

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092420\
 Data File : VX018584.D
 Acq On : 24 Sep 2020 19:38
 Operator : JC/SP
 Sample : L4118-20MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MSD

Quant Time: Sep 25 01:10:32 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	5.63	168	401430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	621533	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	598524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	324622	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	277915	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
35) Dibromofluoromethane	5.47	113	215708	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
50) Toluene-d8	8.70	98	758261	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	11.12	95	296645	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	194376	51.072	ug/l	95
3) Chloromethane	1.31	50	215387	48.340	ug/l	97
4) Vinyl Chloride	1.39	62	225390	47.782	ug/l	98
5) Bromomethane	1.64	94	156674	54.116	ug/l	100
6) Chloroethane	1.71	64	130662	48.399	ug/l	100
7) Trichlorofluoromethane	1.92	101	391422	54.622	ug/l	96
8) Diethyl Ether	2.17	74	121429	48.297	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	215830	55.957	ug/l	98
10) Methyl Iodide	2.50	142	244539	51.118	ug/l	95
11) Tert butyl alcohol	3.06	59	212418	214.977	ug/l	100
12) 1,1-Dichloroethene	2.36	96	204158	52.515	ug/l	90
13) Acrolein	2.28	56	187063	298.990	ug/l	99
14) Allyl chloride	2.71	41	340659	45.219	ug/l	96
15) Acrylonitrile	3.12	53	566609	240.330	ug/l	100
16) Acetone	2.43	43	502480	231.365	ug/l	98
17) Carbon Disulfide	2.55	76	550055	47.377	ug/l	99
18) Methyl Acetate	2.75	43	243419	45.237	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	703741	51.568	ug/l	97
20) Methylene Chloride	2.84	84	225742	47.110	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	215817	47.767	ug/l	100
22) Diisopropyl ether	3.82	45	704300	49.736	ug/l	99
23) Vinyl Acetate	3.79	43	2909314	231.854	ug/l	100
24) 1,1-Dichloroethane	3.67	63	402858	49.330	ug/l	99
25) 2-Butanone	4.64	43	778628	230.222	ug/l	99
26) 2,2-Dichloropropane	4.55	77	310398	41.136	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	248651	49.101	ug/l	99
28) Bromochloromethane	4.98	49	177205	46.370	ug/l	96
29) Tetrahydrofuran	5.10	42	498005	233.621	ug/l	98
30) Chloroform	5.18	83	442001	53.343	ug/l	99
31) Cyclohexane	5.55	56	323319	47.046	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	399015	51.330	ug/l	98
36) 1,1-Dichloropropene	5.77	75	303052	50.235	ug/l	99
37) Ethyl Acetate	4.79	43	296185	45.977	ug/l	100
38) Carbon Tetrachloride	5.76	117	378242	56.613	ug/l	93

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 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	7.45	83	328392	48.453	ug/l	99
40) Benzene	6.12	78	878005	50.785	ug/l	99
41) Methacrylonitrile	5.01	41	171647	47.952	ug/l	99
42) 1,2-Dichloroethane	6.17	62	362197	53.851	ug/l	99
43) Isopropyl Acetate	6.42	43	504058	47.152	ug/l	99
44) Trichloroethene	7.19	130	1714443	342.558	ug/l	95
45) 1,2-Dichloropropane	7.49	63	236691	49.879	ug/l	99
46) Dibromomethane	7.64	93	169780	52.077	ug/l	100
47) Bromodichloromethane	7.88	83	349931	53.259	ug/l	98
48) Methyl methacrylate	7.74	41	259217	49.818	ug/l	97
49) 1,4-Dioxane	7.76	88	73807	858.470	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1587689	249.440	ug/l	99
52) Toluene	8.77	92	565497	51.979	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	373744	50.061	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	372762	48.466	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	240169	53.201	ug/l	97
56) Ethyl methacrylate	9.16	69	344899	51.526	ug/l	98
57) 1,3-Dichloropropane	9.35	76	387818	51.132	ug/l	100
59) 2-Hexanone	9.48	43	1206119	249.132	ug/l	100
60) Dibromochloromethane	9.57	129	294460	54.703	ug/l	100
61) 1,2-Dibromoethane	9.65	107	255873	53.271	ug/l	99
64) Tetrachloroethene	9.32	164	227134	48.202	ug/l	98
65) Chlorobenzene	10.12	112	621929	50.463	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	256161	51.812	ug/l	98
67) Ethyl Benzene	10.24	91	1092174	51.198	ug/l	97
68) m/p-Xylenes	10.34	106	827244	102.513	ug/l	99
69) o-Xylene	10.68	106	398241	52.116	ug/l	97
70) Stvrene	10.69	104	681725	51.669	ug/l	97
71) Bromoform	10.84	173	214934	51.777	ug/l #	100
73) Isopropylbenzene	11.01	105	1078695	49.741	ug/l	100
74) N-amyl acetate	10.88	43	411444	42.143	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	351873	49.021	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	410572	60.186	ug/l	84
77) Bromobenzene	11.24	156	286778	47.928	ug/l	98
78) n-propylbenzene	11.35	91	1234193	48.621	ug/l	100
79) 2-Chlorotoluene	11.41	91	742846	48.346	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	927341	50.002	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	114879	43.153	ug/l	95
82) 4-Chlorotoluene	11.49	91	890151	48.736	ug/l	100
83) tert-Butylbenzene	11.76	119	888110	49.321	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	953288	51.039	ug/l	100
85) sec-Butylbenzene	11.93	105	1032094	48.577	ug/l	99
86) p-Isopropyltoluene	12.05	119	972620	49.810	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	509347	47.344	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	519948	47.665	ug/l	99
89) n-Butylbenzene	12.37	91	841000	46.524	ug/l	100
90) Hexachloroethane	12.58	117	186506	47.843	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	505706	50.222	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	84590	48.544	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	325831	46.493	ug/l	93

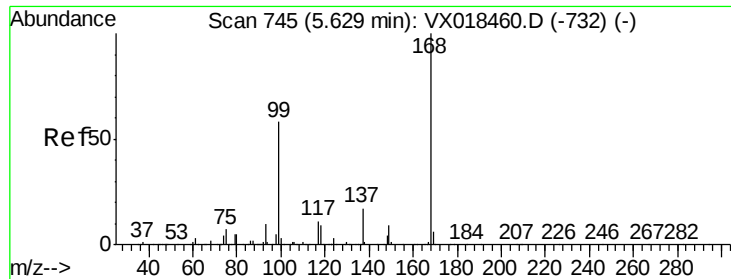
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Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	138213	46.998	ug/l	98
95) Naphthalene	13.82	128	1041198	49.195	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	318812	47.601	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

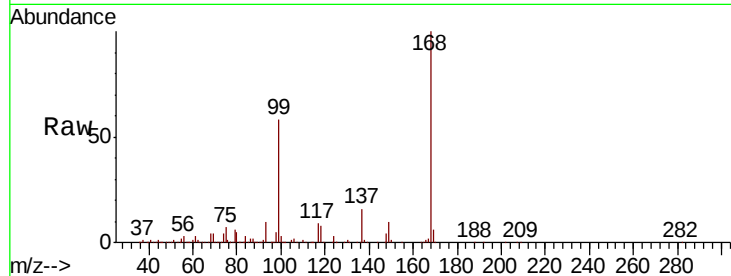
TT180D1-20200921MSD

Tot Ion:168 Resp: 401430

Ion Ratio Lower Upper

168 100

99 58.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

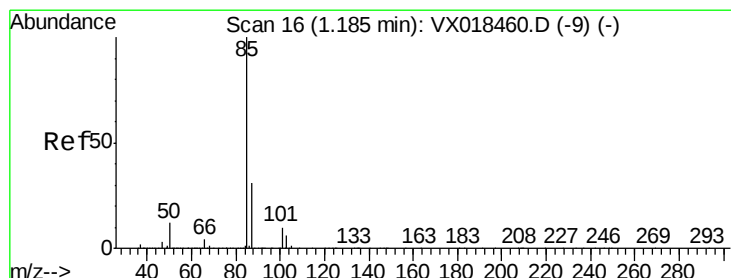
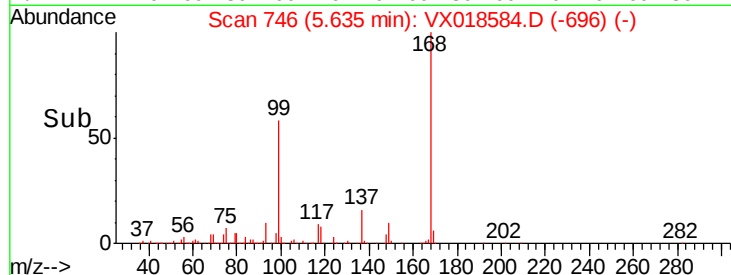
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.072 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018584.D

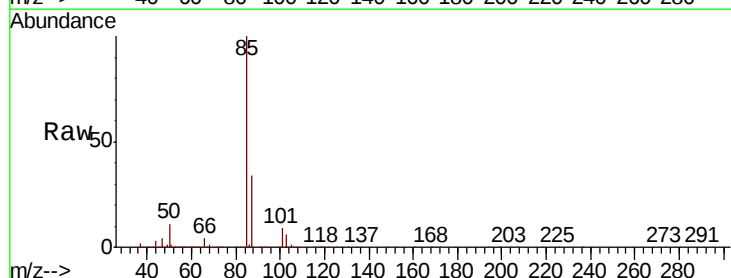
Acq: 24 Sep 2020 19:38

Tgt Ion: 85 Resp: 194376

Ion Ratio Lower Upper

85 100

87 34.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

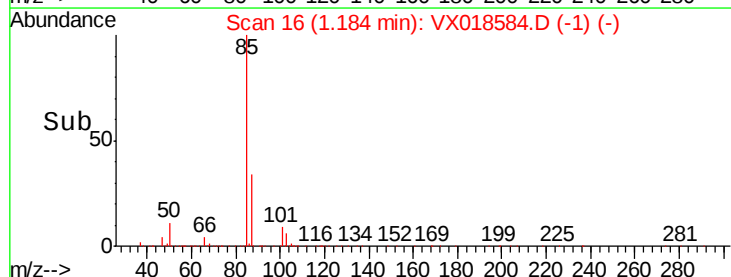
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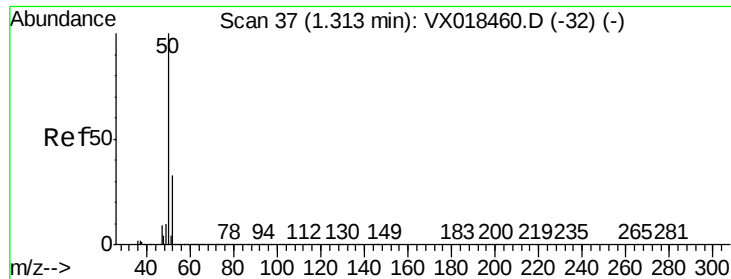
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.340 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

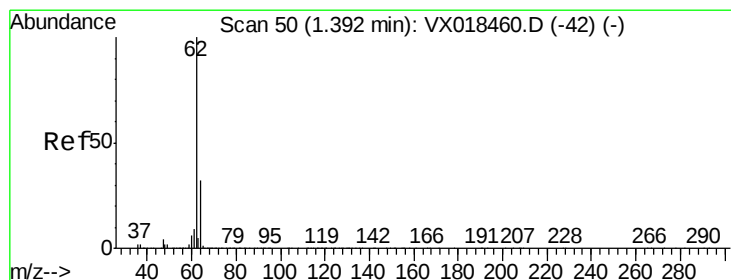
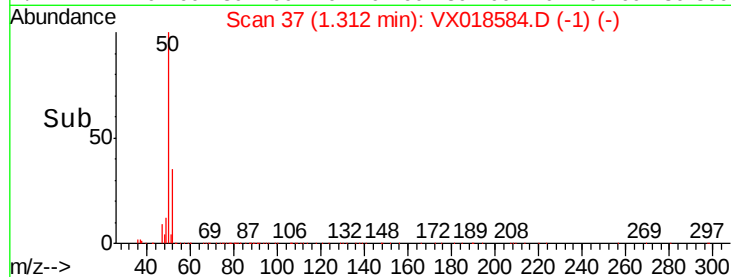
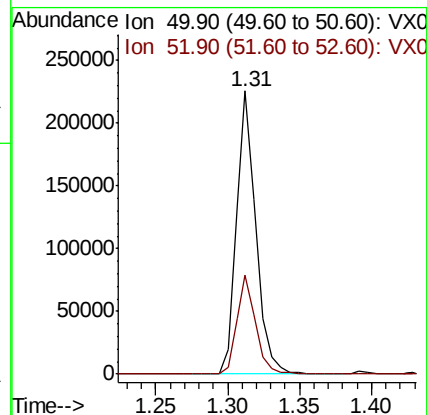
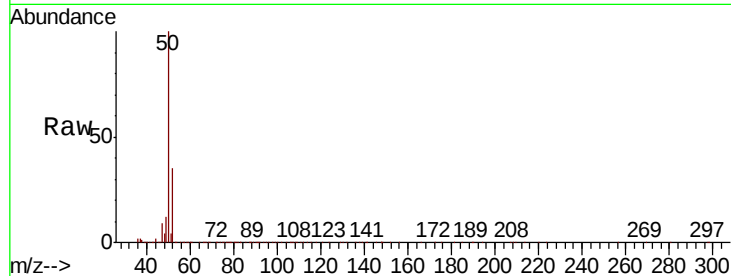
TT180D1-20200921MSD

Tot Ion: 50 Resp: 215387

Ion Ratio Lower Upper

50 100

52 35.0 26.6 40.0



#4

Vinyl Chloride

Concen: 47.782 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018584.D

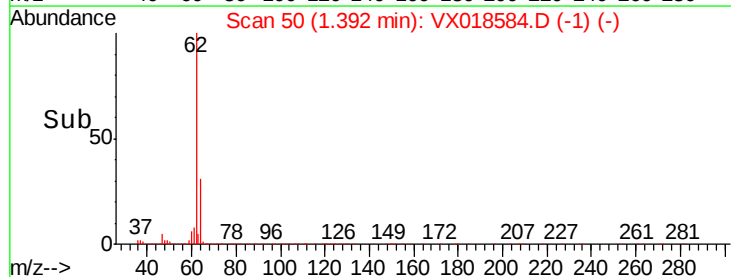
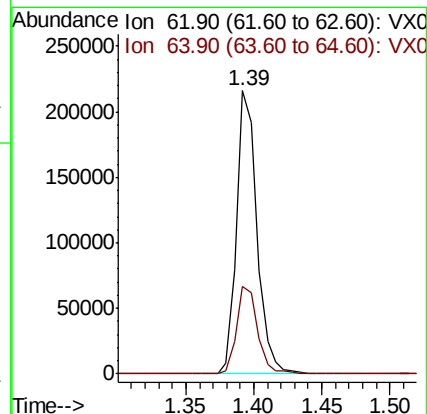
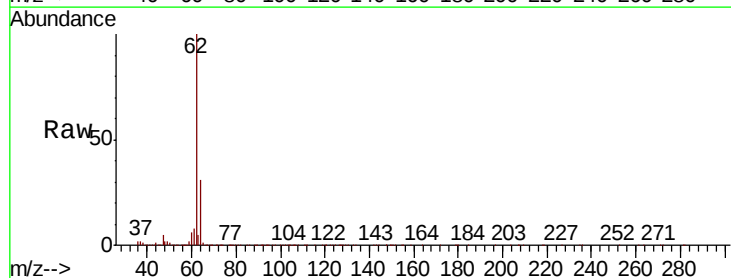
Acq: 24 Sep 2020 19:38

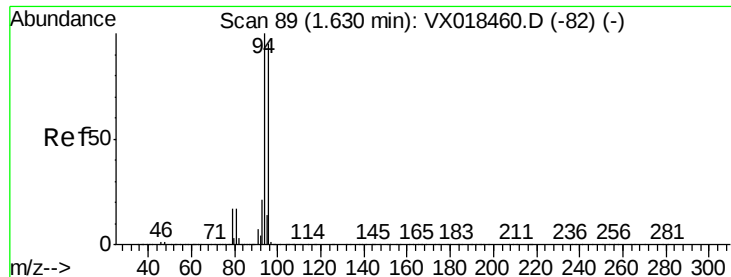
Tgt Ion: 62 Resp: 225390

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5





#5

Bromomethane

Concen: 54.116 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

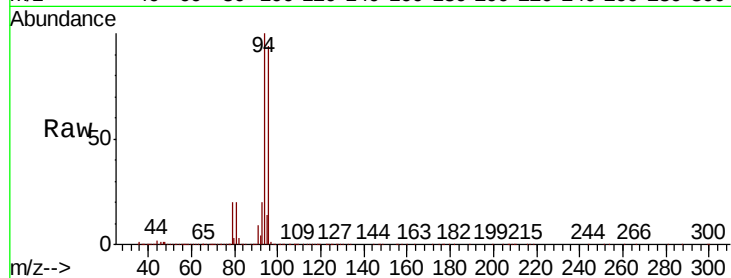
TT180D1-20200921MSD

Tot Ion: 94 Resp: 156674

Ion Ratio Lower Upper

94 100

96 94.4 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

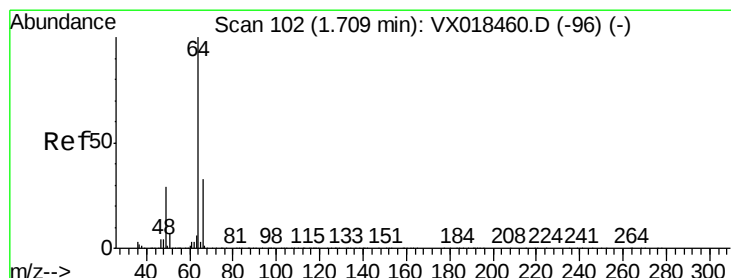
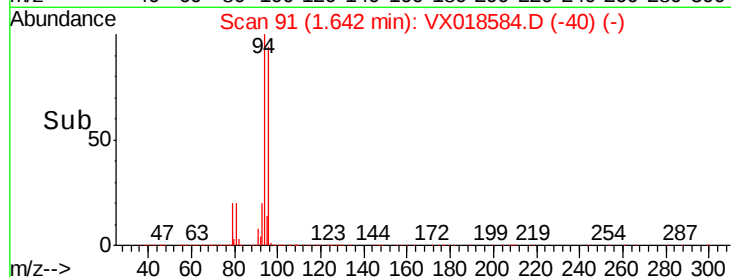
150000

100000

50000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 48.399 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018584.D

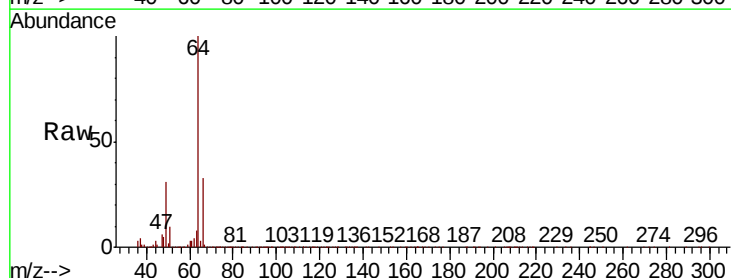
Acq: 24 Sep 2020 19:38

Tgt Ion: 64 Resp: 130662

Ion Ratio Lower Upper

64 100

66 32.7 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

120000

100000

80000

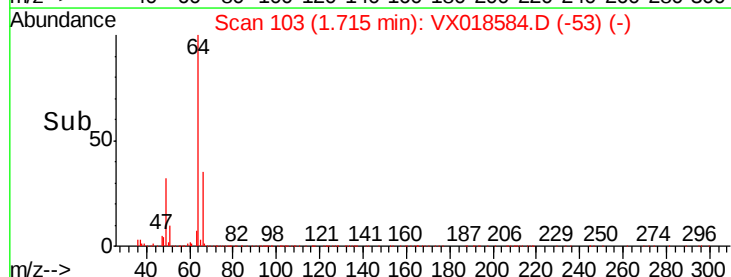
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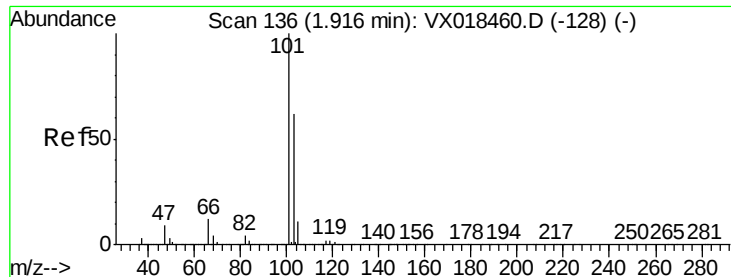
40000

20000

0

Time--> 1.65 1.70 1.75 1.80



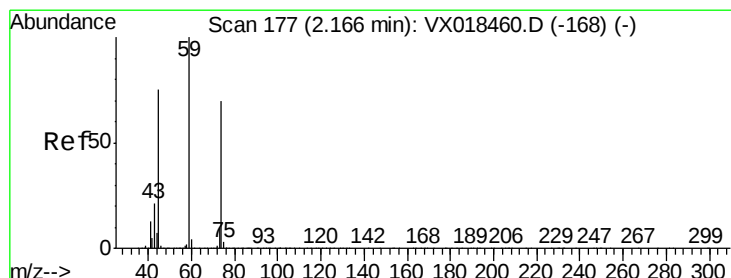
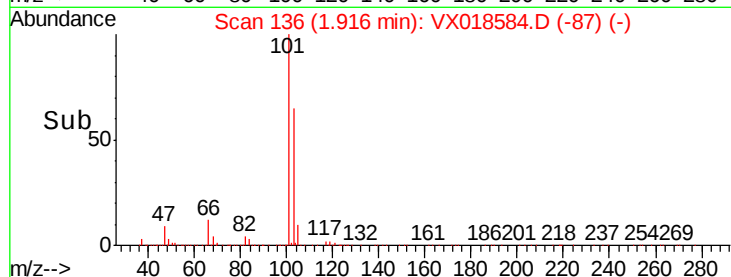
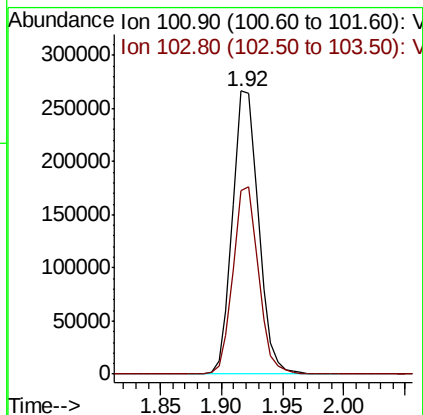
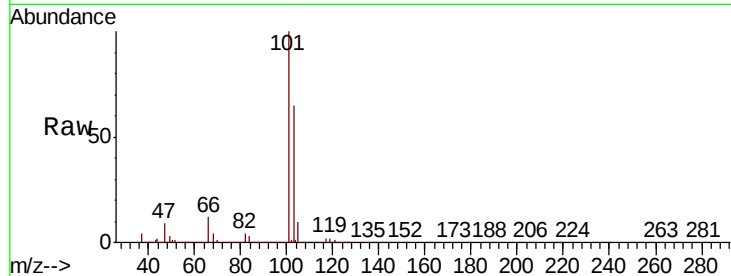


#7

Trichlorofluoromethane
Concen: 54.622 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Instrument :
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ClientSampleId :
TT180D1-20200921MSD

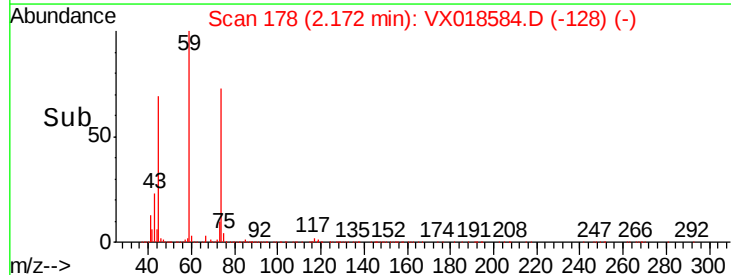
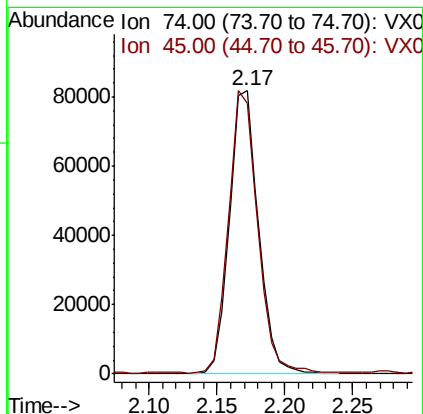
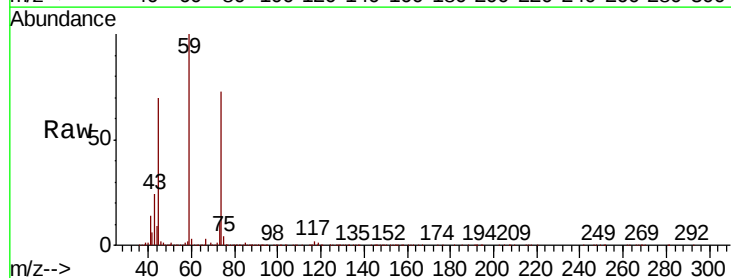
Tot Ion:101 Resp: 391422
Ion Ratio Lower Upper
101 100
103 64.9 49.6 74.4

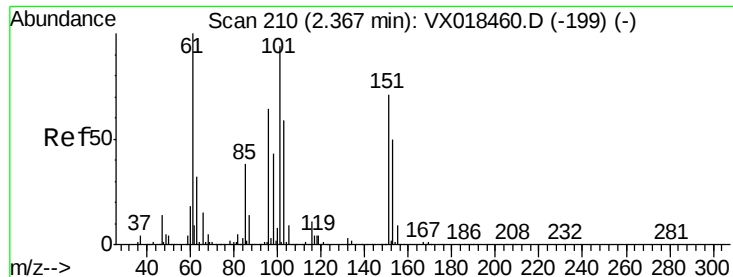


#8

Diethyl Ether
Concen: 48.297 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion: 74 Resp: 121429
Ion Ratio Lower Upper
74 100
45 99.6 50.7 152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.957 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

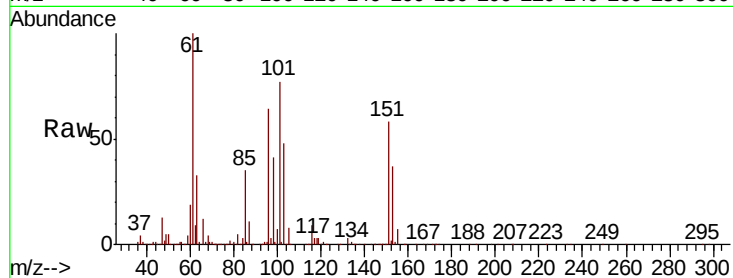
Tot Ion:101 Resp: 215830

Ion Ratio Lower Upper

101 100

85 44.0 34.7 52.1

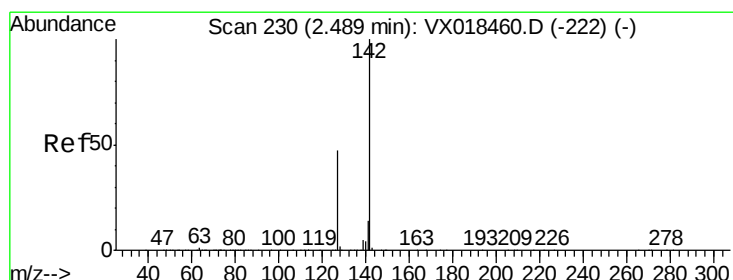
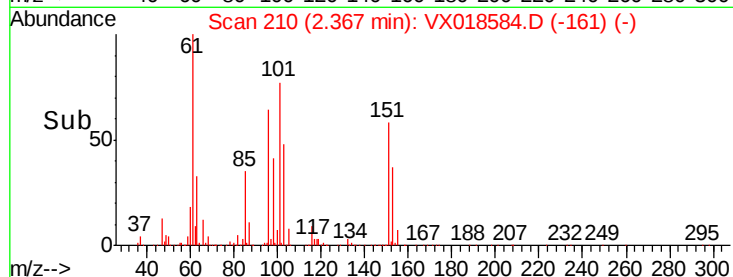
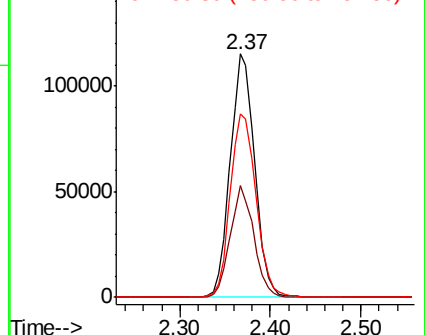
151 79.4 64.9 97.3



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: 51.118 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

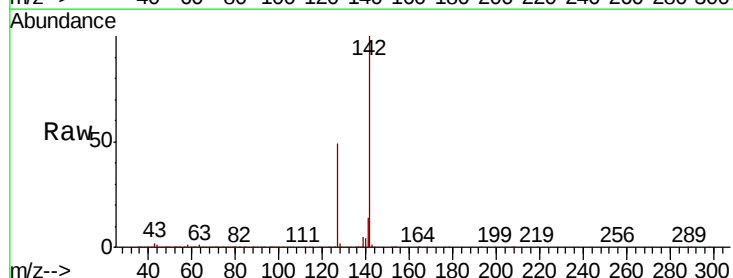
Tgt Ion:142 Resp: 244539

Ion Ratio Lower Upper

142 100

127 49.0 36.0 54.0

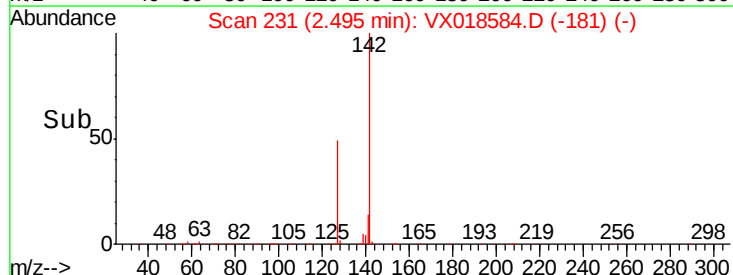
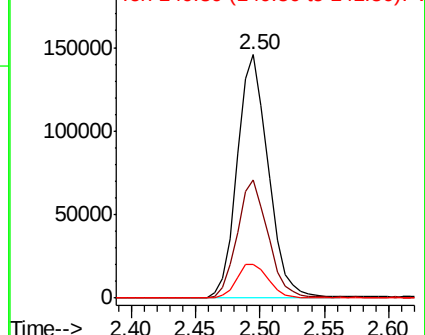
141 14.6 11.9 17.9

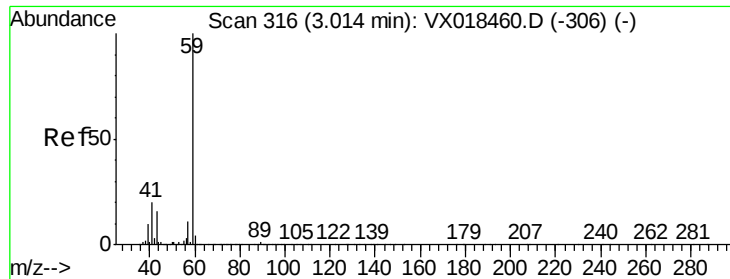


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

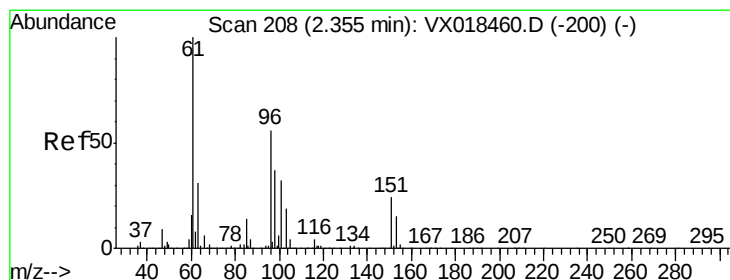
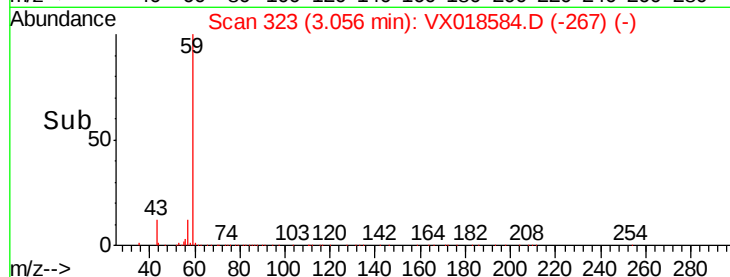
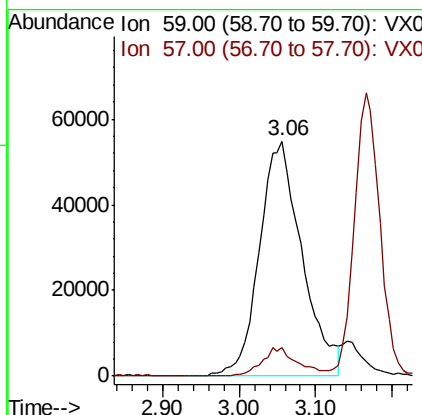
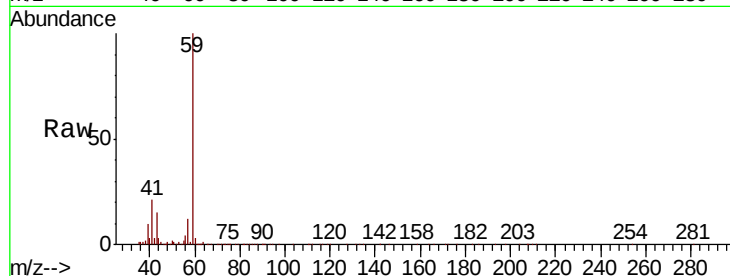




#11
Tert butyl alcohol
Concen: 214.977 ug/l
RT: 3.06 min Scan# 323
Delta R.T. 0.04 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

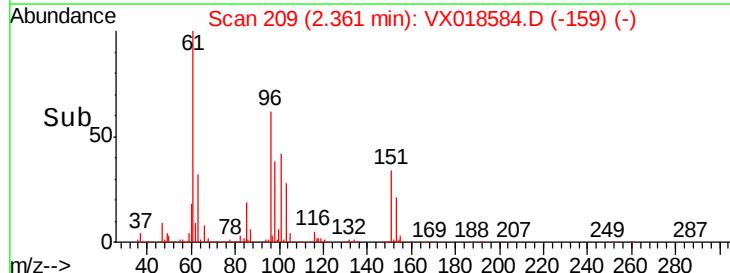
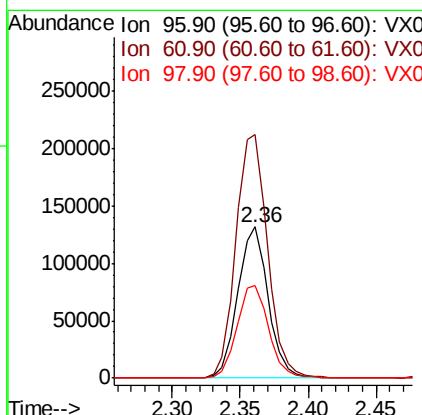
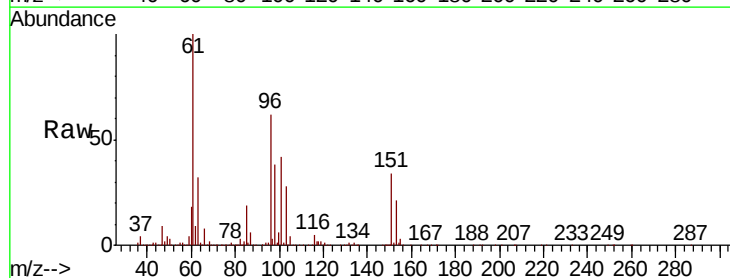
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

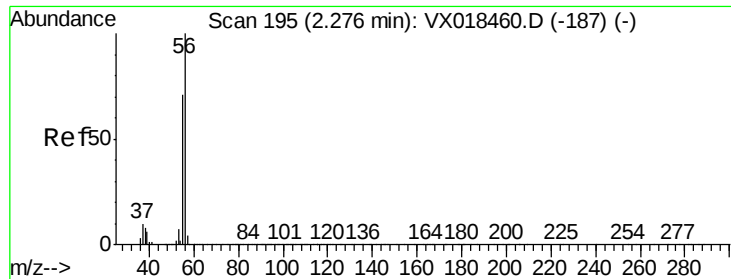
Tot Ion: 59 Resp: 212418
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 52.515 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion: 96 Resp: 204158
Ion Ratio Lower Upper
96 100
61 161.3 142.2 213.4
98 61.0 52.4 78.6

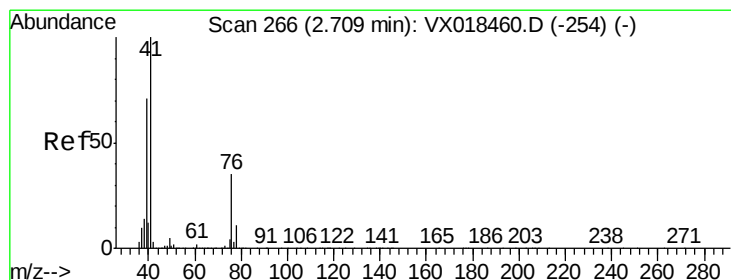
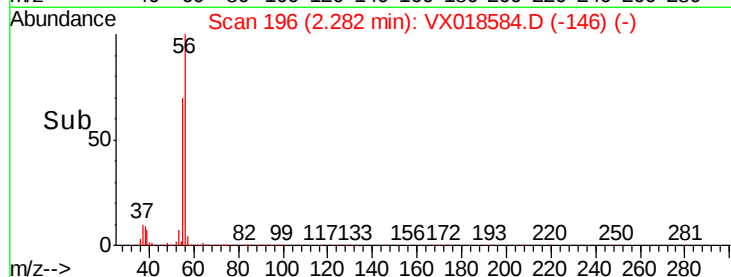
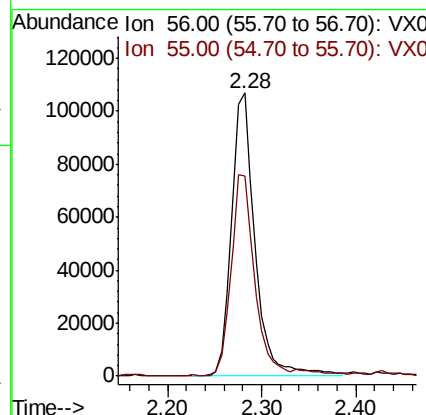
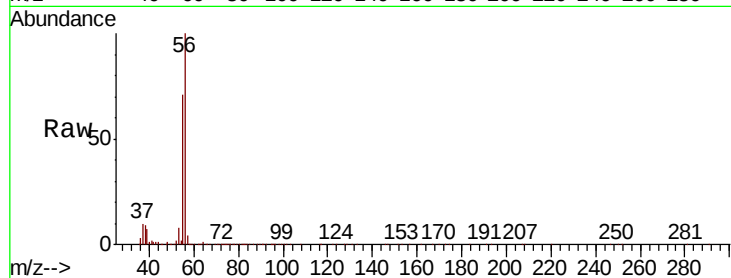




#13
Acrolein
Concen: 298.990 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

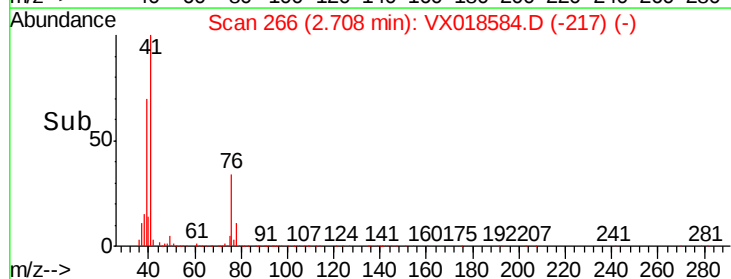
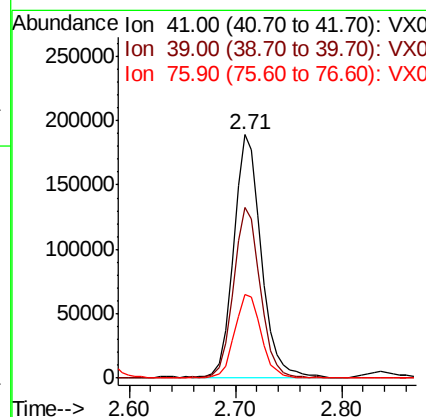
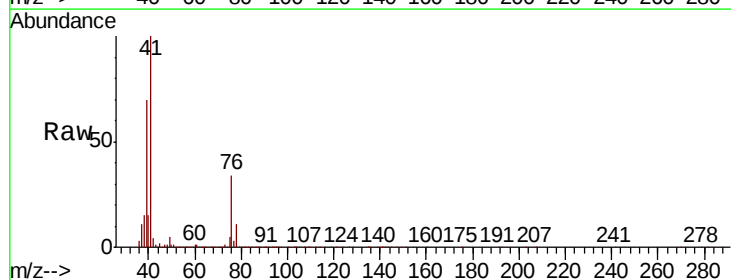
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

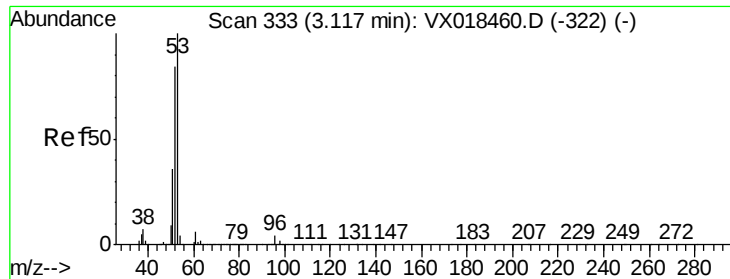
Tot Ion: 56 Resp: 187063
Ion Ratio Lower Upper
56 100
55 72.0 58.2 87.4



#14
Allyl chloride
Concen: 45.219 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion: 41 Resp: 340659
Ion Ratio Lower Upper
41 100
39 67.7 51.1 76.7
76 33.6 26.0 39.0





#15

Acrylonitrile

Concen: 240.330 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

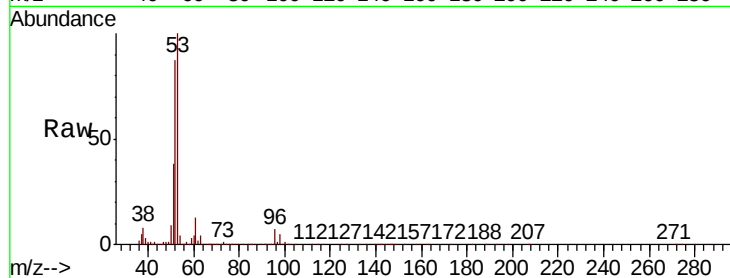
Tot Ion: 53 Resp: 566609

Ion Ratio Lower Upper

53 100

52 82.4 65.8 98.8

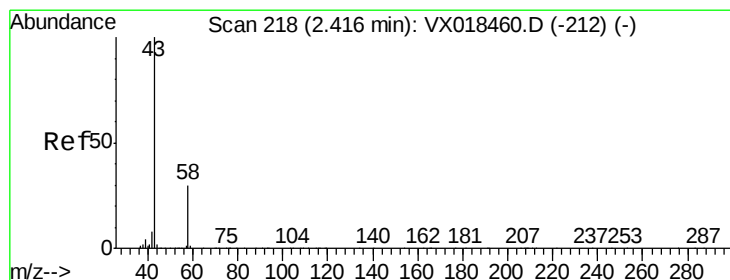
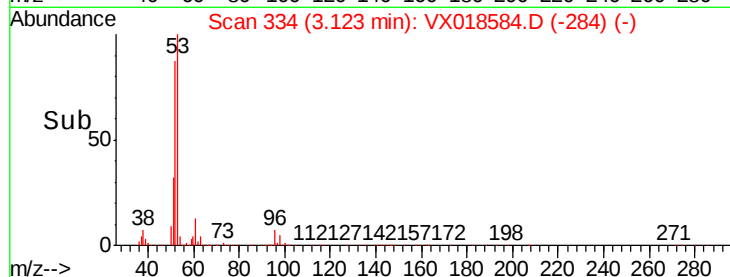
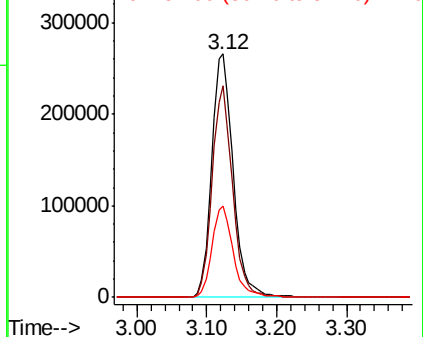
51 36.7 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 231.365 ug/l

RT: 2.43 min Scan# 221

Delta R.T. 0.02 min

Lab File: VX018584.D

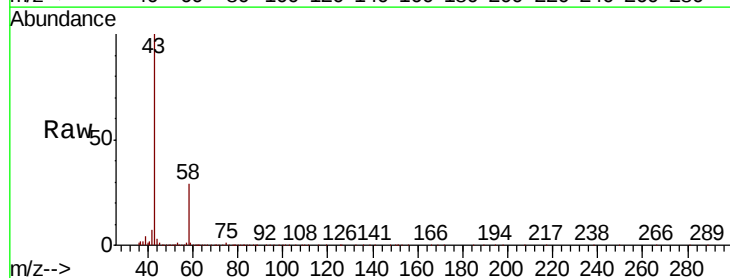
Acq: 24 Sep 2020 19:38

Tgt Ion: 43 Resp: 502480

Ion Ratio Lower Upper

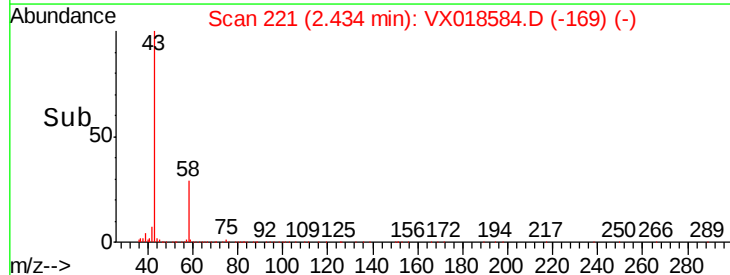
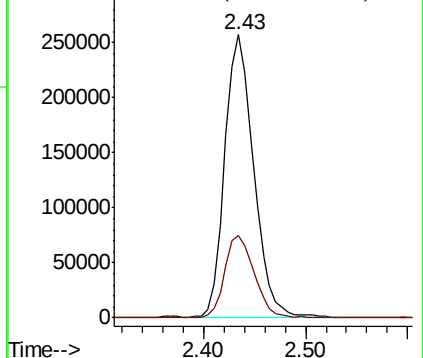
43 100

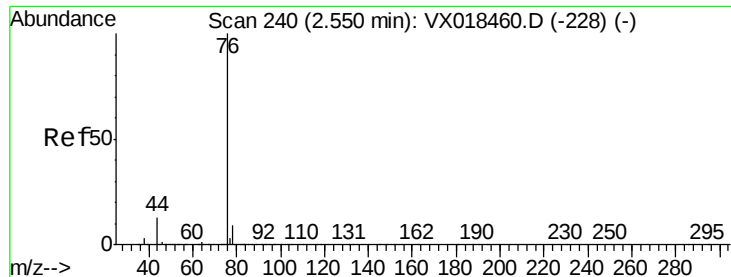
58 29.1 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.377 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

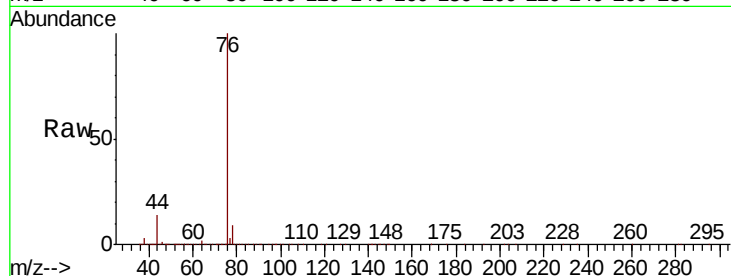
TT180D1-20200921MSD

Tot Ion: 76 Resp: 550055

Ion Ratio Lower Upper

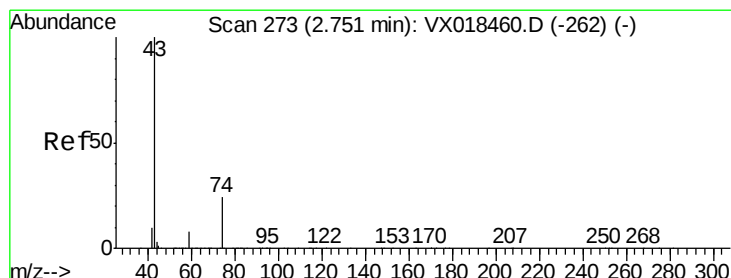
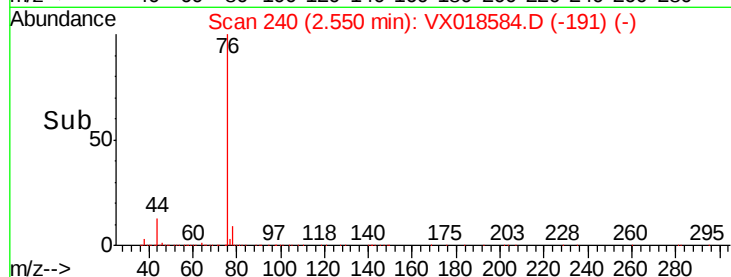
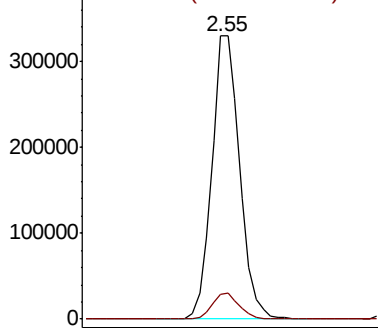
76 100

78 8.9 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 45.237 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018584.D

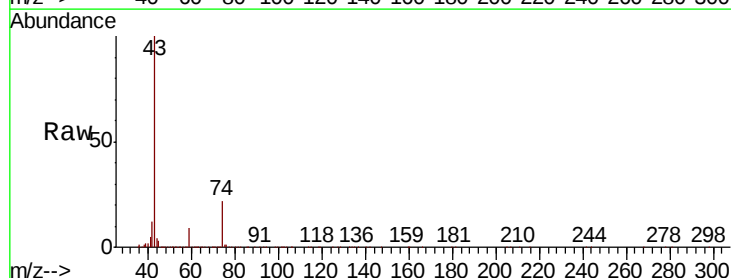
Acq: 24 Sep 2020 19:38

Tgt Ion: 43 Resp: 243419

Ion Ratio Lower Upper

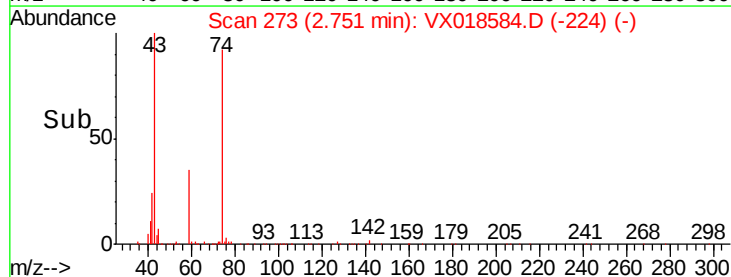
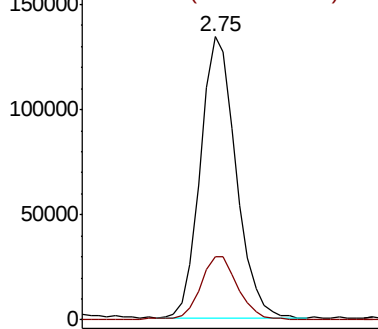
43 100

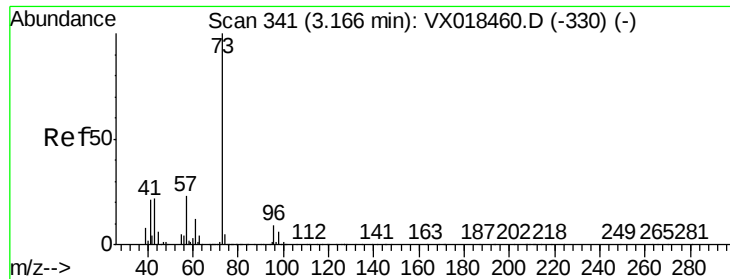
74 24.3 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

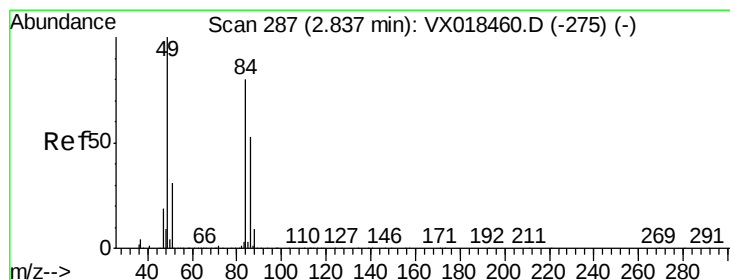
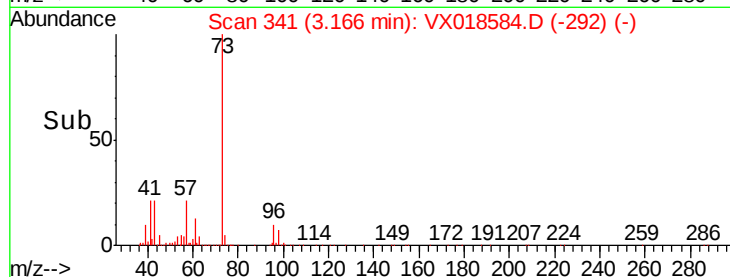
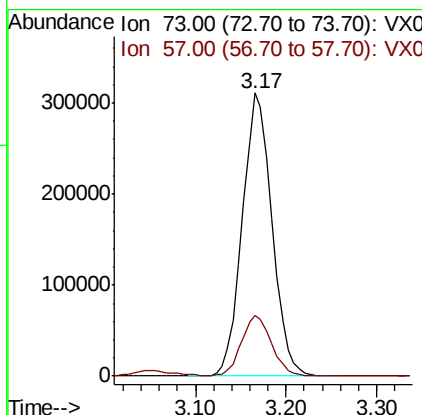
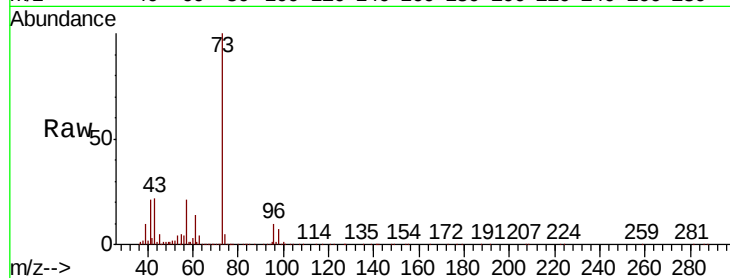




#19
Methyl tert-butyl Ether
Concen: 51.568 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

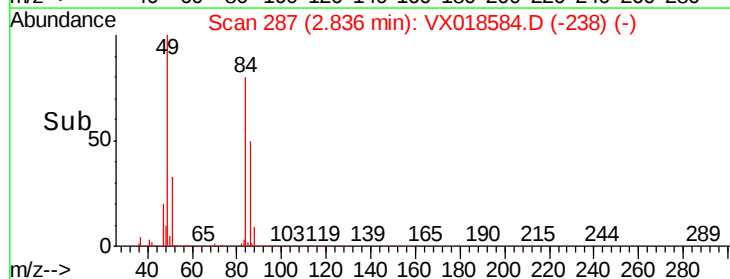
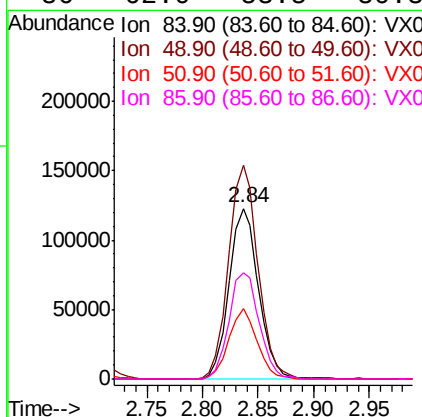
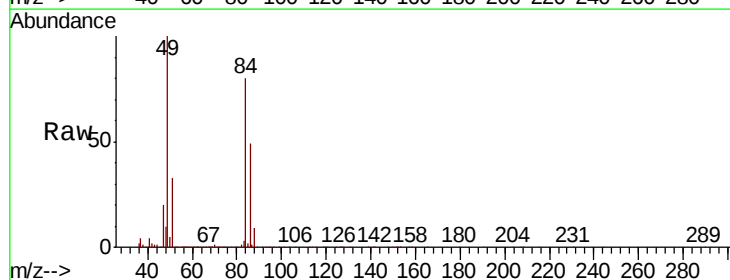
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

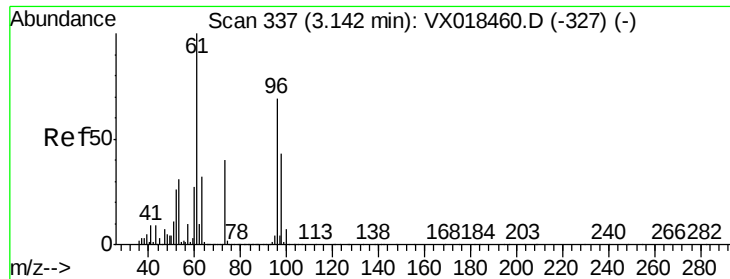
Tot Ion: 73 Resp: 703741
Ion Ratio Lower Upper
73 100
57 21.1 18.0 27.0



#20
Methylene Chloride
Concen: 47.110 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion: 84 Resp: 225742
Ion Ratio Lower Upper
84 100
49 125.2 100.6 151.0
51 41.0 30.9 46.3
86 62.0 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 47.767 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

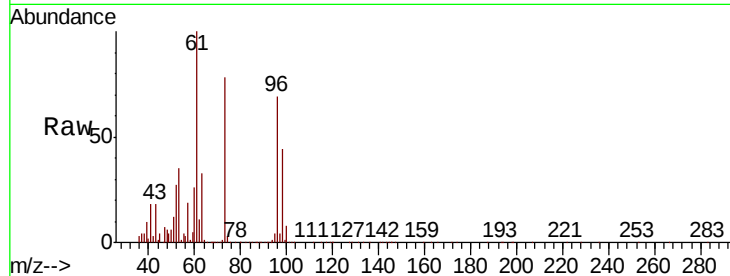
Tot Ion: 96 Resp: 215817

Ion Ratio Lower Upper

96 100

61 144.0 115.6 173.4

98 63.1 50.2 75.4



Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

200000

150000

100000

50000

0

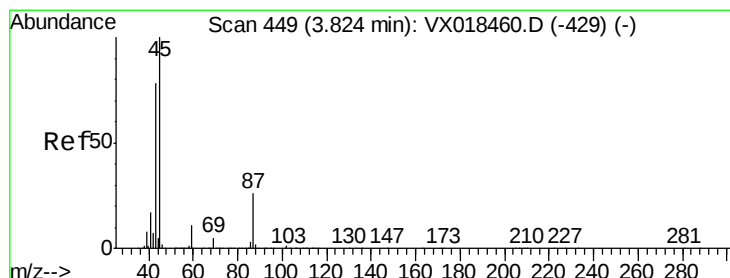
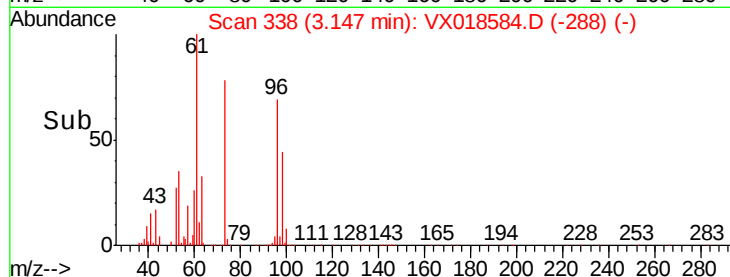
3.15

3.00

3.10

3.20

Time-->



#22

Diisopropyl ether

Concen: 49.736 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Tgt Ion: 45 Resp: 704300

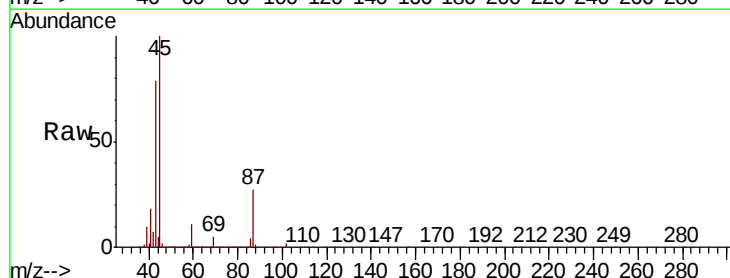
Ion Ratio Lower Upper

45 100

43 78.6 62.4 93.6

87 27.1 21.2 31.8

59 10.6 8.9 13.3



Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

1500000

1000000

500000

0

3.82

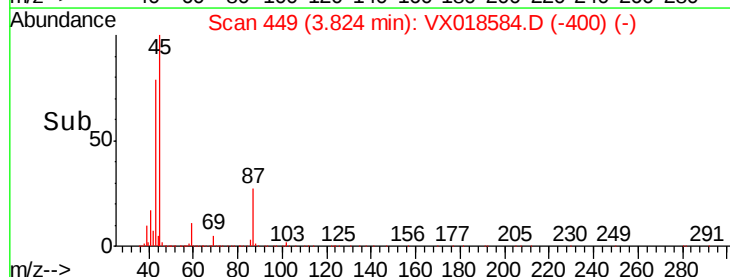
3.70

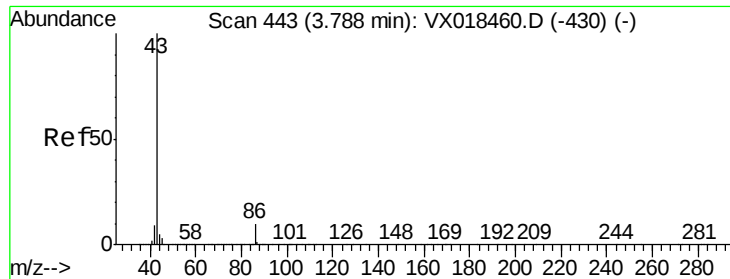
3.80

3.90

4.00

Time-->





#23

Vinyl Acetate

Concen: 231.854 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

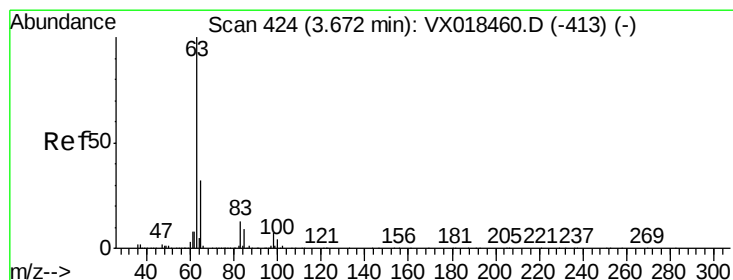
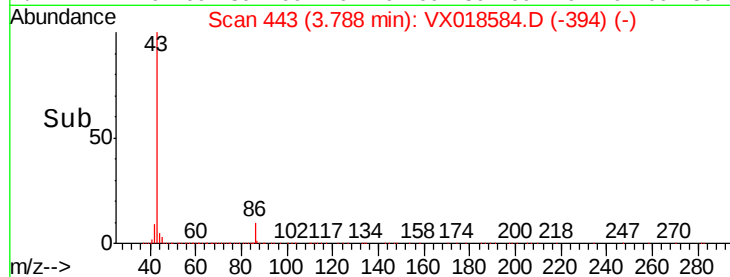
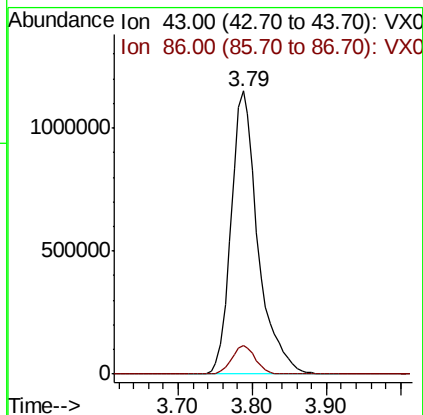
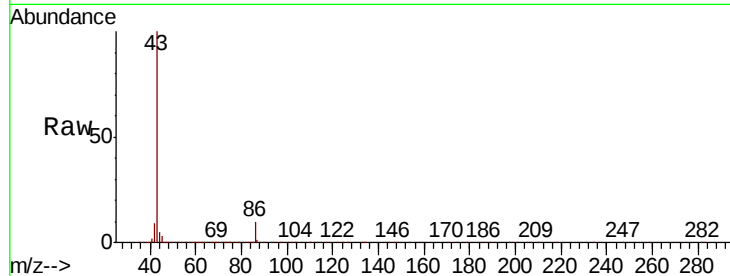
TT180D1-20200921MSD

Tot Ion: 43 Resp: 2909314

Ion Ratio Lower Upper

43 100

86 10.2 8.1 12.1



#24

1,1-Dichloroethane

Concen: 49.330 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

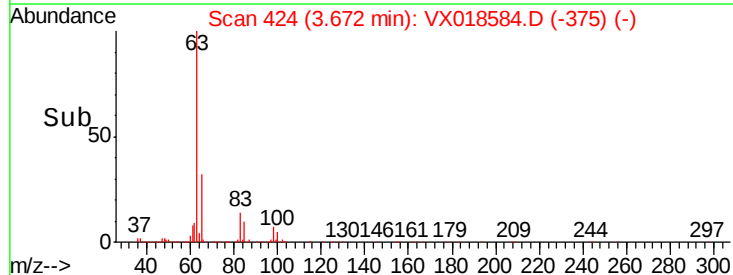
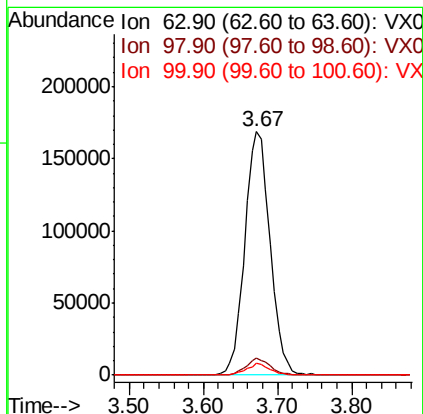
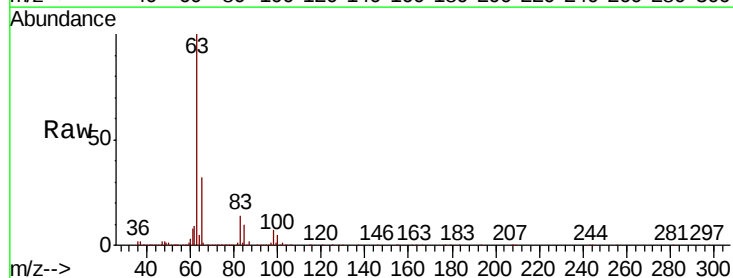
Tgt Ion: 63 Resp: 402858

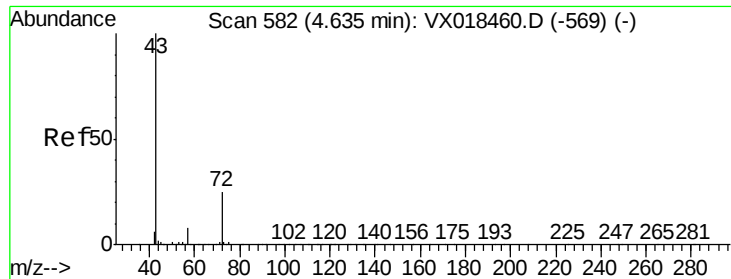
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.6

100 4.8 1.9 5.7





#25

2-Butanone

Concen: 230.222 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

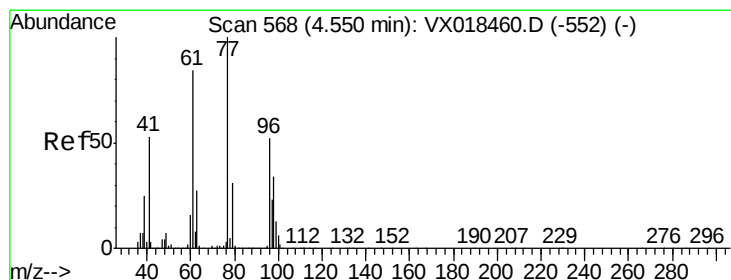
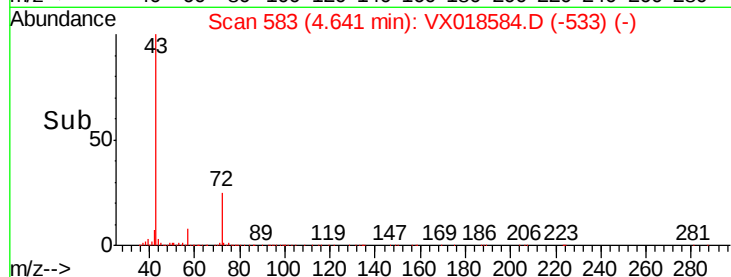
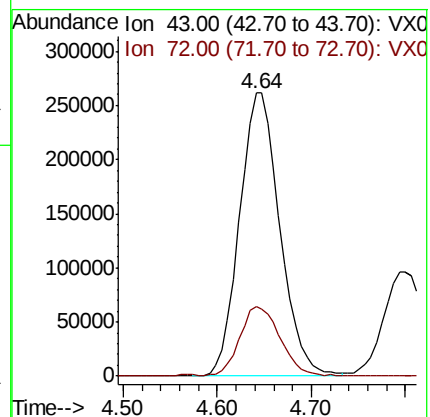
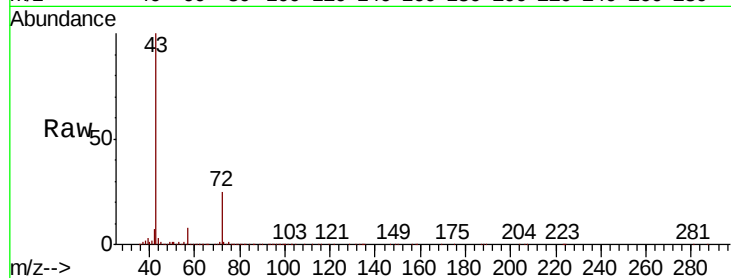
TT180D1-20200921MSD

Tot Ion: 43 Resp: 778628

Ion Ratio Lower Upper

43 100

72 24.7 20.2 30.4



#26

2,2-Dichloropropane

Concen: 41.136 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018584.D

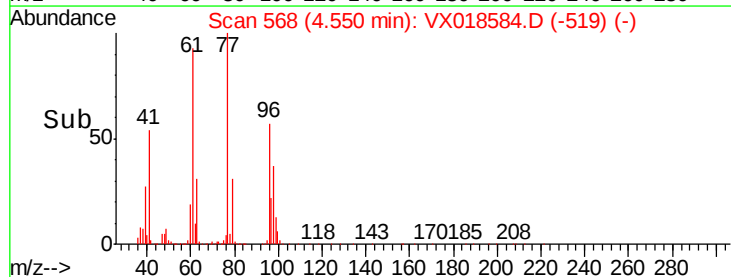
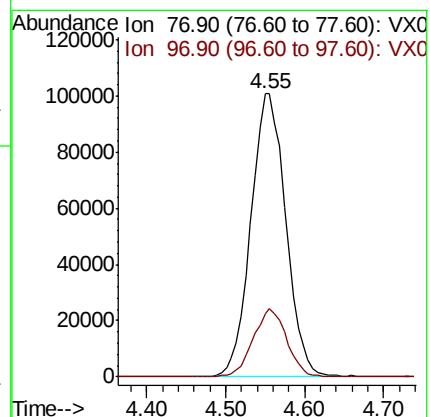
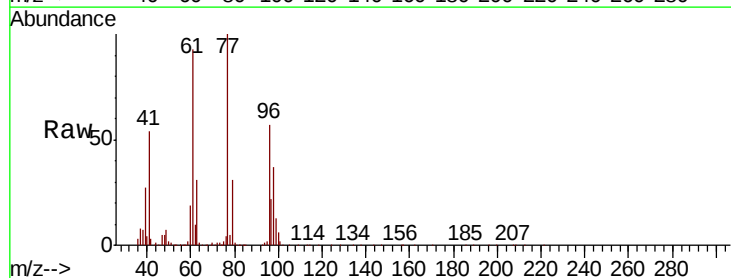
Acq: 24 Sep 2020 19:38

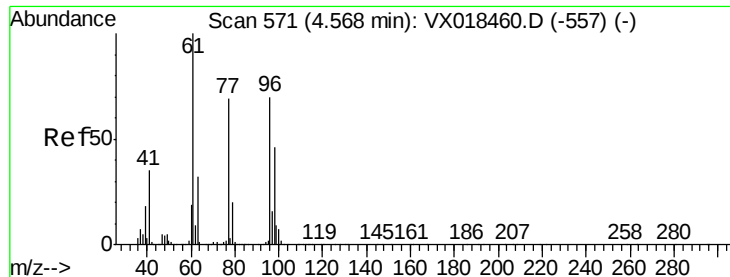
Tgt Ion: 77 Resp: 310398

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 49.101 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

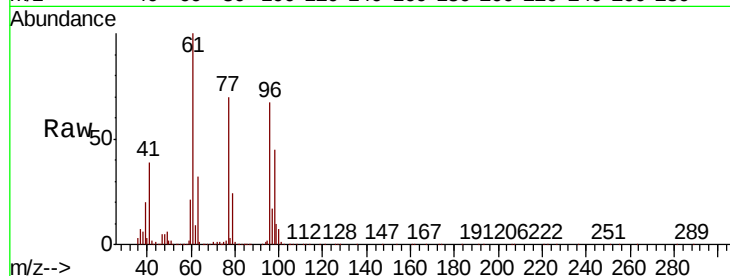
Tot Ion: 96 Resp: 248651

Ion Ratio Lower Upper

96 100

61 149.2 0.0 300.0

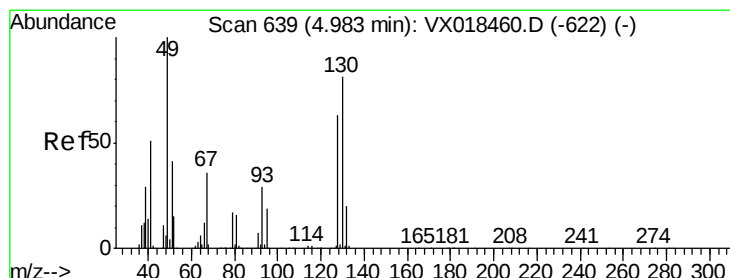
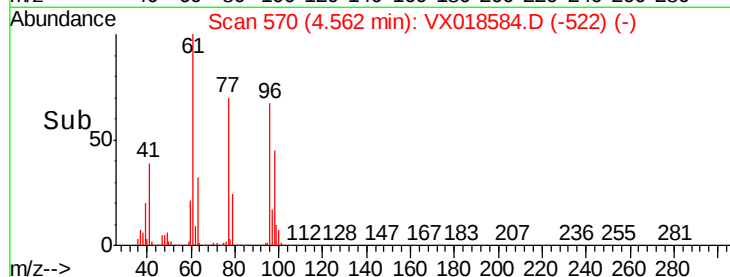
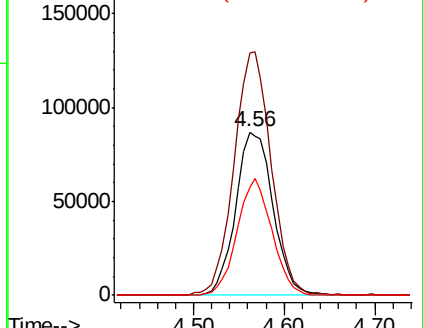
98 67.1 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 46.370 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

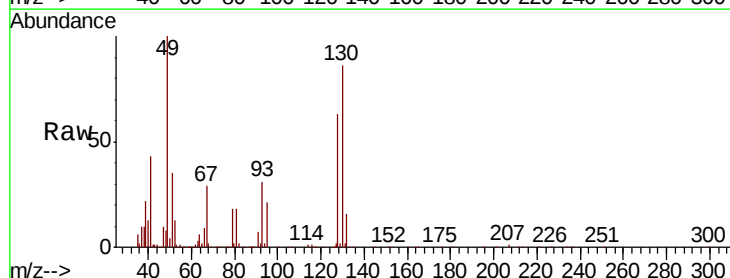
Tgt Ion: 49 Resp: 177205

Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

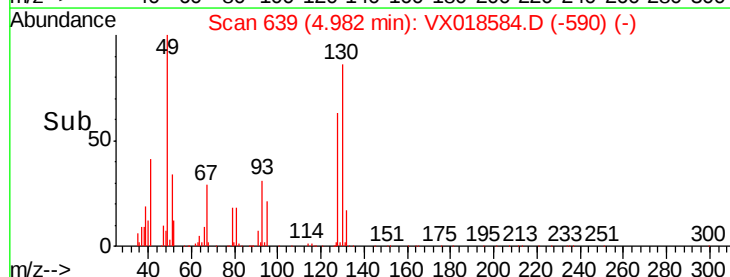
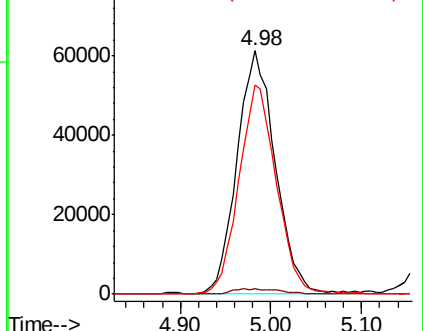
130 85.0 65.0 97.4

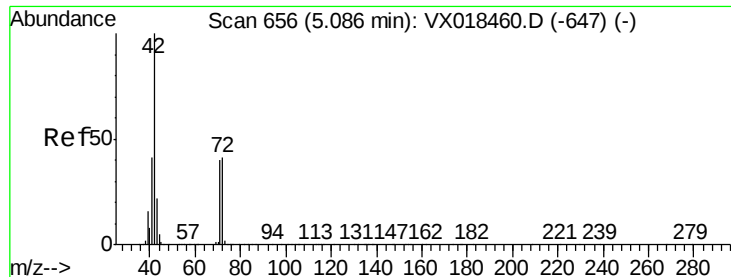


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 233.621 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

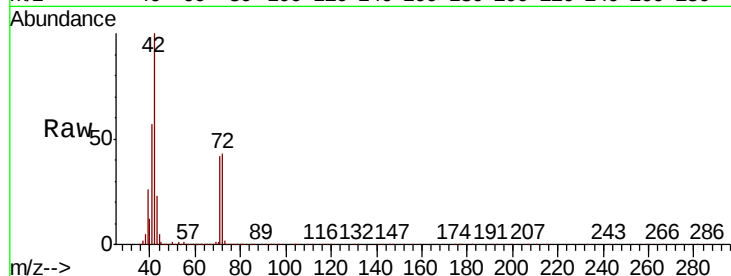
Tot Ion: 42 Resp: 498005

Ion Ratio Lower Upper

42 100

72 44.4 34.3 51.5

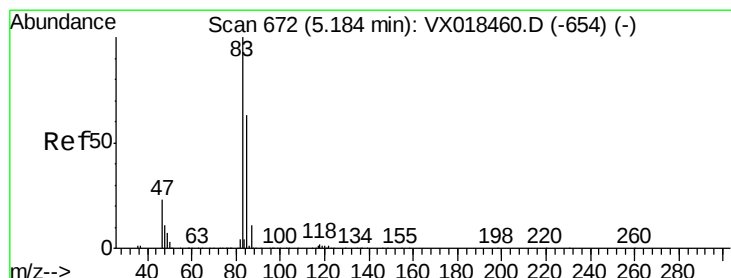
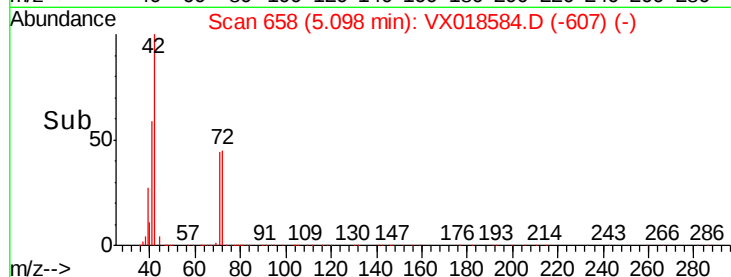
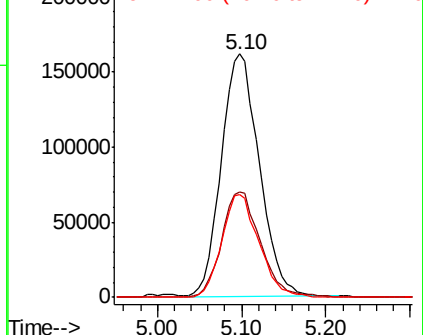
71 41.6 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 53.343 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX018584.D

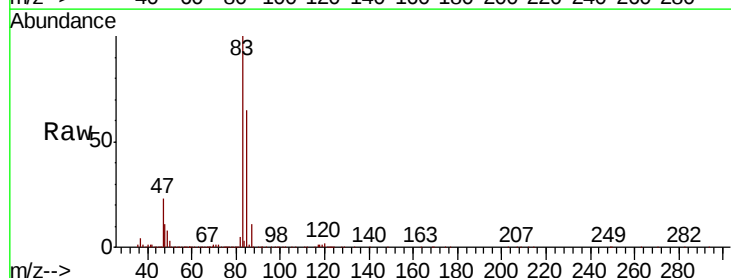
Acq: 24 Sep 2020 19:38

Tgt Ion: 83 Resp: 442001

Ion Ratio Lower Upper

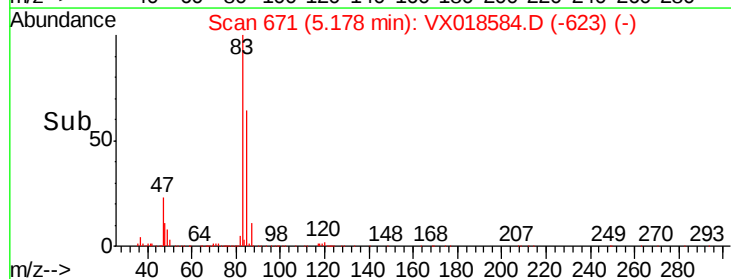
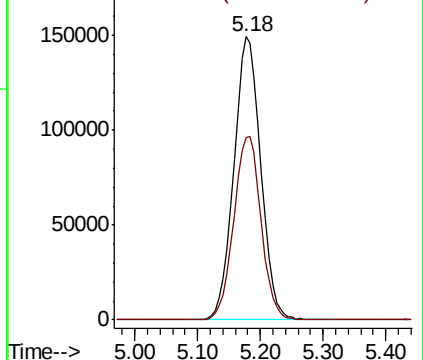
83 100

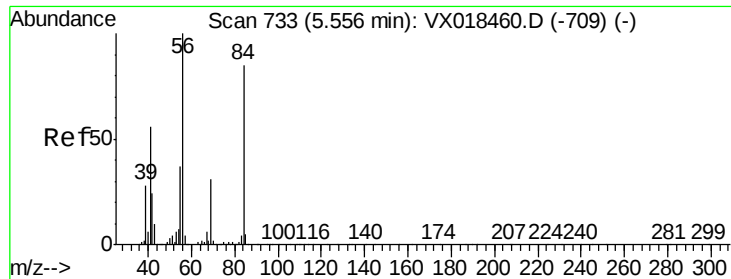
85 64.4 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.046 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

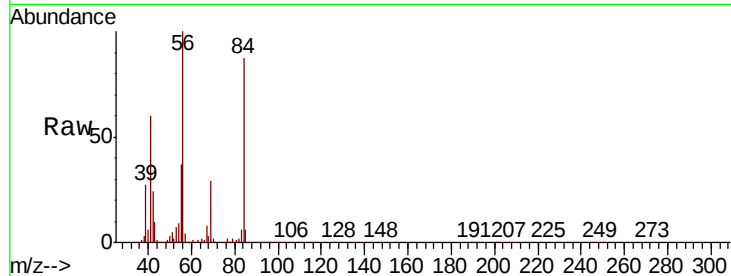
Tot Ion: 56 Resp: 323319

Ion Ratio Lower Upper

56 100

69 28.9 24.8 37.2

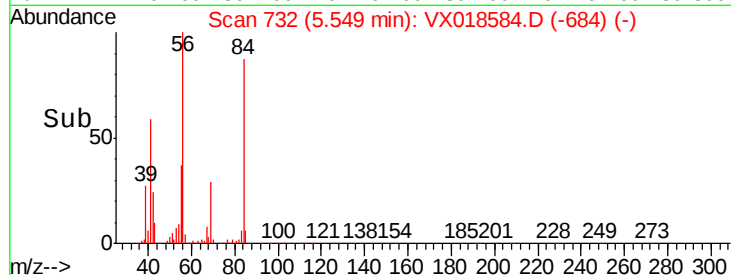
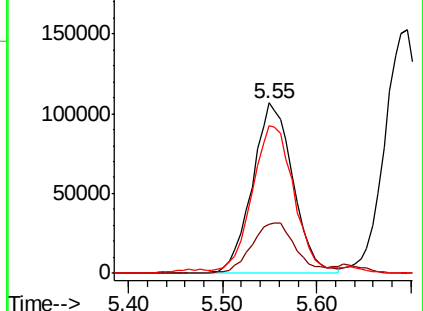
84 84.0 67.6 101.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.330 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

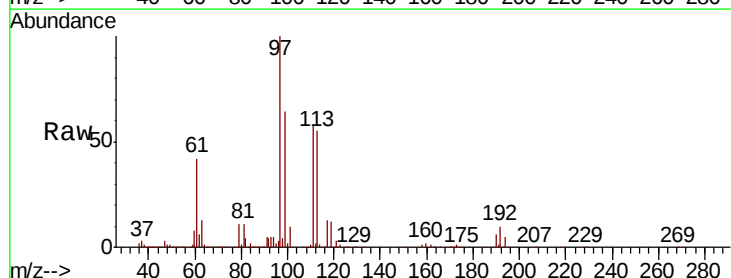
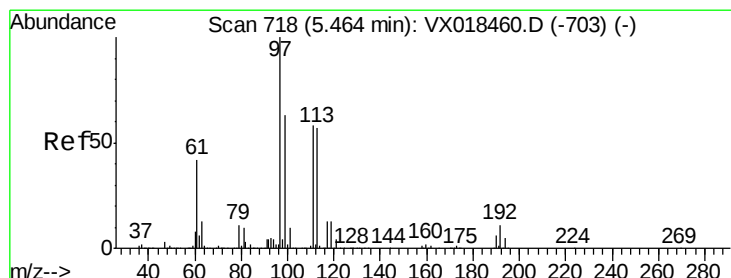
Tgt Ion: 97 Resp: 399015

Ion Ratio Lower Upper

97 100

99 65.3 50.5 75.7

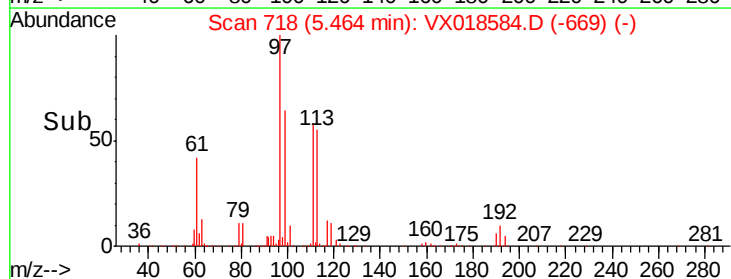
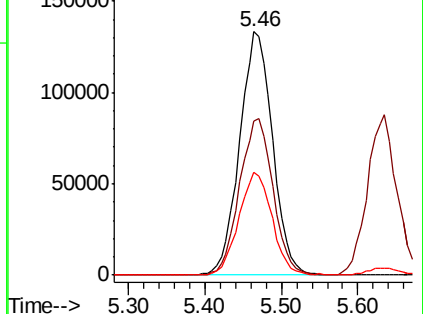
61 42.5 33.4 50.2

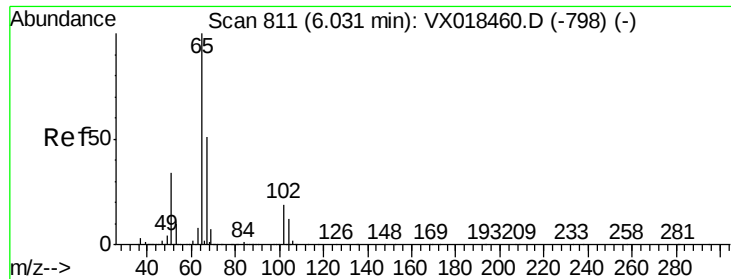


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

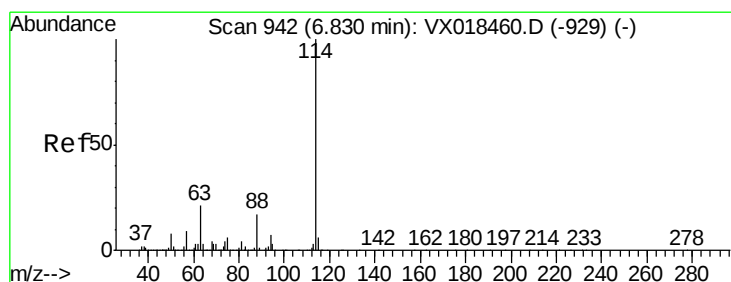
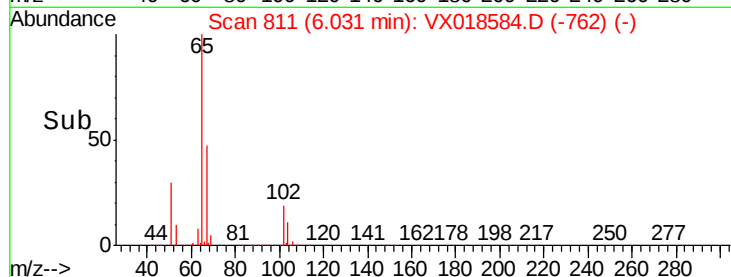
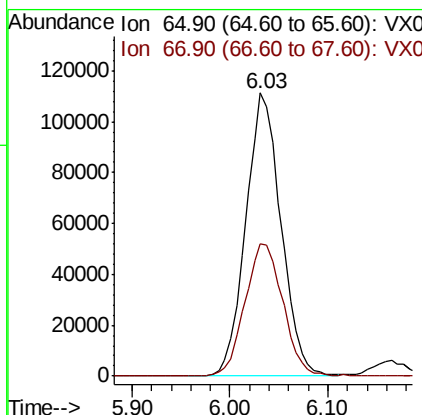
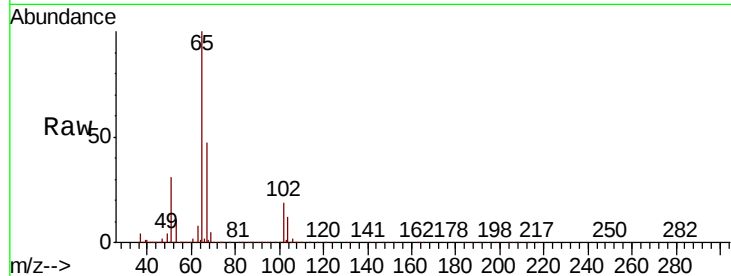




#33
 1,2-Dichloroethane-d4
 Concen: 48.939 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

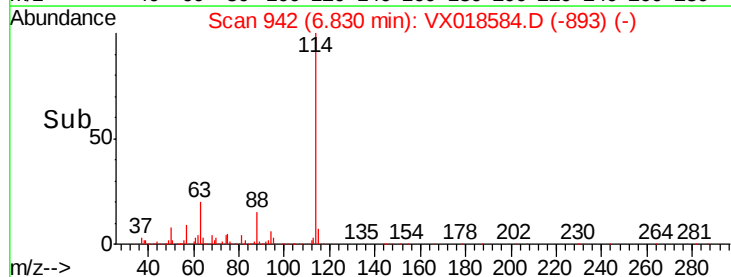
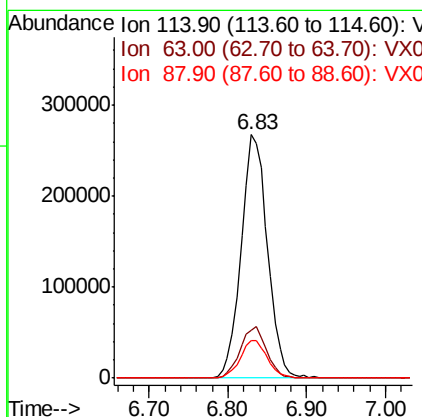
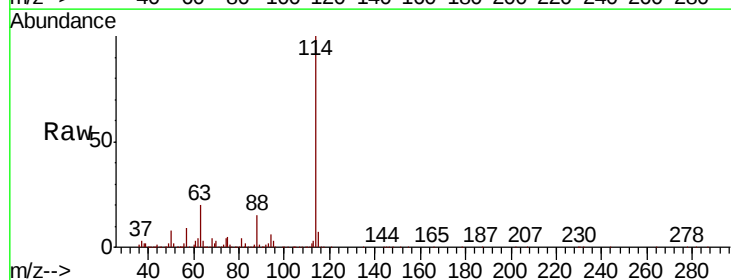
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MSD

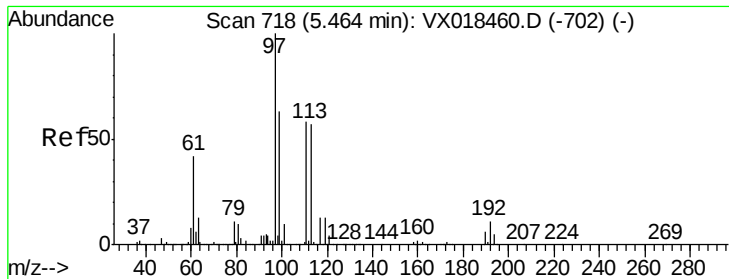
Tot Ion: 65 Resp: 277915
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Tgt Ion: 114 Resp: 621533
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.8
 88 15.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.203 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

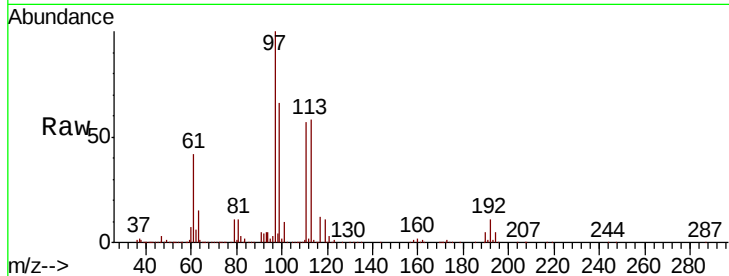
Tot Ion:113 Resp: 215708

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.2

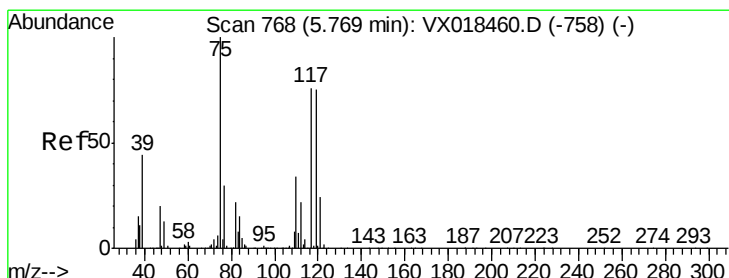
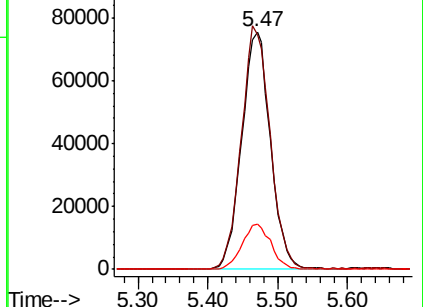
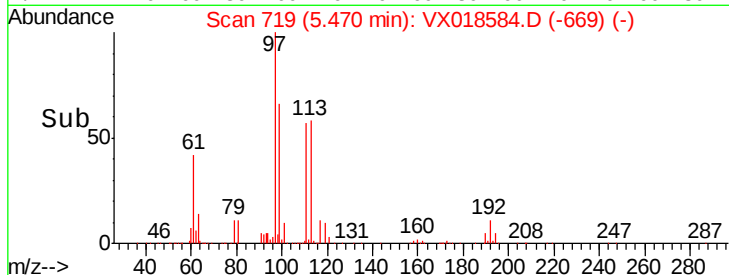
192 19.2 16.6 24.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.235 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

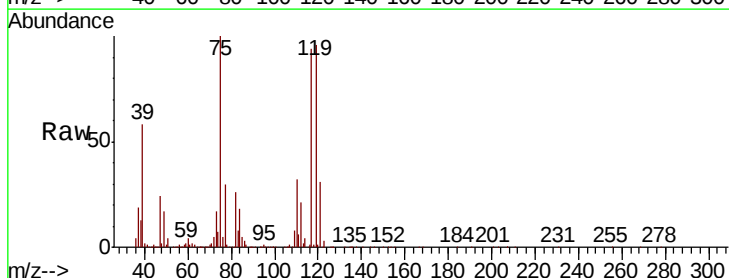
Tgt Ion: 75 Resp: 303052

Ion Ratio Lower Upper

75 100

110 35.9 17.6 52.8

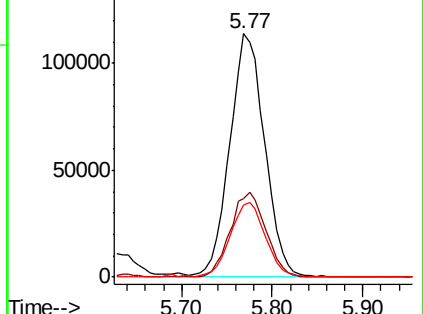
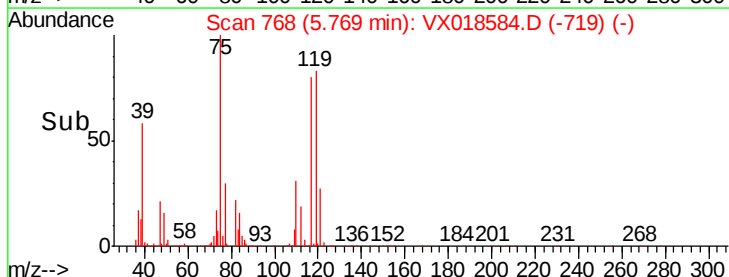
77 30.9 25.0 37.6

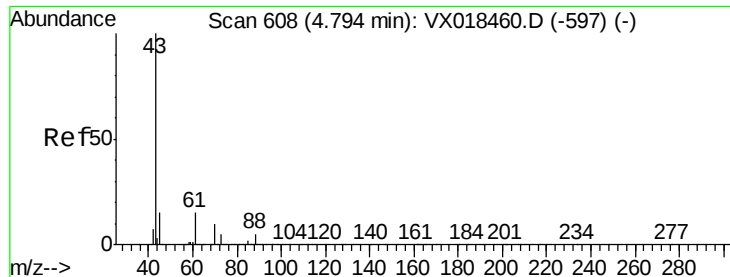


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

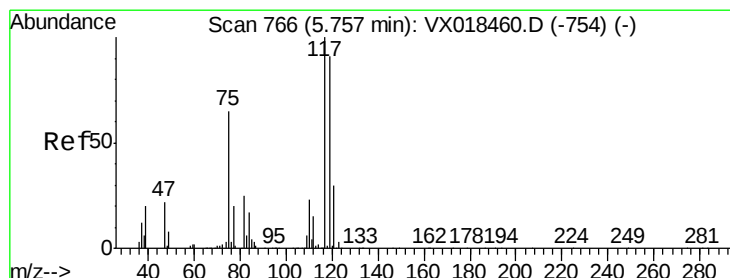
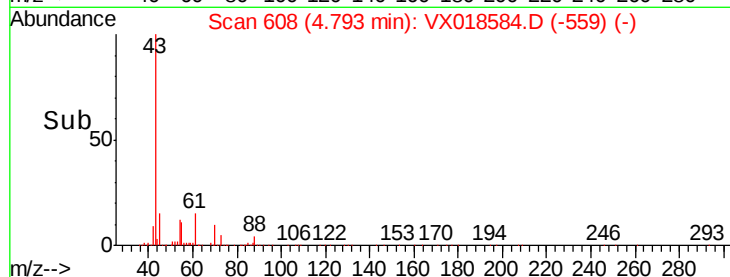
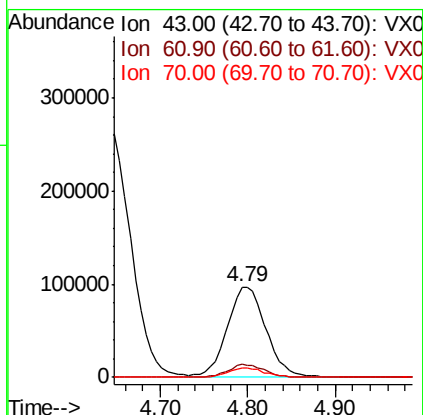
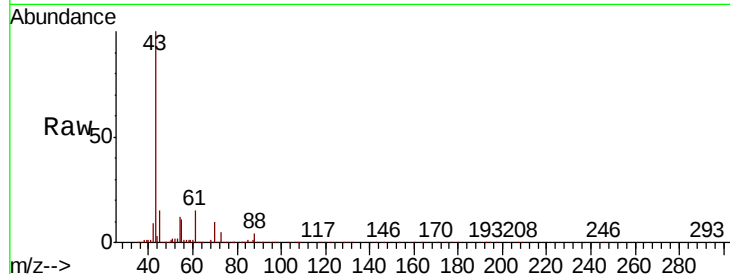




#37
Ethyl Acetate
Concen: 45.977 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

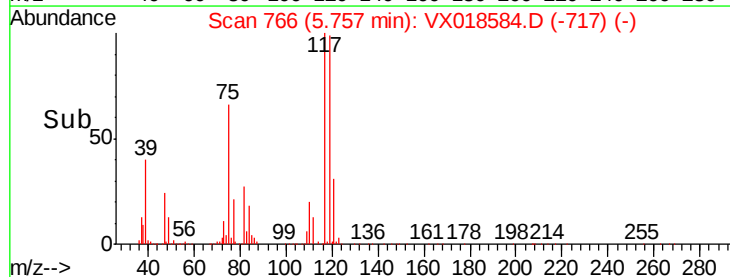
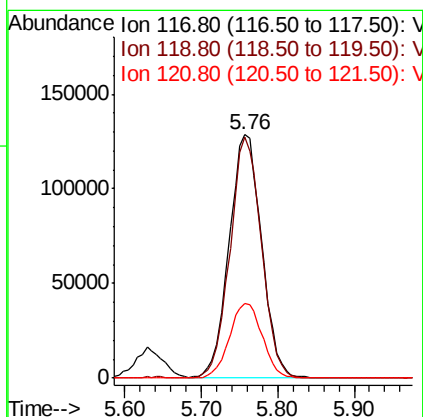
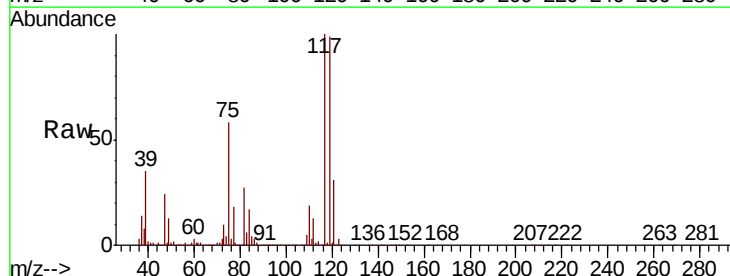
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

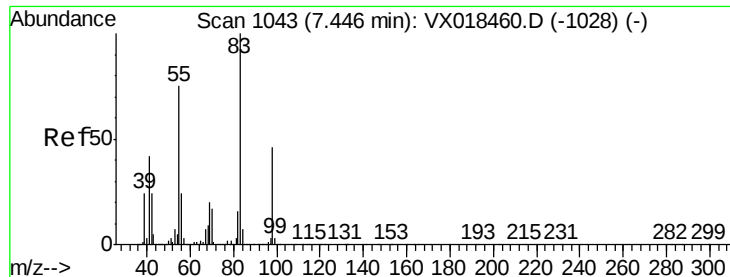
Tot Ion	43	Resp	296185
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.9	16.3
70	10.2	8.3	12.5



#38
Carbon Tetrachloride
Concen: 56.613 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion	117	Resp	378242
Ion Ratio	Lower	Upper	
117	100		
119	98.9	72.3	108.5
121	30.8	23.8	35.8

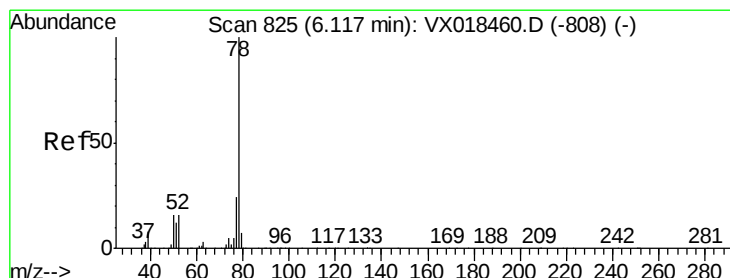
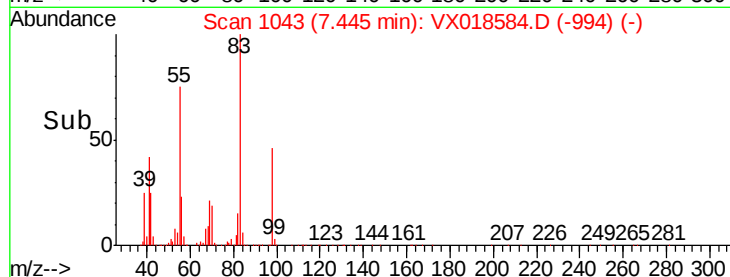
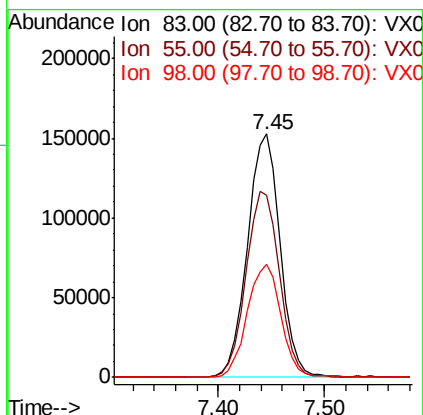
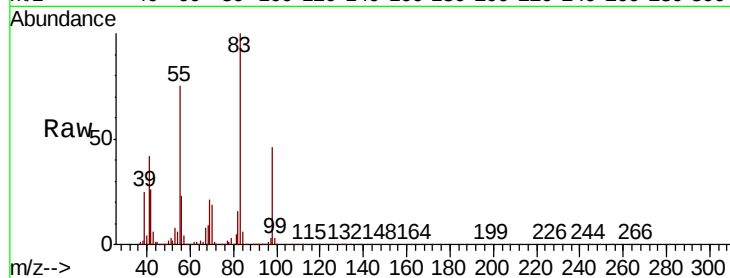




#39
Methvlcvclohexane
Concen: 48.453 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

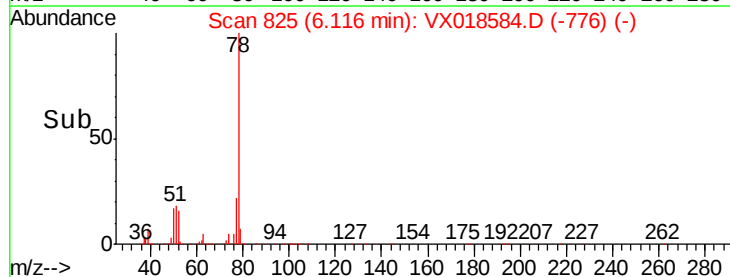
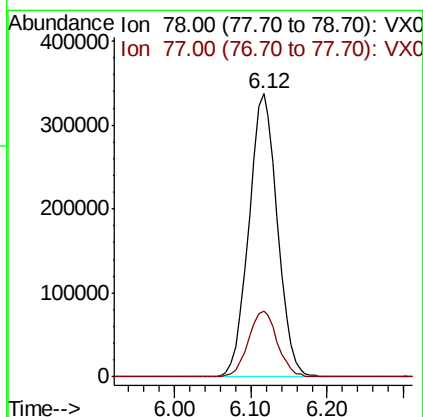
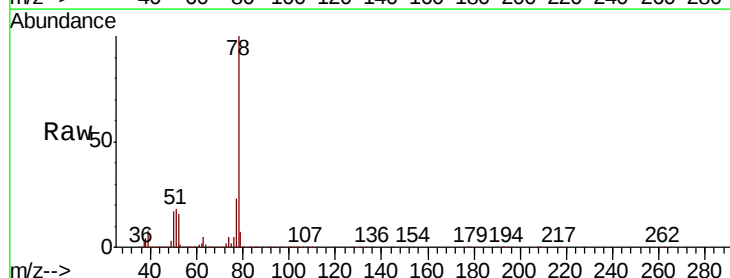
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

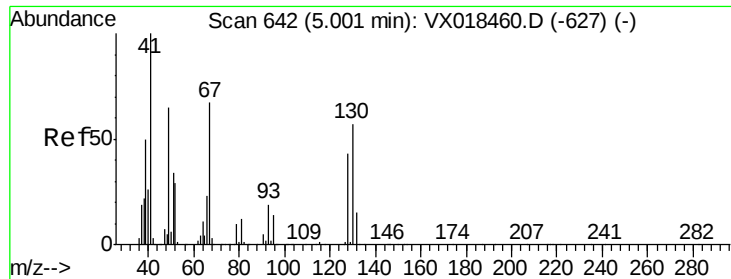
Tot Ion	83.00	Resp	328392
Ion	Ratio	Lower	Upper
83	100		
55	75.0	60.2	90.4
98	46.3	36.4	54.6



#40
Benzene
Concen: 50.785 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion	78.00	Resp	878005
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4

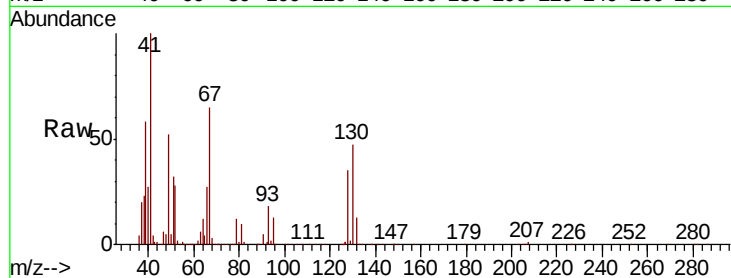




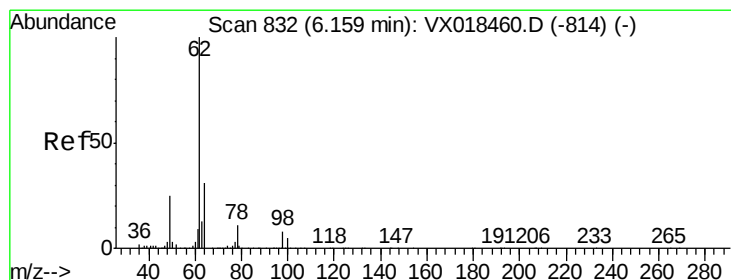
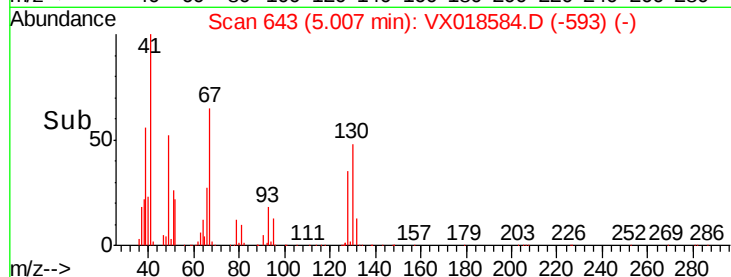
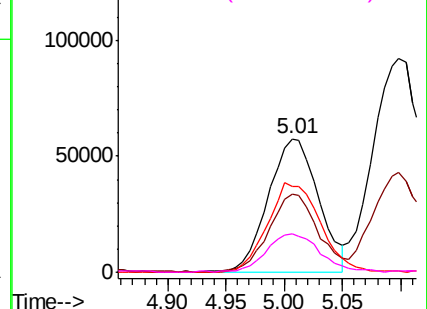
#41
Methacrylonitrile
Concen: 47.952 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

Tot Ion:	41	Resp:	171647
Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.3	67.9
67	70.6	56.7	85.1
52	30.0	23.4	35.0

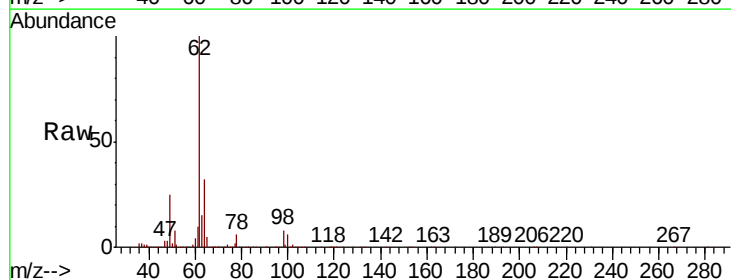


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

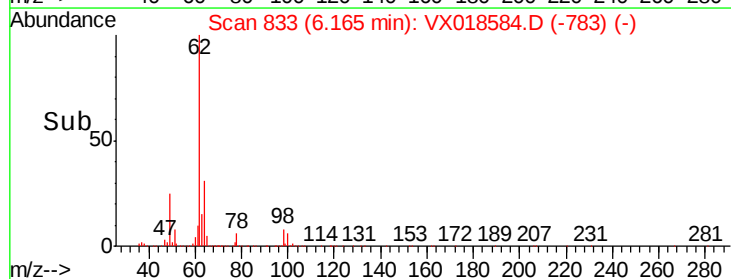
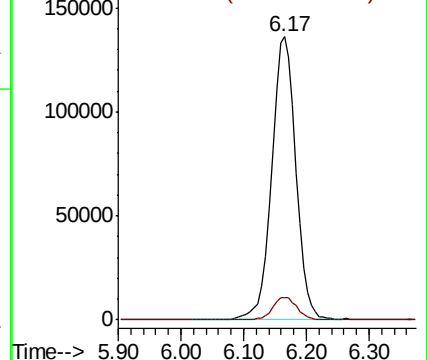


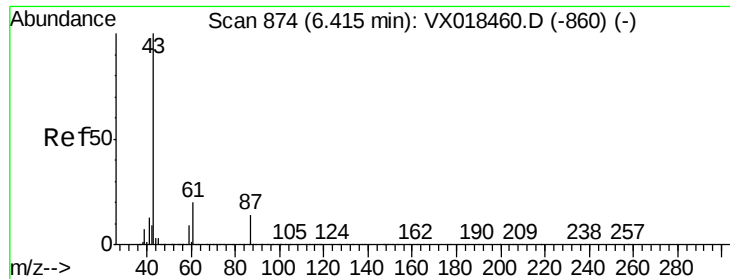
#42
1,2-Dichloroethane
Concen: 53.851 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion:	62	Resp:	362197
Ion	Ratio	Lower	Upper
62	100		
98	8.1	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: 47.152 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

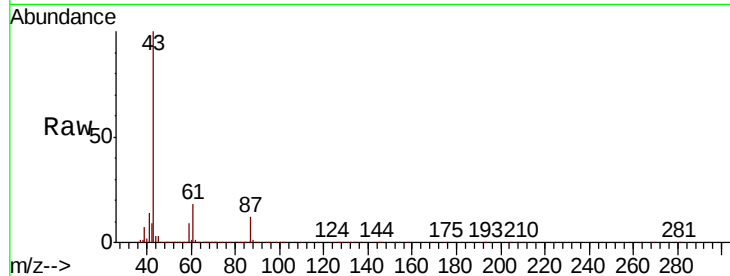
Tot Ion: 43 Resp: 504058

Ion Ratio Lower Upper

43 100

61 19.1 15.7 23.5

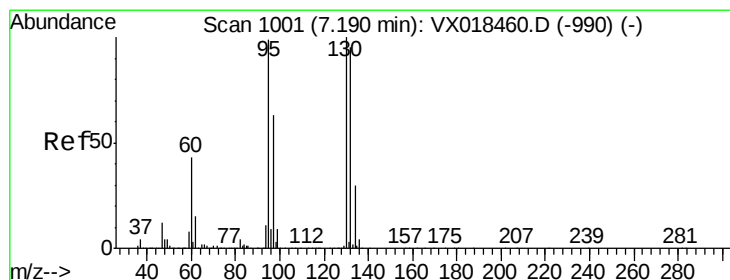
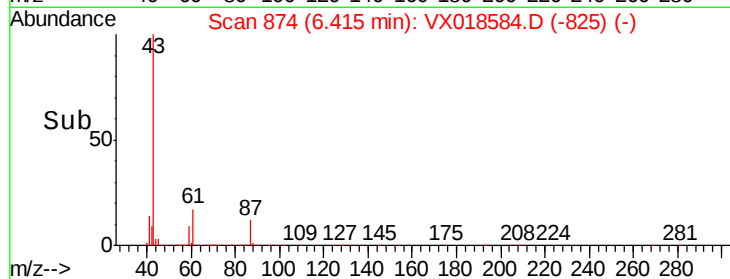
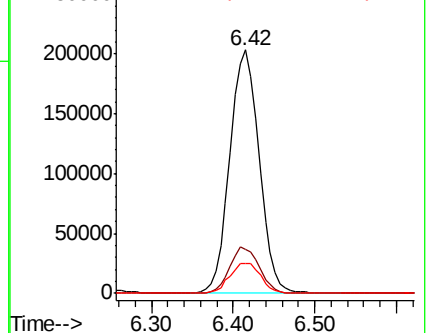
87 13.0 10.4 15.6



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: 342.558 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018584.D

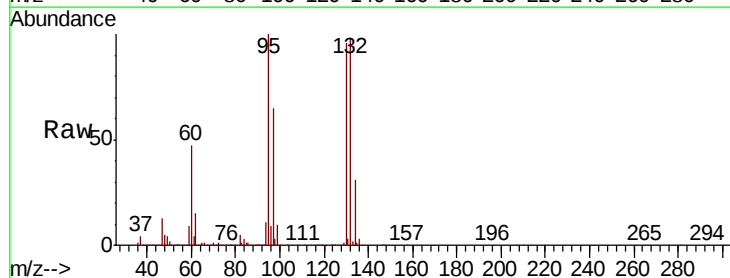
Acq: 24 Sep 2020 19:38

Tgt Ion:130 Resp: 1714443

Ion Ratio Lower Upper

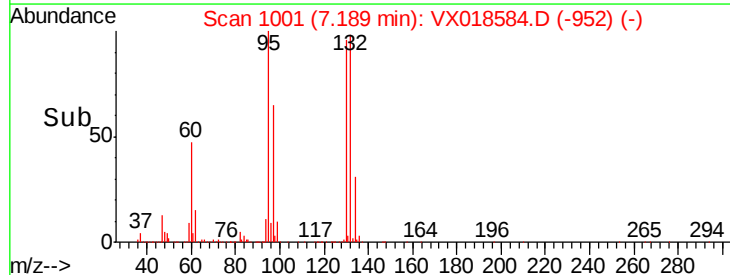
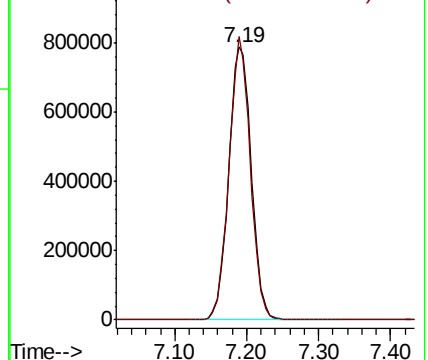
130 100

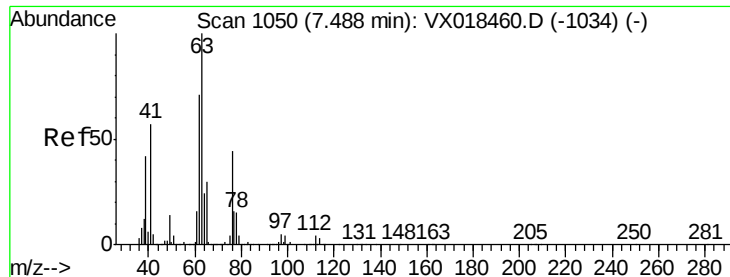
95 103.8 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

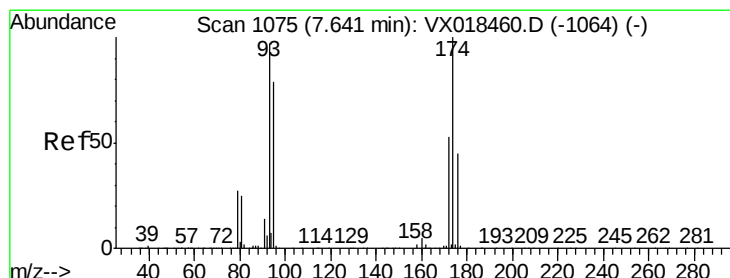
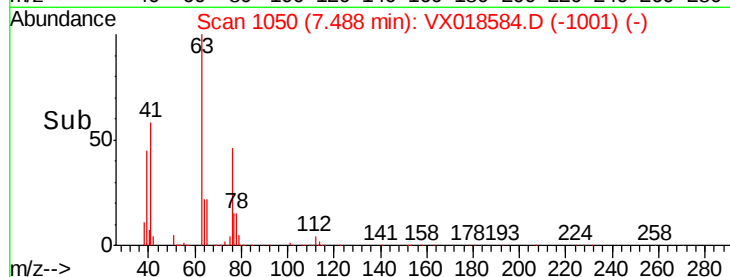
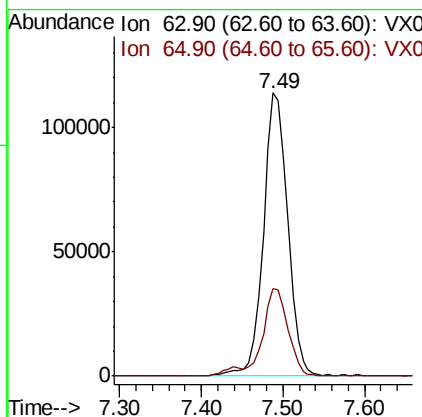
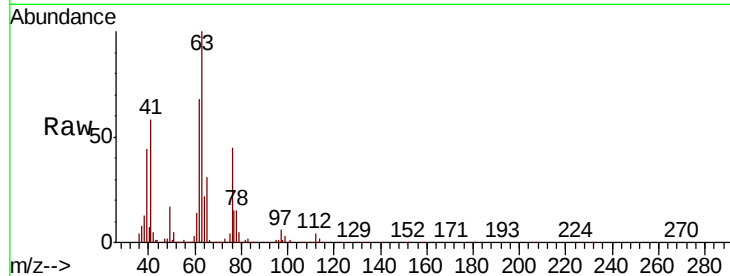




#45
 1,2-Dichloropropane
 Concen: 49.879 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

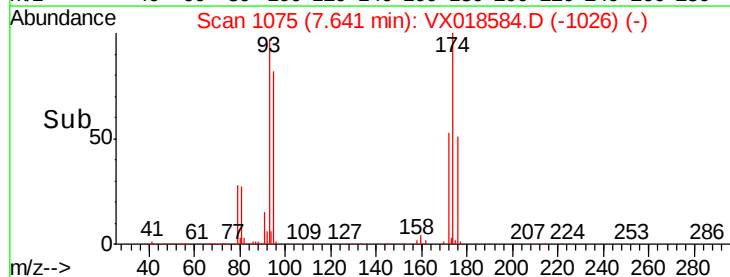
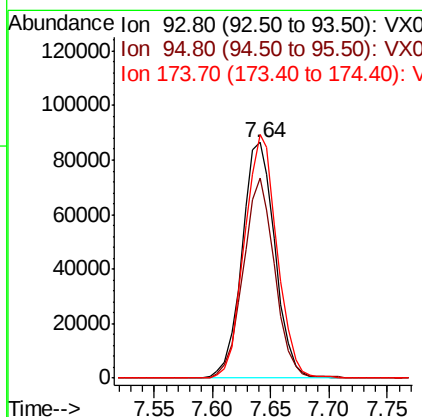
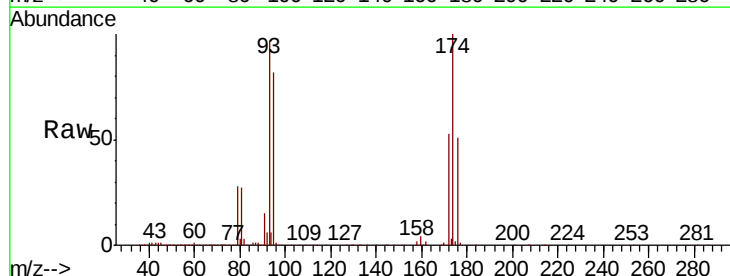
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MSD

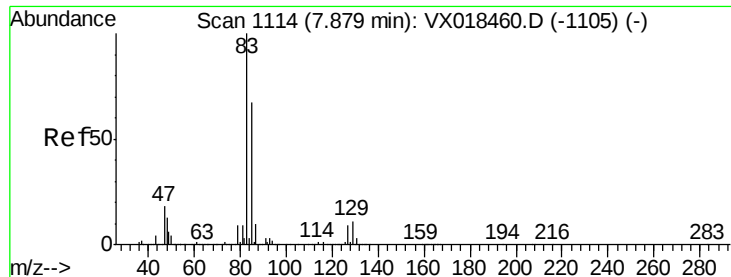
Tot Ion: 63 Resp: 236691
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.1 36.1



#46
 Dibromomethane
 Concen: 52.077 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Tgt Ion: 93 Resp: 169780
 Ion Ratio Lower Upper
 93 100
 95 81.6 65.0 97.4
 174 102.6 82.0 123.0





#47

Bromodichloromethane

Concen: 53.259 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

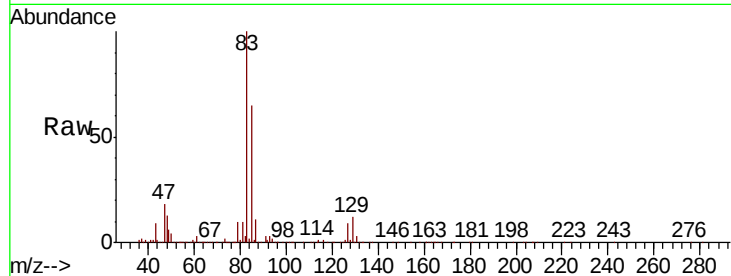
Tot Ion: 83 Resp: 349931

Ion Ratio Lower Upper

83 100

85 64.7 53.3 79.9

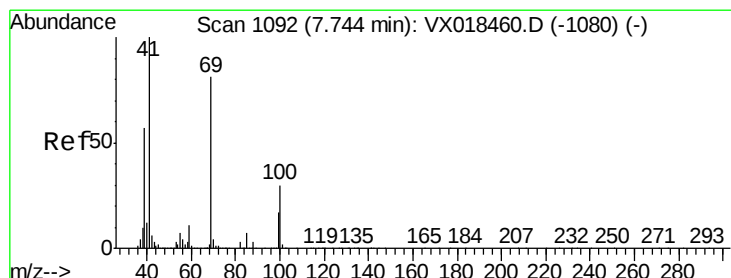
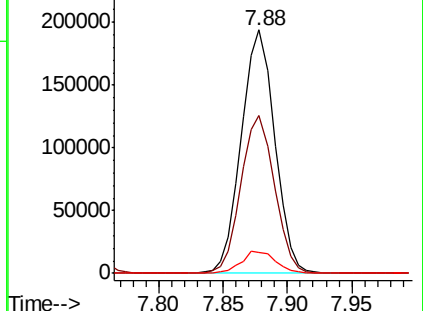
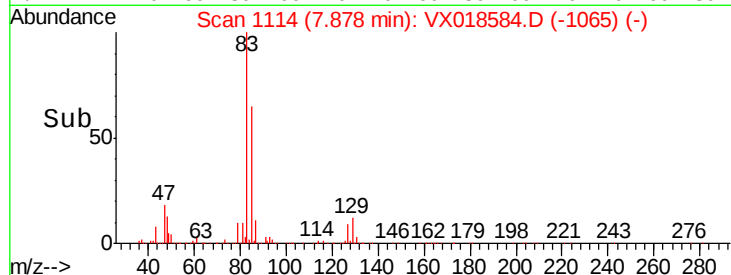
127 8.6 7.4 11.2



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: 49.818 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

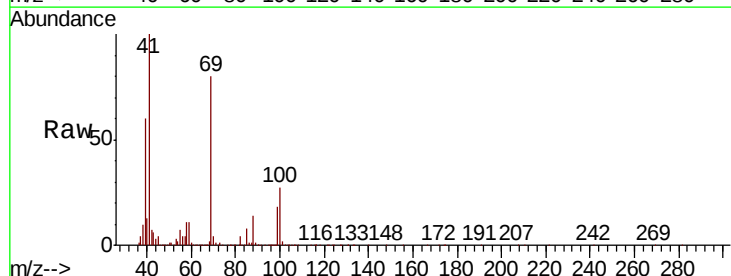
Tgt Ion: 41 Resp: 259217

Ion Ratio Lower Upper

41 100

69 81.9 63.7 95.5

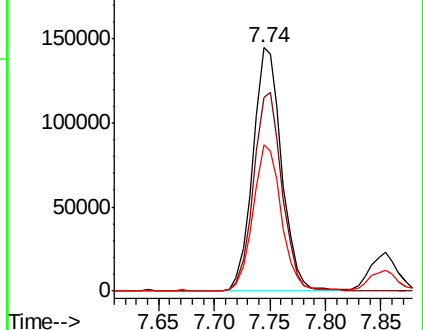
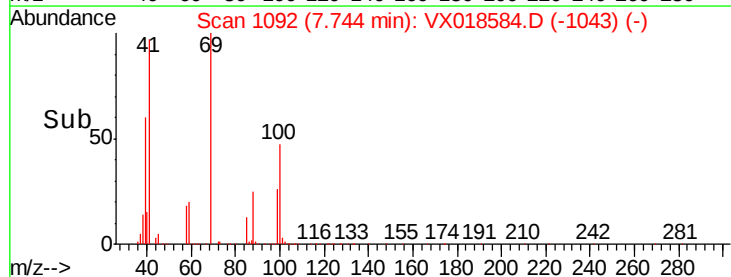
39 59.7 45.0 67.4

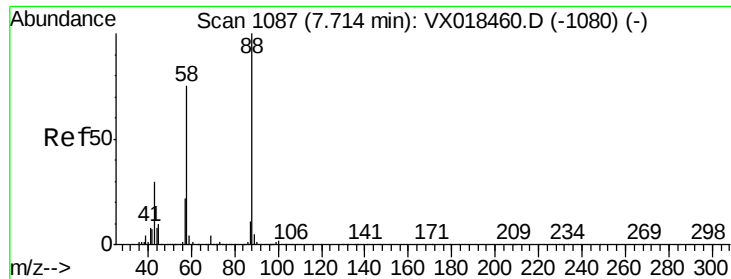


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

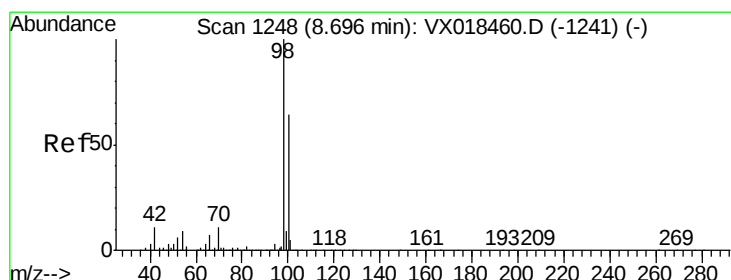
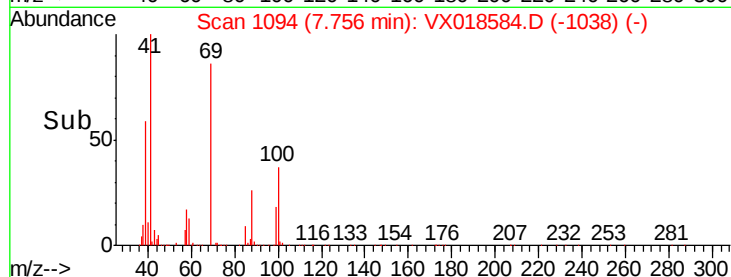
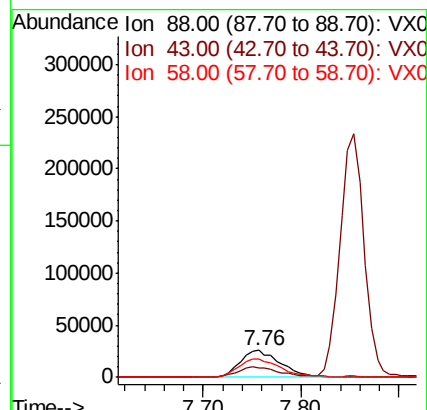
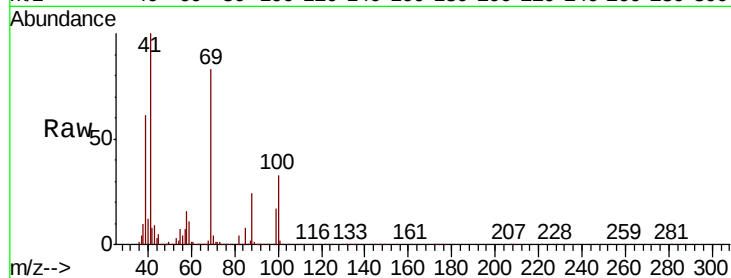




#49
1,4-Dioxane
Concen: 858.470 ug/l
RT: 7.76 min Scan# 1094
Delta R.T. 0.04 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

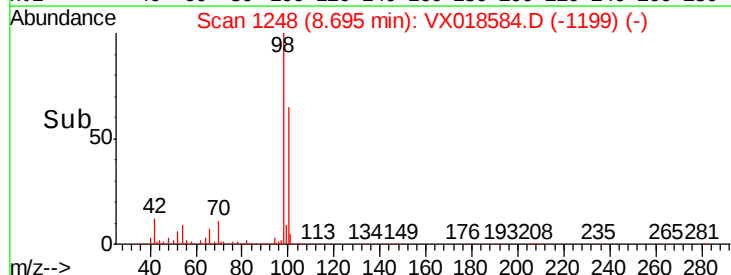
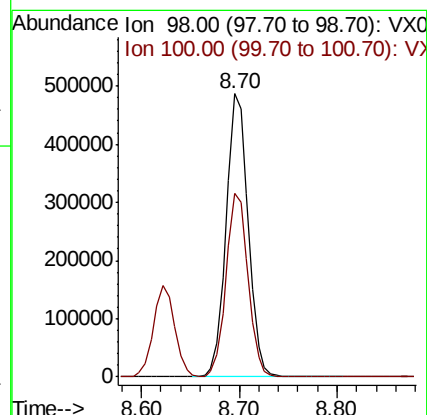
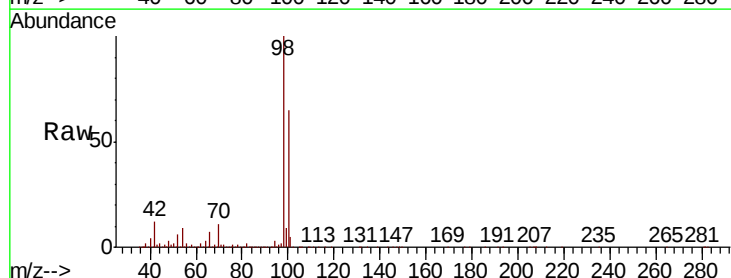
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

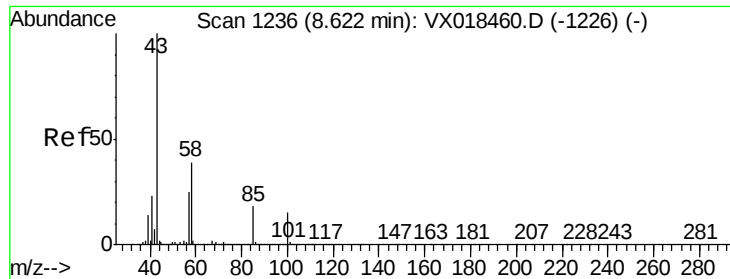
Tot Ion: 88 Resp: 73807
Ion Ratio Lower Upper
88 100
43 37.0 29.9 44.9
58 72.4 59.0 88.6



#50
Toluene-d8
Concen: 48.571 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion: 98 Resp: 758261
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 249.440 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

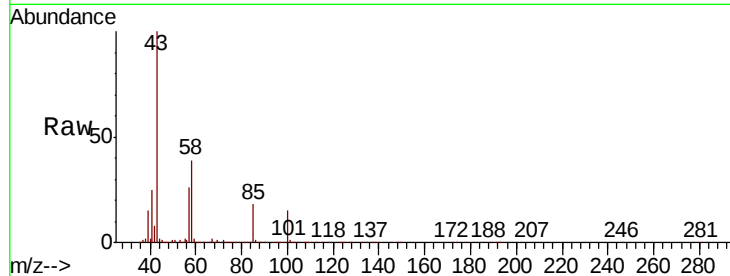
TT180D1-20200921MSD

Tot Ion: 43 Resp: 1587689

Ion Ratio Lower Upper

43 100

58 38.1 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1200000

1000000

800000

600000

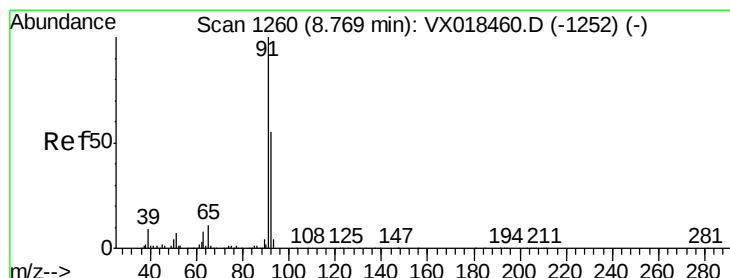
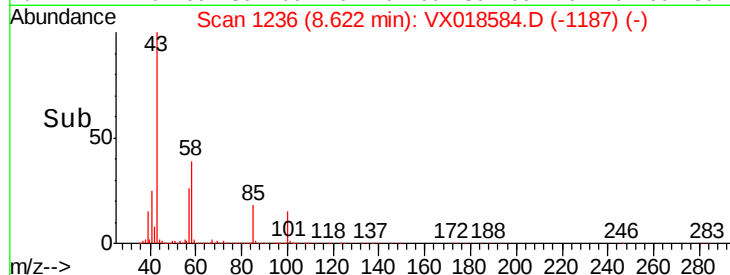
400000

200000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 51.979 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018584.D

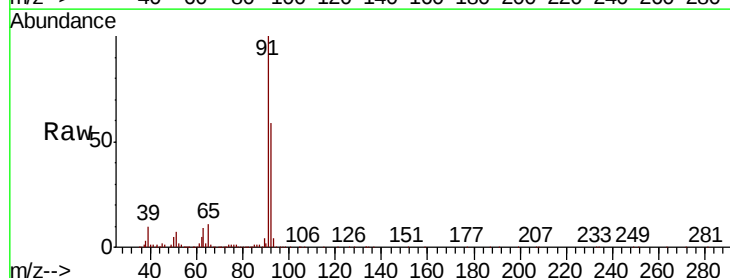
Acq: 24 Sep 2020 19:38

Tgt Ion: 92 Resp: 565497

Ion Ratio Lower Upper

92 100

91 170.6 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

600000

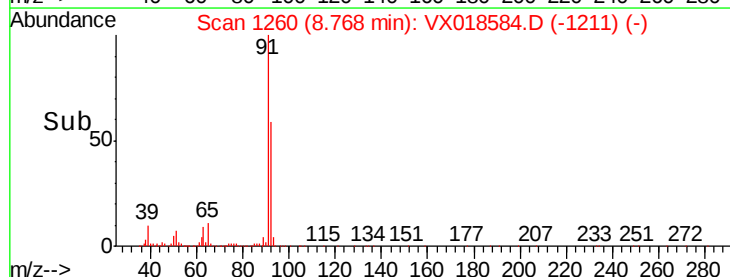
400000

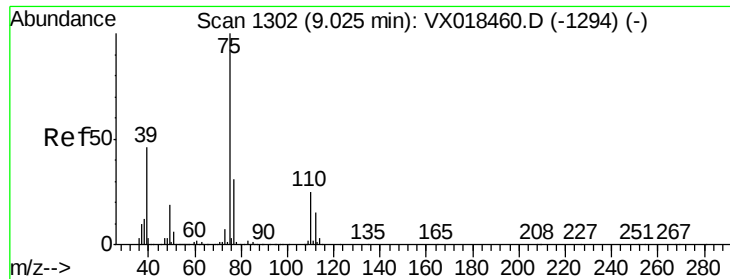
200000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.061 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

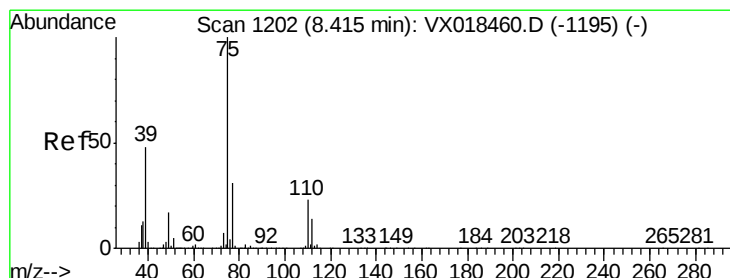
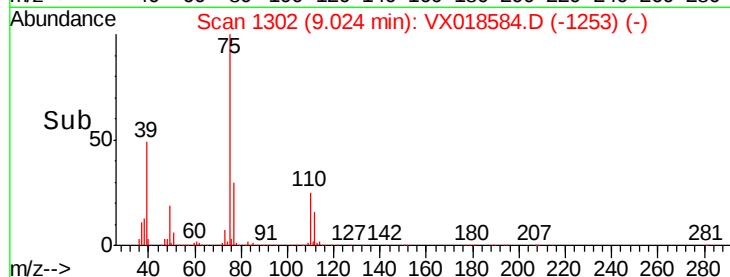
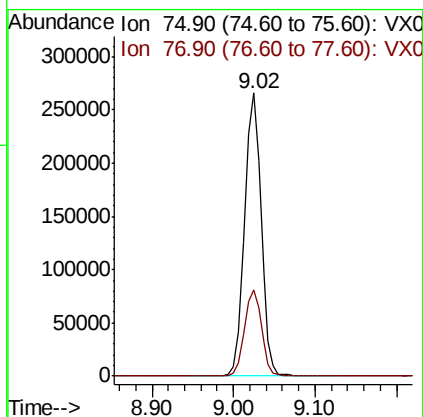
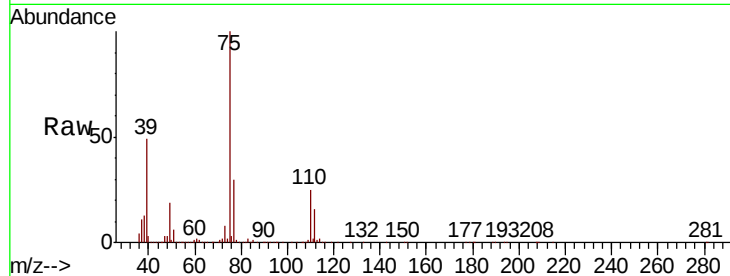
TT180D1-20200921MSD

Tot Ion: 75 Resp: 373744

Ion Ratio Lower Upper

75 100

77 30.5 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 48.466 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

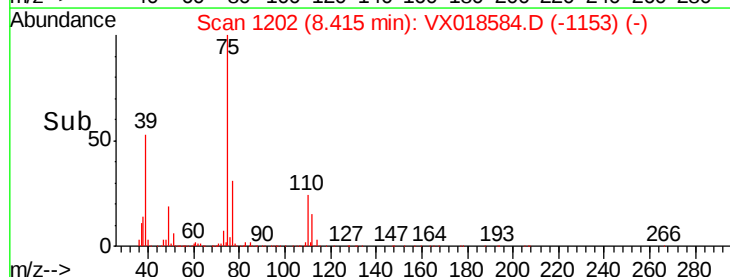
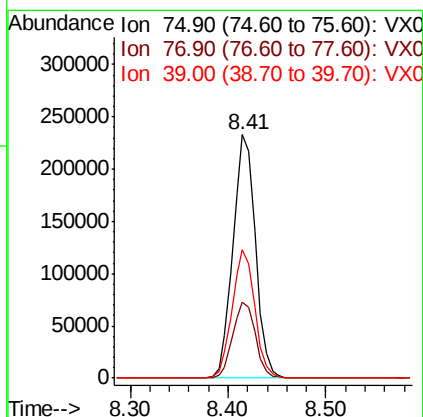
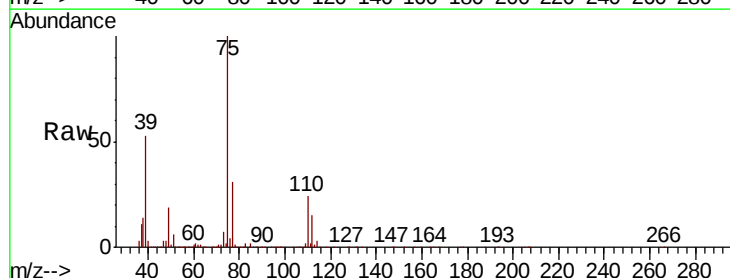
Tgt Ion: 75 Resp: 372762

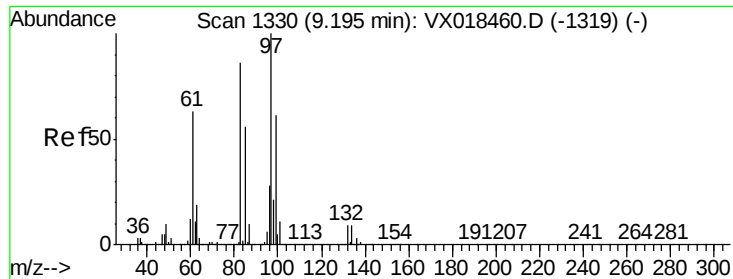
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 52.6 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 53.201 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

Tot Ion: 97 Resp: 240169

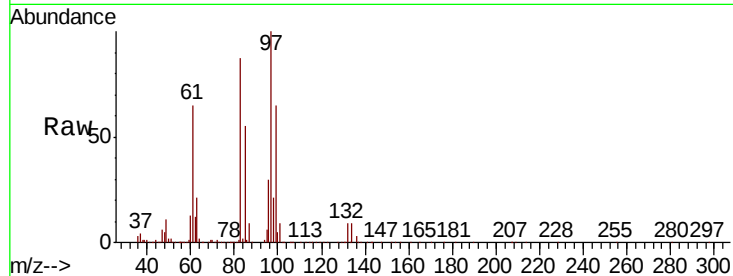
Ion Ratio Lower Upper

97 100

83 87.3 68.5 102.7

85 55.0 44.8 67.2

99 64.7 48.9 73.3

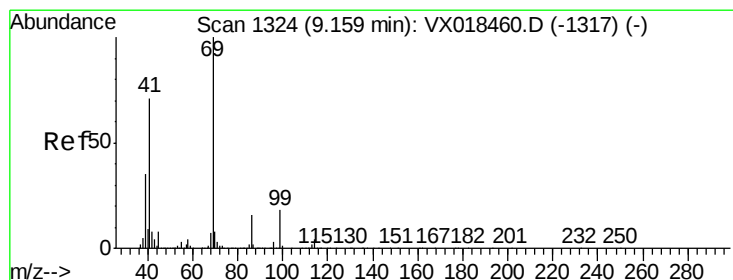
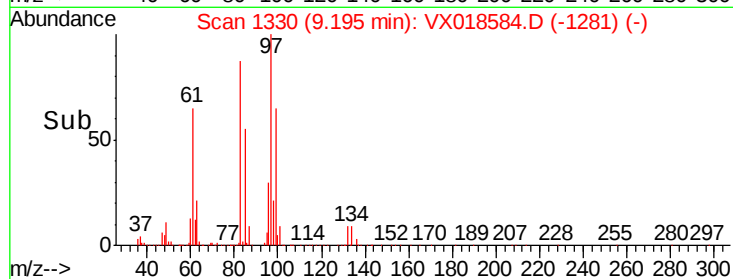
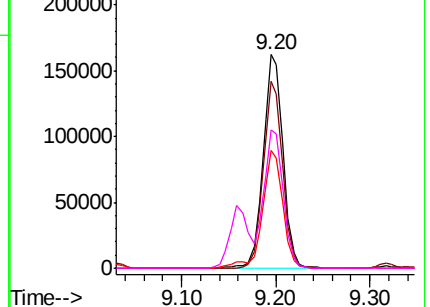


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.526 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

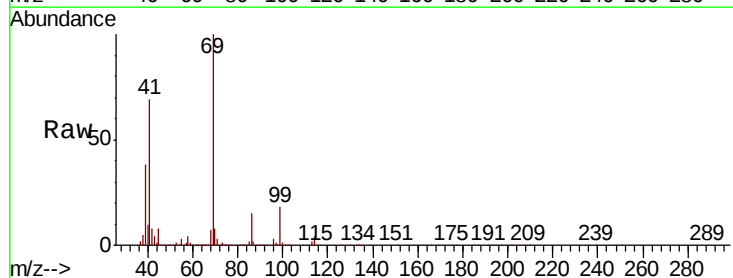
Tgt Ion: 69 Resp: 344899

Ion Ratio Lower Upper

69 100

41 69.2 54.6 81.8

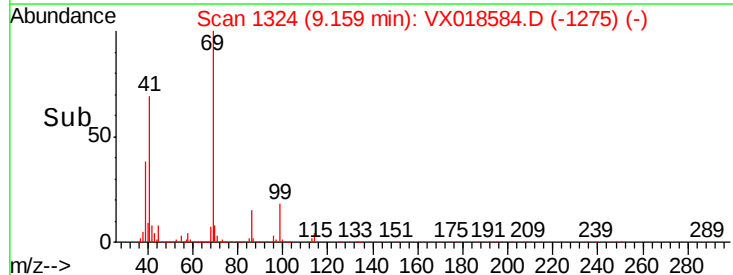
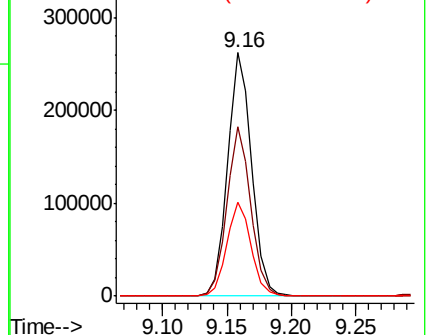
39 38.9 29.3 43.9

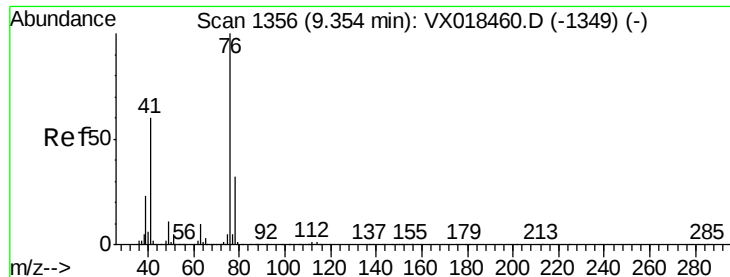


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.132 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

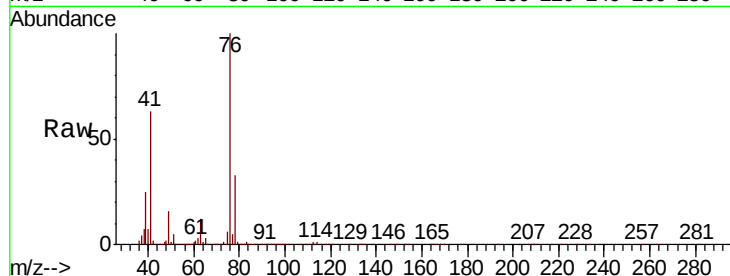
TT180D1-20200921MSD

Tot Ion: 76 Resp: 387818

Ion Ratio Lower Upper

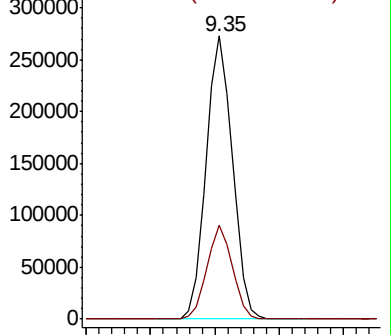
76 100

78 32.2 25.6 38.4

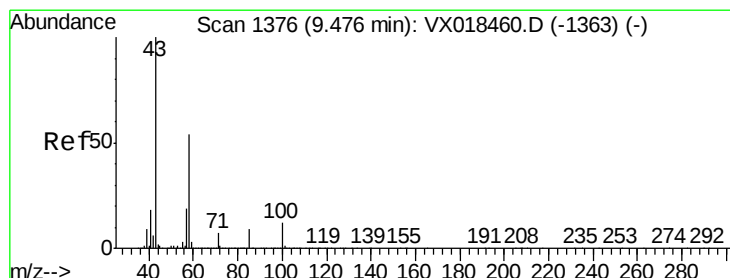
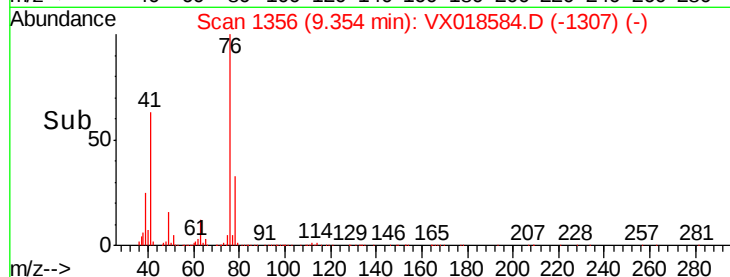


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time--> 9.25 9.30 9.35 9.40 9.45



#59

2-Hexanone

Concen: 249.132 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018584.D

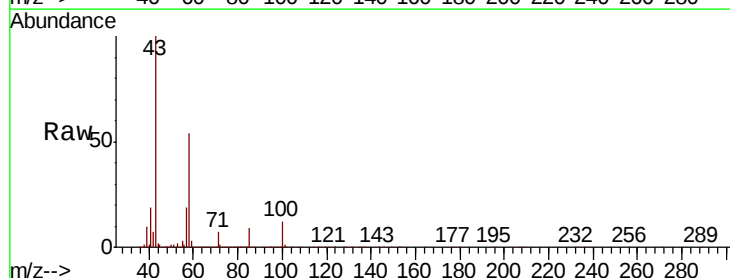
Acq: 24 Sep 2020 19:38

Tgt Ion: 43 Resp: 1206119

Ion Ratio Lower Upper

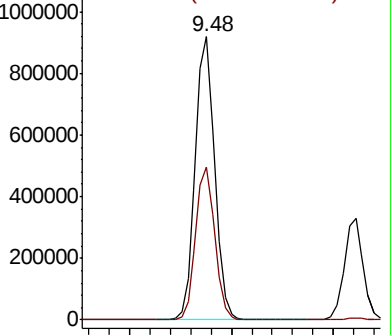
43 100

58 53.2 26.5 79.4

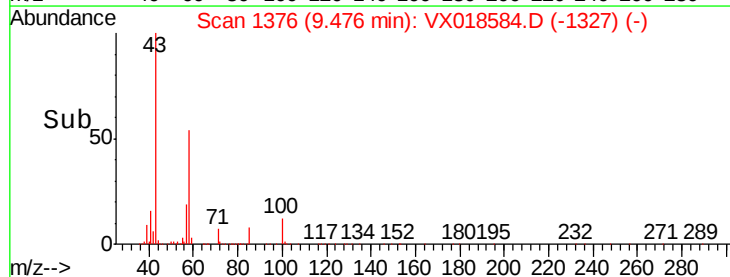


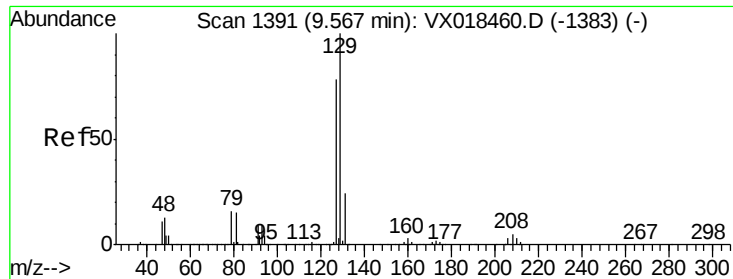
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time--> 9.40 9.50 9.60

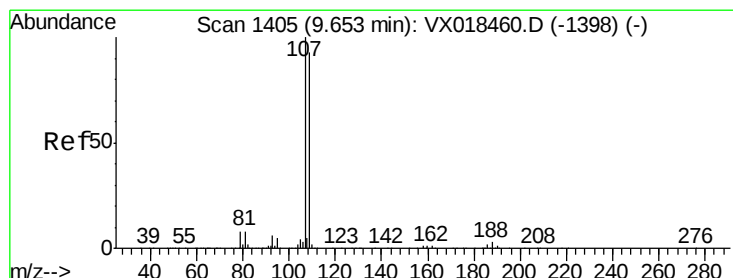
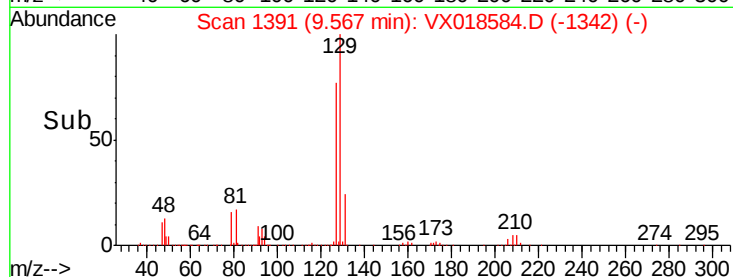
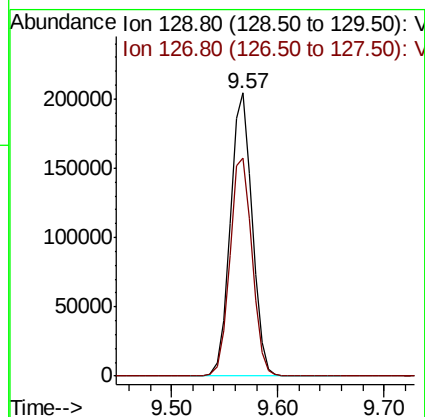
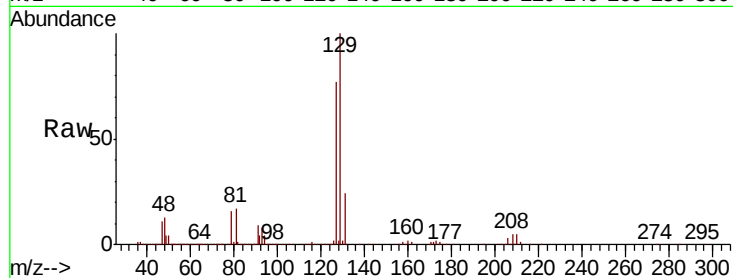




#60
 Dibromochloromethane
 Concen: 54.703 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

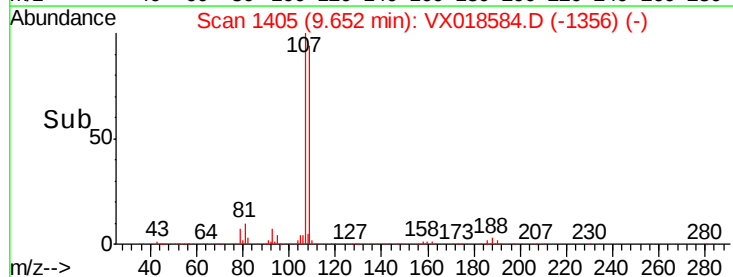
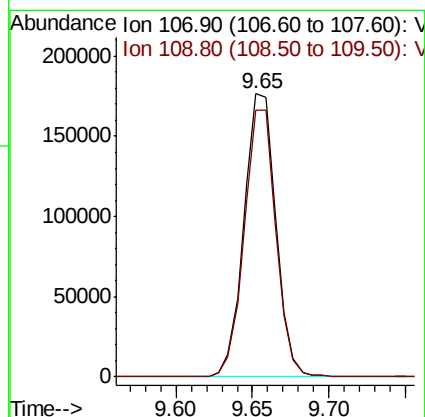
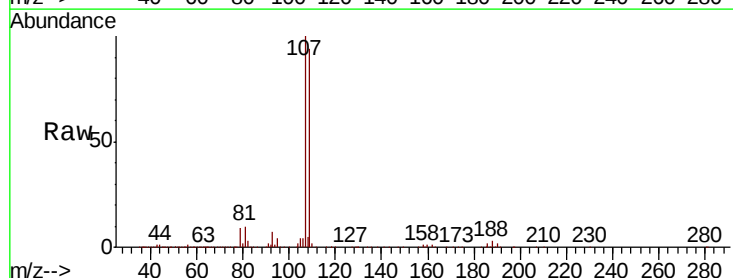
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MSD

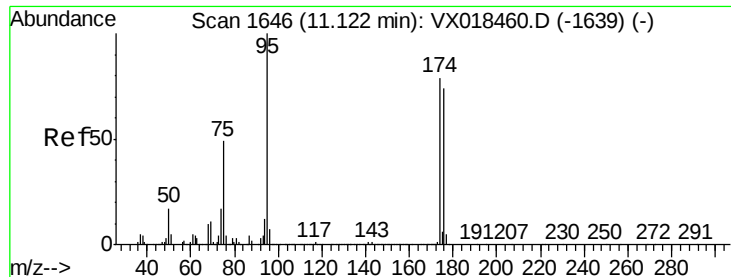
Tot Ion:129 Resp: 294460
 Ion Ratio Lower Upper
 129 100
 127 78.2 39.0 117.0



#61
 1,2-Dibromoethane
 Concen: 53.271 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Tgt Ion:107 Resp: 255873
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.9 113.9





#62

4-Bromofluorobenzene

Concen: 47.770 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

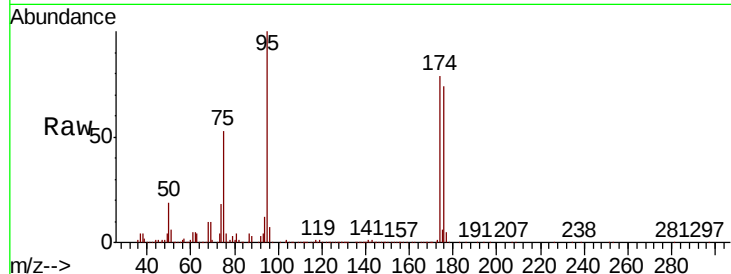
Tot Ion: 95 Resp: 296645

Ion Ratio Lower Upper

95 100

174 78.9 0.0 161.4

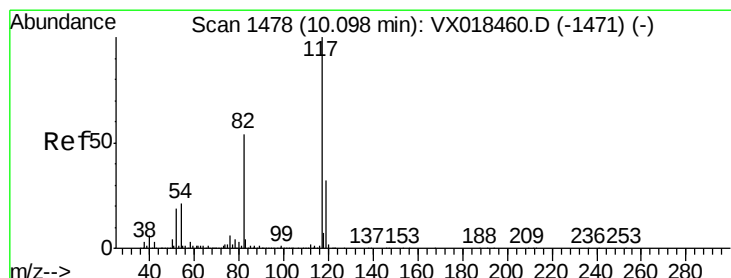
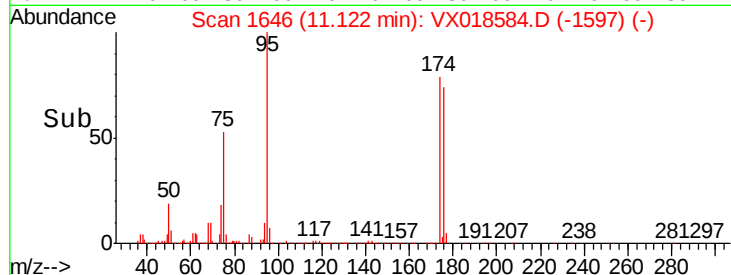
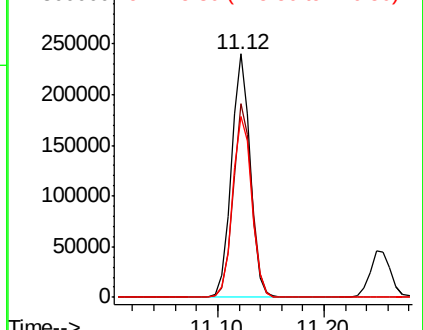
176 76.3 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX018584.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX018584.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX018584.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

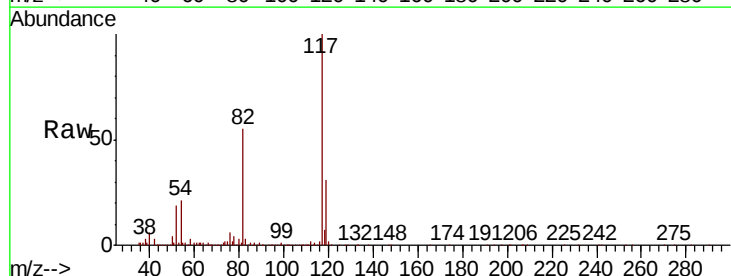
Tgt Ion: 117 Resp: 598524

Ion Ratio Lower Upper

117 100

82 54.8 43.3 64.9

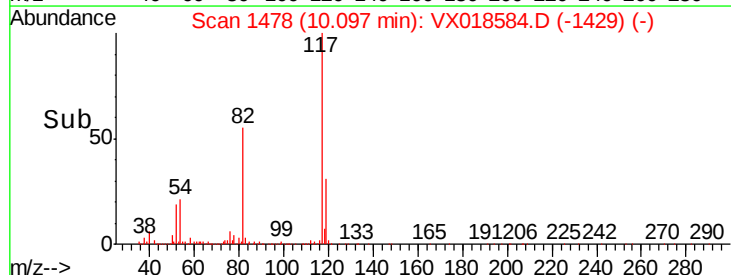
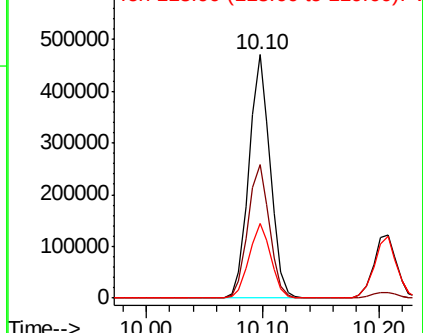
119 30.8 25.9 38.9

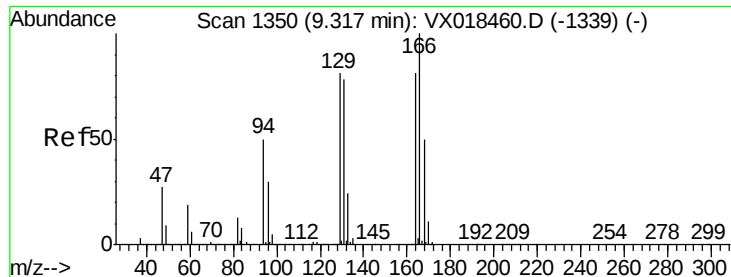


Abundance Ion 116.90 (116.60 to 117.60): VX018584.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX018584.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX018584.D (-1429) (-)





#64

Tetrachloroethene

Concen: 48.202 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

Tot Ion:164 Resp: 227134

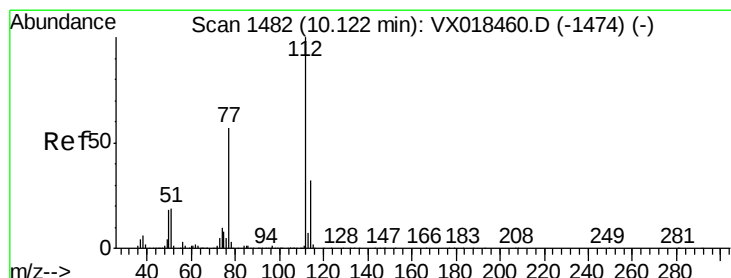
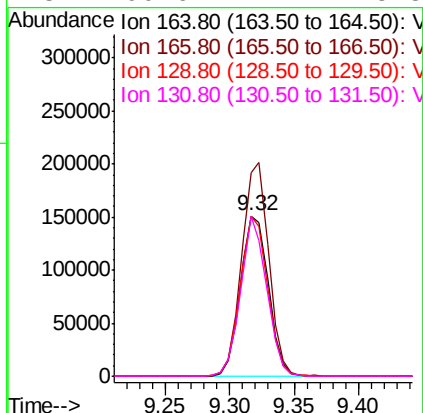
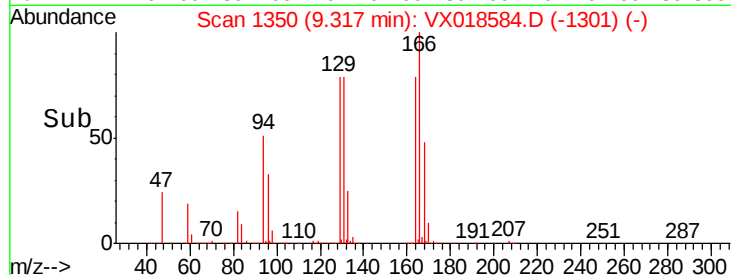
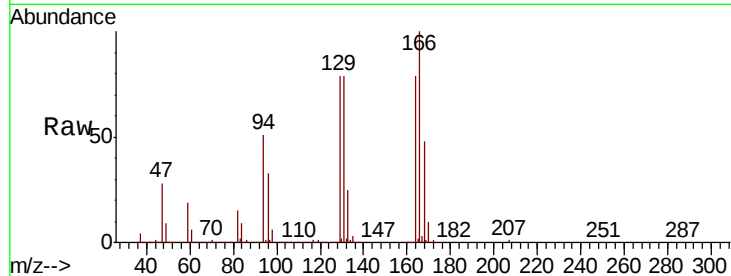
Ion Ratio Lower Upper

164 100

166 126.8 99.3 148.9

129 99.7 80.7 121.1

131 99.6 77.2 115.8



#65

Chlorobenzene

Concen: 50.463 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018584.D

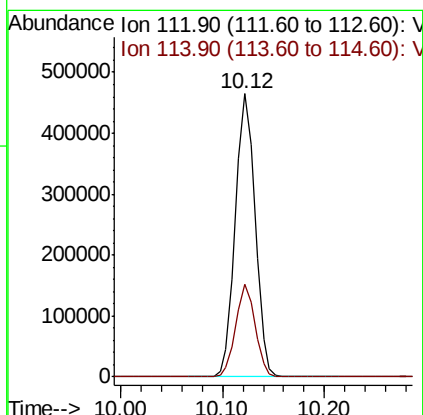
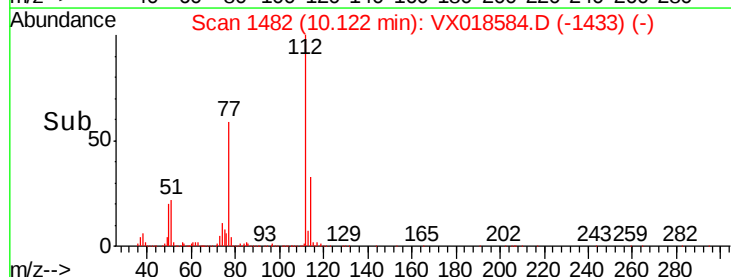
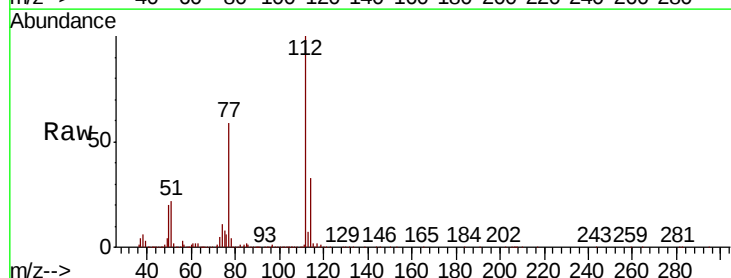
Acq: 24 Sep 2020 19:38

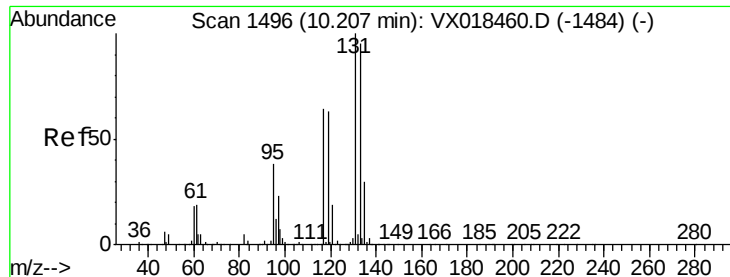
Tgt Ion:112 Resp: 621929

Ion Ratio Lower Upper

112 100

114 32.7 25.4 38.0





#66

1,1,1,2-Tetrachloroethane

Concen: 51.812 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

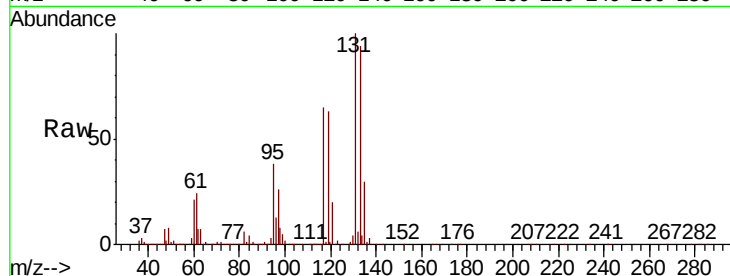
Tot Ion:131 Resp: 256161

Ion Ratio Lower Upper

131 100

133 94.4 47.8 143.4

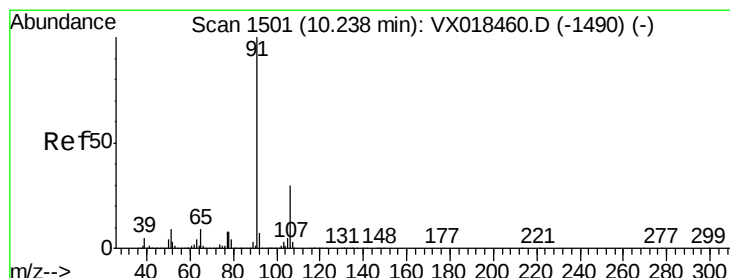
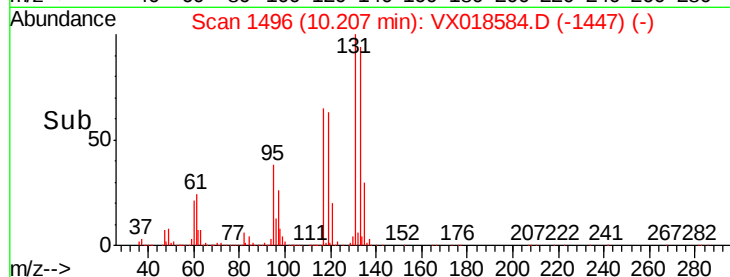
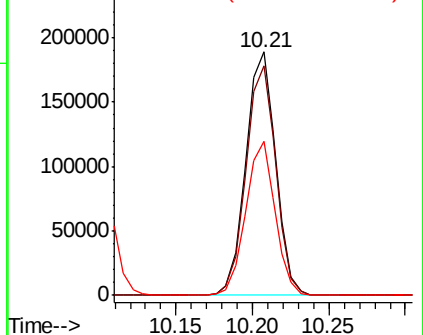
119 62.0 31.9 95.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 51.198 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018584.D

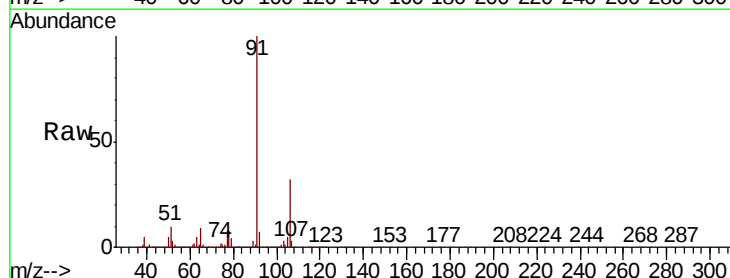
Acq: 24 Sep 2020 19:38

Tgt Ion: 91 Resp: 1092174

Ion Ratio Lower Upper

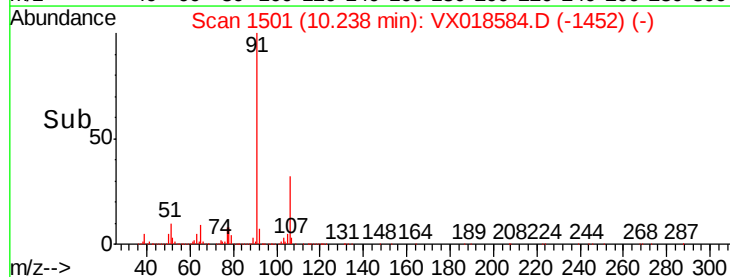
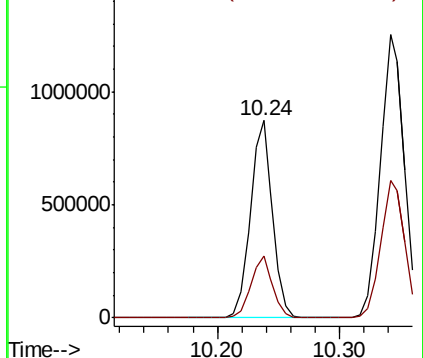
91 100

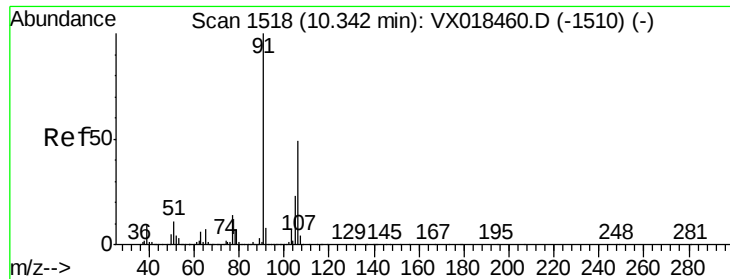
106 31.6 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 102.513 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

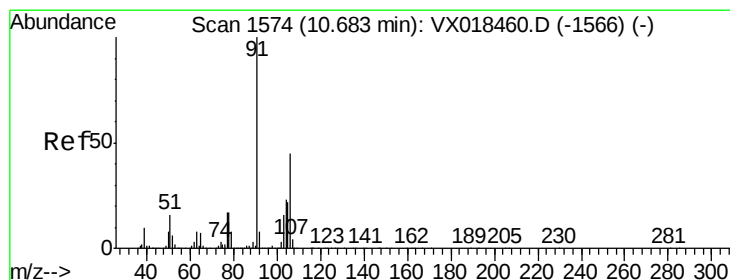
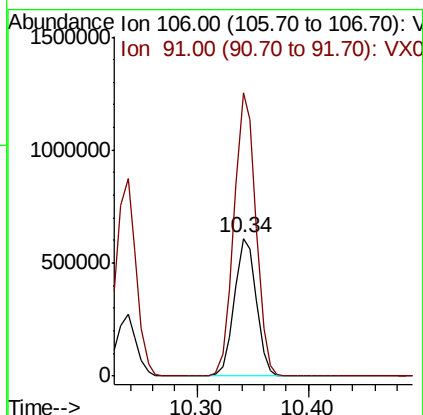
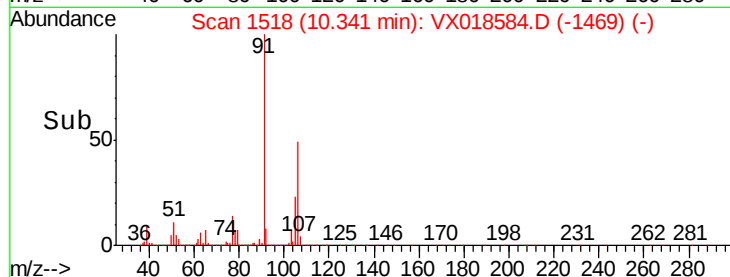
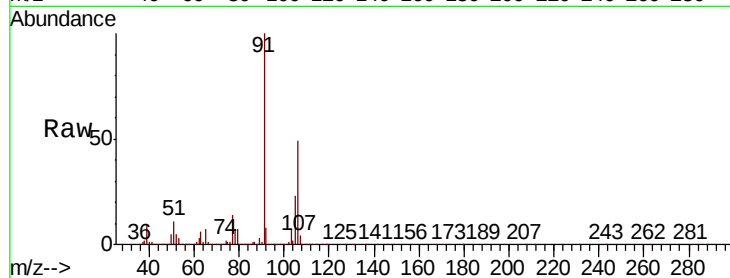
TT180D1-20200921MSD

Tot Ion:106 Resp: 827244

Ion Ratio Lower Upper

106 100

91 205.9 163.8 245.6



#69

o-Xylene

Concen: 52.116 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018584.D

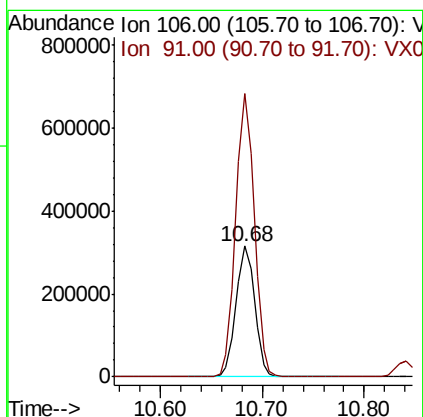
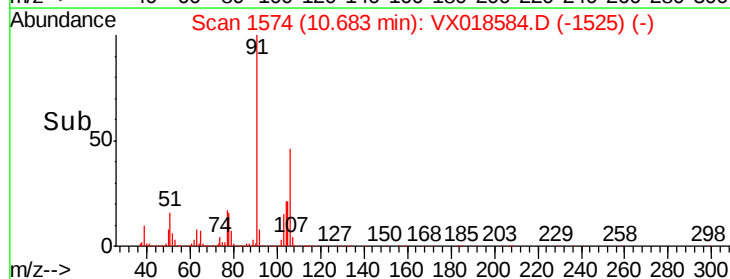
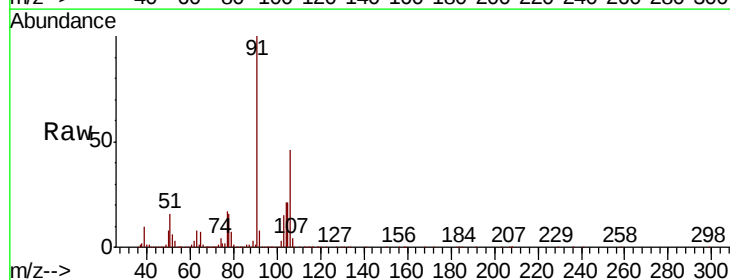
Acq: 24 Sep 2020 19:38

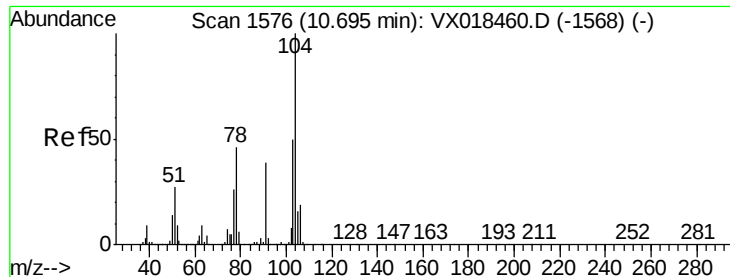
Tgt Ion:106 Resp: 398241

Ion Ratio Lower Upper

106 100

91 215.0 109.7 329.0

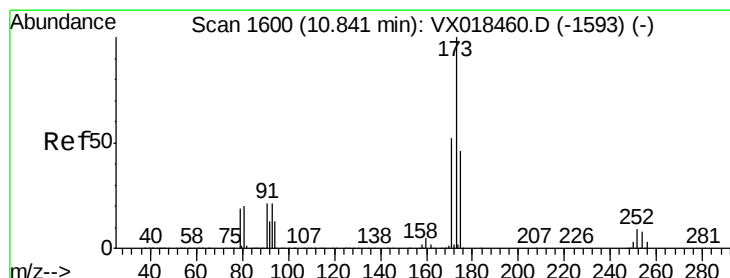
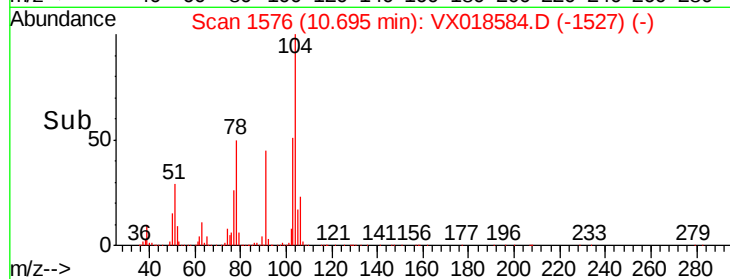
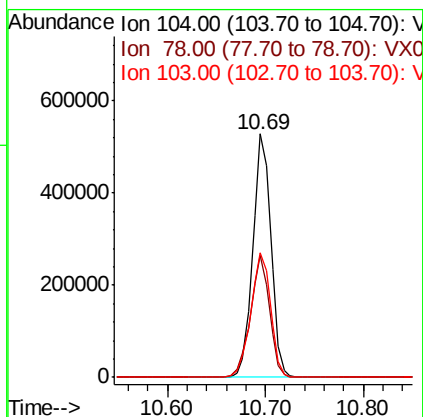
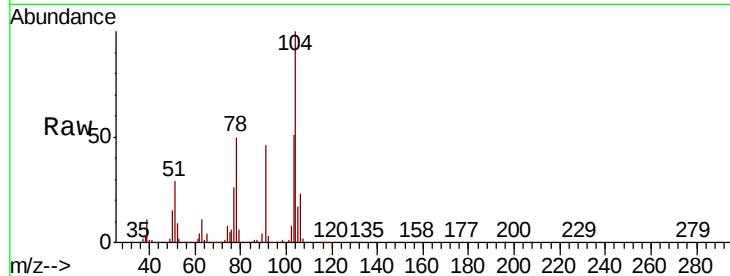




#70
Stvrene
Concen: 51.669 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

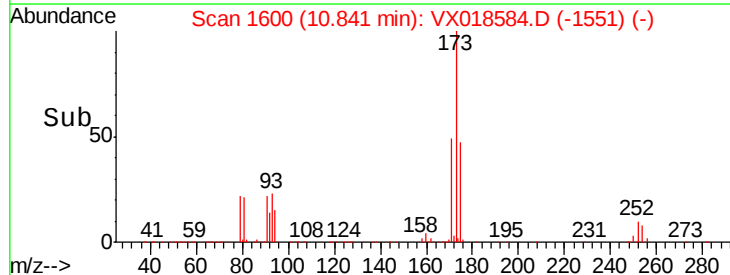
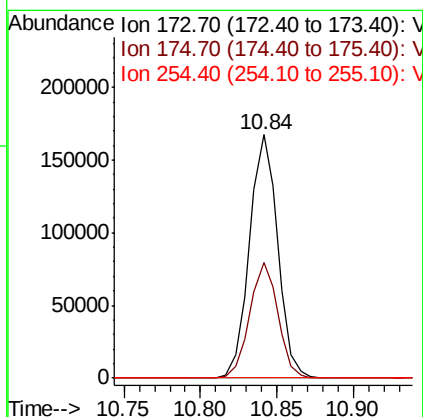
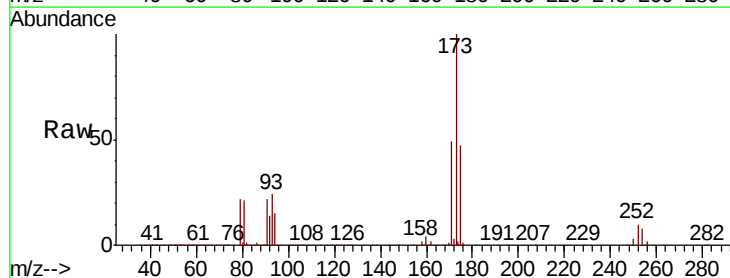
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

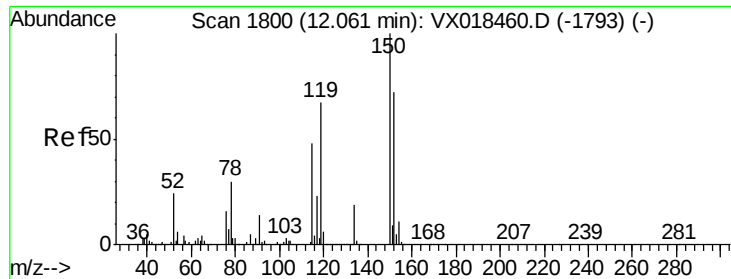
Tot Ion	Ratio	Lower	Upper
104	100		
78	52.8	40.5	60.7
103	55.8	43.2	64.8



#71
Bromoform
Concen: 51.777 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.5	23.6	70.8
254	0.2	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

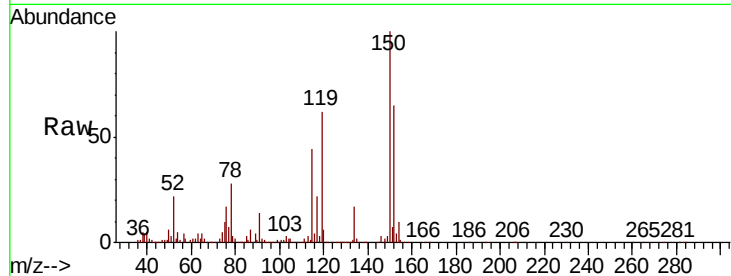
Tot Ion:152 Resp: 324622

Ion Ratio Lower Upper

152 100

115 82.2 41.8 125.4

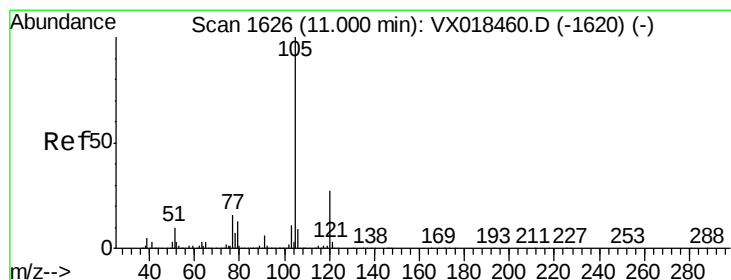
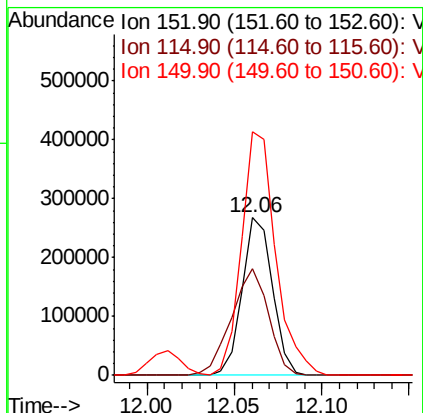
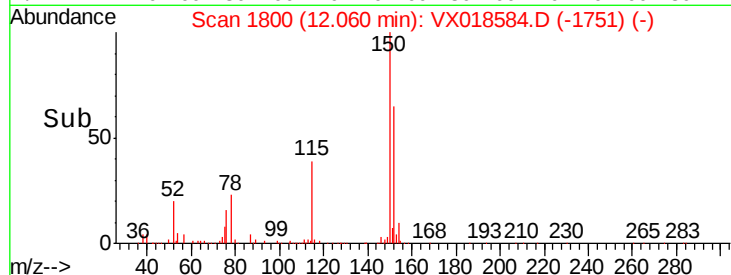
150 172.7 0.0 342.4



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: 49.741 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX018584.D

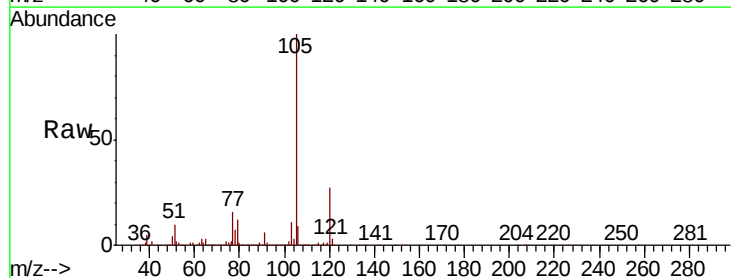
Acq: 24 Sep 2020 19:38

Tgt Ion:105 Resp: 1078695

Ion Ratio Lower Upper

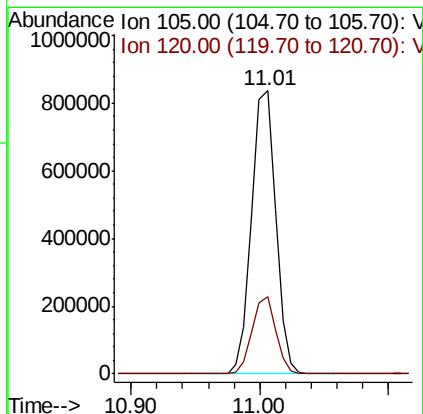
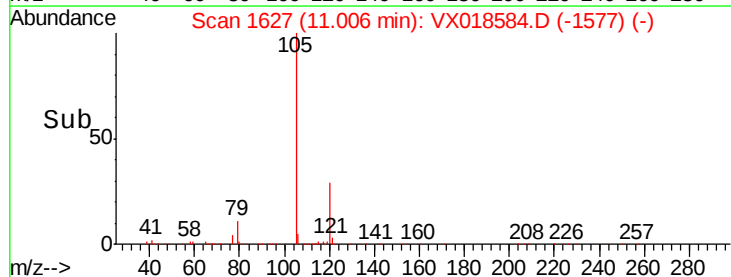
105 100

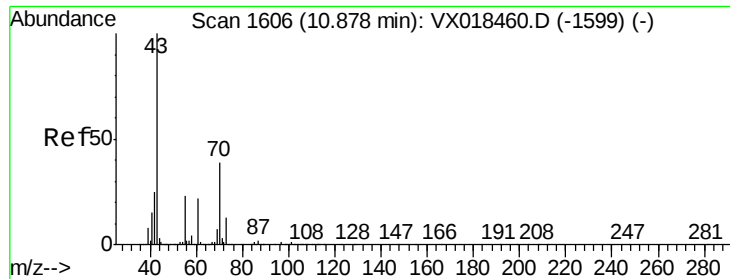
120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

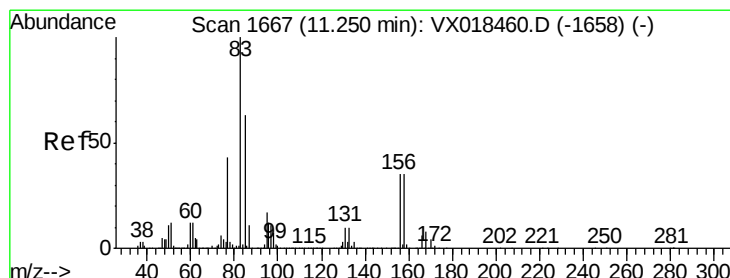
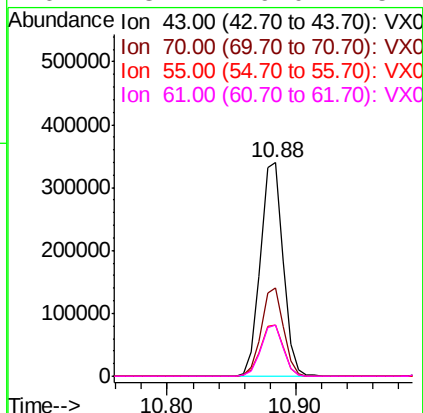
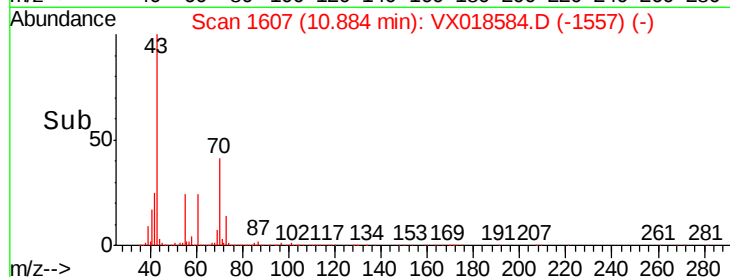
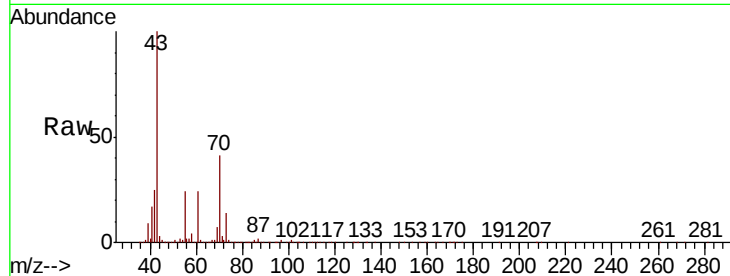




#74
N-amvl acetate
Concen: 42.143 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

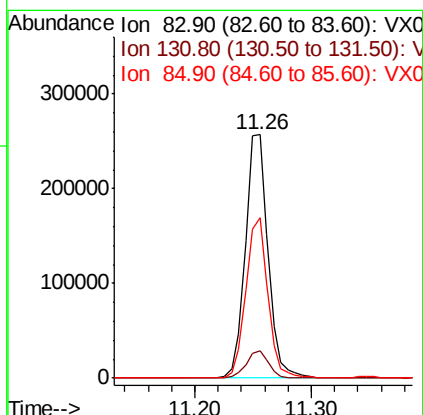
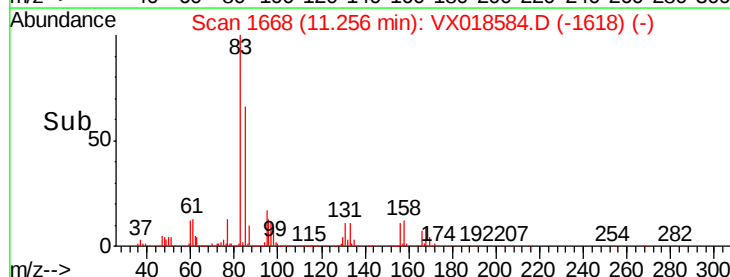
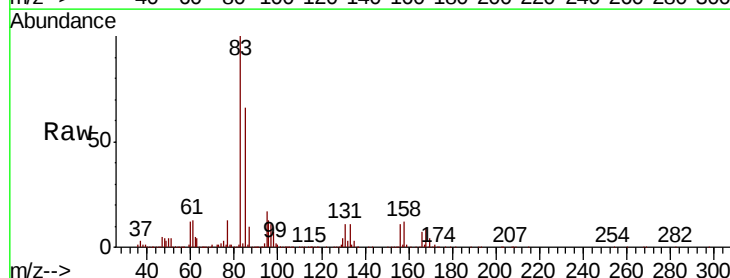
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

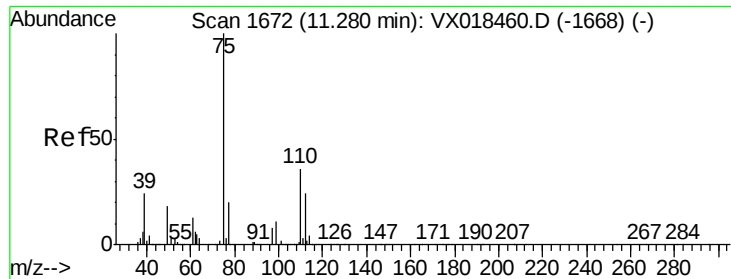
Tot Ion: 43 Resp: 411444
Ion Ratio Lower Upper
43 100
70 40.4 32.2 48.4
55 24.6 18.8 28.2
61 23.4 19.0 28.4



#75
1,1,2,2-Tetrachloroethane
Concen: 49.021 ug/l
RT: 11.26 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion: 83 Resp: 351873
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.4
85 64.4 31.8 95.4

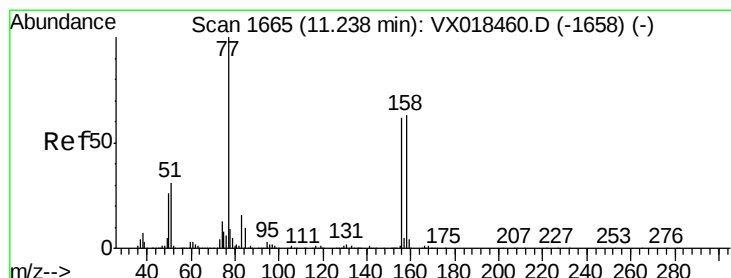
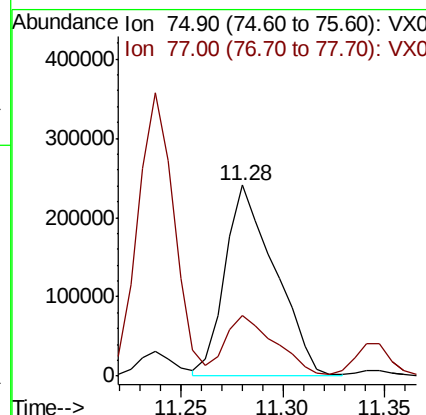
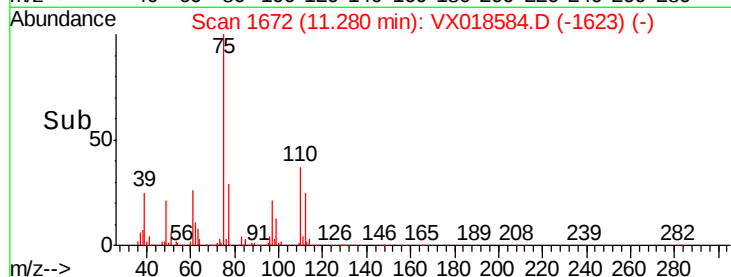
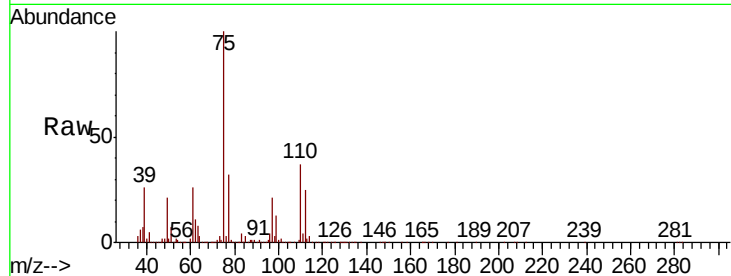




#76
 1,2,3-Trichloropropane
 Concen: 60.186 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

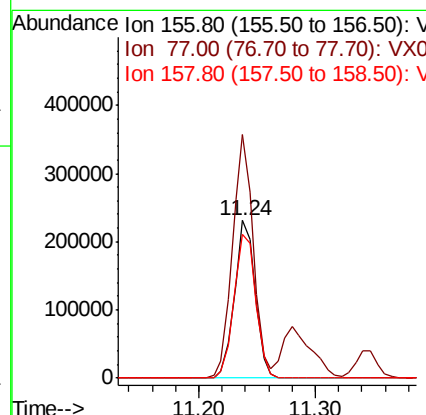
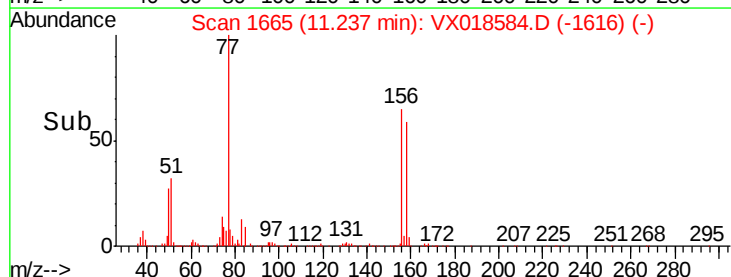
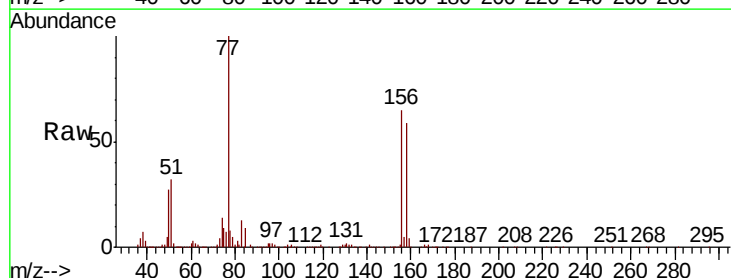
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MSD

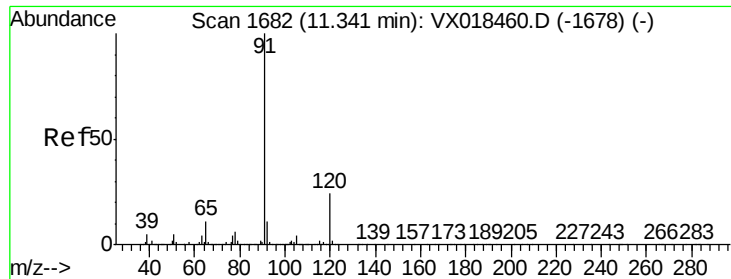
Tot Ion: 75 Resp: 410572
 Ion Ratio Lower Upper
 75 100
 77 31.5 20.9 62.7



#77
 Bromobenzene
 Concen: 47.928 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Tgt Ion: 156 Resp: 286778
 Ion Ratio Lower Upper
 156 100
 77 154.0 78.8 236.5
 158 96.3 48.4 145.3





#78

n-propylbenzene

Concen: 48.621 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

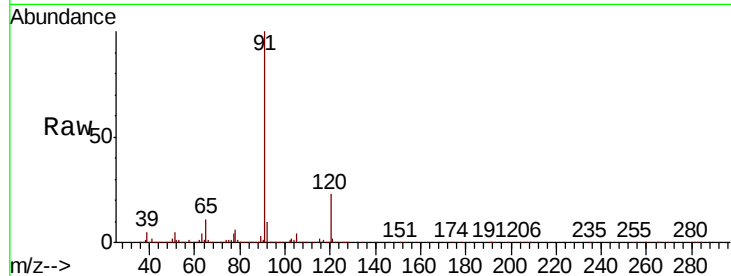
TT180D1-20200921MSD

Tot Ion: 91 Resp: 1234193

Ion Ratio Lower Upper

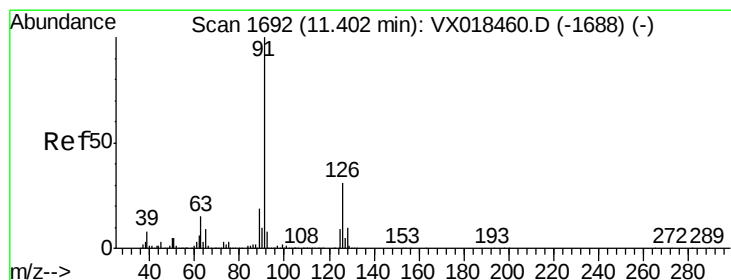
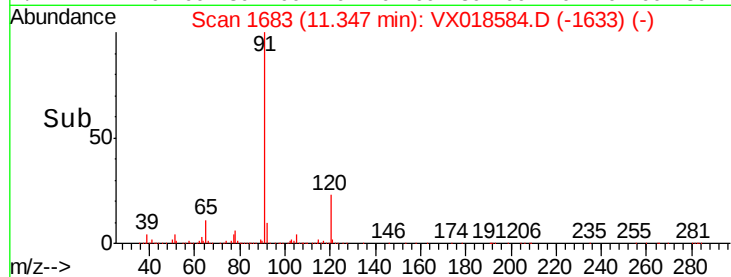
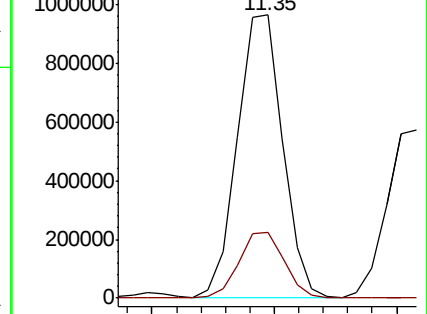
91 100

120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 48.346 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX018584.D

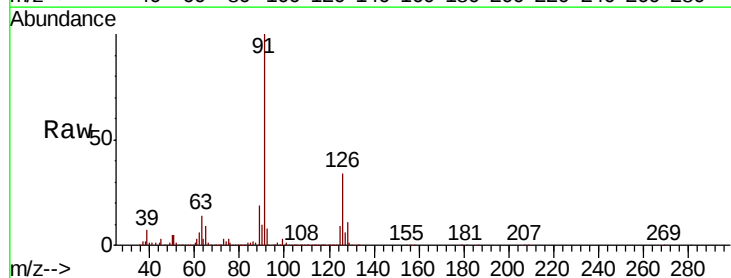
Acq: 24 Sep 2020 19:38

Tgt Ion: 91 Resp: 742846

Ion Ratio Lower Upper

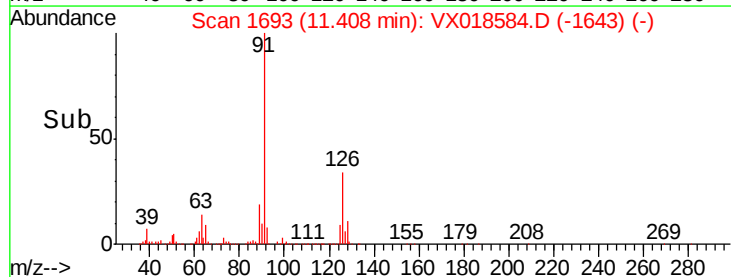
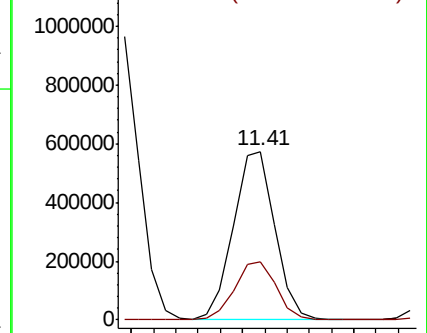
91 100

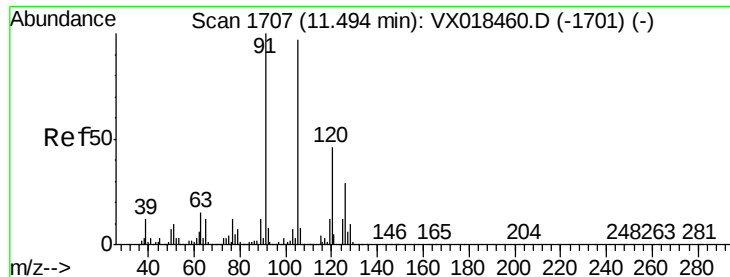
126 34.5 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 50.002 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

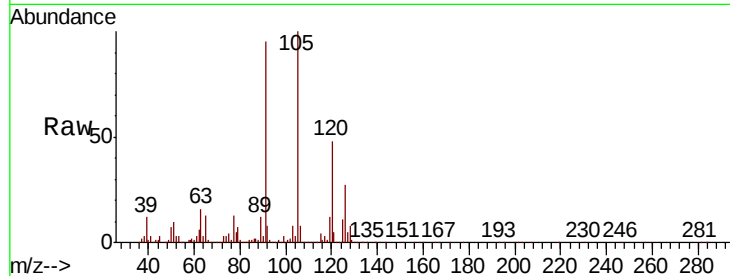
TT180D1-20200921MSD

Tot Ion:105 Resp: 927341

Ion Ratio Lower Upper

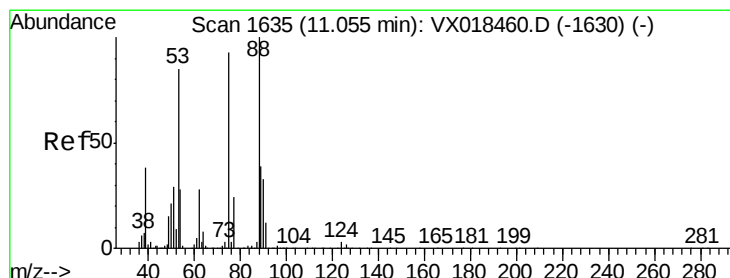
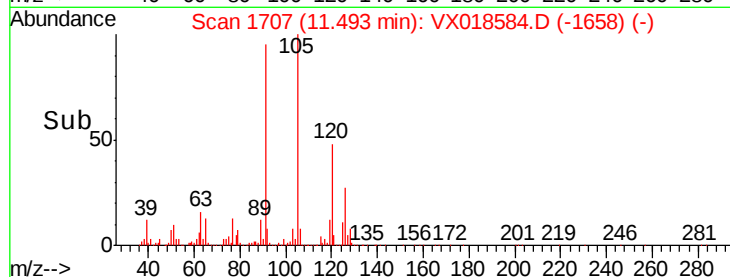
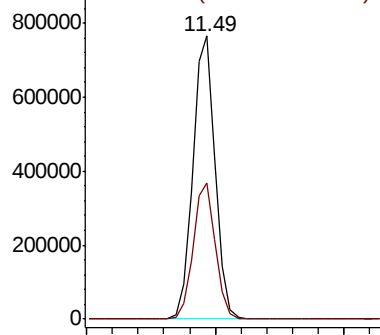
105 100

120 47.7 23.6 71.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 43.153 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

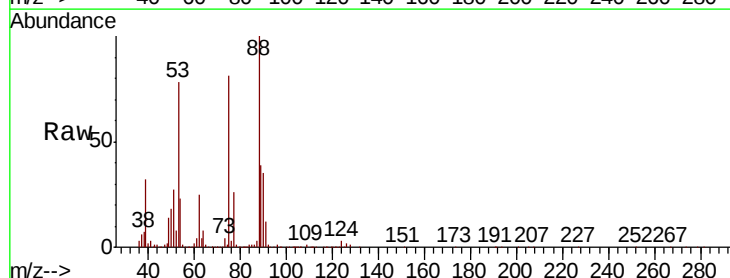
Tgt Ion: 75 Resp: 114879

Ion Ratio Lower Upper

75 100

53 98.8 74.6 111.8

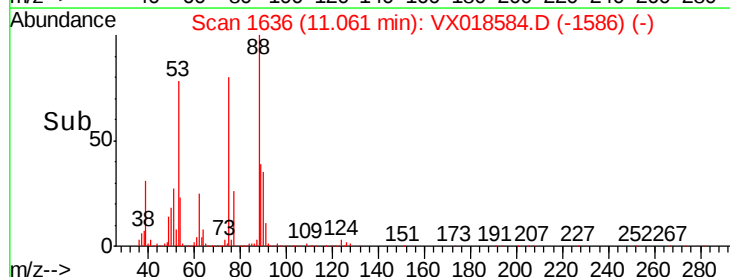
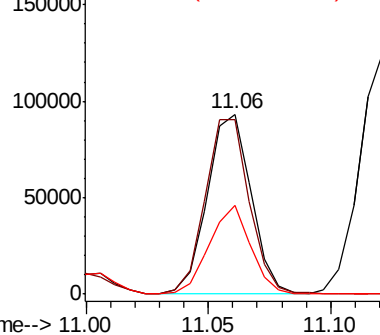
89 47.6 36.2 54.4

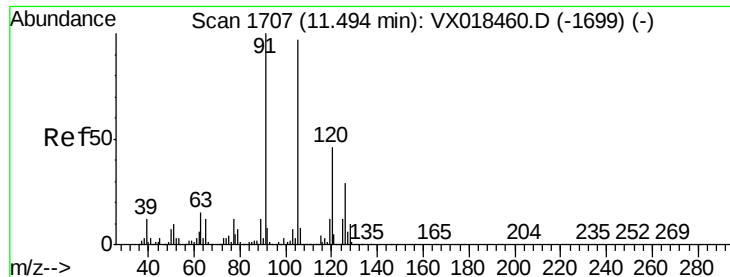


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 48.736 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

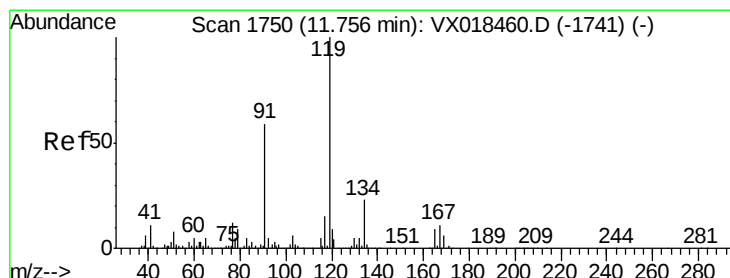
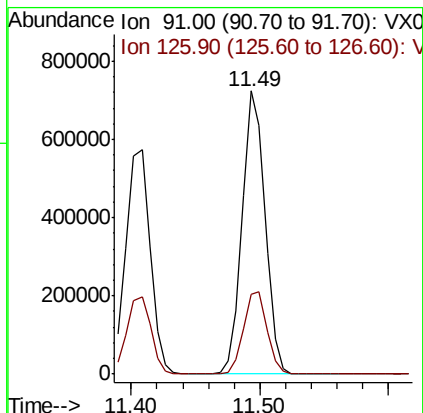
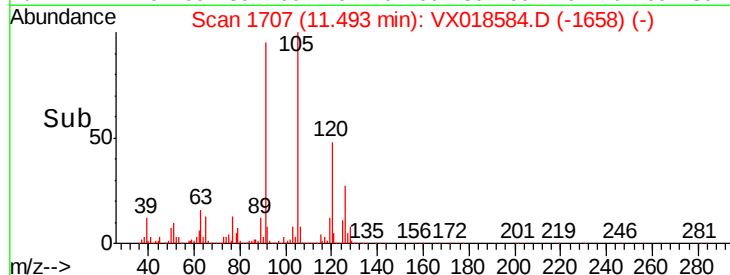
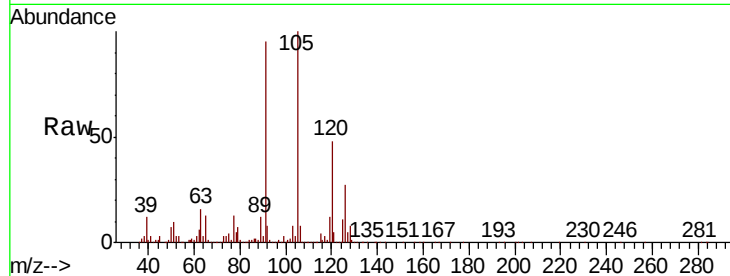
TT180D1-20200921MSD

Tot Ion: 91 Resp: 890151

Ion Ratio Lower Upper

91 100

126 29.8 15.0 45.0



#83

tert-Butylbenzene

Concen: 49.321 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

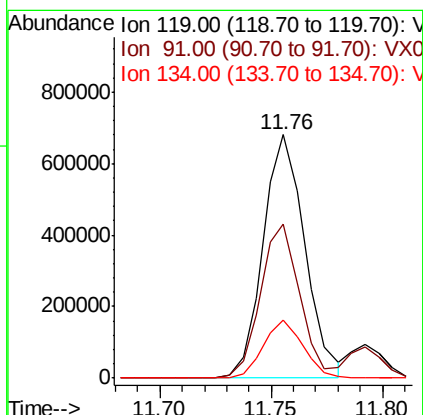
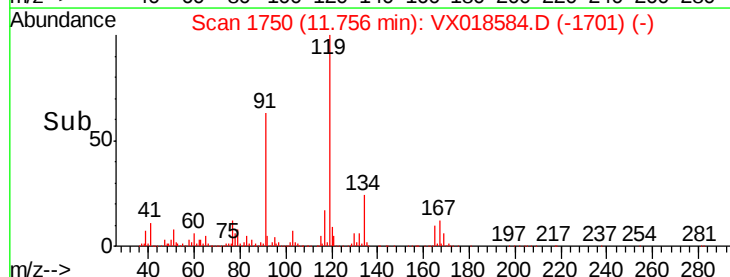
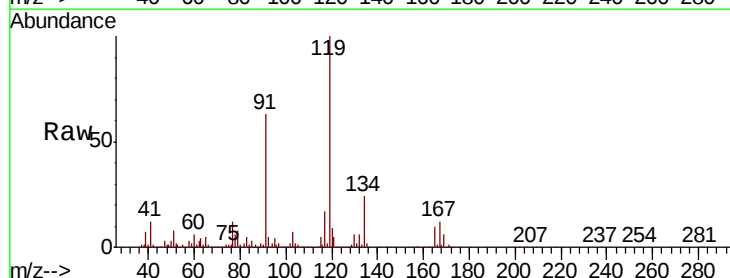
Tgt Ion: 119 Resp: 888110

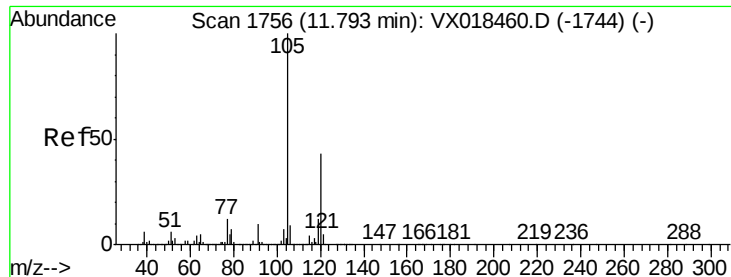
Ion Ratio Lower Upper

119 100

91 59.0 28.9 86.7

134 22.7 11.3 33.8

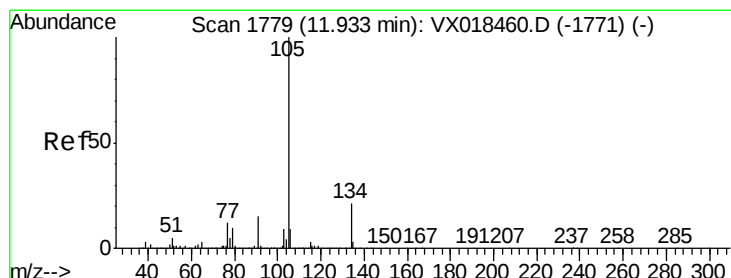
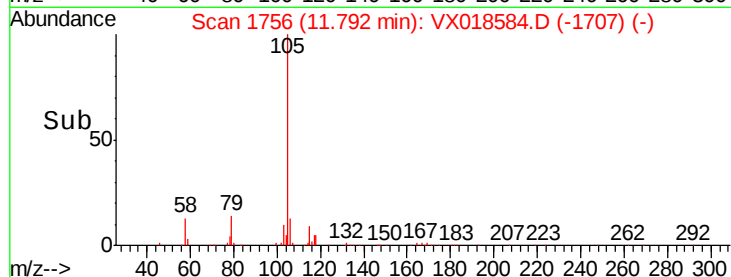
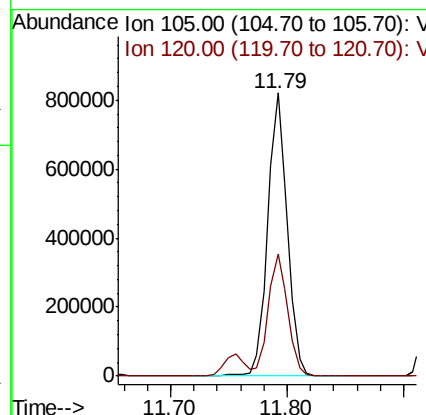
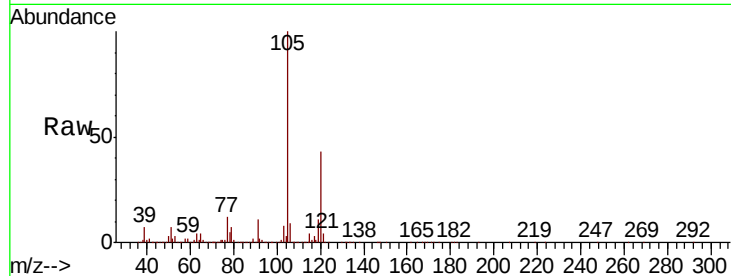




#84
 1,2,4-Trimethylbenzene
 Concen: 51.039 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

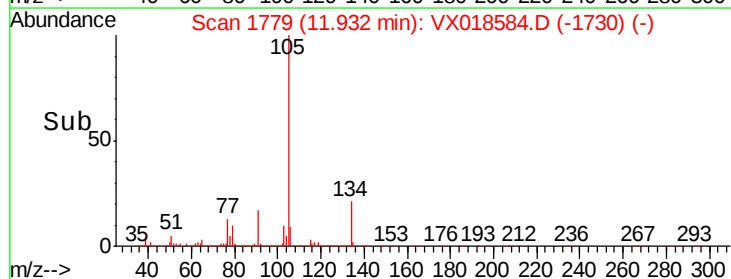
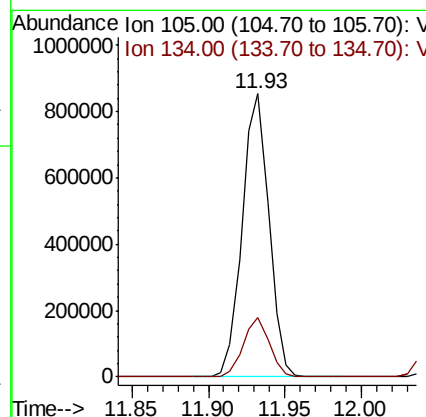
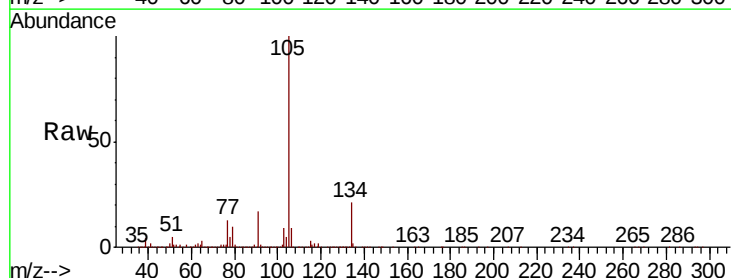
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MSD

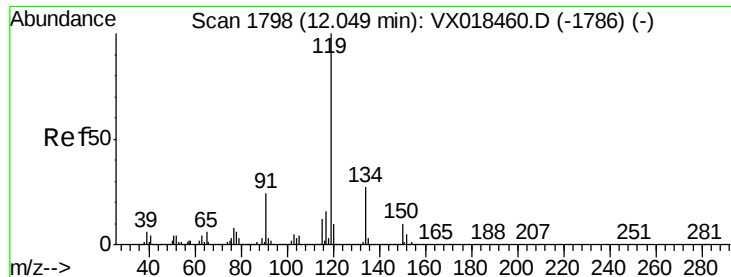
Tot Ion:105 Resp: 953288
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.6 65.0



#85
 sec-Butylbenzene
 Concen: 48.577 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Tgt Ion:105 Resp: 1032094
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4

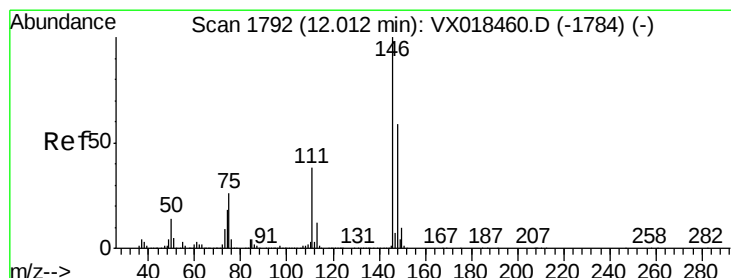
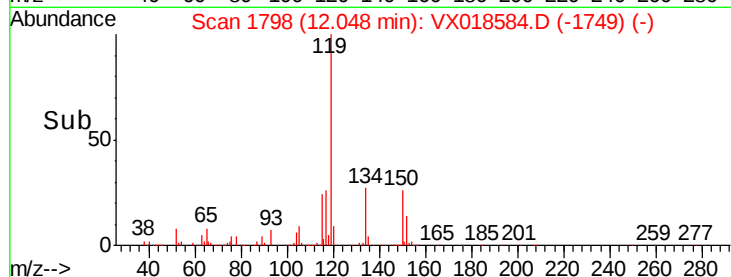
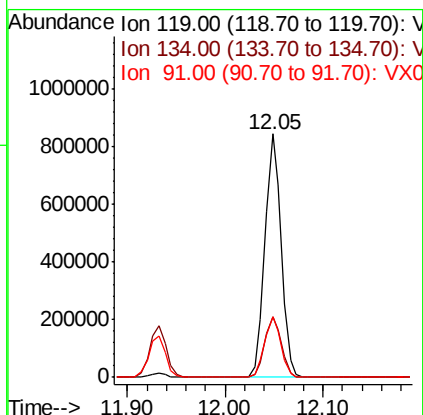
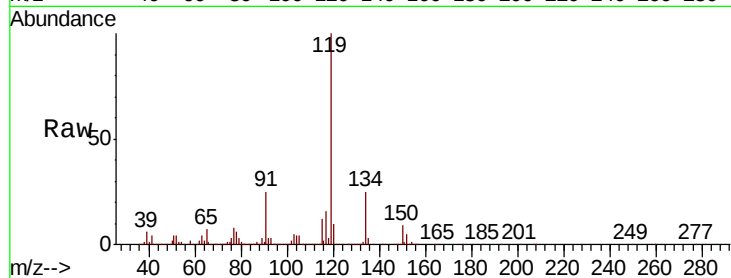




#86
p-Isopropyltoluene
Concen: 49.810 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

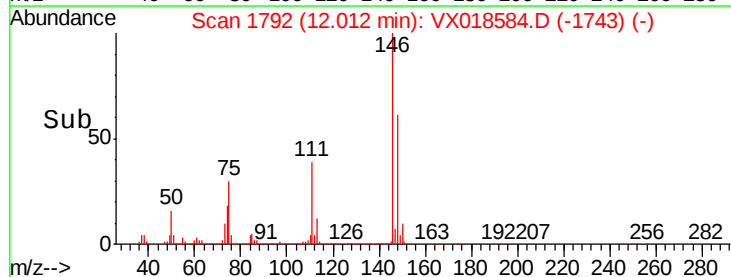
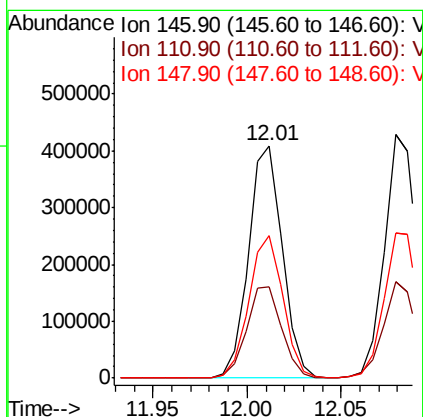
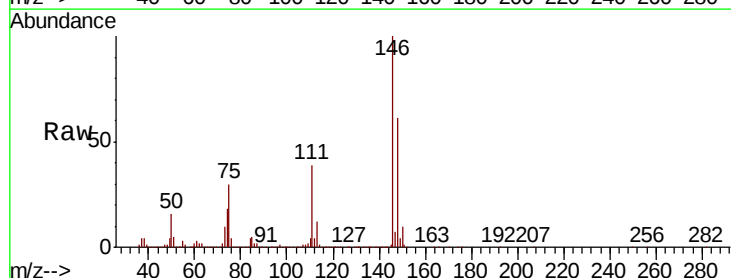
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20200921MSD

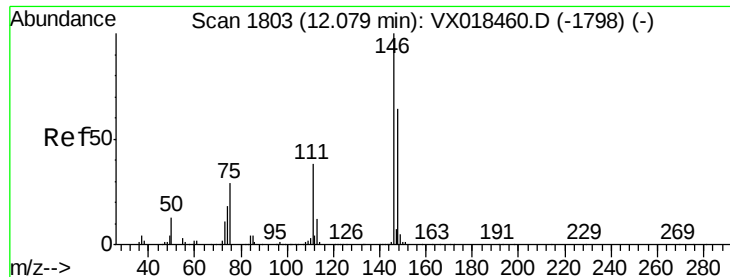
Tot Ion:119 Resp: 972620
Ion Ratio Lower Upper
119 100
134 25.5 13.3 39.9
91 25.0 11.9 35.9



#87
1,3-Dichlorobenzene
Concen: 47.344 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX018584.D
Acq: 24 Sep 2020 19:38

Tgt Ion:146 Resp: 509347
Ion Ratio Lower Upper
146 100
111 40.7 20.4 61.2
148 61.6 31.1 93.2

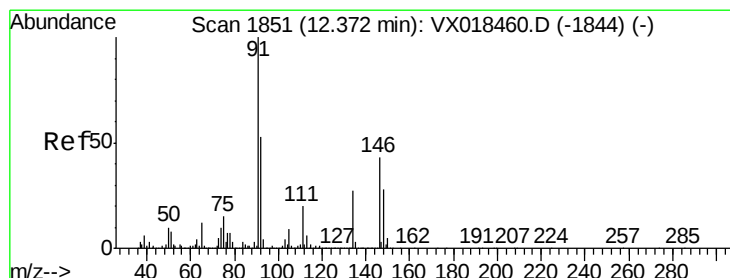
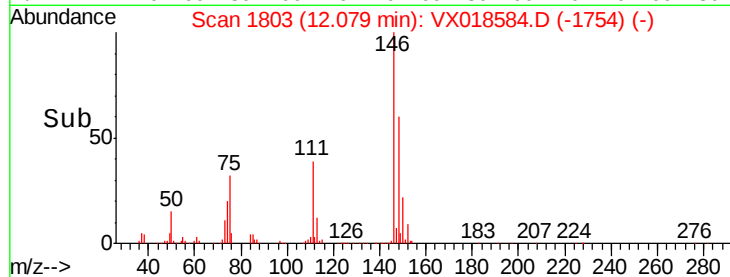
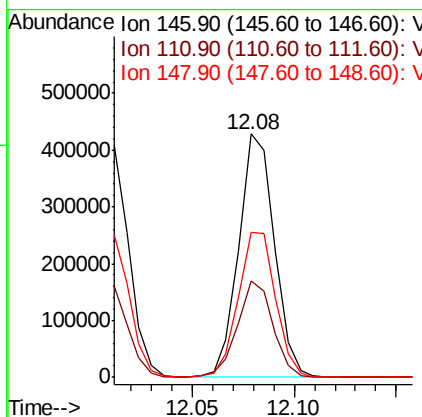
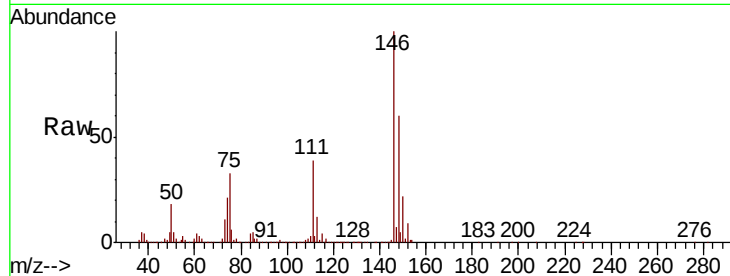




#88
 1,4-Dichlorobenzene
 Concen: 47.665 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

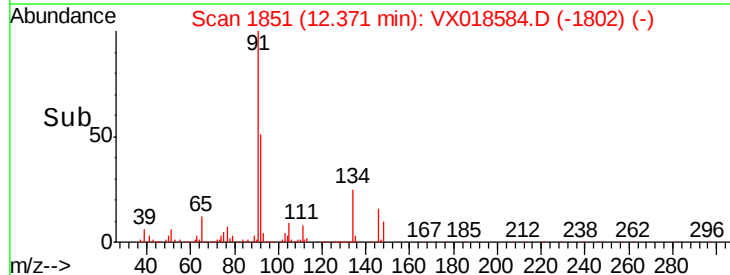
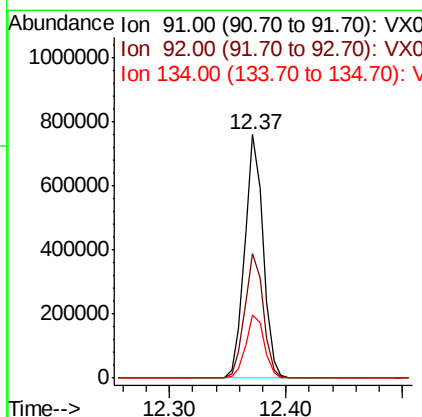
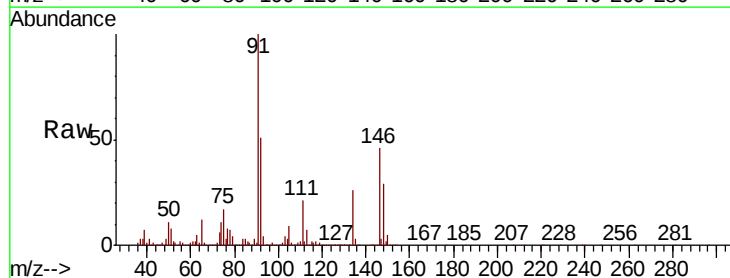
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MSD

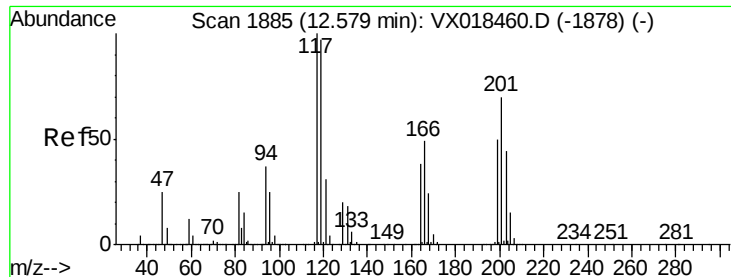
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.4
148	62.5	31.8	95.4



#89
 n-Butylbenzene
 Concen: 46.524 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX018584.D
 Acq: 24 Sep 2020 19:38

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.1	78.2
134	26.5	13.3	39.8





#90

Hexachloroethane

Concen: 47.843 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

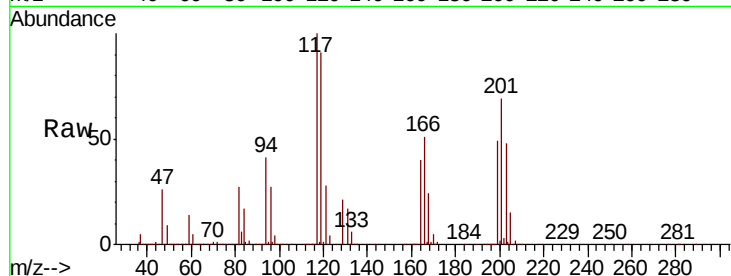
TT180D1-20200921MSD

Tot Ion:117 Resp: 186506

Ion Ratio Lower Upper

117 100

201 76.4 36.2 108.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.58

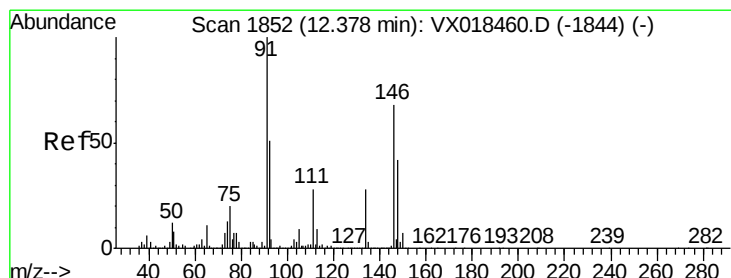
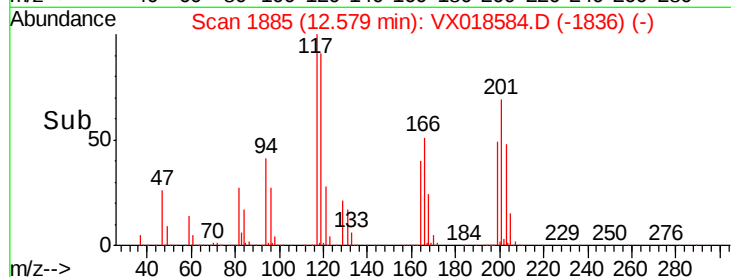
150000

100000

50000

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 50.222 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

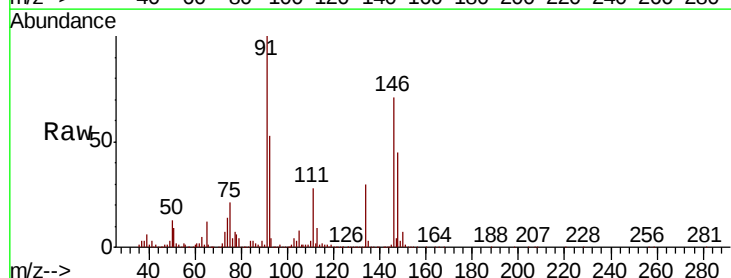
Tgt Ion:146 Resp: 505706

Ion Ratio Lower Upper

146 100

111 41.9 21.5 64.5

148 63.8 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

12.38

500000

400000

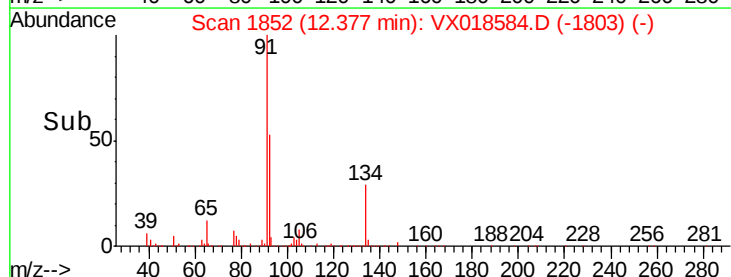
300000

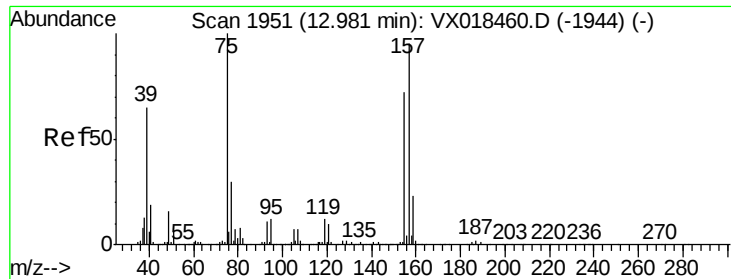
200000

100000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.544 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

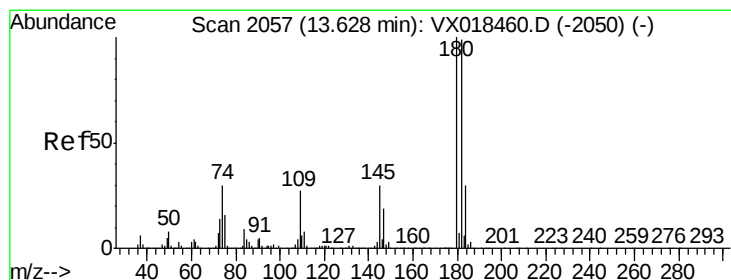
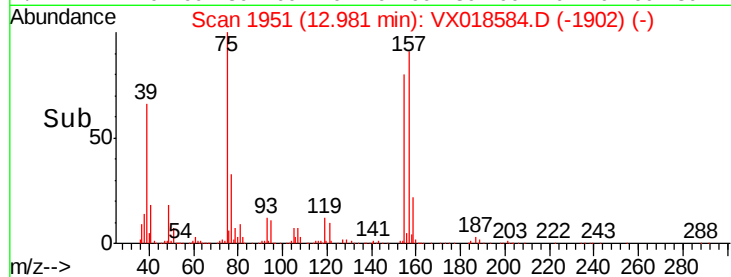
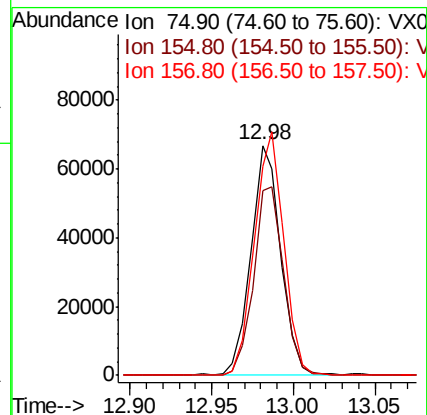
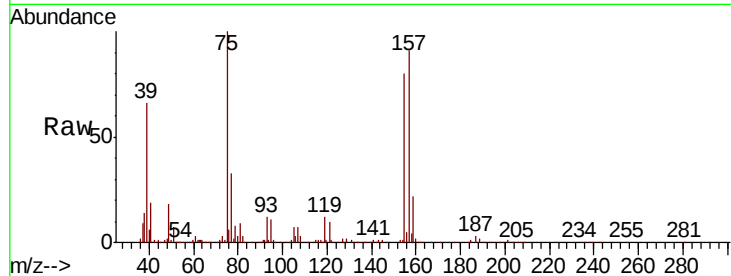
Tot Ion: 75 Resp: 84590

Ion Ratio Lower Upper

75 100

155 83.0 38.8 116.4

157 105.3 51.1 153.3



#93

1,2,4-Trichlorobenzene

Concen: 46.493 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

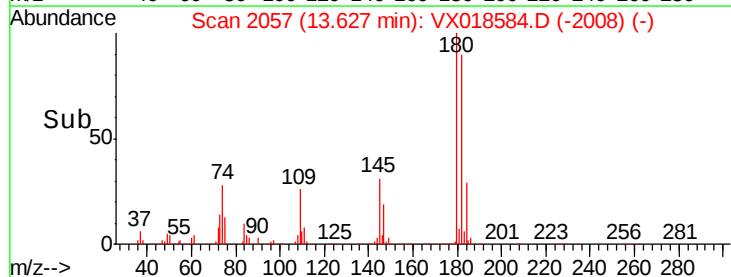
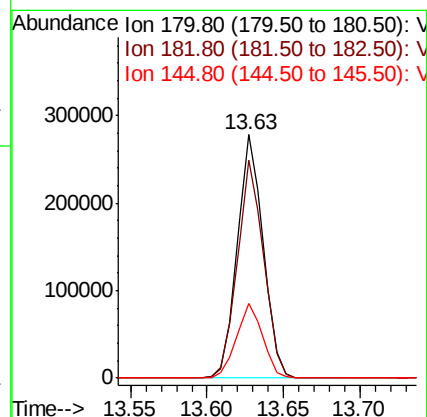
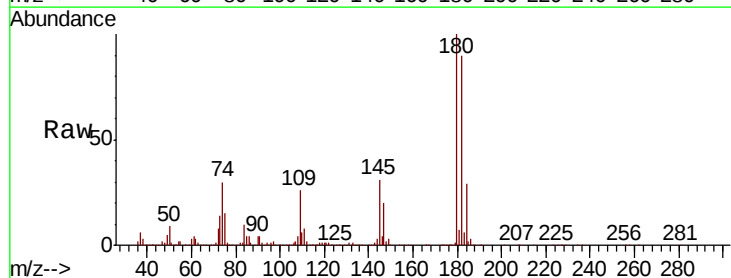
Tgt Ion:180 Resp: 325831

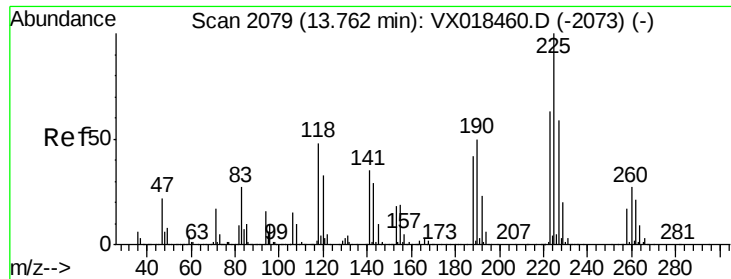
Ion Ratio Lower Upper

180 100

182 91.2 50.2 150.6

145 31.2 15.7 47.1





#94

Hexachlorobutadiene

Concen: 46.998 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

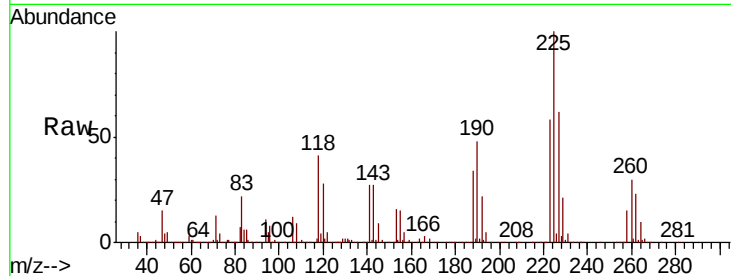
Tot Ion:225 Resp: 138213

Ion Ratio Lower Upper

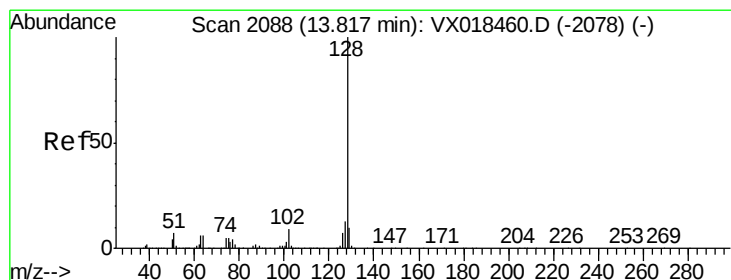
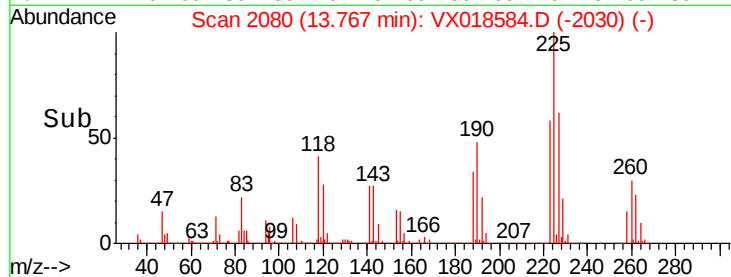
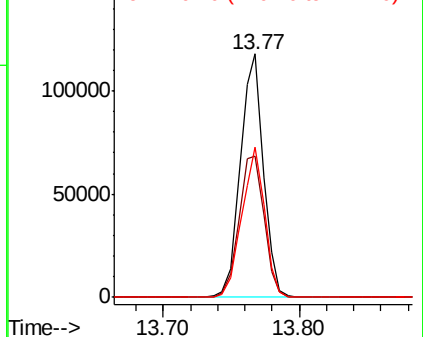
225 100

223 63.6 32.0 96.2

227 61.2 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 49.195 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

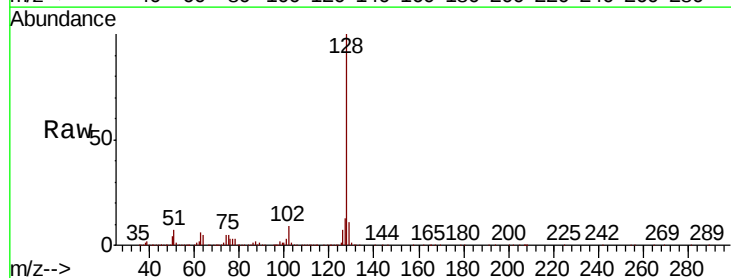
Tgt Ion:128 Resp: 1041198

Ion Ratio Lower Upper

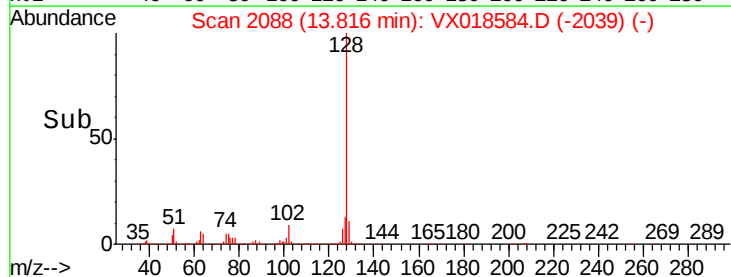
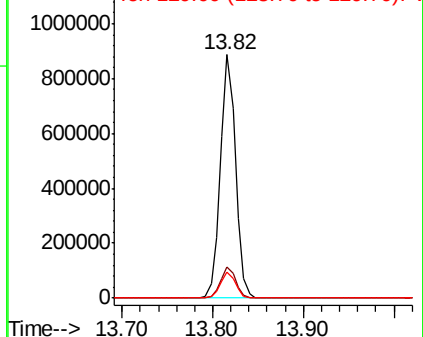
128 100

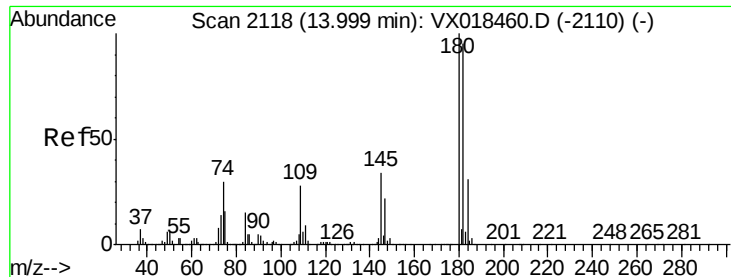
127 12.8 10.3 15.5

129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 47.601 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018584.D

Acq: 24 Sep 2020 19:38

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921MSD

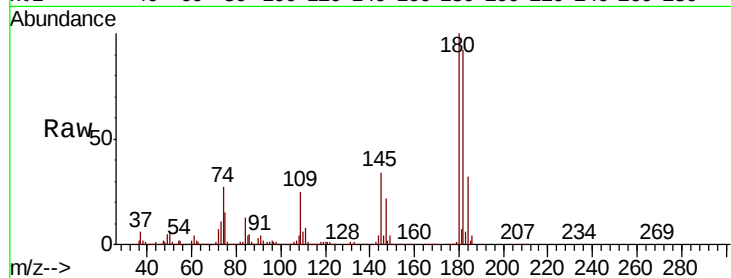
Tot Ion:180 Resp: 318812

Ion Ratio Lower Upper

180 100

182 95.0 47.1 141.3

145 33.8 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

