

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102120\NOT REVIEWED DATA\
 Data File : VX019010.D
 Acq On : 21 Oct 2020 19:30
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 03 12:06:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	269216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	445247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	413796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	204946	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	315712	97.90	ug/l	0.00
Spiked Amount			Recovery	=	195.80%	
35) Dibromofluoromethane	5.46	113	283166	100.45	ug/l	0.00
Spiked Amount			Recovery	=	200.90%	
50) Toluene-d8	8.70	98	1064787	98.98	ug/l	0.00
Spiked Amount			Recovery	=	197.96%	
62) 4-Bromofluorobenzene	11.12	95	384335	100.44	ug/l	0.00
Spiked Amount			Recovery	=	200.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	277404	103.447	ug/l	99
3) Chloromethane	1.31	50	268068	100.540	ug/l	99
4) Vinyl Chloride	1.39	62	317316	100.862	ug/l	99
5) Bromomethane	1.64	94	277123	102.978	ug/l	96
6) Chloroethane	1.71	64	174137	111.354	ug/l	100
7) Trichlorofluoromethane	1.92	101	528218	99.355	ug/l	100
8) Diethyl Ether	2.17	74	205514	98.722	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	251295	99.773	ug/l	99
10) Methyl Iodide	2.49	142	376713	100.719	ug/l	100
11) Tert butyl alcohol	3.03	59	181815	278.378	ug/l #	80
12) 1,1-Dichloroethene	2.36	96	259098	98.879	ug/l	97
13) Acrolein	2.28	56	123972	489.563	ug/l	100
14) Allyl chloride	2.71	41	338942	99.988	ug/l	99
15) Acrylonitrile	3.12	53	637365	504.654	ug/l	99
16) Acetone	2.43	43	534678	486.781	ug/l	97
17) Carbon Disulfide	2.55	76	734463	97.188	ug/l	99
18) Methyl Acetate	2.75	43	275682	101.144	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	848644	102.242	ug/l	100
20) Methylene Chloride	2.84	84	301573	98.621	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	301685	98.666	ug/l	99
22) Diisopropyl ether	3.82	45	681321	101.927	ug/l	100
23) Vinyl Acetate	3.79	43	3284671	517.501	ug/l	98
24) 1,1-Dichloroethane	3.67	63	491095	100.883	ug/l	100
25) 2-Butanone	4.64	43	884362	509.555	ug/l	99
26) 2,2-Dichloropropane	4.55	77	451410	100.433	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	354908	102.277	ug/l	98
28) Bromochloromethane	4.98	49	204521	98.942	ug/l	97
29) Tetrahydrofuran	5.09	42	520408	501.676	ug/l	99
30) Chloroform	5.18	83	544521	103.031	ug/l	96
31) Cyclohexane	5.55	56	378656	100.270	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	494715	103.210	ug/l	99
36) 1,1-Dichloropropene	5.77	75	405166	101.413	ug/l	99
37) Ethyl Acetate	4.79	43	352959	103.508	ug/l	99
38) Carbon Tetrachloride	5.76	117	426613	101.735	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	456978	102.095	ug/l	99
40) Benzene	6.12	78	1203119	102.251	ug/l	99
41) Methacrylonitrile	5.01	41	191614	104.609	ug/l	97
42) 1,2-Dichloroethane	6.16	62	410839	102.313	ug/l	100
43) Isopropyl Acetate	6.41	43	600589	103.996	ug/l	99
44) Trichloroethene	7.19	130	348239	101.487	ug/l	97
45) 1,2-Dichloropropane	7.49	63	288875	102.352	ug/l	99
46) Dibromomethane	7.63	93	222465	103.489	ug/l	99
47) Bromodichloromethane	7.88	83	441286	104.698	ug/l	99
48) Methyl methacrylate	7.74	41	284832	100.097	ug/l	99
49) 1,4-Dioxane	7.74	88	131268	2041.695	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1755464	515.854	ug/l	99
52) Toluene	8.77	92	800354	102.985	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	502825	105.643	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	527614	104.973	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	328363	103.646	ug/l	98
56) Ethyl methacrylate	9.16	69	488056	107.078	ug/l	100
57) 1,3-Dichloropropane	9.35	76	517803	102.971	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1236813	516.553	ug/l	99
59) 2-Hexanone	9.48	43	1282423	505.690	ug/l	99
60) Dibromochloromethane	9.57	129	376325	108.983	ug/l	99
61) 1,2-Dibromoethane	9.65	107	353921	104.410	ug/l	99
64) Tetrachloroethene	9.32	164	300788	95.473	ug/l	92
65) Chlorobenzene	10.12	112	883602	101.801	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	326728	105.877	ug/l	98
67) Ethyl Benzene	10.24	91	1532793	102.448	ug/l	99
68) m/p-Xylenes	10.34	106	1177341	205.424	ug/l	99
69) o-Xylene	10.68	106	579141	105.582	ug/l	98
70) Styrene	10.70	104	993583	106.691	ug/l	100
71) Bromoform	10.84	173	284027	114.014	ug/l #	100
73) Isopropylbenzene	11.00	105	1550036	105.135	ug/l	98
74) N-amyl acetate	10.88	43	488094	103.328	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	455869	102.638	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	546405	133.391	ug/l	85
77) Bromobenzene	11.24	156	387525	104.077	ug/l	98
78) n-propylbenzene	11.35	91	1735629	103.892	ug/l	99
79) 2-Chlorotoluene	11.40	91	995480	102.142	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1281773	105.280	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	169623	105.501	ug/l	97
82) 4-Chlorotoluene	11.49	91	1185152	102.198	ug/l	99
83) tert-Butylbenzene	11.76	119	1263410	105.341	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1277069	104.753	ug/l	100
85) sec-Butylbenzene	11.93	105	1528665	105.328	ug/l	100
86) p-Isopropyltoluene	12.05	119	1389398	104.772	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	702903	102.909	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	700109	99.880	ug/l	97
89) n-Butylbenzene	12.37	91	1238247	102.009	ug/l	99
90) Hexachloroethane	12.58	117	223715	110.196	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	647319	101.646	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106034	104.843	ug/l	96

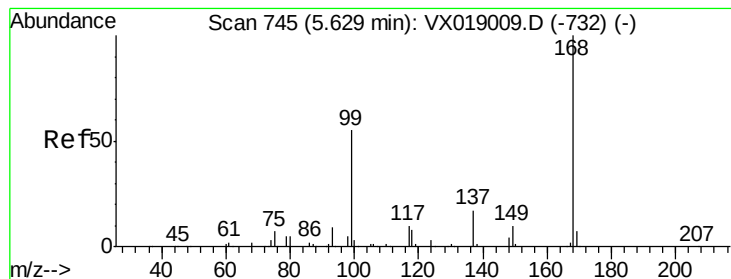
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102120\NOT REVIEWED DATA\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	482516	103.564	ug/l	99
94) Hexachlorobutadiene	13.77	225	219144	101.454	ug/l	98
95) Naphthalene	13.82	128	1597276	108.960	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	466370	102.836	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

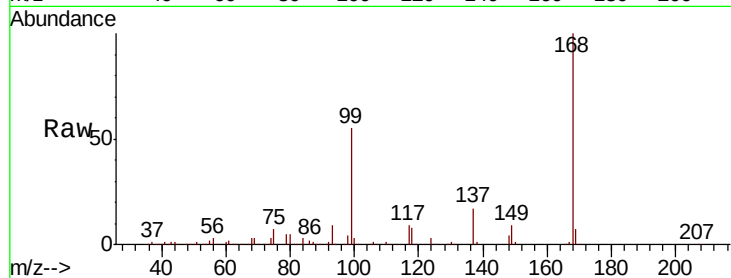
VSTDIC100

Tot Ion:168 Resp: 269216

Ion Ratio Lower Upper

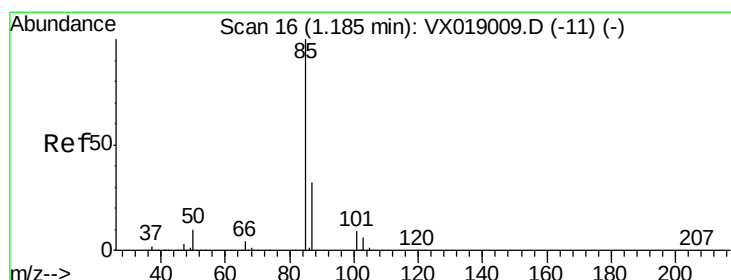
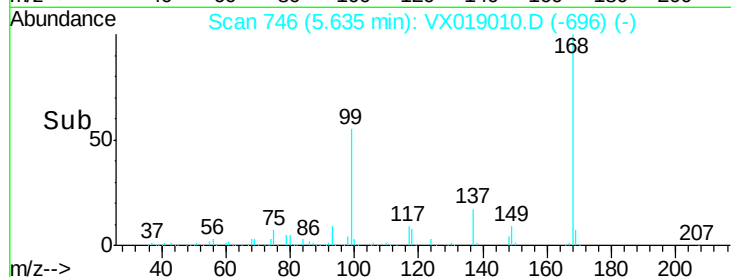
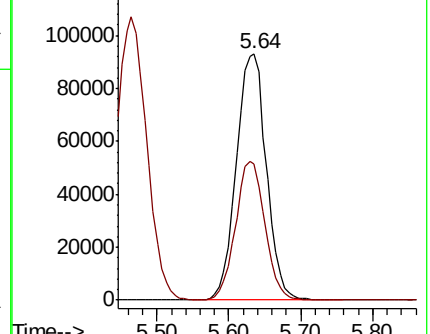
168 100

99 54.8 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 103.447 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019010.D

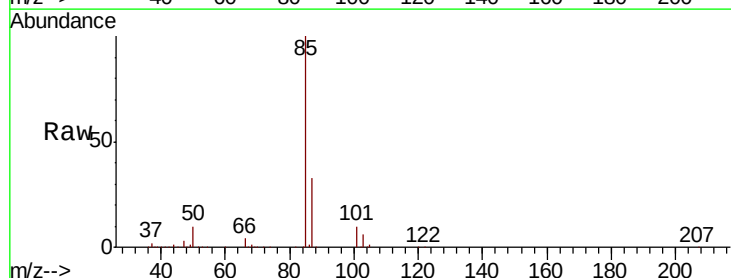
Acq: 21 Oct 2020 19:30

Tgt Ion: 85 Resp: 277404

Ion Ratio Lower Upper

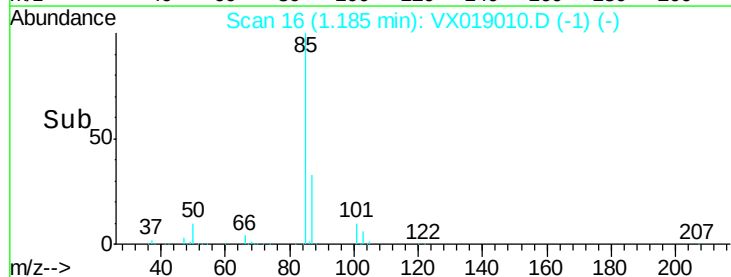
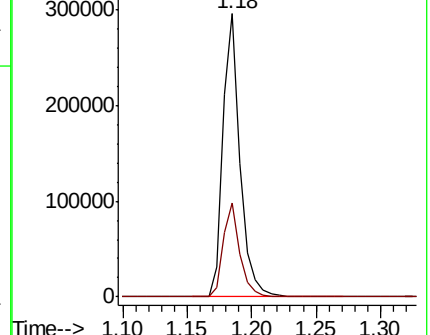
85 100

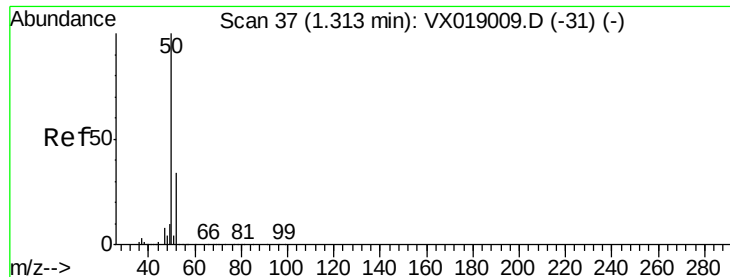
87 33.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 100.540 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

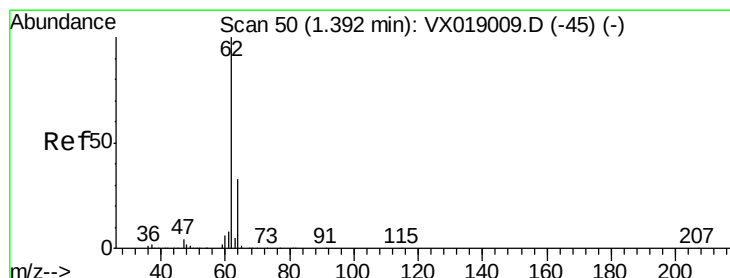
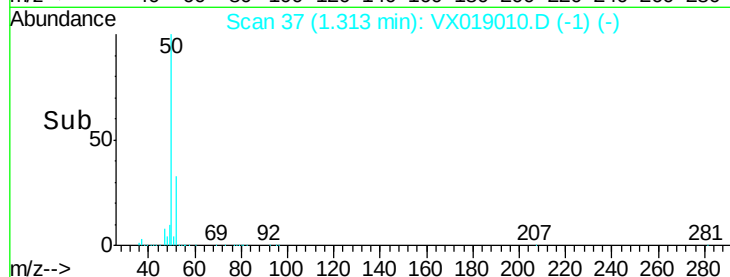
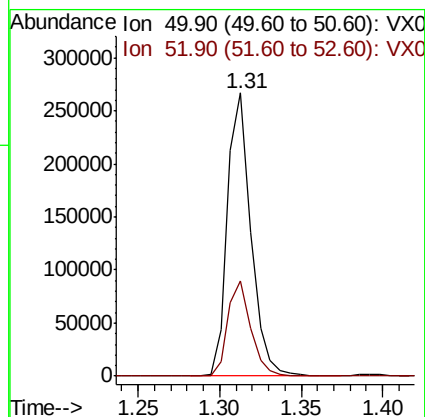
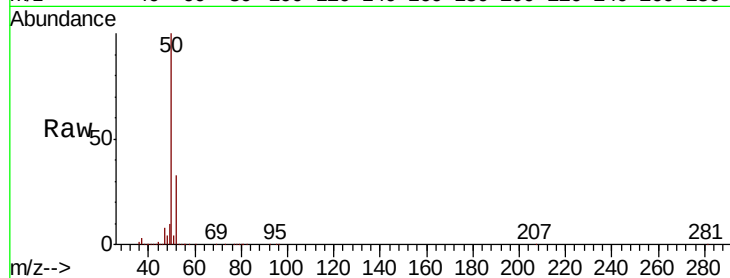
VSTDIC100

Tot Ion: 50 Resp: 268068

Ion Ratio Lower Upper

50 100

52 33.5 27.0 40.6



#4

Vinyl Chloride

Concen: 100.862 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019010.D

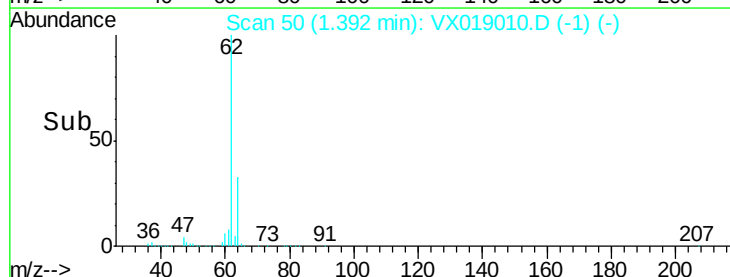
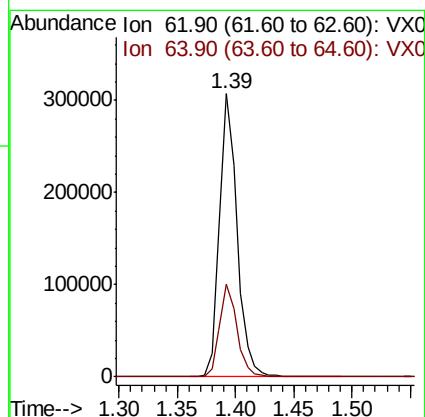
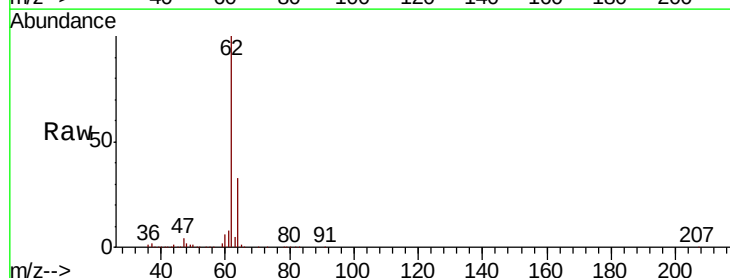
Acq: 21 Oct 2020 19:30

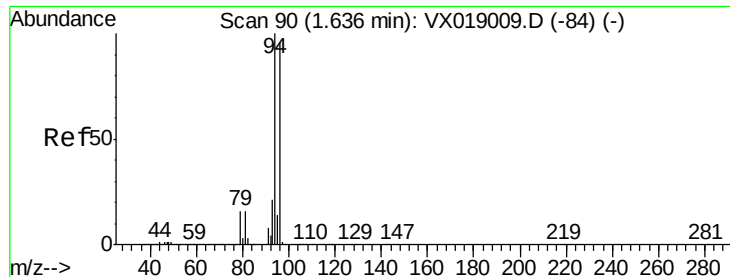
Tgt Ion: 62 Resp: 317316

Ion Ratio Lower Upper

62 100

64 32.6 26.5 39.7





#5

Bromomethane

Concen: 102.978 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

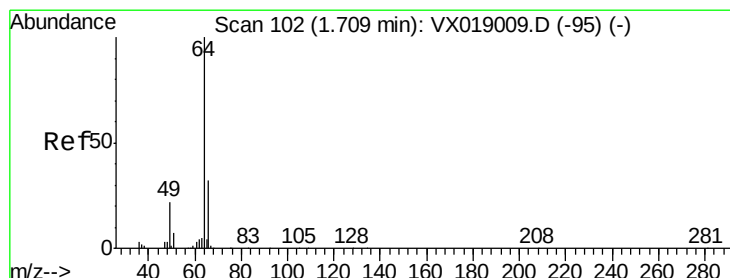
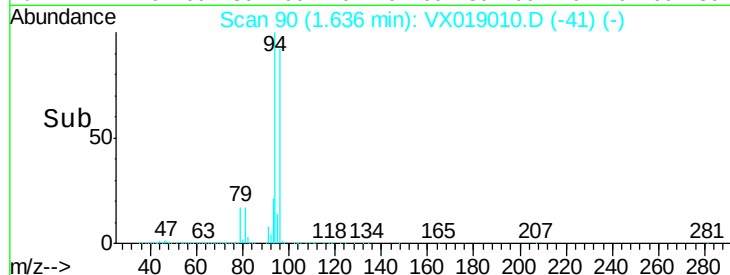
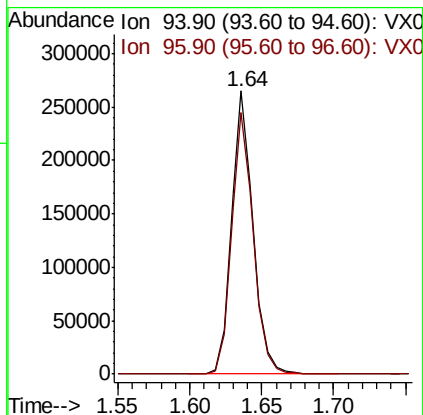
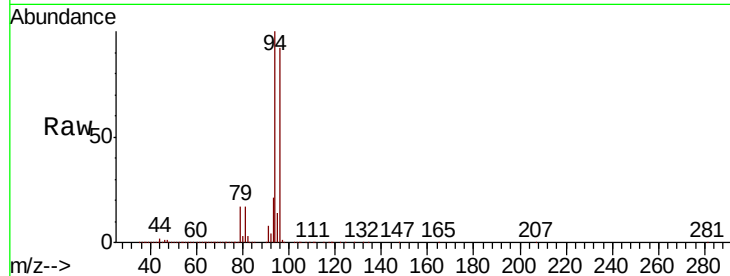
VSTDICC100

Tot Ion: 94 Resp: 277123

Ion Ratio Lower Upper

94 100

96 92.3 77.1 115.7



#6

Chloroethane

Concen: 111.354 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019010.D

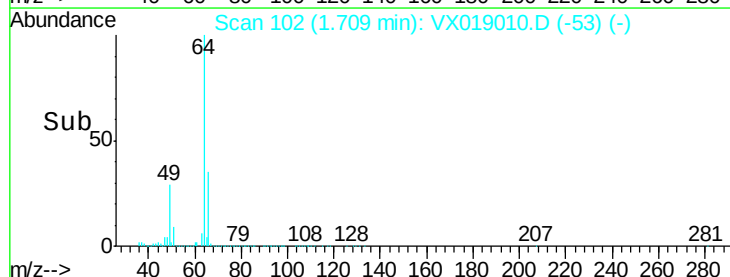
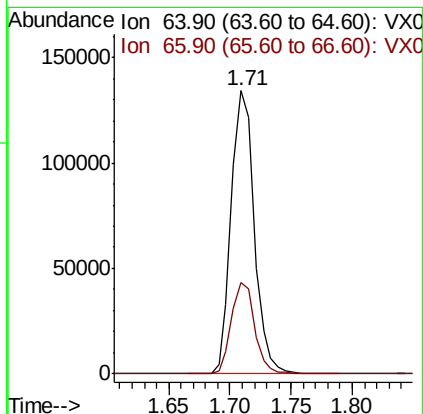
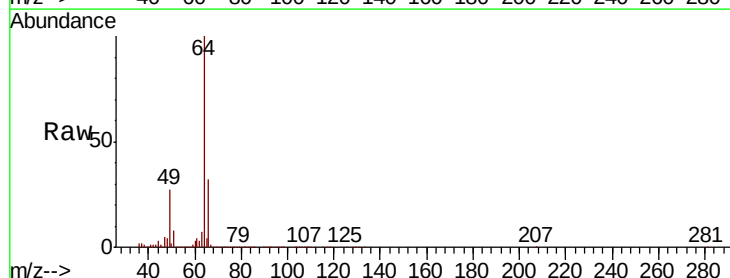
Acq: 21 Oct 2020 19:30

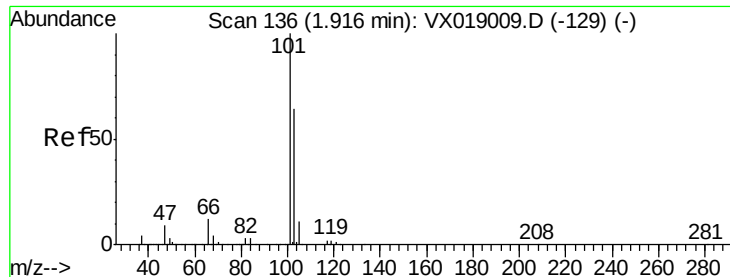
Tgt Ion: 64 Resp: 174137

Ion Ratio Lower Upper

64 100

66 32.3 25.7 38.5



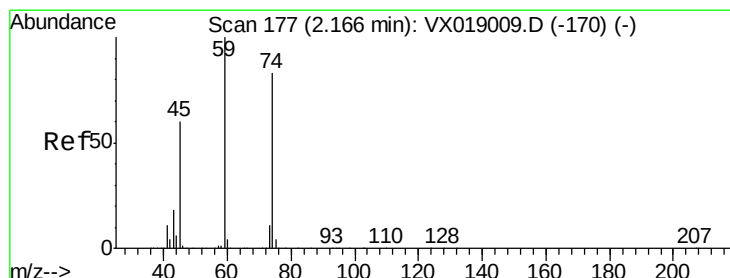
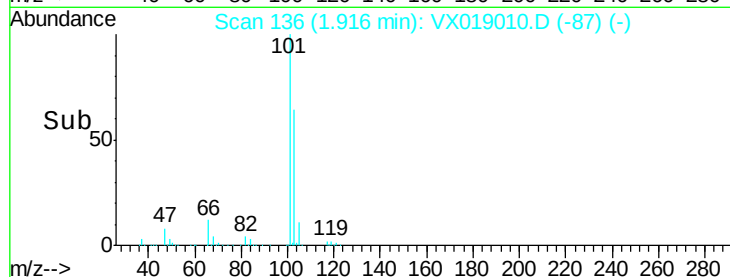
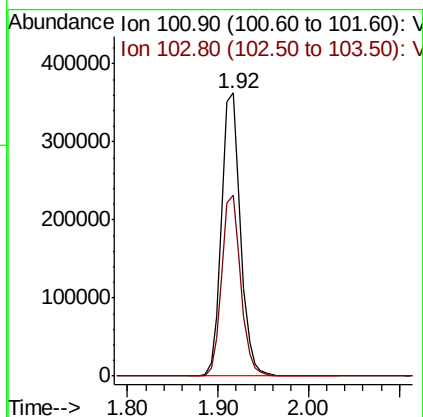
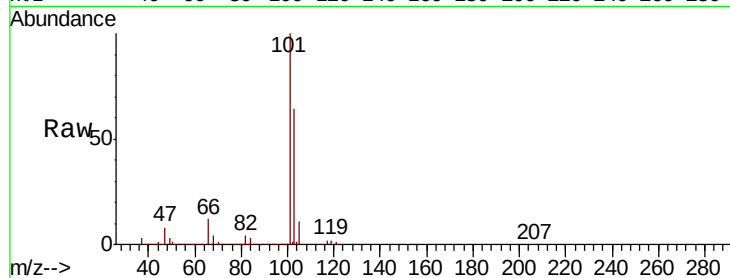


#7

Trichlorofluoromethane
Concen: 99.355 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

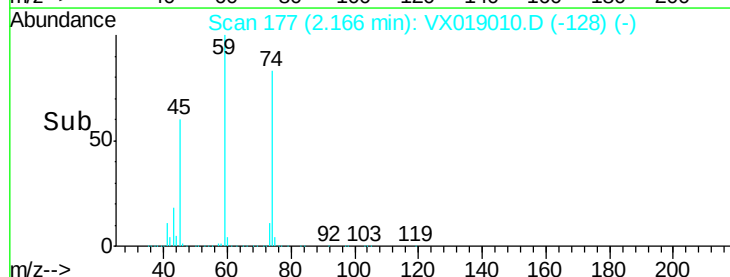
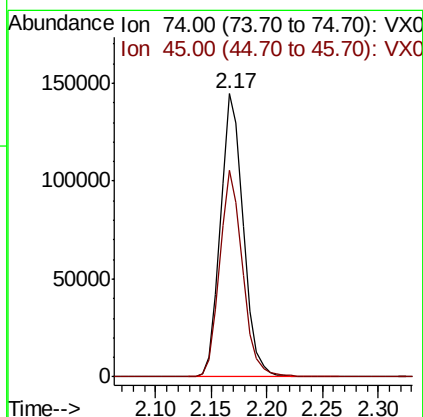
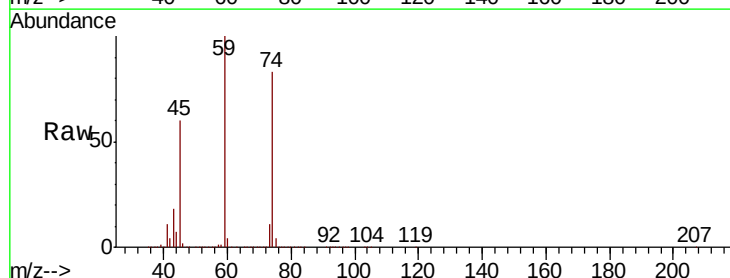
Tot Ion:101 Resp: 528218
Ion Ratio Lower Upper
101 100
103 64.0 51.2 76.8

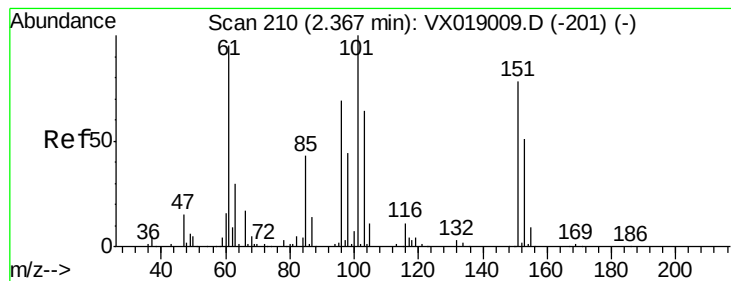


#8

Diethyl Ether
Concen: 98.722 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

Tgt Ion: 74 Resp: 205514
Ion Ratio Lower Upper
74 100
45 72.7 36.8 110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 99.773 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

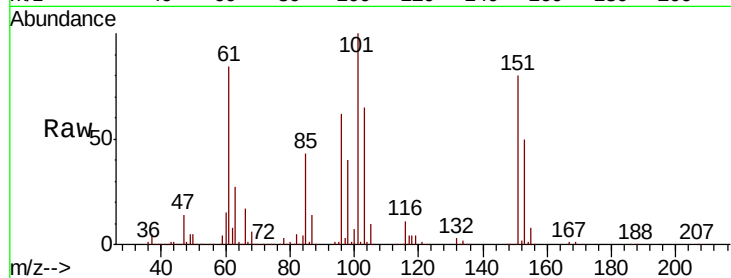
Tot Ion:101 Resp: 251295

Ion Ratio Lower Upper

101 100

85 43.6 35.2 52.8

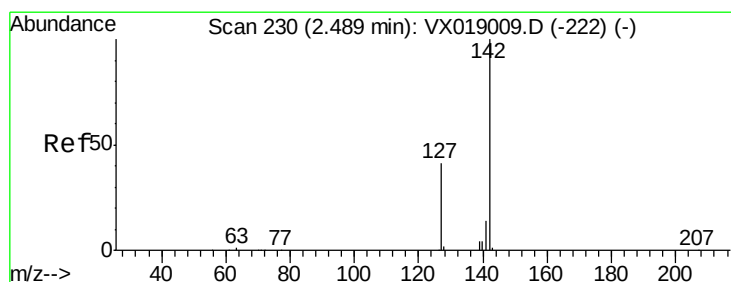
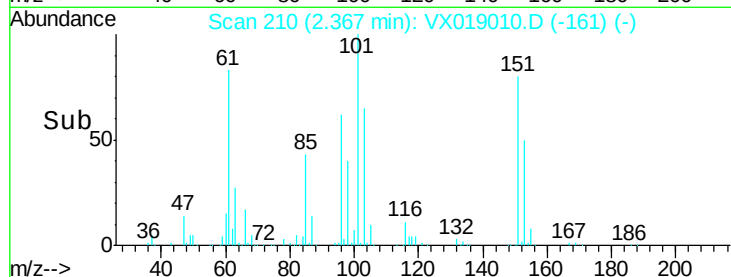
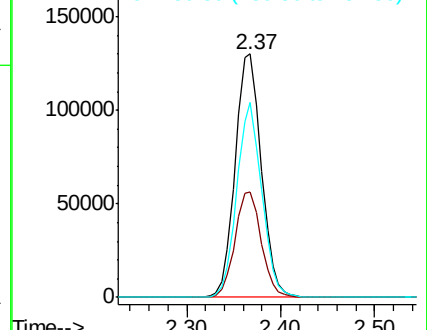
151 76.4 62.4 93.6



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: 100.719 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

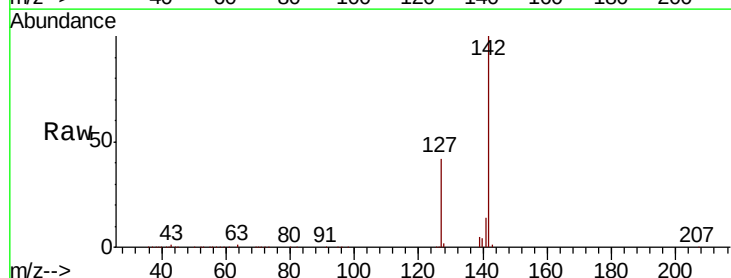
Tgt Ion:142 Resp: 376713

Ion Ratio Lower Upper

142 100

127 42.2 33.6 50.4

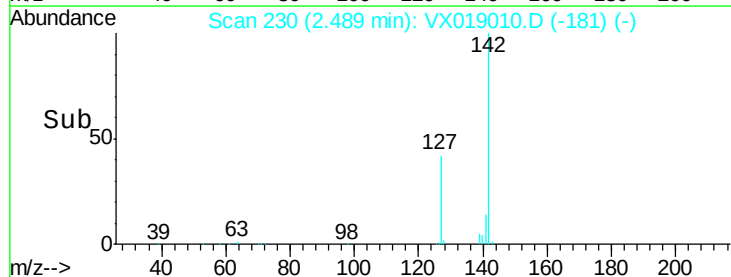
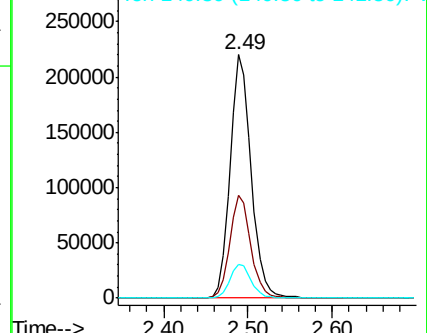
141 14.0 11.2 16.8

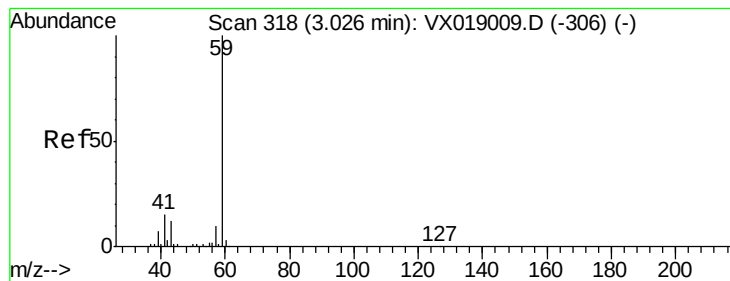


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 278.378 ug/l

RT: 3.03 min Scan# 319

Delta R.T. 0.01 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

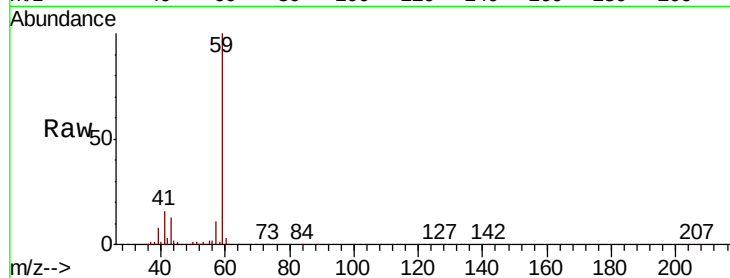
VSTDIC100

Tot Ion: 59 Resp: 181815

Ion Ratio Lower Upper

59 100

57 17.5 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

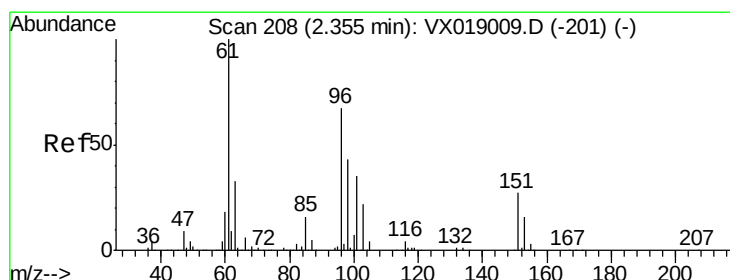
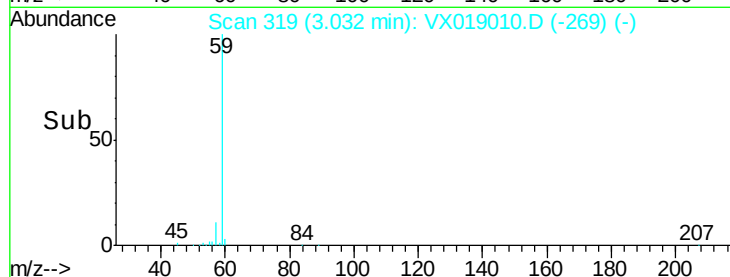
60000

40000

20000

0

Time--> 2.90 2.95 3.00 3.05 3.10



#12

1,1-Dichloroethene

Concen: 98.879 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

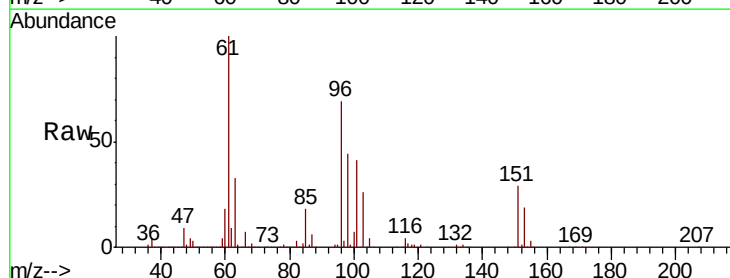
Tgt Ion: 96 Resp: 259098

Ion Ratio Lower Upper

96 100

61 144.2 119.0 178.6

98 63.8 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

300000

250000

200000

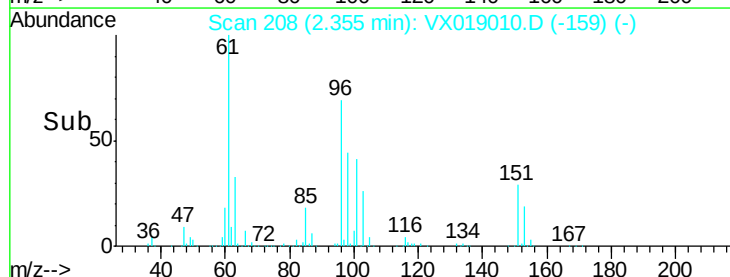
150000

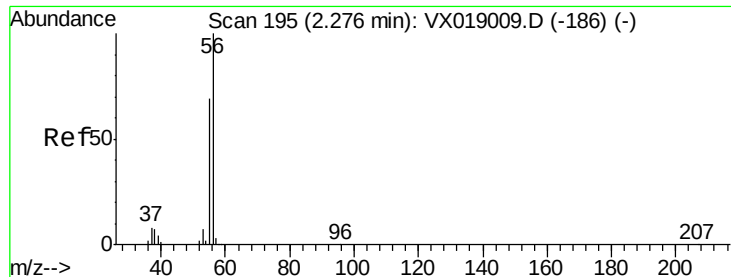
100000

50000

0

Time--> 2.20 2.30 2.40 2.50

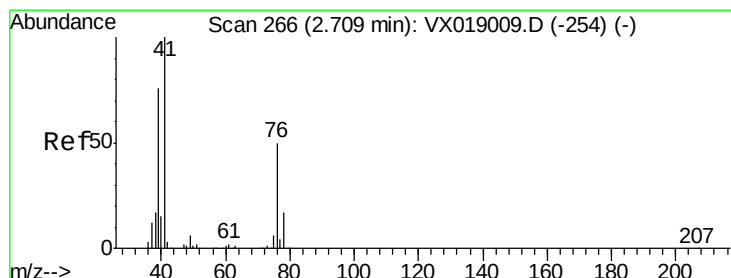
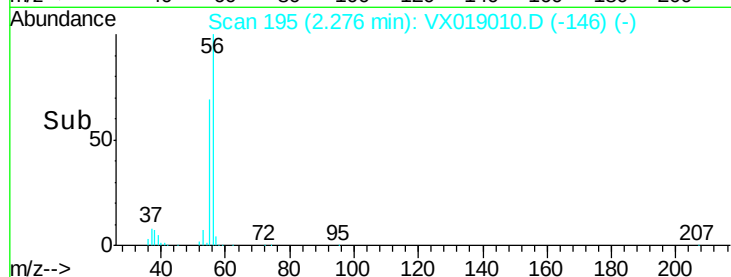
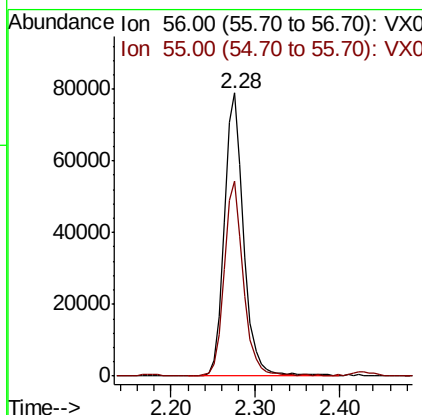
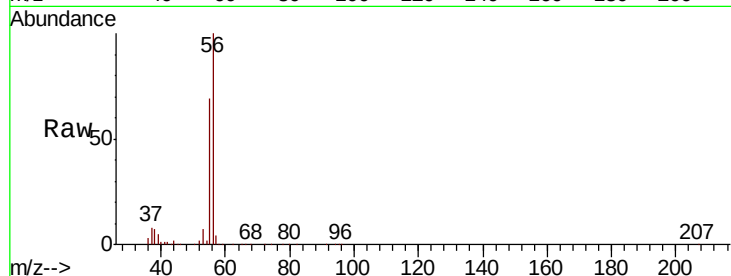




#13
 Acrolein
 Concen: 489.563 ug/l
 RT: 2.28 min Scan# 195
 Delta R.T. 0.00 min
 Lab File: VX019010.D
 Acq: 21 Oct 2020 19:30

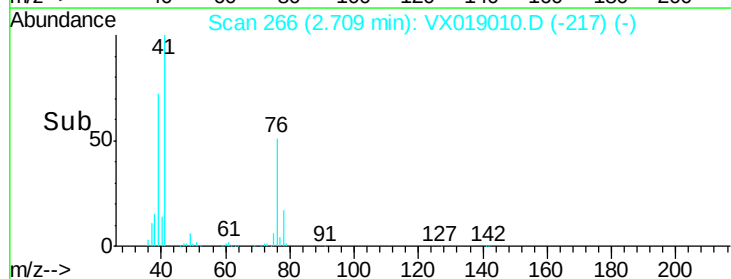
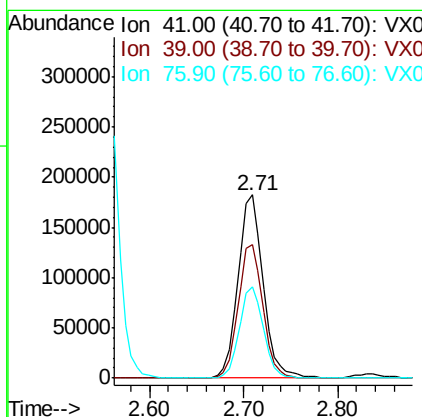
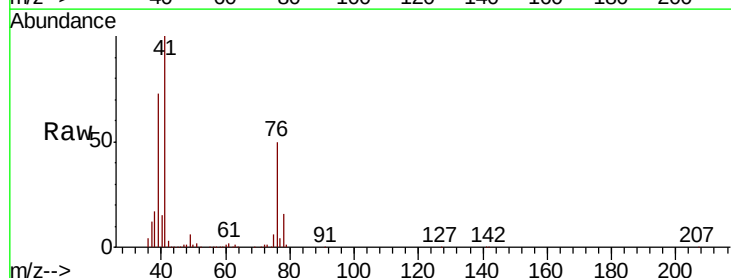
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

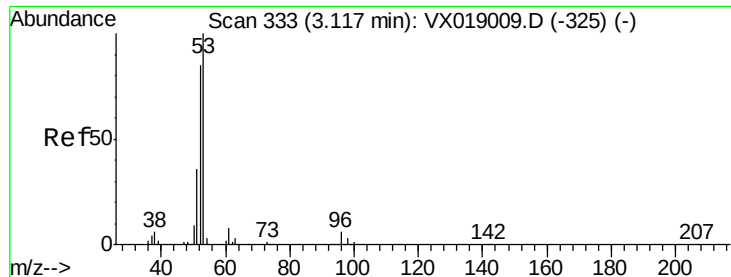
Tot Ion: 56 Resp: 123972
 Ion Ratio Lower Upper
 56 100
 55 67.6 54.2 81.4



#14
 Allyl chloride
 Concen: 99.988 ug/l
 RT: 2.71 min Scan# 266
 Delta R.T. -0.00 min
 Lab File: VX019010.D
 Acq: 21 Oct 2020 19:30

Tgt Ion: 41 Resp: 338942
 Ion Ratio Lower Upper
 41 100
 39 70.8 57.4 86.0
 76 47.5 37.7 56.5





#15

Acrylonitrile

Concen: 504.654 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

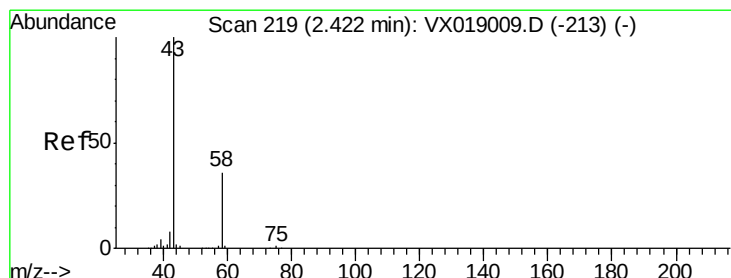
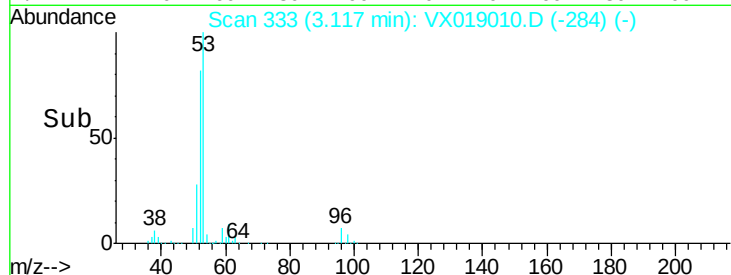
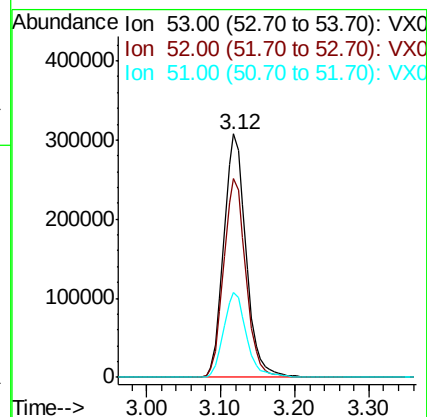
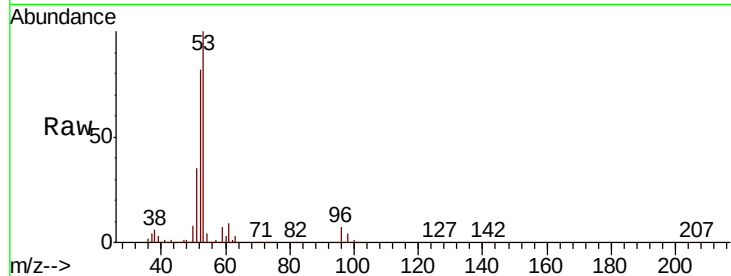
Tot Ion: 53 Resp: 637365

Ion Ratio Lower Upper

53 100

52 81.5 65.9 98.9

51 35.5 28.3 42.5



#16

Acetone

Concen: 486.781 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX019010.D

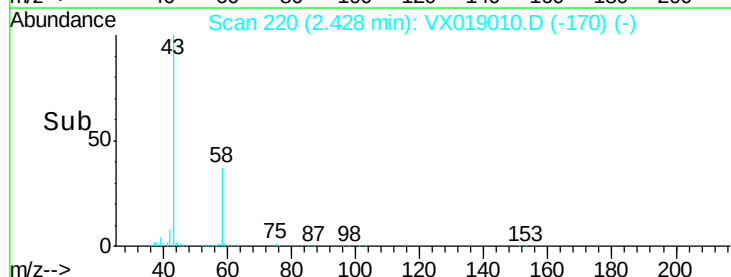
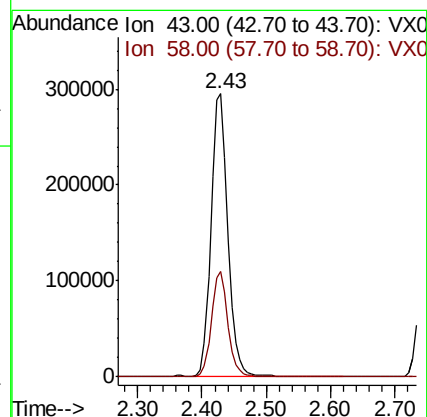
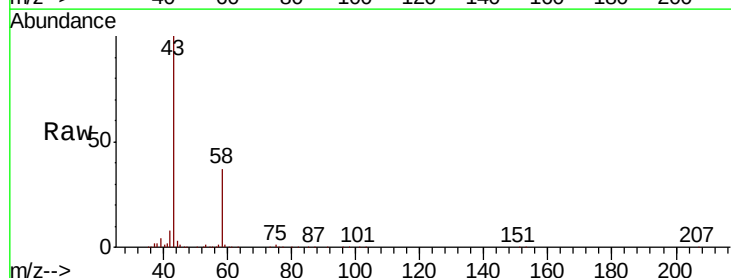
Acq: 21 Oct 2020 19:30

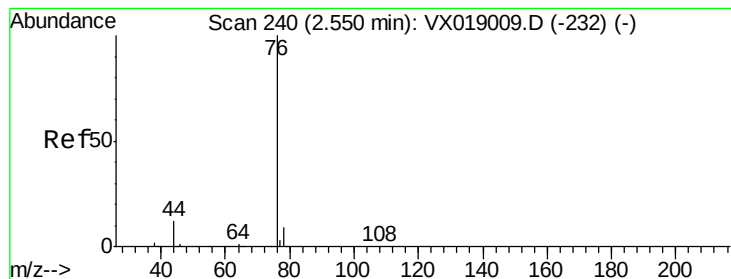
Tgt Ion: 43 Resp: 534678

Ion Ratio Lower Upper

43 100

58 37.2 28.6 42.8





#17

Carbon Disulfide

Concen: 97.188 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

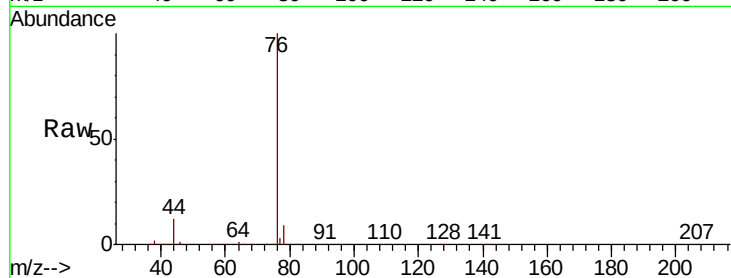
VSTDIC100

Tot Ion: 76 Resp: 734463

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

500000

400000

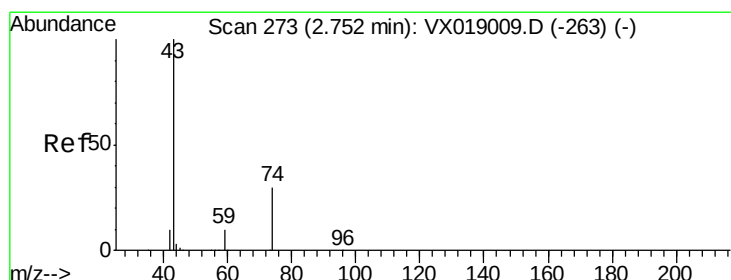
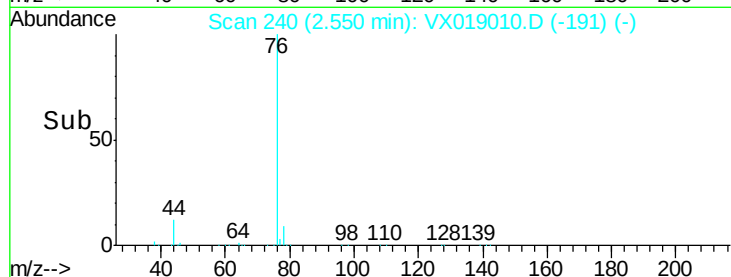
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 101.144 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019010.D

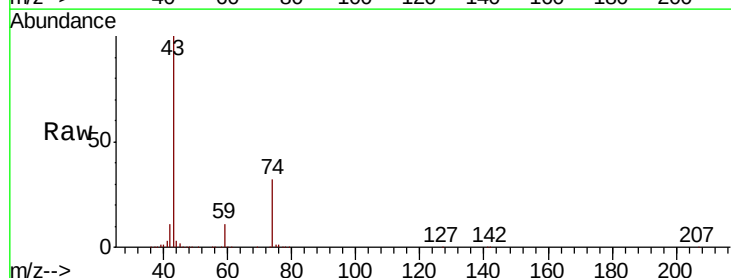
Acq: 21 Oct 2020 19:30

Tgt Ion: 43 Resp: 275682

Ion Ratio Lower Upper

43 100

74 31.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

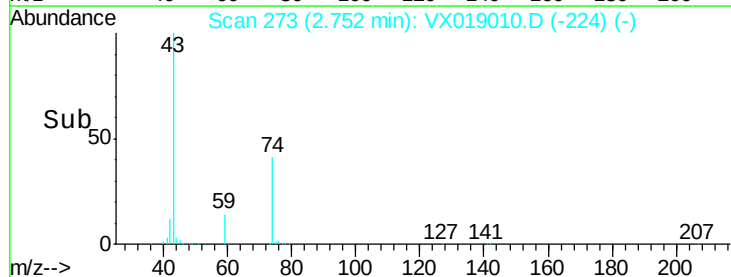
150000

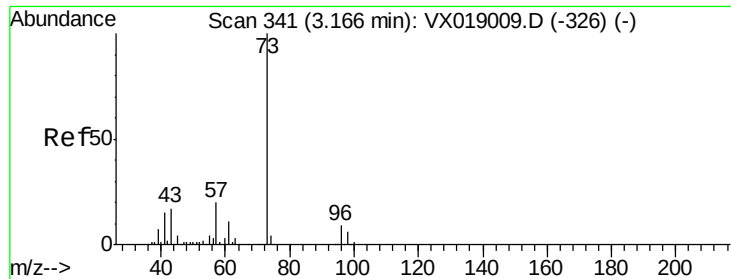
100000

50000

0

Time-->



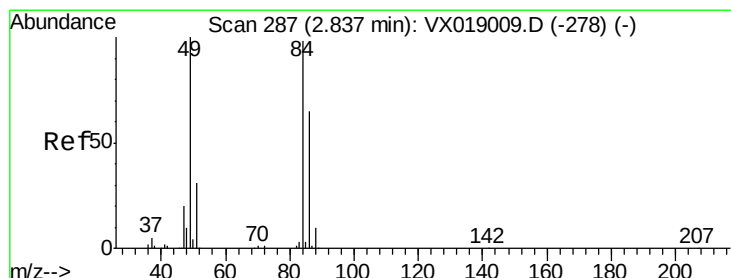
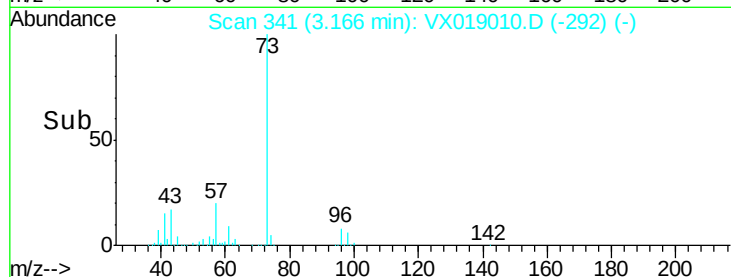
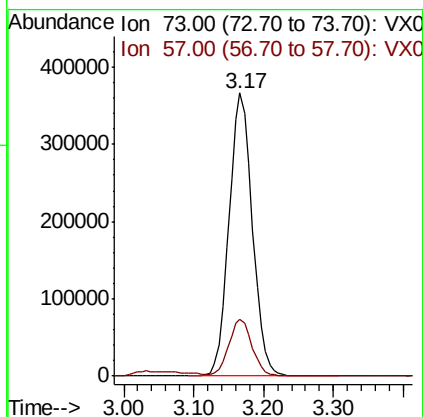
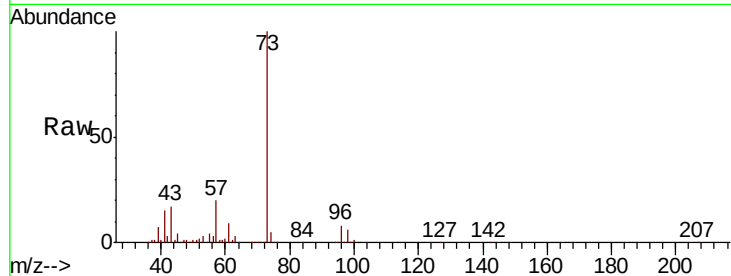


#19

Methyl tert-butyl Ether
 Concen: 102.242 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019010.D
 Acq: 21 Oct 2020 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

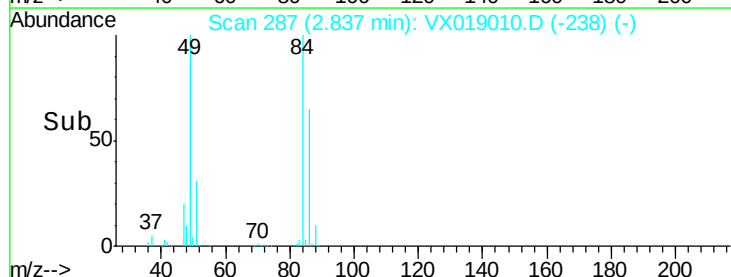
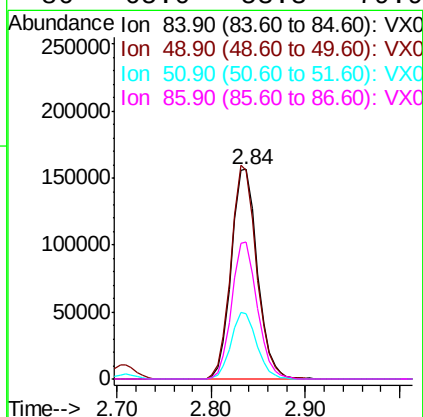
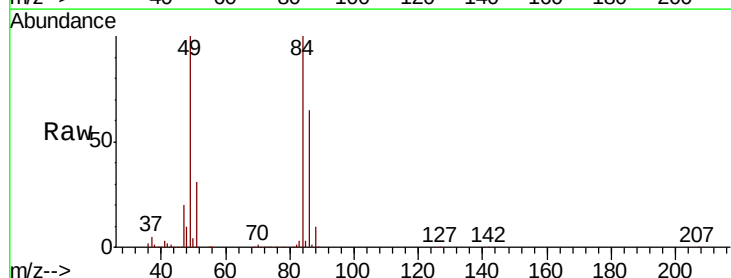
Tot Ion: 73 Resp: 848644
 Ion Ratio Lower Upper
 73 100
 57 20.2 16.2 24.2

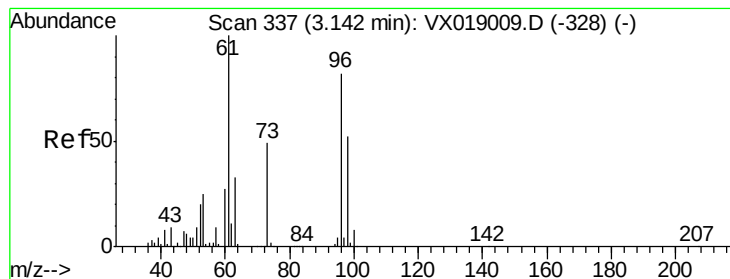


#20

Methylene Chloride
 Concen: 98.621 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX019010.D
 Acq: 21 Oct 2020 19:30

Tgt Ion: 84 Resp: 301573
 Ion Ratio Lower Upper
 84 100
 49 99.8 81.6 122.4
 51 31.3 25.6 38.4
 86 65.0 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 98.666 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

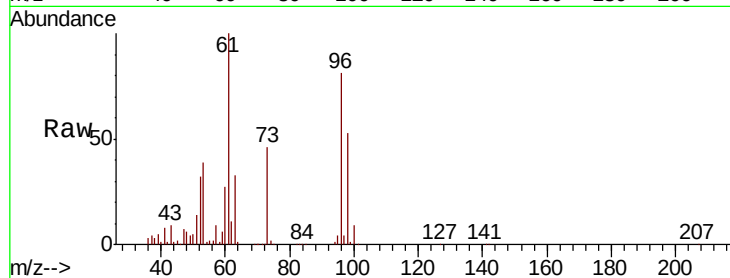
Tot Ion: 96 Resp: 301685

Ion Ratio Lower Upper

96 100

61 122.9 97.8 146.6

98 65.0 50.7 76.1

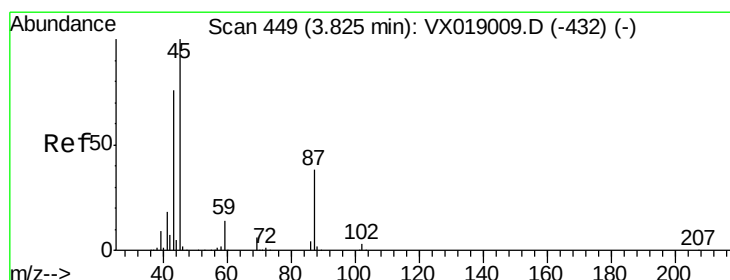
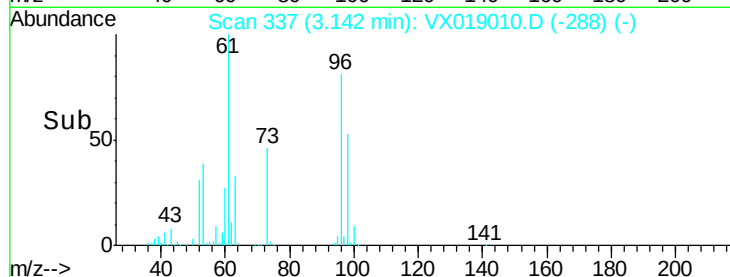
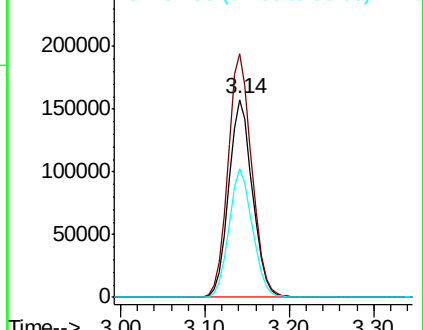


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 101.927 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Tgt Ion: 45 Resp: 681321

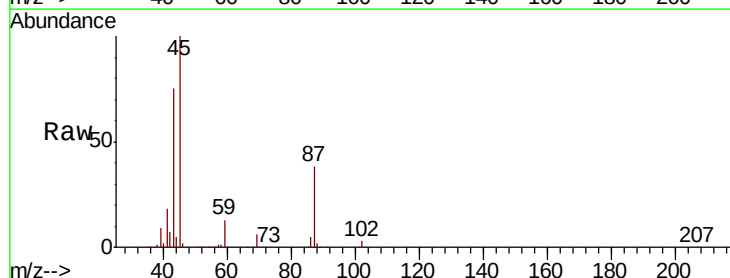
Ion Ratio Lower Upper

45 100

43 75.4 60.4 90.6

87 37.8 30.4 45.6

59 13.2 11.2 16.8



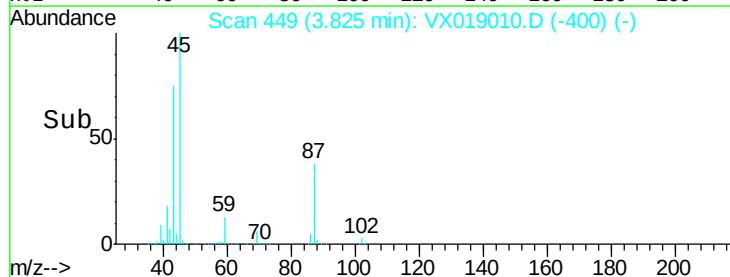
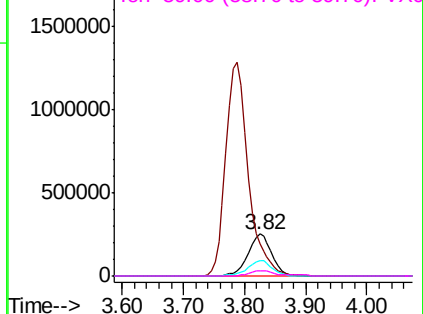
Abundance

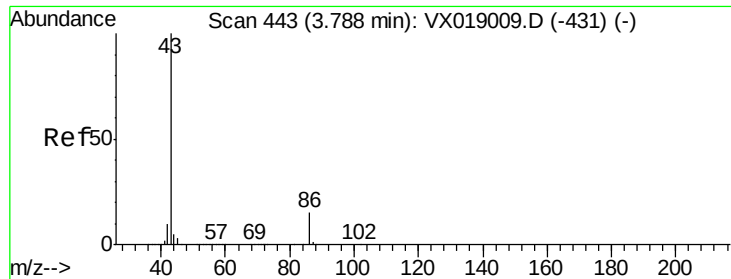
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 517.501 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampled :

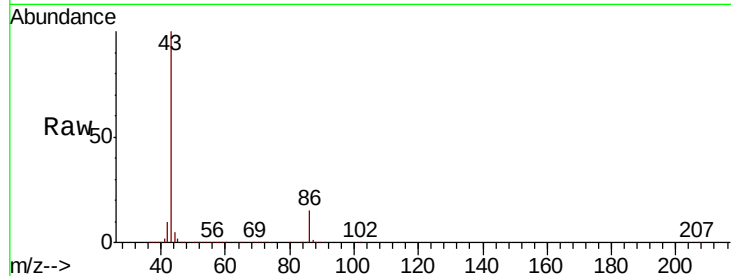
VSTDIC100

Tot Ion: 43 Resp: 3284671

Ion Ratio Lower Upper

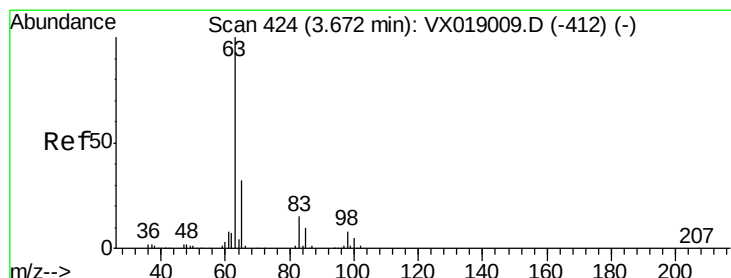
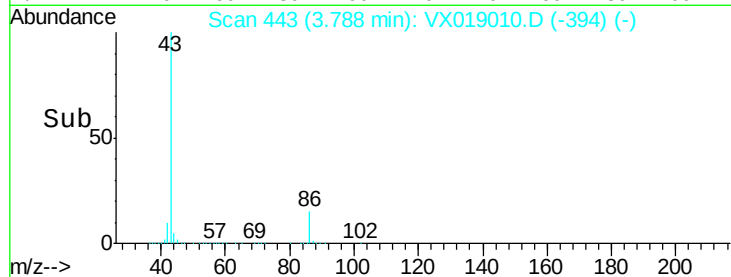
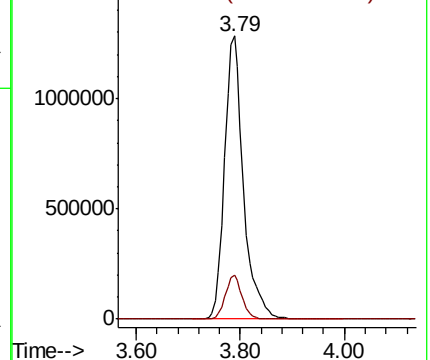
43 100

86 15.4 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 100.883 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

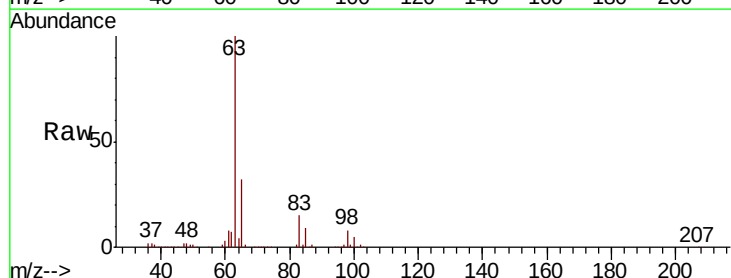
Tgt Ion: 63 Resp: 491095

Ion Ratio Lower Upper

63 100

98 7.9 4.0 12.0

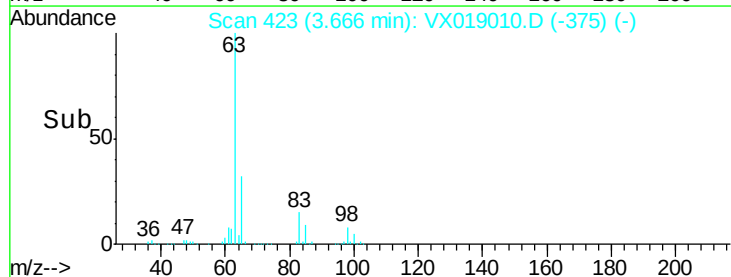
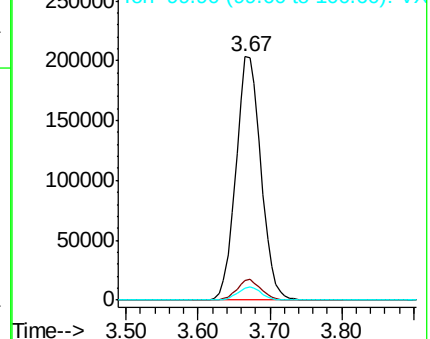
100 4.7 2.5 7.4

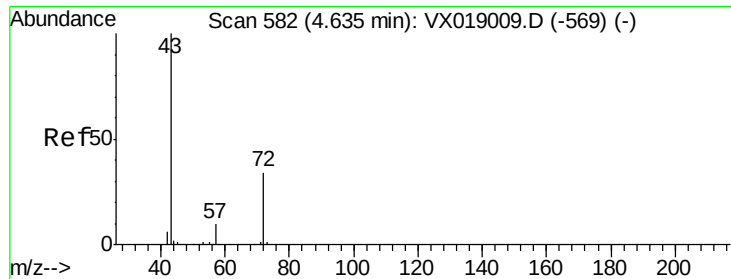


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 509.555 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

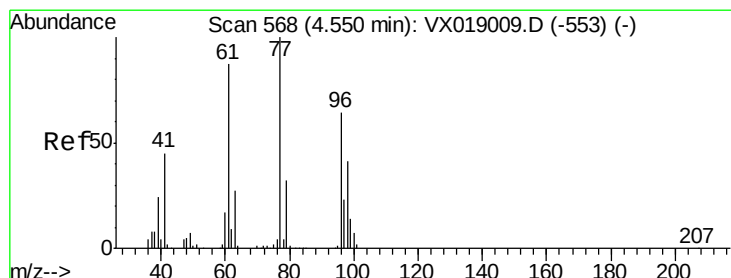
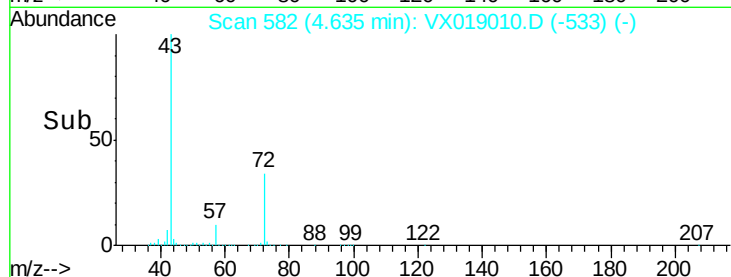
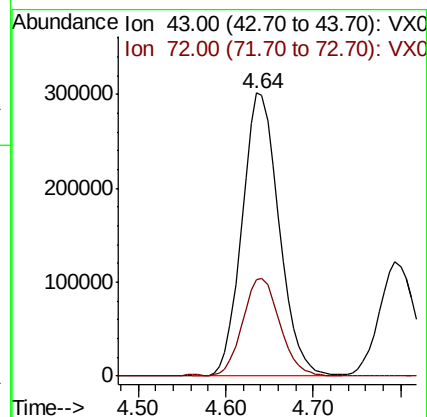
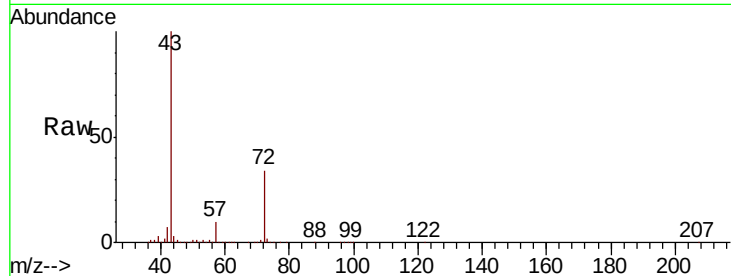
VSTDIC100

Tot Ion: 43 Resp: 884362

Ion Ratio Lower Upper

43 100

72 34.1 27.8 41.6



#26

2,2-Dichloropropane

Concen: 100.433 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019010.D

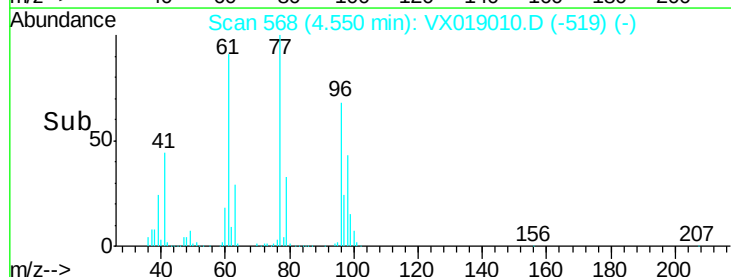
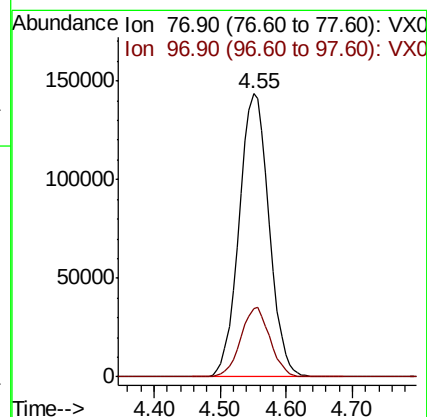
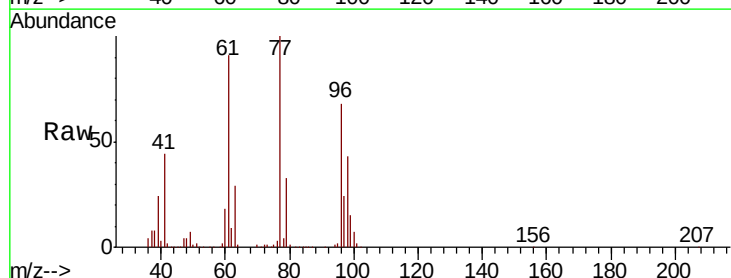
Acq: 21 Oct 2020 19:30

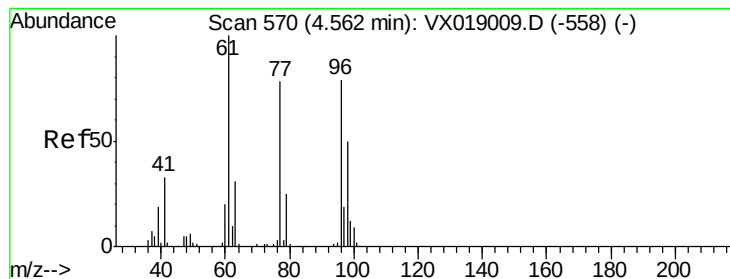
Tgt Ion: 77 Resp: 451410

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.7



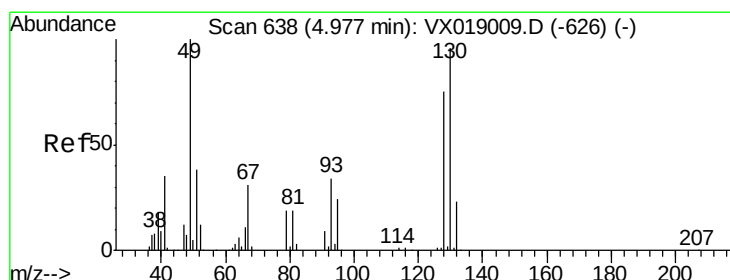
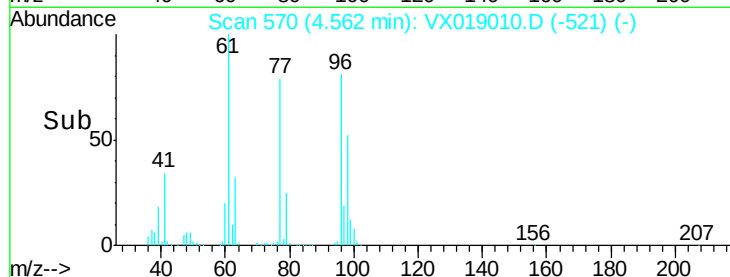
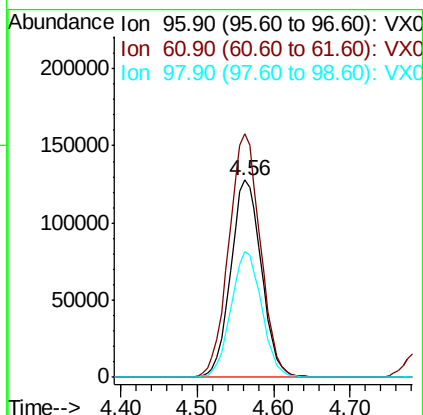
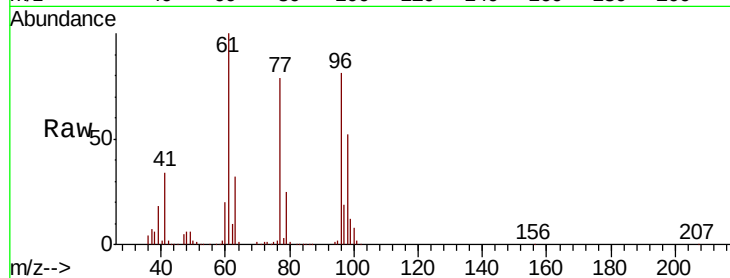


#27

cis-1,2-Dichloroethene
 Concen: 102.277 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX019010.D
 Acq: 21 Oct 2020 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

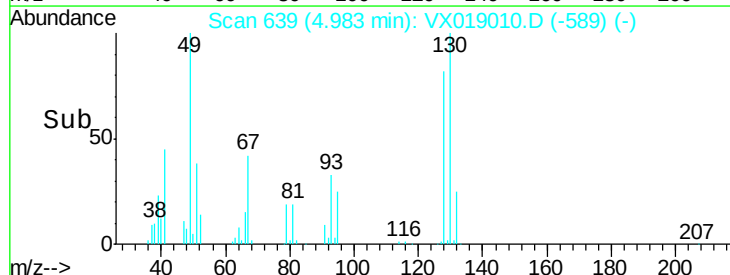
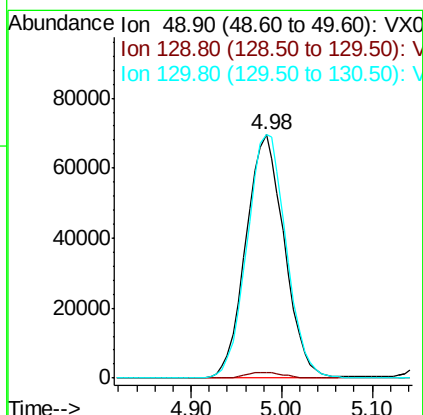
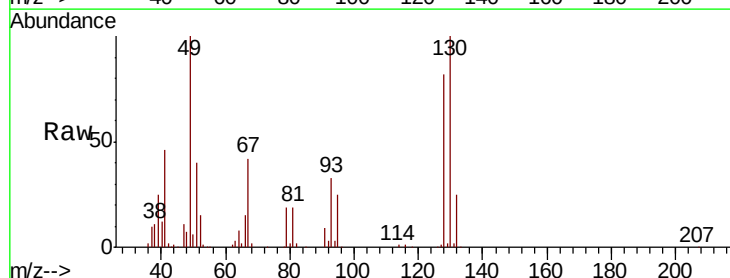
Tot Ion	Ratio	Lower	Upper
96	100		
61	127.1	0.0	260.0
98	63.9	0.0	131.4

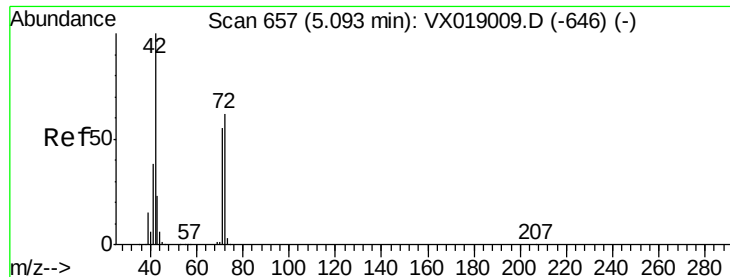


#28

Bromochloromethane
 Concen: 98.942 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VX019010.D
 Acq: 21 Oct 2020 19:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	101.9	79.0	118.6

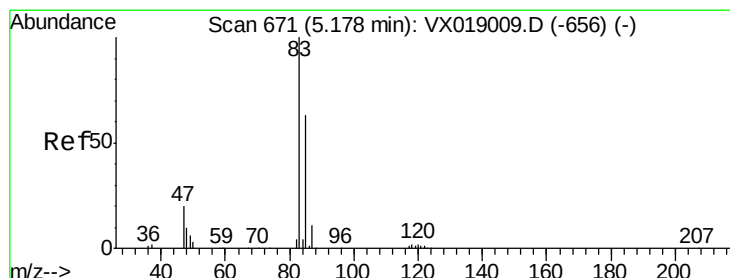
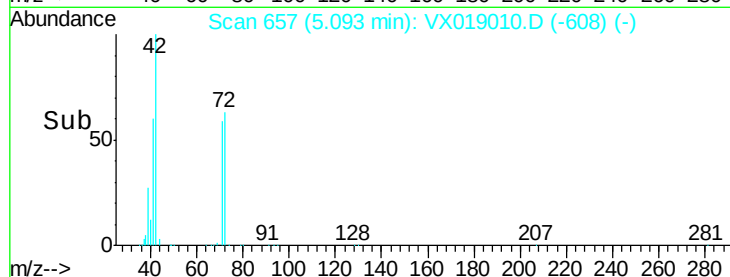
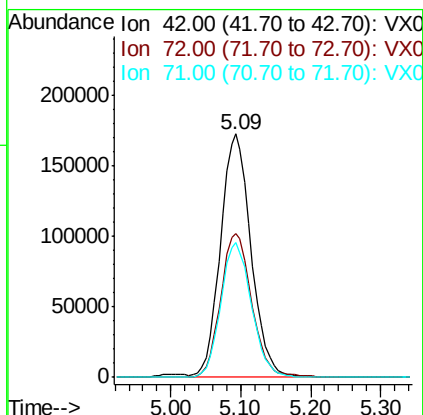
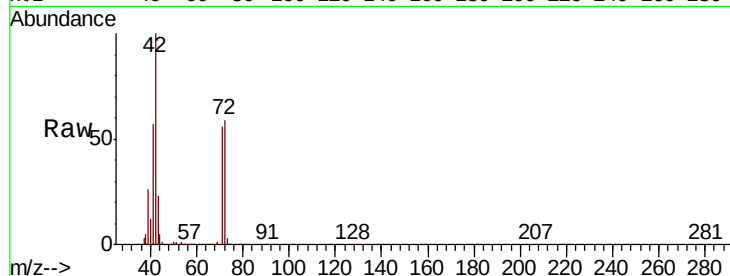




#29
Tetrahydrofuran
Concen: 501.676 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

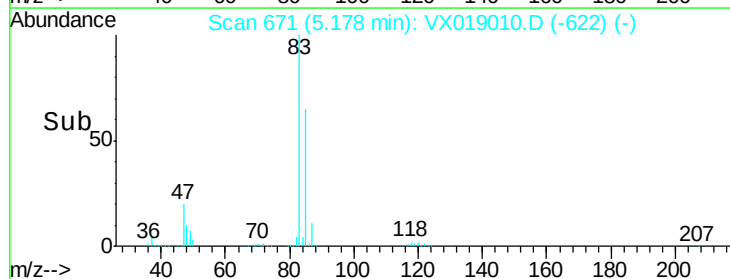
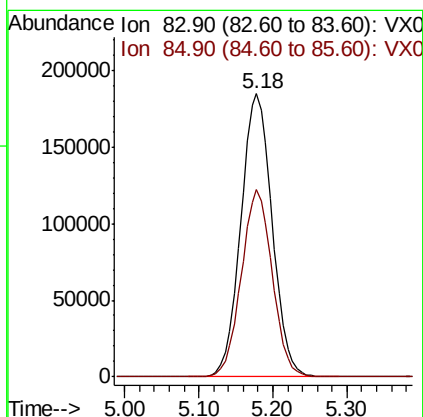
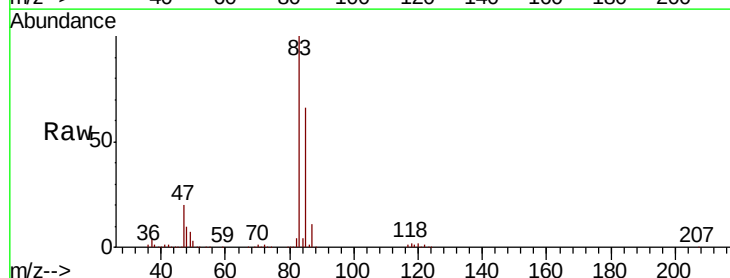
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

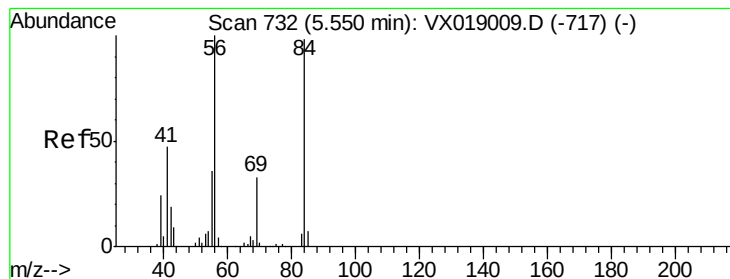
Tot Ion	Ratio	Lower	Upper
42	100		
72	60.7	49.1	73.7
71	55.7	44.2	66.4



#30
Chloroform
Concen: 103.031 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.5	75.7





#31

Cyclohexane

Concen: 100.270 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

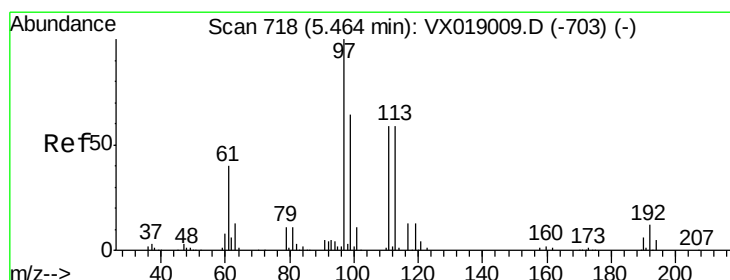
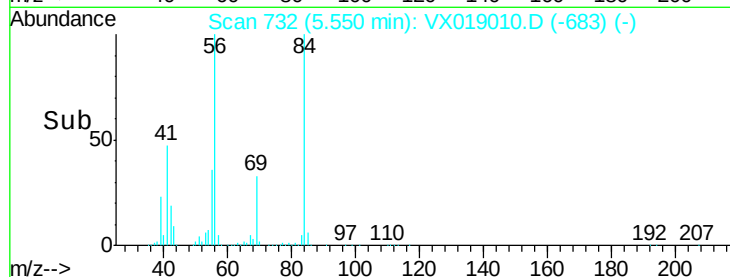
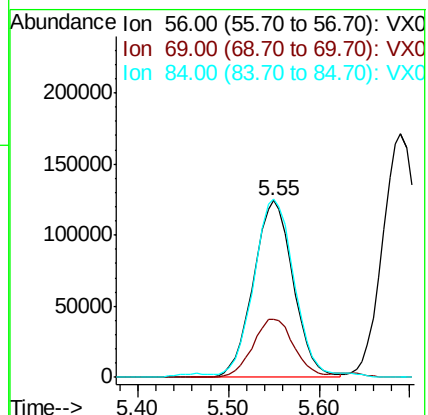
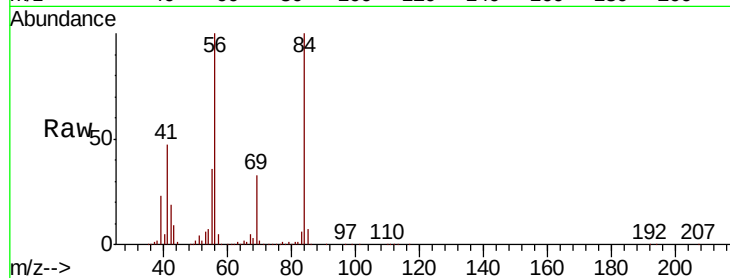
Tot Ion: 56 Resp: 378656

Ion Ratio Lower Upper

56 100

69 33.1 26.2 39.2

84 98.5 78.3 117.5



#32

1,1,1-Trichloroethane

Concen: 103.210 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

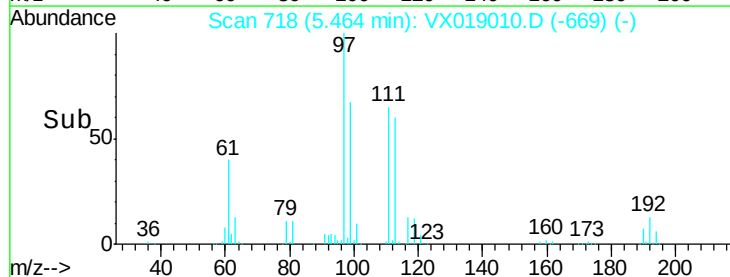
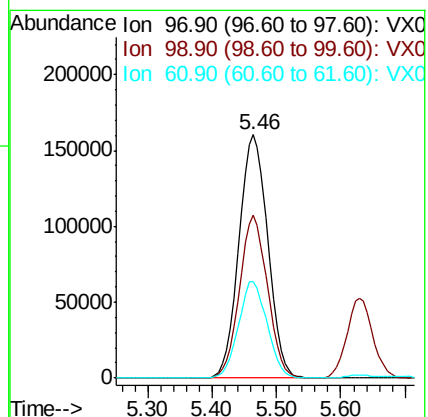
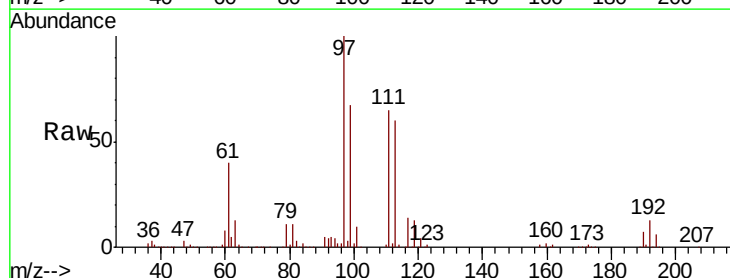
Tgt Ion: 97 Resp: 494715

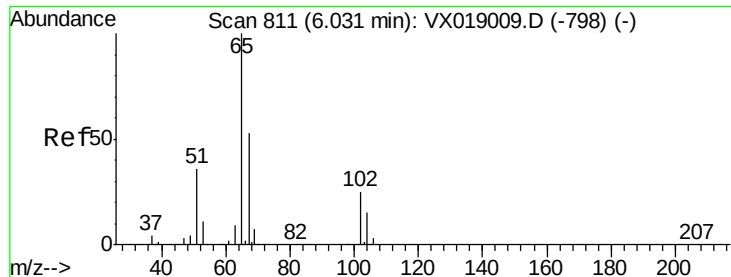
Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

61 39.6 31.9 47.9

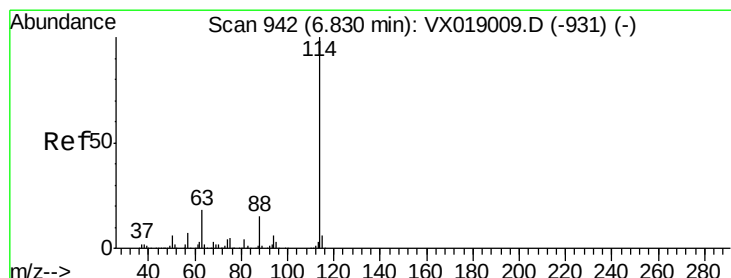
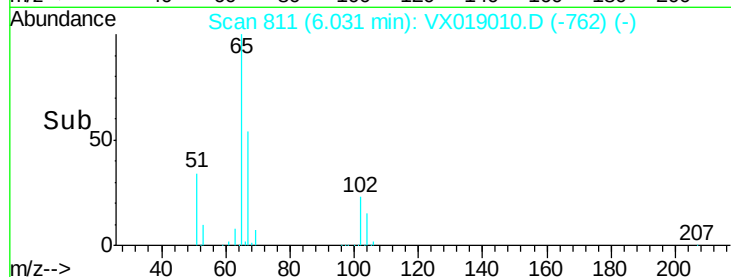
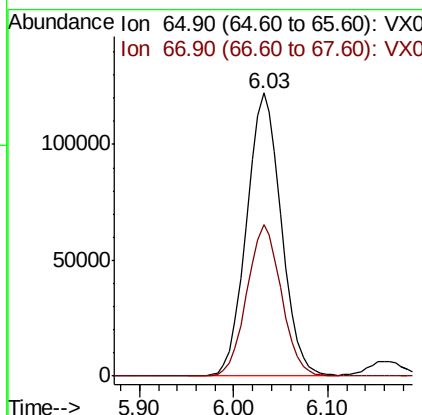
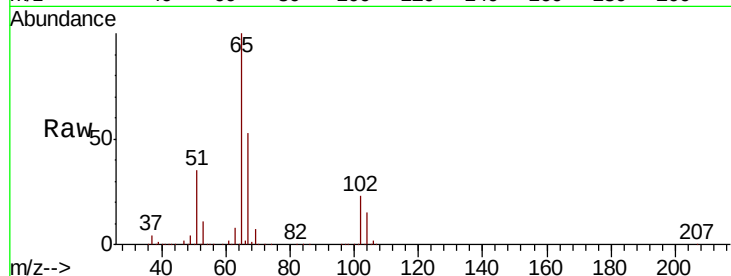




#33
 1,2-Dichloroethane-d4
 Concen: 97.902 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019010.D
 Acq: 21 Oct 2020 19:30

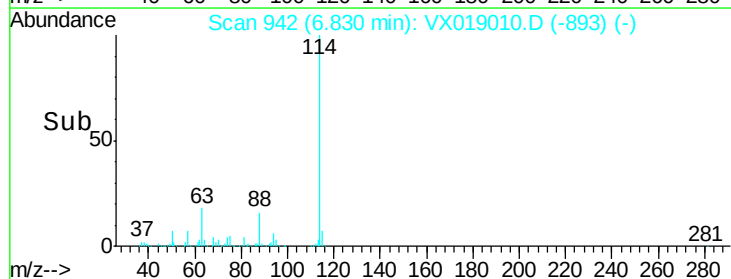
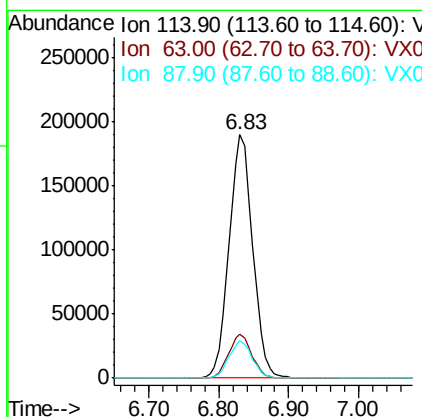
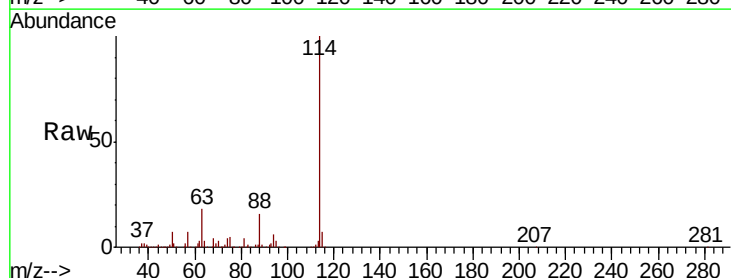
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

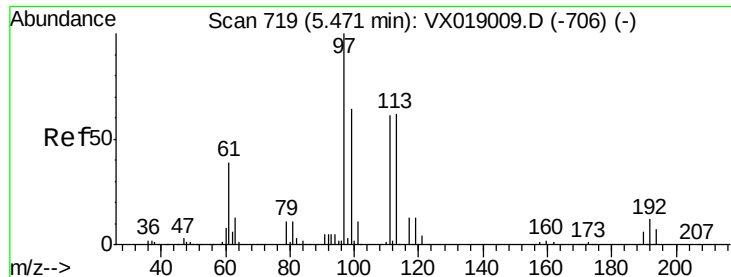
Tot Ion: 65 Resp: 315712
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019010.D
 Acq: 21 Oct 2020 19:30

Tgt Ion: 114 Resp: 445247
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.8
 88 15.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 100.449 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

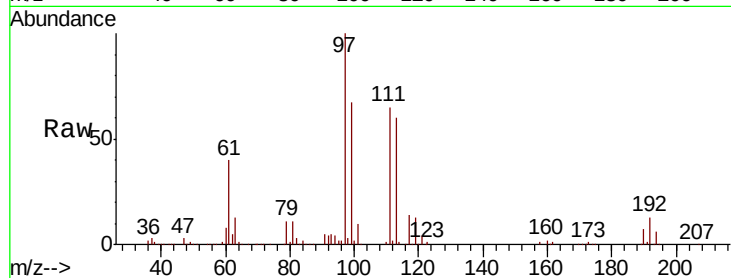
Tot Ion:113 Resp: 283166

Ion Ratio Lower Upper

113 100

111 103.5 81.5 122.3

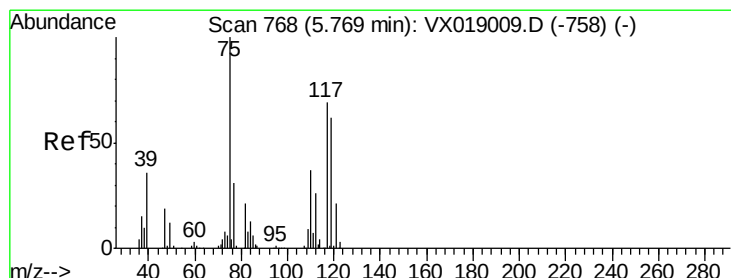
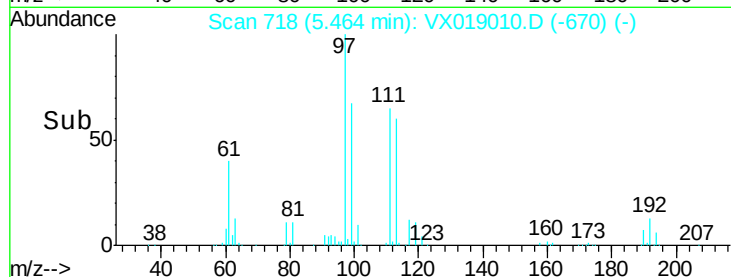
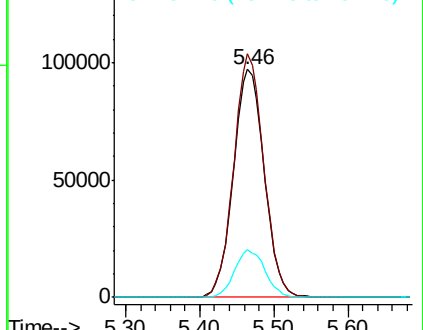
192 20.8 16.3 24.5



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: 101.413 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

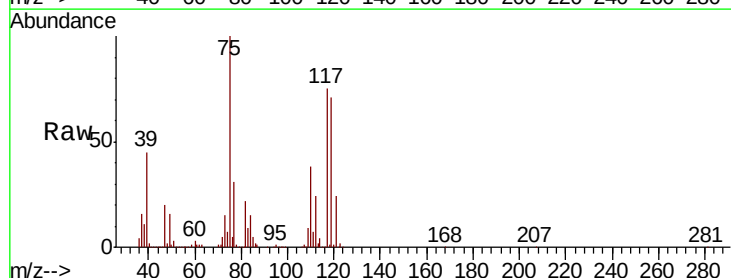
Tgt Ion: 75 Resp: 405166

Ion Ratio Lower Upper

75 100

110 38.5 19.4 58.2

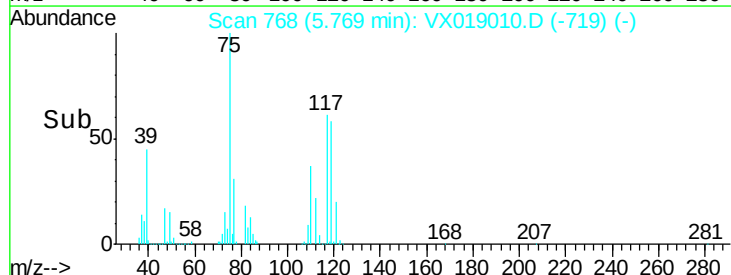
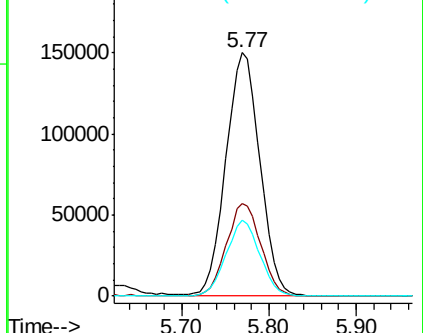
77 30.7 25.2 37.8

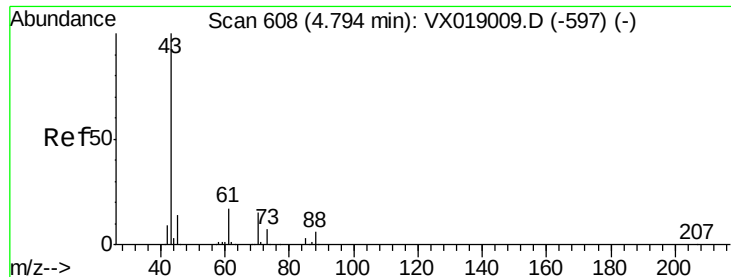


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

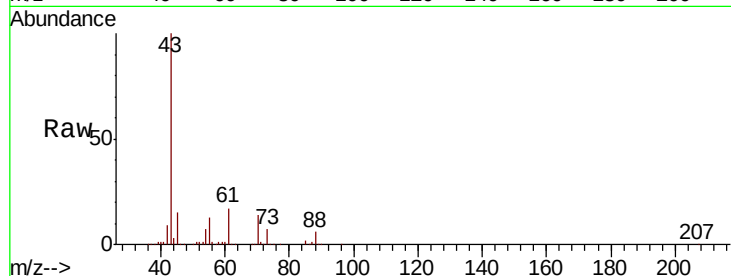




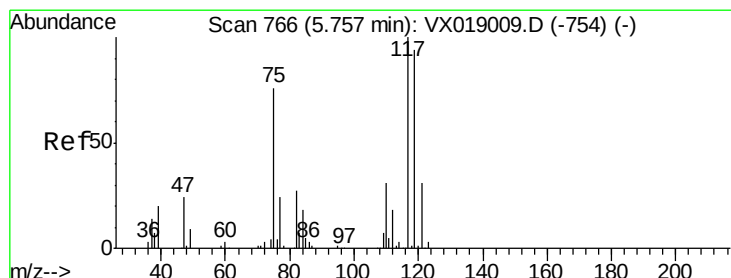
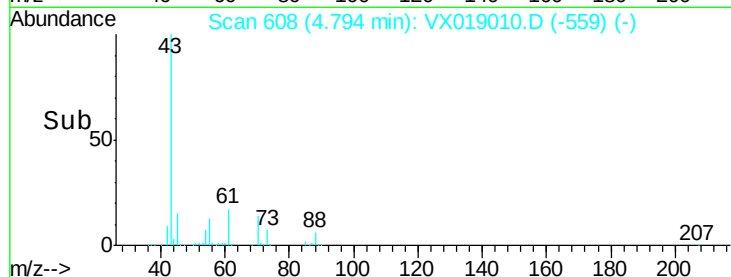
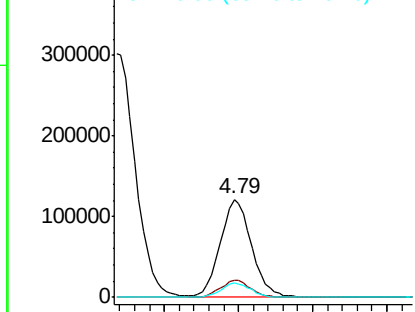
#37
Ethyl Acetate
Concen: 103.508 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 352959
Ion Ratio Lower Upper
43 100
61 16.7 13.8 20.8
70 14.1 11.4 17.2

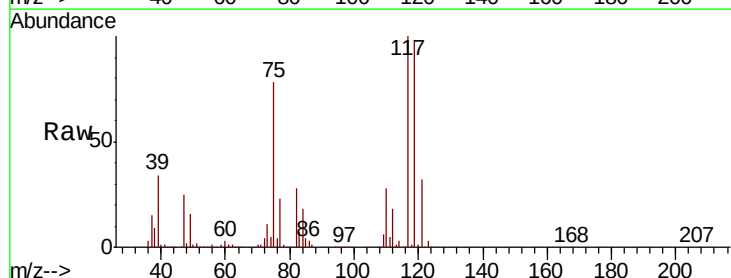


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

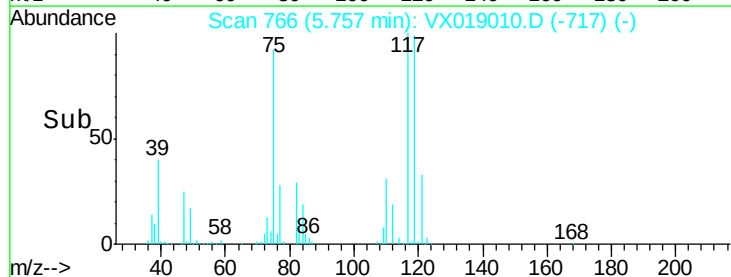
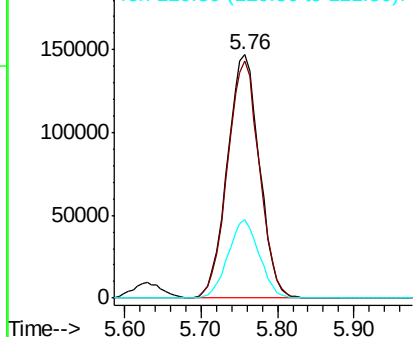


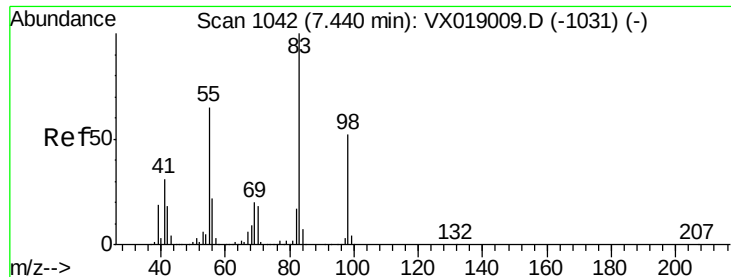
#38
Carbon Tetrachloride
Concen: 101.735 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

Tgt Ion: 117 Resp: 426613
Ion Ratio Lower Upper
117 100
119 97.7 75.4 113.0
121 32.5 25.0 37.6



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

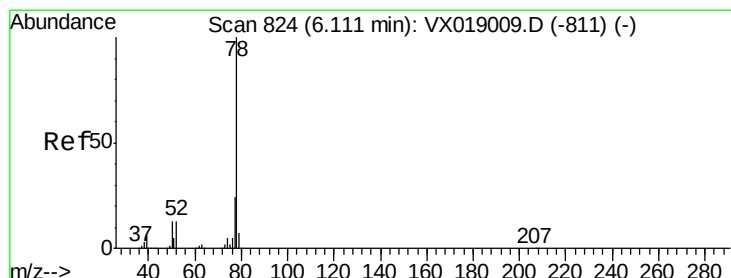
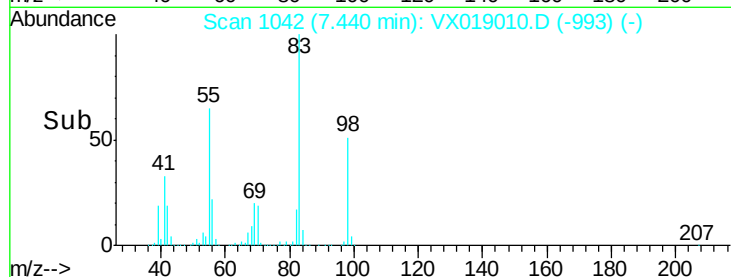
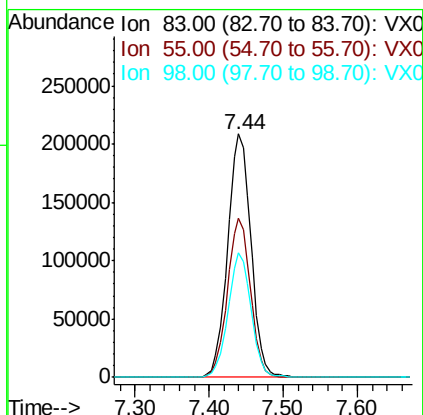
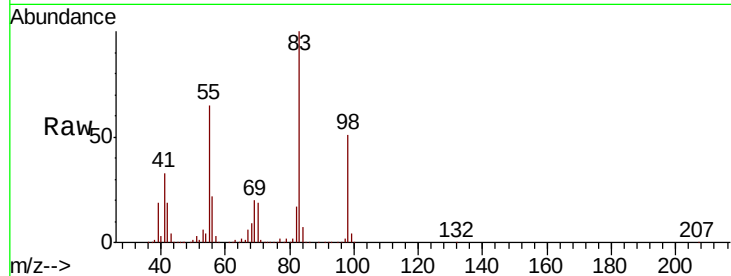




#39
Methylvlcyclohexane
Concen: 102.095 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

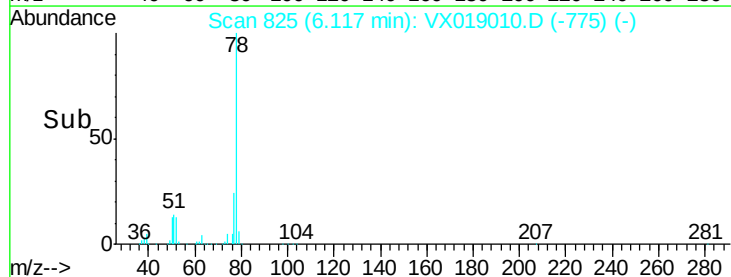
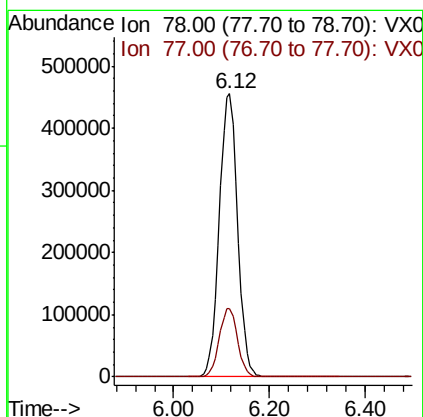
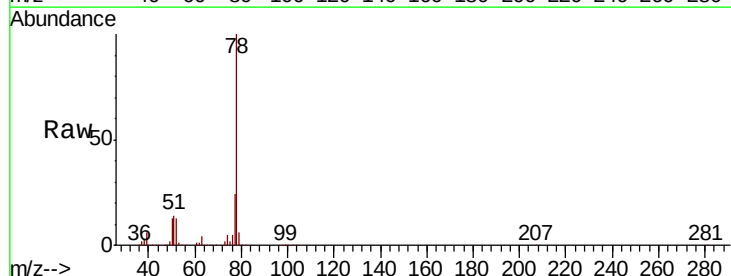
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

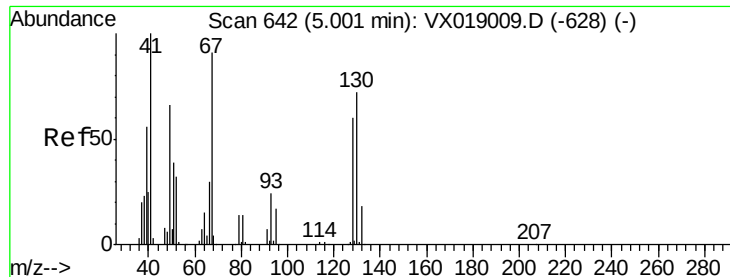
Tot Ion: 83 Resp: 456978
Ion Ratio Lower Upper
83 100
55 65.2 51.8 77.6
98 51.0 41.4 62.2



#40
Benzene
Concen: 102.251 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

Tgt Ion: 78 Resp: 1203119
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9

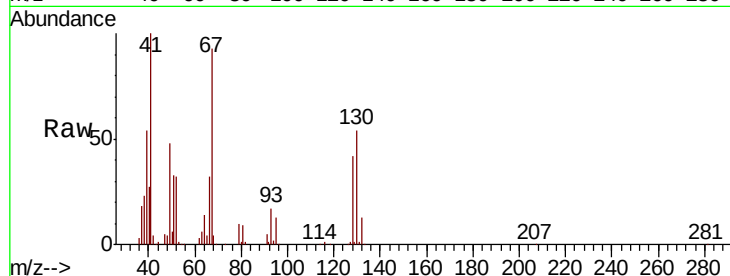




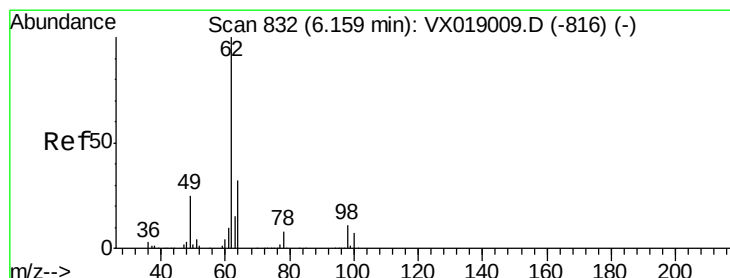
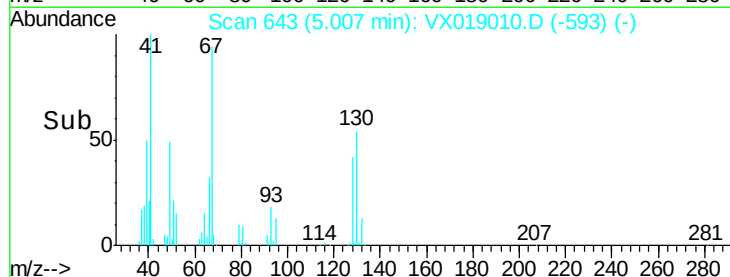
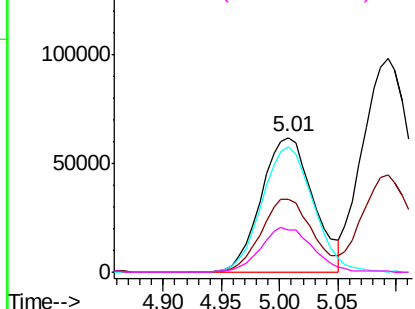
#41
Methacrylonitrile
Concen: 104.609 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	41	Resp:	191614
Ion	Ratio	Lower	Upper
41	100		
39	53.8	44.6	67.0
67	92.4	76.1	114.1
52	33.5	28.3	42.5

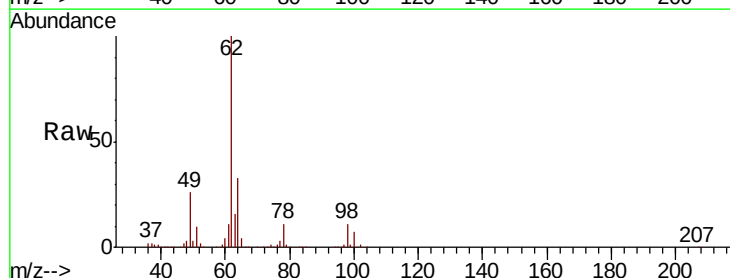


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

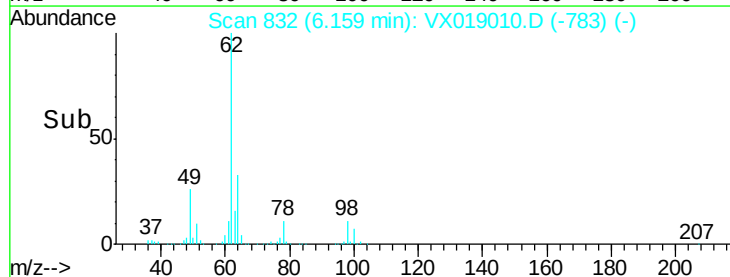
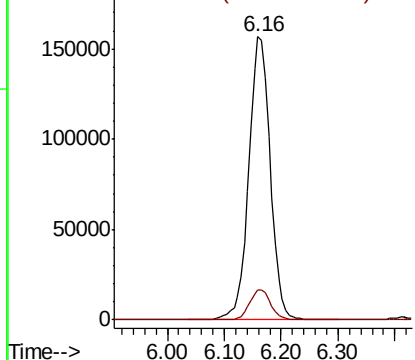


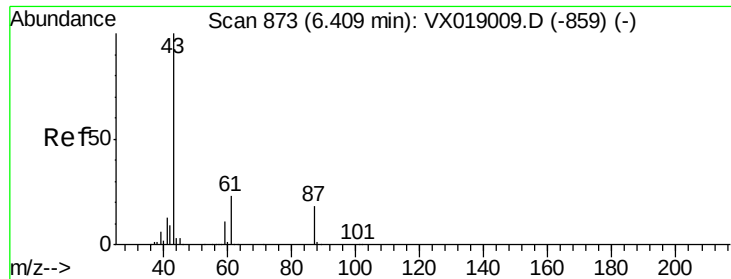
#42
1,2-Dichloroethane
Concen: 102.313 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

Tgt Ion:	62	Resp:	410839
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8



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





#43

Isopropyl Acetate

Concen: 103.996 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

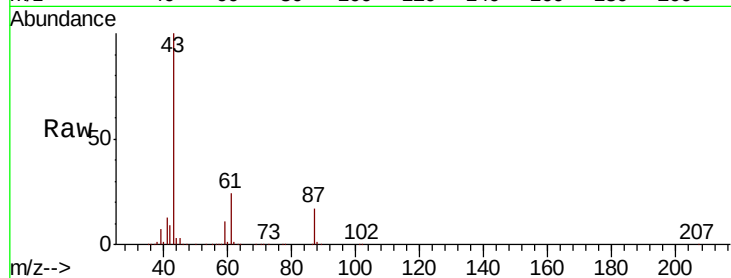
Tot Ion: 43 Resp: 600589

Ion Ratio Lower Upper

43 100

61 23.9 18.7 28.1

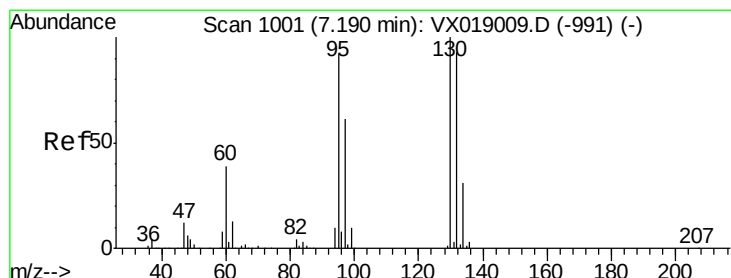
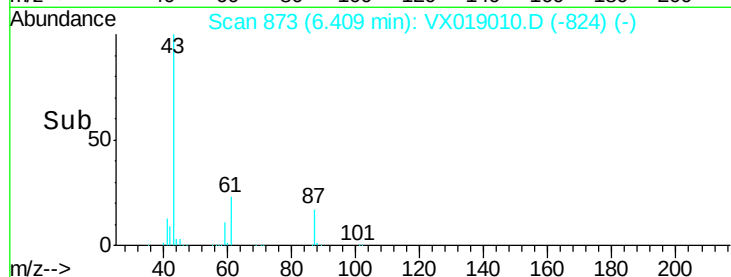
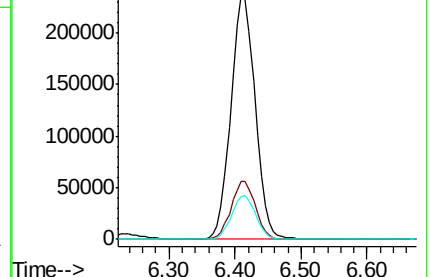
87 18.0 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VX019009.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX019009.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX019009.D (-859) (-)



#44

Trichloroethene

Concen: 101.487 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX019010.D

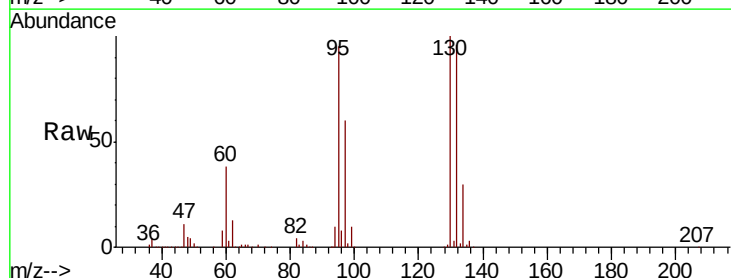
Acq: 21 Oct 2020 19:30

Tgt Ion:130 Resp: 348239

Ion Ratio Lower Upper

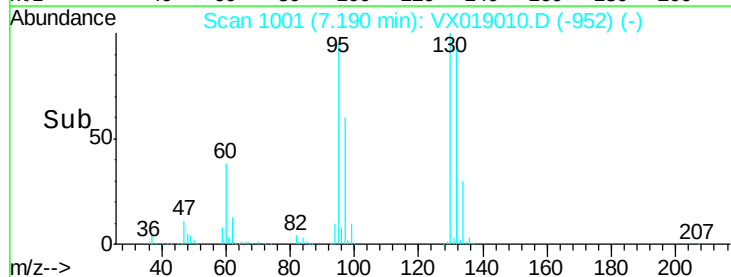
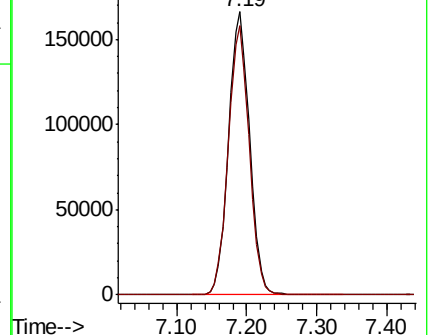
130 100

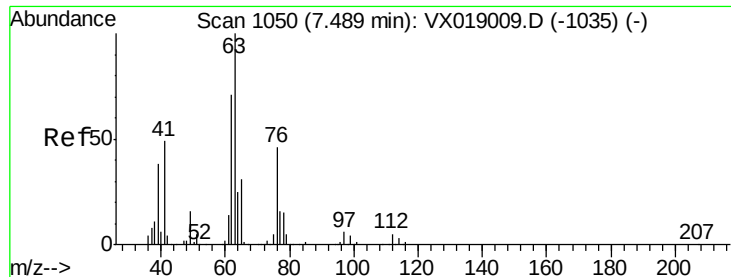
95 95.0 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VX019009.D (-991) (-)

Ion 94.90 (94.60 to 95.60): VX019009.D (-991) (-)





#45

1,2-Dichloropropane

Concen: 102.352 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

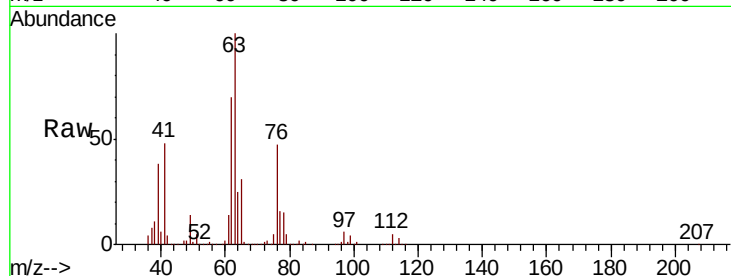
VSTDIC100

Tot Ion: 63 Resp: 288875

Ion Ratio Lower Upper

63 100

65 31.5 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

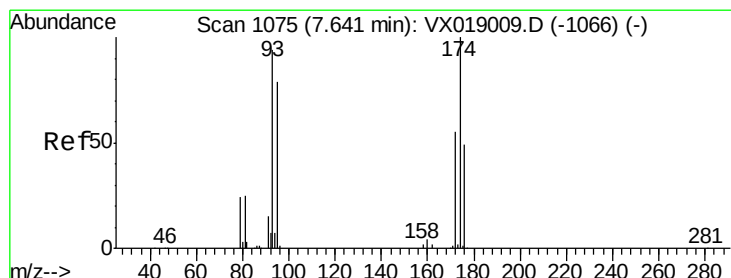
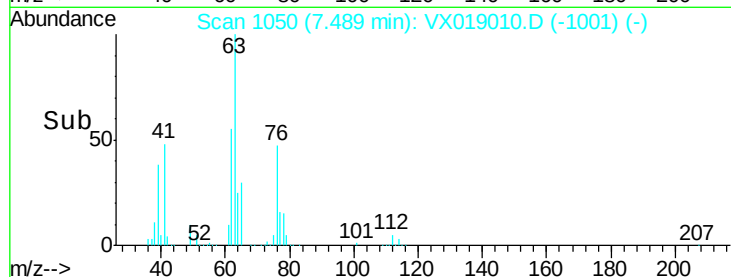
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 103.489 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

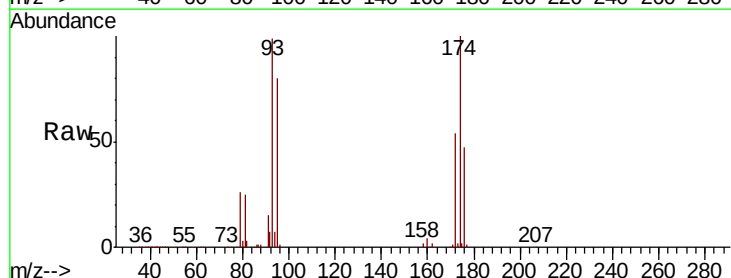
Tgt Ion: 93 Resp: 222465

Ion Ratio Lower Upper

93 100

95 82.3 66.8 100.2

174 104.1 83.8 125.8



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

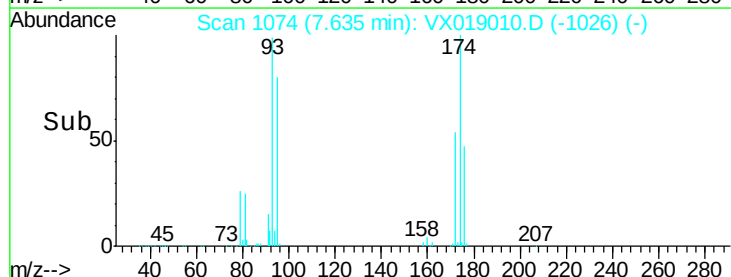
150000

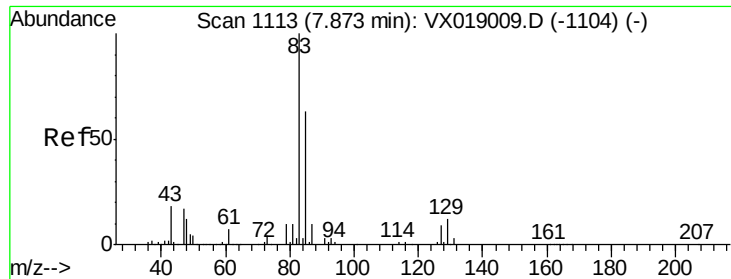
100000

50000

0

Time--> 7.60 7.70





#47

Bromodichloromethane

Concen: 104.698 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

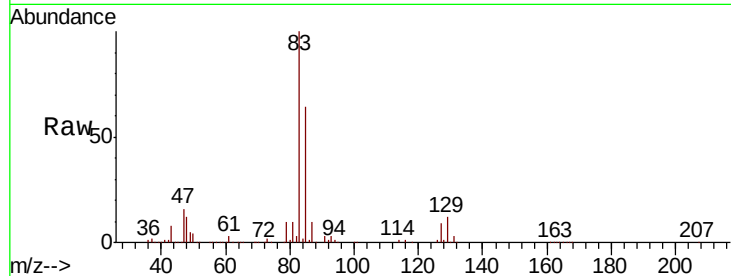
Tot Ion: 83 Resp: 441286

Ion Ratio Lower Upper

83 100

85 64.1 50.7 76.1

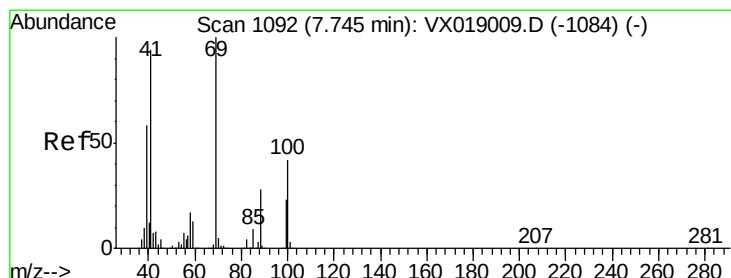
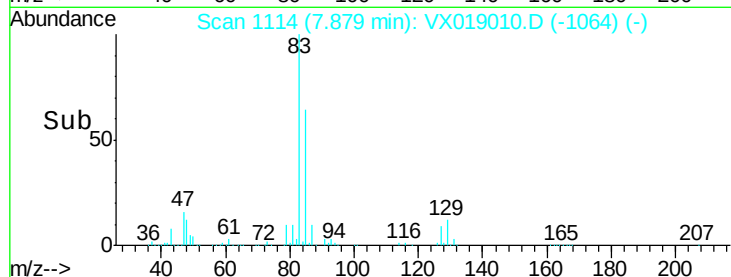
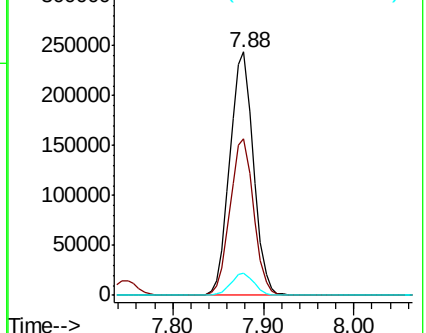
127 8.9 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VX019010.D (-1064) (-)

Ion 84.90 (84.60 to 85.60): VX019010.D (-1064) (-)

Ion 126.80 (126.50 to 127.50): VX019010.D (-1064) (-)



#48

Methyl methacrylate

Concen: 100.097 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

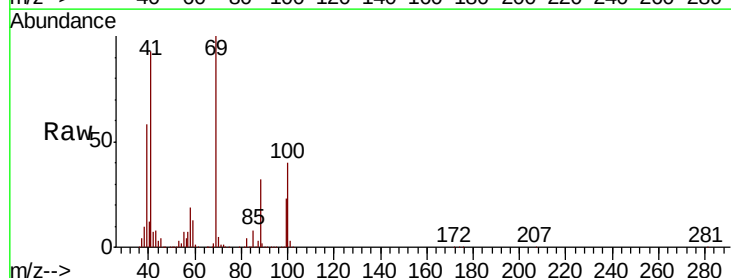
Tgt Ion: 41 Resp: 284832

Ion Ratio Lower Upper

41 100

69 108.5 85.5 128.3

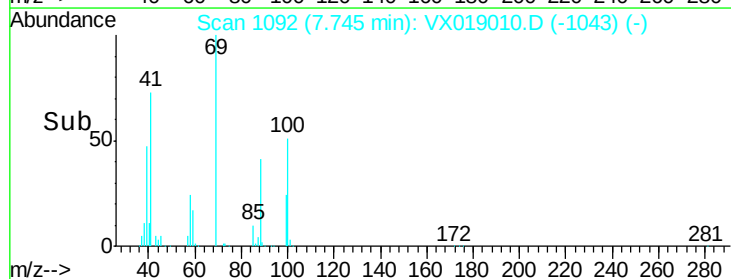
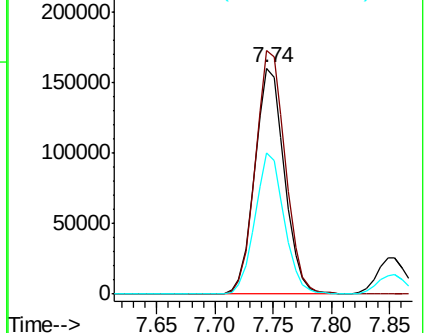
39 61.4 49.3 73.9

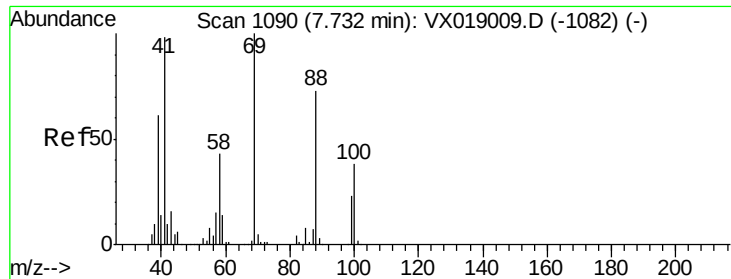


Abundance Ion 41.00 (40.70 to 41.70): VX019010.D (-1043) (-)

Ion 69.00 (68.70 to 69.70): VX019010.D (-1043) (-)

Ion 39.00 (38.70 to 39.70): VX019010.D (-1043) (-)

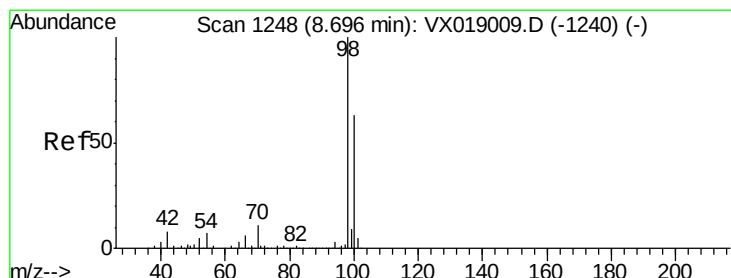
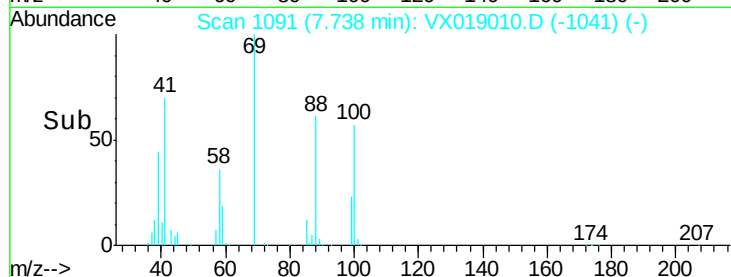
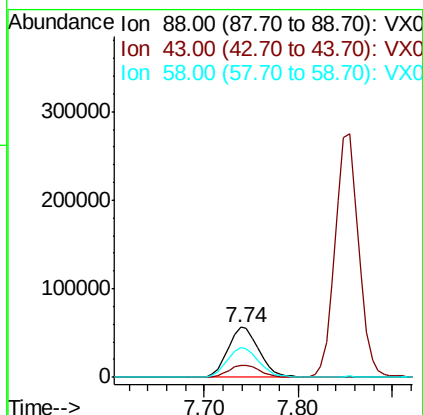
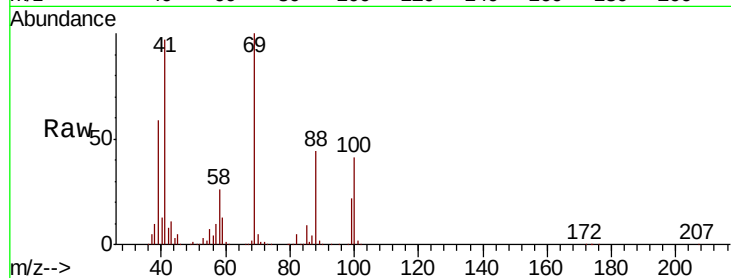




#49
1,4-Dioxane
Concen: 2041.695 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

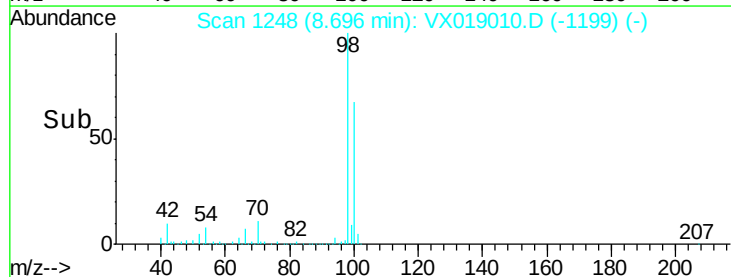
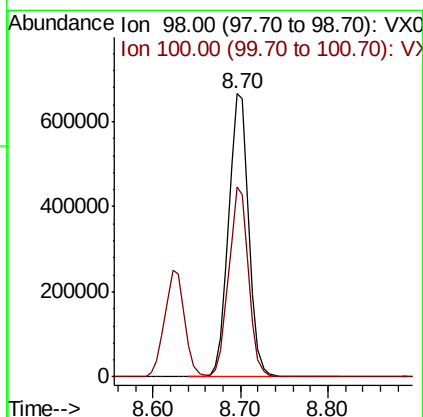
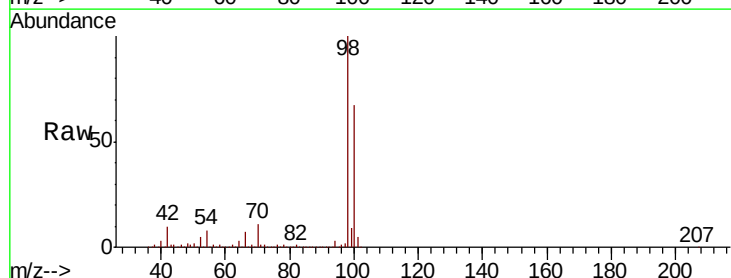
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

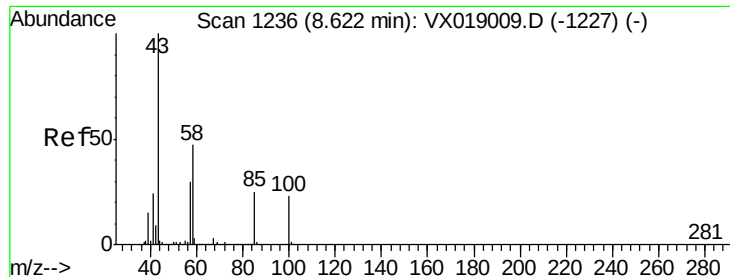
Tot Ion: 88 Resp: 131268
Ion Ratio Lower Upper
88 100
43 24.5 20.3 30.5
58 59.9 48.4 72.6



#50
Toluene-d8
Concen: 98.982 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

Tgt Ion: 98 Resp: 1064787
Ion Ratio Lower Upper
98 100
100 66.1 52.1 78.1

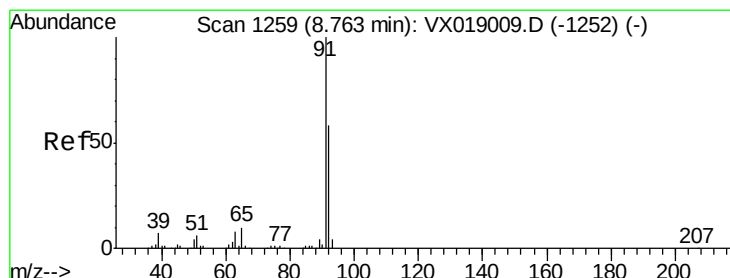
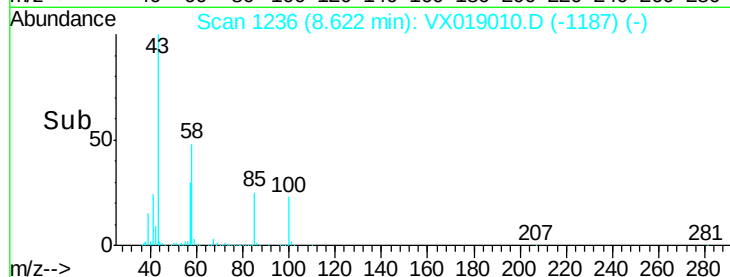
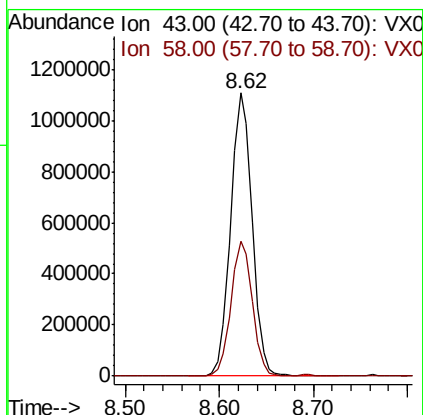
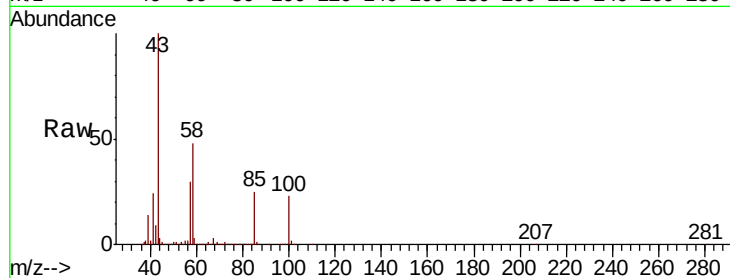




#51
 4-Methyl-2-Pentanone
 Concen: 515.854 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX019010.D
 Acq: 21 Oct 2020 19:30

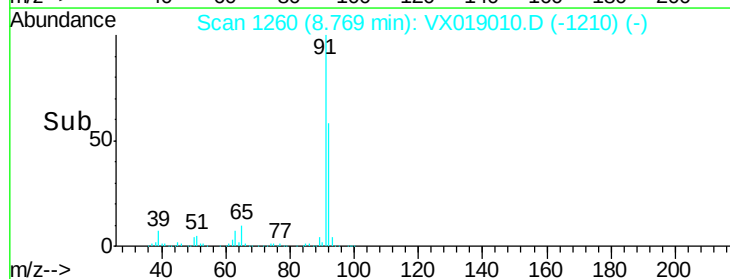
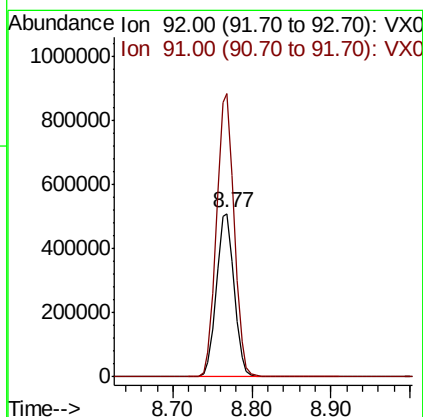
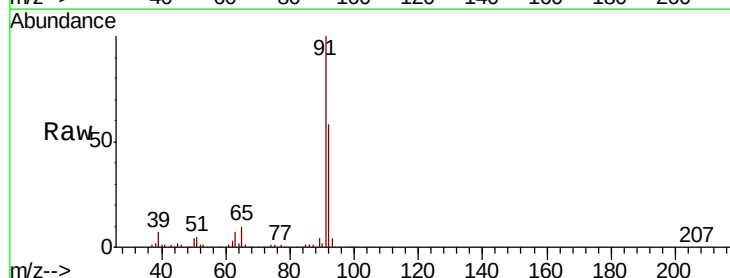
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC100

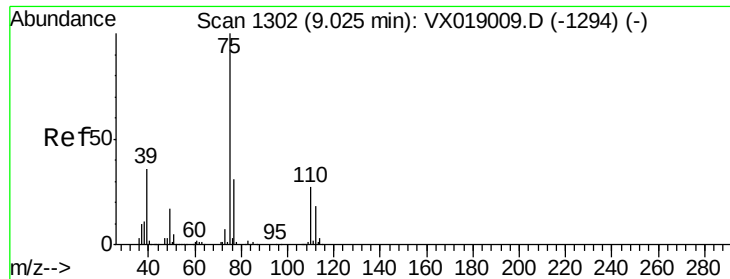
Tot Ion: 43 Resp: 1755464
 Ion Ratio Lower Upper
 43 100
 58 47.3 37.4 56.0



#52
 Toluene
 Concen: 102.985 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX019010.D
 Acq: 21 Oct 2020 19:30

Tgt Ion: 92 Resp: 800354
 Ion Ratio Lower Upper
 92 100
 91 172.5 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 105.643 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

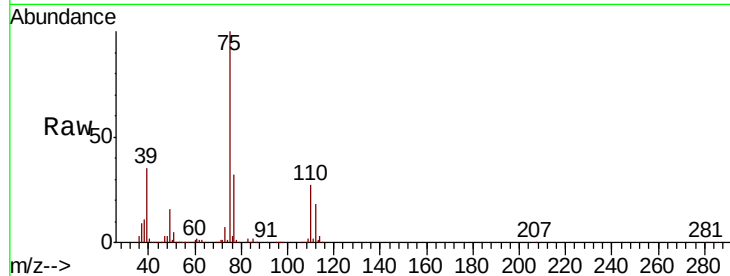
VSTDIC100

Tot Ion: 75 Resp: 502825

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

400000

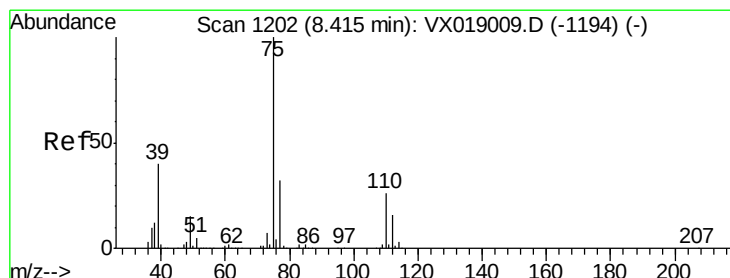
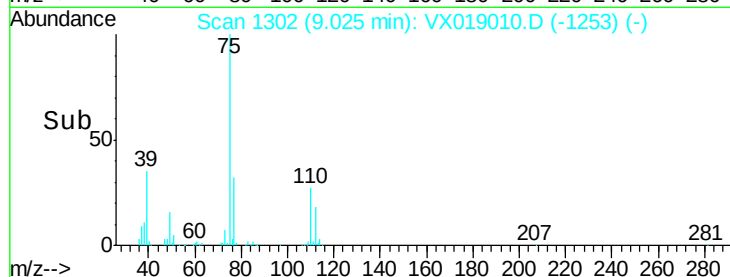
300000

200000

100000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 104.973 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

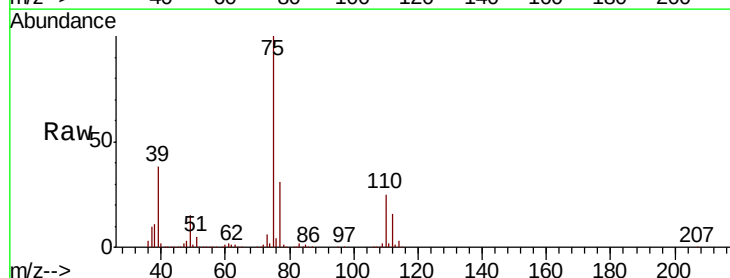
Tgt Ion: 75 Resp: 527614

Ion Ratio Lower Upper

75 100

77 31.3 25.9 38.9

39 37.7 31.7 47.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

400000

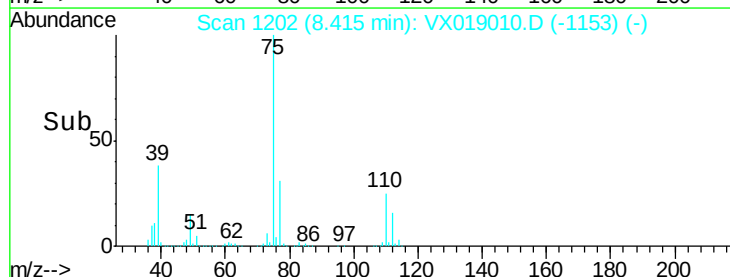
300000

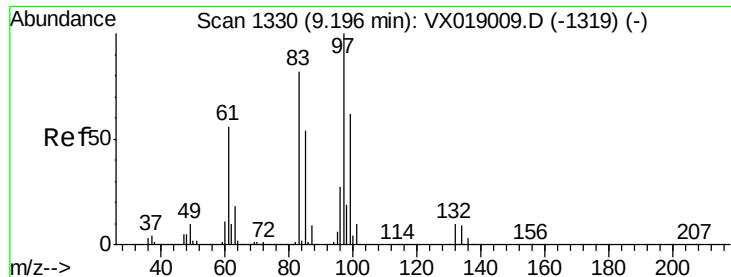
200000

100000

0

Time--> 8.30 8.40 8.50

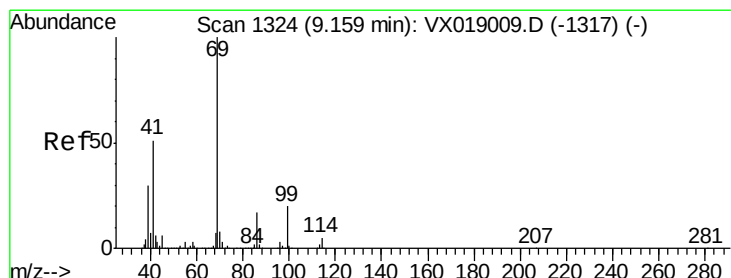
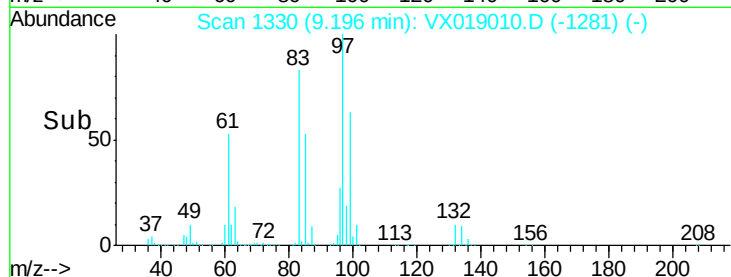
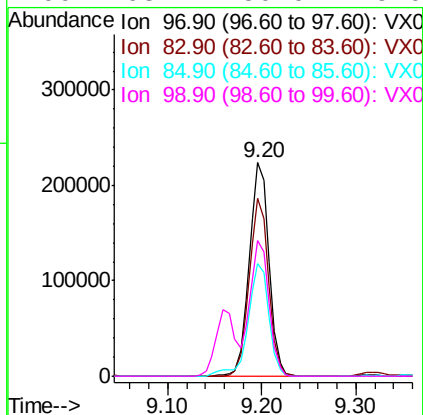
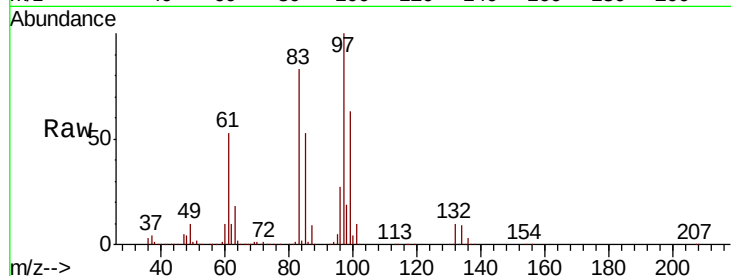




#55
 1,1,2-Trichloroethane
 Concen: 103.646 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019010.D
 Acq: 21 Oct 2020 19:30

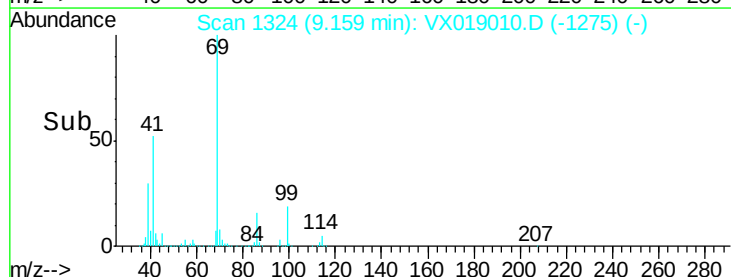
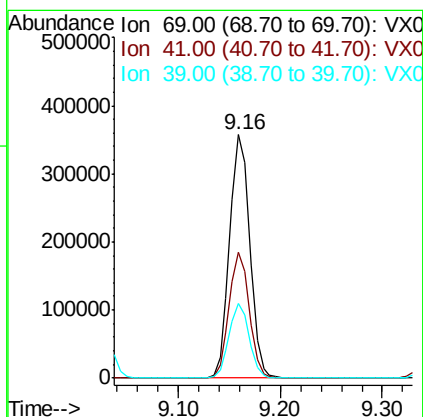
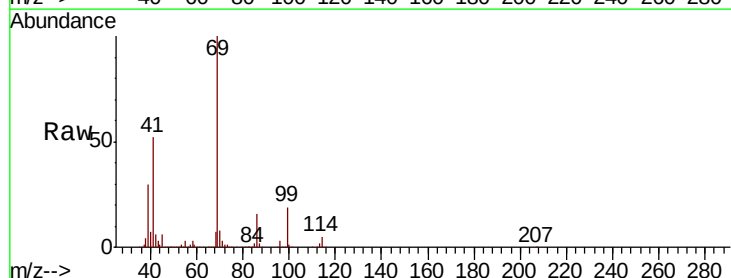
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

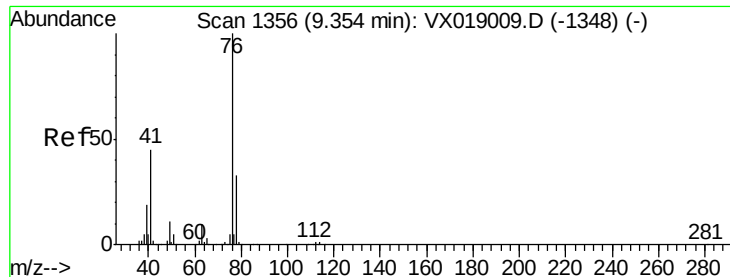
Tot Ion:	97	Resp:	328363
Ion	Ratio	Lower	Upper
97	100		
83	83.3	65.4	98.2
85	52.5	43.3	64.9
99	63.4	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 107.078 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019010.D
 Acq: 21 Oct 2020 19:30

Tgt Ion:	69	Resp:	488056
Ion	Ratio	Lower	Upper
69	100		
41	51.4	41.1	61.7
39	30.6	24.6	37.0





#57

1,3-Dichloropropane

Concen: 102.971 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

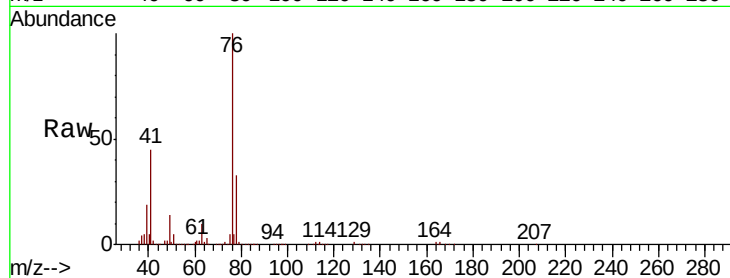
VSTDIC100

Tot Ion: 76 Resp: 517803

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

400000

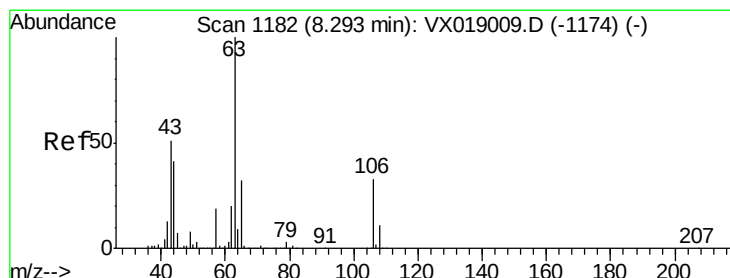
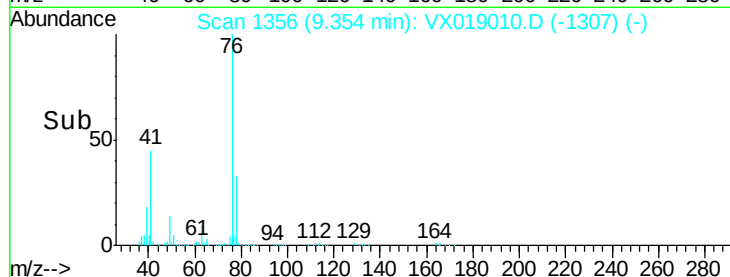
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 516.553 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX019010.D

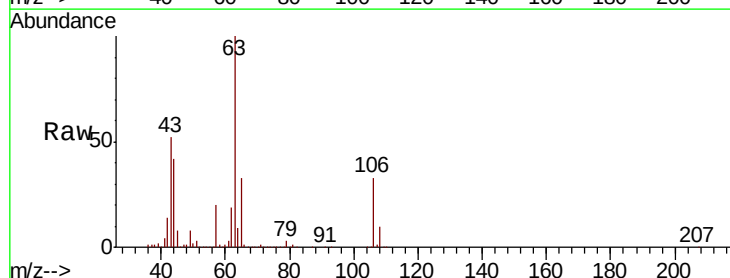
Acq: 21 Oct 2020 19:30

Tgt Ion: 63 Resp: 1236813

Ion Ratio Lower Upper

63 100

106 33.0 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

800000

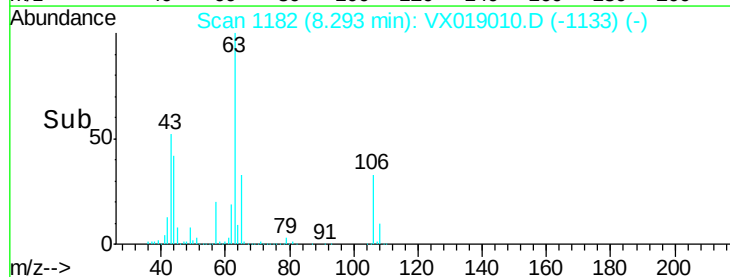
600000

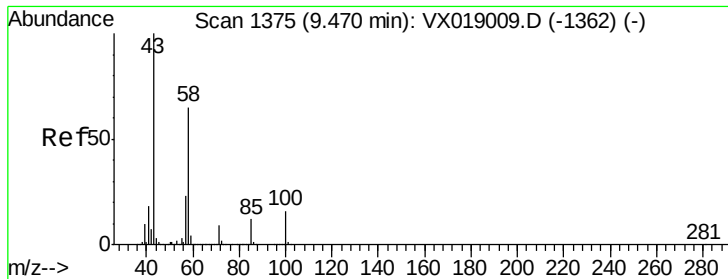
400000

200000

0

Time-->

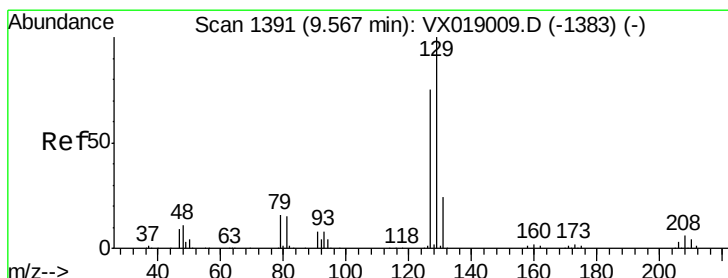
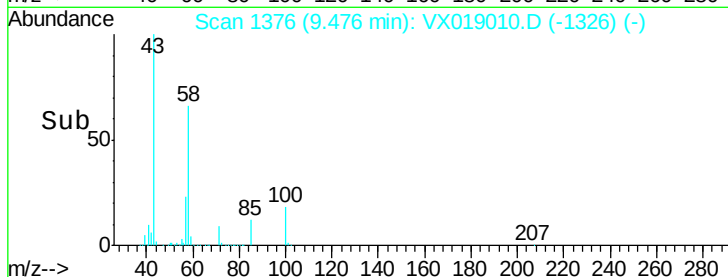
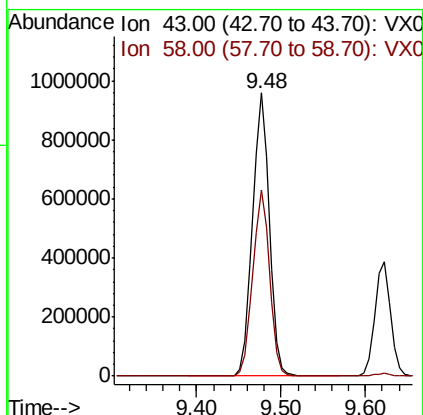
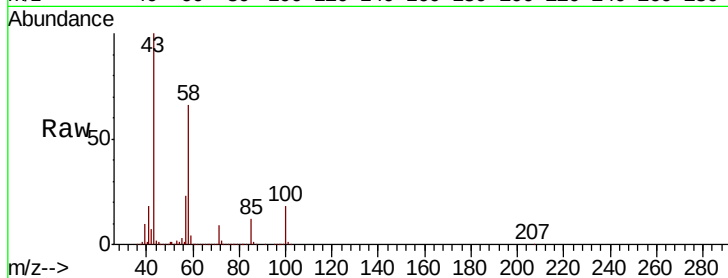




#59
2-Hexanone
Concen: 505.690 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

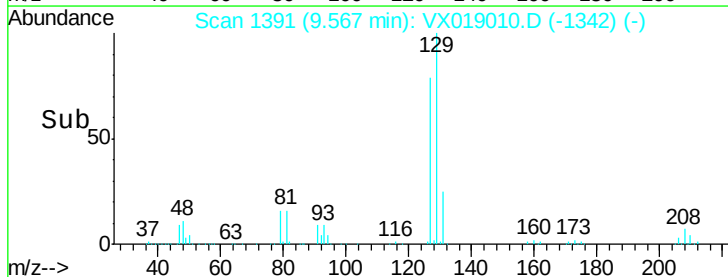
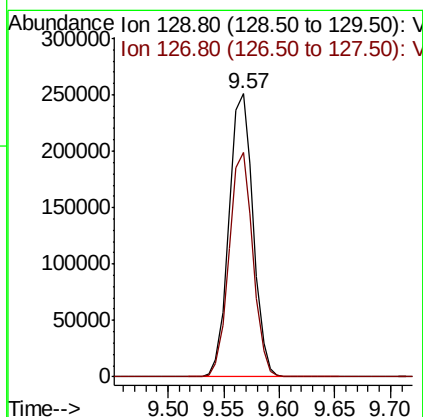
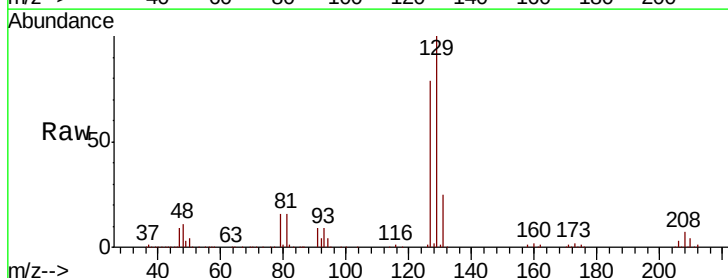
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

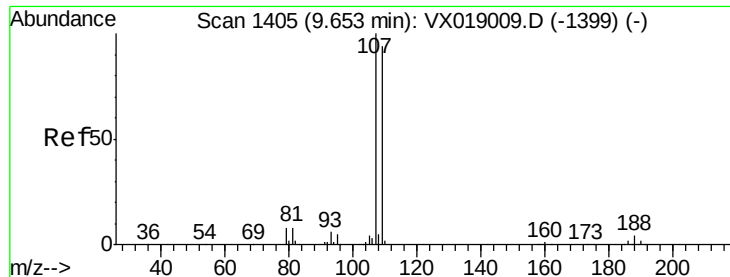
Tot Ion: 43 Resp: 1282423
Ion Ratio Lower Upper
43 100
58 66.0 32.8 98.4



#60
Dibromochloromethane
Concen: 108.983 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

Tgt Ion: 129 Resp: 376325
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.7





#61

1,2-Dibromoethane

Concen: 104.410 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

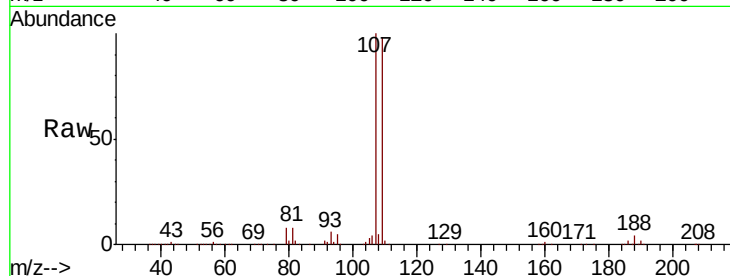
VSTDIC100

Tot Ion:107 Resp: 353921

Ion Ratio Lower Upper

107 100

109 94.9 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

150000

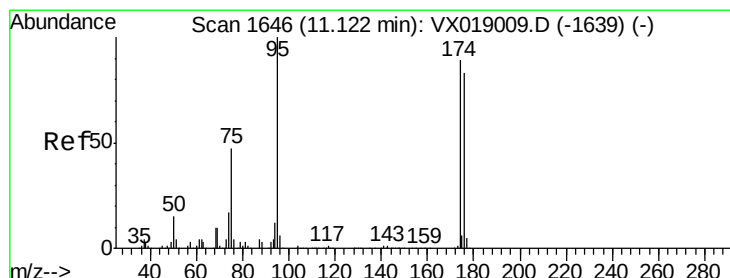
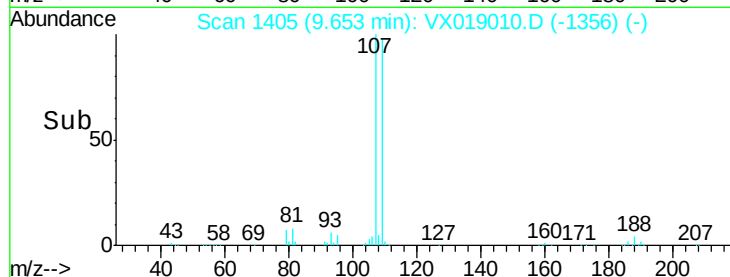
100000

50000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 100.442 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

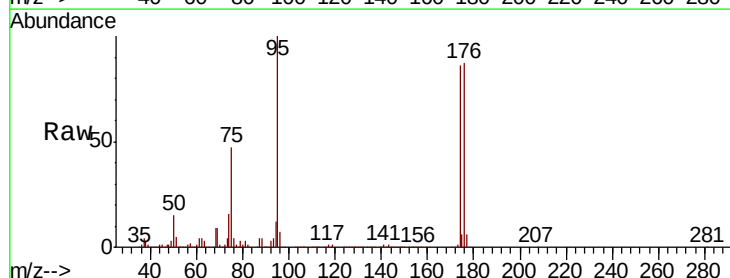
Tgt Ion: 95 Resp: 384335

Ion Ratio Lower Upper

95 100

174 87.5 0.0 167.6

176 84.6 0.0 165.2



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

11.12

400000

300000

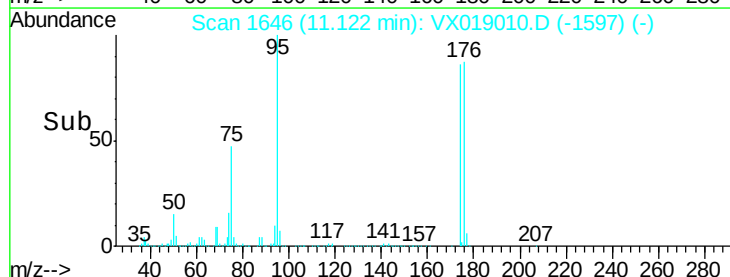
200000

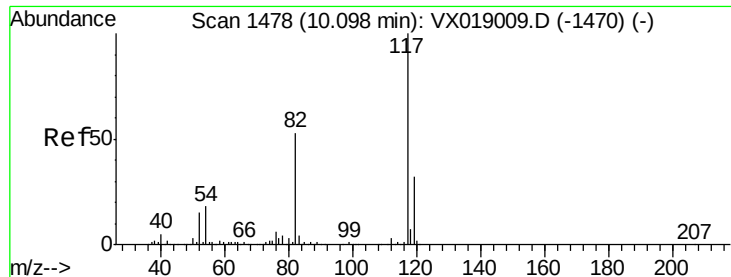
100000

0

Time-->

11.10 11.20

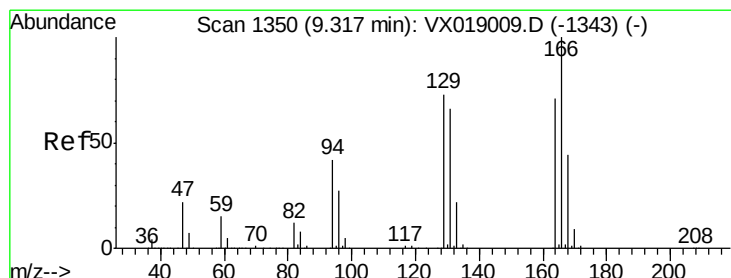
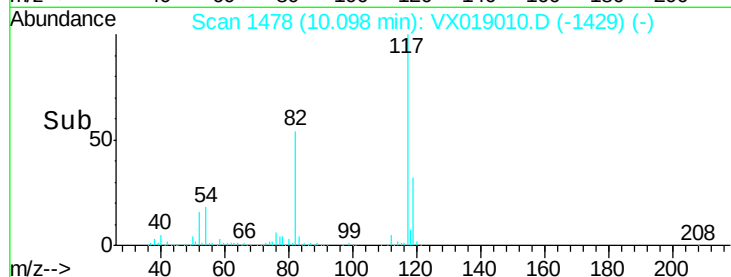
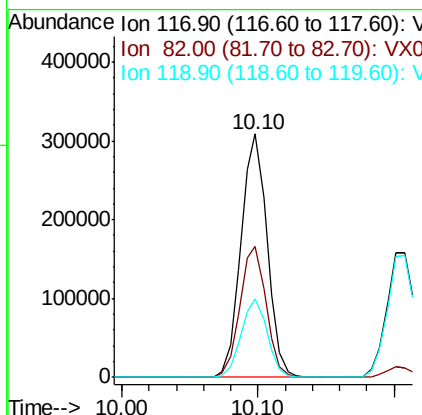
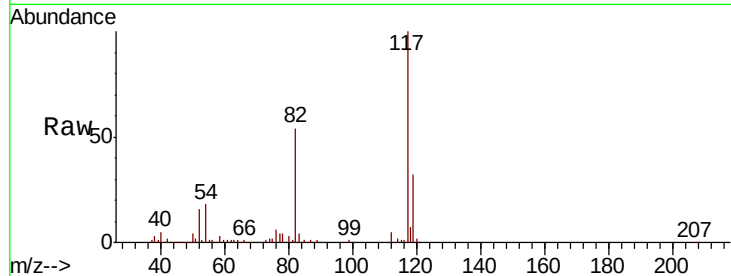




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

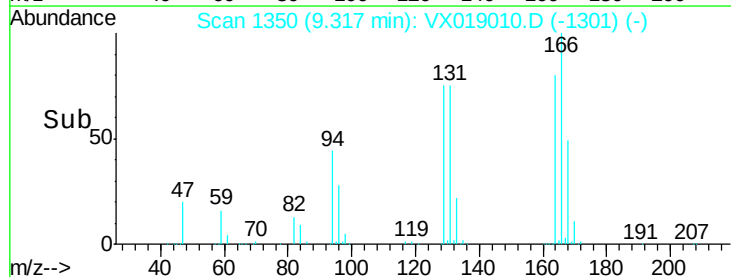
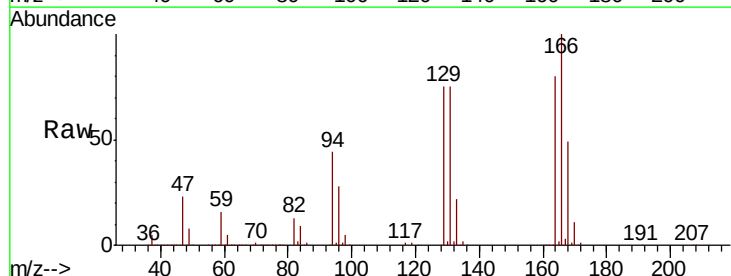
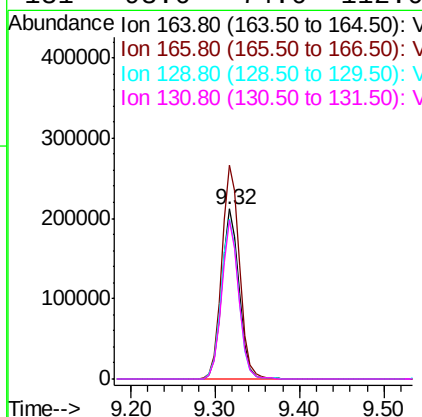
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

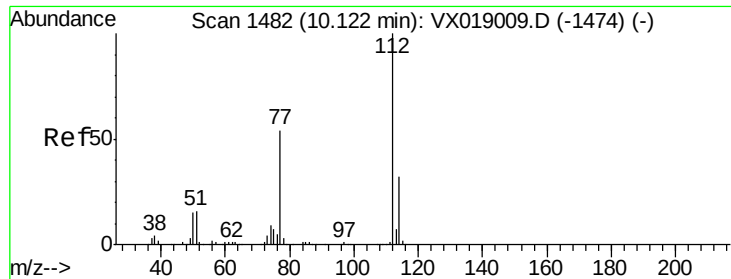
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.4	63.6
119	32.2	25.6	38.4



#64
Tetrachloroethene
Concen: 95.473 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	112.2	168.4
129	94.0	81.8	122.8
131	93.6	74.6	112.0

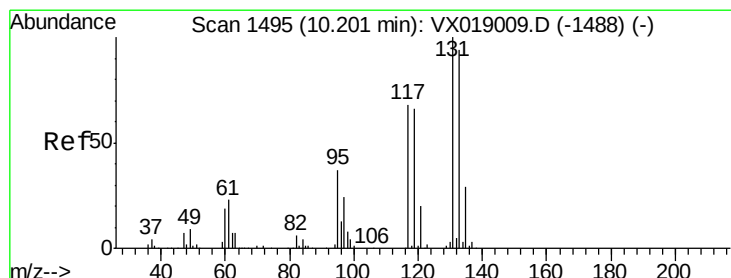
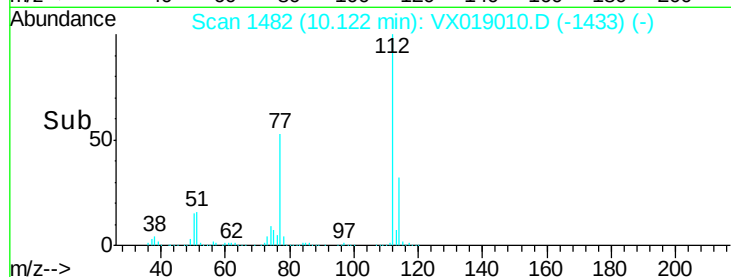
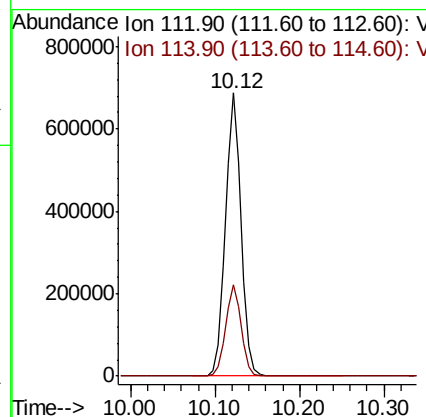
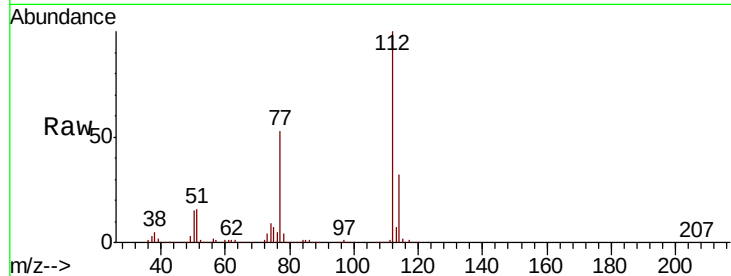




#65
Chlorobenzene
Concen: 101.801 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

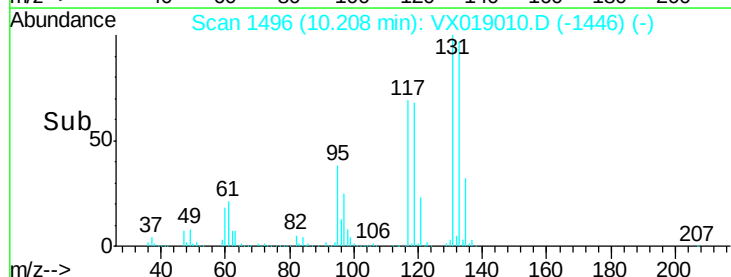
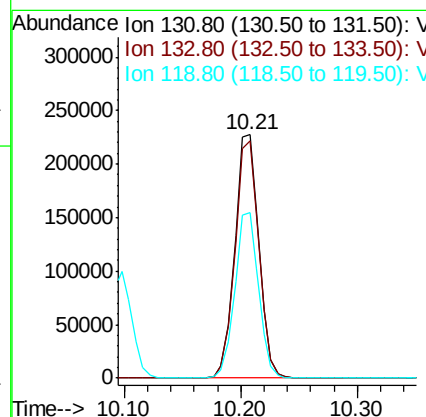
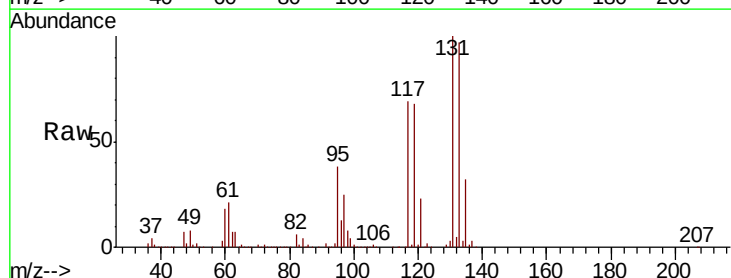
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

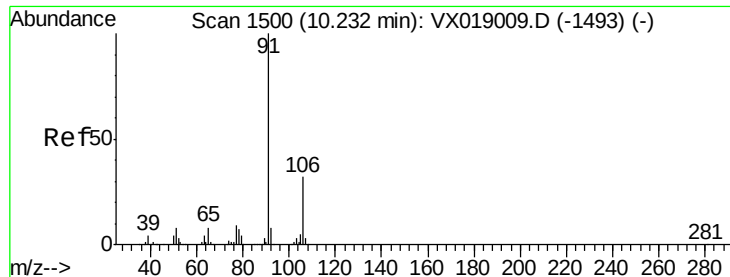
Tot Ion:112 Resp: 883602
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 105.877 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

Tgt Ion:131 Resp: 326728
Ion Ratio Lower Upper
131 100
133 96.7 47.0 141.2
119 67.1 32.9 98.7

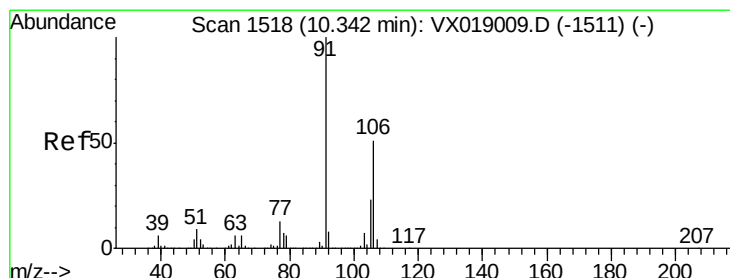
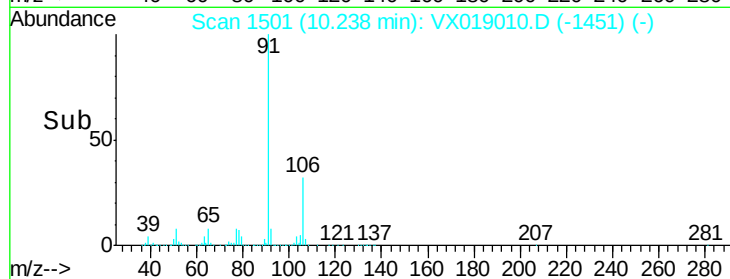
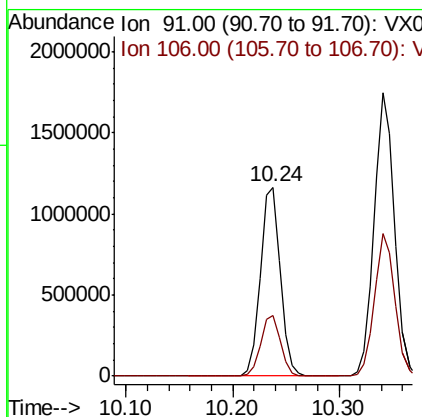
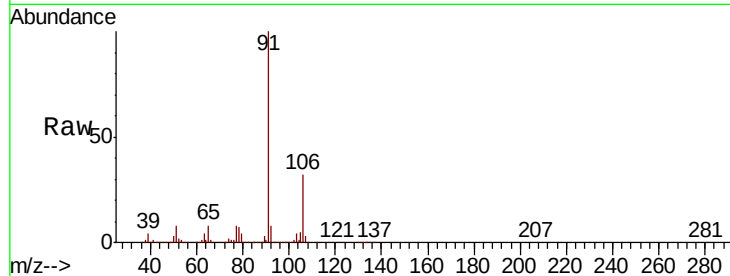




#67
Ethyl Benzene
Concen: 102.448 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

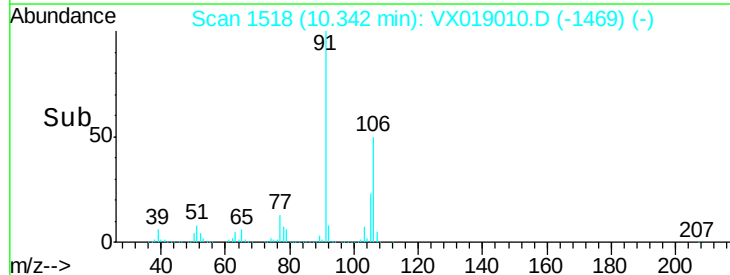
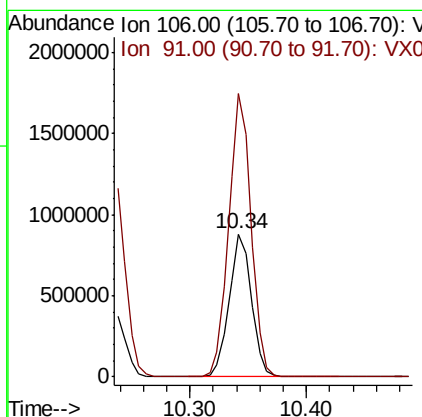
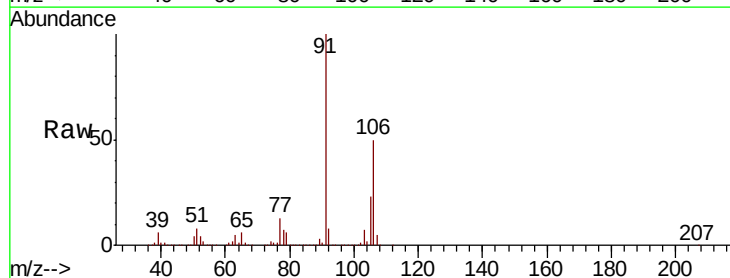
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

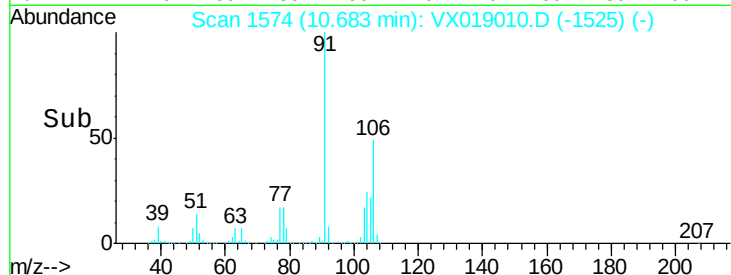
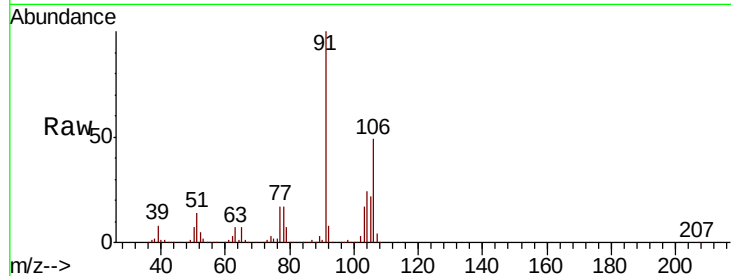
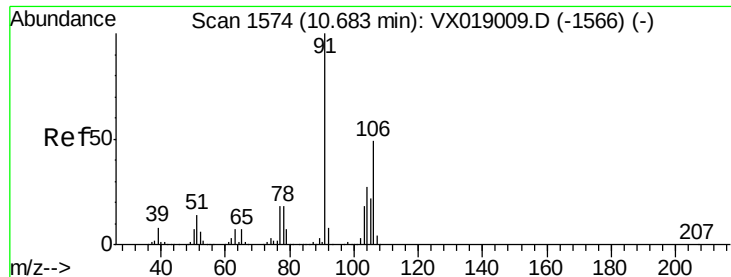
Tot Ion: 91 Resp: 1532793
Ion Ratio Lower Upper
91 100
106 32.3 25.3 37.9



#68
m/p-Xylenes
Concen: 205.424 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

Tgt Ion: 106 Resp: 1177341
Ion Ratio Lower Upper
106 100
91 198.2 156.9 235.3

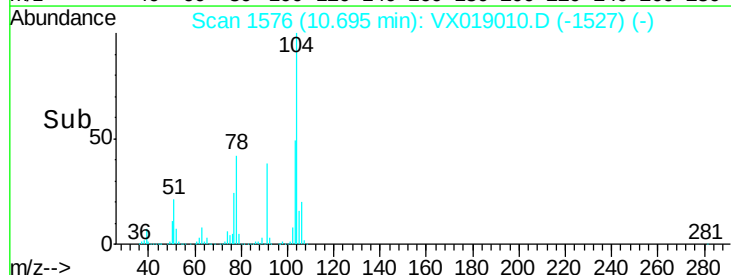
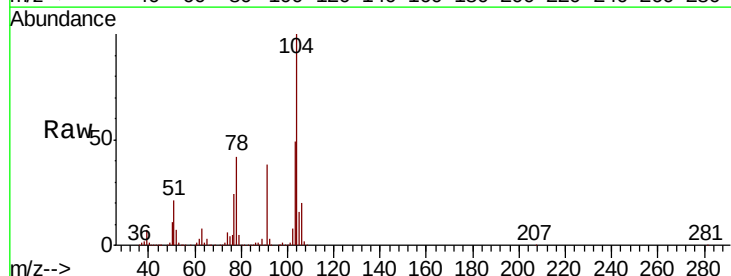
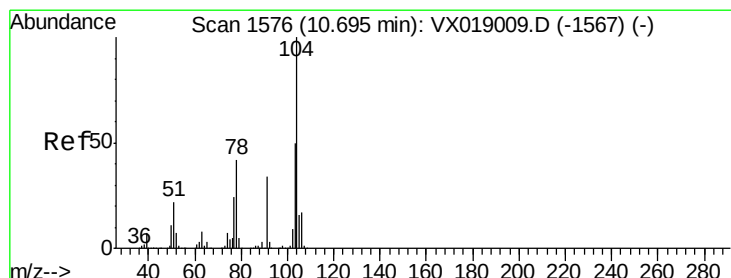
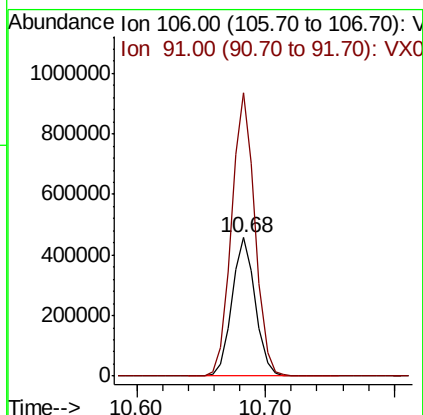




#69
o-Xylene
Concen: 105.582 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

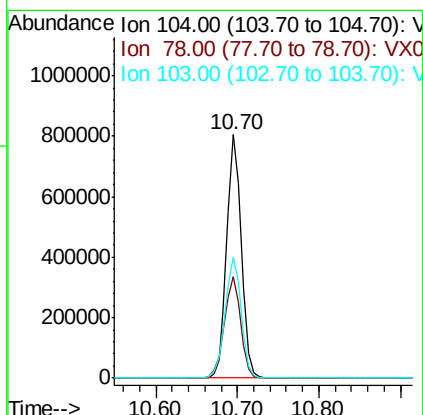
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

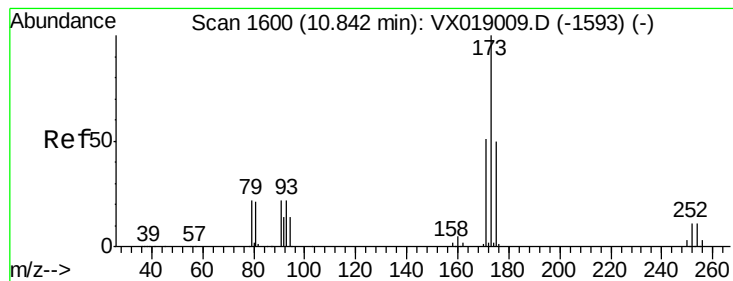
Tot Ion:106 Resp: 579141
Ion Ratio Lower Upper
106 100
91 204.3 104.0 312.0



#70
Styrene
Concen: 106.691 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

Tgt Ion:104 Resp: 993583
Ion Ratio Lower Upper
104 100
78 46.6 37.7 56.5
103 54.4 43.5 65.3





#71

Bromoform

Concen: 114.014 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

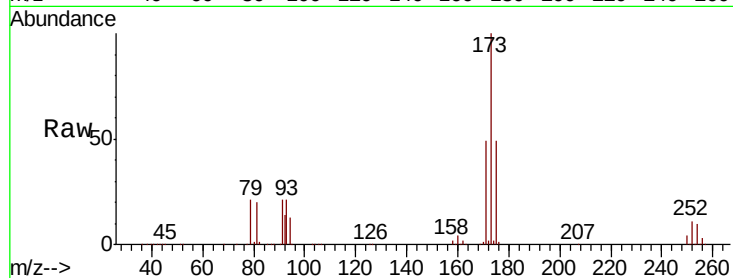
Tot Ion:173 Resp: 284027

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.4

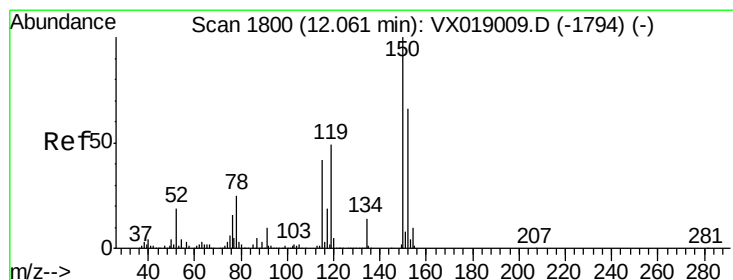
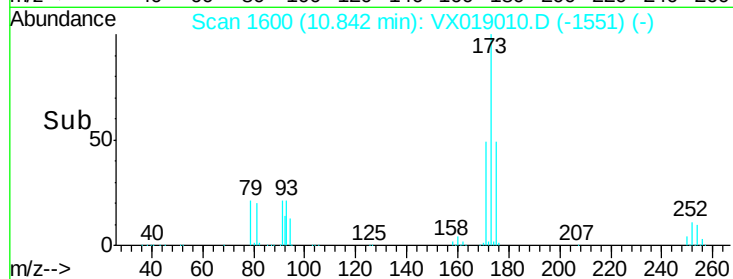
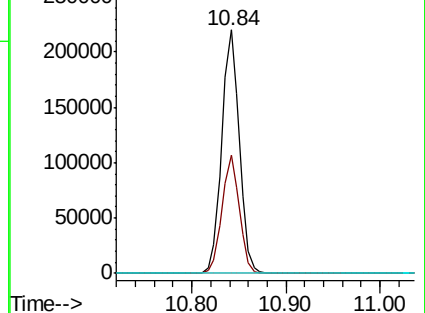
254 0.1 0.1 0.1#



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: VX019010.D

Acq: 21 Oct 2020 19:30

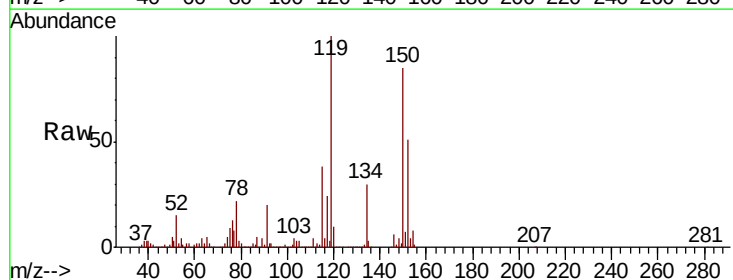
Tgt Ion:152 Resp: 204946

Ion Ratio Lower Upper

152 100

115 107.5 40.8 122.5

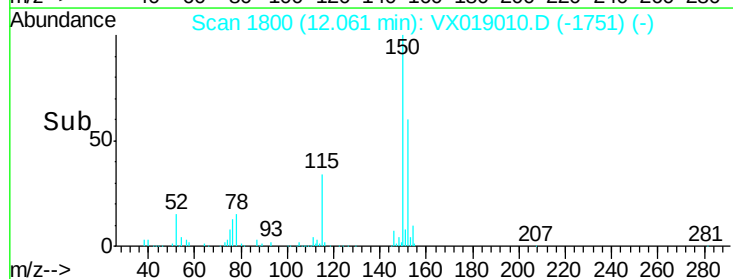
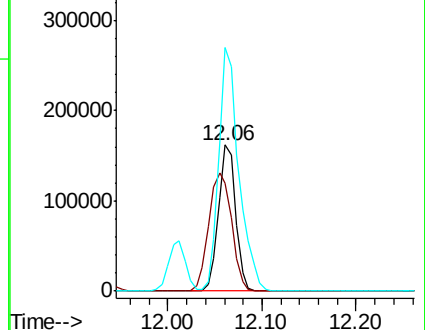
150 194.3 0.0 345.6

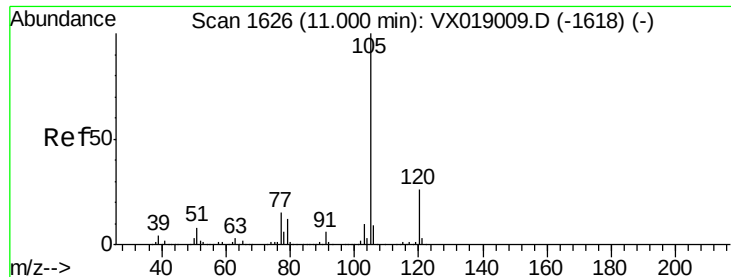


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 105.135 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

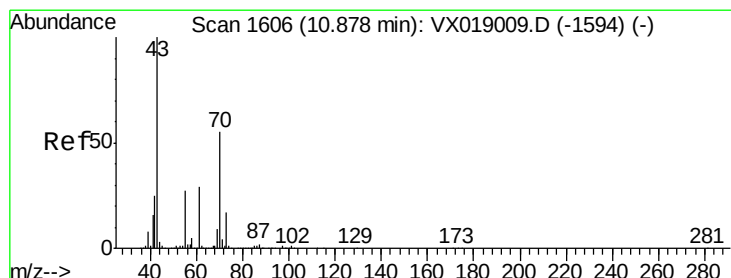
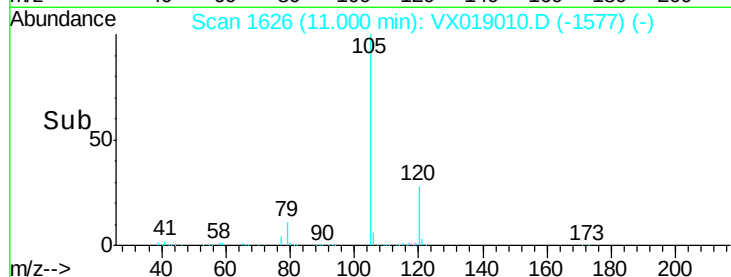
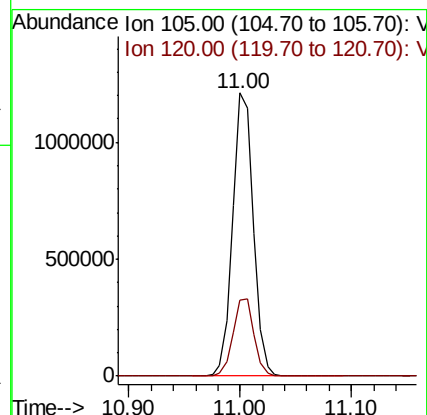
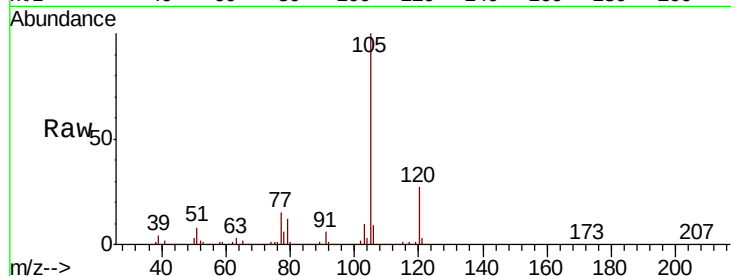
VSTDIC100

Tot Ion:105 Resp: 1550036

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.1



#74

N-ethyl acetate

Concen: 103.328 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Tgt Ion: 43 Resp: 488094

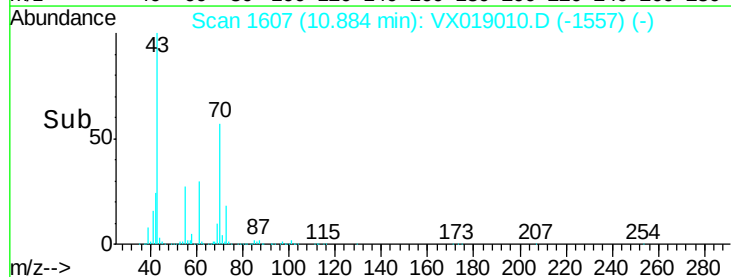
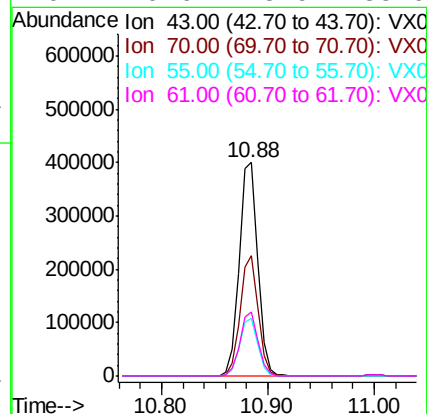
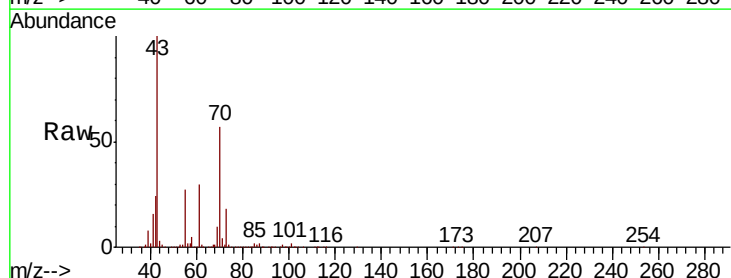
Ion Ratio Lower Upper

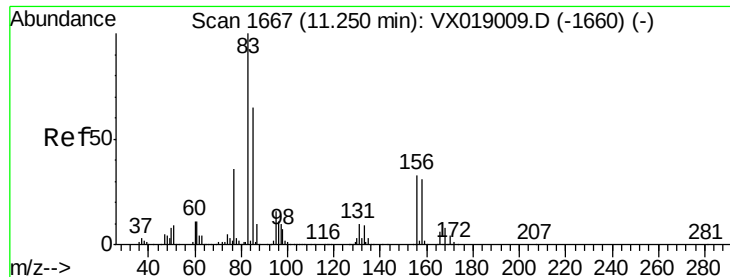
43 100

70 54.8 44.5 66.7

55 26.9 21.9 32.9

61 29.6 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 102.638 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

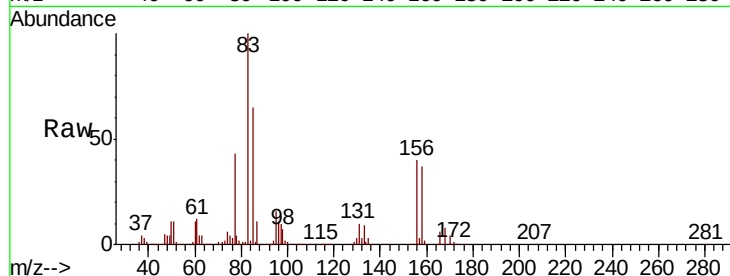
Tot Ion: 83 Resp: 455869

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

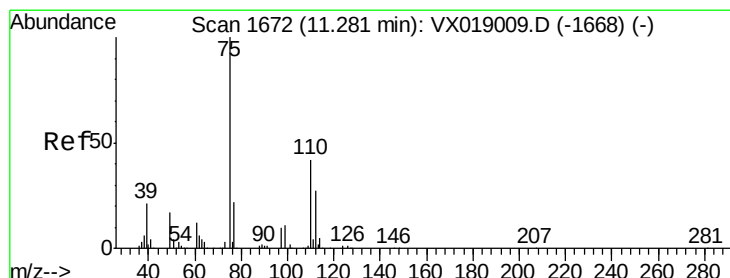
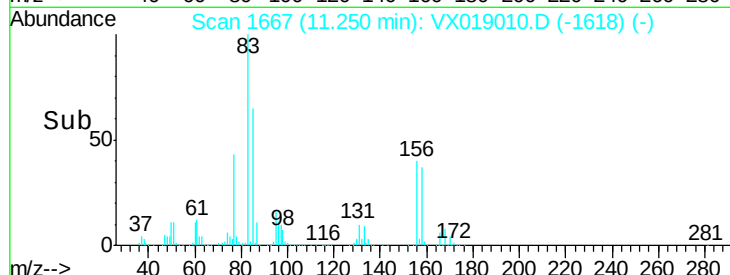
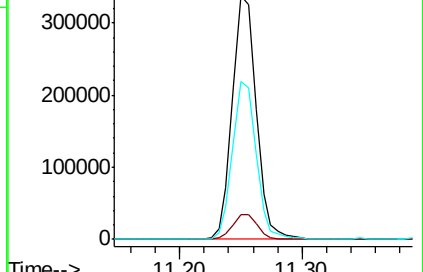
85 64.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 133.391 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019010.D

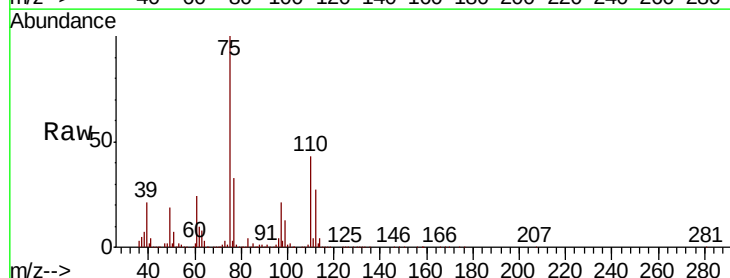
Acq: 21 Oct 2020 19:30

Tgt Ion: 75 Resp: 546405

Ion Ratio Lower Upper

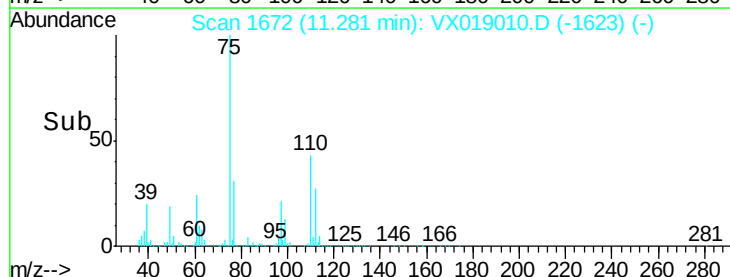
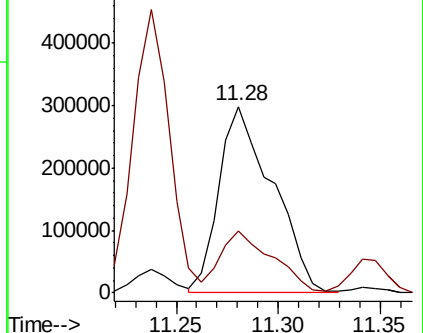
75 100

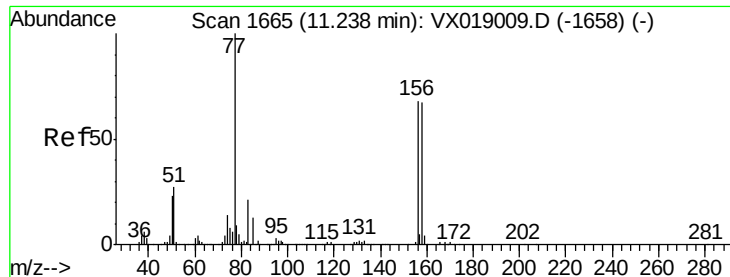
77 32.0 20.7 62.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 104.077 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

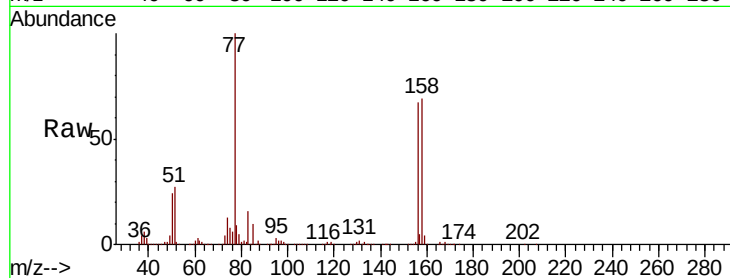
Tot Ion:156 Resp: 387525

Ion Ratio Lower Upper

156 100

77 146.2 74.4 223.1

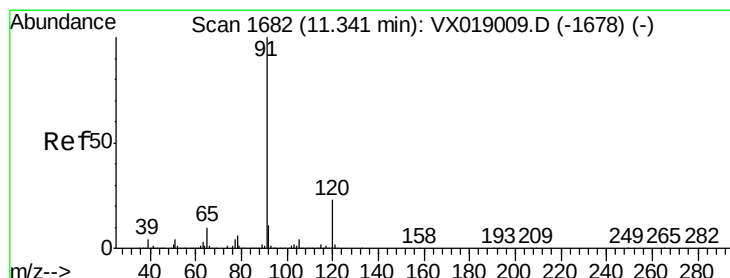
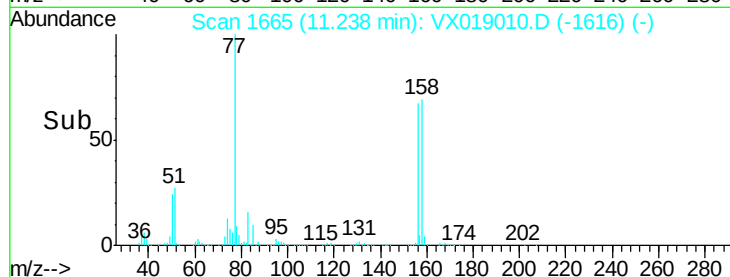
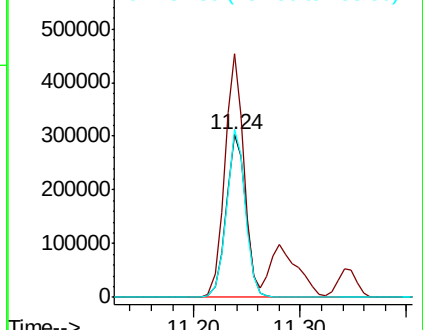
158 99.2 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 103.892 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX019010.D

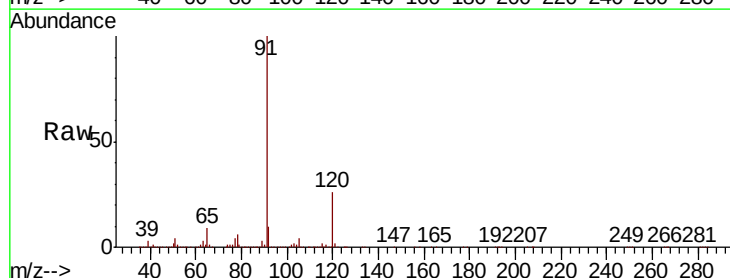
Acq: 21 Oct 2020 19:30

Tgt Ion: 91 Resp: 1735629

Ion Ratio Lower Upper

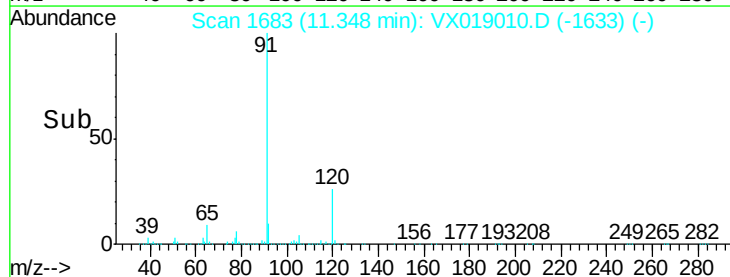
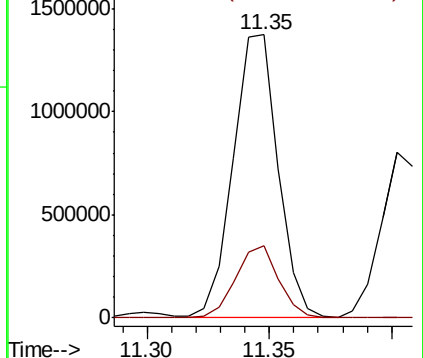
91 100

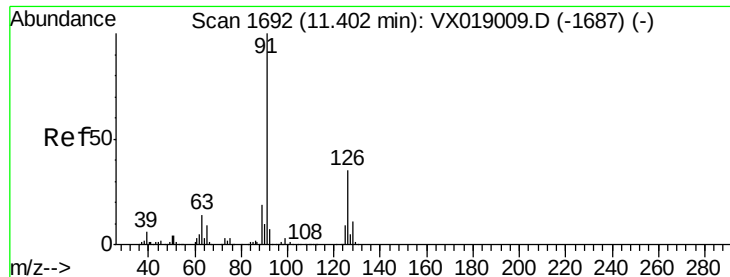
120 24.7 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 102.142 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

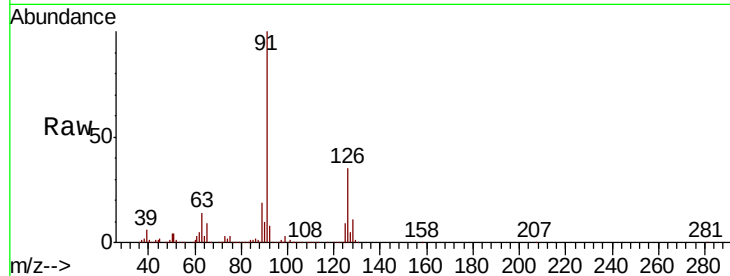
VSTDIC100

Tot Ion: 91 Resp: 995480

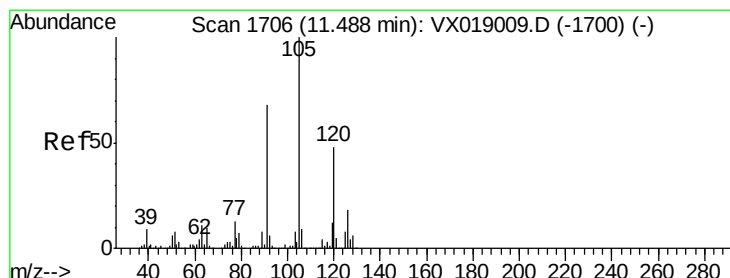
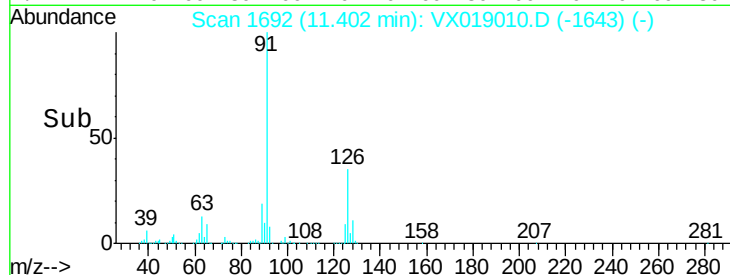
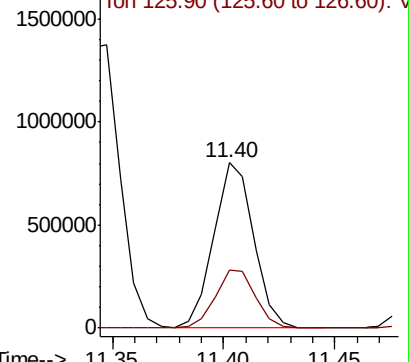
Ion Ratio Lower Upper

91 100

126 35.9 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX019009.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 105.280 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019010.D

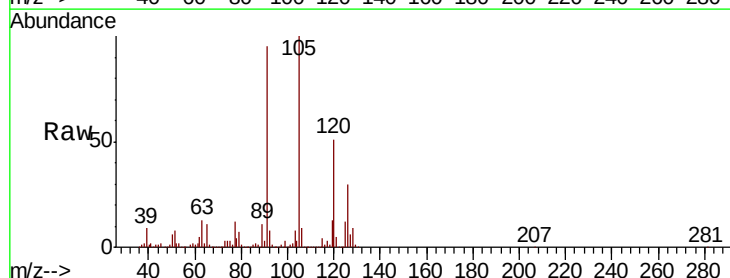
Acq: 21 Oct 2020 19:30

Tgt Ion: 105 Resp: 1281773

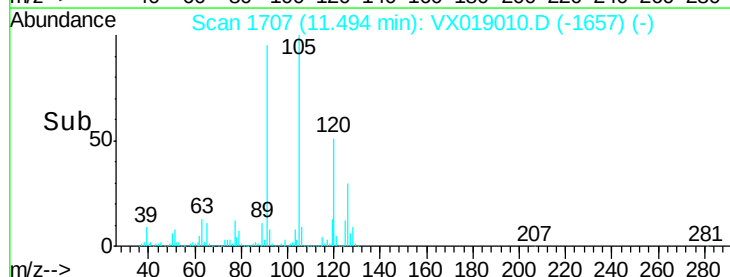
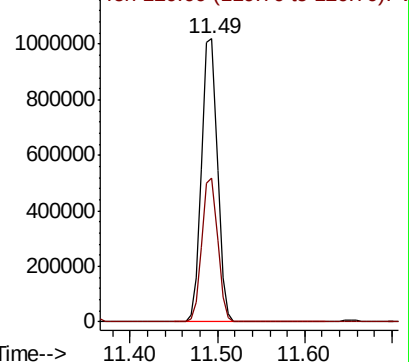
Ion Ratio Lower Upper

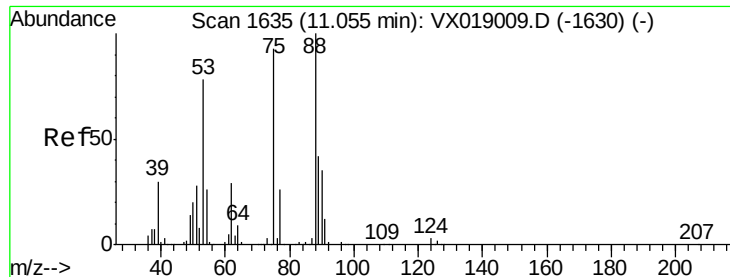
105 100

120 50.4 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX019009.D (-1700) (-)

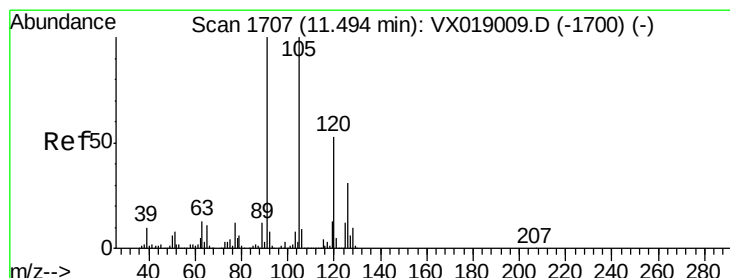
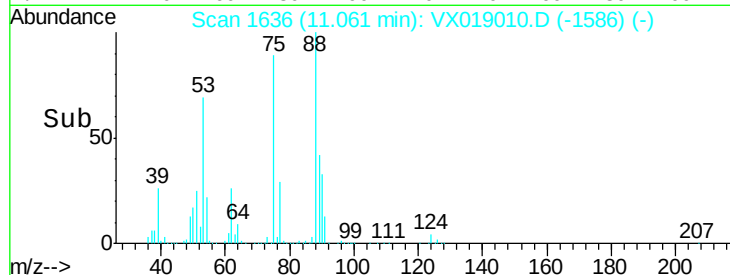
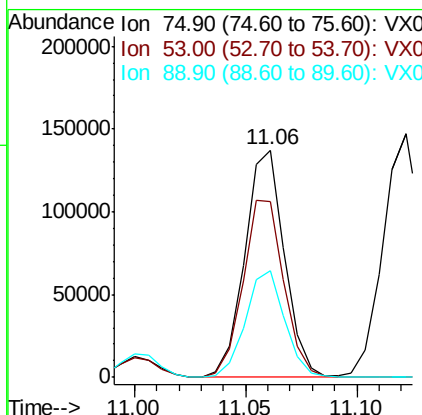
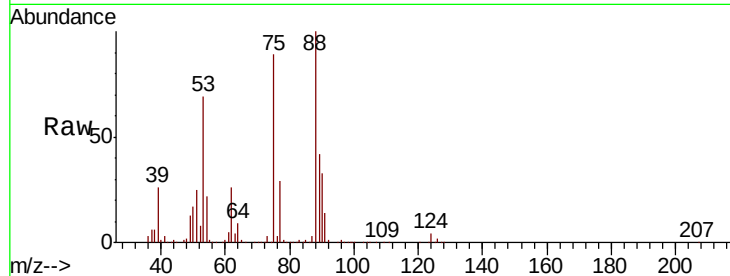




#81
trans-1,4-Dichloro-2-butene
Concen: 105.501 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

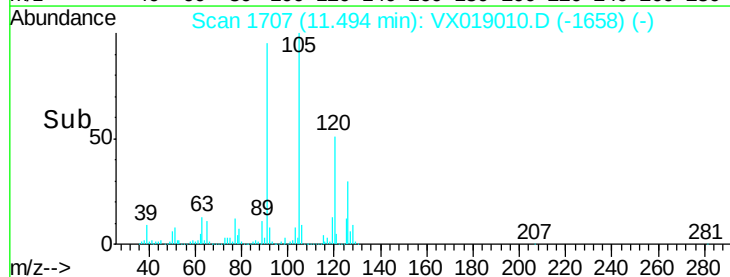
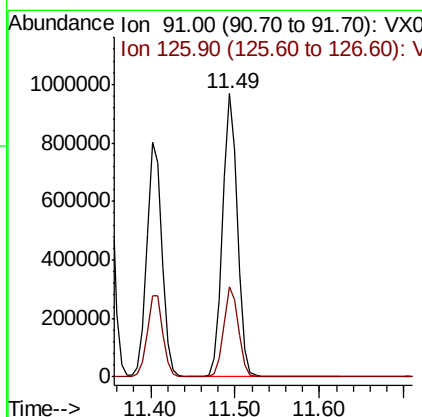
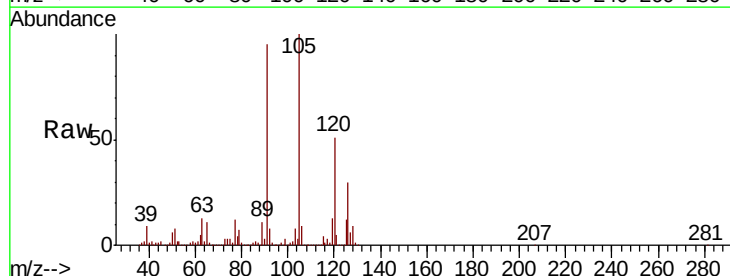
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

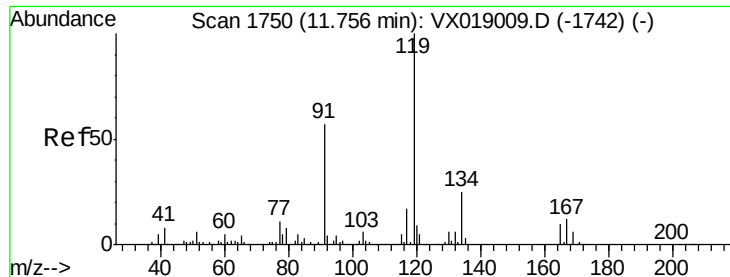
Tot Ion: 75 Resp: 169623
Ion Ratio Lower Upper
75 100
53 81.0 67.4 101.2
89 46.9 37.2 55.8



#82
4-Chlorotoluene
Concen: 102.198 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

Tgt Ion: 91 Resp: 1185152
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.7

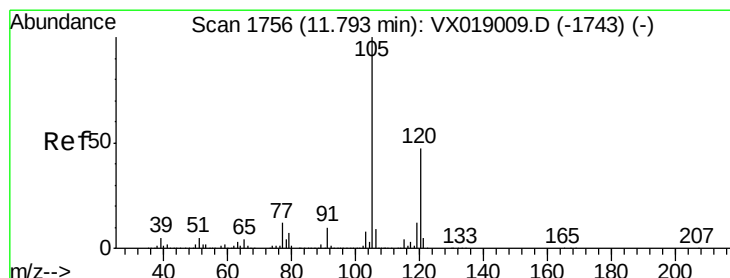
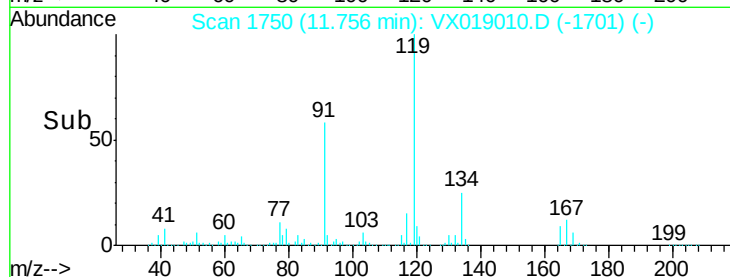
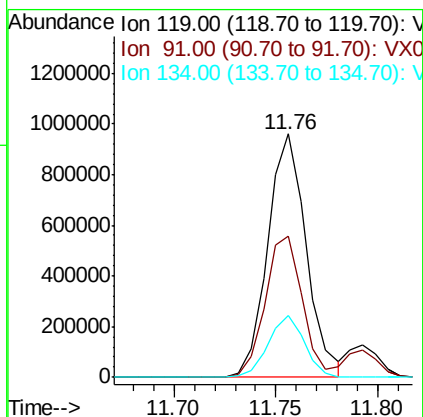
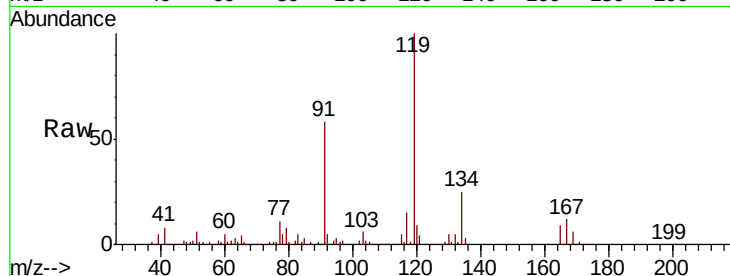




#83
 tert-Butylbenzene
 Concen: 105.341 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019010.D
 Acq: 21 Oct 2020 19:30

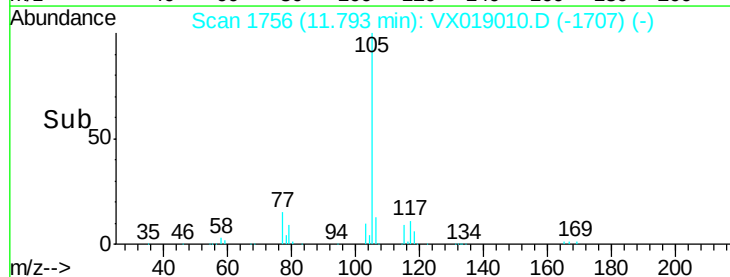
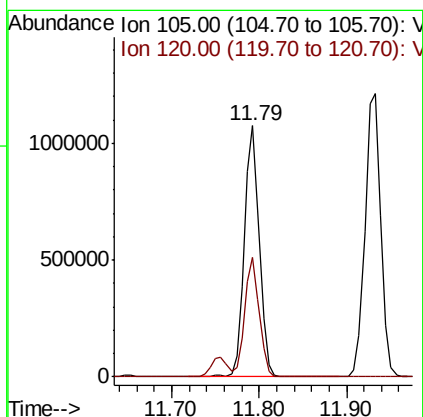
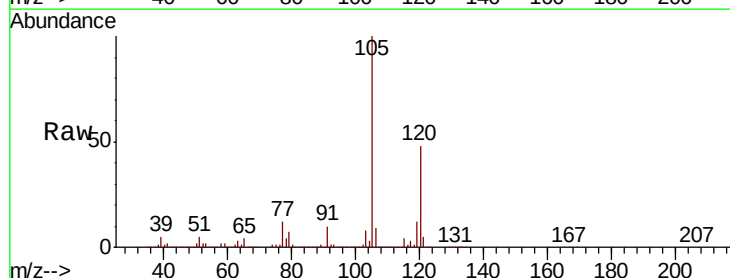
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

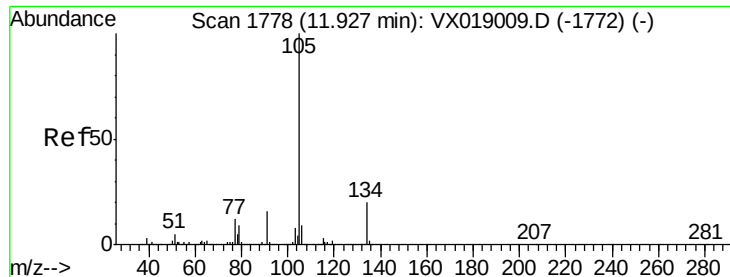
Tot Ion:119 Resp: 1263410
 Ion Ratio Lower Upper
 119 100
 91 55.5 28.1 84.4
 134 23.8 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 104.753 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019010.D
 Acq: 21 Oct 2020 19:30

Tgt Ion:105 Resp: 1277069
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.8





#85

sec-Butylbenzene

Concen: 105.328 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

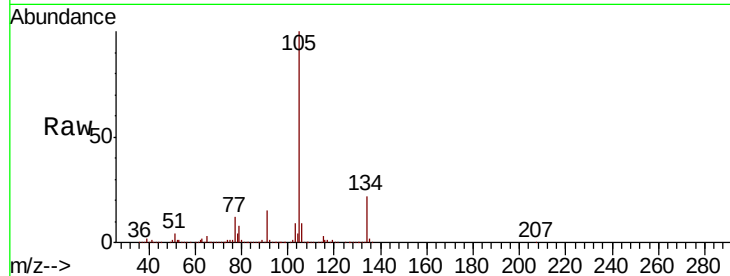
VSTDIC100

Tot Ion:105 Resp: 1528665

Ion Ratio Lower Upper

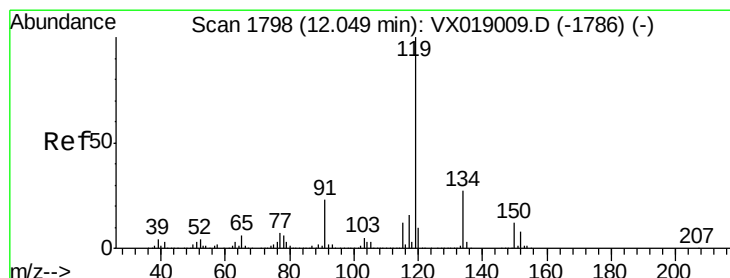
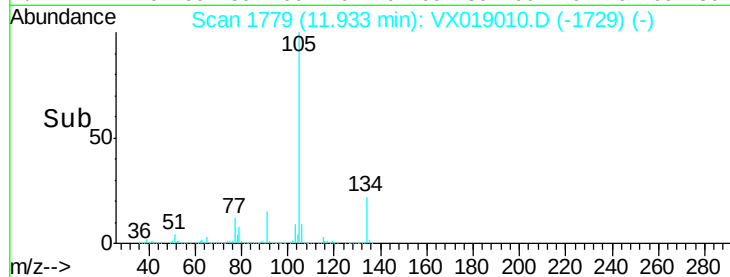
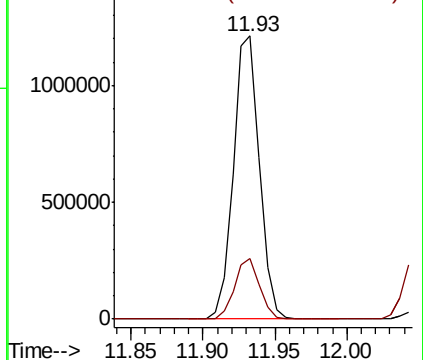
105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 104.772 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

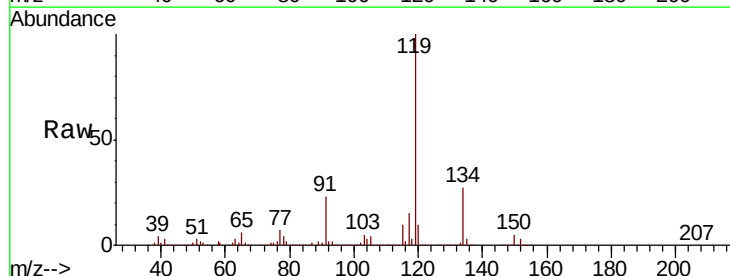
Tgt Ion:119 Resp: 1389398

Ion Ratio Lower Upper

119 100

134 27.4 13.3 39.8

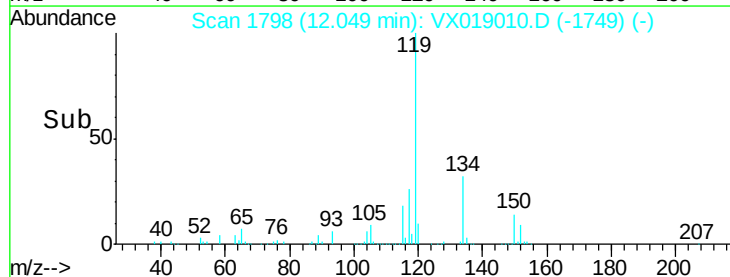
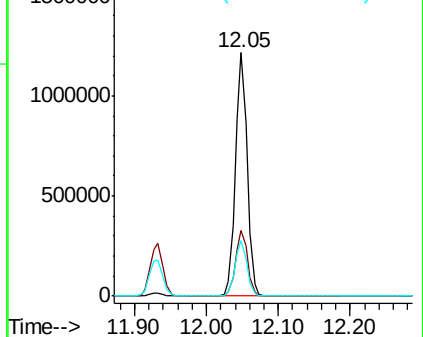
91 22.9 11.4 34.2

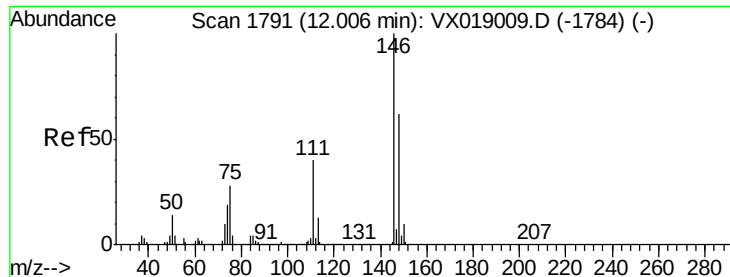


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 102.909 ug/l

RT: 12.01 min Scan# 1792

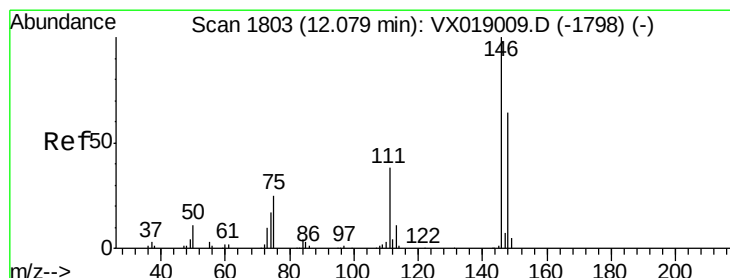
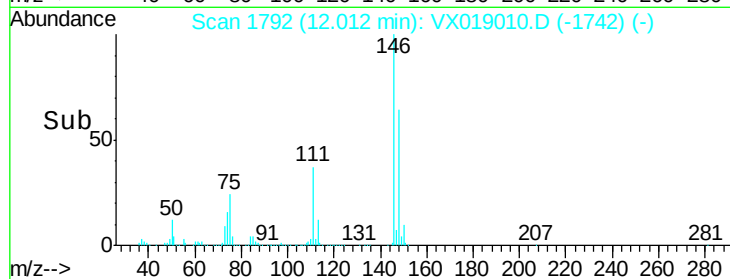
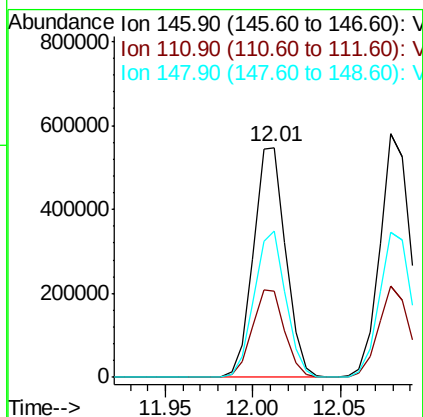
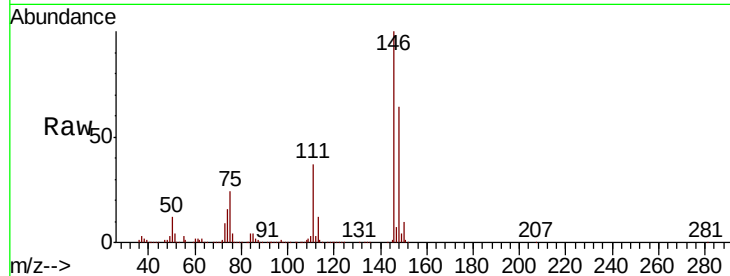
Delta R.T. 0.01 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.7	59.1
148	62.3	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 99.880 ug/l

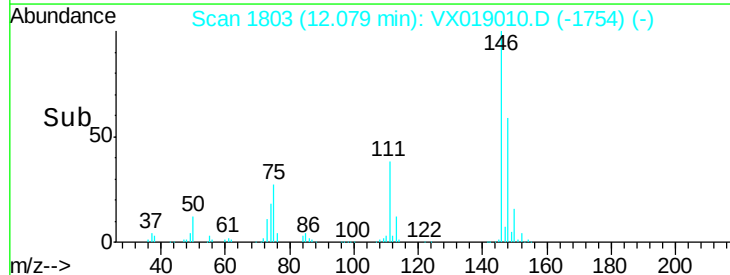
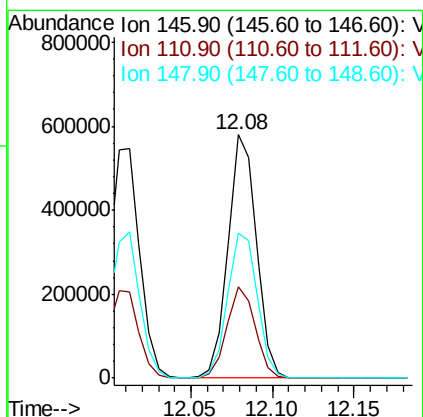
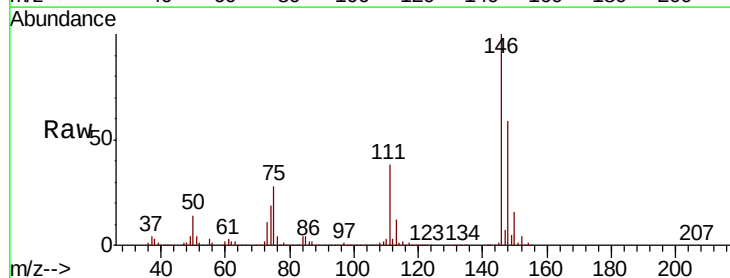
RT: 12.08 min Scan# 1803

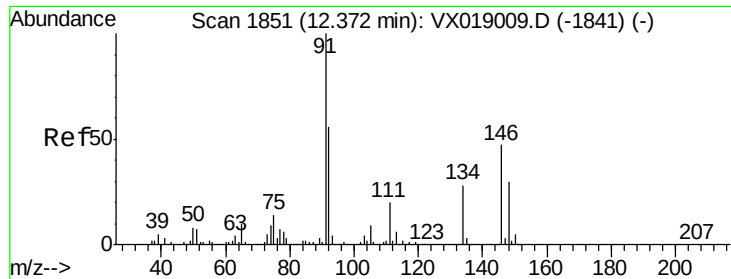
Delta R.T. -0.00 min

Lab File: VX019010.D

Acq: 21 Oct 2020 19:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.4	58.2
148	62.3	32.2	96.6

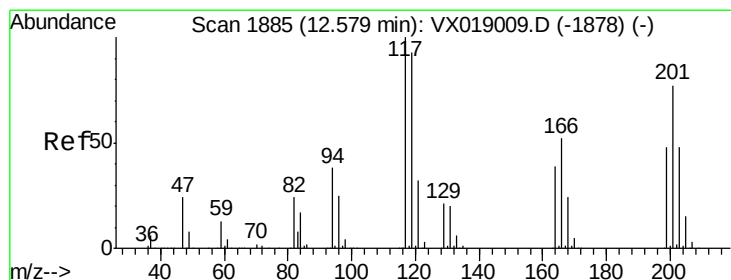
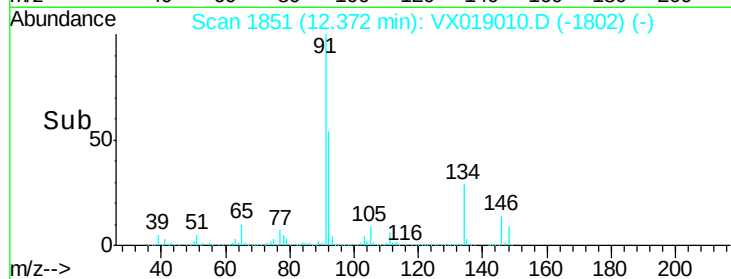
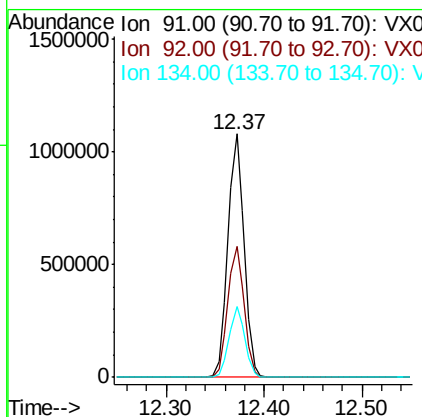
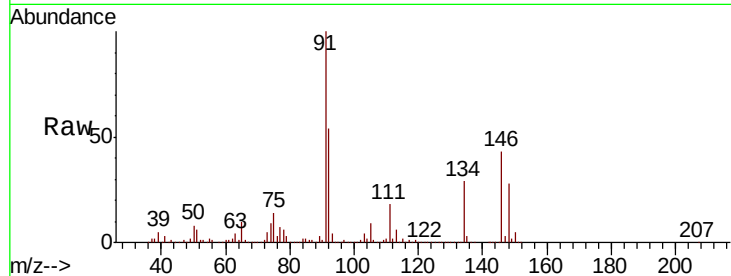




#89
n-Butylbenzene
Concen: 102.009 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

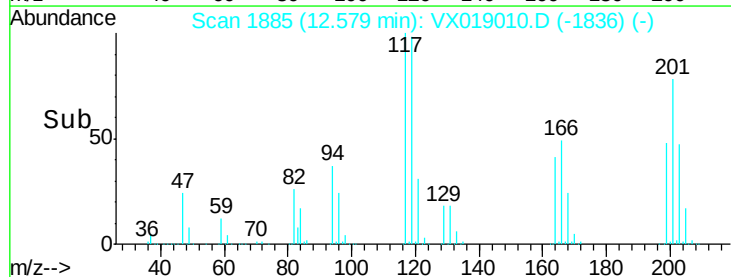
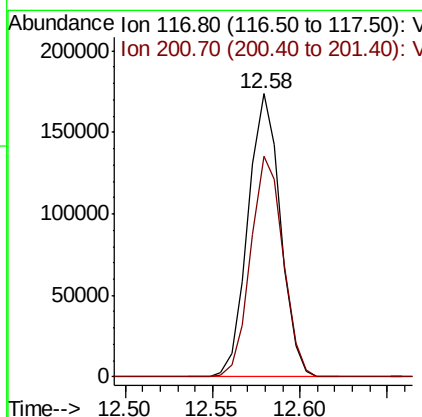
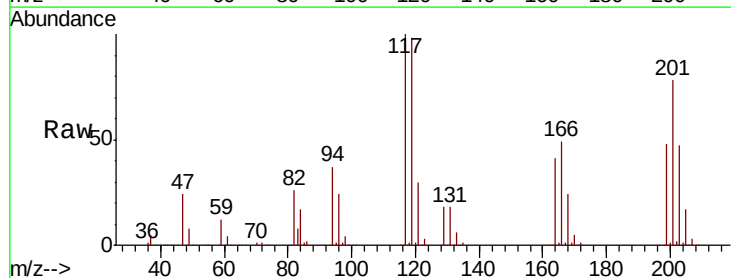
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

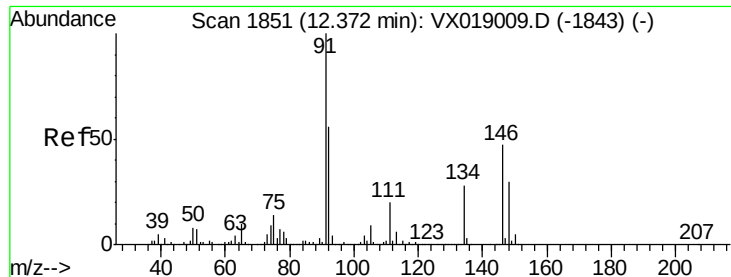
Tot Ion: 91 Resp: 1238247
Ion Ratio Lower Upper
91 100
92 54.6 27.3 81.9
134 28.3 13.6 40.7



#90
Hexachloroethane
Concen: 110.196 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

Tgt Ion: 117 Resp: 223715
Ion Ratio Lower Upper
117 100
201 78.3 37.1 111.3

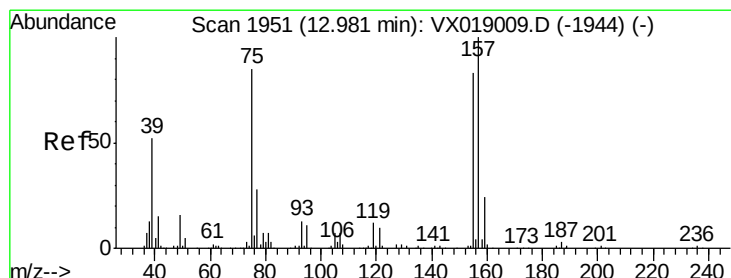
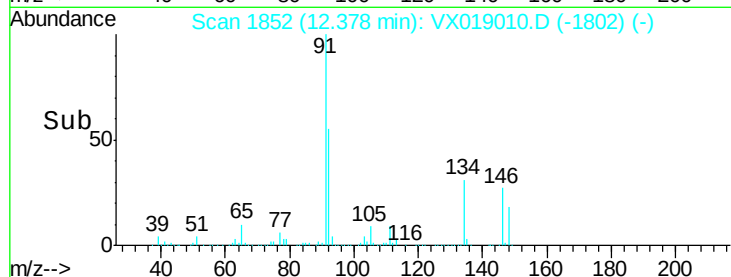
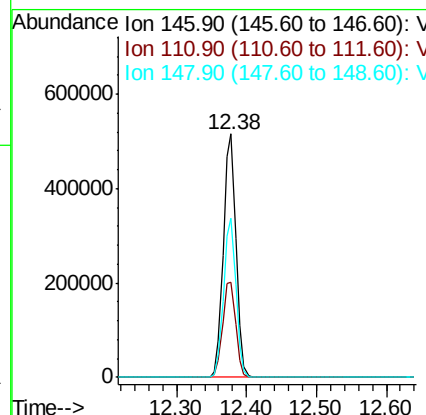
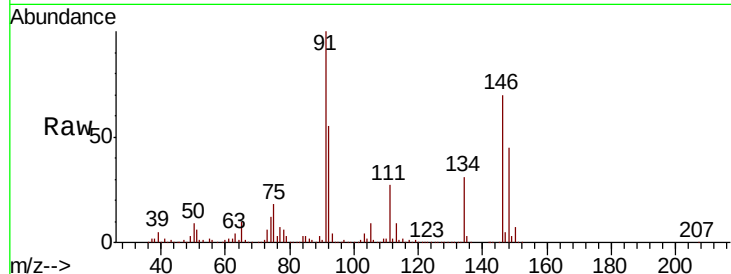




#91
 1,2-Dichlorobenzene
 Concen: 101.646 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019010.D
 Acq: 21 Oct 2020 19:30

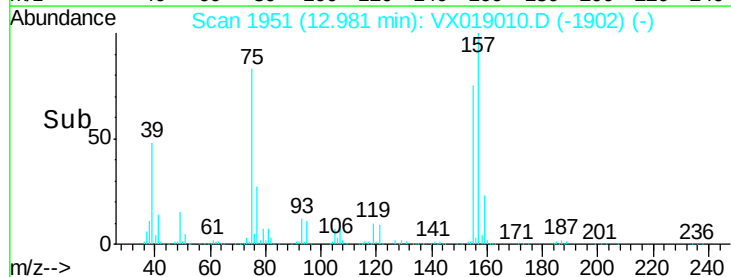
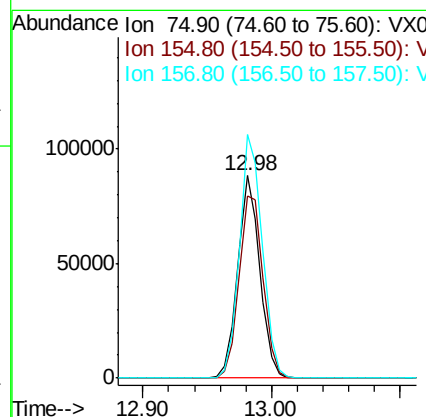
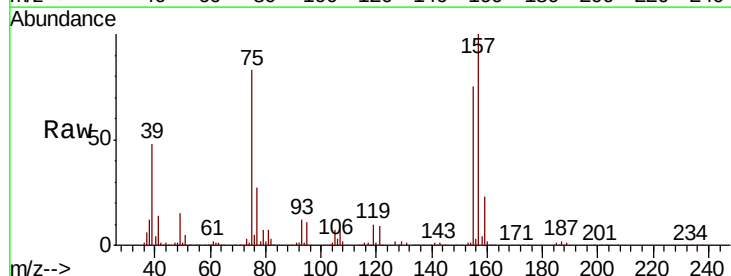
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

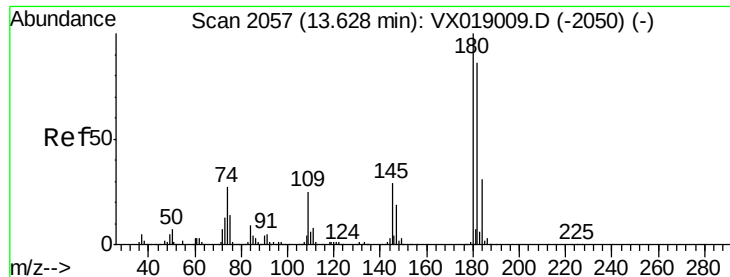
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.9	59.7
148	64.3	31.4	94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 104.843 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019010.D
 Acq: 21 Oct 2020 19:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	47.3	142.0
157	123.7	59.7	179.0

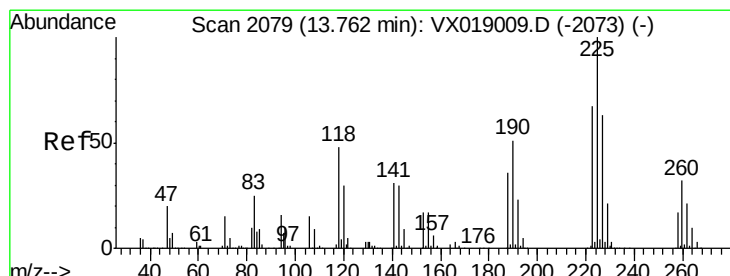
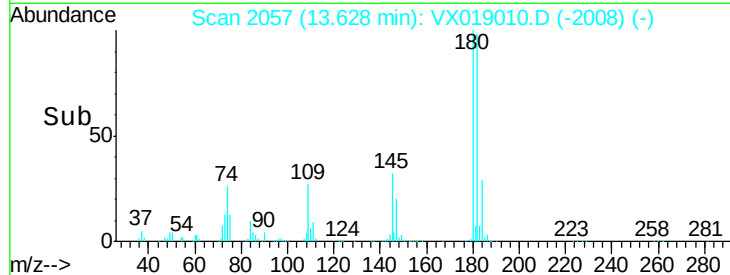
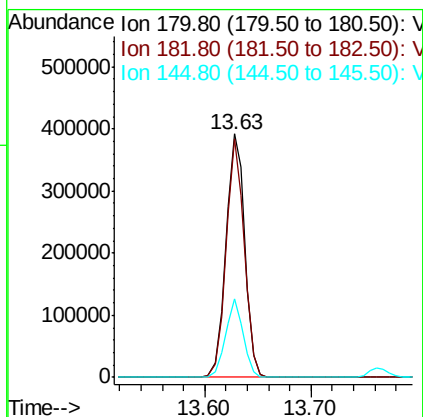
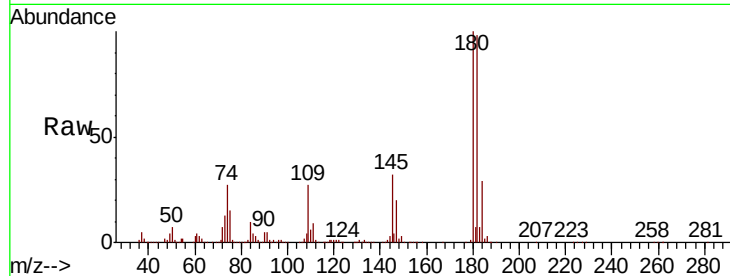




#93
 1,2,4-Trichlorobenzene
 Concen: 103.564 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019010.D
 Acq: 21 Oct 2020 19:30

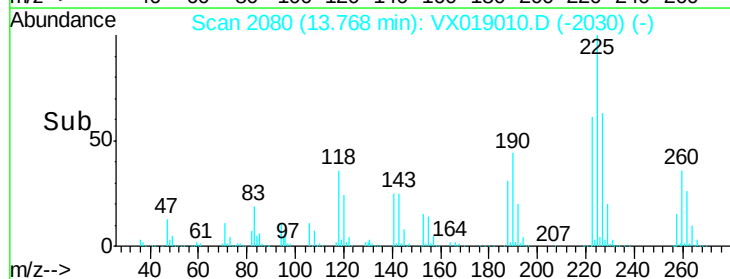
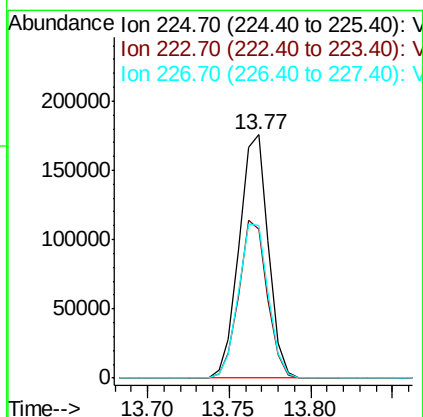
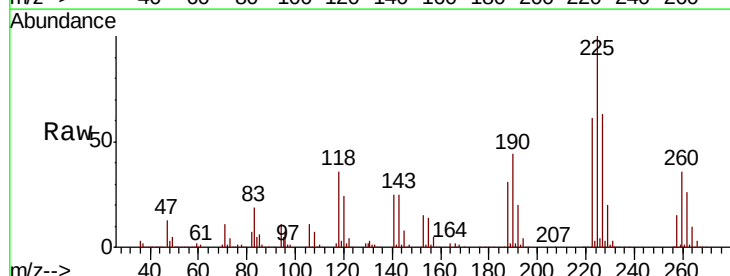
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

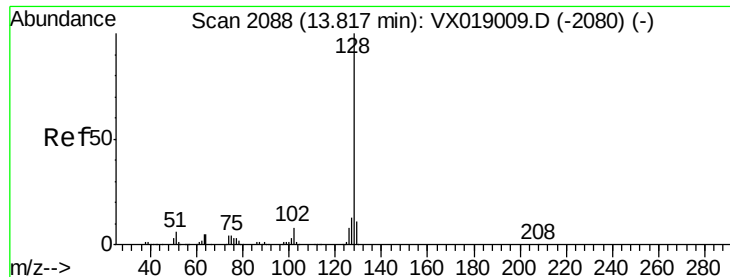
Tot Ion:180 Resp: 482516
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.4 139.2
 145 30.3 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 101.454 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019010.D
 Acq: 21 Oct 2020 19:30

Tgt Ion:225 Resp: 219144
 Ion Ratio Lower Upper
 225 100
 223 63.2 32.5 97.4
 227 64.6 31.9 95.7

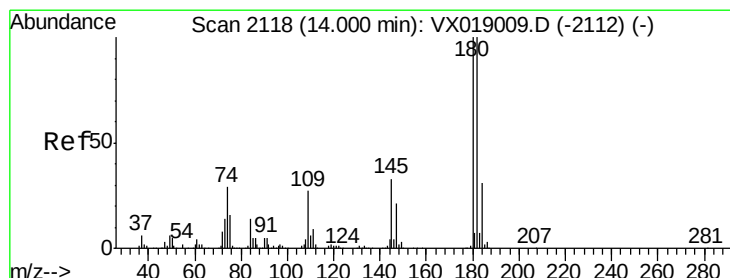
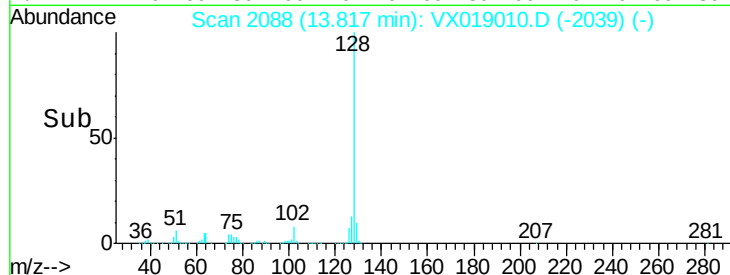
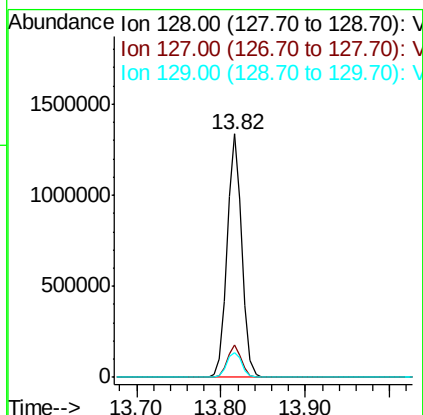
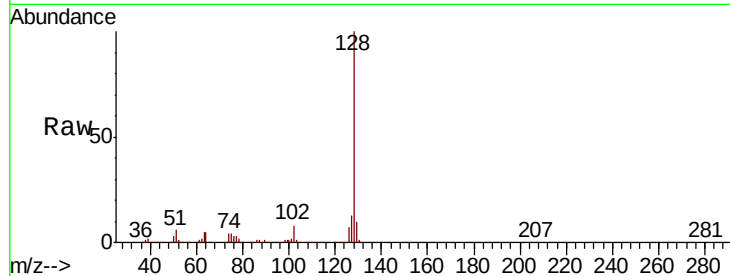




#95
Naphthalene
Concen: 108.960 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 1597276
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 102.836 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019010.D
Acq: 21 Oct 2020 19:30

Tgt Ion:180 Resp: 466370
Ion Ratio Lower Upper
180 100
182 97.3 47.3 142.0
145 32.3 15.9 47.6

