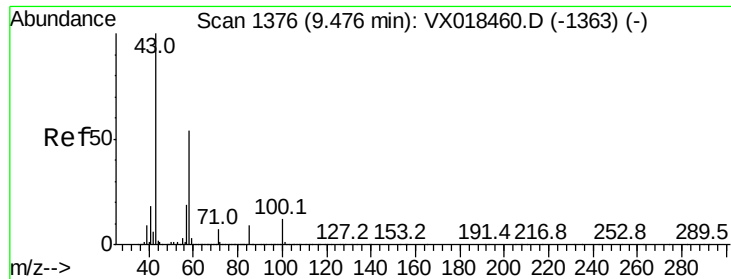
50000

0

Time-->

8.20 8.30 8.40

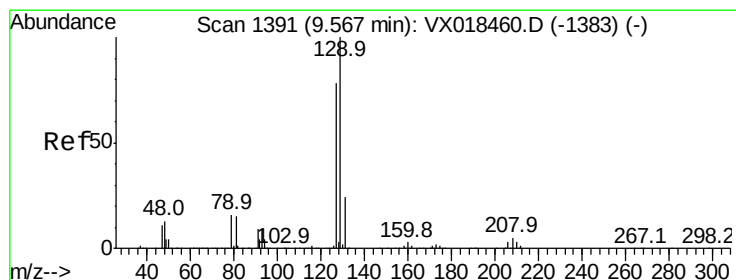
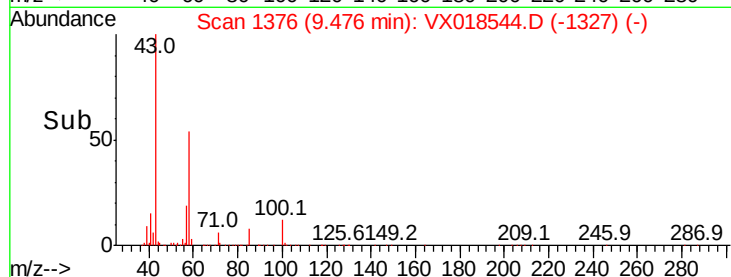
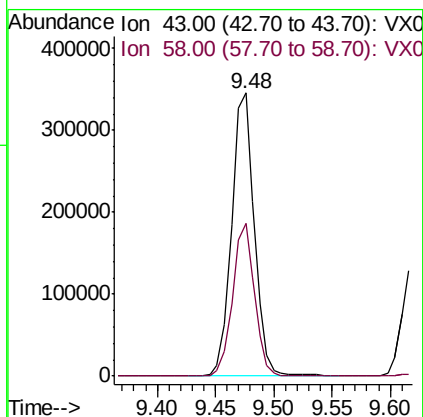
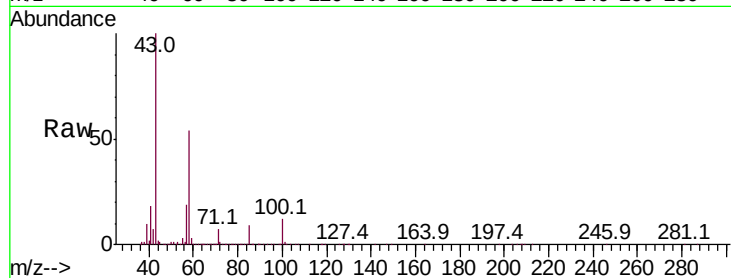




#59
2-Hexanone
Concen: 90.679 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

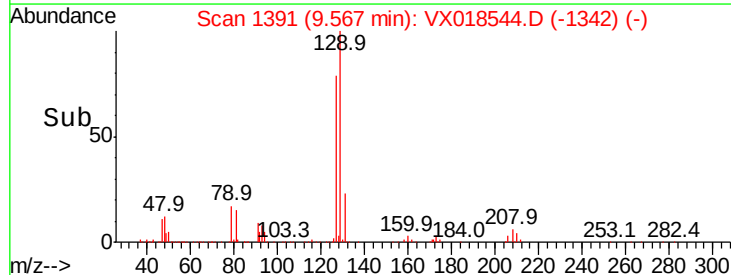
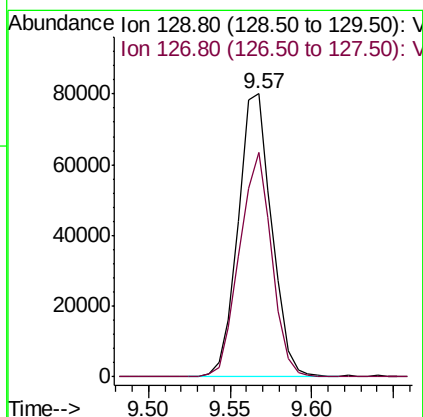
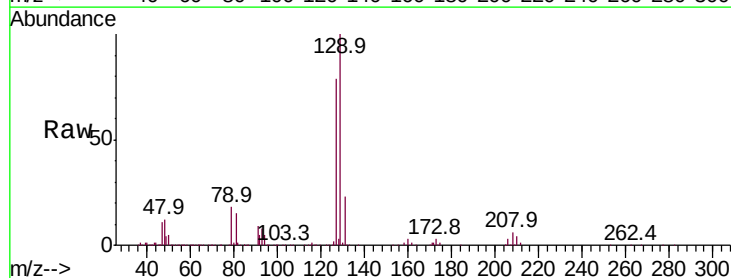
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

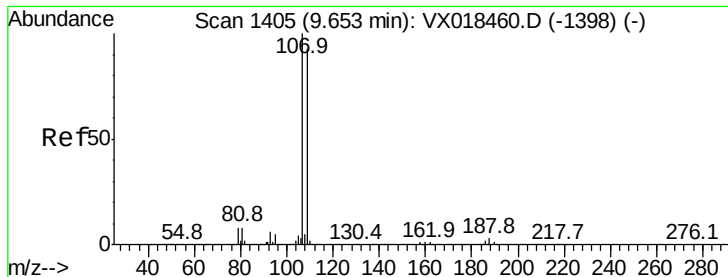
Tot Ion: 43 Resp: 467314
Ion Ratio Lower Upper
43 100
58 52.4 26.5 79.4



#60
Dibromochloromethane
Concen: 20.124 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion: 129 Resp: 115313
Ion Ratio Lower Upper
129 100
127 76.1 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.639 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

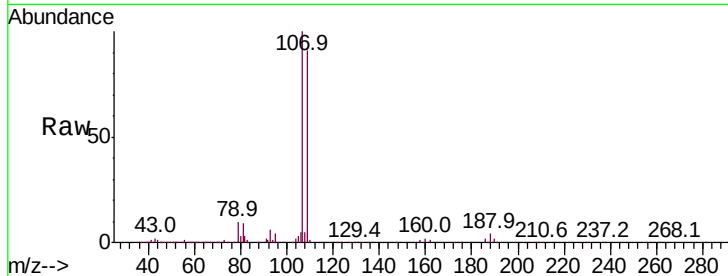
VX0923WBSD01

Tot Ion:107 Resp: 100412

Ion Ratio Lower Upper

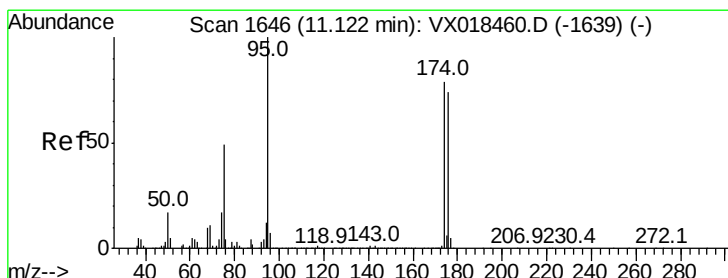
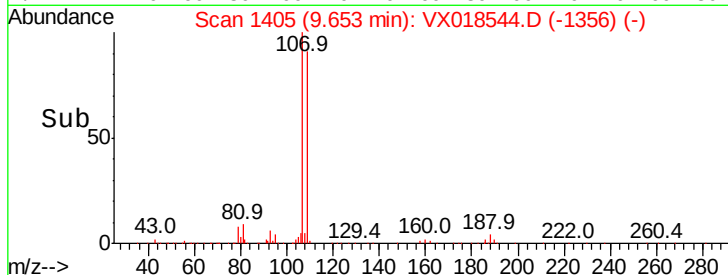
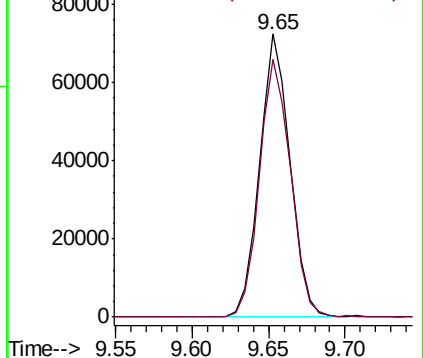
107 100

109 93.7 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.581 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

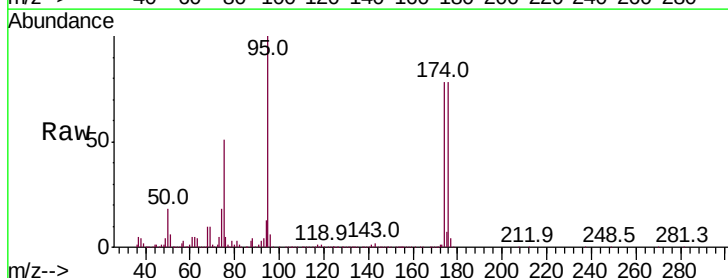
Tgt Ion: 95 Resp: 321137

Ion Ratio Lower Upper

95 100

174 79.4 0.0 161.4

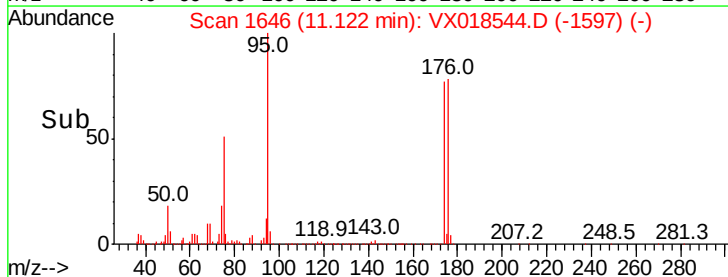
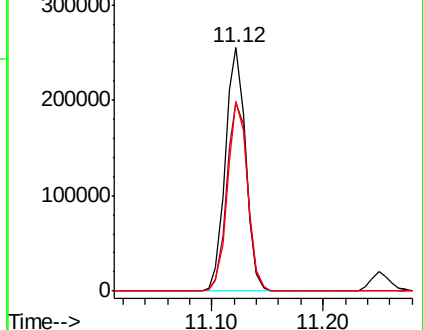
176 76.9 0.0 151.4

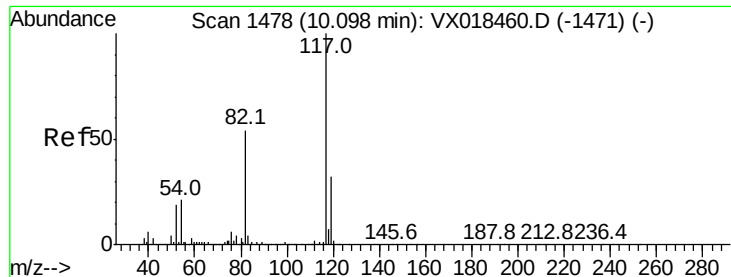


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

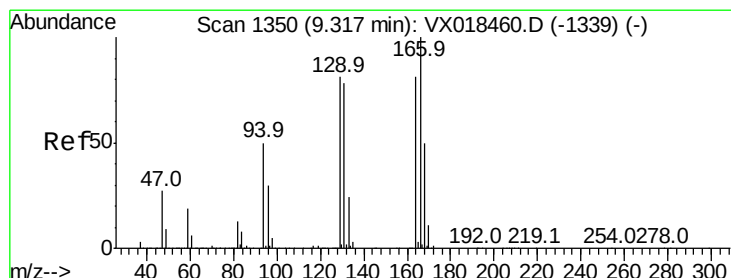
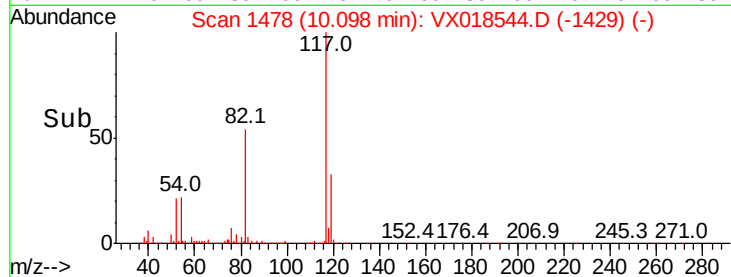
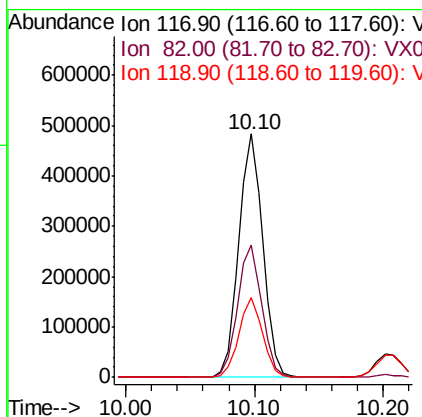
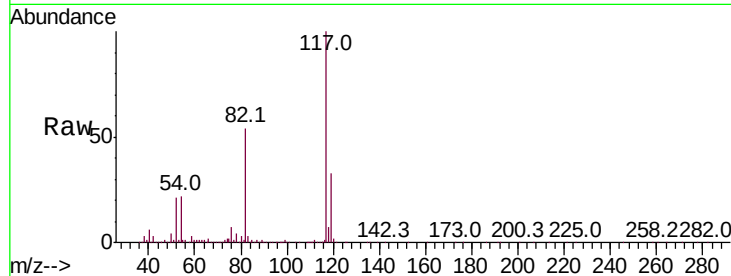




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

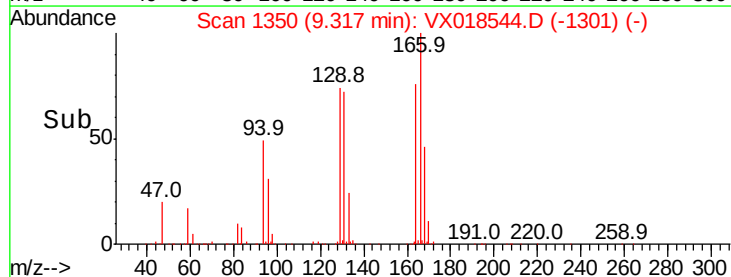
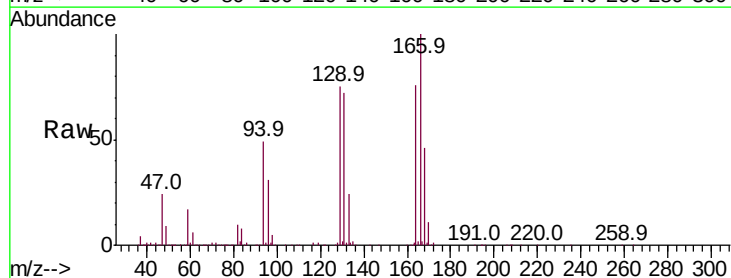
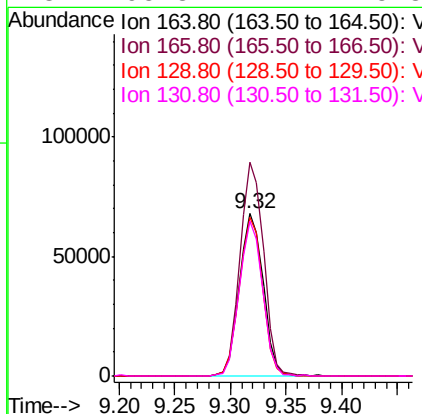
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

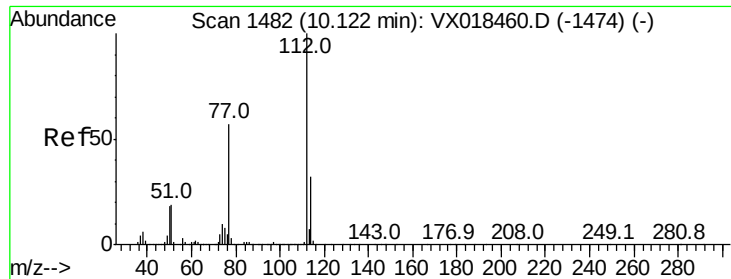
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.3	64.9
119	32.6	25.9	38.9



#64
Tetrachloroethene
Concen: 20.459 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.8	99.3	148.9
129	98.3	80.7	121.1
131	95.3	77.2	115.8

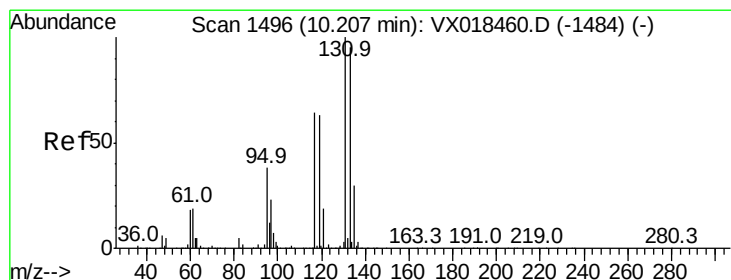
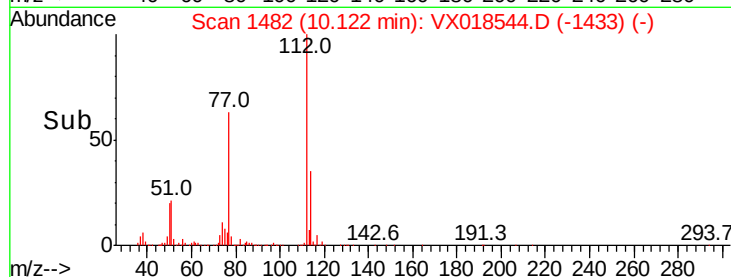
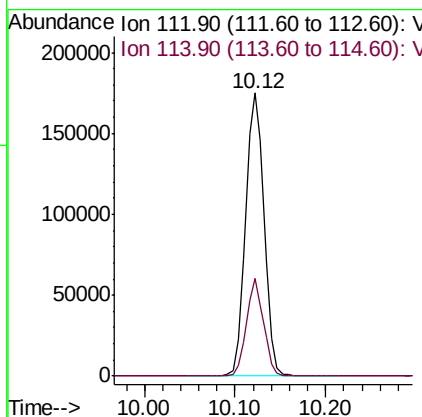
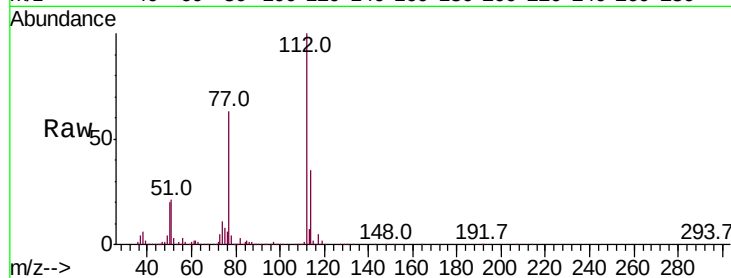




#65
Chlorobenzene
Concen: 19.084 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

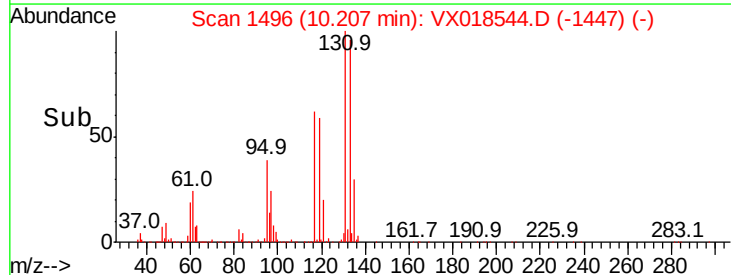
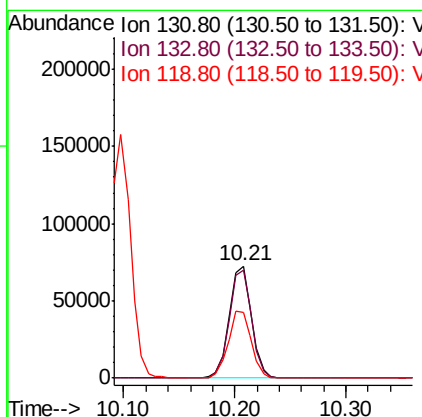
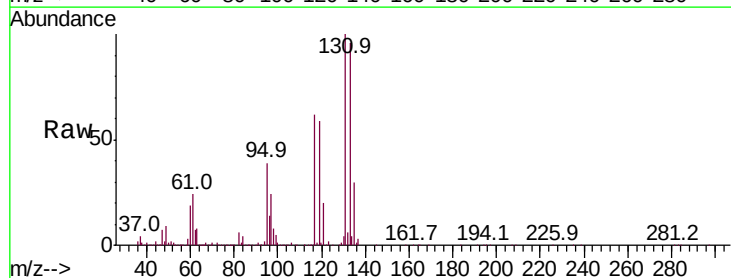
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

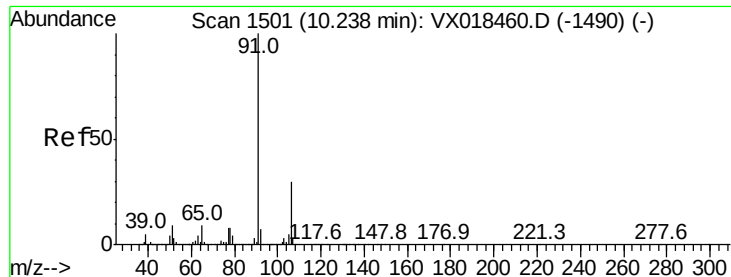
Tot Ion:112 Resp: 246306
Ion Ratio Lower Upper
112 100
114 34.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.326 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion:131 Resp: 100059
Ion Ratio Lower Upper
131 100
133 96.7 47.8 143.4
119 61.8 31.9 95.7





#67

Ethyl Benzene

Concen: 19.026 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

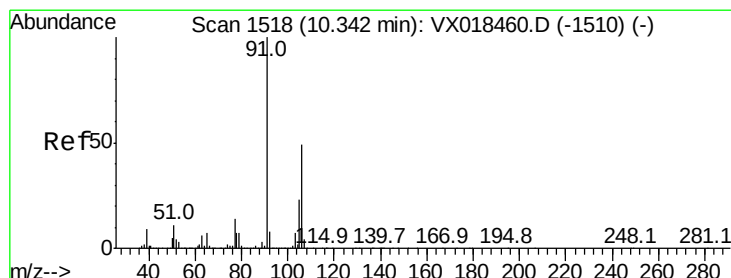
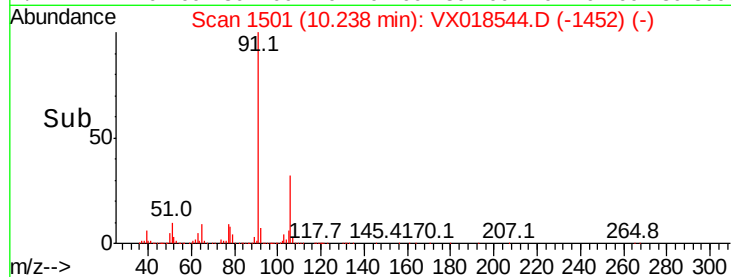
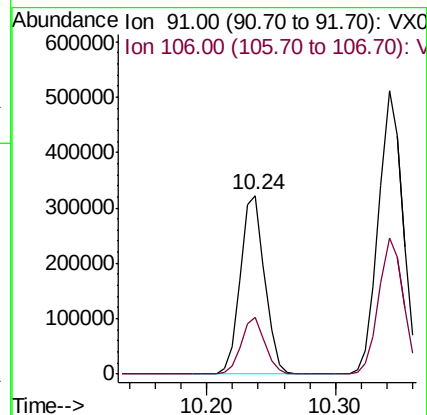
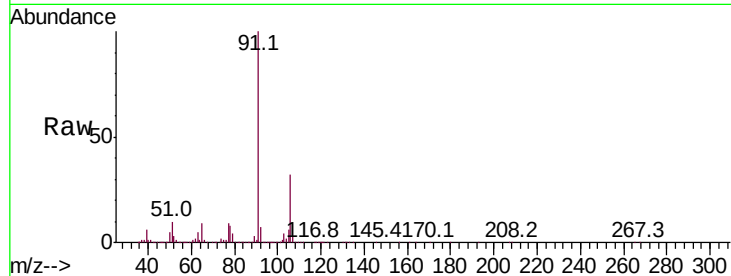
VX0923WBSD01

Tot Ion: 91 Resp: 425031

Ion Ratio Lower Upper

91 100

106 31.6 24.1 36.1



#68

m/p-Xylenes

Concen: 38.238 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018544.D

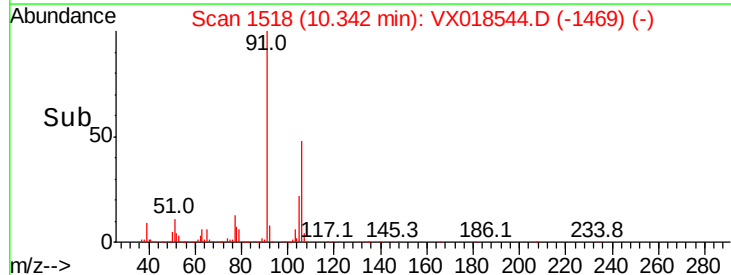
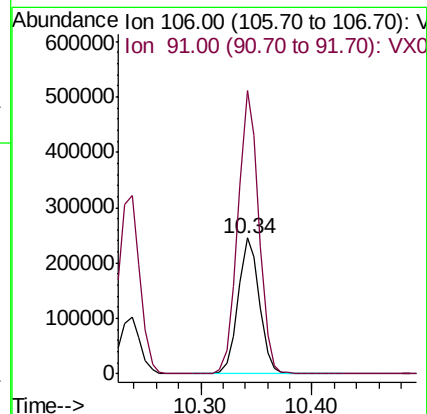
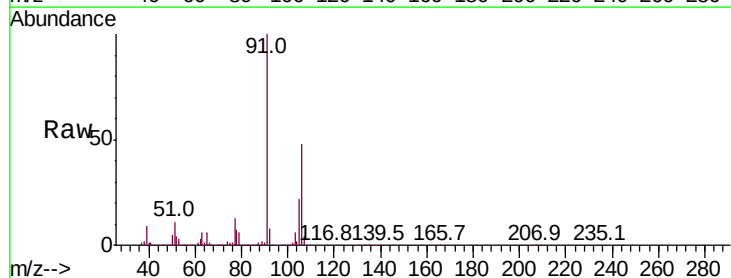
Acq: 23 Sep 2020 19:08

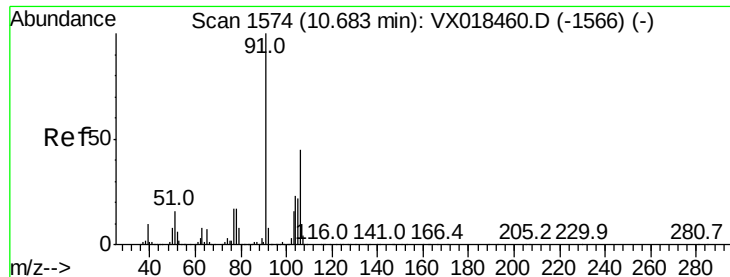
Tgt Ion: 106 Resp: 323132

Ion Ratio Lower Upper

106 100

91 205.3 163.8 245.6

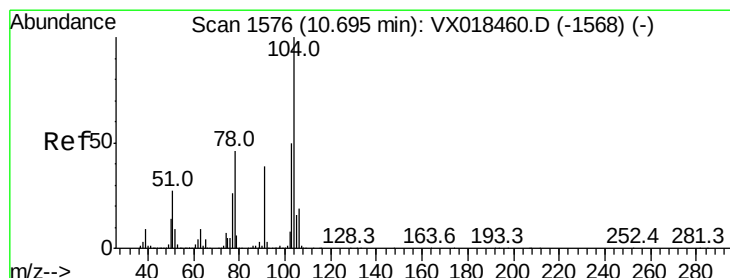
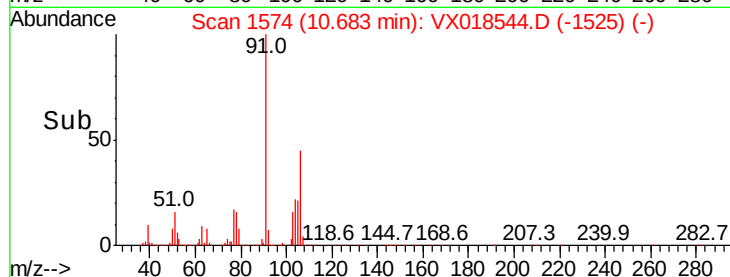
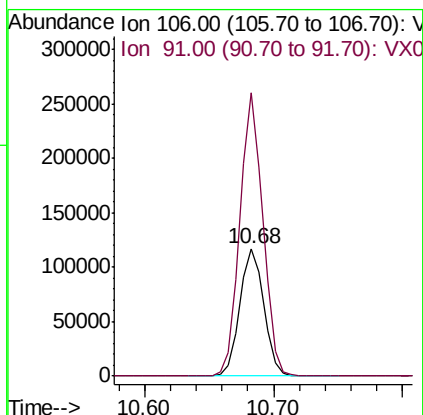
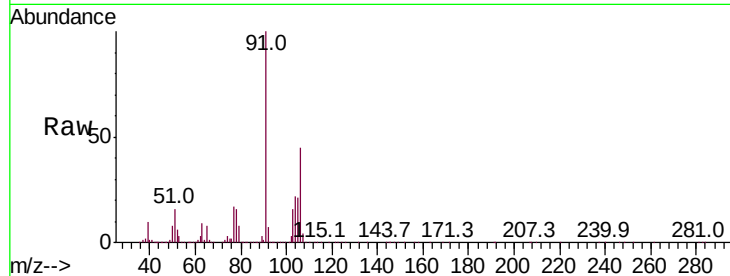




#69
o-Xylene
Concen: 18.987 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

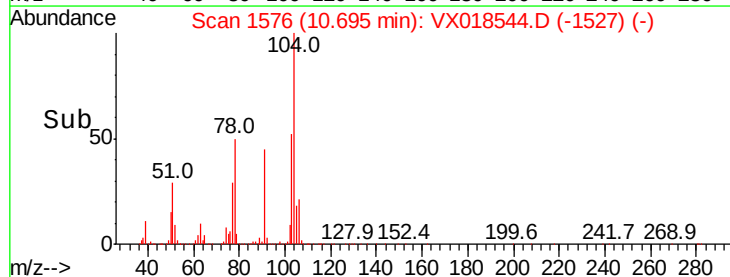
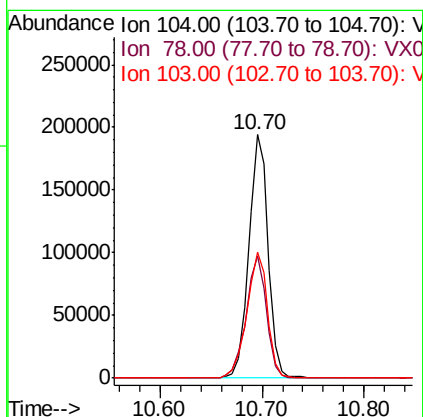
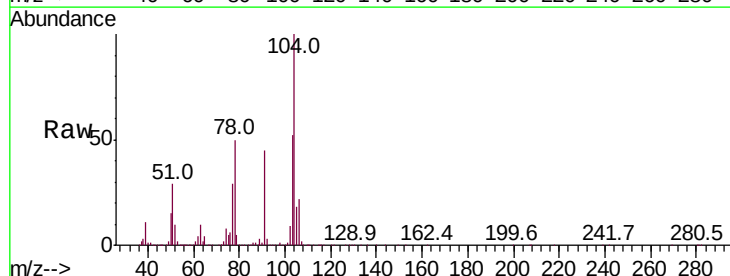
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

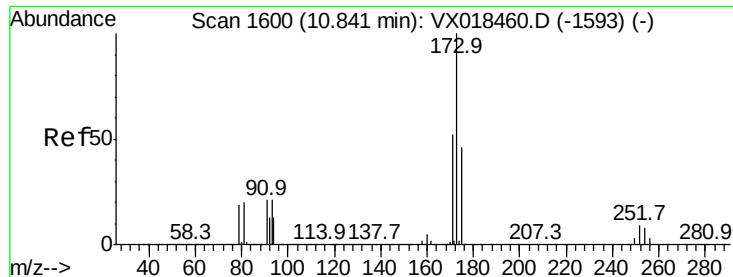
Tot Ion:106 Resp: 151938
Ion Ratio Lower Upper
106 100
91 212.4 109.7 329.0



#70
Styrene
Concen: 18.504 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion:104 Resp: 255678
Ion Ratio Lower Upper
104 100
78 53.4 40.5 60.7
103 55.3 43.2 64.8





#71

Bromoform

Concen: 18.437 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

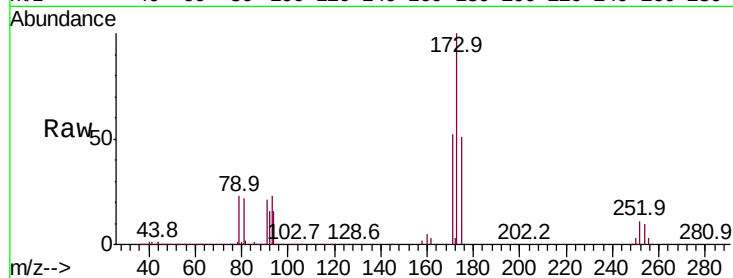
Tot Ion:173 Resp: 80148

Ion Ratio Lower Upper

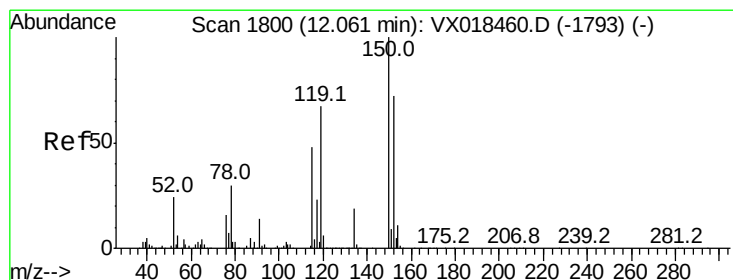
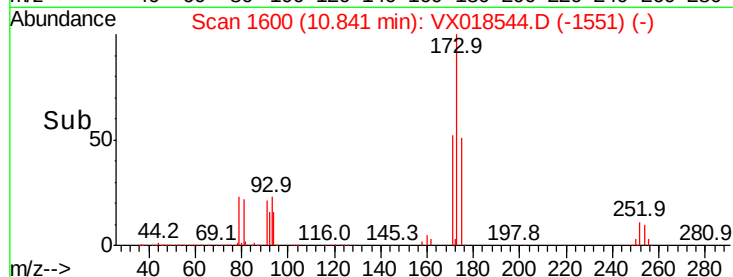
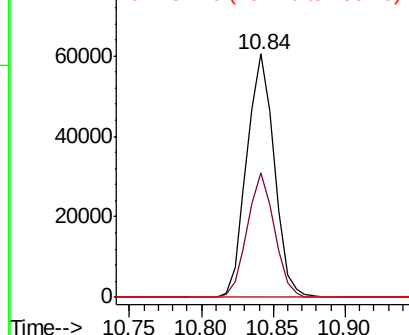
173 100

175 50.8 23.6 70.8

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

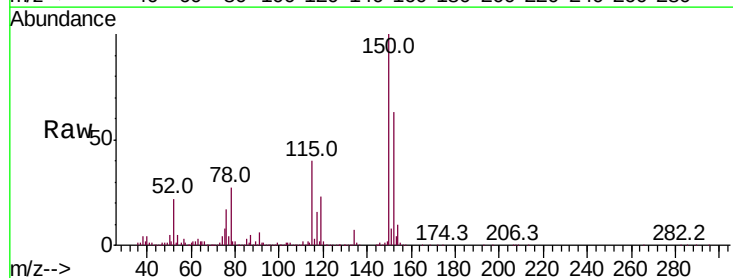
Tgt Ion:152 Resp: 327848

Ion Ratio Lower Upper

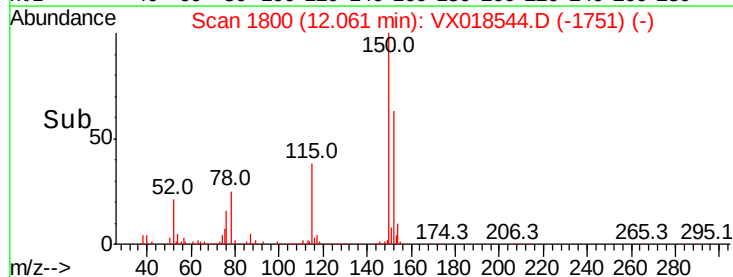
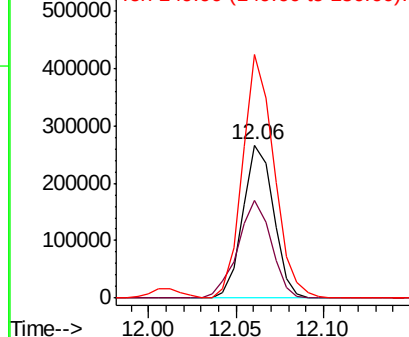
152 100

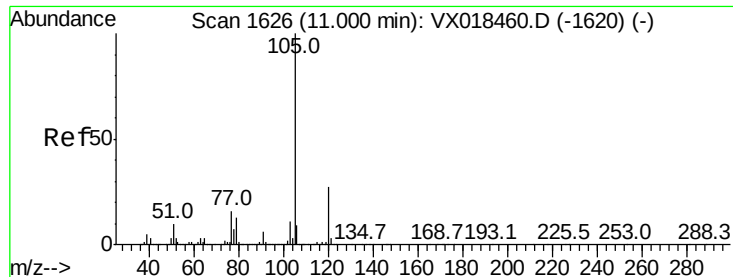
115 69.3 41.8 125.4

150 162.9 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: 19.314 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

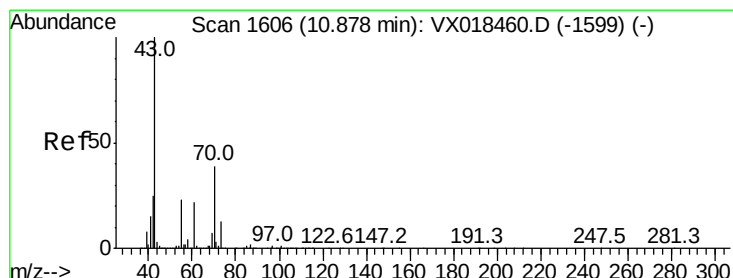
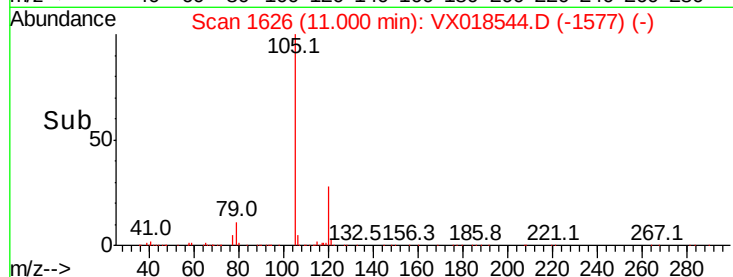
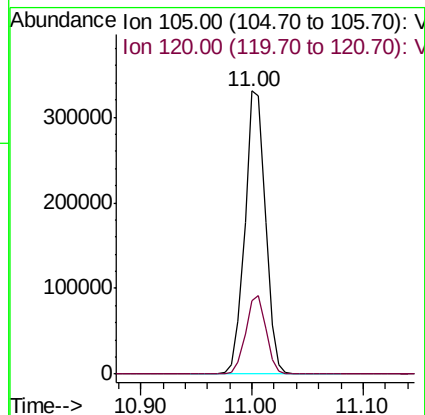
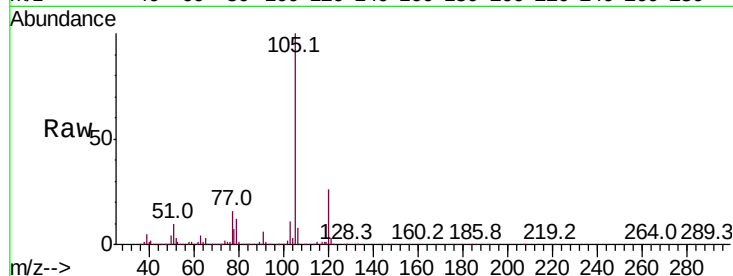
VX0923WBSD01

Tot Ion:105 Resp: 423017

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 16.677 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Tgt Ion: 43 Resp: 164440

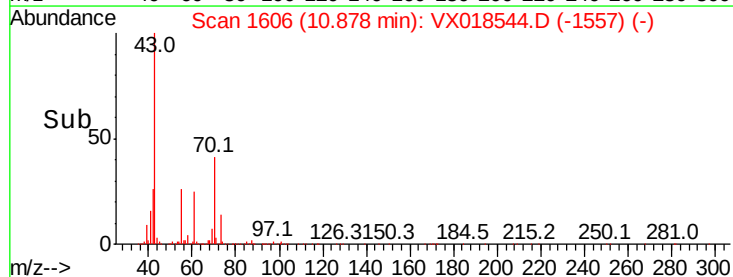
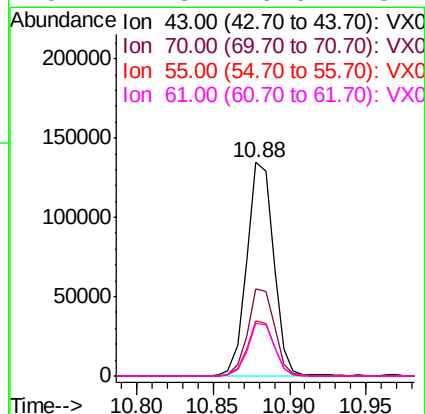
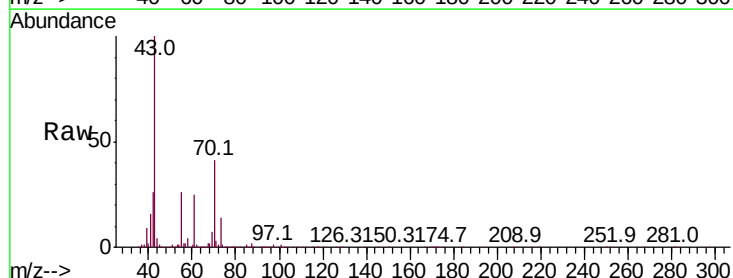
Ion Ratio Lower Upper

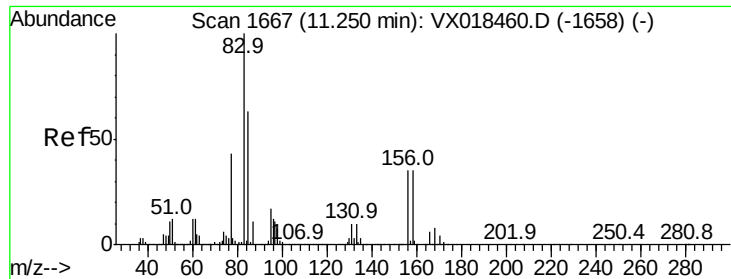
43 100

70 40.6 32.2 48.4

55 24.9 18.8 28.2

61 24.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.448 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampled :

VX0923WBSD01

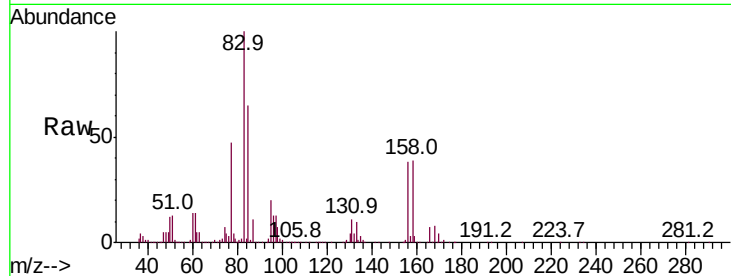
Tot Ion: 83 Resp: 133739

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.4

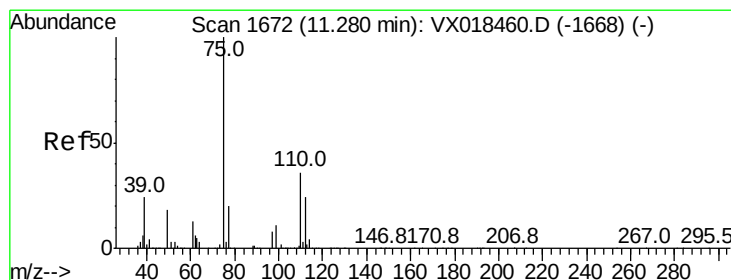
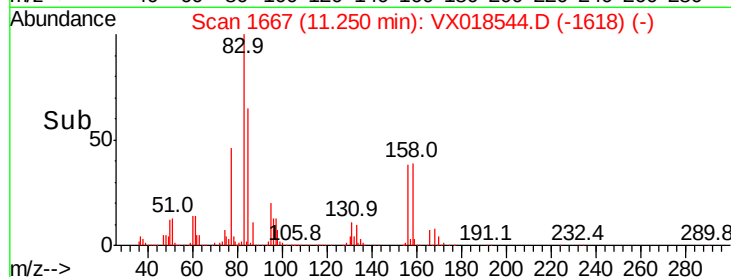
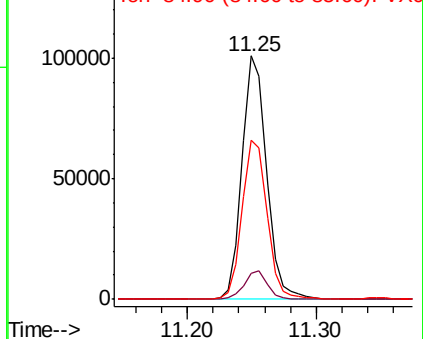
85 66.4 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.942 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018544.D

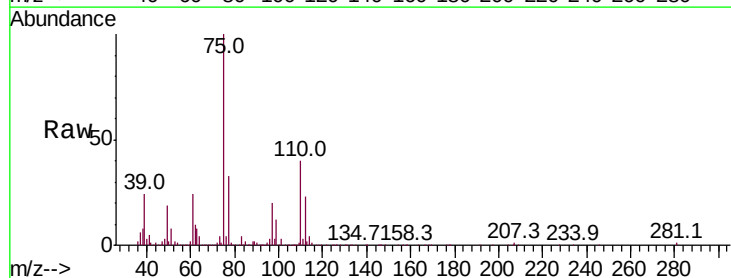
Acq: 23 Sep 2020 19:08

Tgt Ion: 75 Resp: 158057

Ion Ratio Lower Upper

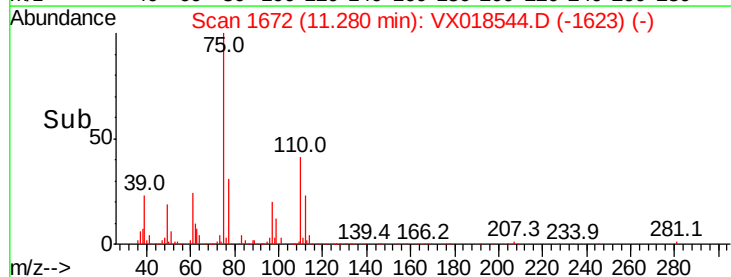
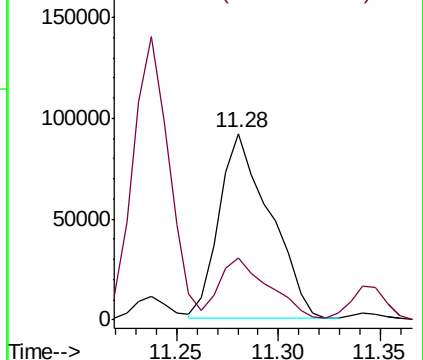
75 100

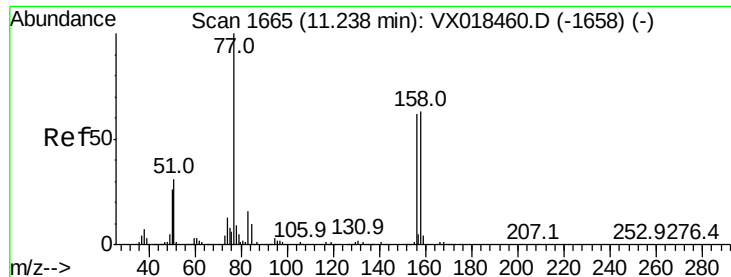
77 32.7 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

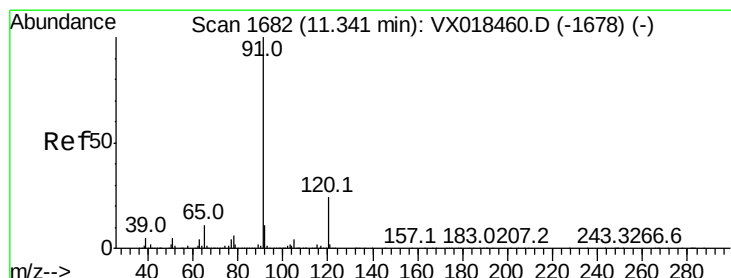
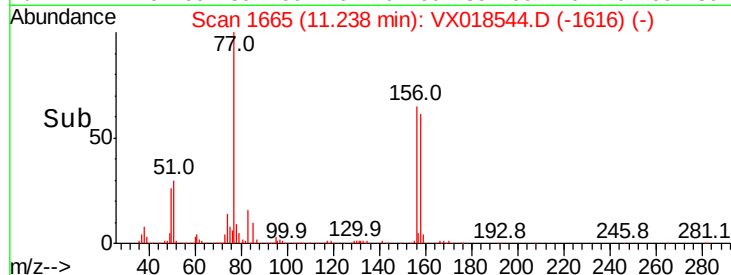
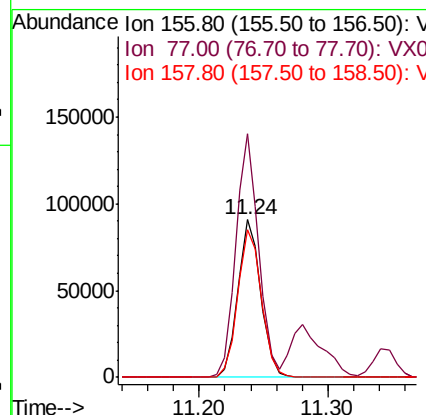
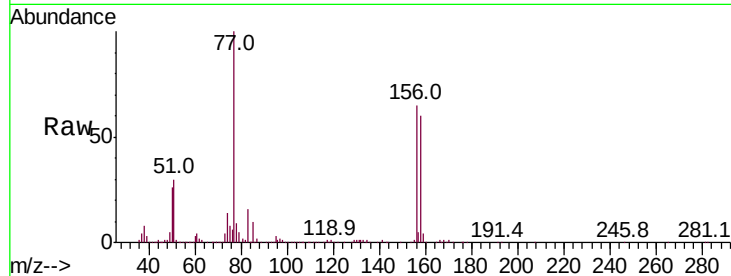




#77
Bromobenzene
Concen: 18.641 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

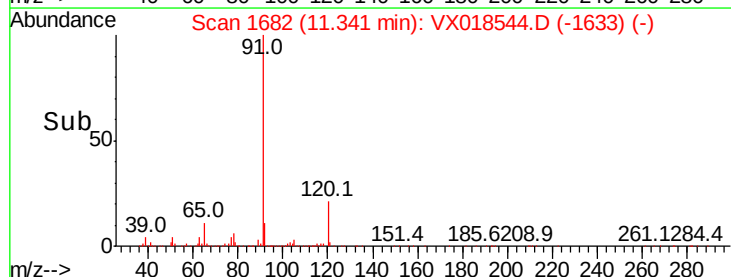
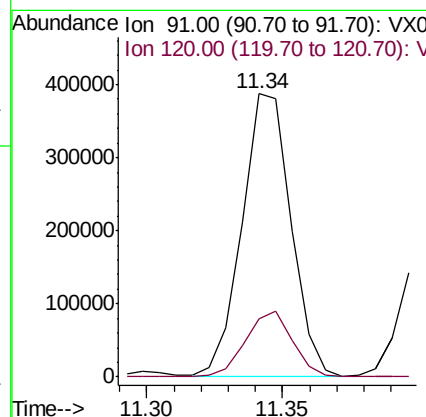
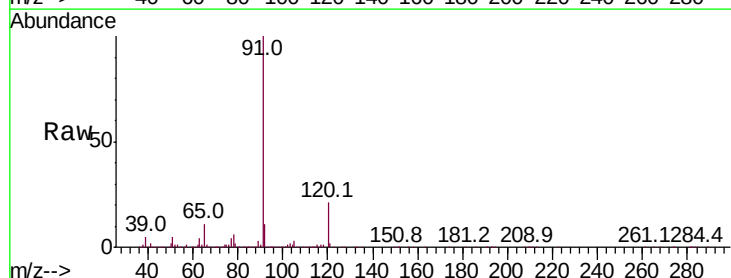
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

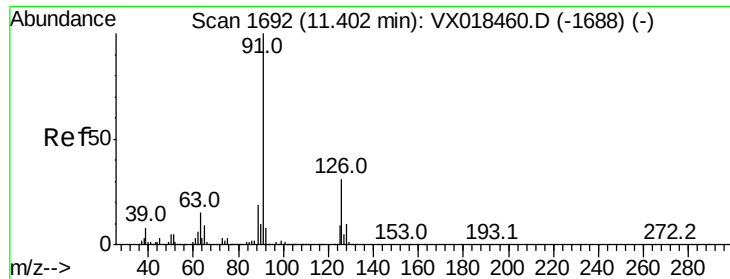
Tot Ion:156 Resp: 112647
Ion Ratio Lower Upper
156 100
77 153.5 78.8 236.5
158 97.7 48.4 145.3



#78
n-propylbenzene
Concen: 18.759 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion: 91 Resp: 480903
Ion Ratio Lower Upper
91 100
120 22.6 11.8 35.3

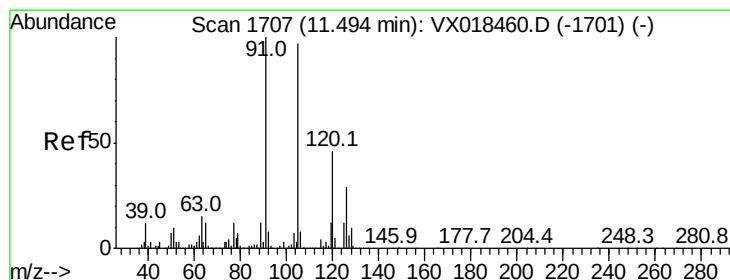
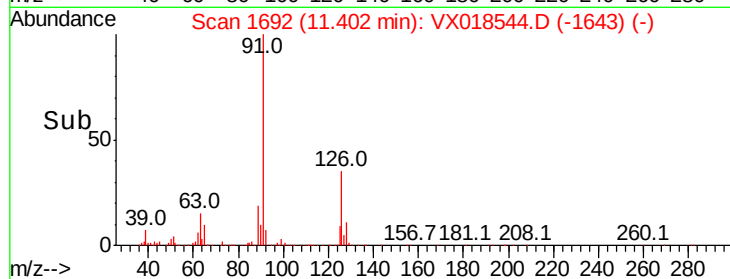
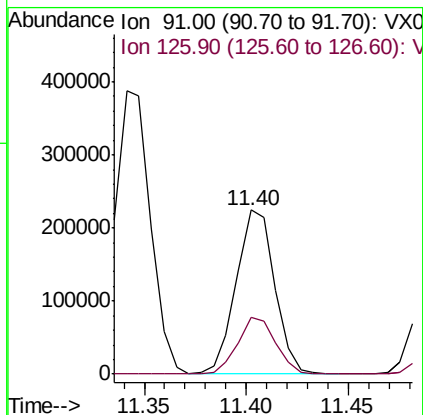
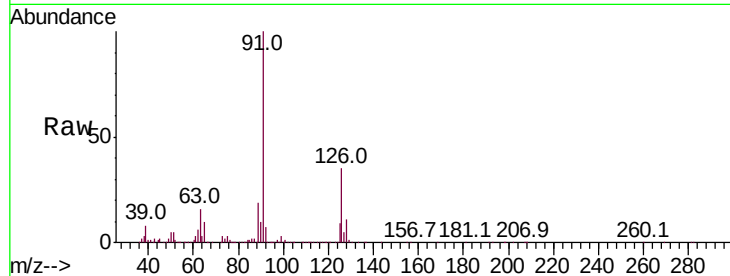




#79
 2-Chlorotoluene
 Concen: 18.734 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

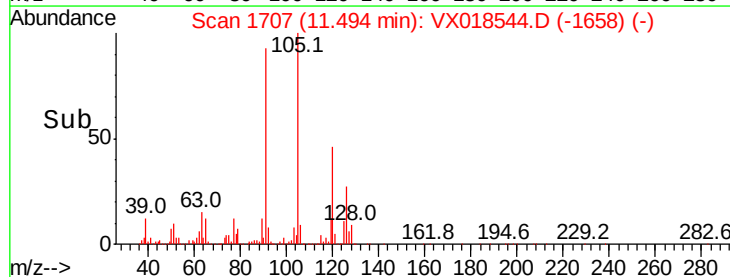
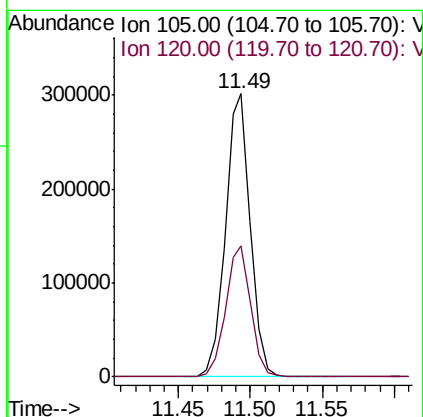
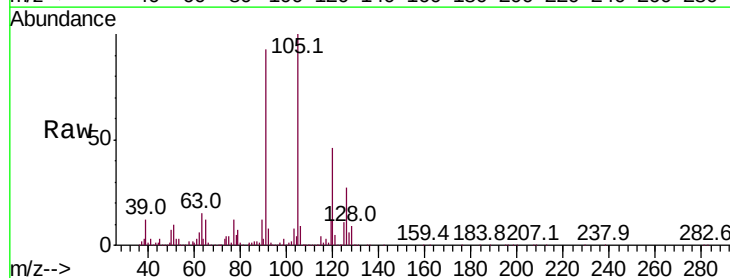
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

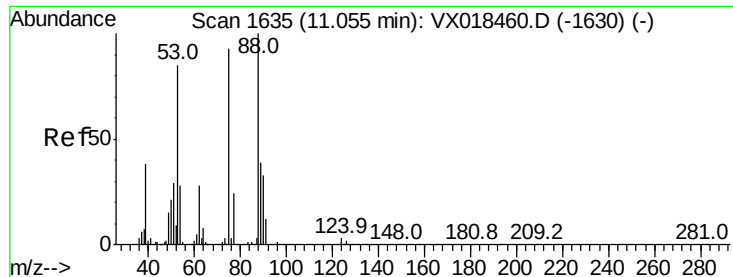
Tot Ion: 91 Resp: 290704
 Ion Ratio Lower Upper
 91 100
 126 34.8 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.437 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Tgt Ion: 105 Resp: 364067
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.6 71.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.653 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampled :

VX0923WBSD01

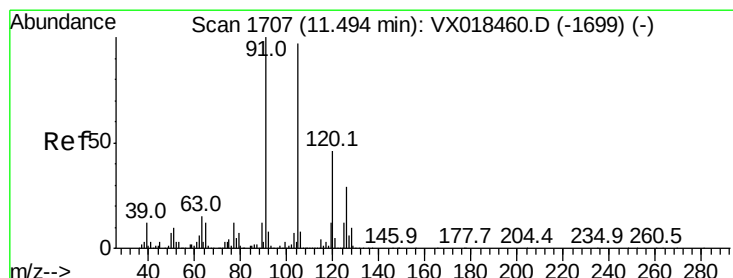
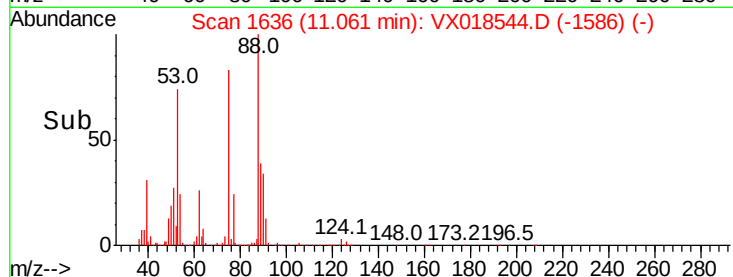
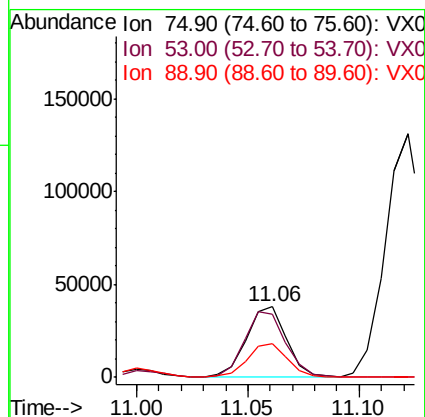
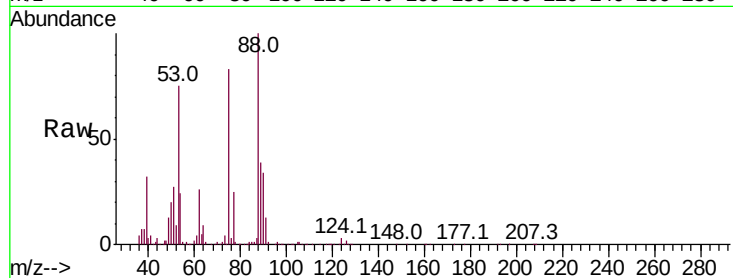
Tot Ion: 75 Resp: 47461

Ion Ratio Lower Upper

75 100

53 96.5 74.6 111.8

89 48.6 36.2 54.4



#82

4-Chlorotoluene

Concen: 18.879 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018544.D

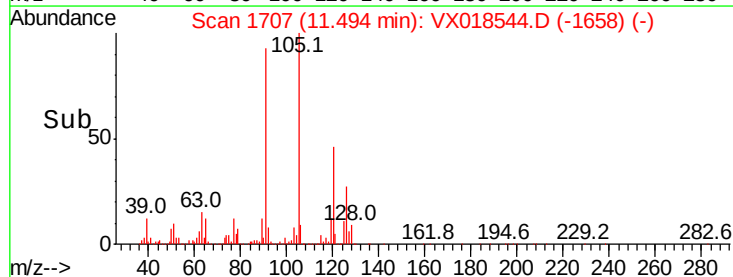
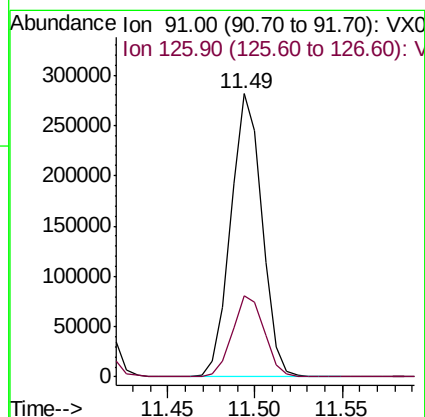
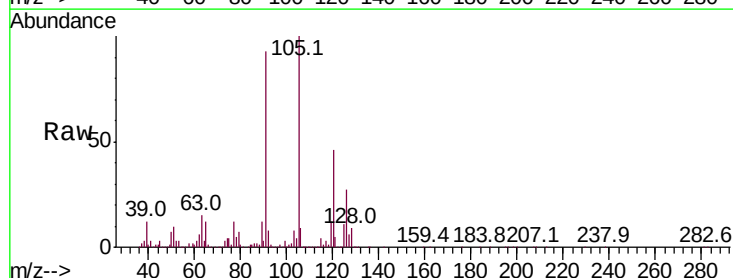
Acq: 23 Sep 2020 19:08

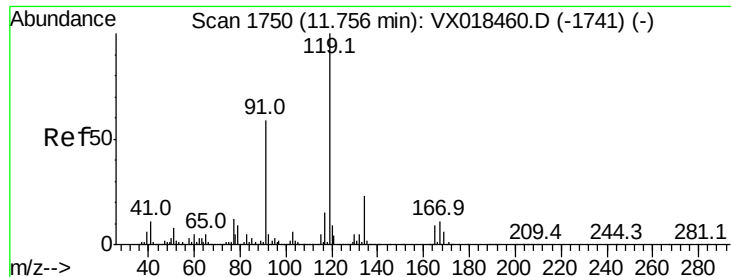
Tgt Ion: 91 Resp: 348251

Ion Ratio Lower Upper

91 100

126 29.4 15.0 45.0





#83

tert-Butylbenzene

Concen: 18.527 ug/l

RT: 11.76 min Scan# 1750

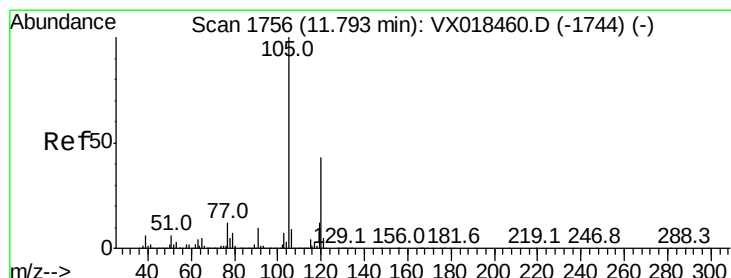
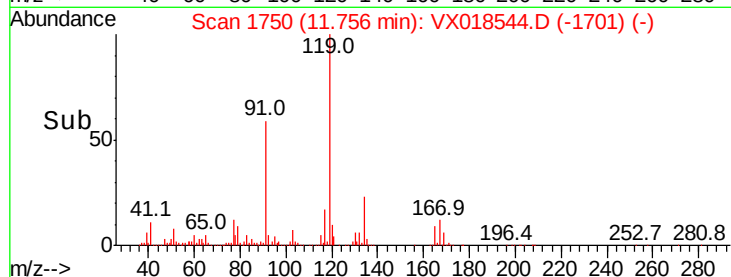
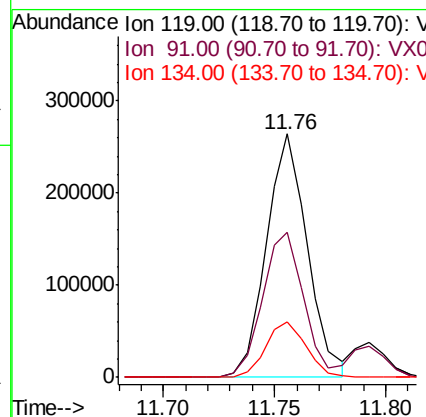
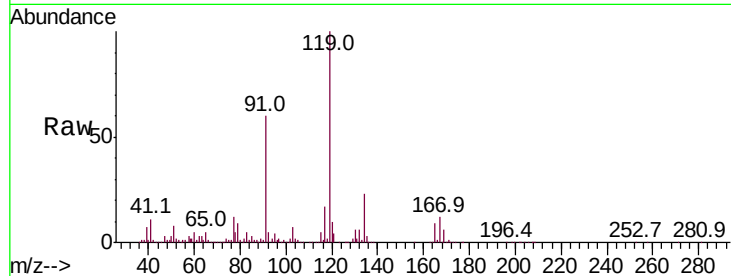
Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.1	28.9	86.7
134	22.6	11.3	33.8



#84

1,2,4-Trimethylbenzene

Concen: 19.459 ug/l

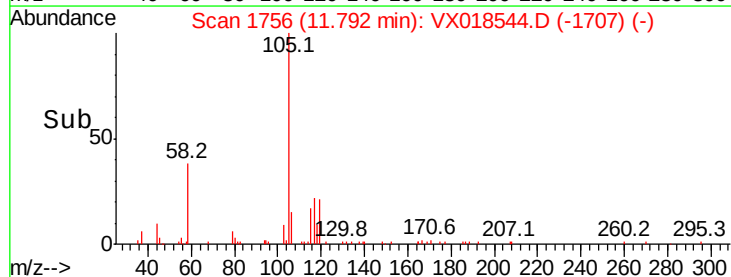
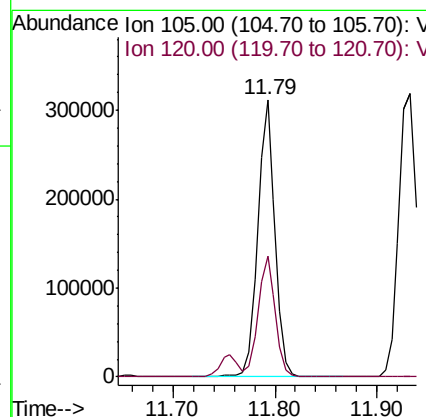
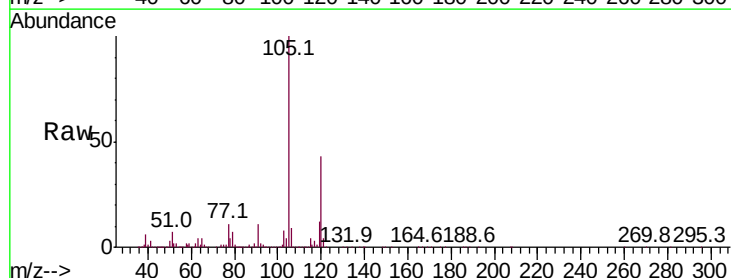
RT: 11.79 min Scan# 1756

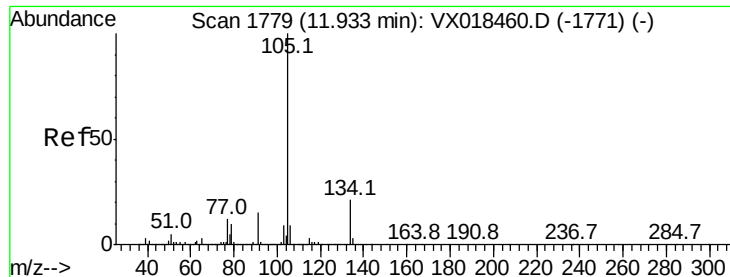
Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.6	65.0

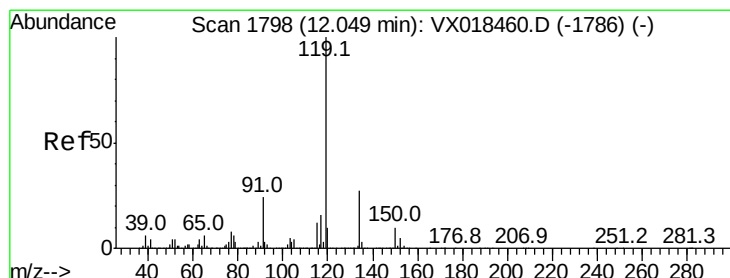
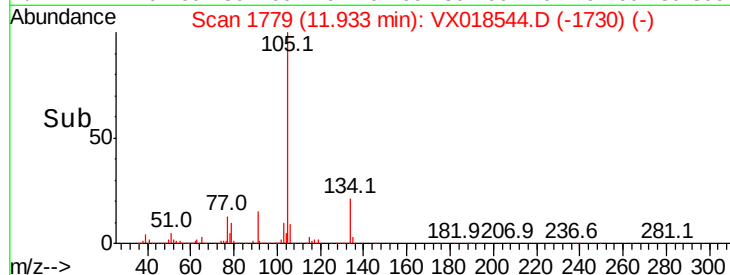
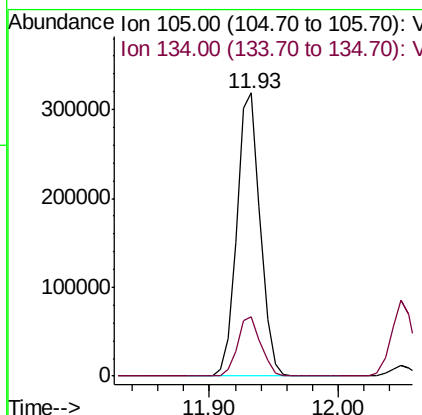
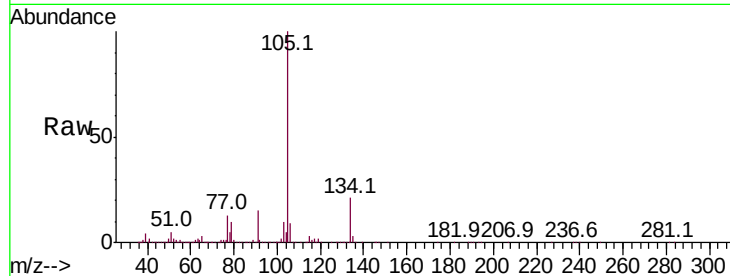




#85
 sec-Butylbenzene
 Concen: 18.658 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

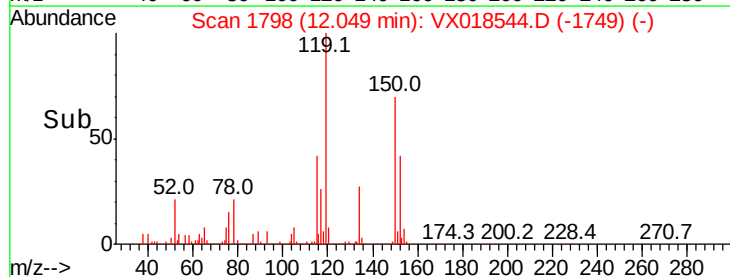
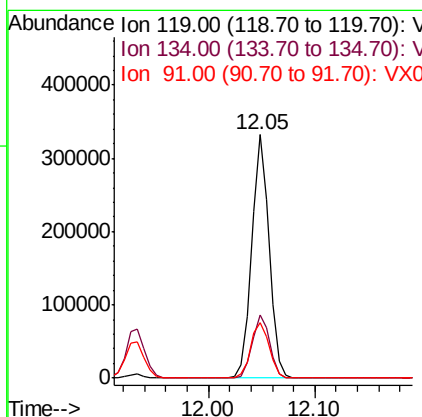
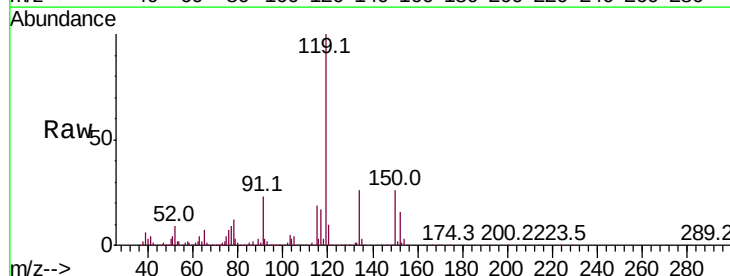
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

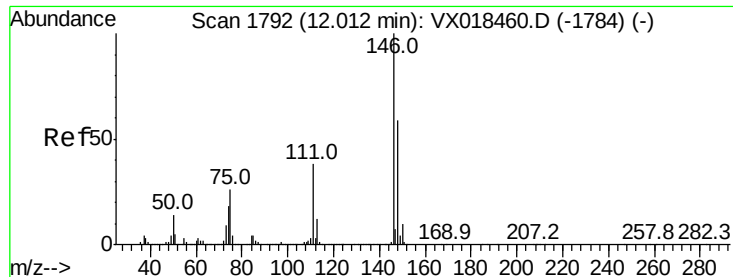
Tot Ion:105 Resp: 400358
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.316 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Tgt Ion:119 Resp: 380919
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.9
 91 24.7 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 18.173 ug/l

RT: 12.01 min Scan# 1792

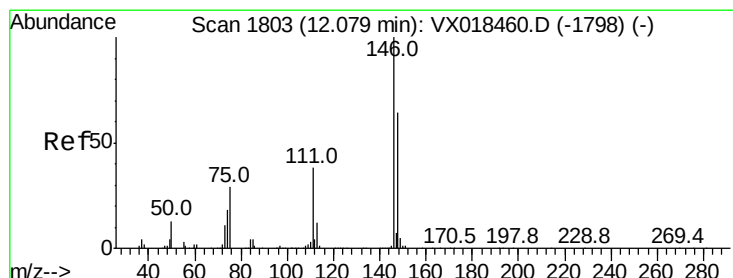
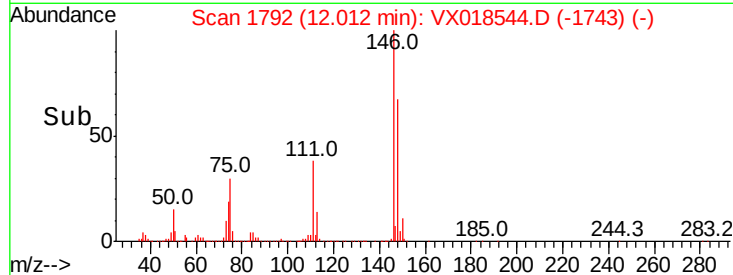
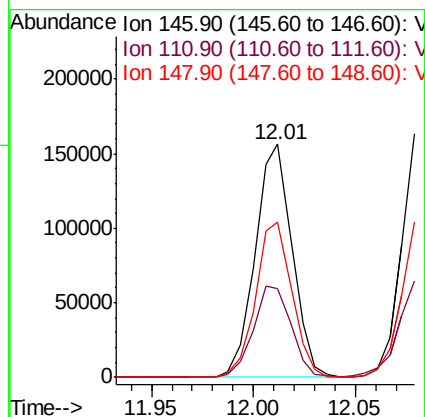
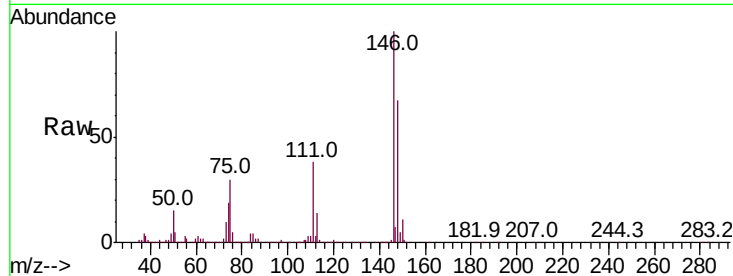
Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.4	61.2
148	65.4	31.1	93.2



#88

1,4-Dichlorobenzene

Concen: 18.703 ug/l

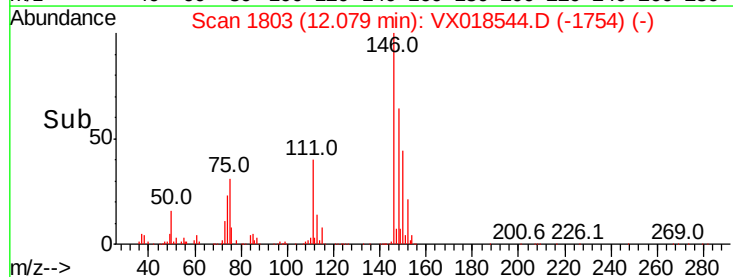
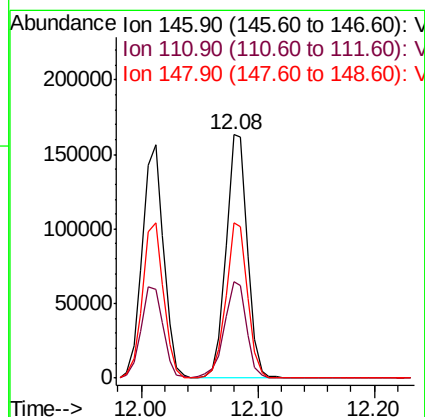
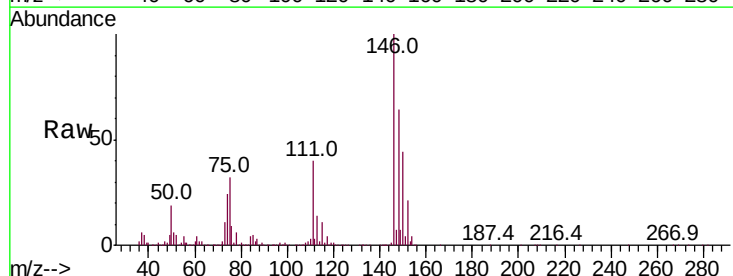
RT: 12.08 min Scan# 1803

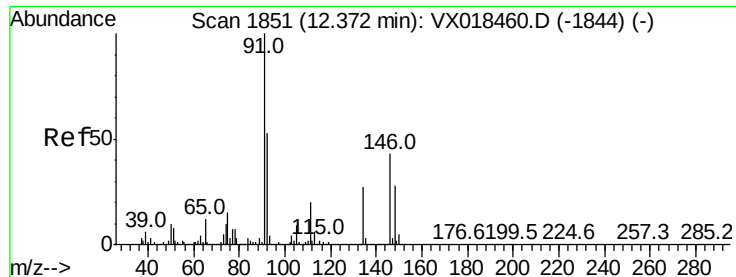
Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.4	58.4
148	64.2	31.8	95.4

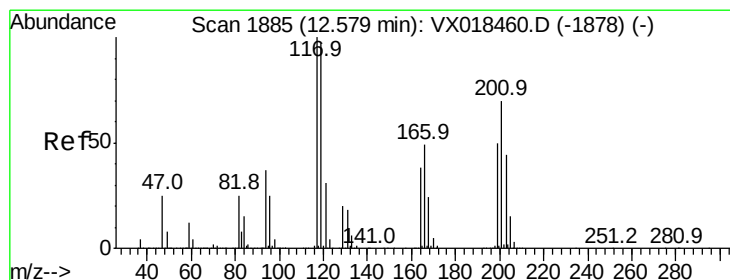
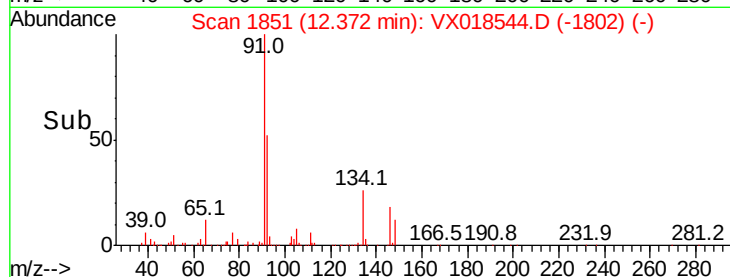
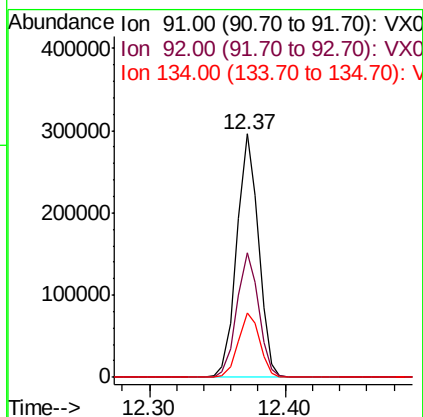
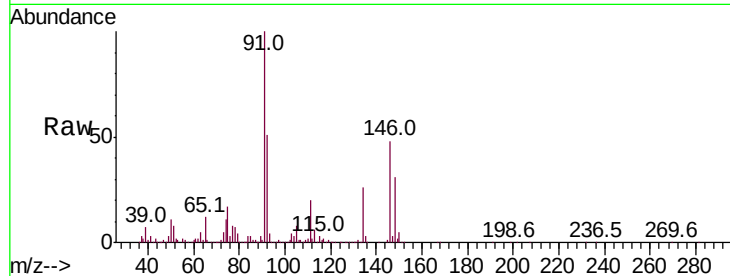




#89
n-Butylbenzene
Concen: 17.974 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

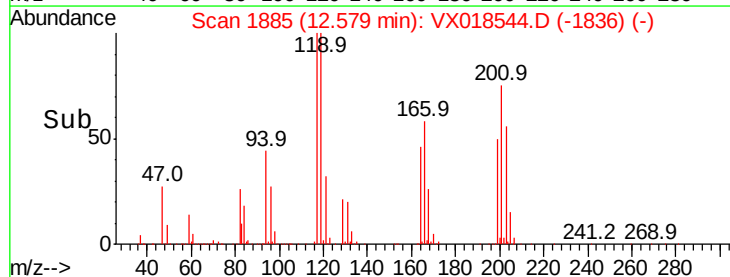
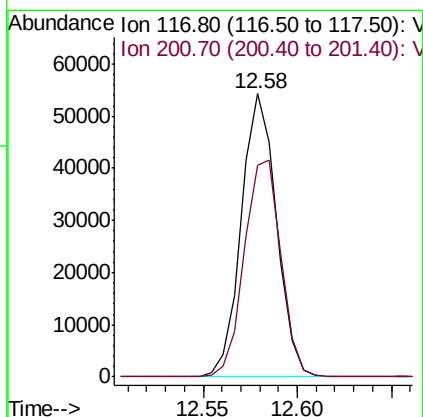
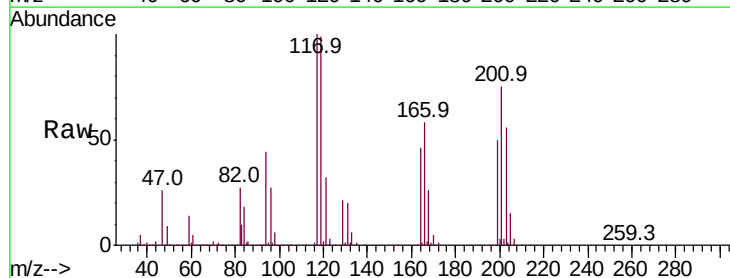
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBSD01

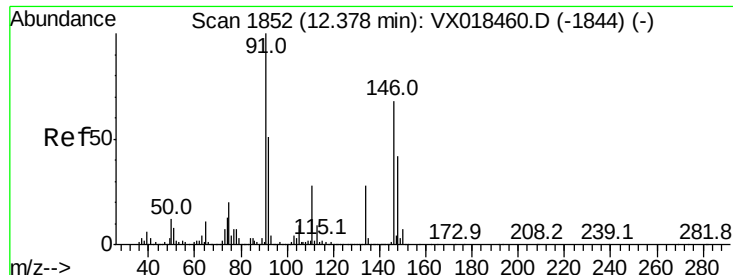
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.1	78.2
134	26.5	13.3	39.8



#90
Hexachloroethane
Concen: 17.836 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018544.D
Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.2	36.2	108.6





#91

1,2-Dichlorobenzene

Concen: 19.609 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

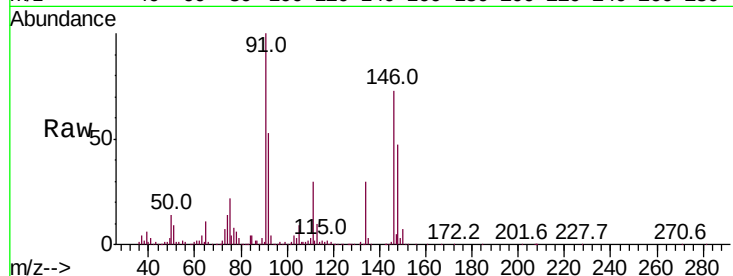
Tot Ion:146 Resp: 199418

Ion Ratio Lower Upper

146 100

111 40.3 21.5 64.5

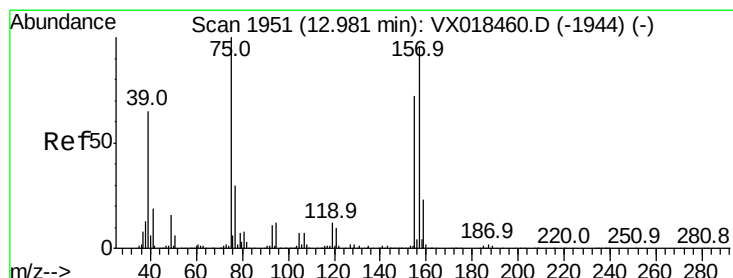
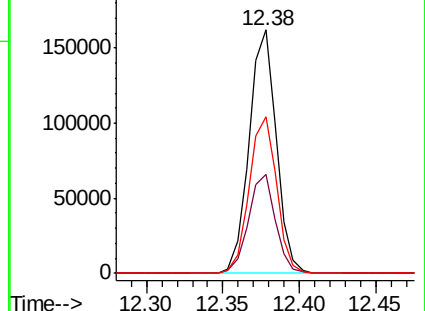
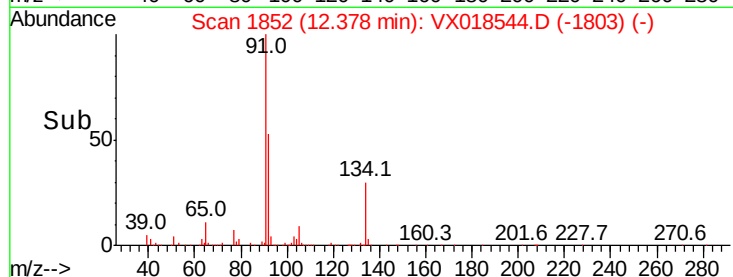
148 65.2 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.593 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

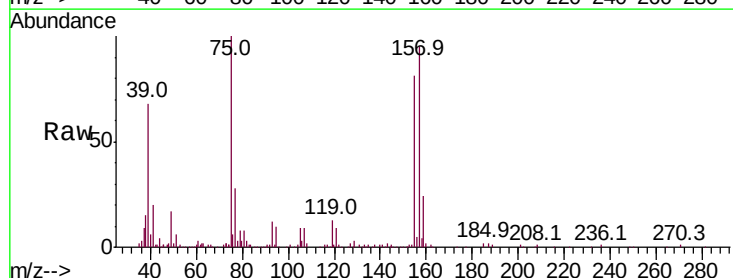
Tgt Ion: 75 Resp: 32721

Ion Ratio Lower Upper

75 100

155 82.0 38.8 116.4

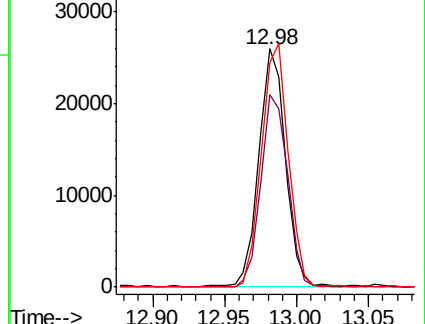
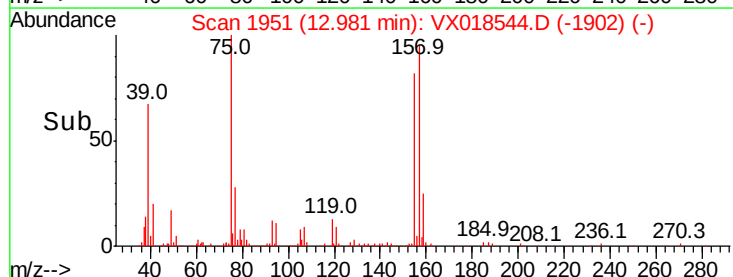
157 104.1 51.1 153.3

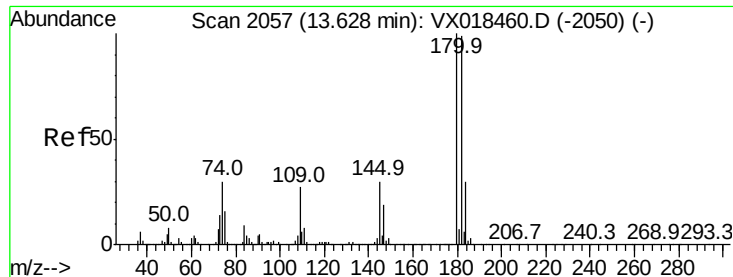


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

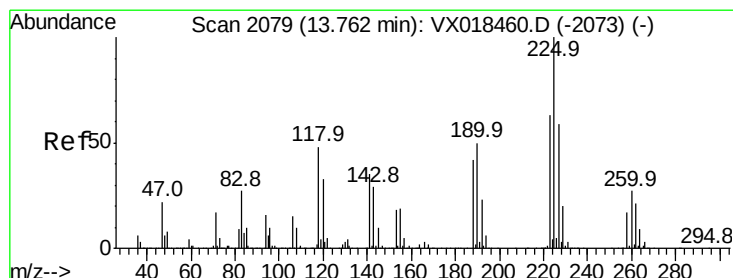
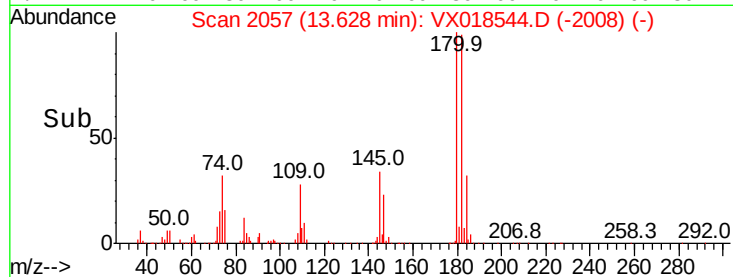
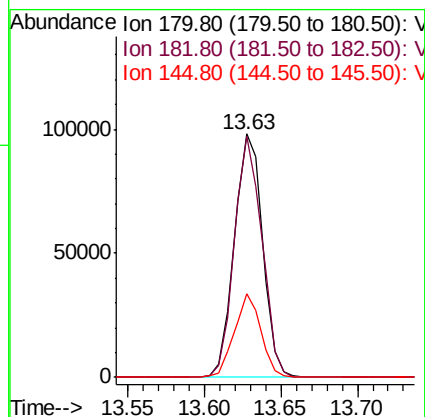
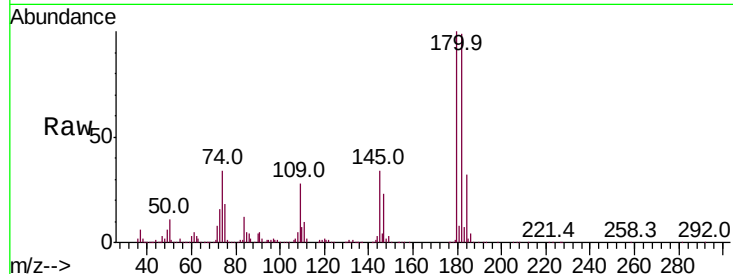




#93
 1,2,4-Trichlorobenzene
 Concen: 17.758 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

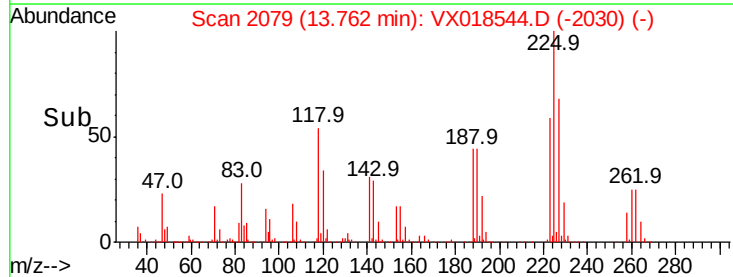
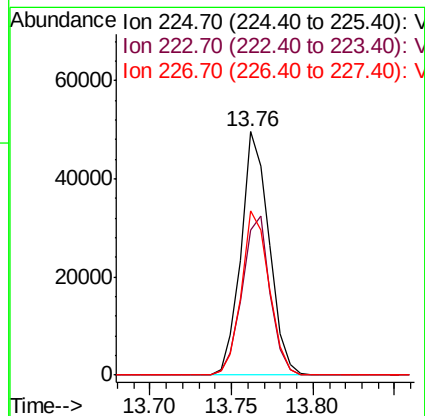
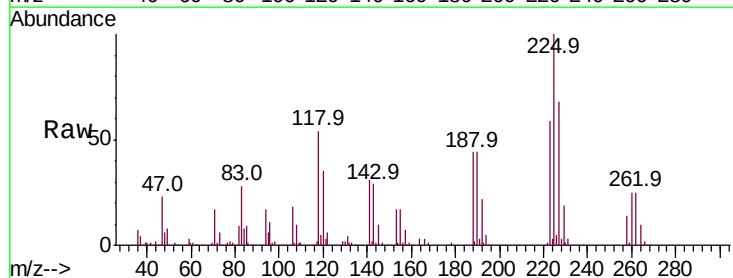
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD01

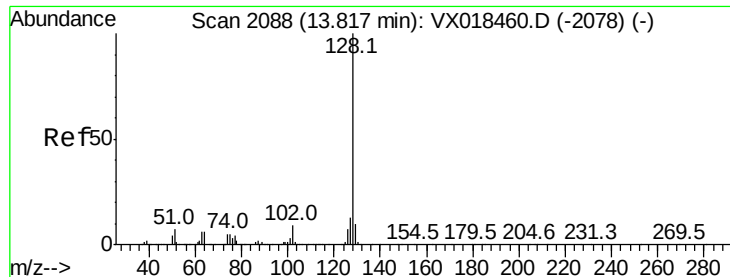
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	50.2	150.6
145	32.3	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 20.007 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX018544.D
 Acq: 23 Sep 2020 19:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	32.0	96.2
227	66.7	31.7	95.1





#95

Naphthalene

Concen: 18.089 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBSD01

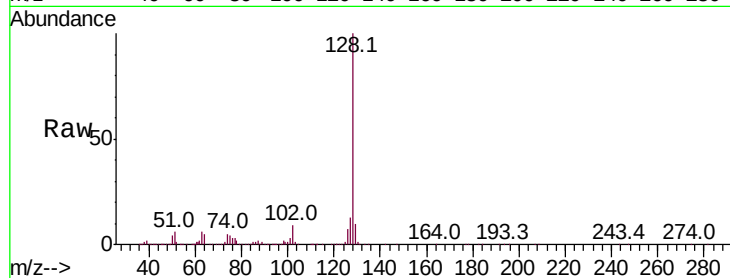
Tot Ion:128 Resp: 386656

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

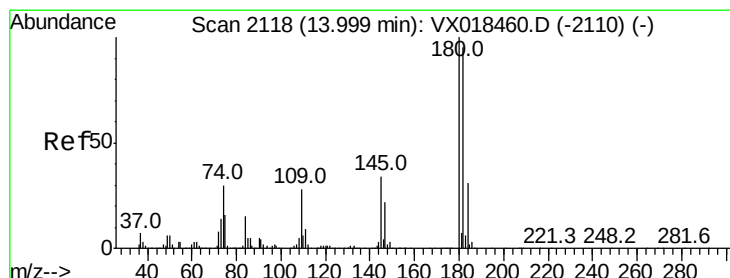
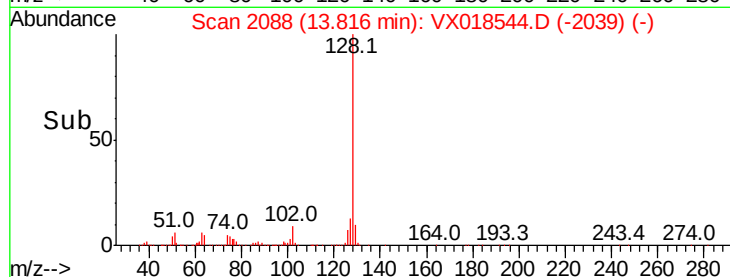
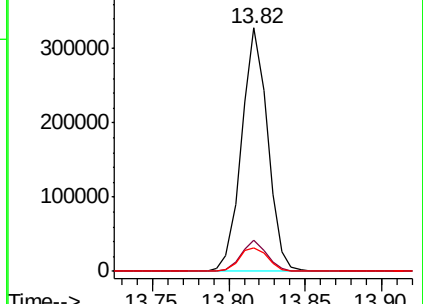
129 10.6 8.7 13.1



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: 18.993 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018544.D

Acq: 23 Sep 2020 19:08

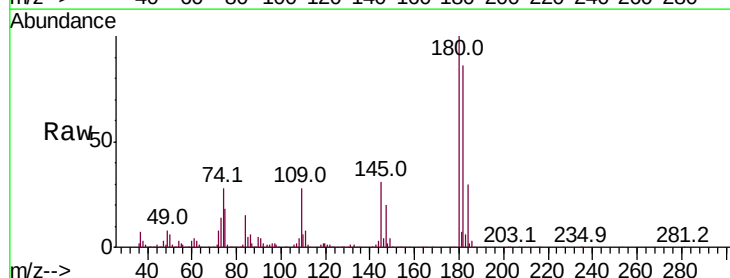
Tgt Ion:180 Resp: 128469

Ion Ratio Lower Upper

180 100

182 95.3 47.1 141.3

145 31.9 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

