

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\
 Data File : VX018982.D
 Acq On : 20 Oct 2020 18:05
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 20 18:32:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 18:15:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	195997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	344003	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	344113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	245445	94.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	188.56%	
35) Dibromofluoromethane	5.46	113	224115	101.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.18%	
50) Toluene-d8	8.70	98	892342	102.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.28%	
62) 4-Bromofluorobenzene	11.12	95	343176	105.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	163138	96.430	ug/l	99
3) Chloromethane	1.31	50	176015	93.985	ug/l	98
4) Vinyl Chloride	1.39	62	240822	93.348	ug/l	100
5) Bromomethane	1.62	94	135035	63.473	ug/l	98
6) Chloroethane	1.70	64	177833	91.358	ug/l	100
7) Trichlorofluoromethane	1.90	101	435812	99.124	ug/l	99
8) Diethyl Ether	2.17	74	167864	96.759	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	167791	71.356	ug/l	98
10) Methyl Iodide	2.48	142	233863	106.003	ug/l	99
11) Tert butyl alcohol	3.03	59	282584	499.408	ug/l	100
12) 1,1-Dichloroethene	2.35	96	173543	68.729	ug/l	94
13) Acrolein	2.27	56	156945	460.648	ug/l	99
14) Allyl chloride	2.70	41	247346	92.400	ug/l	98
15) Acrylonitrile	3.12	53	500326	495.038	ug/l	100
16) Acetone	2.42	43	416578	392.060	ug/l	99
17) Carbon Disulfide	2.54	76	514659	93.872	ug/l	99
18) Methyl Acetate	2.75	43	212695	99.135	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	635589	98.417	ug/l	99
20) Methylene Chloride	2.83	84	215609	94.833	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	228585	98.995	ug/l	98
22) Diisopropyl ether	3.82	45	511351	95.206	ug/l	96
23) Vinyl Acetate	3.78	43	2478271	482.412	ug/l	96
24) 1,1-Dichloroethane	3.67	63	368114	96.204	ug/l	99
25) 2-Butanone	4.64	43	710760	489.043	ug/l	97
26) 2,2-Dichloropropane	4.55	77	349726	94.667	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	263665	98.012	ug/l	97
28) Bromochloromethane	4.98	49	151843	93.780	ug/l	85
29) Tetrahydrofuran	5.09	42	411223	483.287	ug/l	97
30) Chloroform	5.17	83	427794	100.457	ug/l	95
31) Cyclohexane	5.54	56	287400	94.516	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	384837	100.604	ug/l	98
36) 1,1-Dichloropropene	5.76	75	318810	98.343	ug/l	99
37) Ethyl Acetate	4.79	43	278539	100.247	ug/l	99
38) Carbon Tetrachloride	5.75	117	336531	100.738	ug/l	99

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Quant Time: Oct 20 18:32:17 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	353345	99.747	ug/l	99
40) Benzene	6.11	78	958250	101.648	ug/l	99
41) Methacrylonitrile	5.01	41	145338	95.012	ug/l	96
42) 1,2-Dichloroethane	6.16	62	313920	96.406	ug/l	98
43) Isopropyl Acetate	6.41	43	463377	95.385	ug/l	98
44) Trichloroethene	7.19	130	266740	100.715	ug/l	99
45) 1,2-Dichloropropane	7.49	63	224940	99.202	ug/l	97
46) Dibromomethane	7.63	93	172189	102.017	ug/l	98
47) Bromodichloromethane	7.87	83	352363	104.047	ug/l	97
48) Methyl methacrylate	7.74	41	217675	97.366	ug/l	97
49) 1,4-Dioxane	7.71	88	124821	2223.964	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1442772	507.585	ug/l	98
52) Toluene	8.77	92	655750	106.454	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	404212	105.501	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	419398	103.783	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	268641	108.848	ug/l	96
56) Ethyl methacrylate	9.16	69	395479	106.803	ug/l	97
57) 1,3-Dichloropropane	9.35	76	422537	103.816	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	974311	519.450	ug/l	95
59) 2-Hexanone	9.48	43	1133541	515.174	ug/l	98
60) Dibromochloromethane	9.57	129	318882	115.144	ug/l	98
61) 1,2-Dibromoethane	9.65	107	293171	110.856	ug/l	100
64) Tetrachloroethene	9.32	164	245117	87.858	ug/l	94
65) Chlorobenzene	10.12	112	739019	101.369	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	277301	104.987	ug/l	99
67) Ethyl Benzene	10.24	91	1265841	99.121	ug/l	97
68) m/p-Xylenes	10.34	106	1024228	205.417	ug/l	97
69) o-Xylene	10.68	106	499554	105.889	ug/l	95
70) Styrene	10.70	104	855254	106.183	ug/l	99
71) Bromoform	10.84	173	261014	121.971	ug/l	97
73) Isopropylbenzene	11.00	105	1319754	93.760	ug/l	98
74) N-amyl acetate	10.88	43	416330	85.815	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	427689	94.888	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	493137	120.911	ug/l	86
77) Bromobenzene	11.24	156	359744	102.811	ug/l	87
78) n-propylbenzene	11.34	91	1457857	89.988	ug/l	97
79) 2-Chlorotoluene	11.40	91	857960	90.536	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1140498	95.462	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	152669	93.070	ug/l	96
82) 4-Chlorotoluene	11.49	91	1037137	91.356	ug/l	97
83) tert-Butylbenzene	11.76	119	1139875	97.487	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1153828	96.119	ug/l	99
85) sec-Butylbenzene	11.93	105	1316579	93.882	ug/l	99
86) p-Isopropyltoluene	12.05	119	1266049	97.831	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	669578	102.958	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	667118	99.490	ug/l	99
89) n-Butylbenzene	12.37	91	1118305	94.677	ug/l	99
90) Hexachloroethane	12.58	117	209733	101.341	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	644497	102.511	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	102894	99.313	ug/l	95

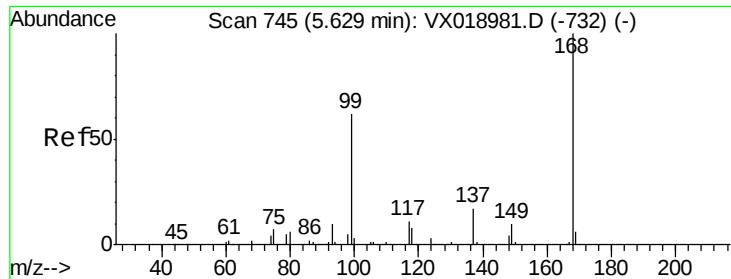
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	456895	106.015	ug/l	98
94) Hexachlorobutadiene	13.77	225	181030	98.614	ug/l	95
95) Naphthalene	13.82	128	1505771	104.957	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	436750	106.017	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

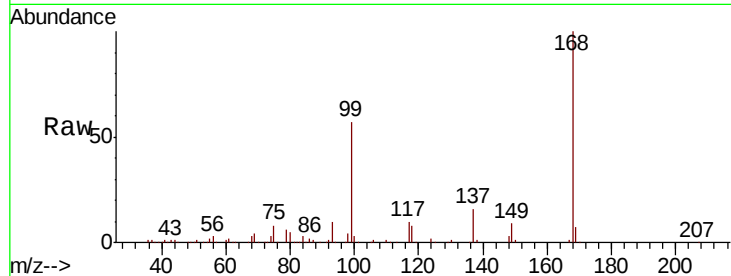
VSTDIC100

Tot Ion:168 Resp: 195997

Ion Ratio Lower Upper

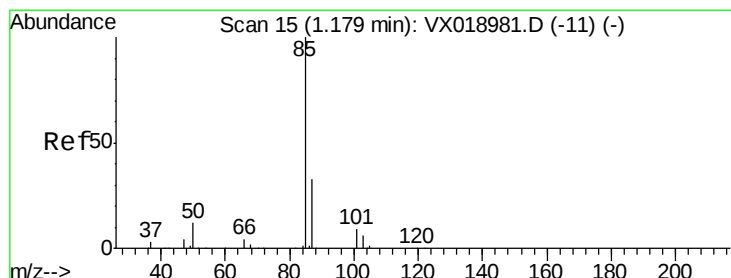
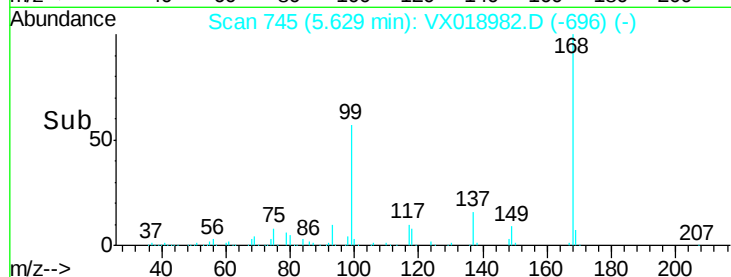
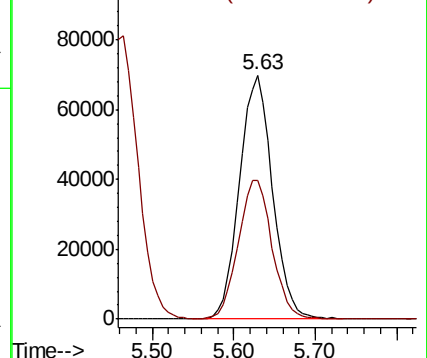
168 100

99 56.8 49.7 74.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 96.430 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX018982.D

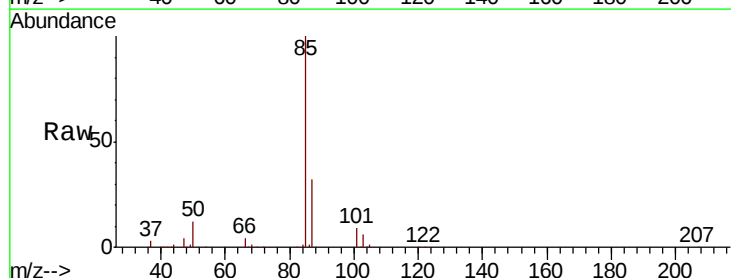
Acq: 20 Oct 2020 18:05

Tgt Ion: 85 Resp: 163138

Ion Ratio Lower Upper

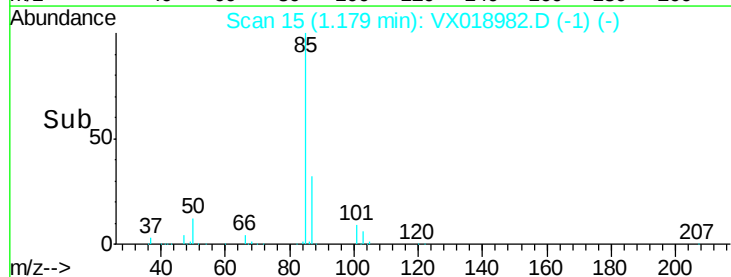
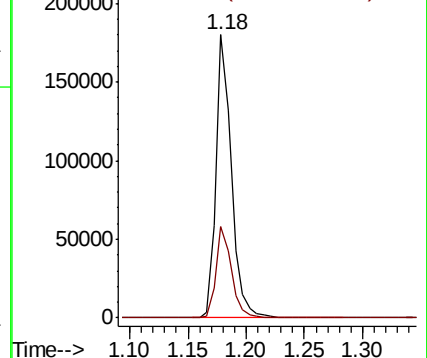
85 100

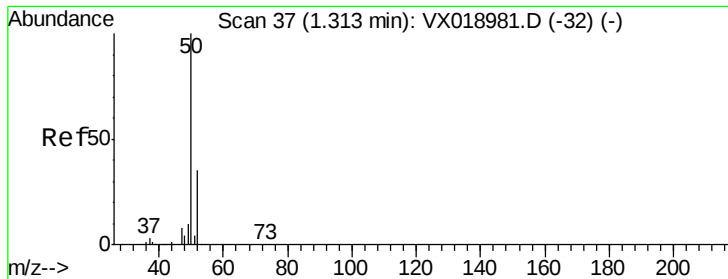
87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 93.985 ug/l

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

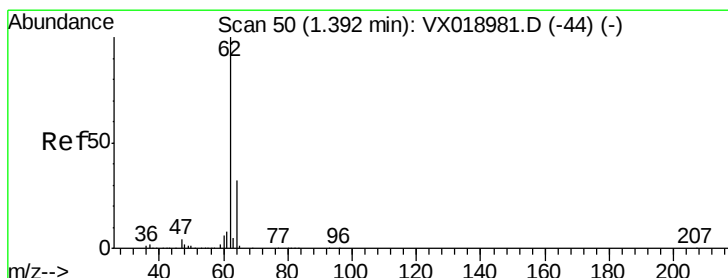
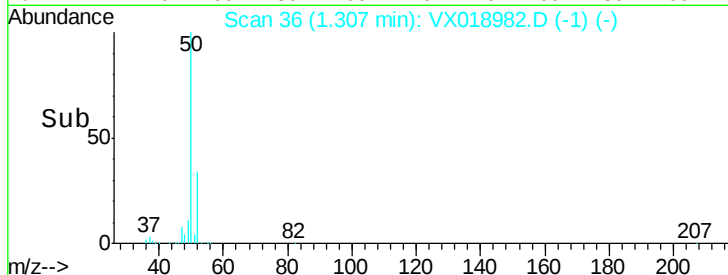
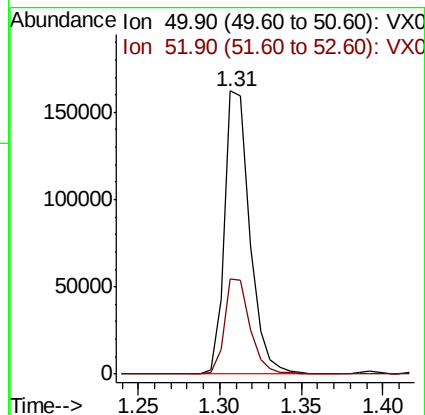
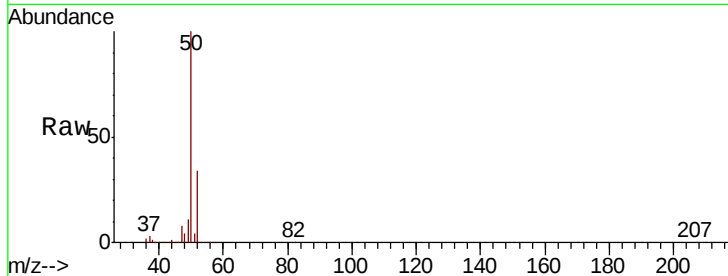
VSTDIC100

Tot Ion: 50 Resp: 176015

Ion Ratio Lower Upper

50 100

52 33.7 27.7 41.5



#4

Vinyl Chloride

Concen: 93.348 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018982.D

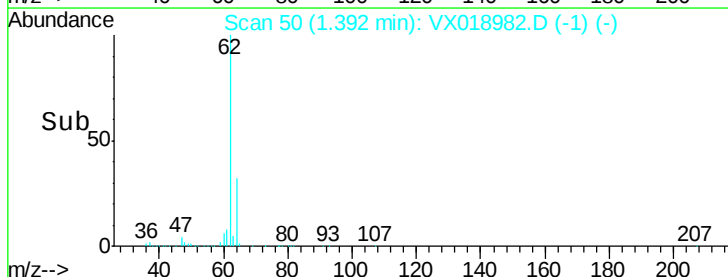
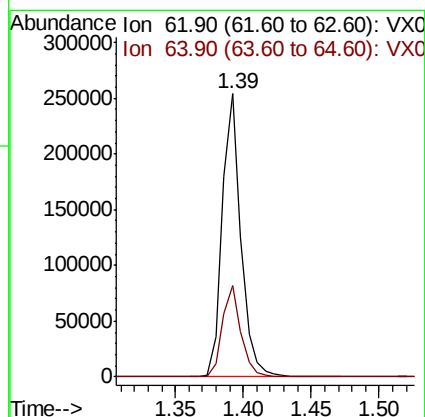
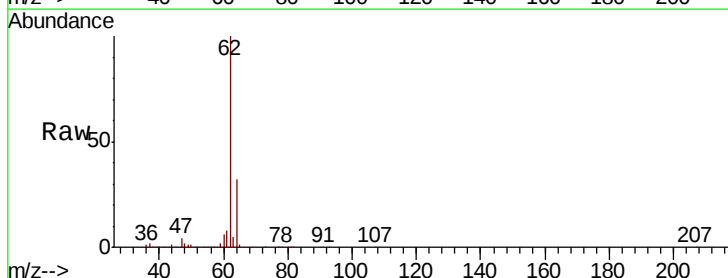
Acq: 20 Oct 2020 18:05

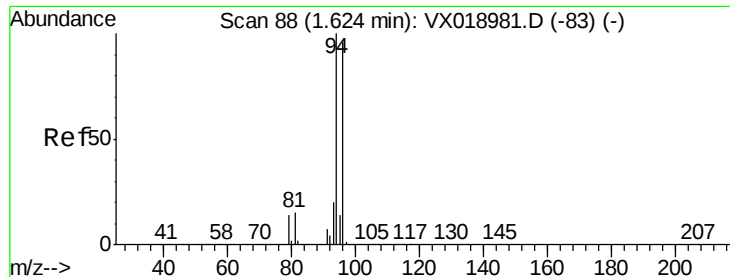
Tgt Ion: 62 Resp: 240822

Ion Ratio Lower Upper

62 100

64 32.1 25.8 38.8





#5

Bromomethane

Concen: 63.473 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

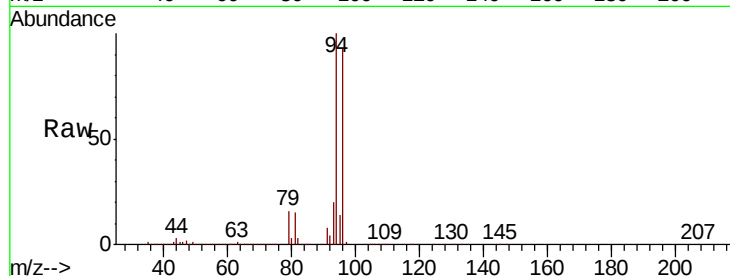
VSTDIC100

Tot Ion: 94 Resp: 135035

Ion Ratio Lower Upper

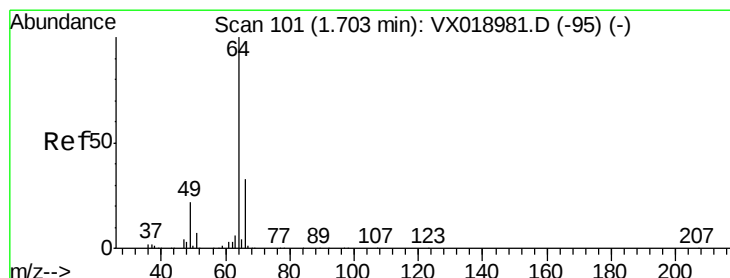
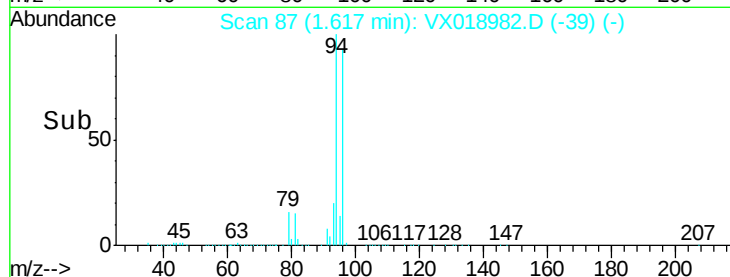
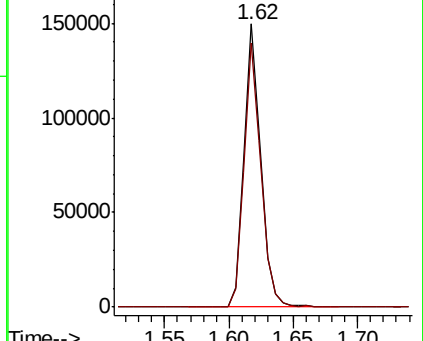
94 100

96 93.2 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 91.358 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX018982.D

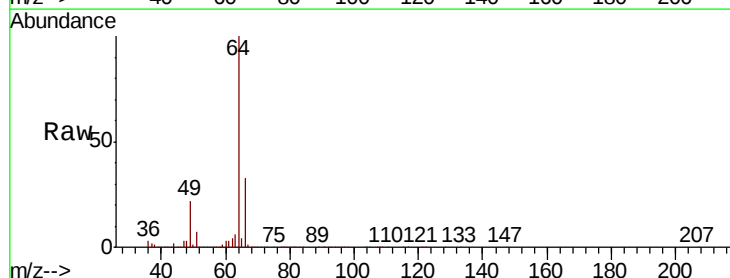
Acq: 20 Oct 2020 18:05

Tgt Ion: 64 Resp: 177833

Ion Ratio Lower Upper

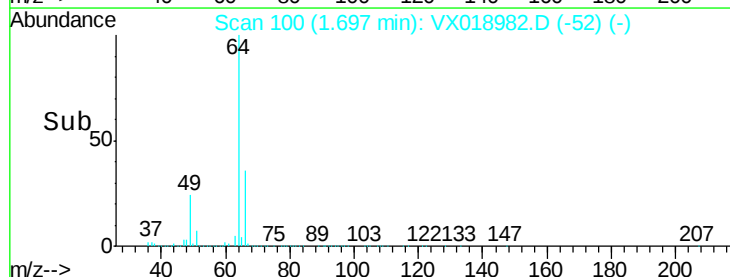
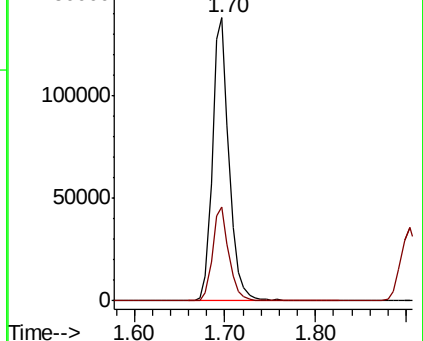
64 100

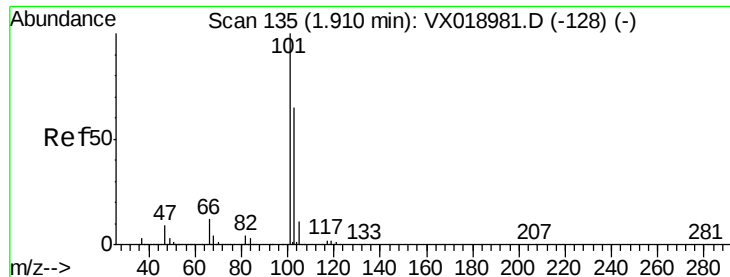
66 33.0 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 99.124 ug/l

RT: 1.90 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

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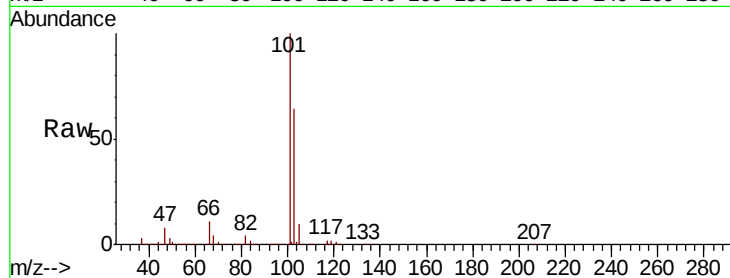
VSTDIC100

Tot Ion:101 Resp: 435812

Ion Ratio Lower Upper

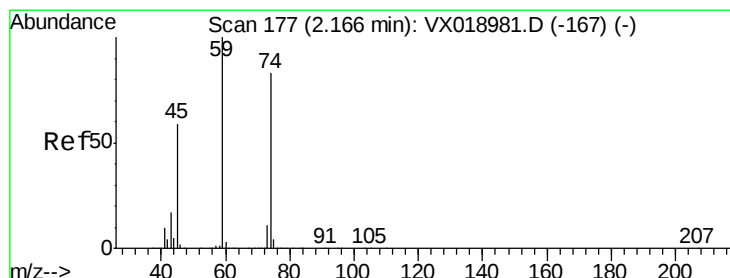
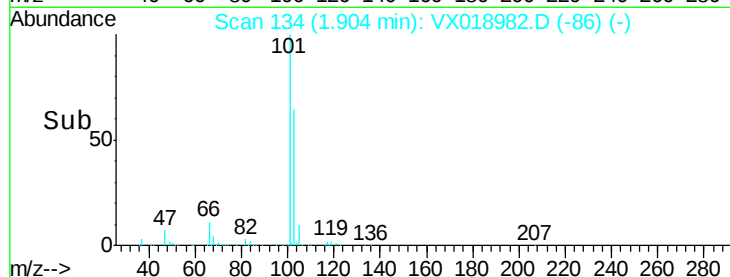
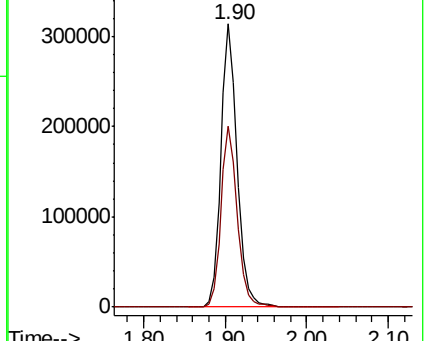
101 100

103 63.8 51.6 77.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 96.759 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX018982.D

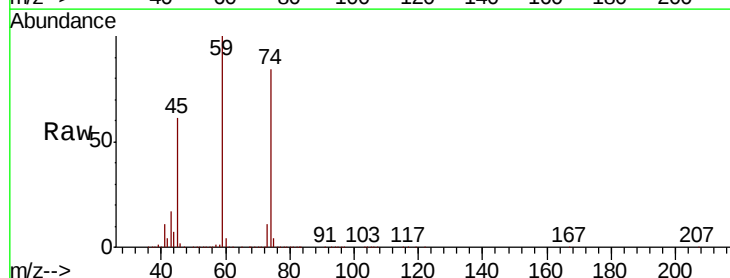
Acq: 20 Oct 2020 18:05

Tgt Ion: 74 Resp: 167864

Ion Ratio Lower Upper

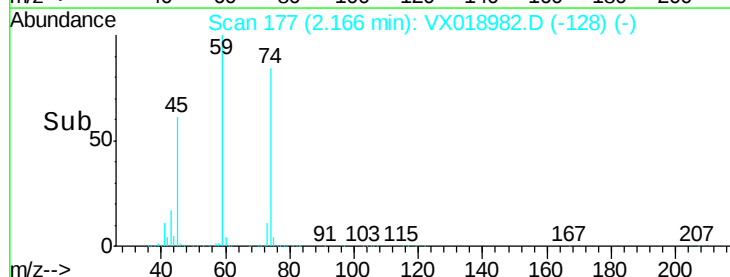
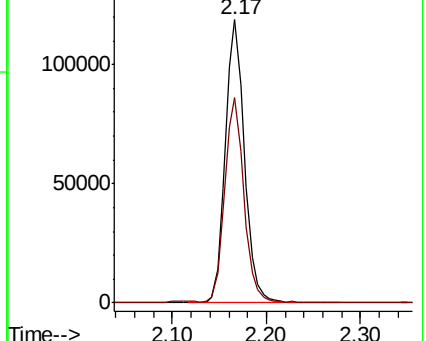
74 100

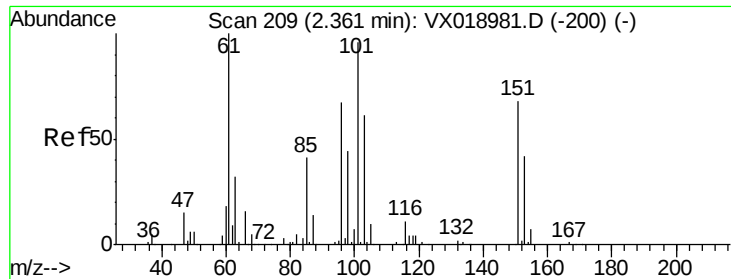
45 72.4 36.0 108.1



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 71.356 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

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MSVOA_X

ClientSampleId :

VSTDIC100

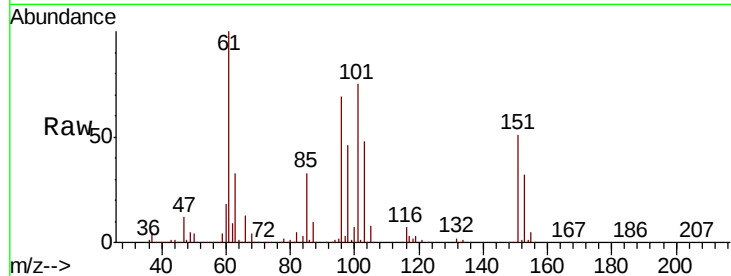
Tot Ion:101 Resp: 167791

Ion Ratio Lower Upper

101 100

85 44.6 34.9 52.3

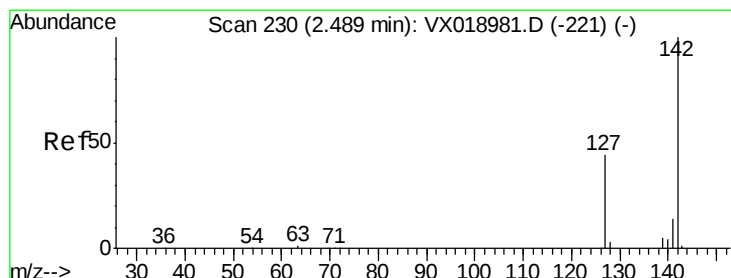
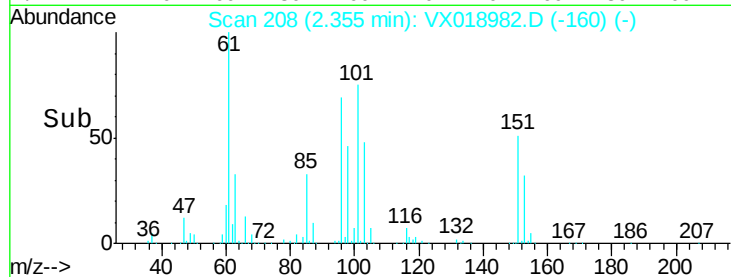
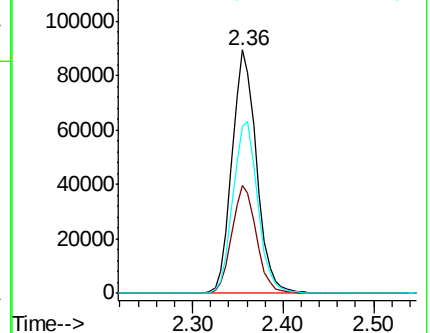
151 71.9 56.1 84.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 106.003 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

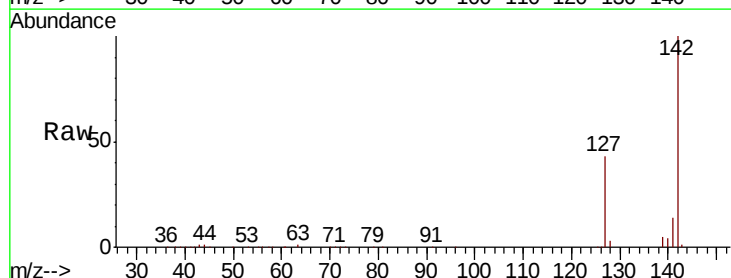
Tgt Ion:142 Resp: 233863

Ion Ratio Lower Upper

142 100

127 43.3 34.2 51.2

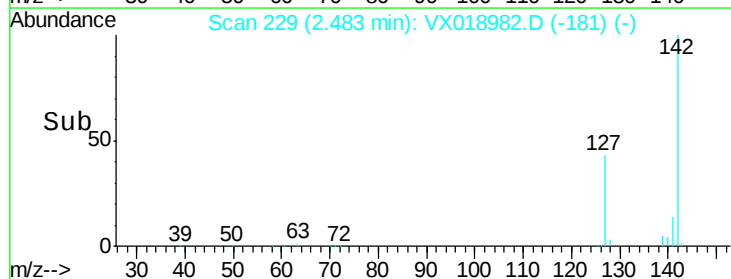
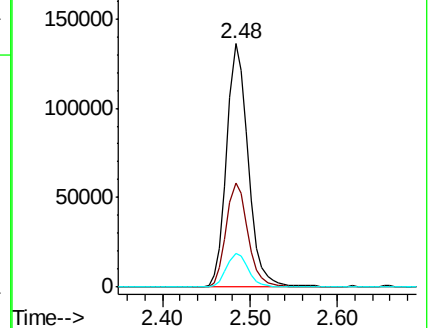
141 14.2 11.3 16.9

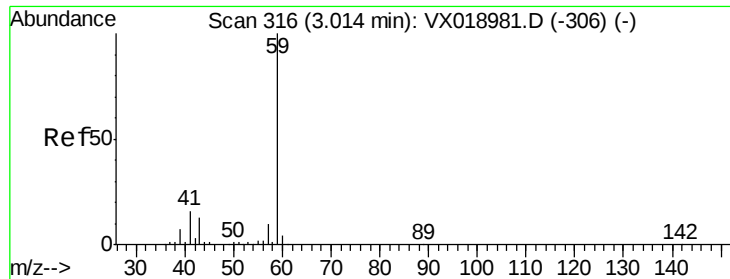


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

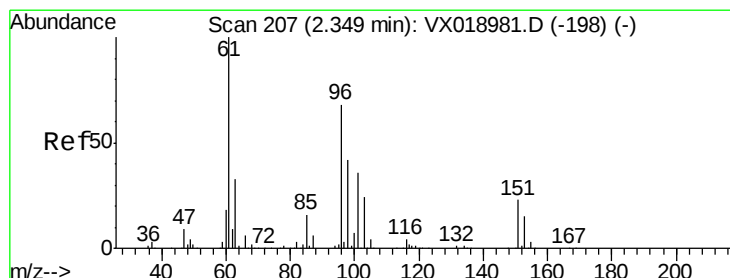
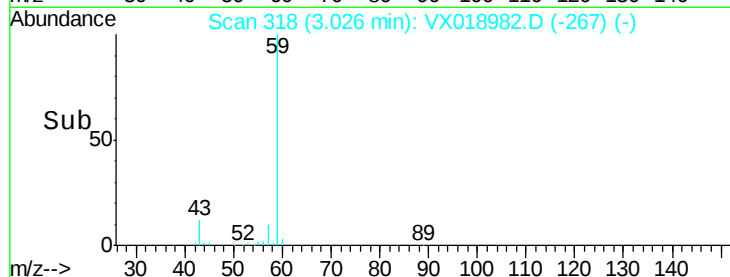
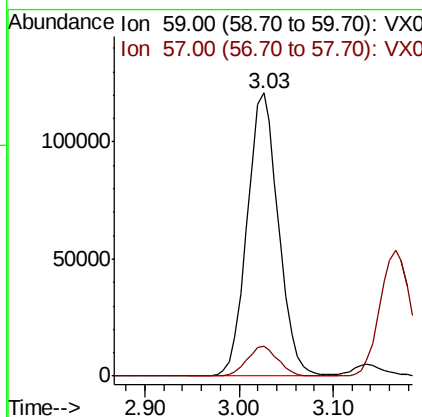
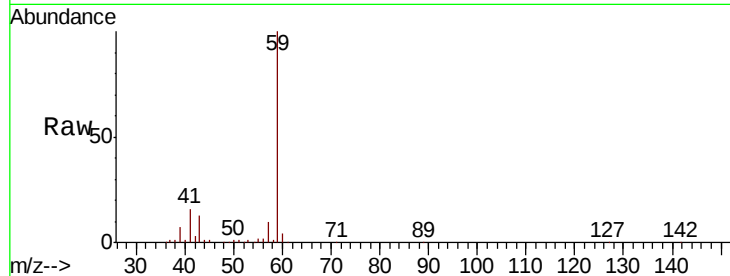




#11
Tert butyl alcohol
Concen: 499.408 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

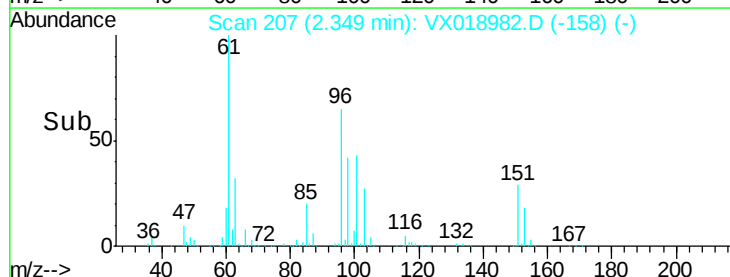
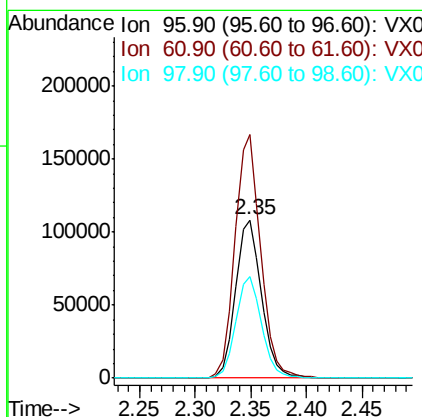
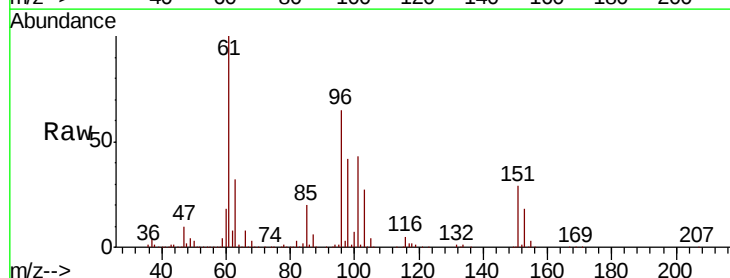
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

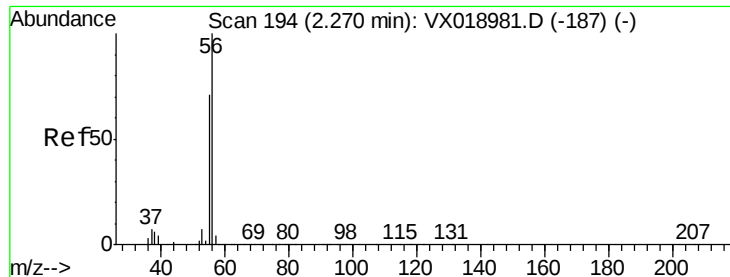
Tot Ion: 59 Resp: 282584
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 68.729 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

Tgt Ion: 96 Resp: 173543
Ion Ratio Lower Upper
96 100
61 154.2 117.4 176.0
98 64.6 48.9 73.3





#13

Acrolein

Concen: 460.648 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

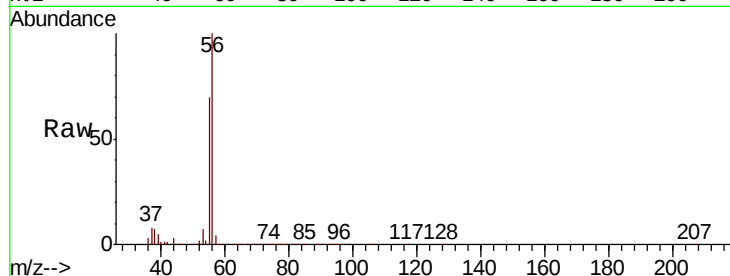
VSTDICC100

Tot Ion: 56 Resp: 156945

Ion Ratio Lower Upper

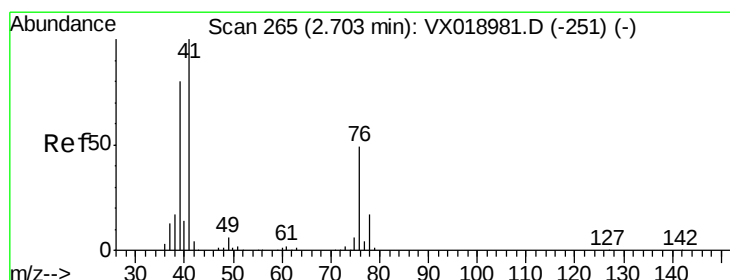
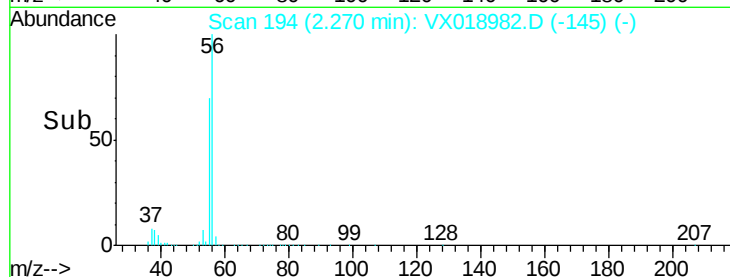
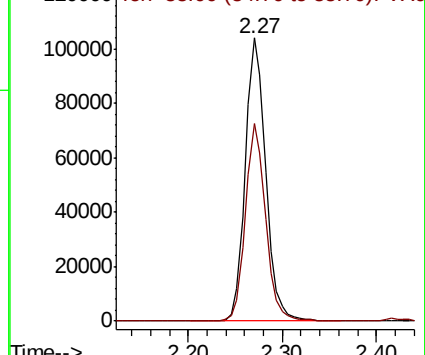
56 100

55 68.7 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 92.400 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

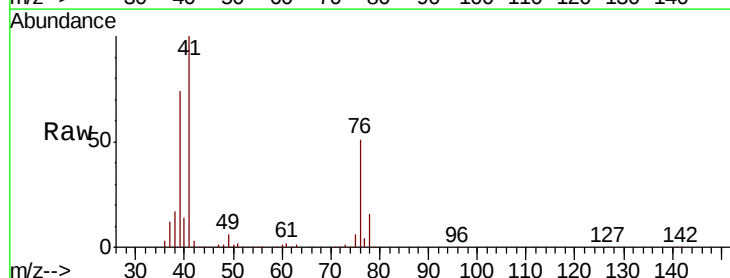
Tgt Ion: 41 Resp: 247346

Ion Ratio Lower Upper

41 100

39 70.8 57.8 86.8

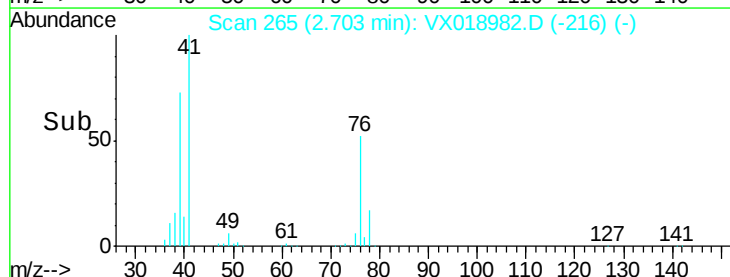
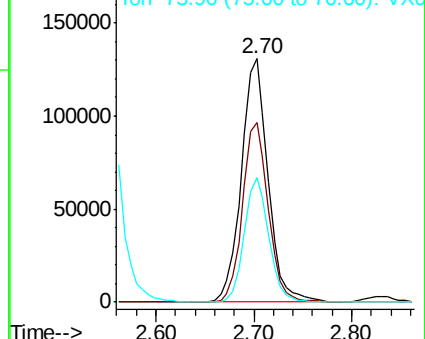
76 47.1 36.2 54.4

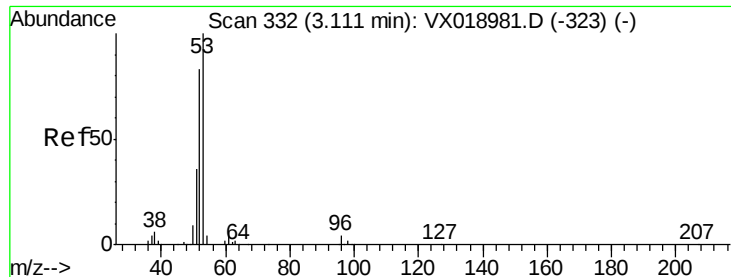


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 495.038 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

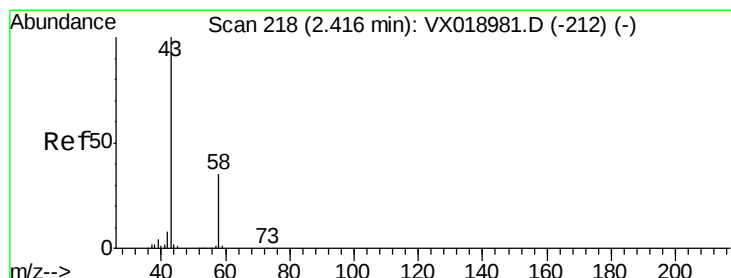
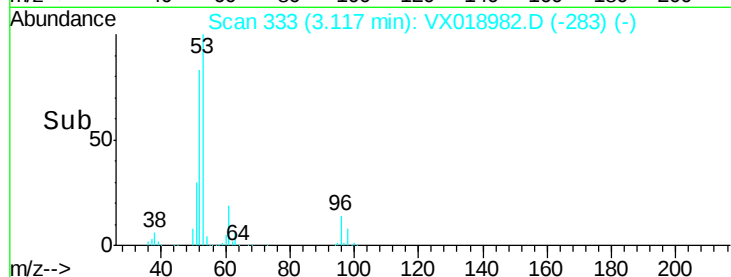
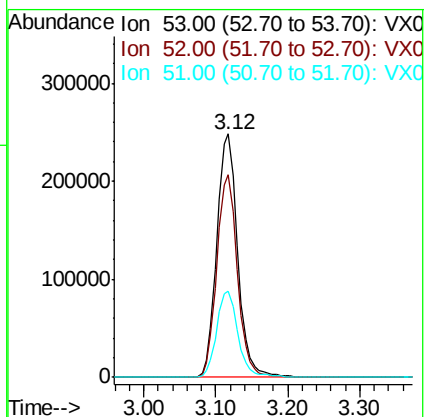
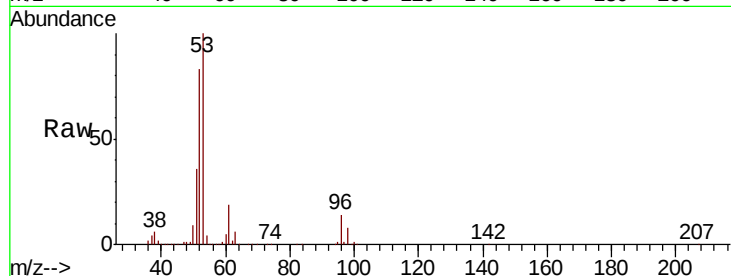
Tot Ion: 53 Resp: 500326

Ion Ratio Lower Upper

53 100

52 82.1 65.5 98.3

51 35.9 28.8 43.2



#16

Acetone

Concen: 392.060 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018982.D

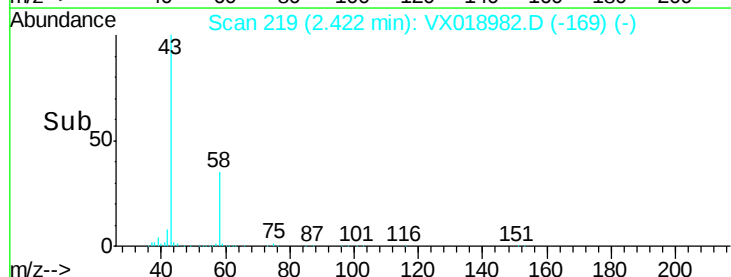
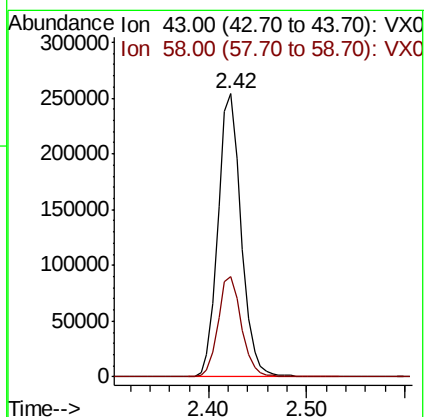
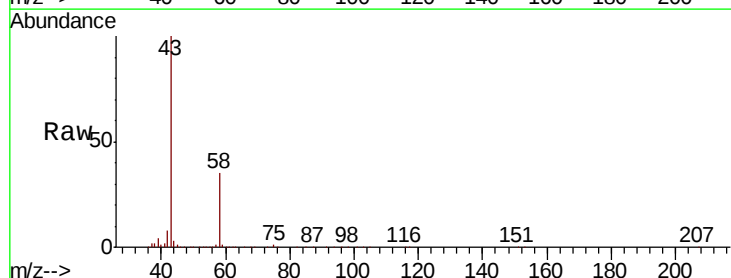
Acq: 20 Oct 2020 18:05

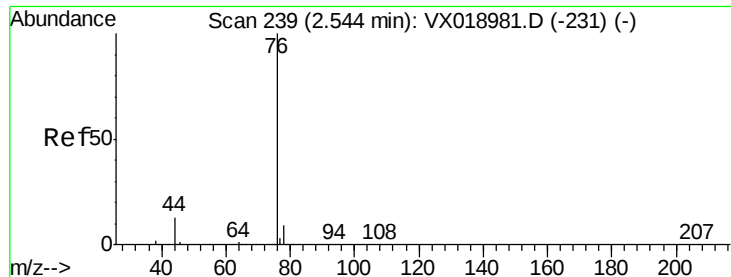
Tgt Ion: 43 Resp: 416578

Ion Ratio Lower Upper

43 100

58 35.3 27.9 41.9

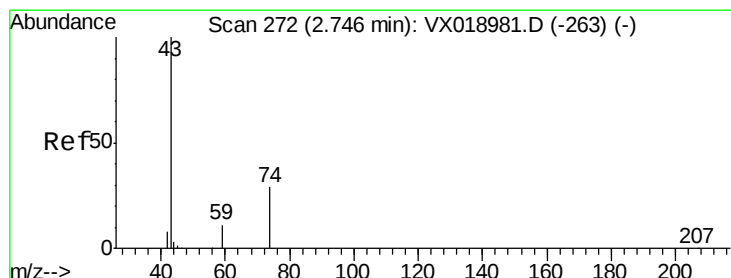
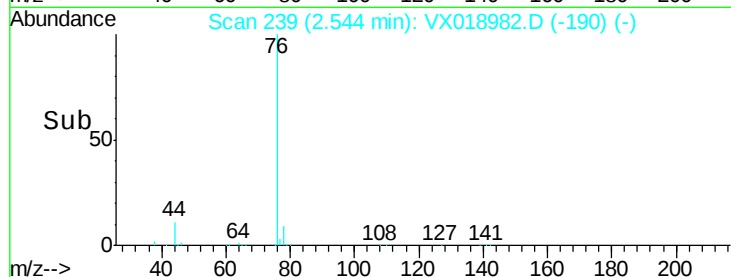
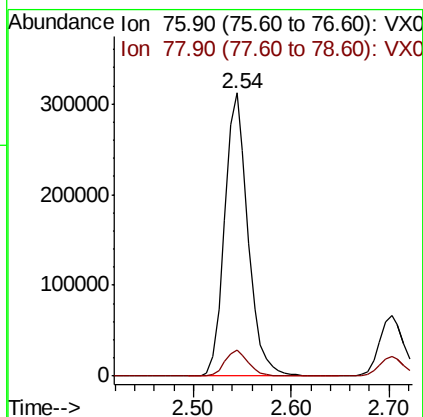
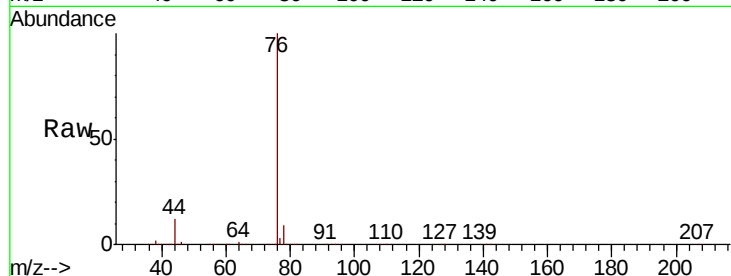




#17
Carbon Disulfide
Concen: 93.872 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

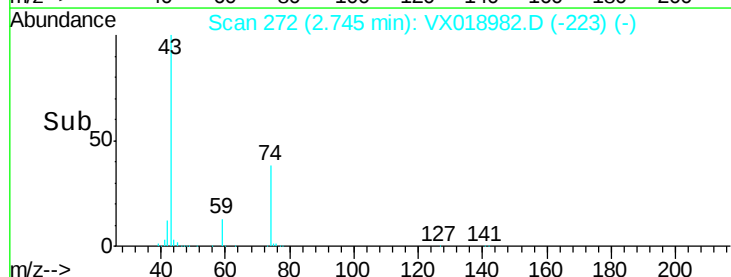
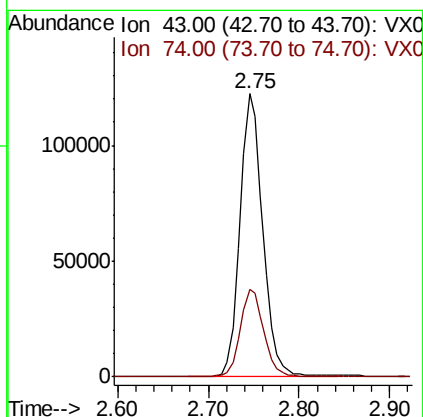
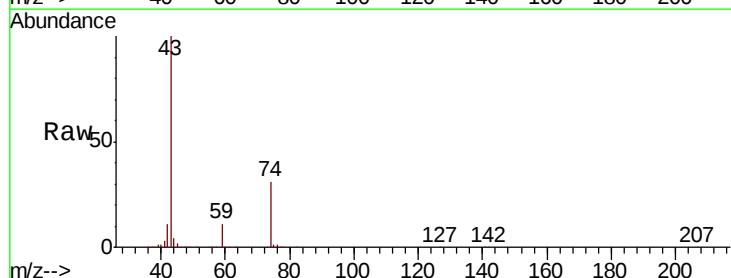
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

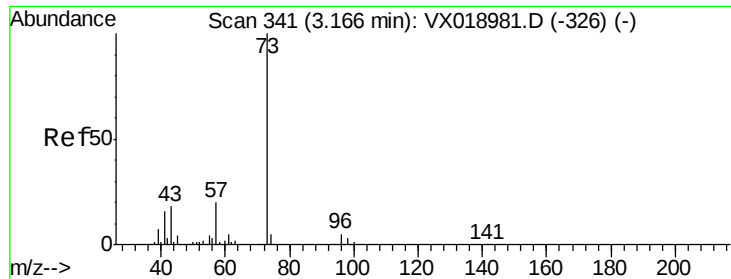
Tot Ion: 76 Resp: 514659
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 99.135 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

Tgt Ion: 43 Resp: 212695
Ion Ratio Lower Upper
43 100
74 32.1 24.1 36.1



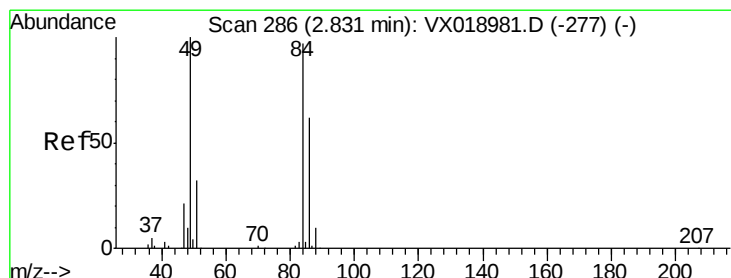
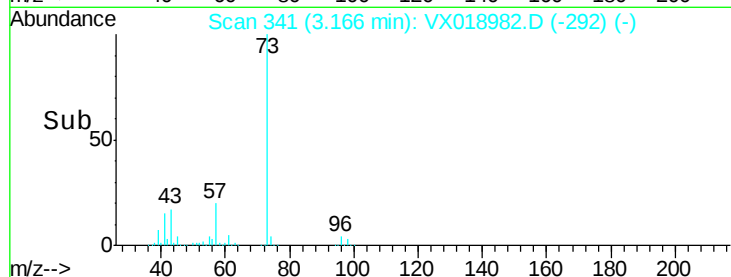
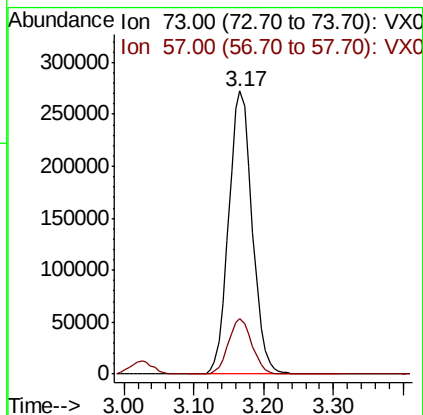
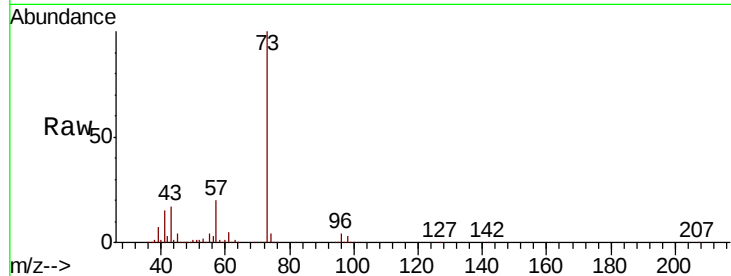


#19

Methyl tert-butyl Ether
 Concen: 98.417 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX018982.D
 Acq: 20 Oct 2020 18:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

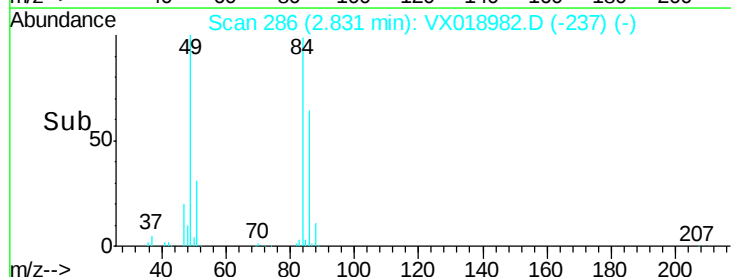
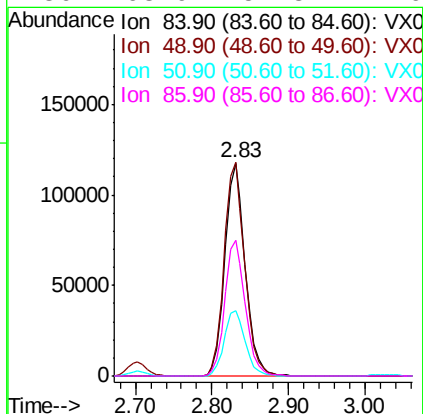
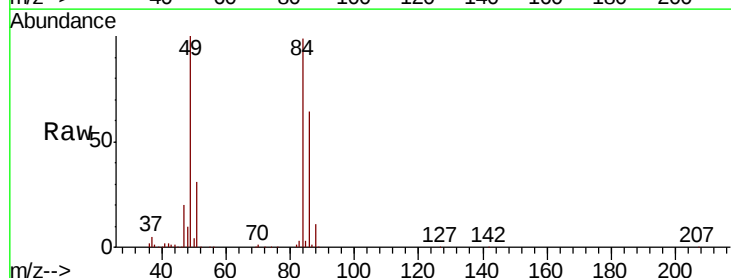
Tot Ion: 73 Resp: 635589
 Ion Ratio Lower Upper
 73 100
 57 19.8 16.2 24.2

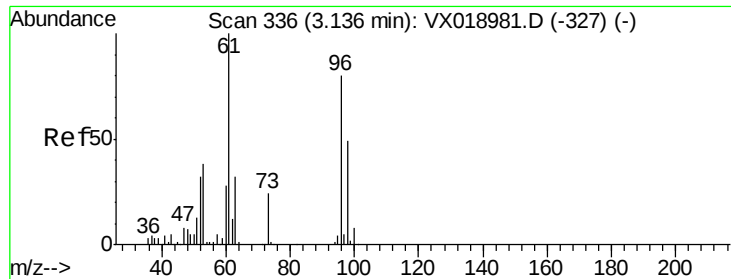


#20

Methylene Chloride
 Concen: 94.833 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX018982.D
 Acq: 20 Oct 2020 18:05

Tgt Ion: 84 Resp: 215609
 Ion Ratio Lower Upper
 84 100
 49 100.5 82.9 124.3
 51 30.9 26.4 39.6
 86 63.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 98.995 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

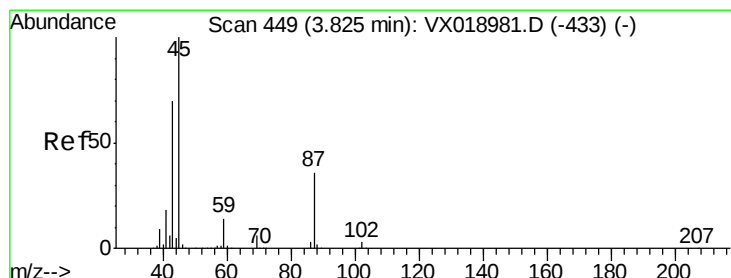
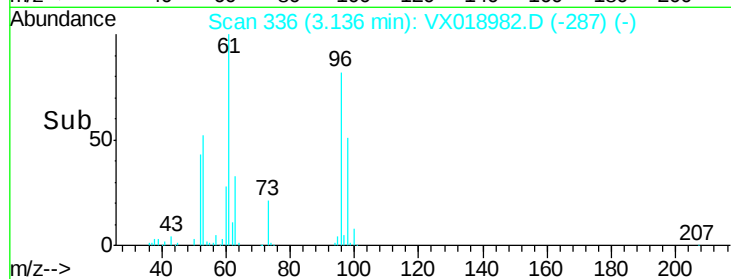
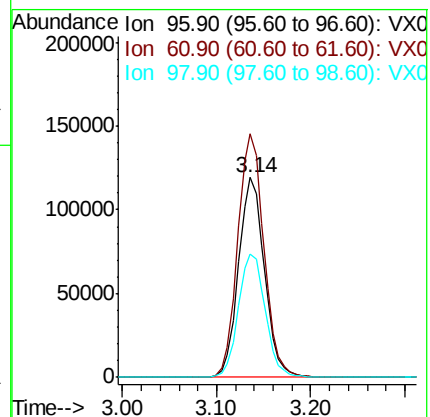
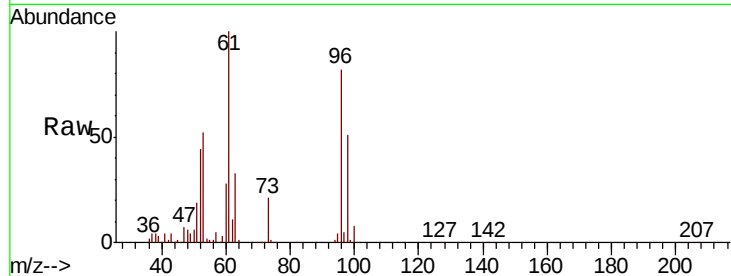
Tot Ion: 96 Resp: 228585

Ion Ratio Lower Upper

96 100

61 121.8 99.8 149.8

98 61.7 49.1 73.7



#22

Diisopropyl ether

Concen: 95.206 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Tgt Ion: 45 Resp: 511351

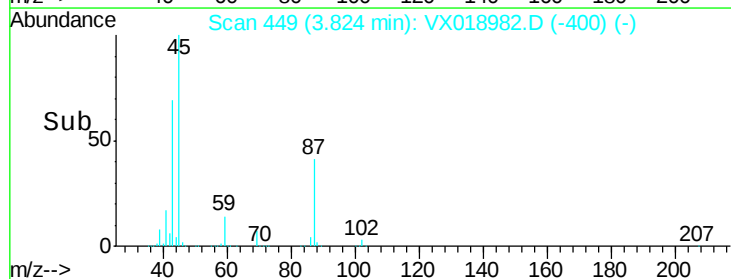
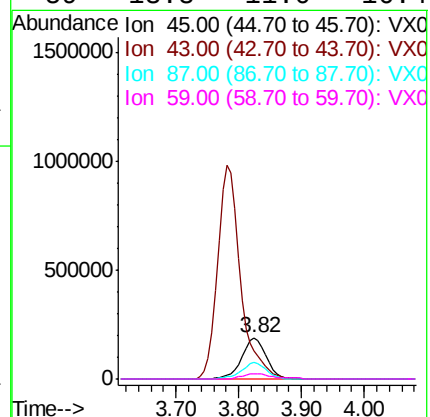
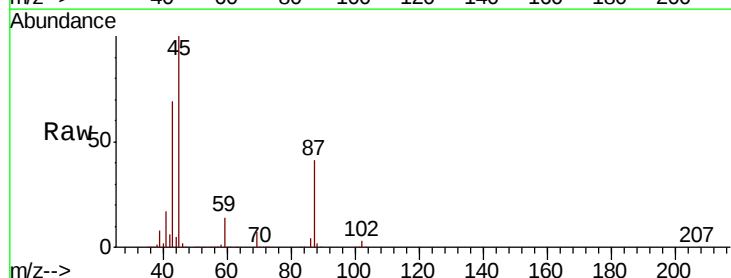
Ion Ratio Lower Upper

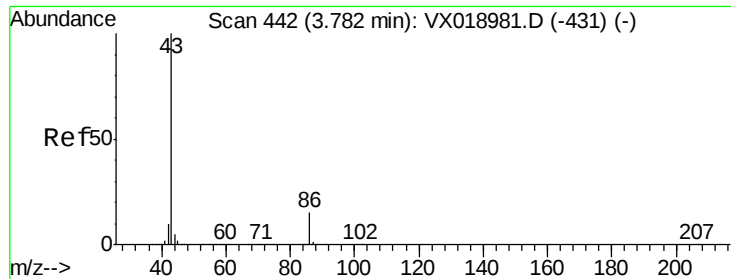
45 100

43 68.3 56.1 84.1

87 41.0 29.2 43.8

59 13.8 11.0 16.4





#23

Vinyl Acetate

Concen: 482.412 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampled :

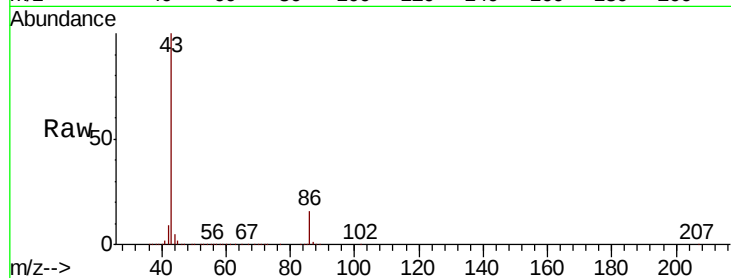
VSTDIC100

Tot Ion: 43 Resp: 2478271

Ion Ratio Lower Upper

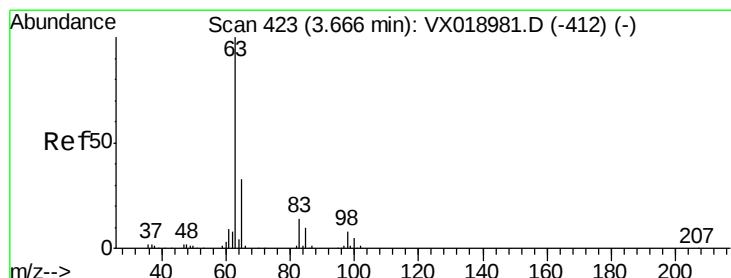
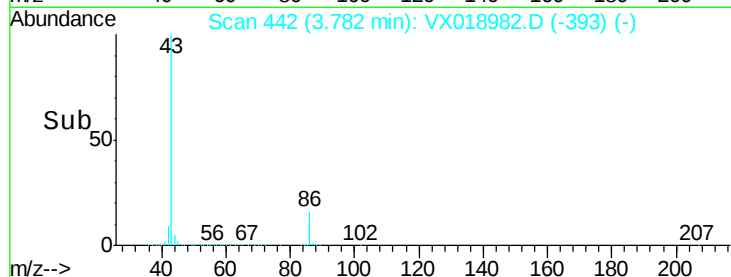
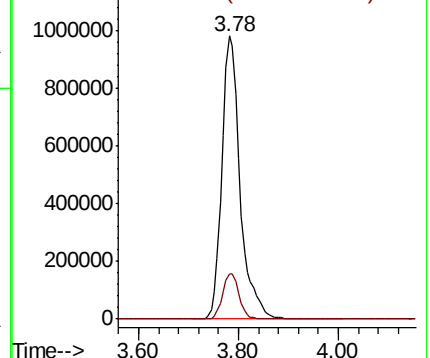
43 100

86 16.2 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 96.204 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

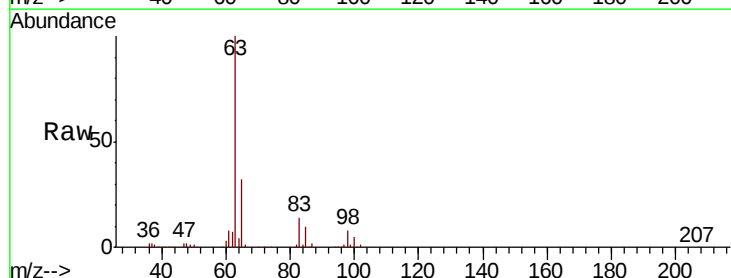
Tgt Ion: 63 Resp: 368114

Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.5

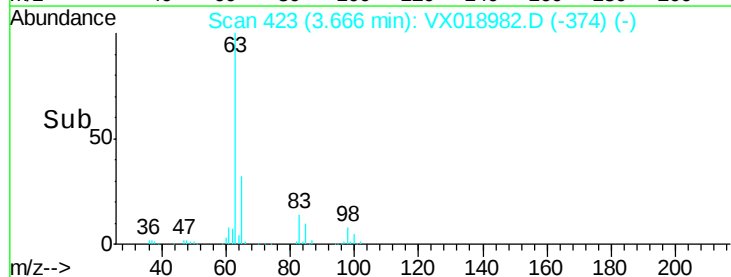
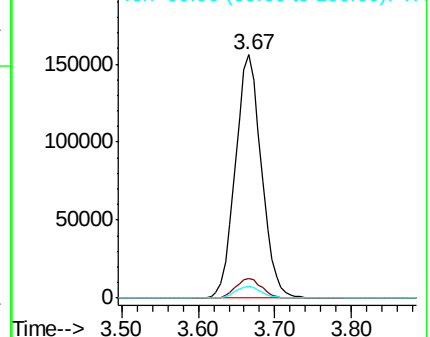
100 5.1 2.4 7.1

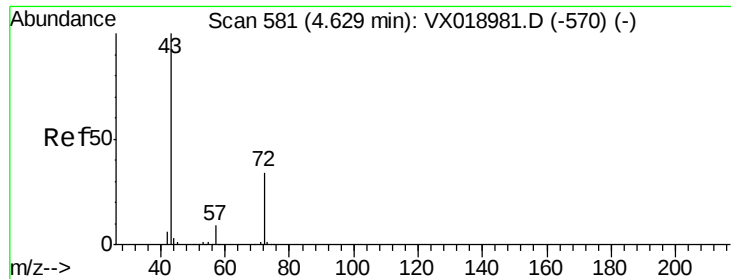


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 489.043 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

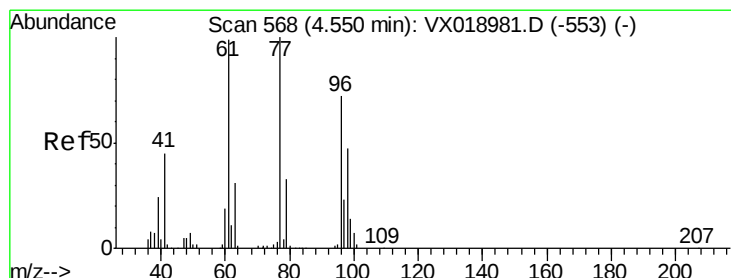
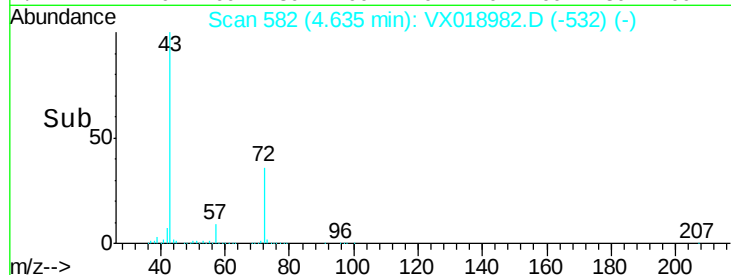
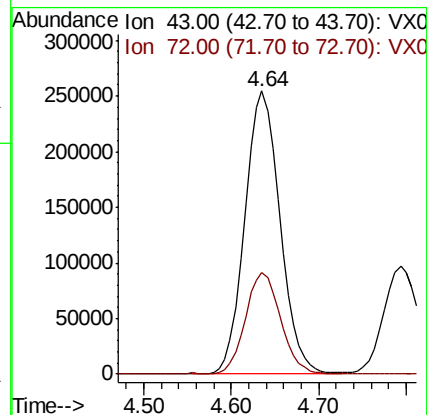
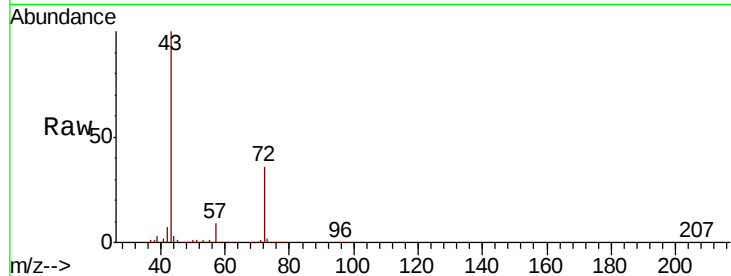
VSTDIC100

Tot Ion: 43 Resp: 710760

Ion Ratio Lower Upper

43 100

72 35.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 94.667 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018982.D

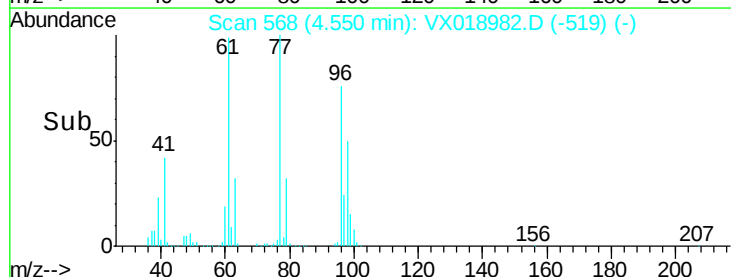
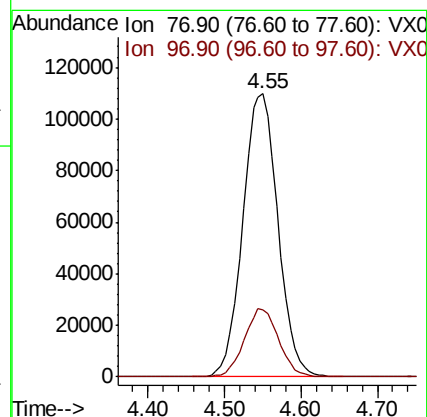
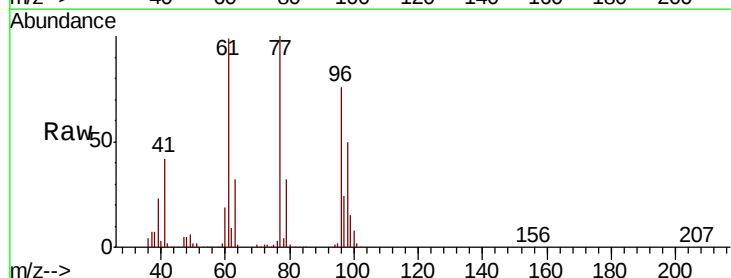
Acq: 20 Oct 2020 18:05

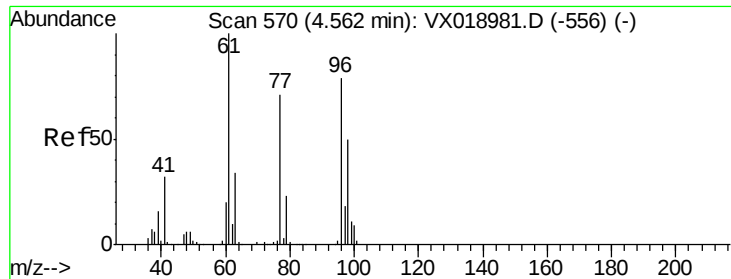
Tgt Ion: 77 Resp: 349726

Ion Ratio Lower Upper

77 100

97 23.7 11.5 34.4



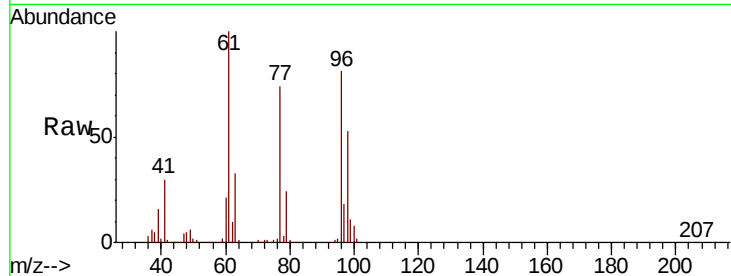


#27

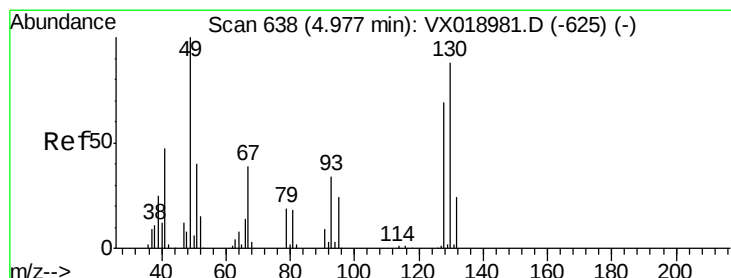
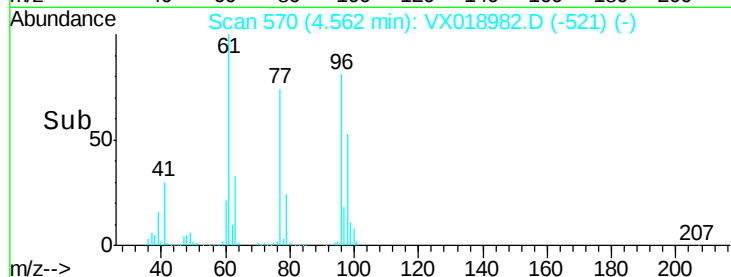
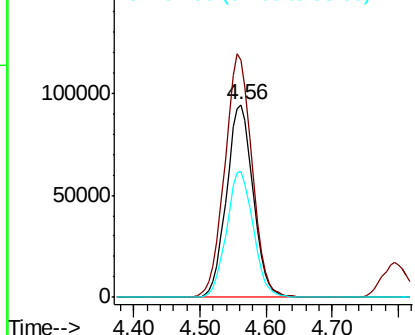
cis-1,2-Dichloroethene
 Concen: 98.012 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018982.D
 Acq: 20 Oct 2020 18:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.1	0.0	266.2
98	65.6	0.0	128.6



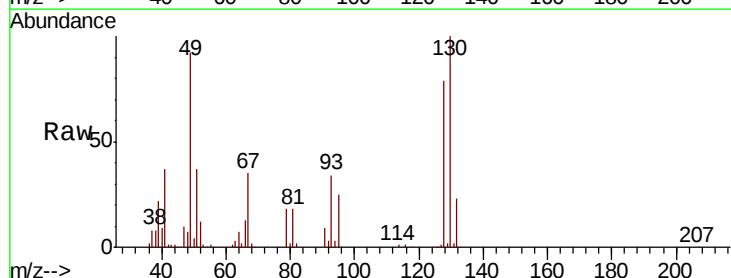
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



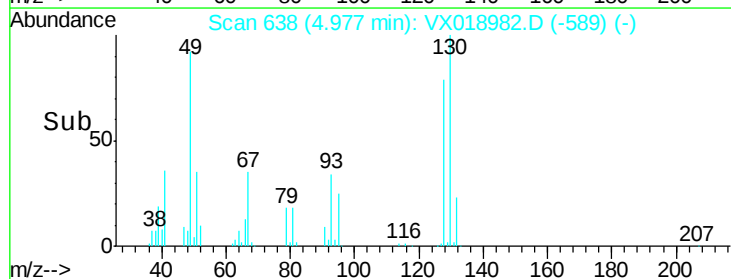
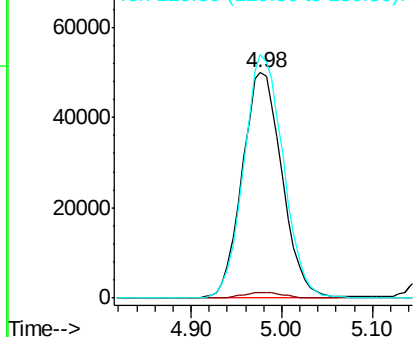
#28

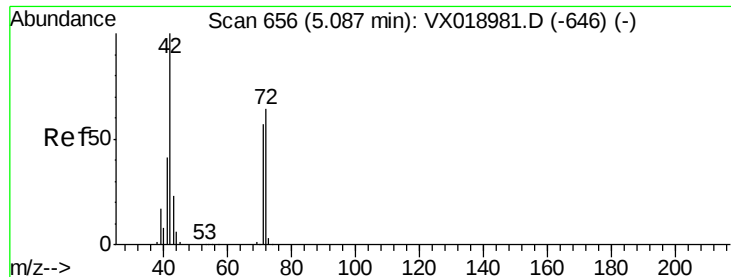
Bromochloromethane
 Concen: 93.780 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: VX018982.D
 Acq: 20 Oct 2020 18:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	107.0	74.0	111.0



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: 483.287 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

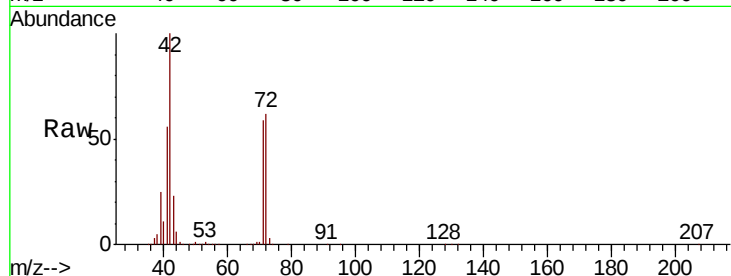
Tot Ion: 42 Resp: 411223

Ion Ratio Lower Upper

42 100

72 64.0 49.2 73.8

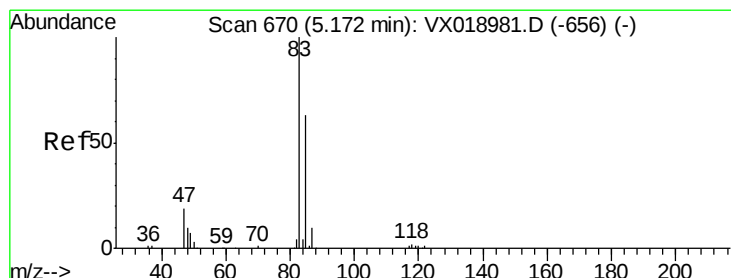
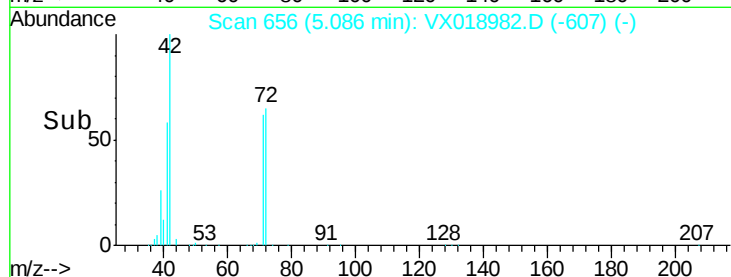
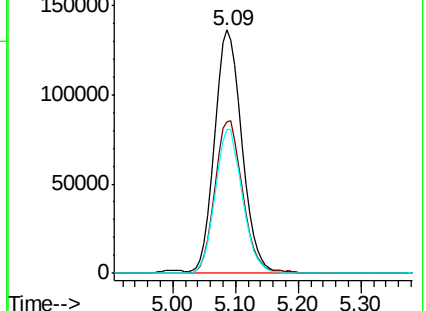
71 59.0 45.3 67.9



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: 100.457 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.00 min

Lab File: VX018982.D

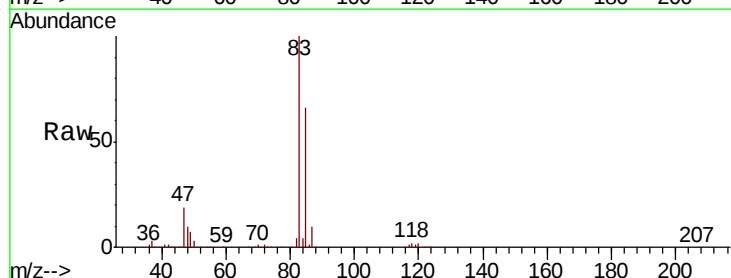
Acq: 20 Oct 2020 18:05

Tgt Ion: 83 Resp: 427794

Ion Ratio Lower Upper

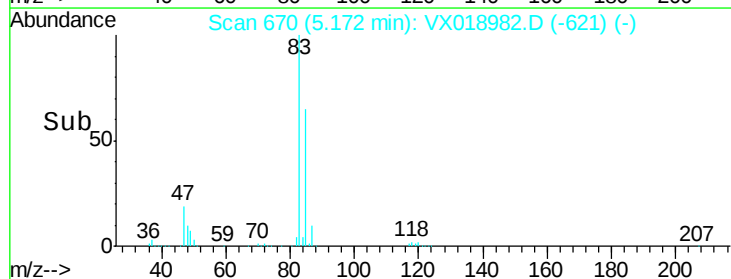
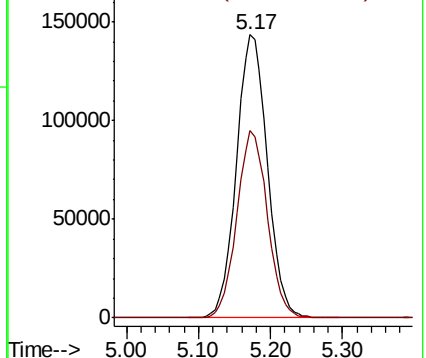
83 100

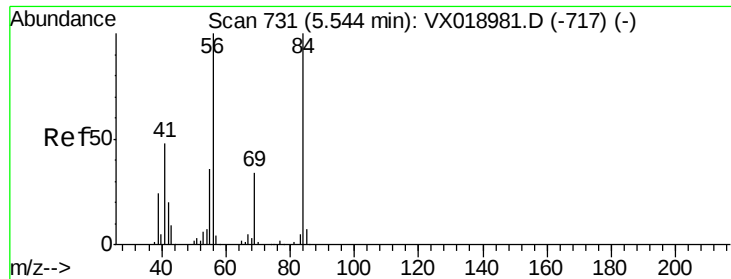
85 66.3 50.1 75.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

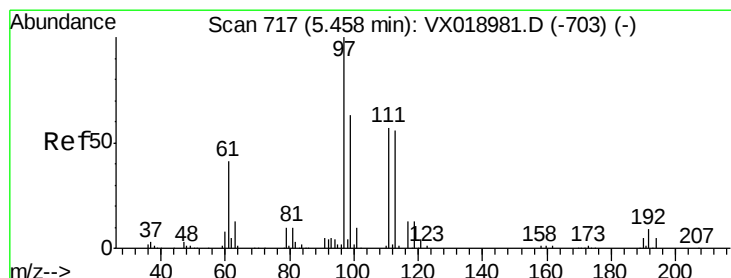
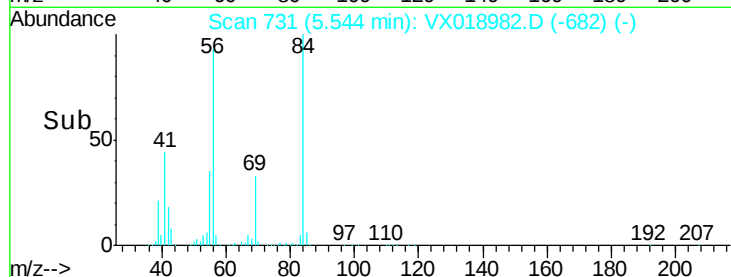
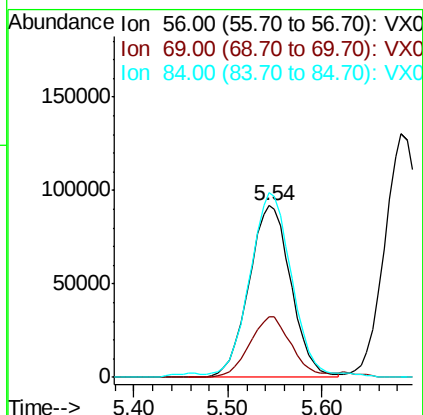
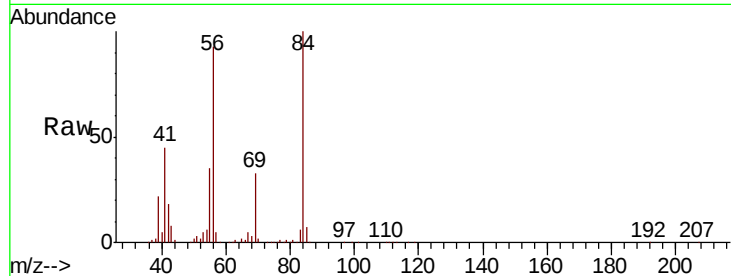




#31
Cyclohexane
Concen: 94.516 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

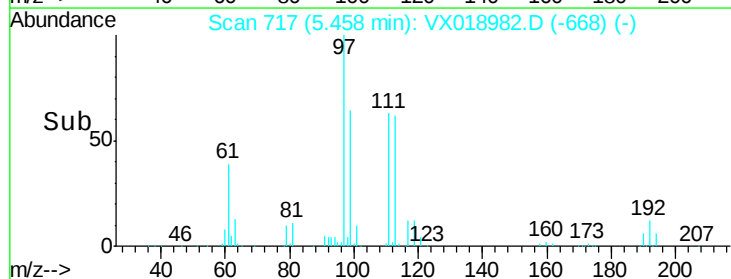
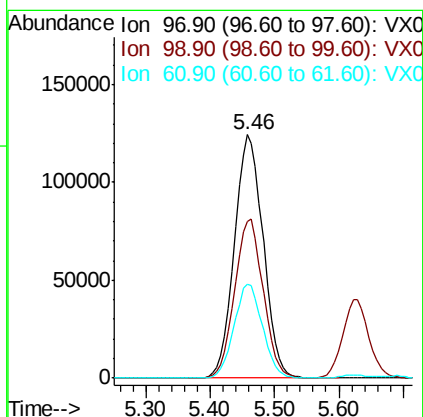
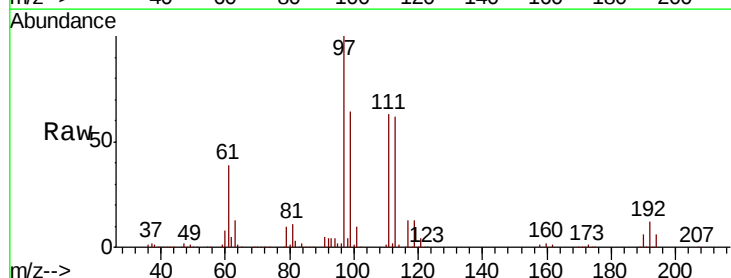
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

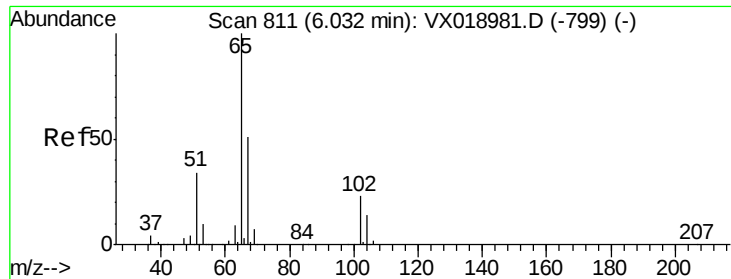
Tot Ion: 56 Resp: 287400
Ion Ratio Lower Upper
56 100
69 35.2 27.1 40.7
84 105.3 80.4 120.6



#32
1,1,1-Trichloroethane
Concen: 100.604 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

Tgt Ion: 97 Resp: 384837
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 38.5 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 94.285 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

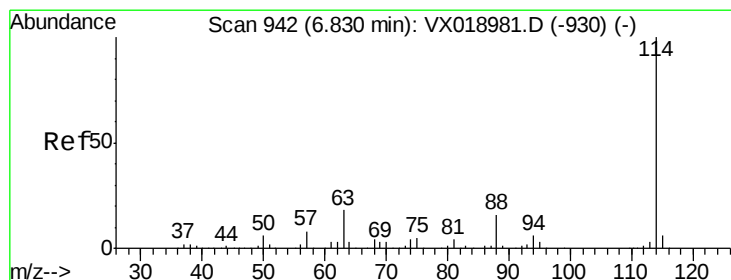
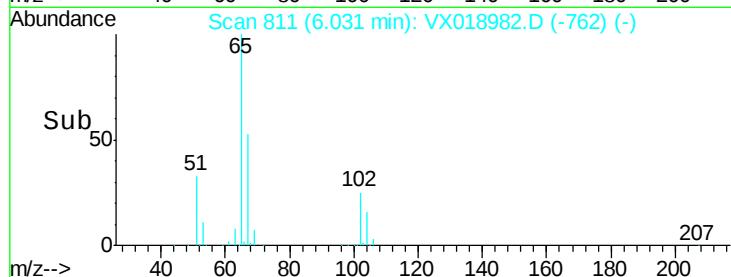
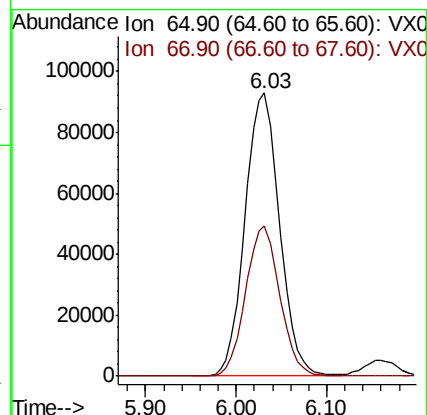
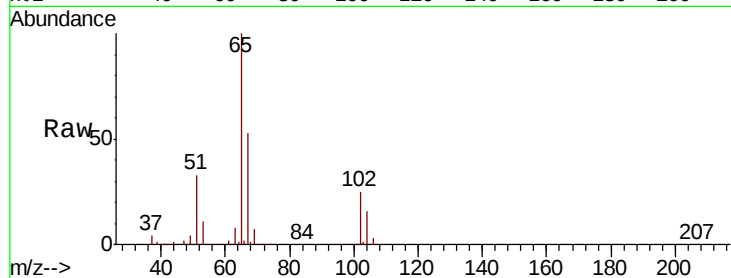
VSTDIC100

Tot Ion: 65 Resp: 245445

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

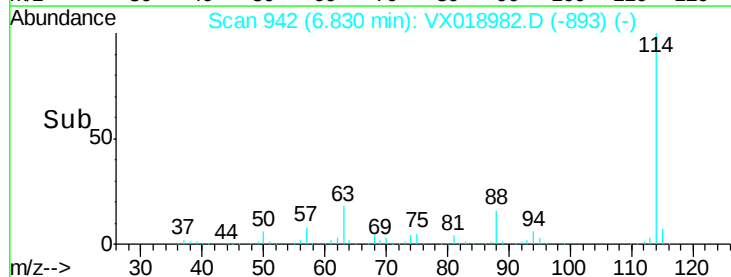
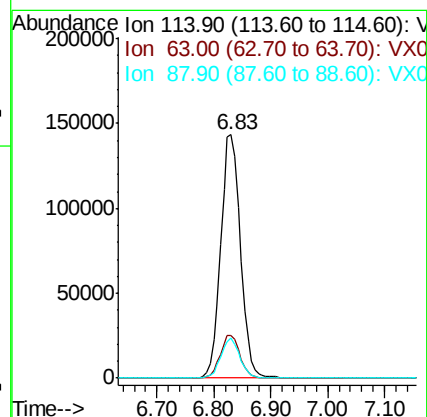
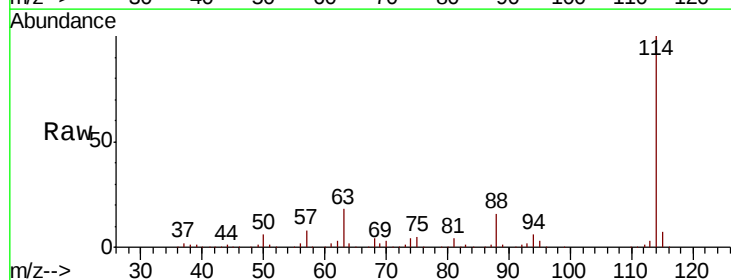
Tgt Ion: 114 Resp: 344003

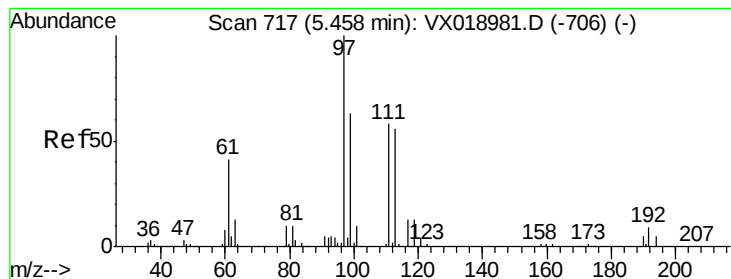
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.8

88 16.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 101.093 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

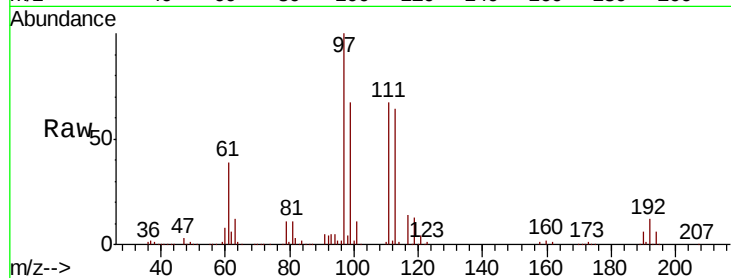
Tot Ion:113 Resp: 224115

Ion Ratio Lower Upper

113 100

111 102.5 84.1 126.1

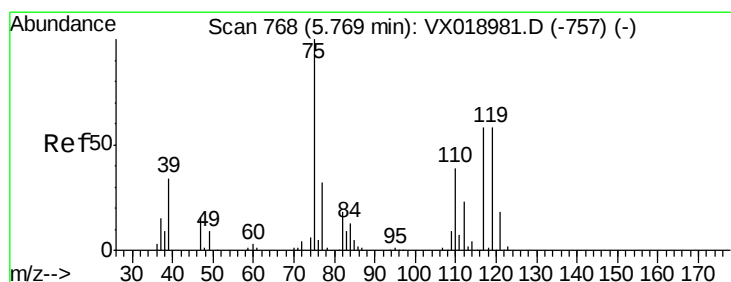
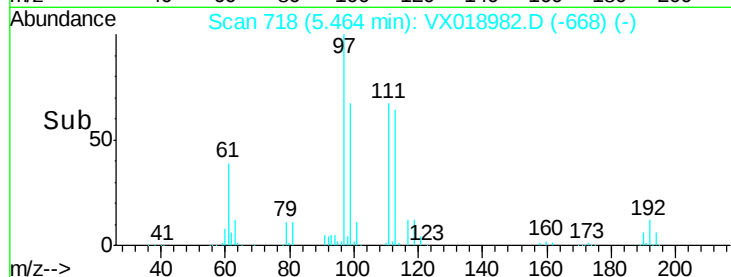
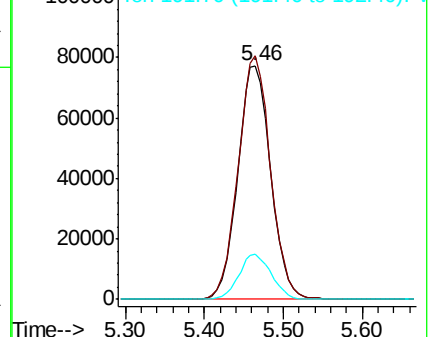
192 19.2 14.7 22.1



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: 98.343 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

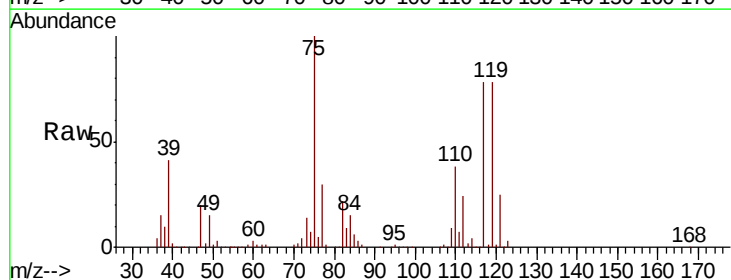
Tgt Ion: 75 Resp: 318810

Ion Ratio Lower Upper

75 100

110 38.2 18.6 55.6

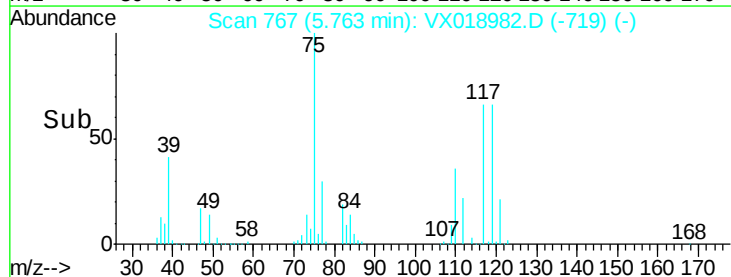
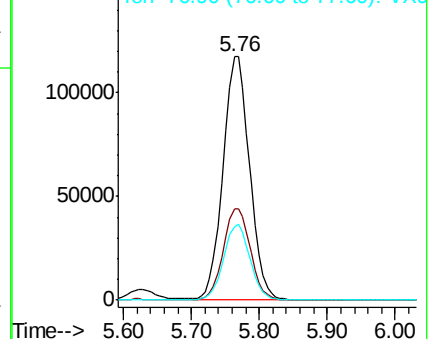
77 31.1 25.0 37.4

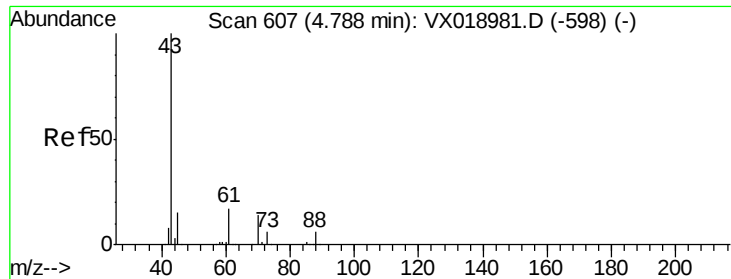


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 100.247 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

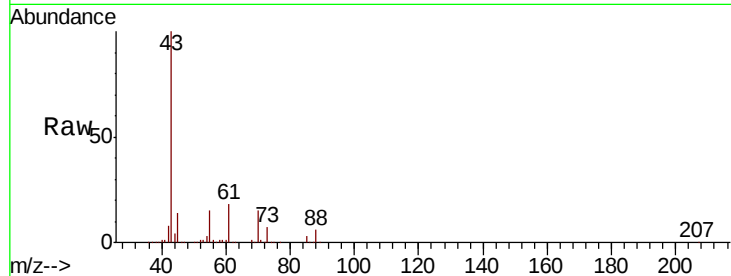
Tot Ion: 43 Resp: 278539

Ion Ratio Lower Upper

43 100

61 17.3 13.5 20.3

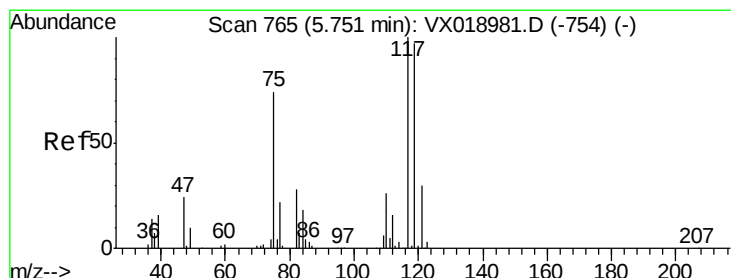
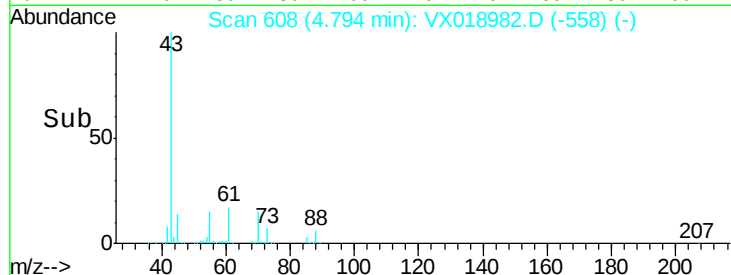
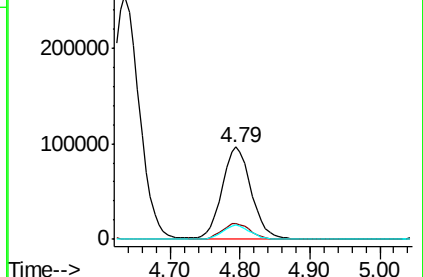
70 15.0 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX018982.D (-558) (-)

Ion 60.90 (60.60 to 61.60): VX018982.D (-558) (-)

Ion 70.00 (69.70 to 70.70): VX018982.D (-558) (-)



#38

Carbon Tetrachloride

Concen: 100.738 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

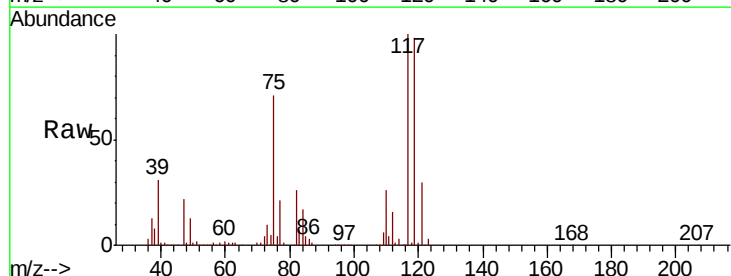
Tgt Ion: 117 Resp: 336531

Ion Ratio Lower Upper

117 100

119 98.2 77.6 116.4

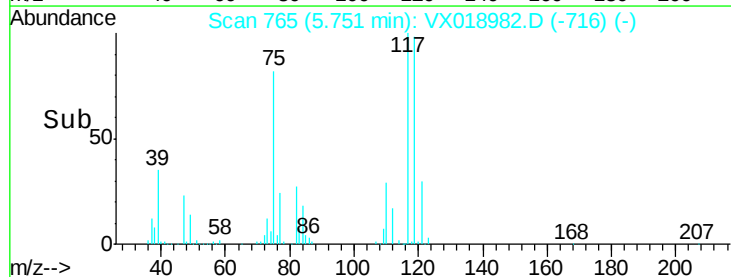
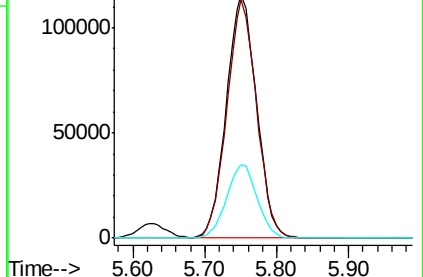
121 30.3 23.9 35.9

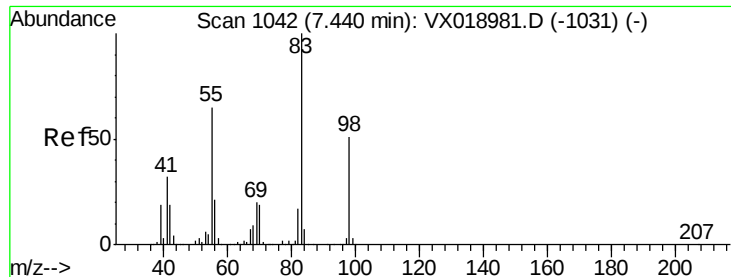


Abundance Ion 116.80 (116.50 to 117.50): VX018982.D (-716) (-)

Ion 118.80 (118.50 to 119.50): VX018982.D (-716) (-)

Ion 120.80 (120.50 to 121.50): VX018982.D (-716) (-)

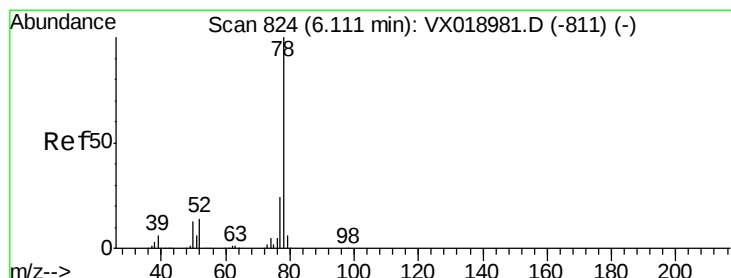
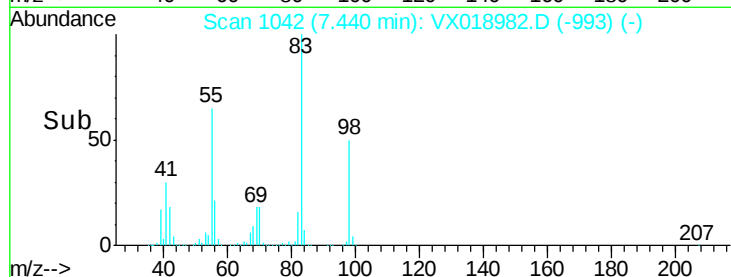
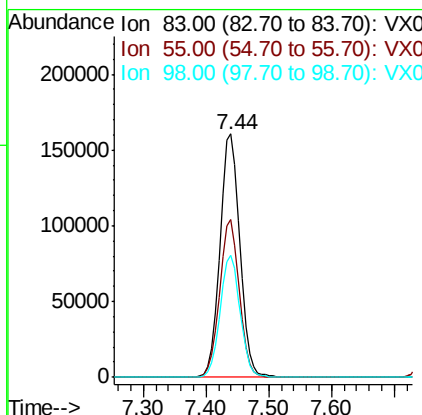
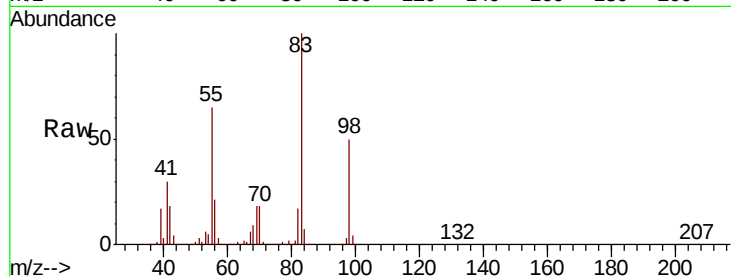




#39
Methvlcvclohexane
Concen: 99.747 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

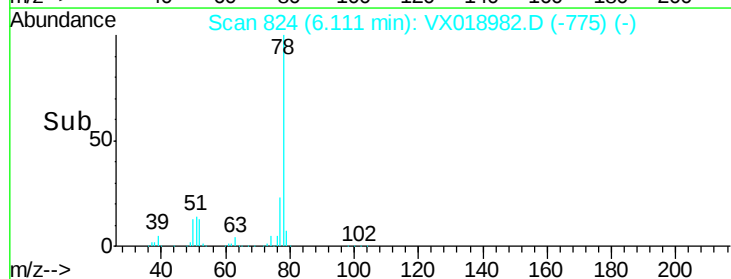
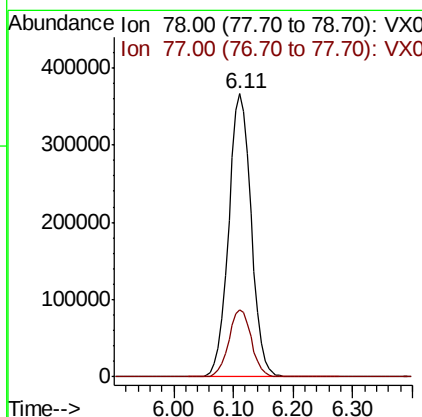
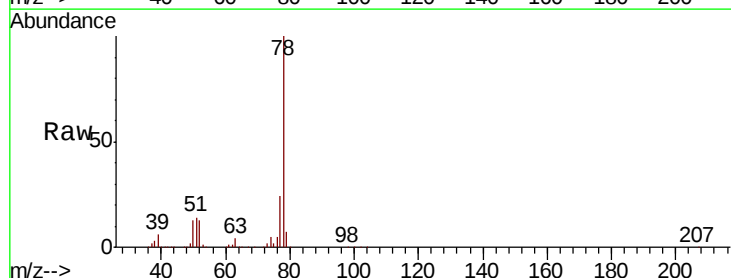
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

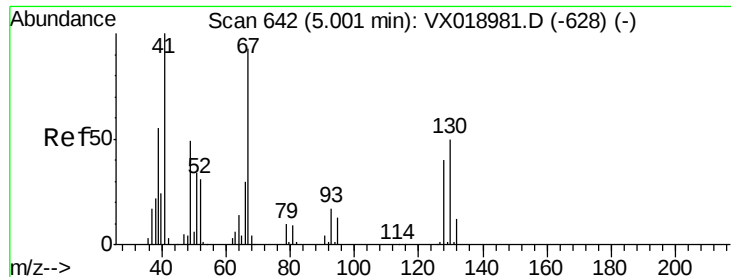
Tot Ion: 83 Resp: 353345
Ion Ratio Lower Upper
83 100
55 64.9 52.2 78.4
98 50.3 40.8 61.2



#40
Benzene
Concen: 101.648 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

Tgt Ion: 78 Resp: 958250
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3





#41

Methacrylonitrile

Concen: 95.012 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 145338

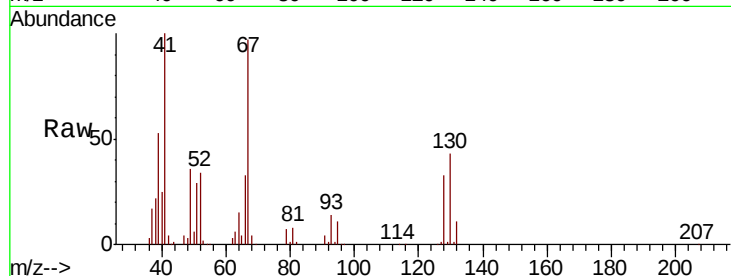
Ion Ratio Lower Upper

41 100

39 54.2 44.3 66.5

67 99.9 74.7 112.1

52 34.8 27.4 41.2

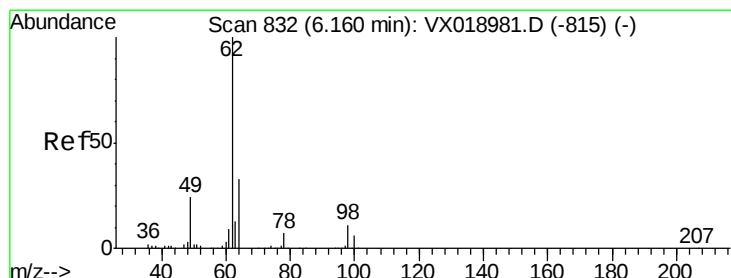
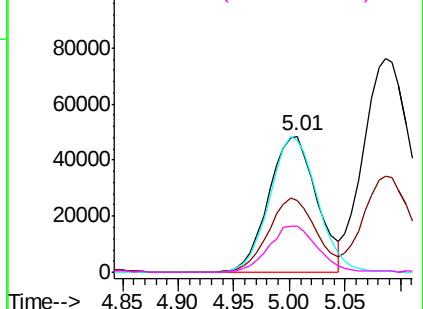
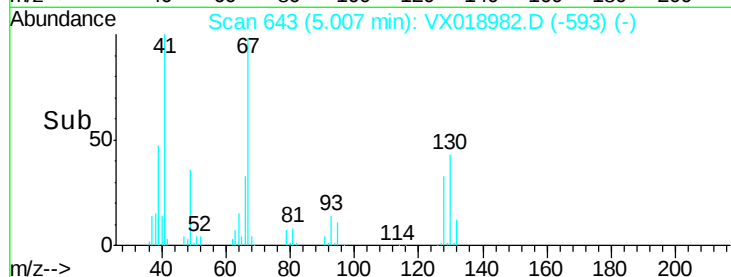


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 96.406 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX018982.D

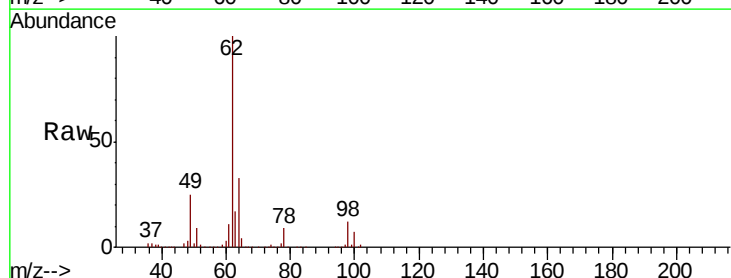
Acq: 20 Oct 2020 18:05

Tgt Ion: 62 Resp: 313920

Ion Ratio Lower Upper

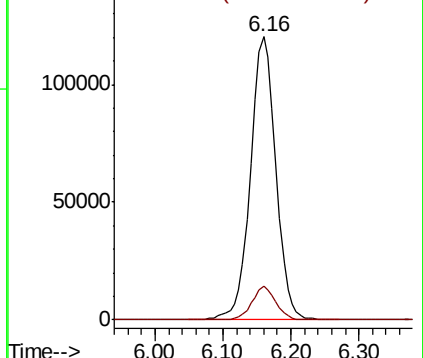
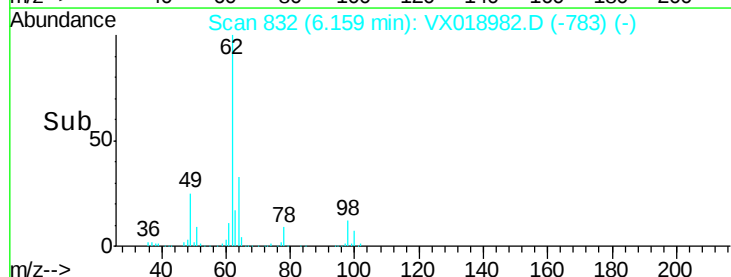
62 100

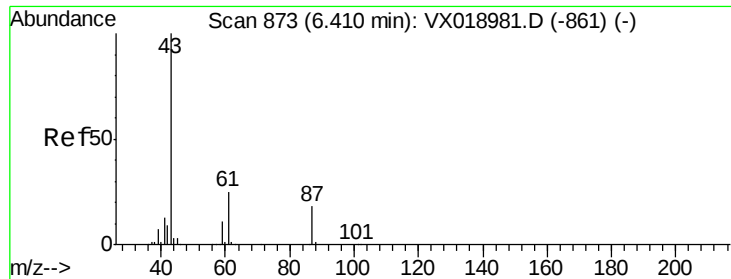
98 11.1 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



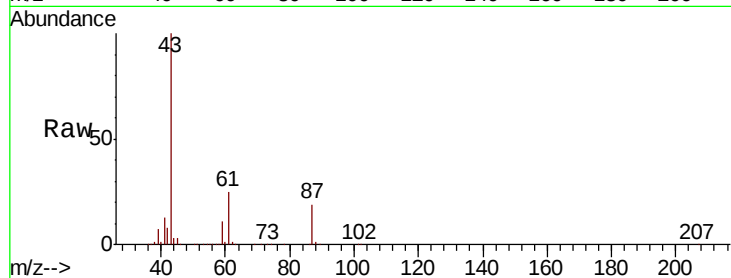


#43

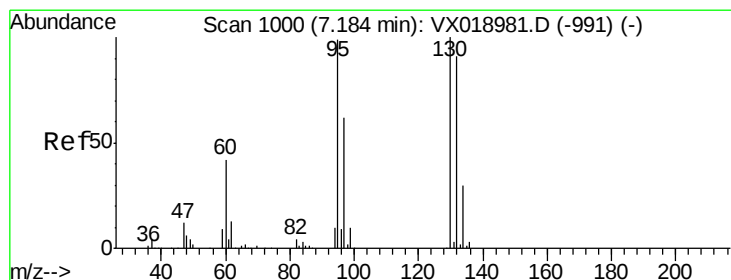
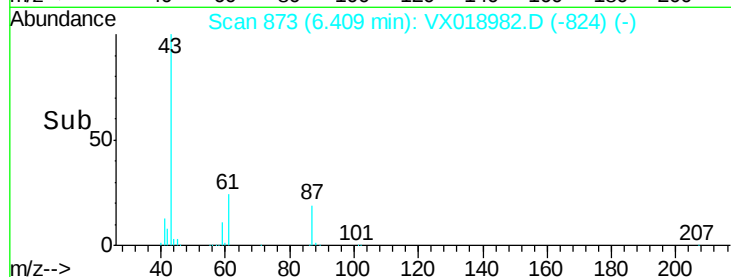
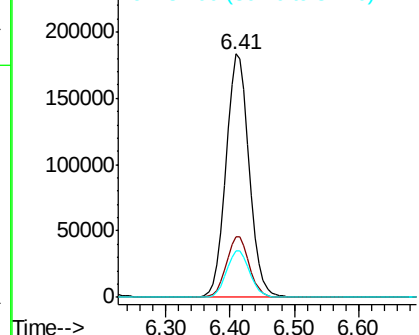
Isopropyl Acetate
 Concen: 95.385 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX018982.D
 Acq: 20 Oct 2020 18:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	43	Resp	463377
Ion	Ratio	Lower	Upper
43	100		
61	25.0	19.3	28.9
87	19.2	14.3	21.5



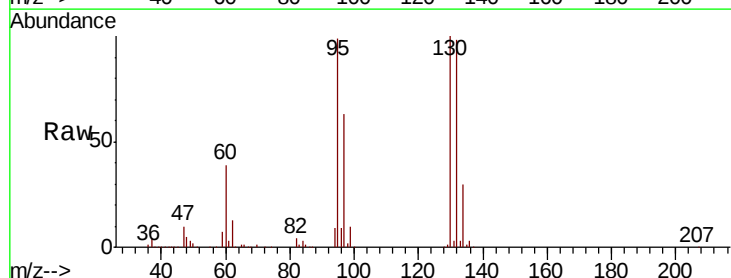
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



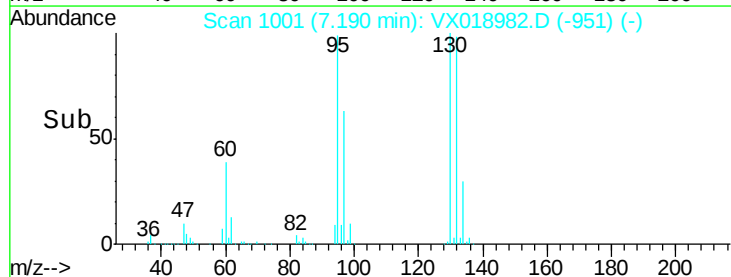
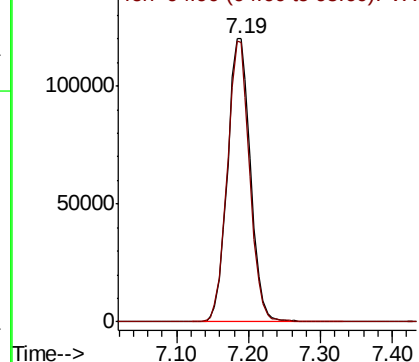
#44

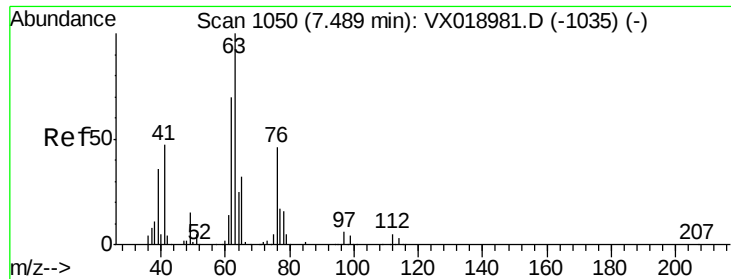
Trichloroethene
 Concen: 100.715 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX018982.D
 Acq: 20 Oct 2020 18:05

Tgt Ion	130	Resp	266740
Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	198.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 99.202 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

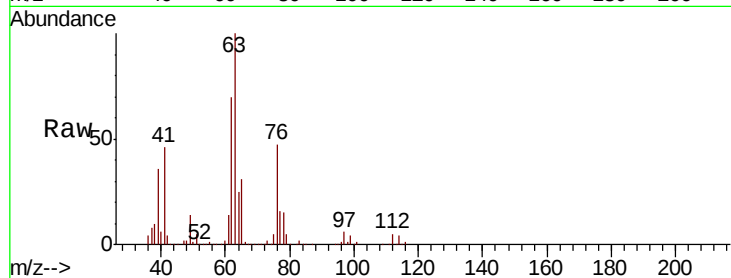
VSTDIC100

Tot Ion: 63 Resp: 224940

Ion Ratio Lower Upper

63 100

65 30.8 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

120000

100000

80000

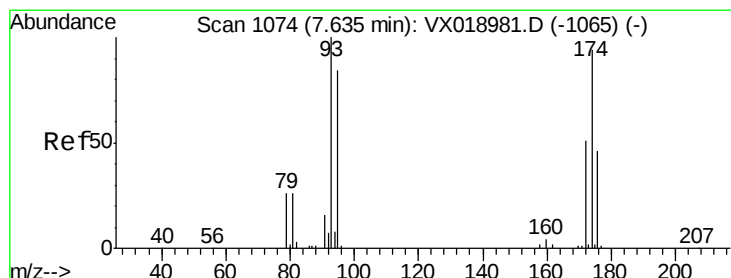
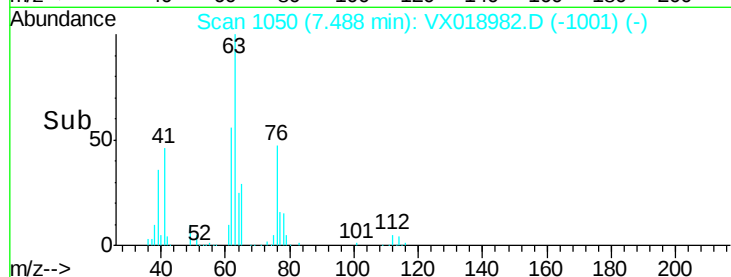
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 102.017 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

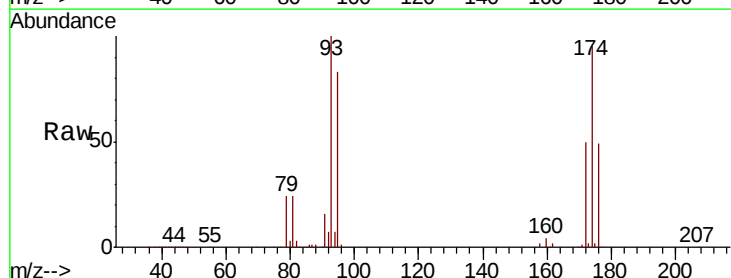
Tgt Ion: 93 Resp: 172189

Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

174 97.0 74.5 111.7



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.63

120000

100000

80000

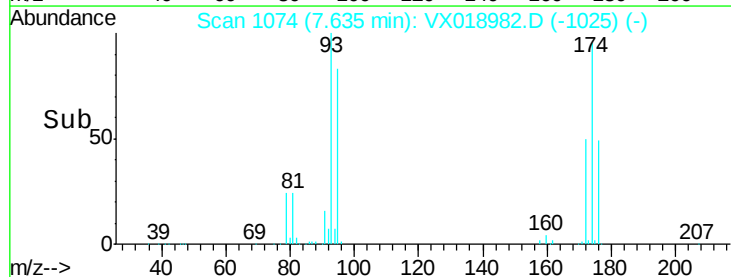
60000

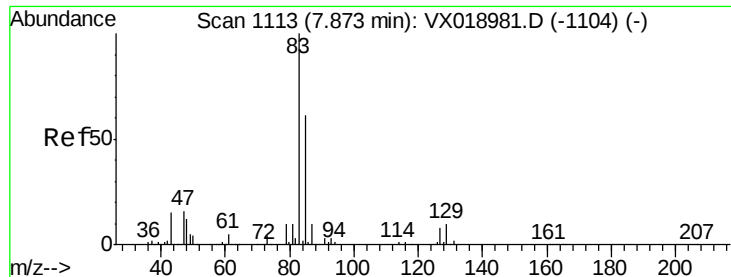
40000

20000

0

Time--> 7.60 7.70





#47

Bromodichloromethane

Concen: 104.047 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

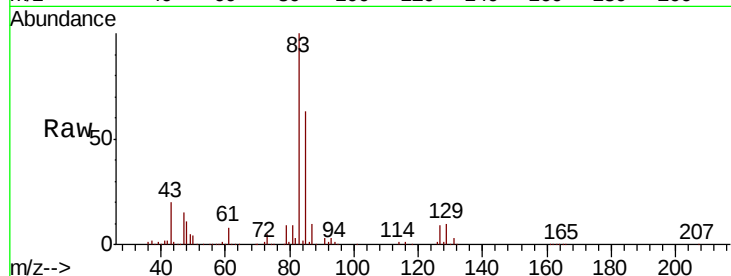
Tot Ion: 83 Resp: 352363

Ion Ratio Lower Upper

83 100

85 63.0 48.6 73.0

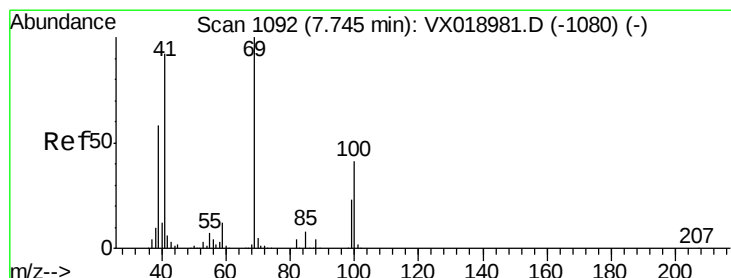
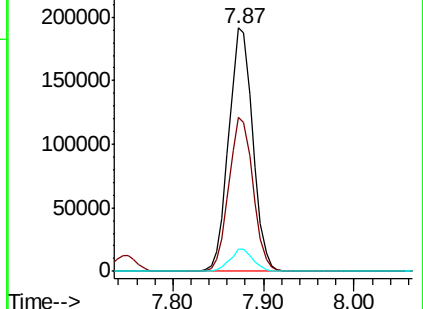
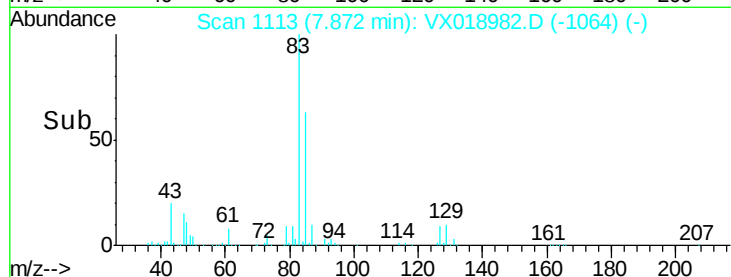
127 8.9 6.3 9.5



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: 97.366 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

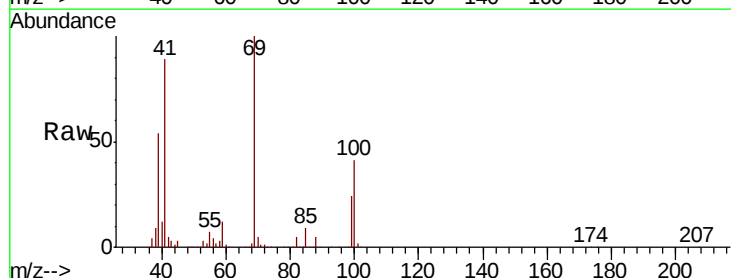
Tgt Ion: 41 Resp: 217675

Ion Ratio Lower Upper

41 100

69 113.6 88.0 132.0

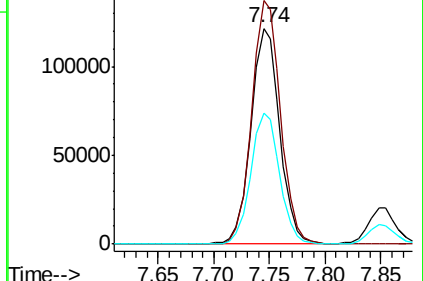
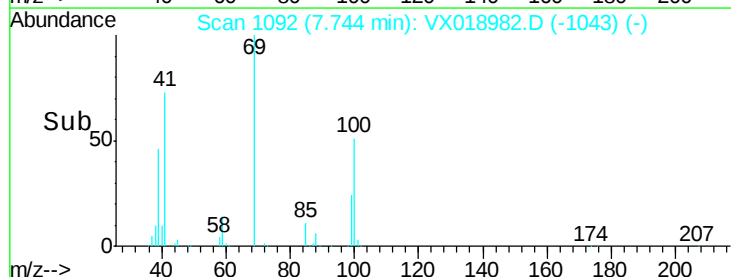
39 60.9 49.9 74.9

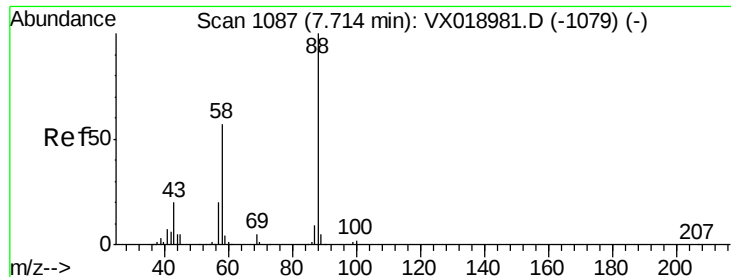


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

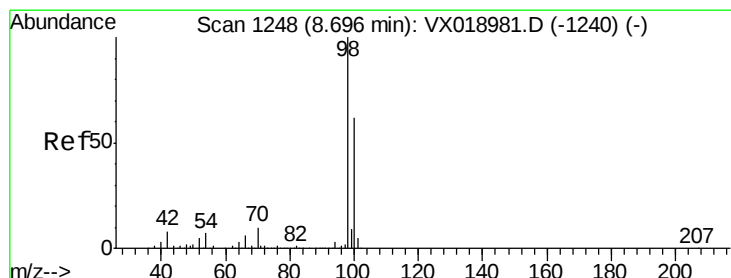
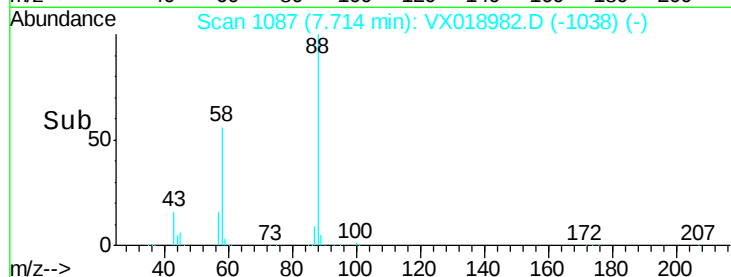
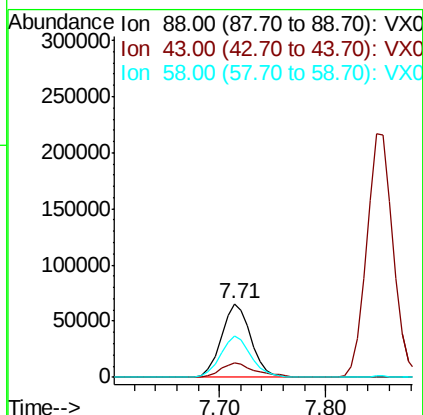
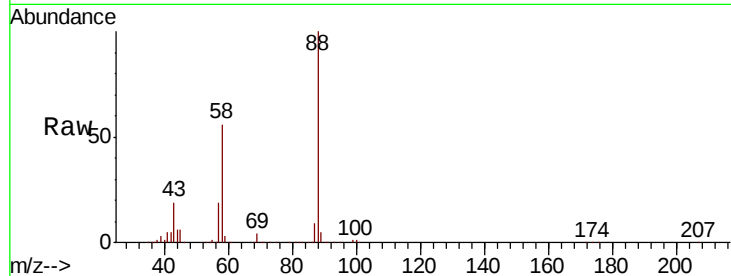




#49
1,4-Dioxane
Concen: 2223.964 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

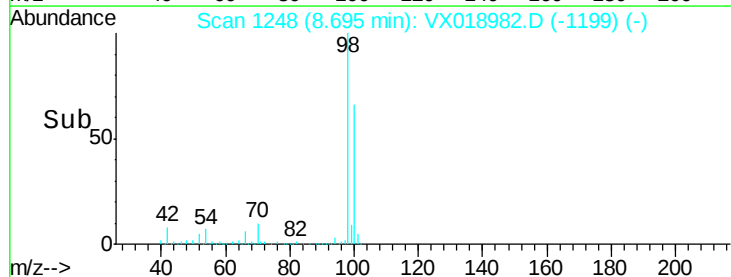
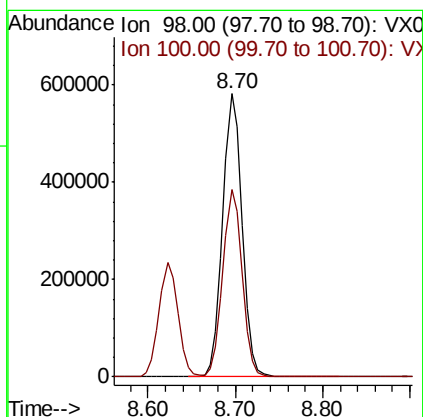
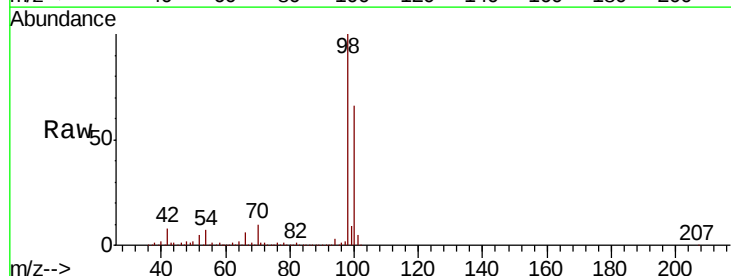
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

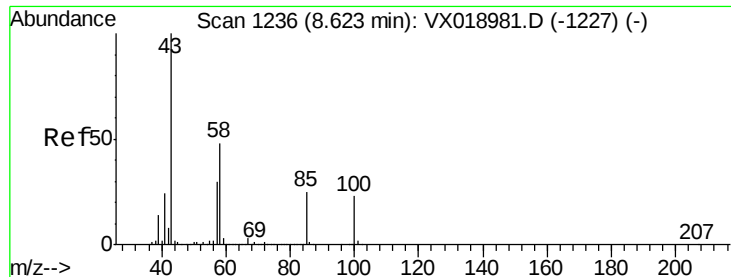
Tot Ion	88	Resp	124821
Ion	Ratio	Lower	Upper
88	100		
43	23.3	20.4	30.6
58	58.5	49.3	73.9



#50
Toluene-d8
Concen: 102.641 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

Tgt Ion	98	Resp	892342
Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 507.585 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

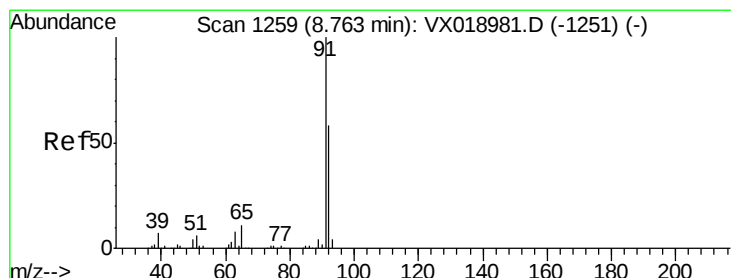
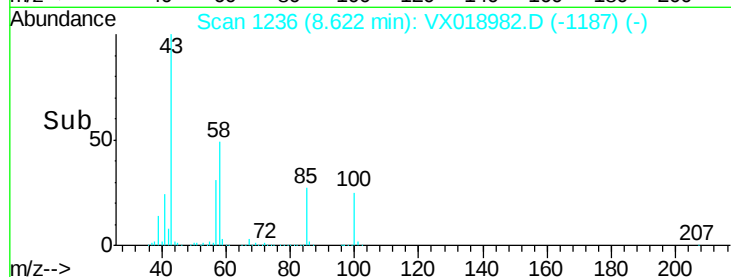
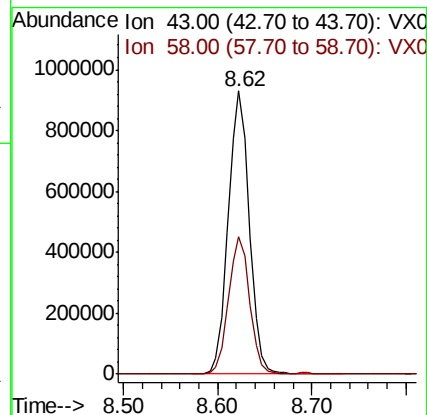
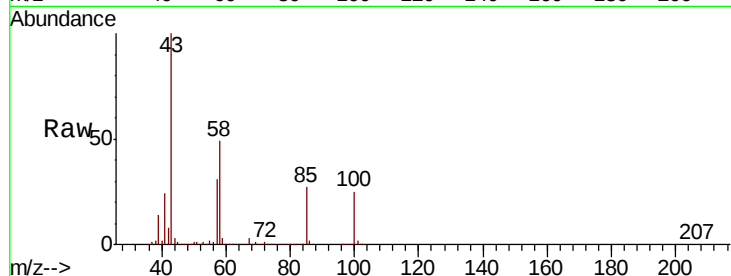
VSTDIC100

Tot Ion: 43 Resp: 1442772

Ion Ratio Lower Upper

43 100

58 48.5 37.8 56.8



#52

Toluene

Concen: 106.454 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX018982.D

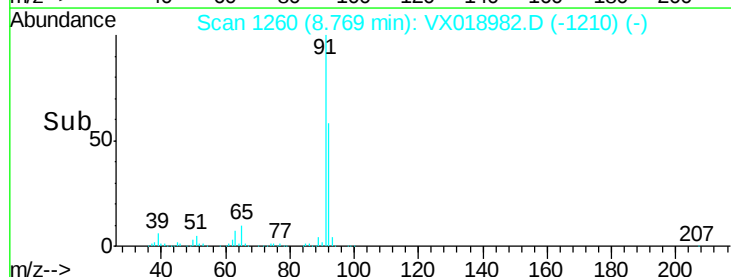
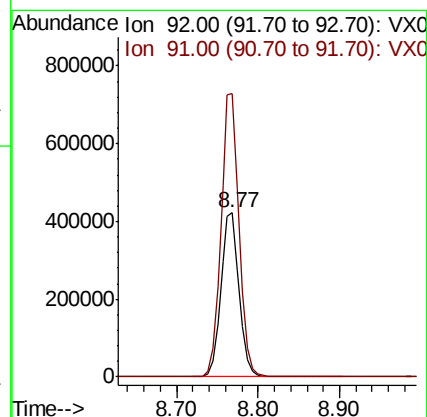
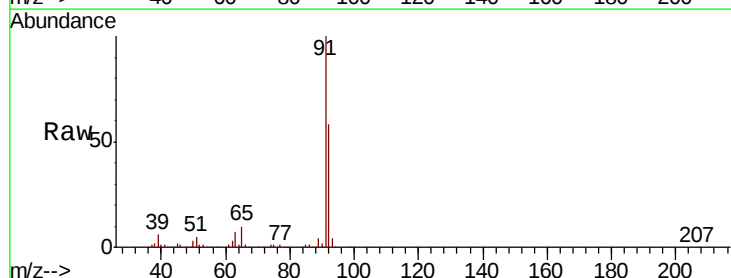
Acq: 20 Oct 2020 18:05

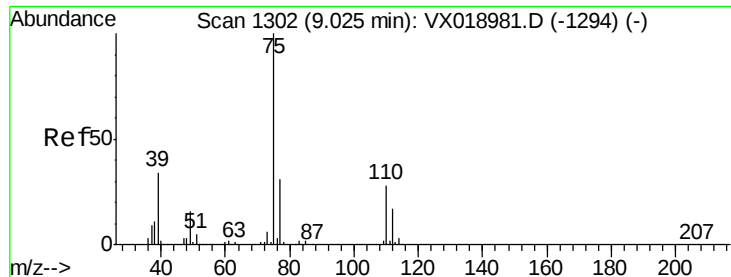
Tgt Ion: 92 Resp: 655750

Ion Ratio Lower Upper

92 100

91 172.4 136.5 204.7





#53

t-1,3-Dichloropropene

Concen: 105.501 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

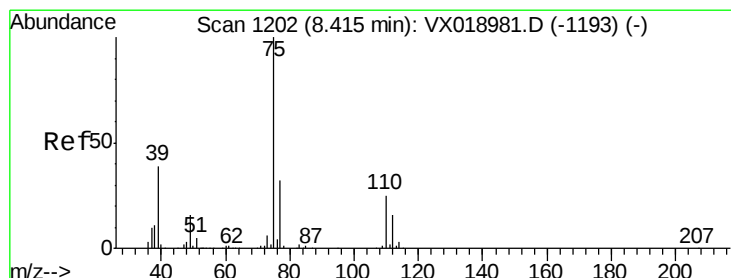
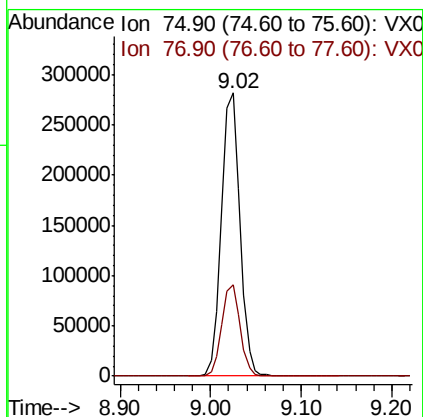
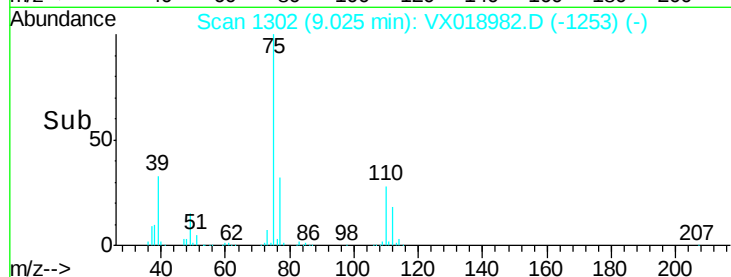
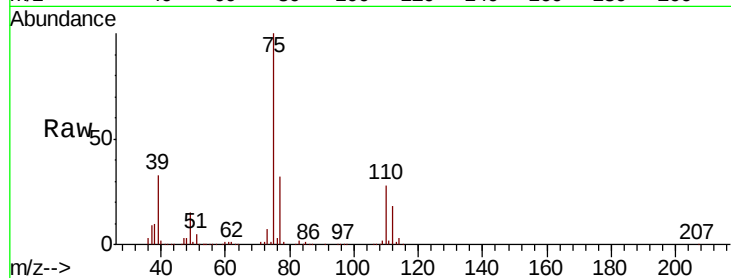
VSTDIC100

Tot Ion: 75 Resp: 404212

Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 103.783 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

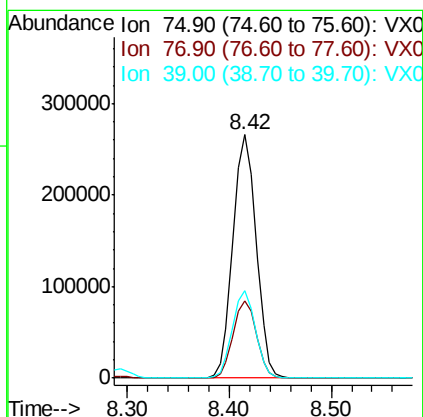
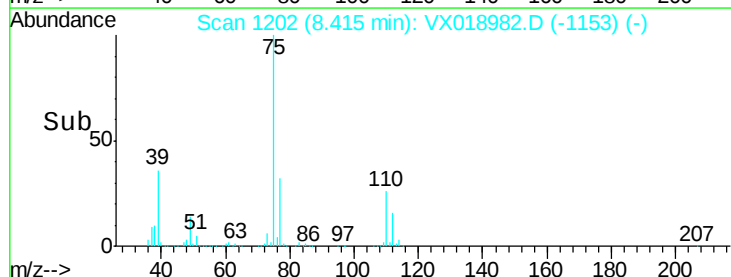
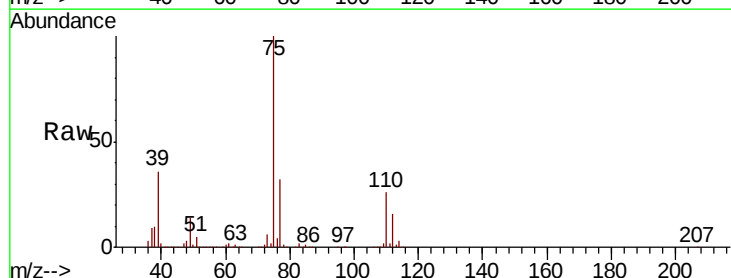
Tgt Ion: 75 Resp: 419398

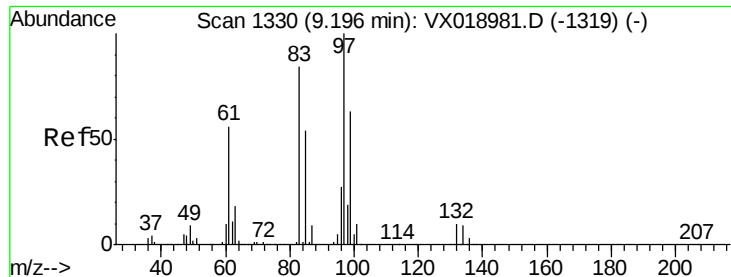
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 36.0 31.3 46.9

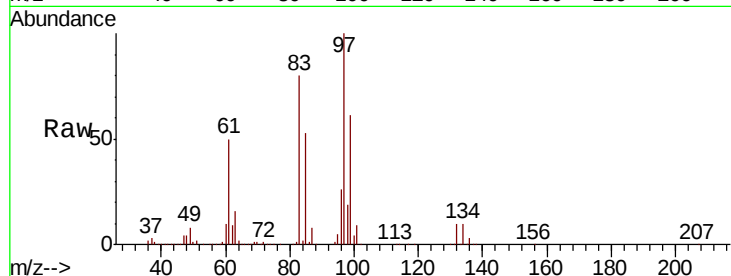




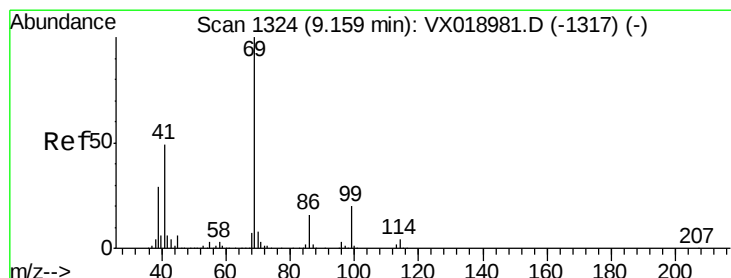
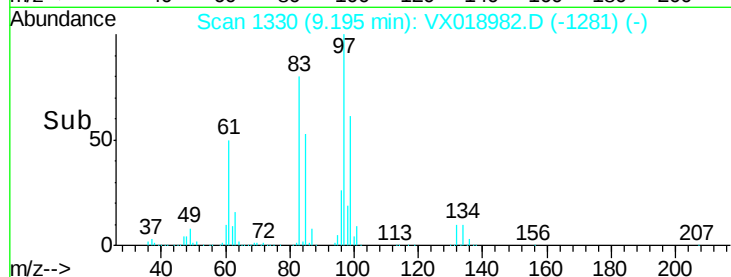
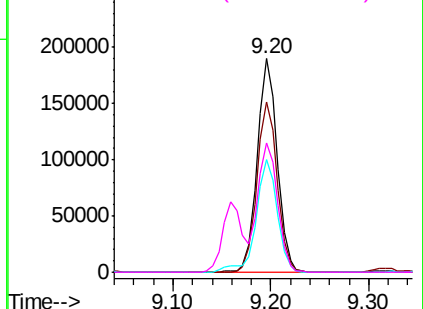
#55
 1,1,2-Trichloroethane
 Concen: 108.848 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018982.D
 Acq: 20 Oct 2020 18:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	268641
Ion	Ratio	Lower	Upper
97	100		
83	79.5	67.4	101.0
85	52.5	43.1	64.7
99	60.5	50.5	75.7

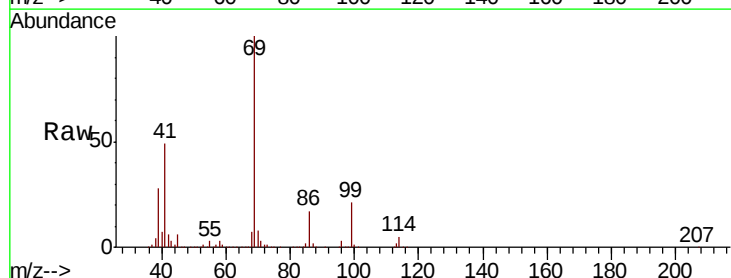


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

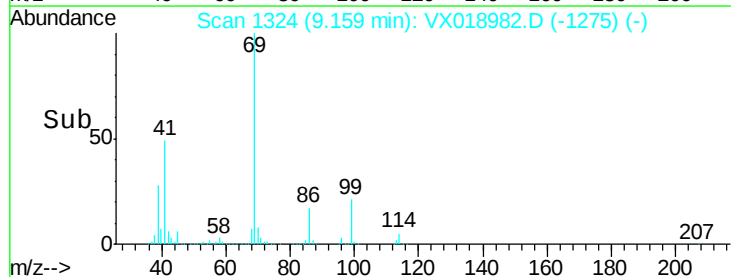
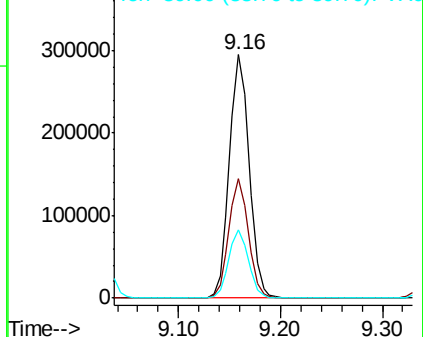


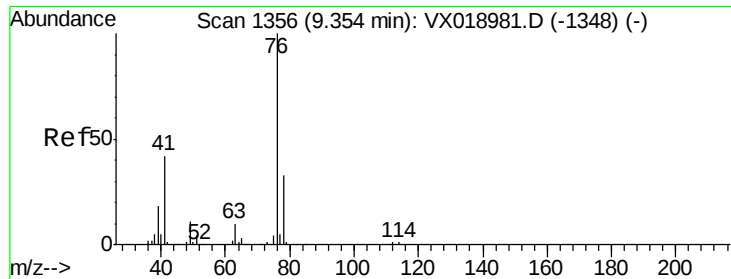
#56
 Ethyl methacrylate
 Concen: 106.803 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018982.D
 Acq: 20 Oct 2020 18:05

Tgt Ion:	69	Resp:	395479
Ion	Ratio	Lower	Upper
69	100		
41	48.1	39.8	59.6
39	27.9	23.8	35.6



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: 103.816 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

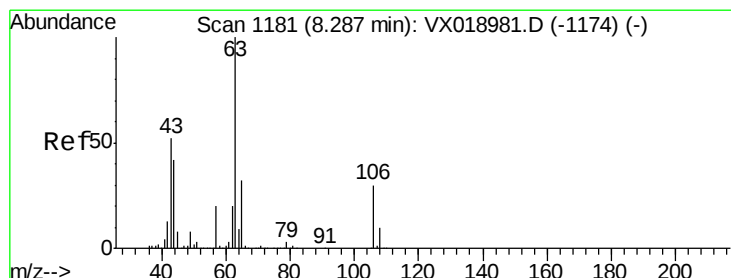
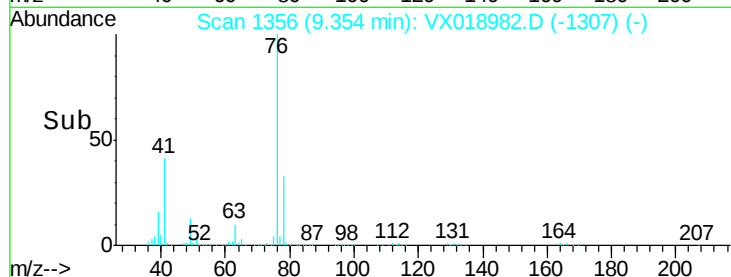
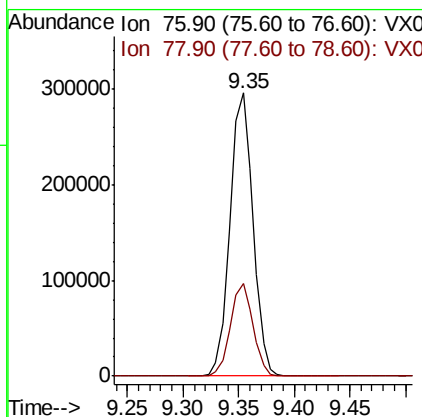
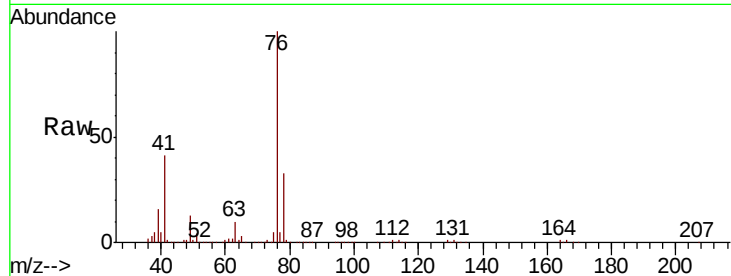
VSTDIC100

Tot Ion: 76 Resp: 422537

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 519.450 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX018982.D

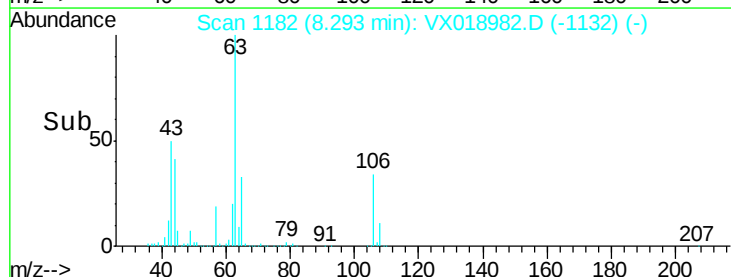
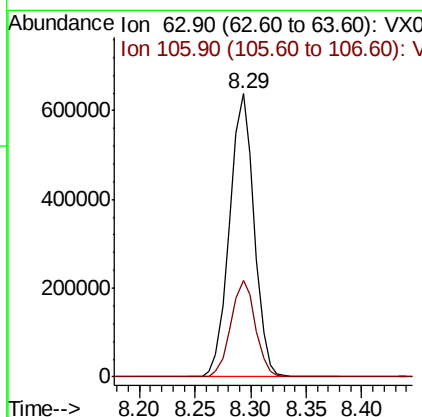
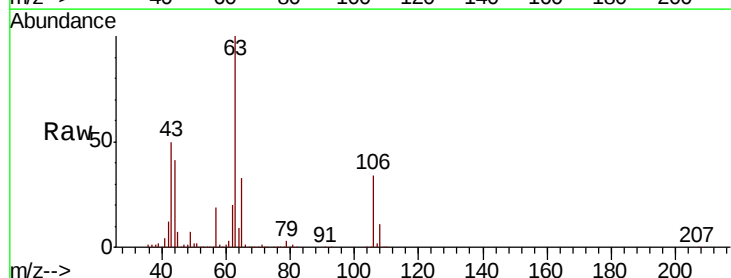
Acq: 20 Oct 2020 18:05

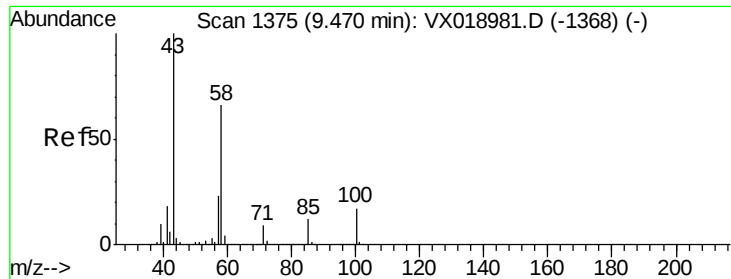
Tgt Ion: 63 Resp: 974311

Ion Ratio Lower Upper

63 100

106 34.0 25.0 37.4

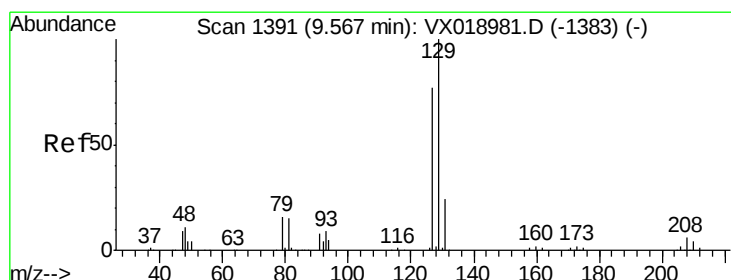
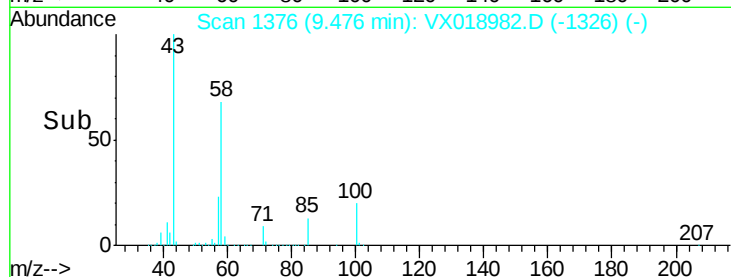
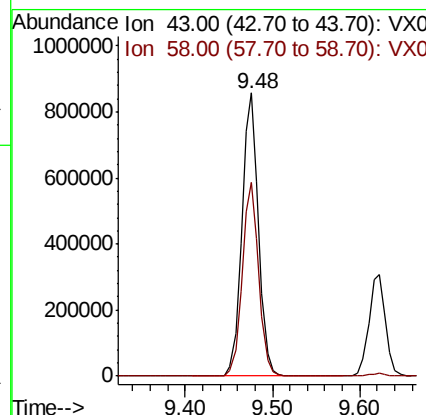
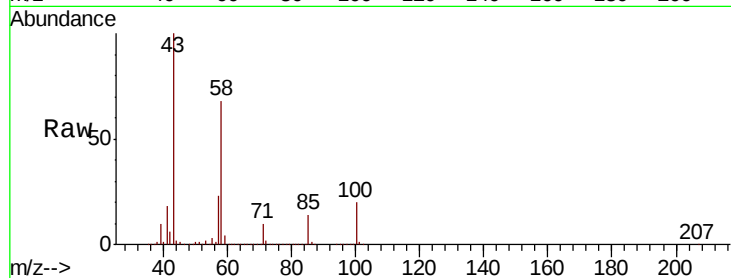




#59
2-Hexanone
Concen: 515.174 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

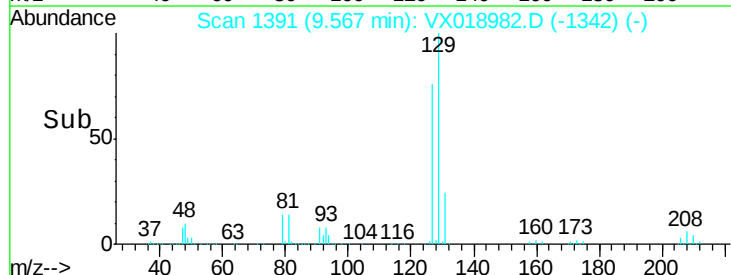
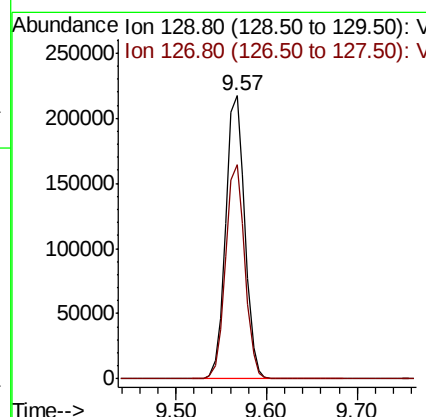
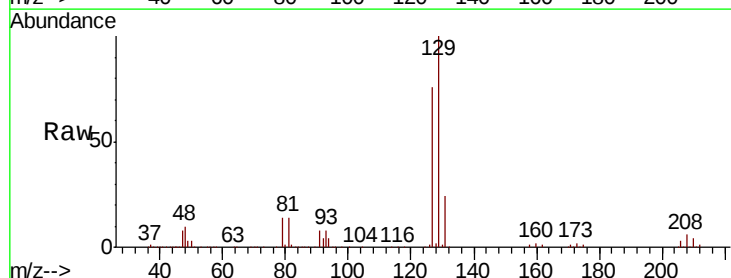
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

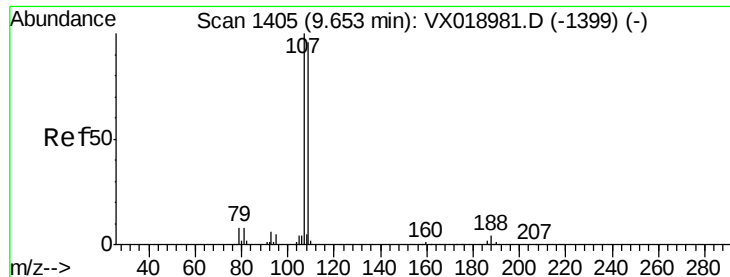
Tot Ion: 43 Resp: 1133541
Ion Ratio Lower Upper
43 100
58 67.9 33.0 99.0



#60
Dibromochloromethane
Concen: 115.144 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

Tgt Ion: 129 Resp: 318882
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.4





#61

1,2-Dibromoethane

Concen: 110.856 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

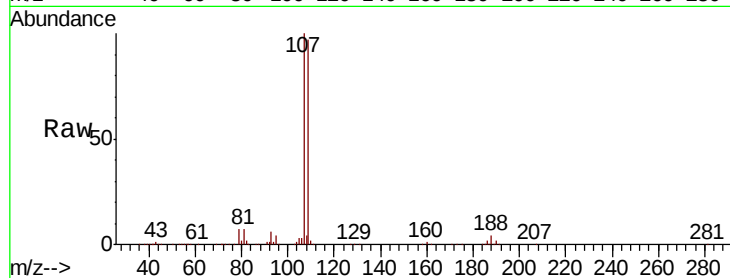
VSTDIC100

Tot Ion:107 Resp: 293171

Ion Ratio Lower Upper

107 100

109 95.4 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

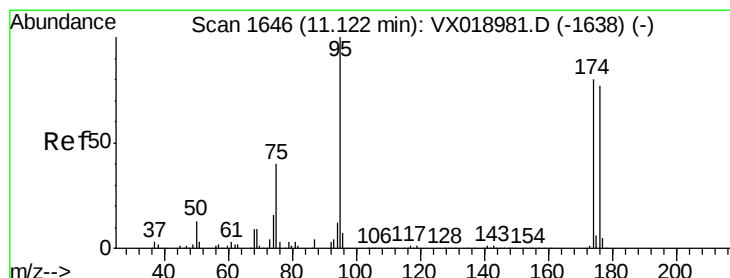
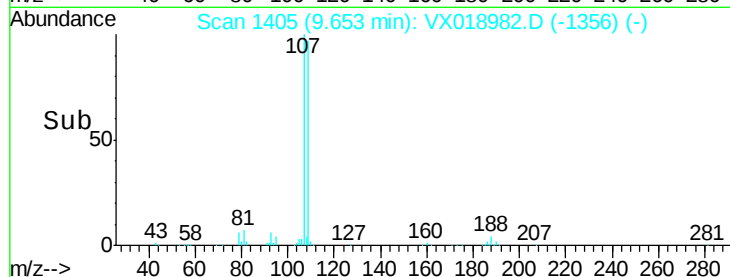
100000

50000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 105.516 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

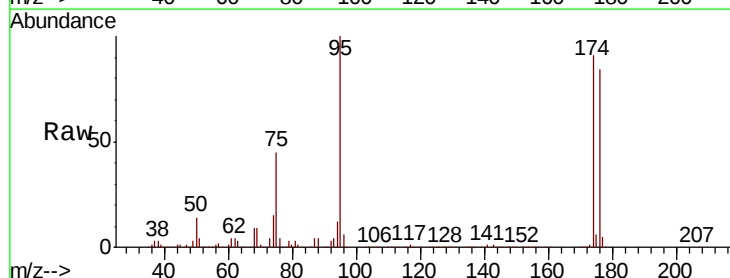
Tgt Ion: 95 Resp: 343176

Ion Ratio Lower Upper

95 100

174 87.3 0.0 159.8

176 84.3 0.0 152.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

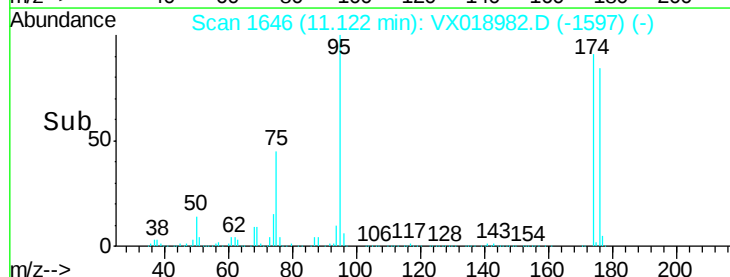
200000

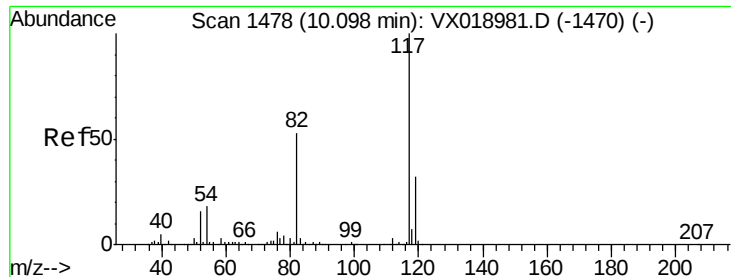
100000

0

11.10 11.20

Time-->

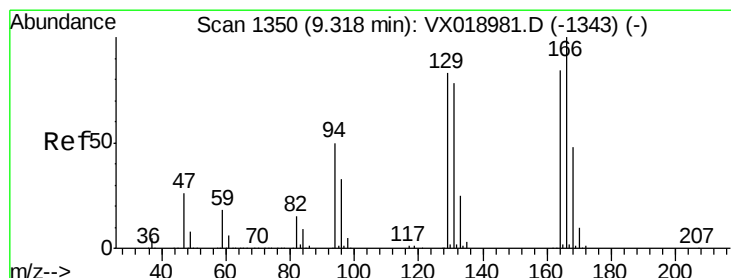
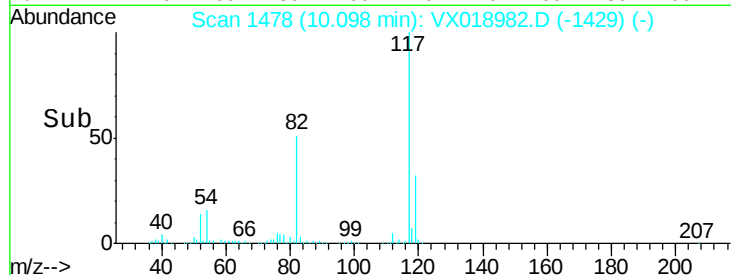
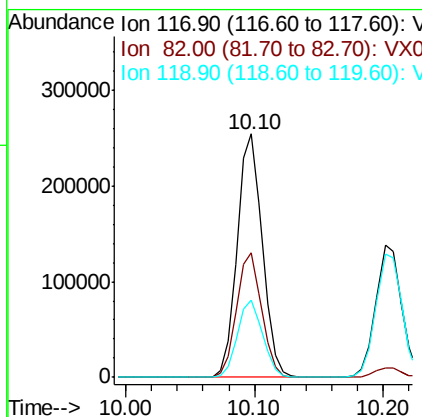
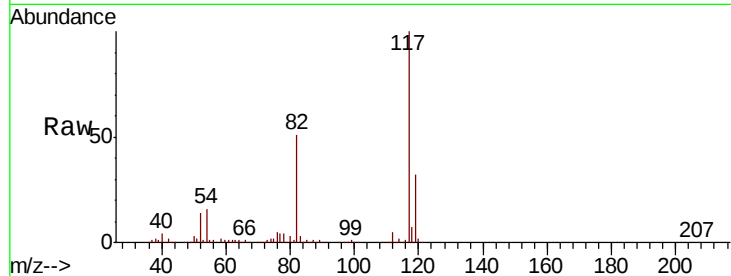




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

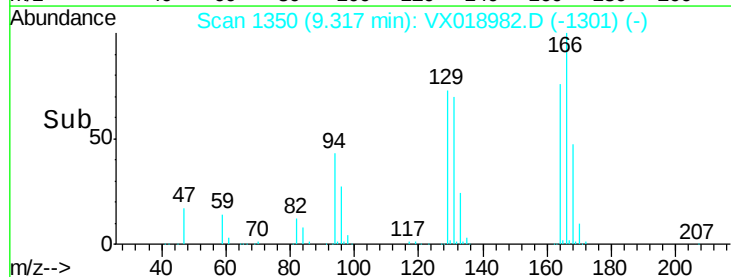
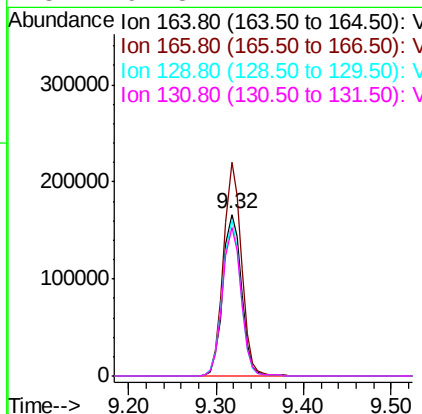
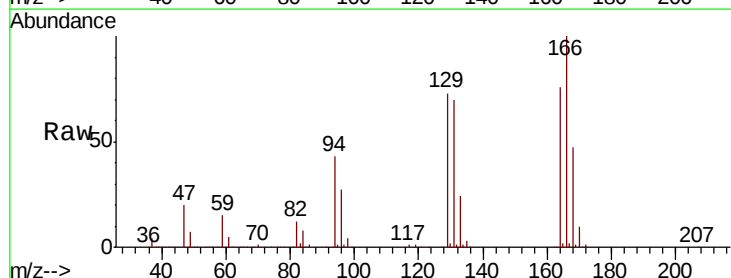
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

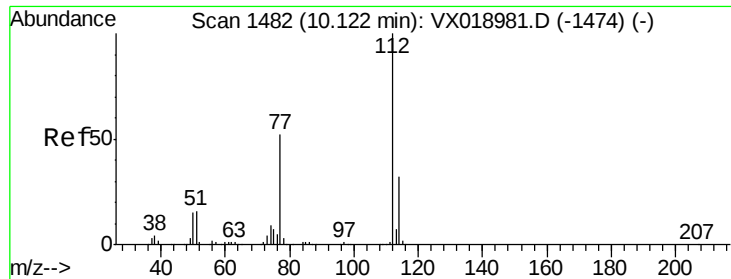
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.2	63.4
119	31.8	25.8	38.8



#64
Tetrachloroethene
Concen: 87.858 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.0	95.2	142.8
129	96.8	79.4	119.0
131	91.8	74.2	111.2

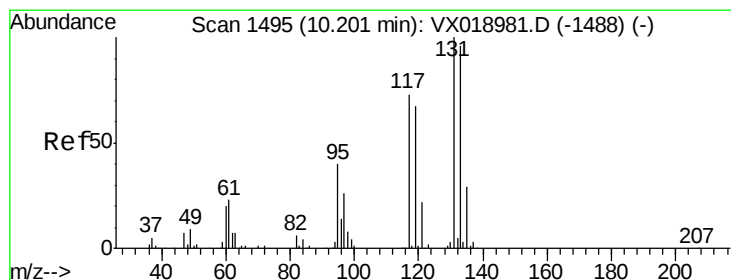
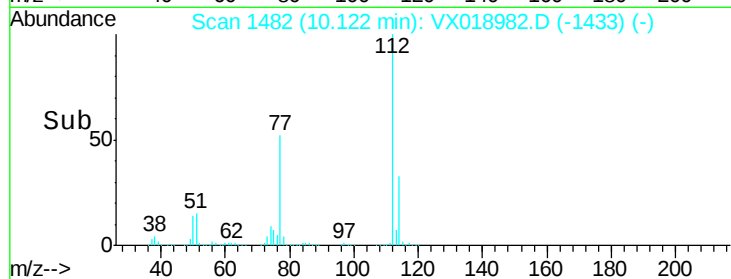
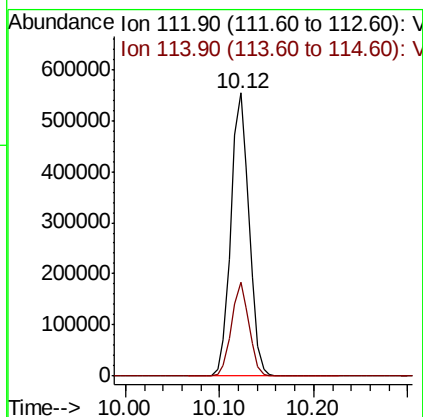
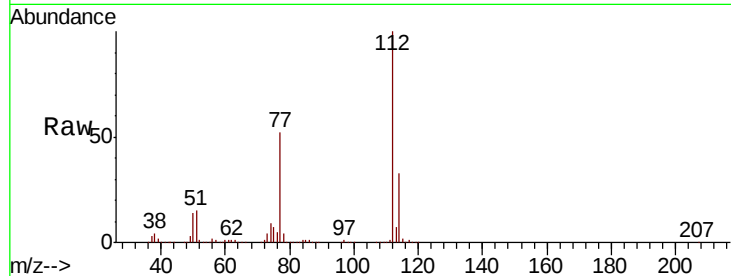




#65
Chlorobenzene
Concen: 101.369 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

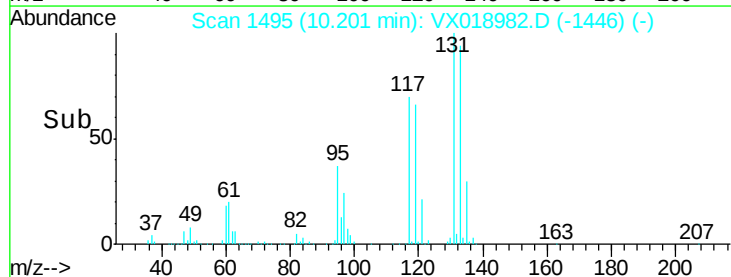
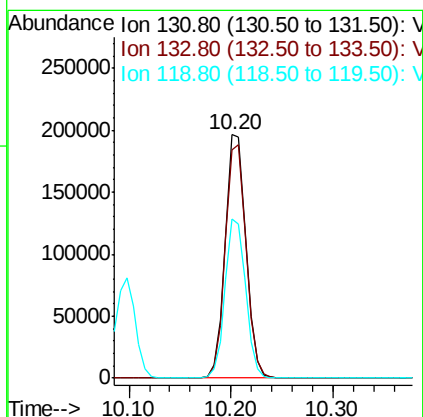
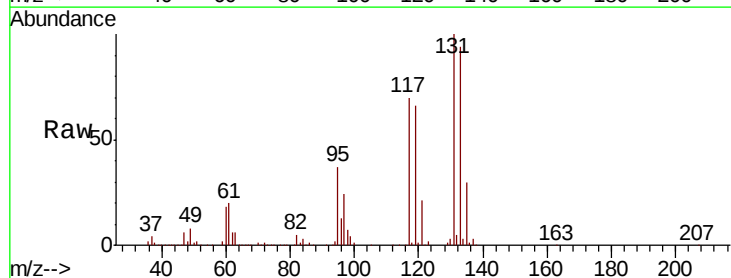
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

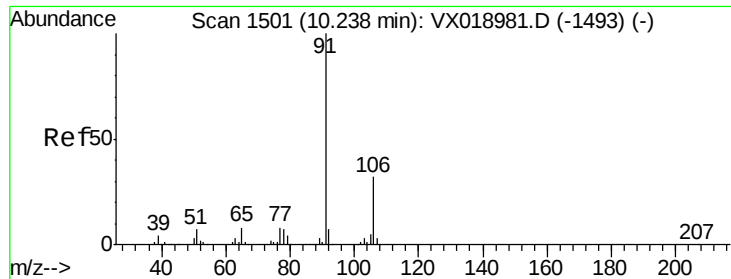
Tot Ion:112 Resp: 739019
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 104.987 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

Tgt Ion:131 Resp: 277301
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.2
119 65.1 33.6 100.6

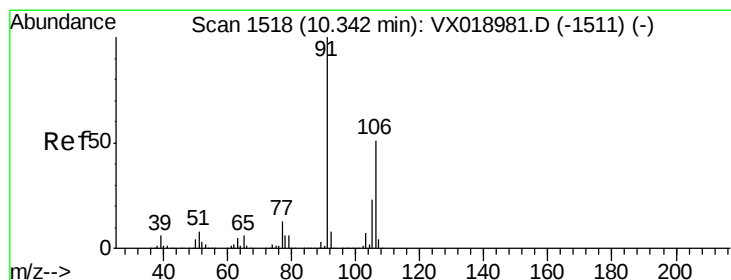
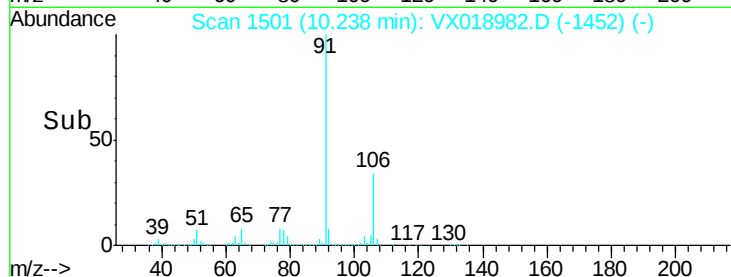
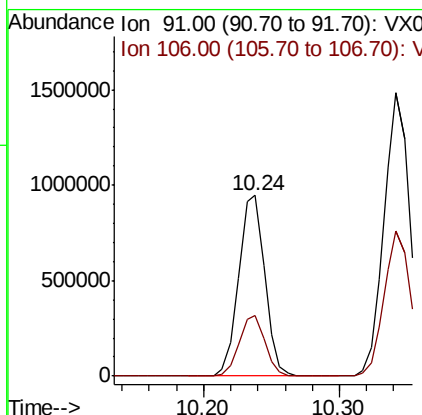
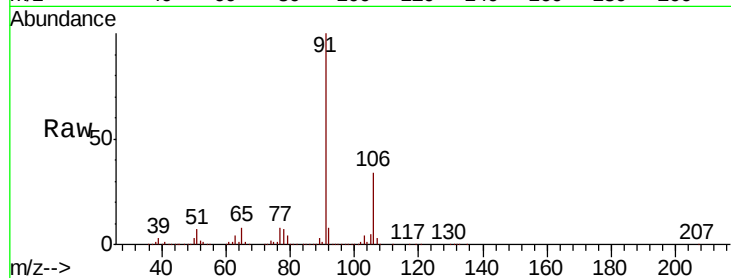




#67
Ethyl Benzene
Concen: 99.121 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

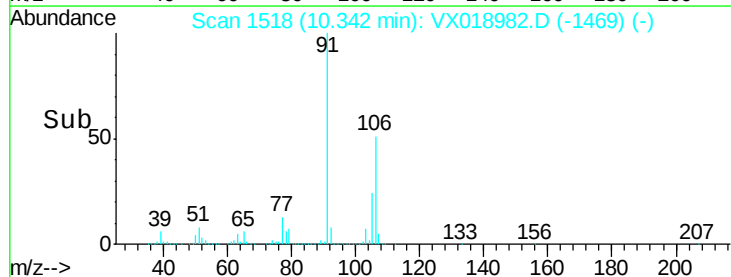
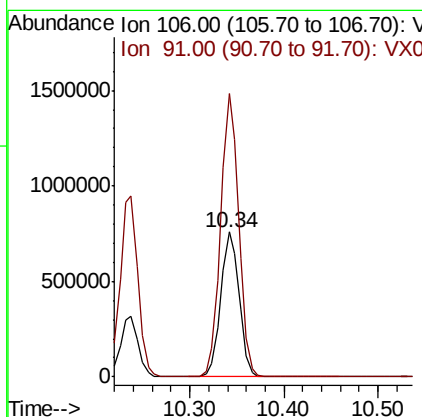
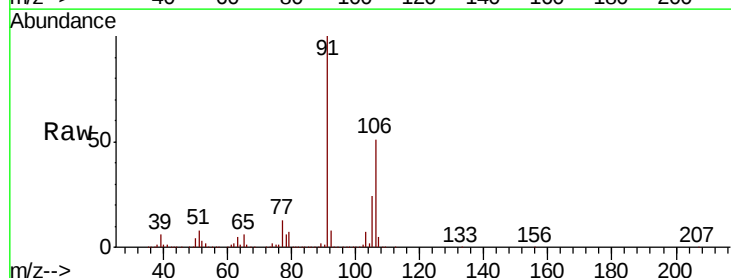
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

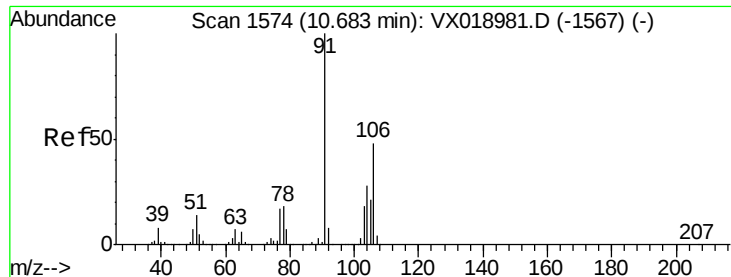
Tot Ion: 91 Resp: 1265841
Ion Ratio Lower Upper
91 100
106 33.9 25.8 38.8



#68
m/p-Xylenes
Concen: 205.417 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

Tgt Ion: 106 Resp: 1024228
Ion Ratio Lower Upper
106 100
91 192.6 157.9 236.9

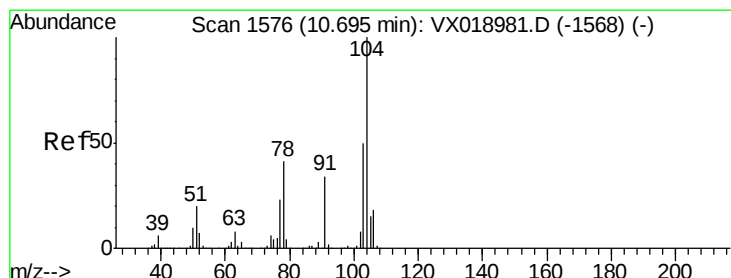
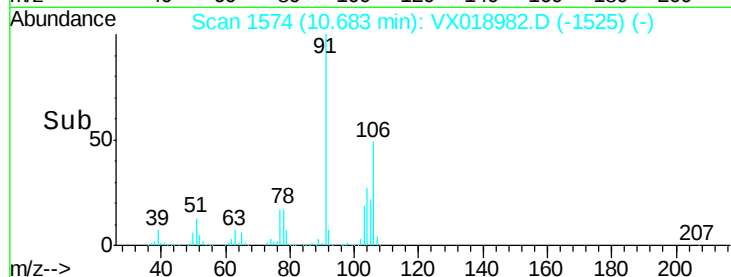
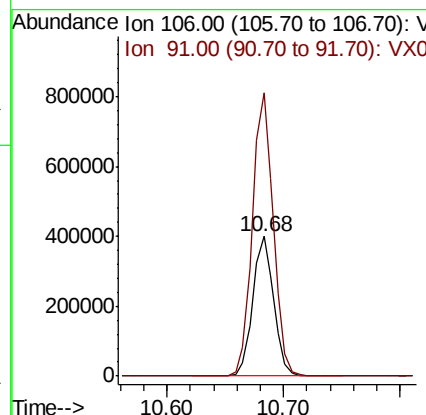
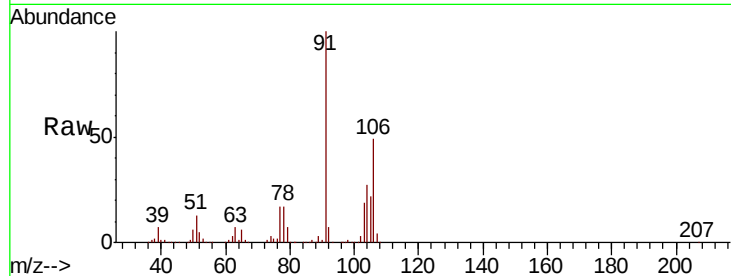




#69
o-Xylene
Concen: 105.889 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

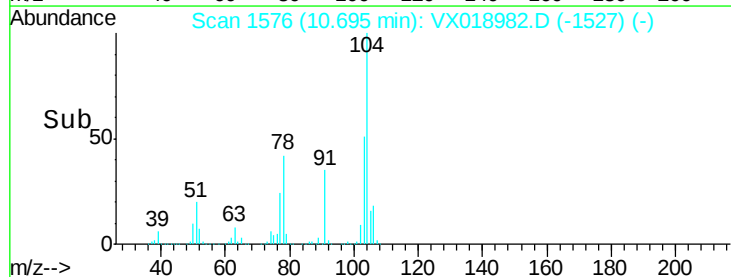
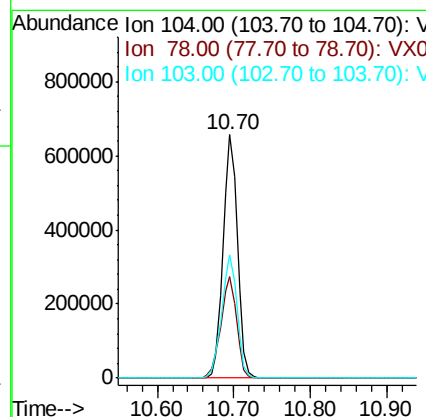
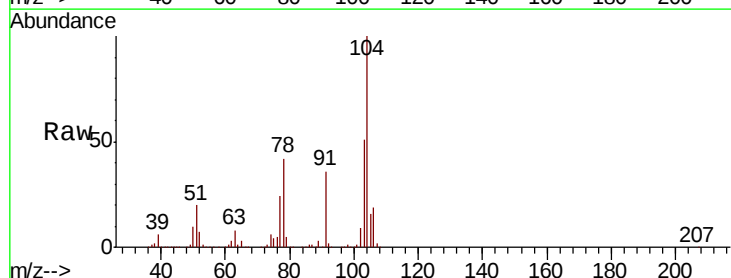
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

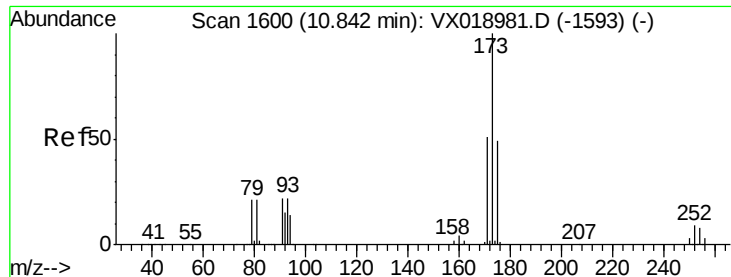
Tot Ion:106 Resp: 499554
Ion Ratio Lower Upper
106 100
91 203.2 105.5 316.5



#70
Styrene
Concen: 106.183 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

Tgt Ion:104 Resp: 855254
Ion Ratio Lower Upper
104 100
78 45.6 37.4 56.0
103 54.4 43.7 65.5





#71

Bromoform

Concen: 121.971 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

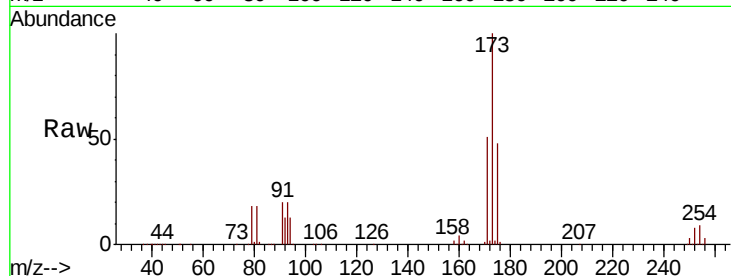
Tot Ion:173 Resp: 261014

Ion Ratio Lower Upper

173 100

175 47.6 24.8 74.4

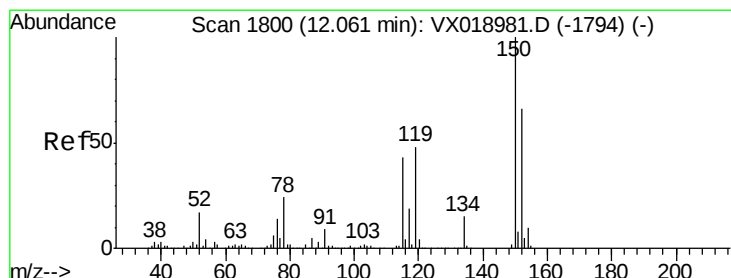
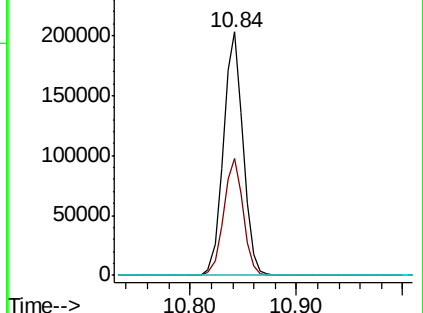
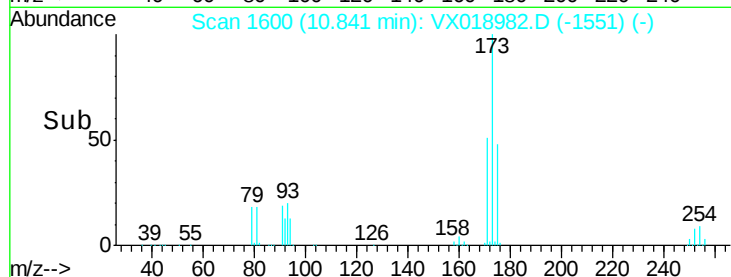
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

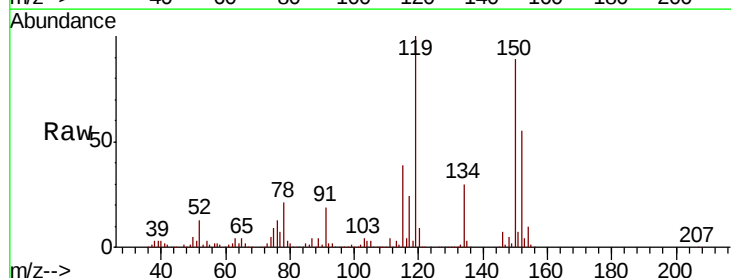
Tgt Ion:152 Resp: 200808

Ion Ratio Lower Upper

152 100

115 101.5 41.2 123.6

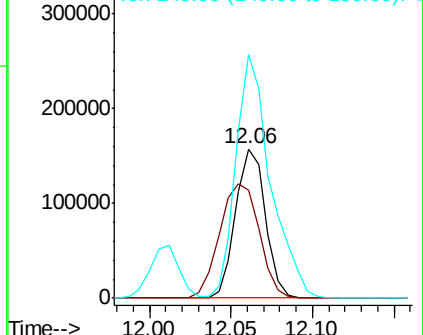
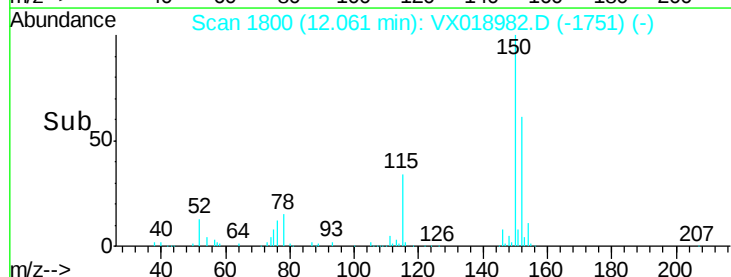
150 189.5 0.0 345.6

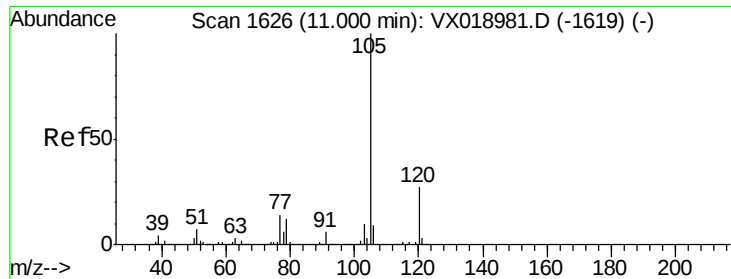


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

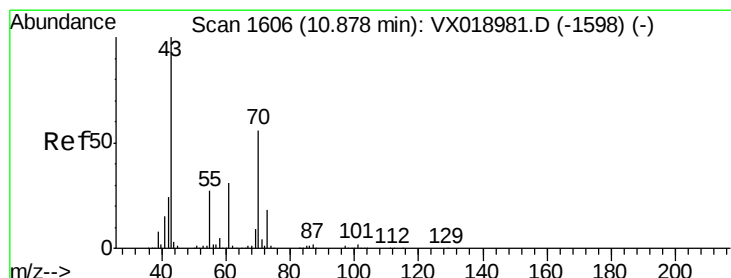
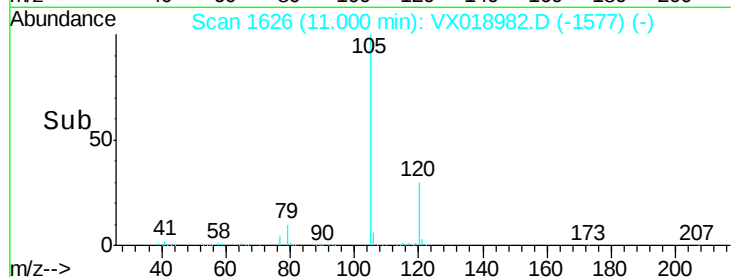
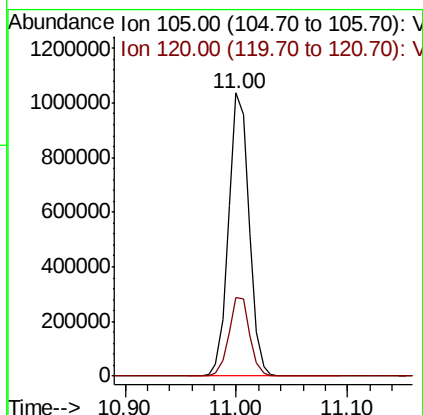
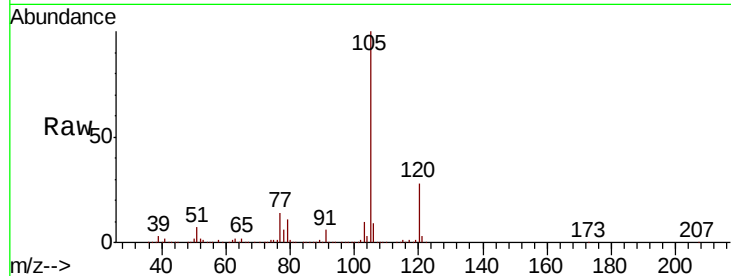




#73
Isopropylbenzene
Concen: 93.760 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

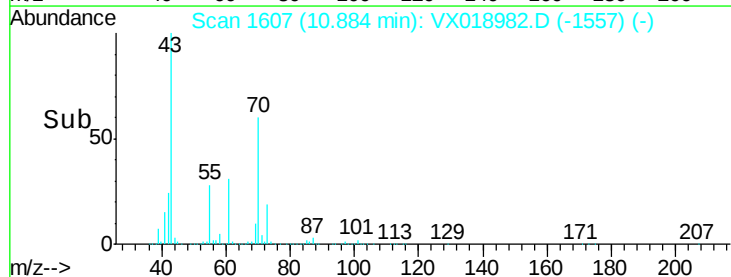
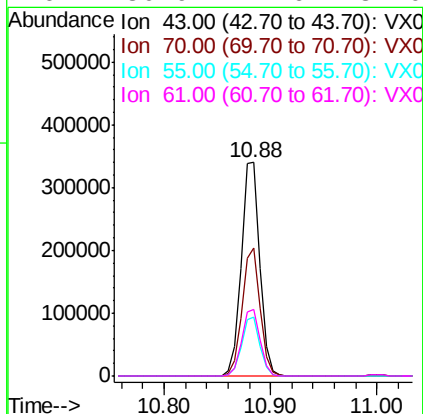
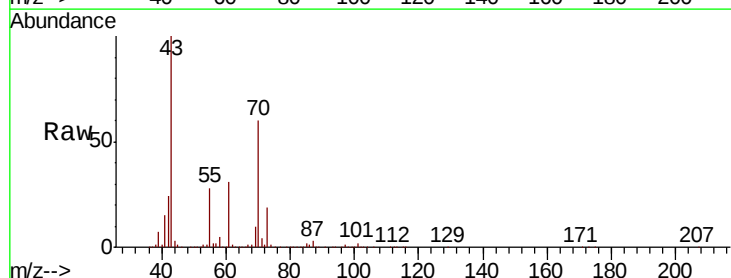
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

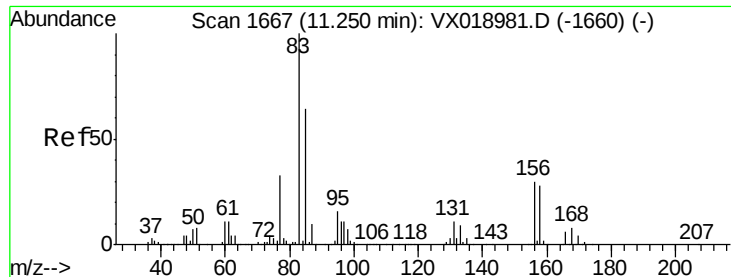
Tot Ion:105 Resp: 1319754
Ion Ratio Lower Upper
105 100
120 28.1 13.6 40.7



#74
N-ethyl acetate
Concen: 85.815 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

Tgt Ion: 43 Resp: 416330
Ion Ratio Lower Upper
43 100
70 58.0 45.9 68.9
55 27.3 21.9 32.9
61 30.9 24.6 37.0





#75

1,1,2,2-Tetrachloroethane

Concen: 94.888 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

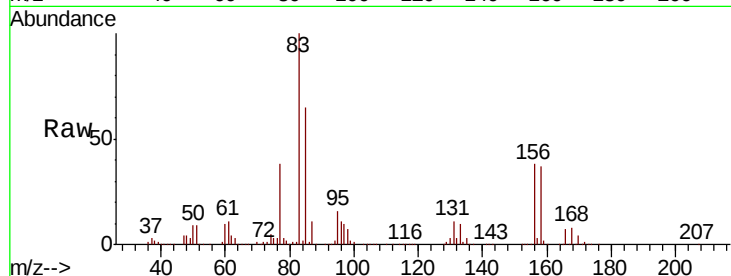
Tot Ion: 83 Resp: 427689

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

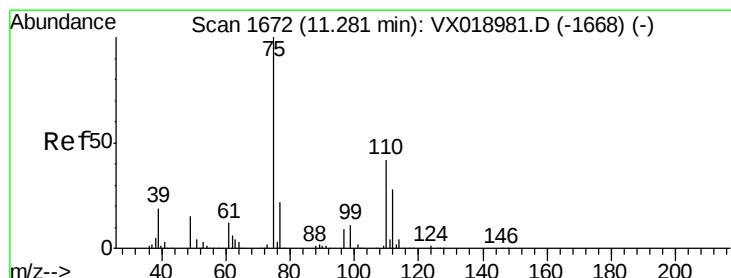
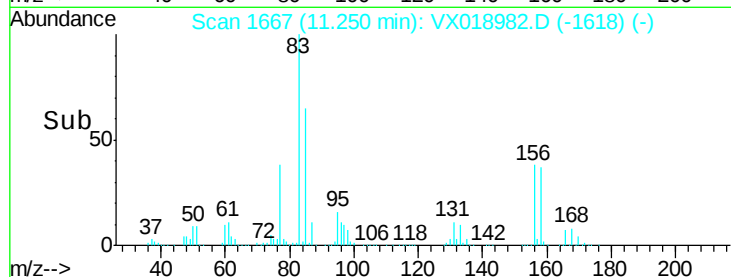
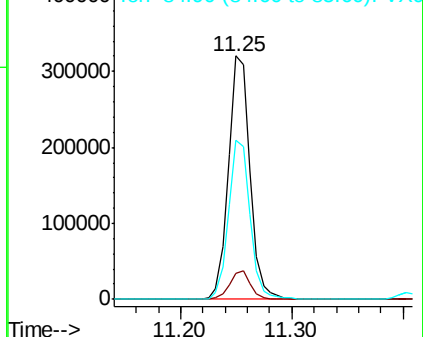
85 65.3 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 120.911 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018982.D

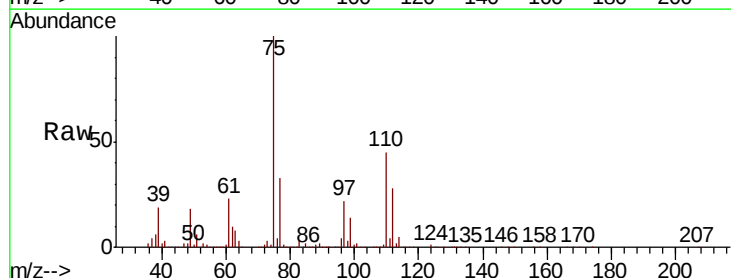
Acq: 20 Oct 2020 18:05

Tgt Ion: 75 Resp: 493137

Ion Ratio Lower Upper

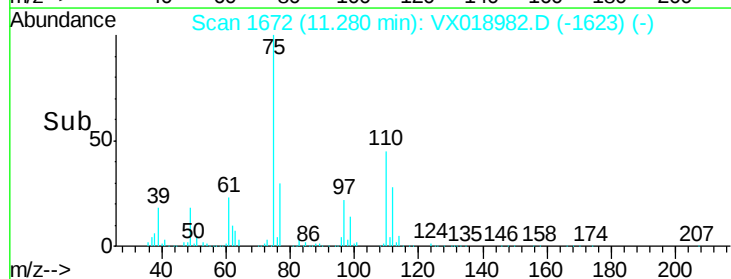
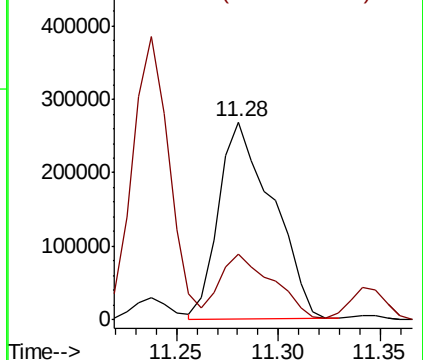
75 100

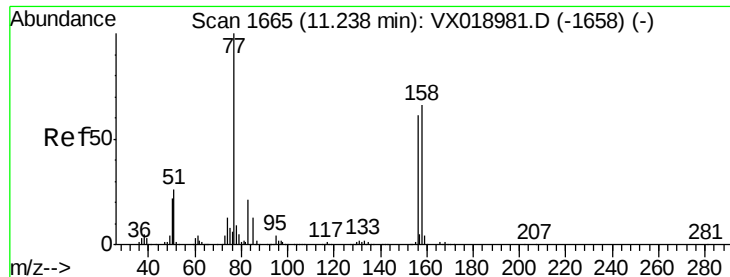
77 32.7 20.6 61.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 102.811 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

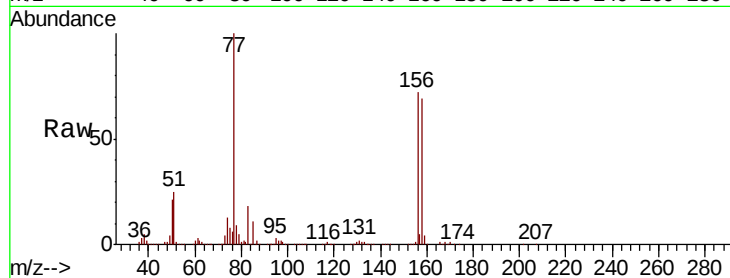
Tot Ion:156 Resp: 359744

Ion Ratio Lower Upper

156 100

77 134.8 78.5 235.3

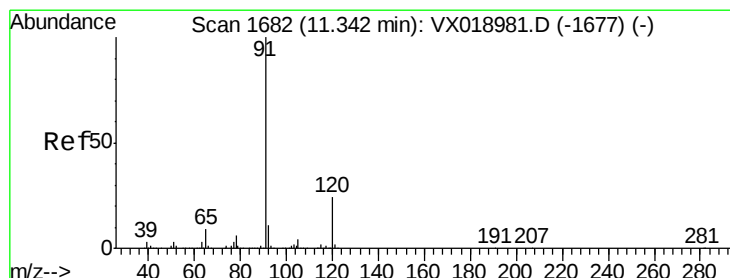
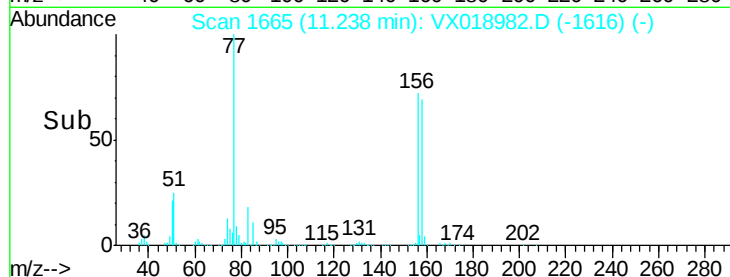
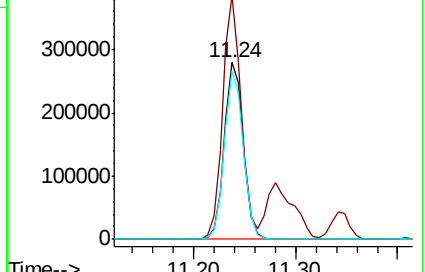
158 94.7 50.2 150.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 89.988 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX018982.D

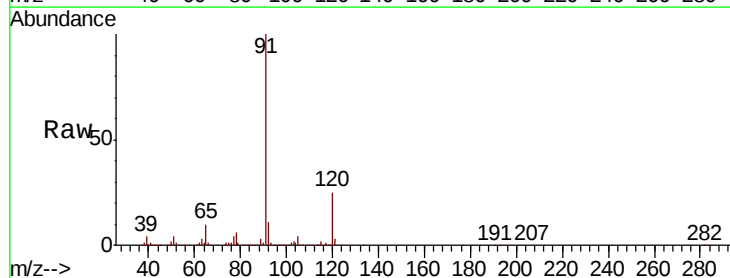
Acq: 20 Oct 2020 18:05

Tgt Ion: 91 Resp: 1457857

Ion Ratio Lower Upper

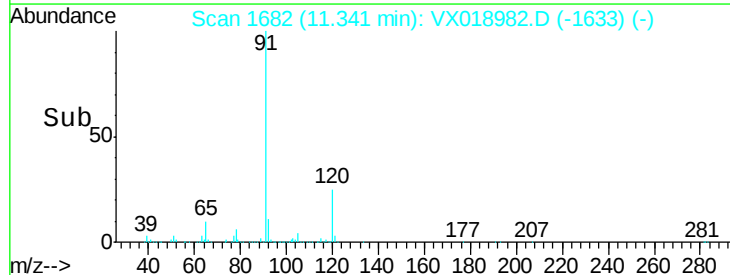
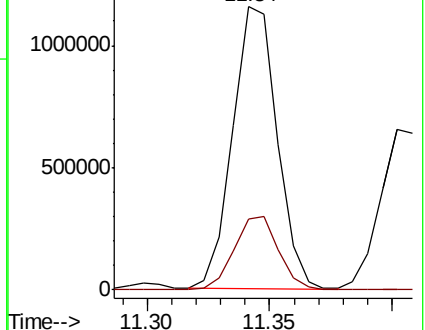
91 100

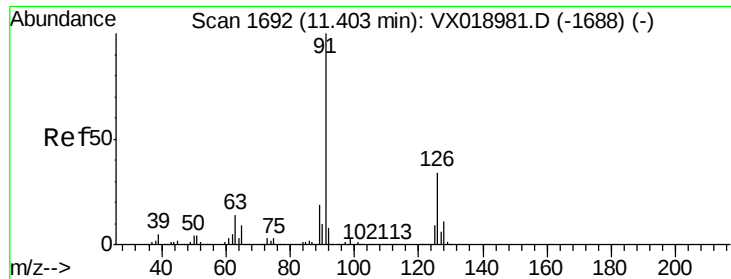
120 26.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

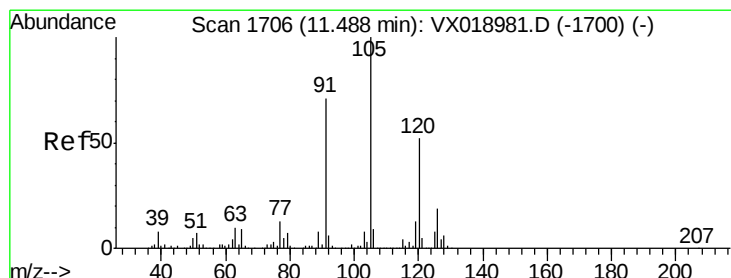
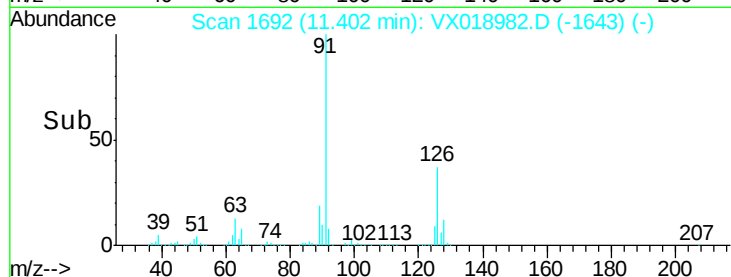
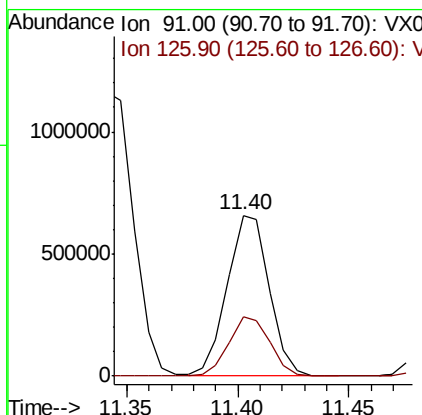
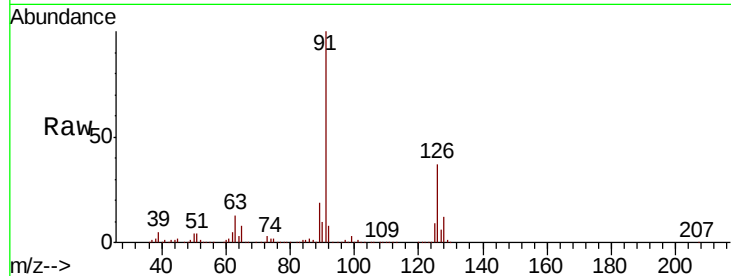




#79
 2-Chlorotoluene
 Concen: 90.536 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018982.D
 Acq: 20 Oct 2020 18:05

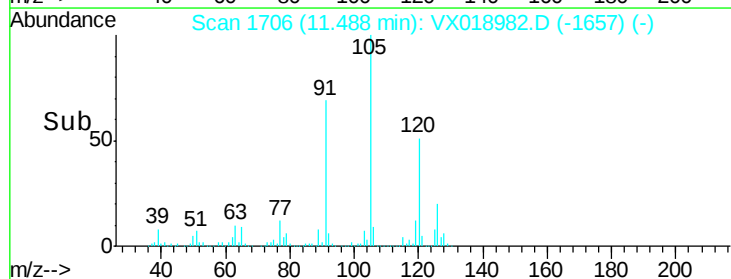
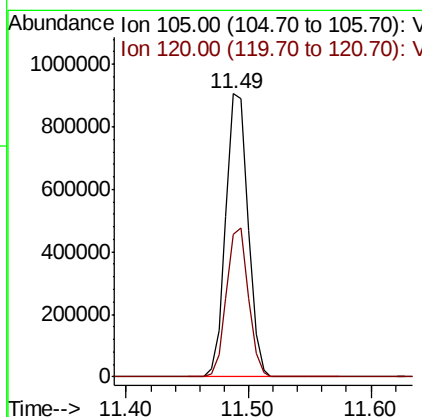
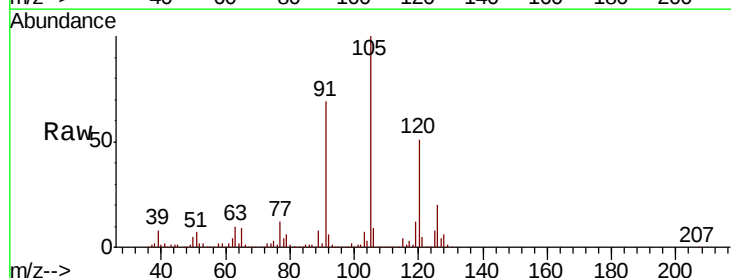
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

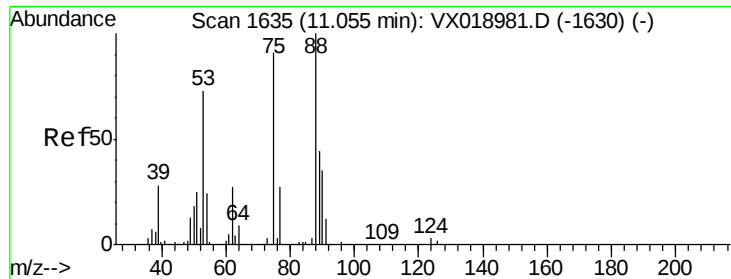
Tot Ion: 91 Resp: 857960
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 95.462 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX018982.D
 Acq: 20 Oct 2020 18:05

Tgt Ion: 105 Resp: 1140498
 Ion Ratio Lower Upper
 105 100
 120 51.6 25.3 75.8

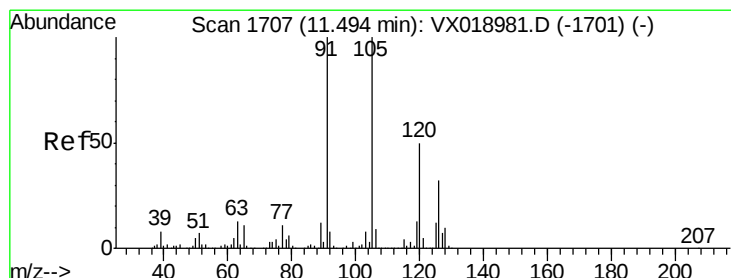
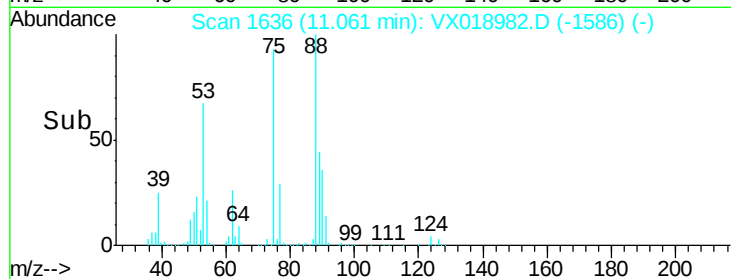
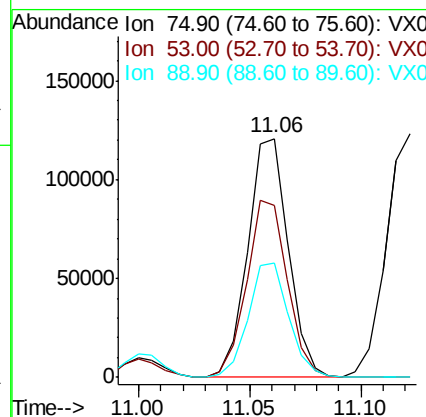
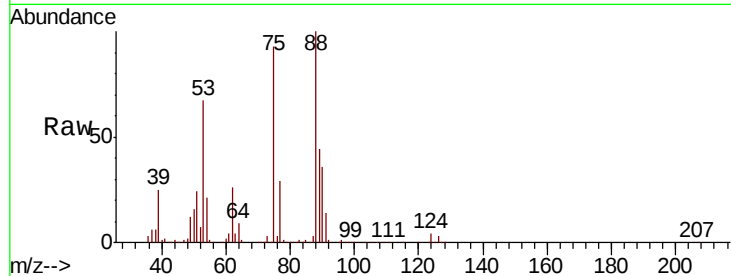




#81
trans-1,4-Dichloro-2-butene
Concen: 93.070 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

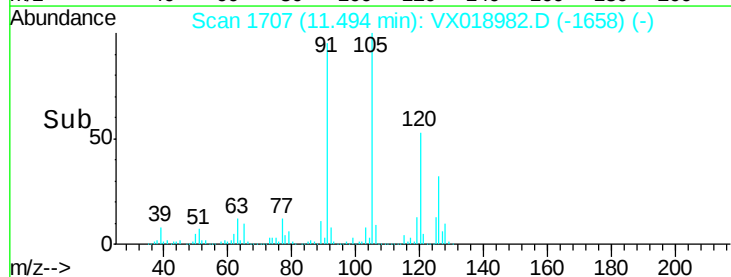
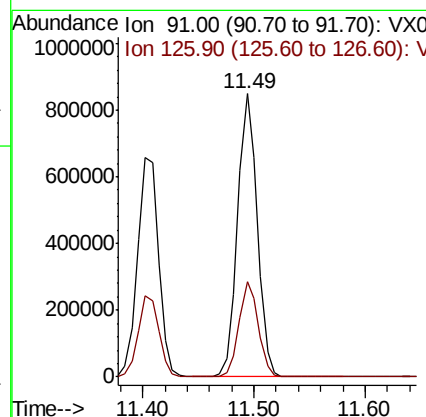
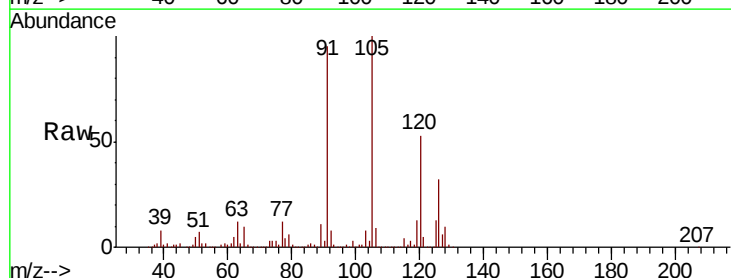
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

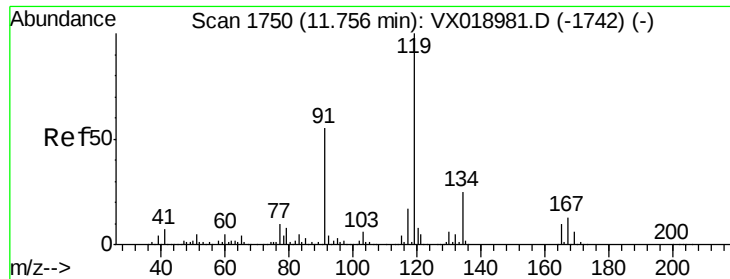
Tot Ion: 75 Resp: 152669
Ion Ratio Lower Upper
75 100
53 75.2 63.9 95.9
89 48.3 39.9 59.9



#82
4-Chlorotoluene
Concen: 91.356 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

Tgt Ion: 91 Resp: 1037137
Ion Ratio Lower Upper
91 100
126 33.2 15.9 47.6

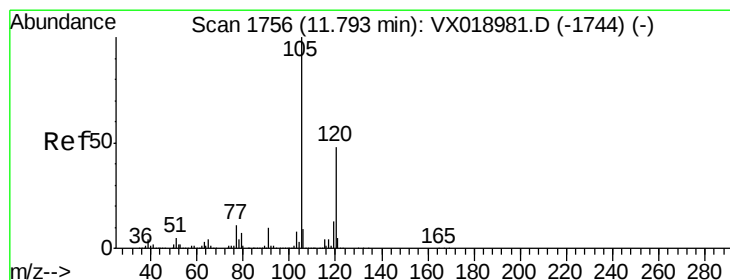
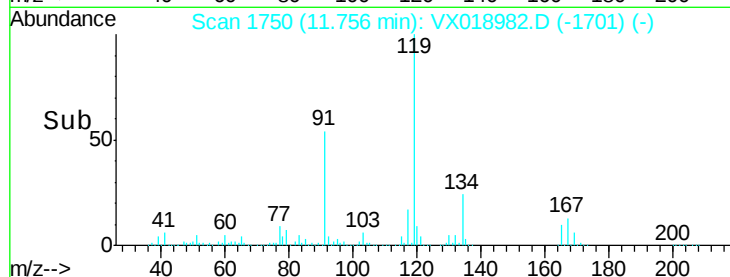
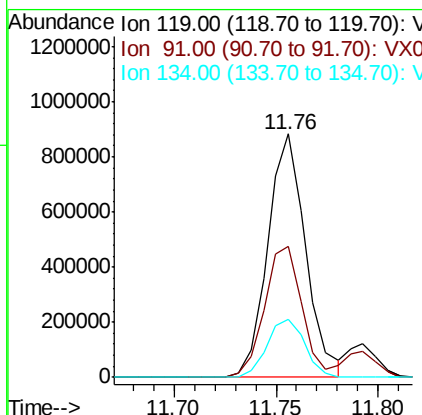
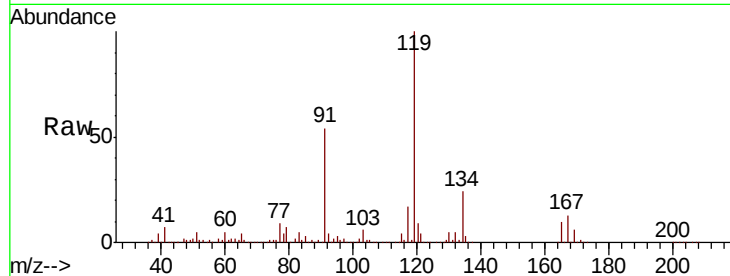




#83
 tert-Butylbenzene
 Concen: 97.487 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018982.D
 Acq: 20 Oct 2020 18:05

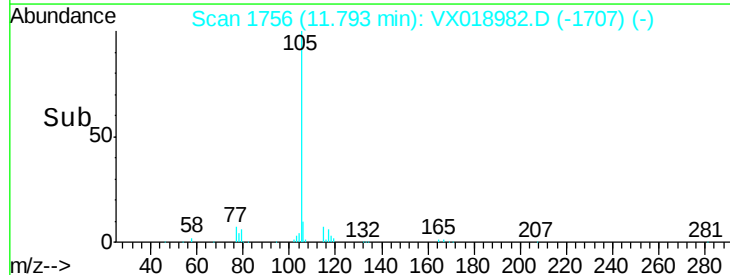
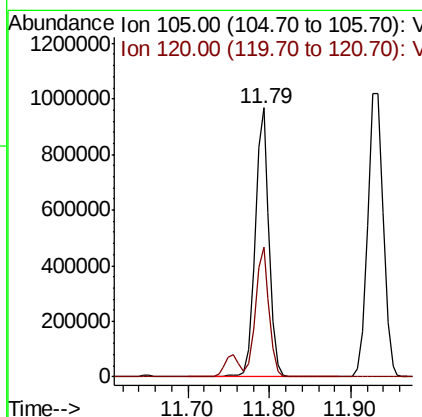
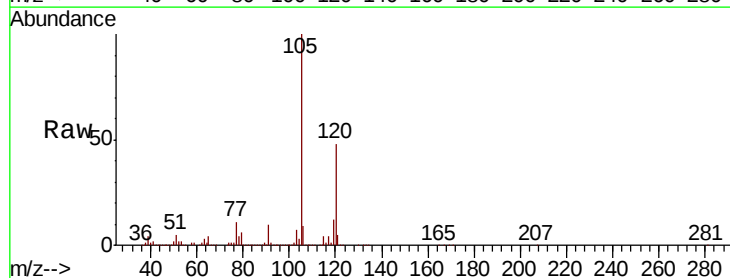
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

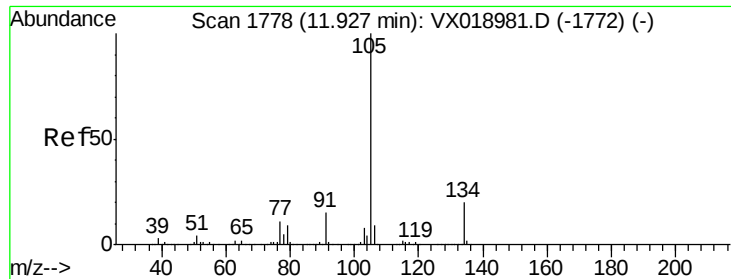
Tot Ion:119 Resp: 1139875
 Ion Ratio Lower Upper
 119 100
 91 52.8 27.5 82.4
 134 23.9 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 96.119 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018982.D
 Acq: 20 Oct 2020 18:05

Tgt Ion:105 Resp: 1153828
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.3 69.8

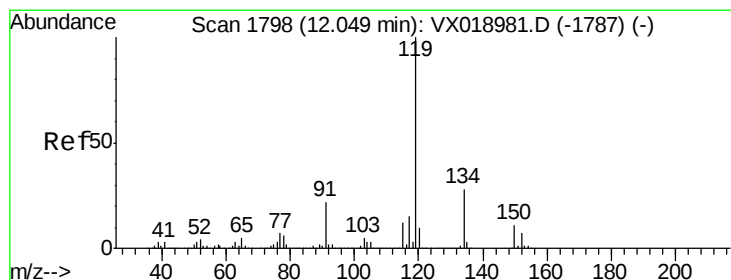
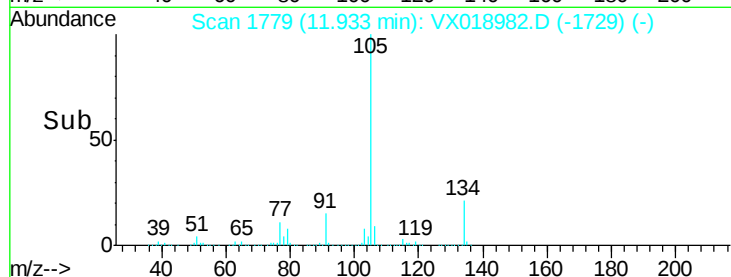
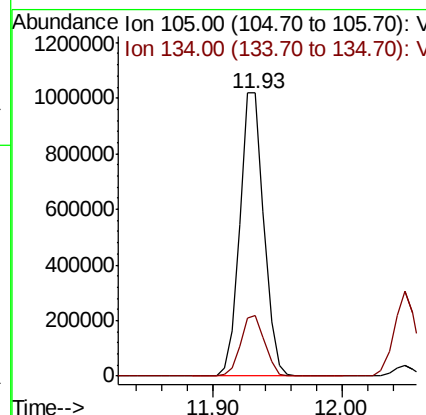
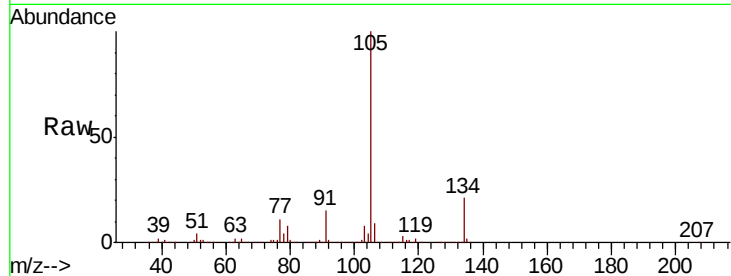




#85
 sec-Butylbenzene
 Concen: 93.882 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX018982.D
 Acq: 20 Oct 2020 18:05

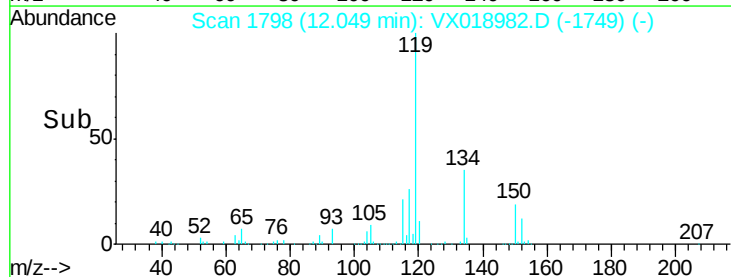
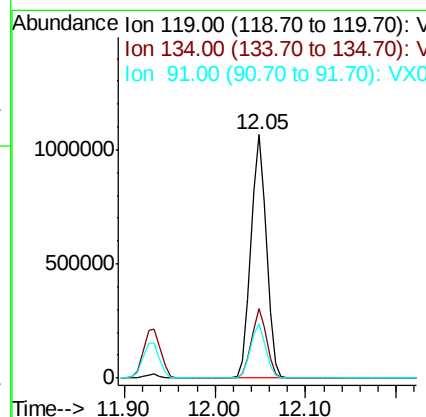
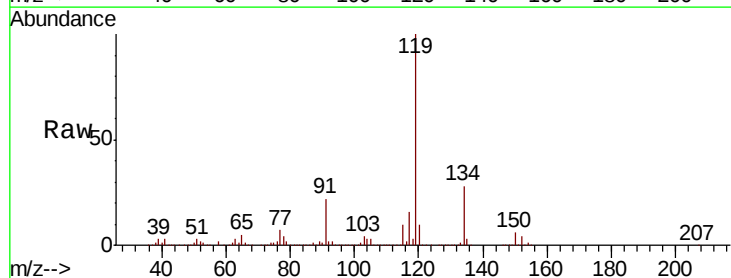
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

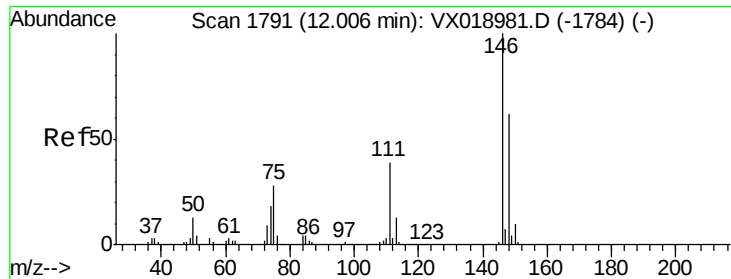
Tot Ion:105 Resp: 1316579
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 97.831 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018982.D
 Acq: 20 Oct 2020 18:05

Tgt Ion:119 Resp: 1266049
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.5 40.5
 91 22.0 11.0 33.0

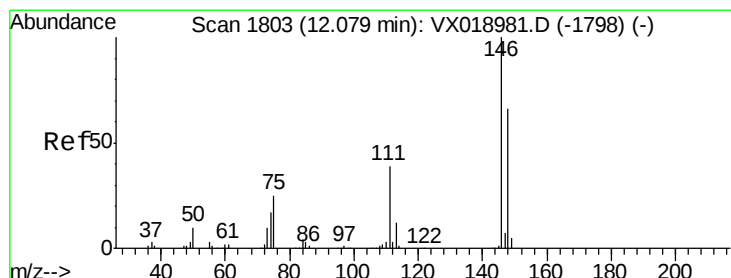
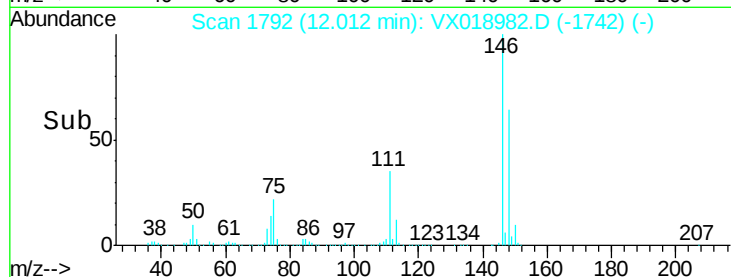
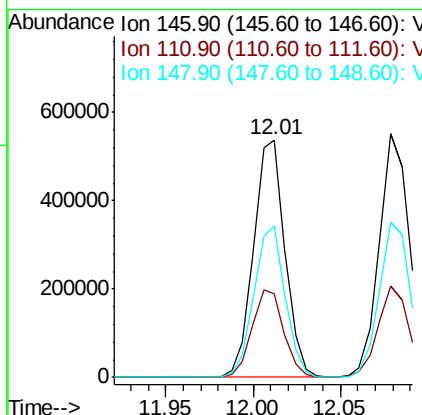
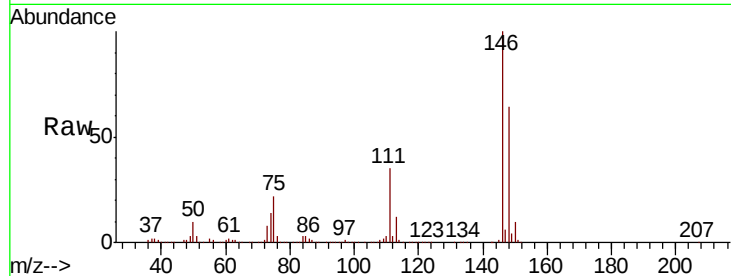




#87
 1,3-Dichlorobenzene
 Concen: 102.958 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018982.D
 Acq: 20 Oct 2020 18:05

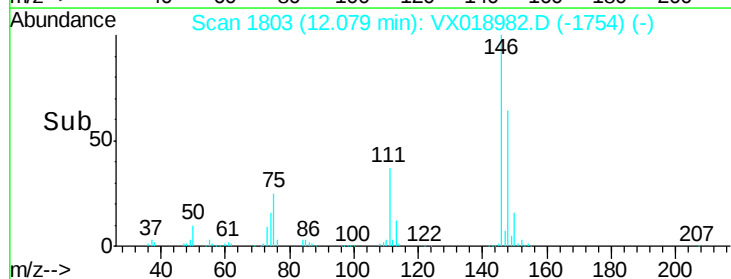
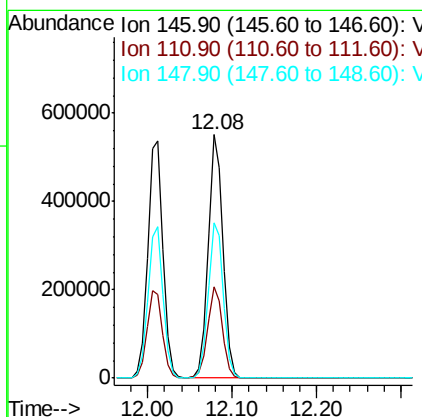
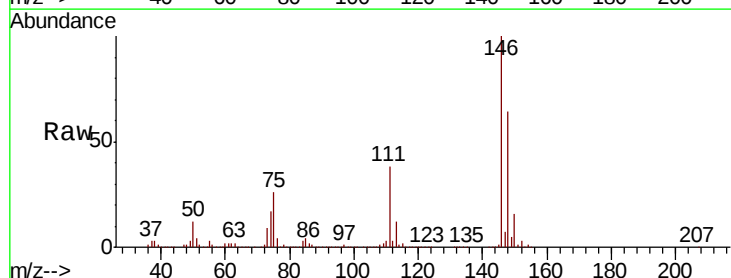
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

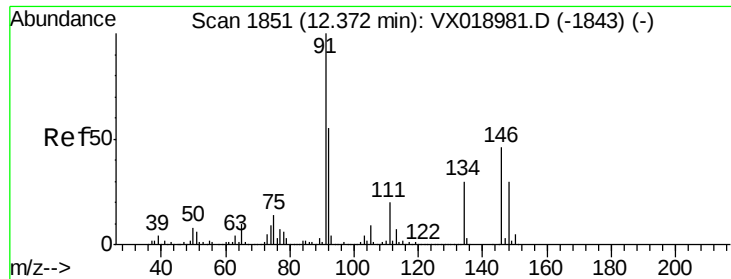
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.8	59.4
148	63.3	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 99.490 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018982.D
 Acq: 20 Oct 2020 18:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.3	57.9
148	65.1	32.6	98.0

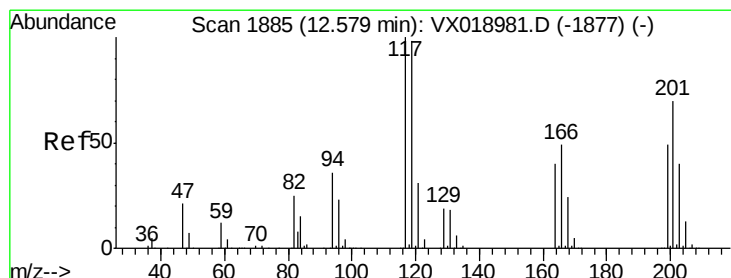
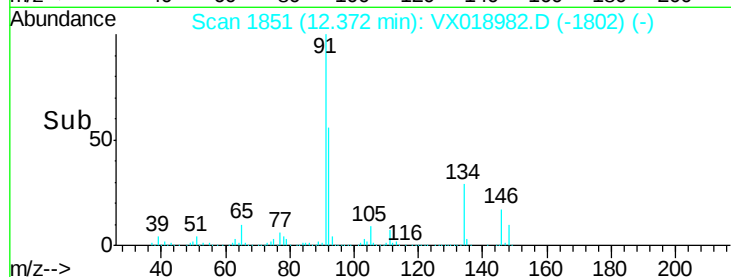
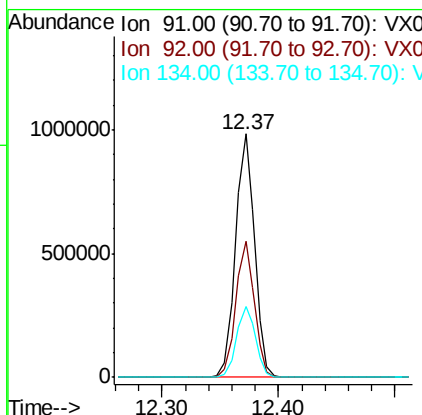
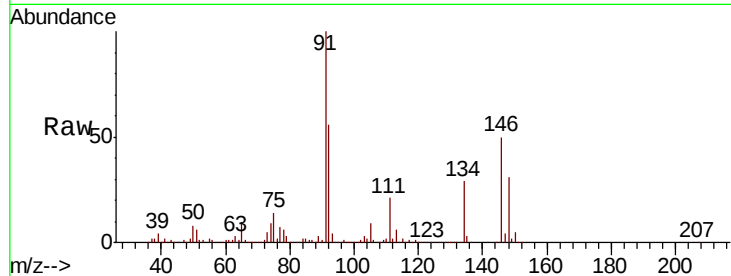




#89
n-Butylbenzene
Concen: 94.677 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

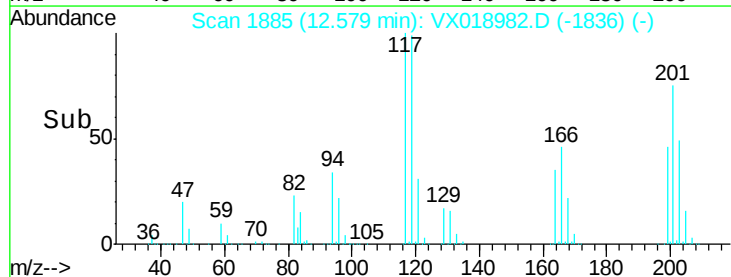
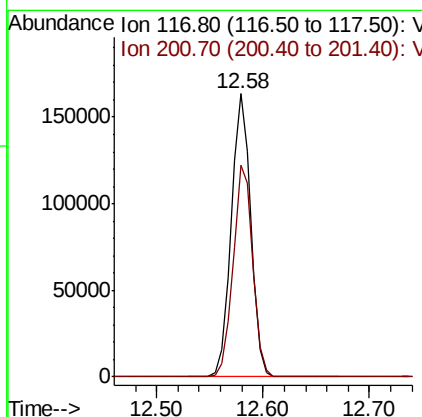
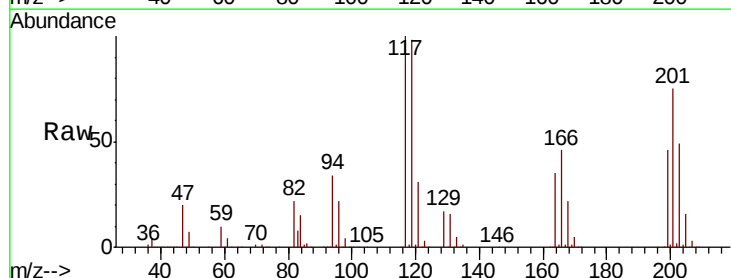
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

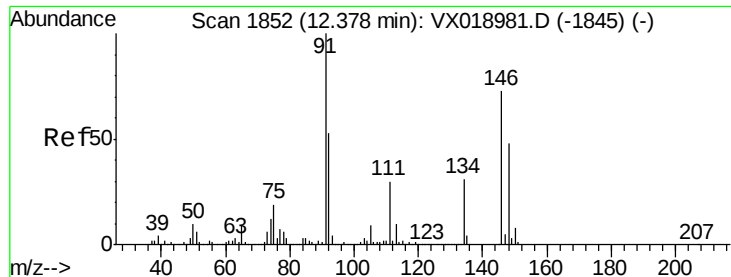
Tot Ion: 91 Resp: 1118305
Ion Ratio Lower Upper
91 100
92 55.0 27.2 81.6
134 29.3 14.2 42.8



#90
Hexachloroethane
Concen: 101.341 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

Tgt Ion: 117 Resp: 209733
Ion Ratio Lower Upper
117 100
201 74.9 36.1 108.5





#91

1,2-Dichlorobenzene

Concen: 102.511 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

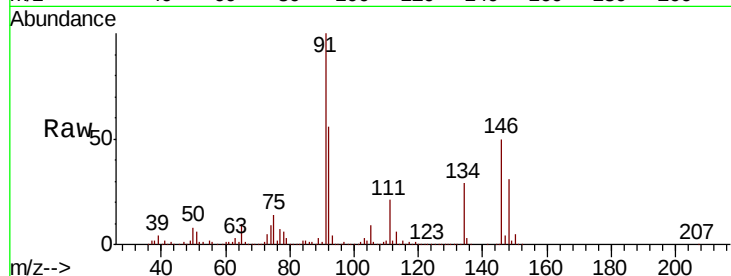
Tot Ion:146 Resp: 644497

Ion Ratio Lower Upper

146 100

111 39.7 20.8 62.5

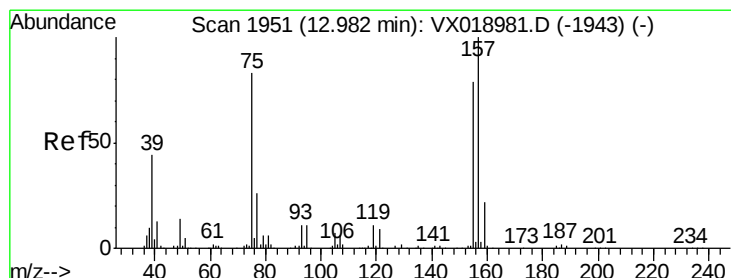
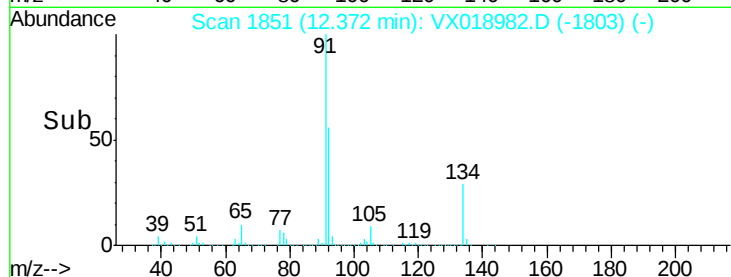
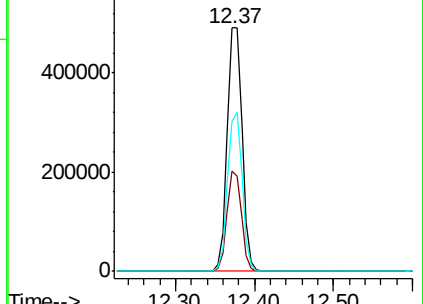
148 63.8 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 99.313 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018982.D

Acq: 20 Oct 2020 18:05

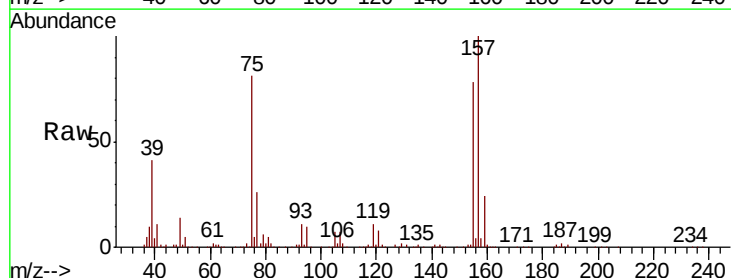
Tgt Ion: 75 Resp: 102894

Ion Ratio Lower Upper

75 100

155 100.6 47.6 142.9

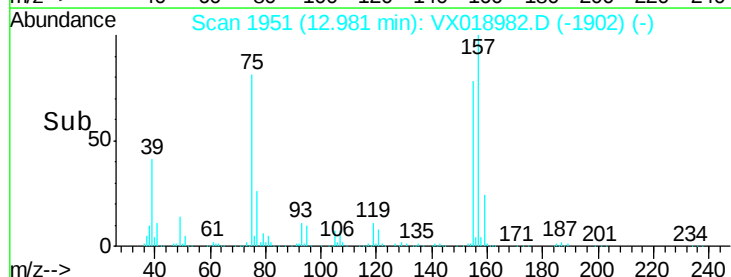
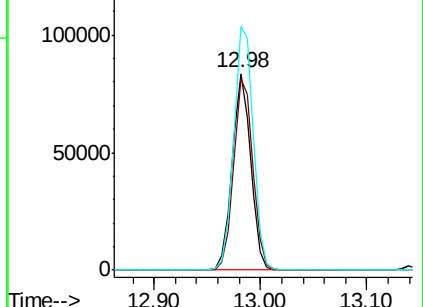
157 130.1 62.7 188.1

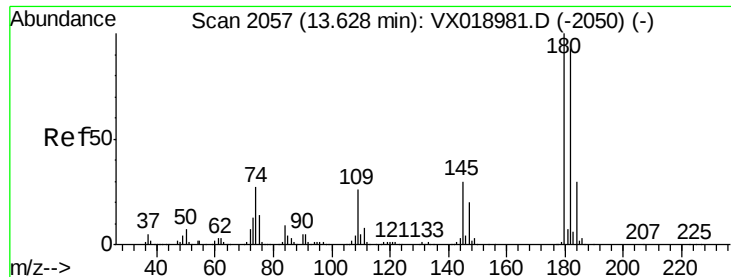


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

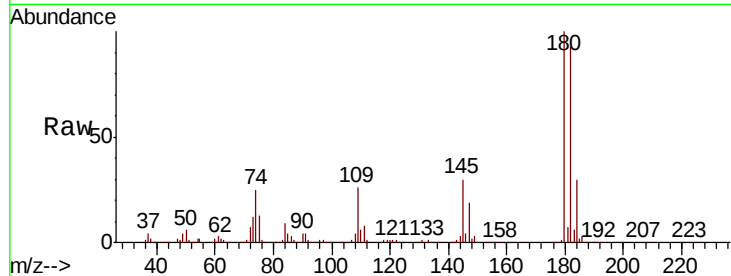




#93
 1,2,4-Trichlorobenzene
 Concen: 106.015 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018982.D
 Acq: 20 Oct 2020 18:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.6	139.7
145	30.8	15.7	47.1

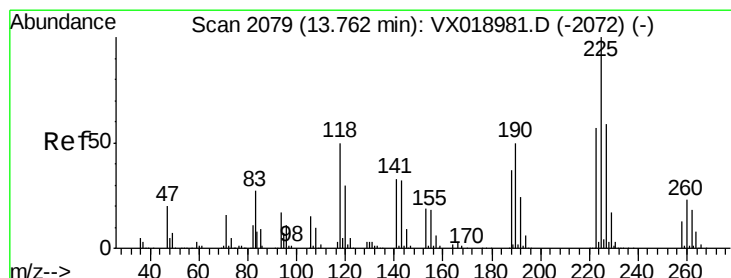
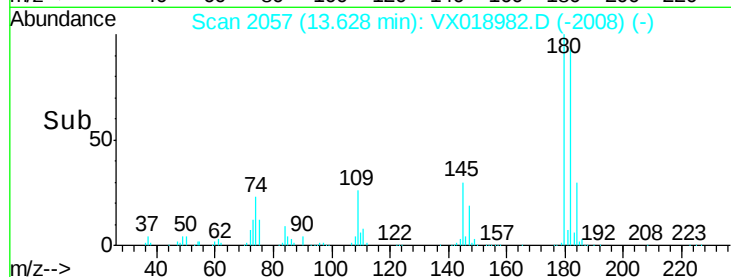
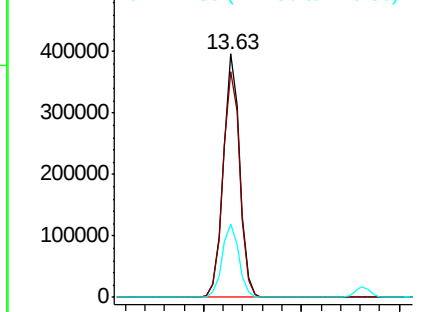


Abundance

Ion 179.80 (179.50 to 180.50): V

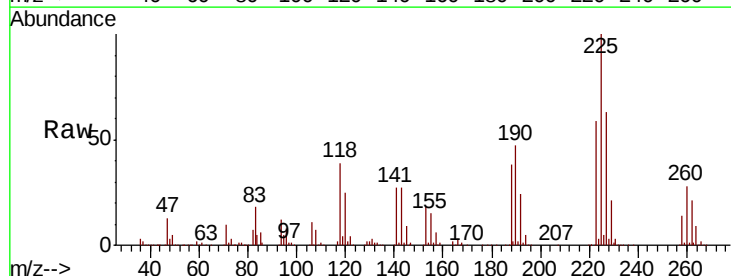
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 98.614 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018982.D
 Acq: 20 Oct 2020 18:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	29.4	88.3
227	64.3	30.6	92.0

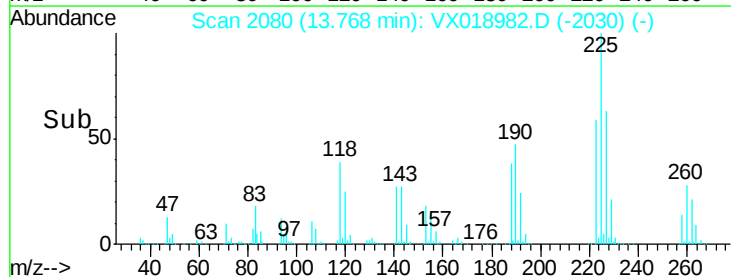
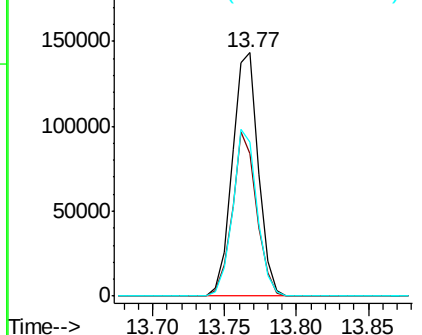


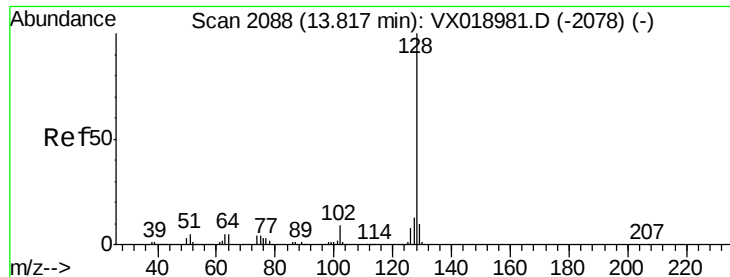
Abundance

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

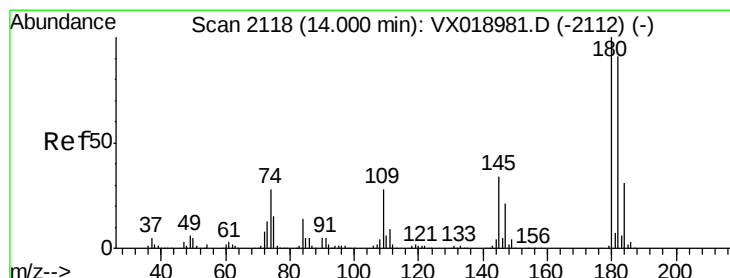
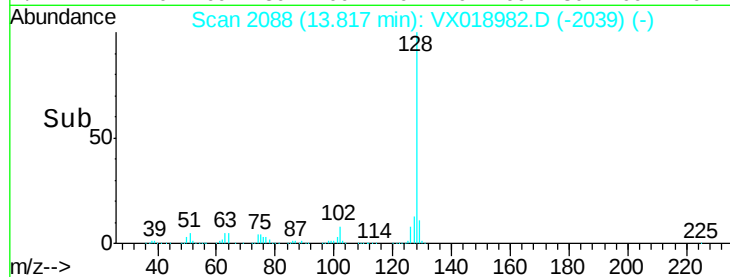
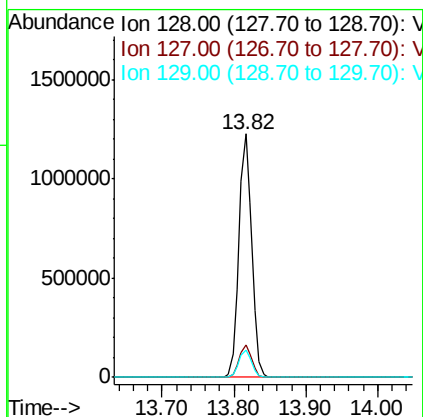
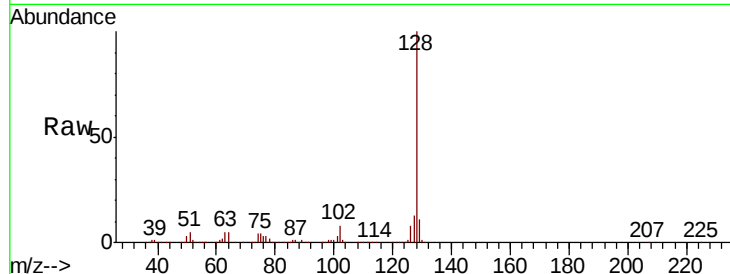




#95
Naphthalene
Concen: 104.957 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 1505771
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 106.017 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018982.D
Acq: 20 Oct 2020 18:05

Tgt Ion:180 Resp: 436750
Ion Ratio Lower Upper
180 100
182 94.7 47.8 143.4
145 32.3 17.0 51.0

