

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112020\
 Data File : VX019472.D
 Acq On : 19 Nov 2020 17:45
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 19 18:06:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 19 17:22:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	49370	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.83	114	277684	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	247302	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	107252	32.23	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.43%
60) 4-Bromofluorobenzene	11.12	95	123726	32.76	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	109.20%
63) Toluene-d8	8.70	98	330582	30.28	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.93%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	418885	159.993	ug/l 99
3) Chloromethane	1.31	50	453189	183.745	ug/l 98
4) Vinyl Chloride	1.39	62	510081	165.043	ug/l 98
5) Bromomethane	1.62	94	174006	85.845	ug/l 99
6) Chloroethane	1.68	64	111986	59.080	ug/l 99
7) Trichlorofluoromethane	1.89	101	727237	140.097	ug/l 99
8) Diethyl Ether	2.17	74	297256	151.236	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.35	101	407793	159.817	ug/l 99
10) 1,1-Dichloroethene	2.34	96	420654	162.321	ug/l 98
11) Methyl Iodide	2.48	142	578610	219.551	ug/l 97
12) Methyl Acetate	2.75	43	505986	189.607	ug/l 97
13) Acrolein	2.28	56	372773	1301.197	ug/l 100
14) Acrylonitrile	3.12	53	1216801	960.010	ug/l 100
15) Acetone	2.43	58	346528	940.415	ug/l 98
16) Carbon Disulfide	2.54	76	1170537	165.486	ug/l 99
17) Allyl chloride	2.70	41	663188	197.833	ug/l 99
18) Methylene Chloride	2.83	84	491337	163.715	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	477094	159.710	ug/l 98
20) Diisopropyl ether	3.83	45	1389408	201.085	ug/l 91
21) 1,1-Dichloroethane	3.67	63	827564	170.310	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	550581	159.033	ug/l 98
23) tert-Butyl Alcohol	3.06	59	507349	830.426	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	1490165	179.377	ug/l 99
25) Chloroform	5.18	83	862309	161.630	ug/l 99
26) Cyclohexane	5.54	56	719428	186.842	ug/l # 99
29) 1,1-Dichloropropene	5.76	75	649717	159.718	ug/l 99
30) 2-Butanone	4.64	43	1576634	913.408	ug/l 99
31) 2,2-Dichloropropane	4.55	77	731988	157.279	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	759325	155.609	ug/l 98
33) Carbon Tetrachloride	5.75	117	656365	155.432	ug/l 96
34) Benzene	6.11	78	1981415	162.751	ug/l 99
35) Methacrylonitrile	5.01	41	334898	183.860	ug/l 97
36) 1,2-Dichloroethane	6.16	62	671738	160.334	ug/l 100
37) Trichloroethene	7.18	130	528812	153.407	ug/l 98
38) Methylcyclohexane	7.44	83	796047	171.653	ug/l 98
39) 1,2-Dichloropropane	7.49	63	494281	171.524	ug/l 100
40) Dibromomethane	7.63	93	340146	155.528	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	691393	161.177	ug/l	100
42) Vinyl Acetate	3.79	43	6037731	925.413	ug/l	99
43) Ethyl Acetate	4.80	43	628487	178.529	ug/l	97
44) Isopropyl Acetate	6.42	43	1026420	175.018	ug/l	99
45) 1,4-Dioxane	7.72	88	228500	3665.271	ug/l	95
46) Methyl methacrylate	7.75	41	506574	182.256	ug/l	98
47) n-amyl Acetate	10.88	43	915535	193.757	ug/l	96
48) t-1,3-Dichloropropene	9.02	75	771100	161.670	ug/l	99
49) cis-1,3-Dichloropropene	8.41	75	836517	163.866	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	488423	152.446	ug/l	95
51) Ethyl methacrylate	9.16	69	774921	168.837	ug/l	98
52) 1,3-Dichloropropane	9.35	76	819783	157.227	ug/l	99
53) Dibromochloromethane	9.57	129	529401	152.086	ug/l	98
54) 1,2-Dibromoethane	9.65	107	515908	150.246	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	2027905	835.864	ug/l	99
56) Bromoform	10.84	173	395438	162.730	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	3021816	906.825	ug/l	98
59) 2-Hexanone	9.48	43	2334974	936.657	ug/l	99
61) Tetrachloroethene	9.32	164	459143	148.841	ug/l	98
62) Toluene	8.76	91	2107155	156.855	ug/l	100
64) Chlorobenzene	10.12	112	1267384	151.452	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	486643	159.782	ug/l	99
66) Ethyl Benzene	10.23	91	2317518	156.985	ug/l	97
67) m/p-Xylenes	10.34	106	1731099	308.003	ug/l	100
68) o-Xylene	10.68	106	835763	155.924	ug/l	100
69) Styrene	10.70	104	1462051	161.390	ug/l	99
70) Isopropylbenzene	11.00	105	2258481	156.028	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	772322	179.638	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	905131	235.266	ug/l	88
73) Bromobenzene	11.24	156	561717	158.587	ug/l	99
74) n-propylbenzene	11.34	91	2618451	159.678	ug/l	100
75) 2-Chlorotoluene	11.41	91	1548099	164.180	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	1932026	163.570	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	271806	184.639	ug/l	92
78) 4-Chlorotoluene	11.49	91	1841327	166.759	ug/l	99
79) tert-butylbenzene	11.76	119	1884168	163.388	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	1928024	164.213	ug/l	100
81) sec-Butylbenzene	11.93	105	2218104	161.362	ug/l	98
82) p-Isopropyltoluene	12.05	119	2055434	162.953	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	1026387	160.755	ug/l	97
84) 1,4-Dichlorobenzene	12.08	146	1057986	163.289	ug/l	98
85) n-Butylbenzene	12.37	91	1935784	171.742	ug/l	99
86) Hexachloroethane	12.58	117	373182	189.155	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	1027039	167.101	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	176821	186.077	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	746113	172.557	ug/l	100
90) Hexachlorobutadiene	13.76	225	318566	168.857	ug/l	97
91) Naphthalene	13.82	128	2394778	170.038	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	726294	172.842	ug/l	97

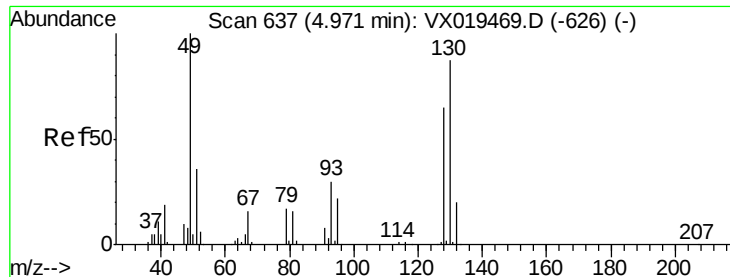
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

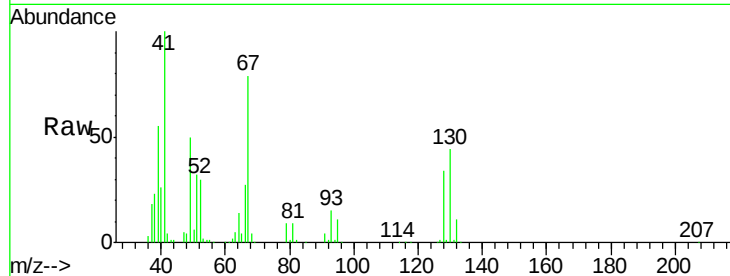
Tgt Ion:128 Resp: 49370

Ion Ratio Lower Upper

128 100

49 154.9 0.0 377.8

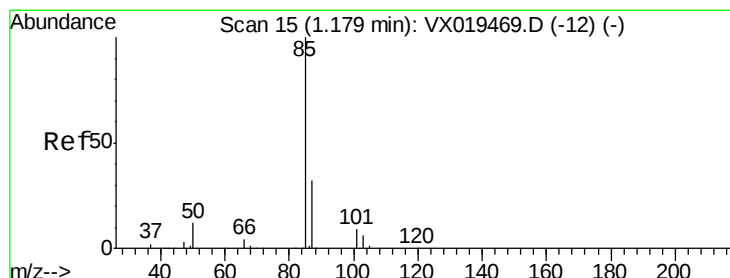
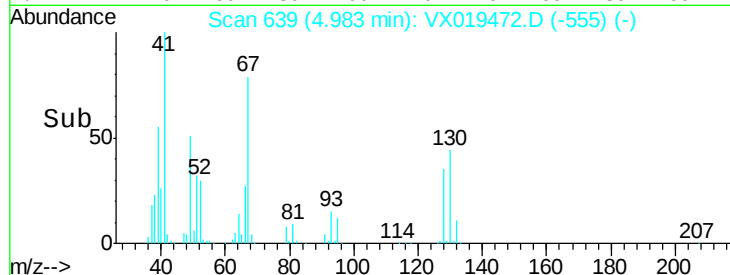
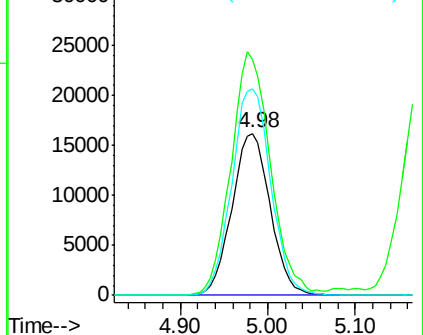
130 130.0 0.0 324.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 159.993 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX019472.D

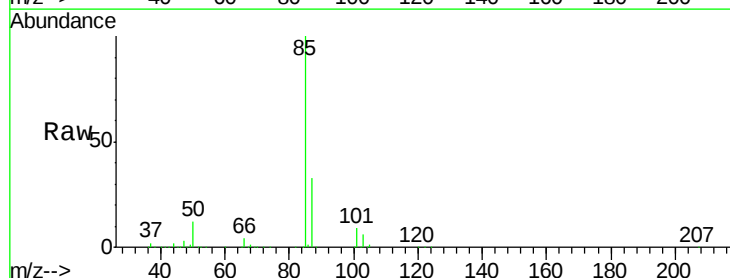
Acq: 19 Nov 2020 17:45

Tgt Ion: 85 Resp: 418885

Ion Ratio Lower Upper

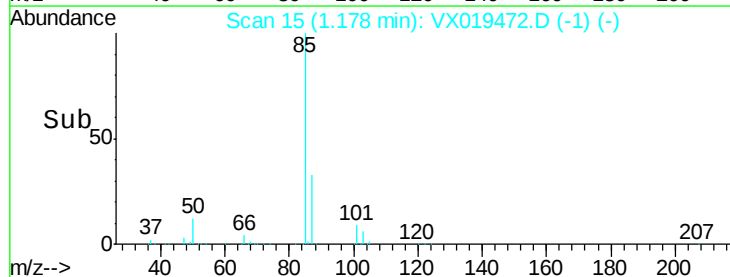
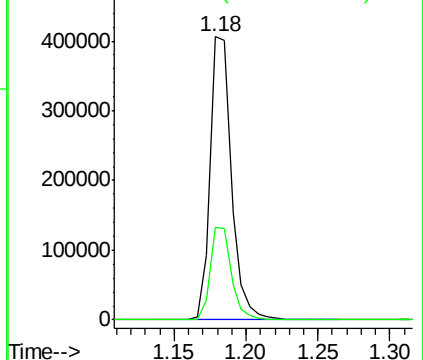
85 100

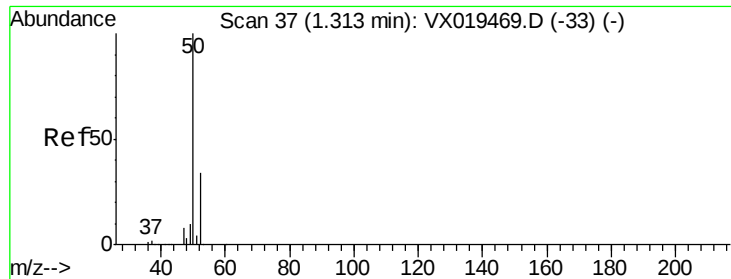
87 32.5 16.0 47.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 183.745 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

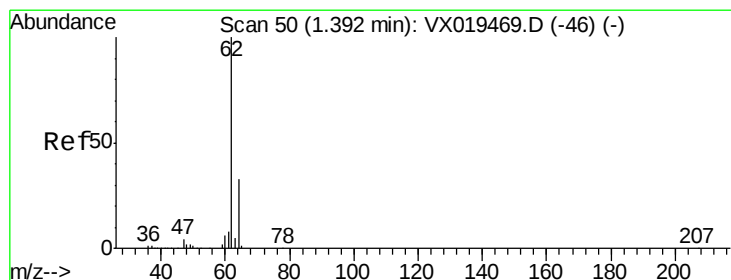
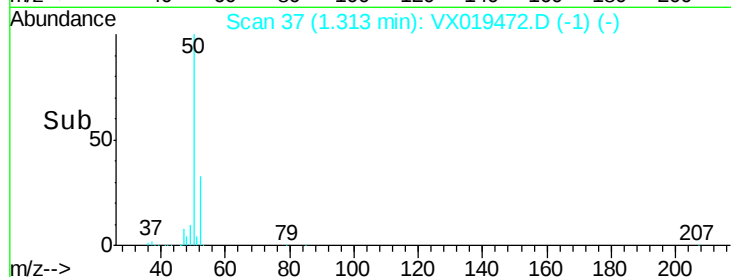
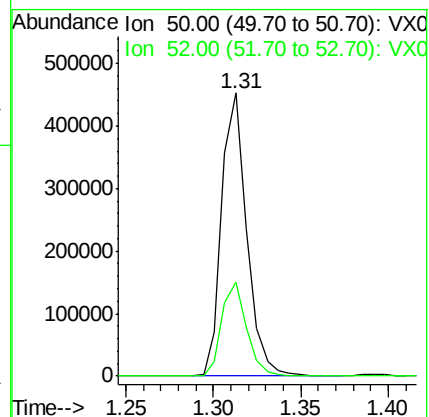
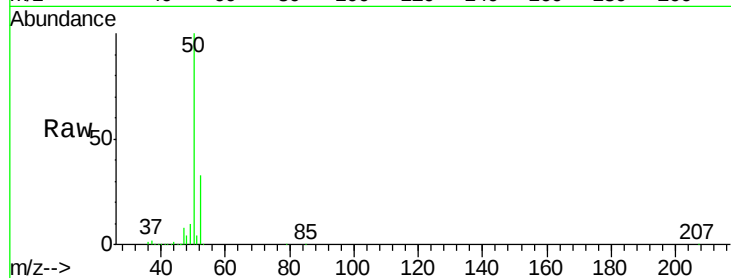
VSTDIC150

Tgt Ion: 50 Resp: 453189

Ion Ratio Lower Upper

50 100

52 33.4 27.5 41.3



#4

Vinyl Chloride

Concen: 165.043 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019472.D

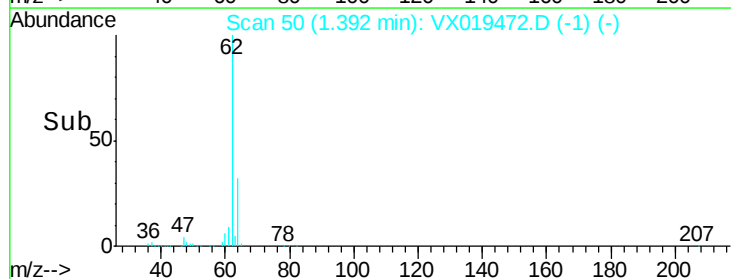
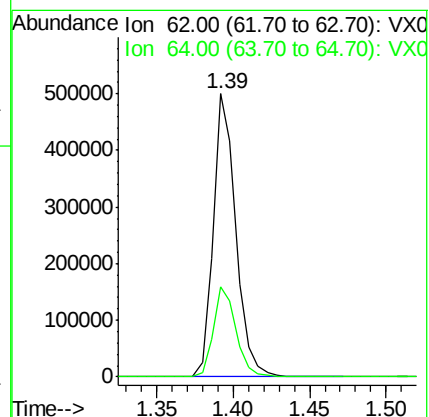
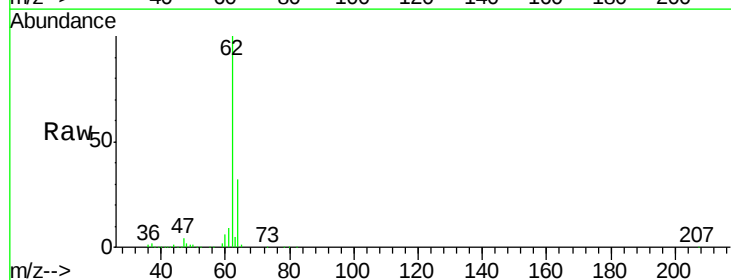
Acq: 19 Nov 2020 17:45

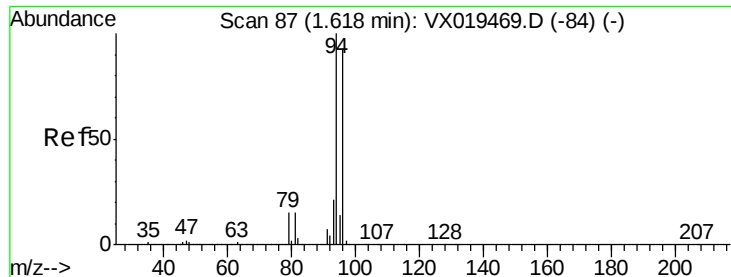
Tgt Ion: 62 Resp: 510081

Ion Ratio Lower Upper

62 100

64 32.0 26.4 39.6





#5

Bromomethane

Concen: 85.845 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

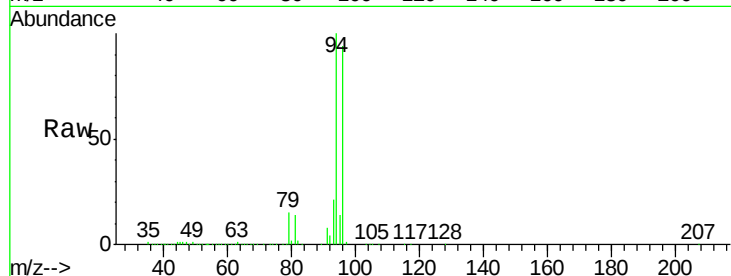
VSTDIC150

Tgt Ion: 94 Resp: 174006

Ion Ratio Lower Upper

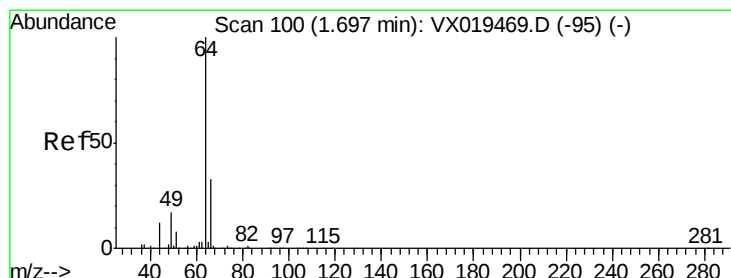
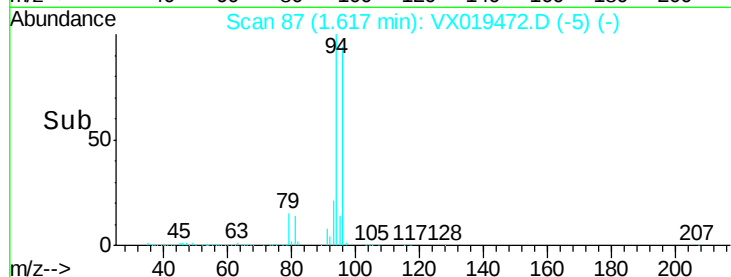
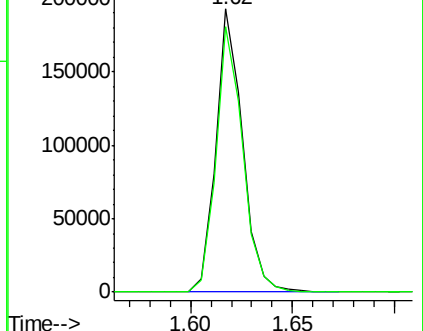
94 100

96 93.8 74.6 111.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 59.080 ug/l

RT: 1.68 min Scan# 98

Delta R.T. -0.01 min

Lab File: VX019472.D

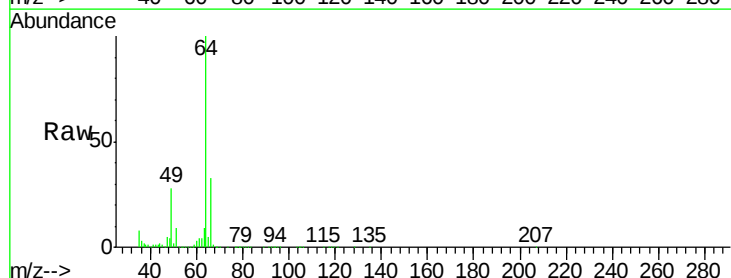
Acq: 19 Nov 2020 17:45

Tgt Ion: 64 Resp: 111986

Ion Ratio Lower Upper

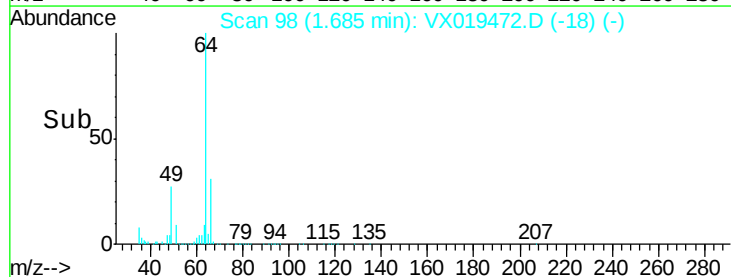
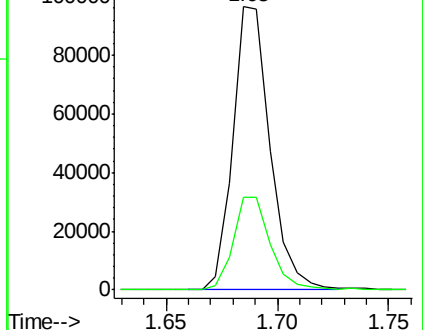
64 100

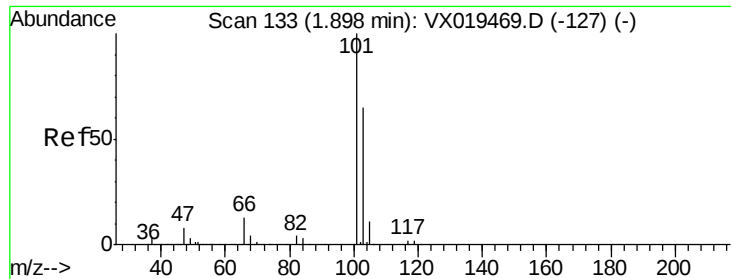
66 32.6 26.6 40.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



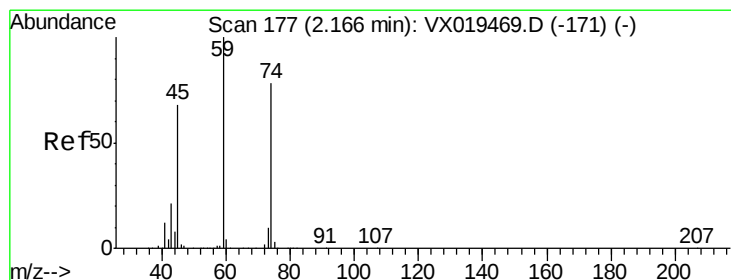
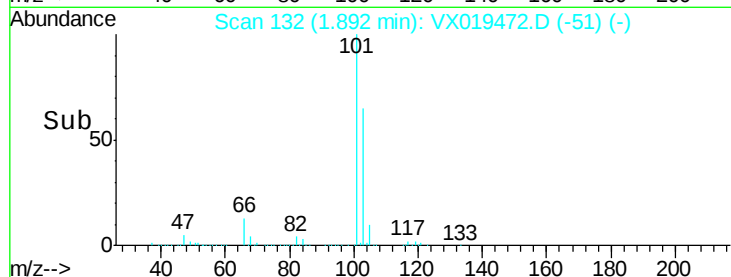
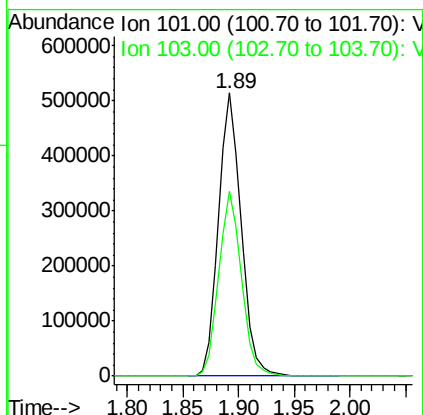
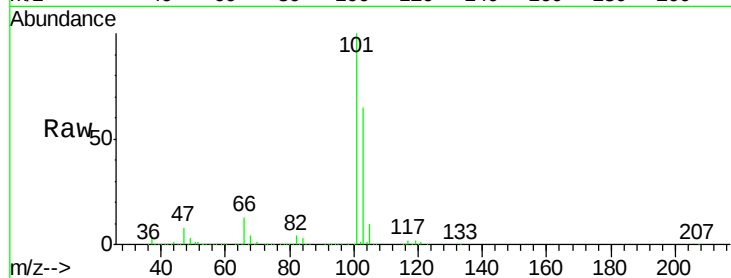


#7

Trichlorofluoromethane
 Concen: 140.097 ug/l
 RT: 1.89 min Scan# 132
 Delta R.T. -0.01 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Instrument :
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 VSTDIC150

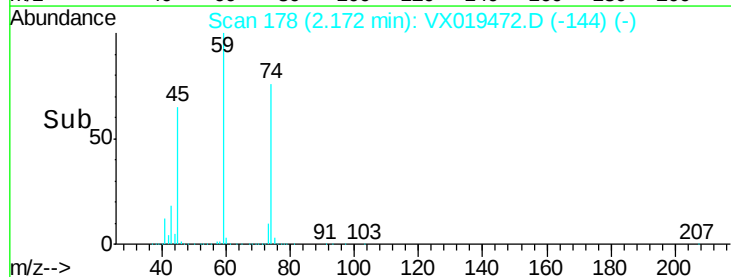
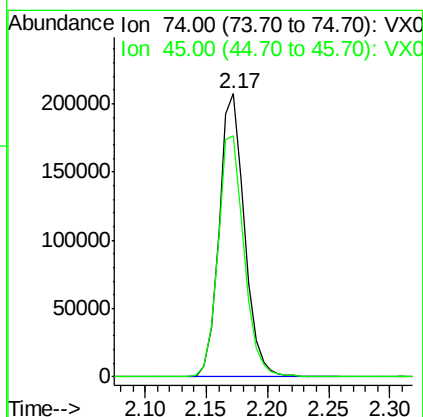
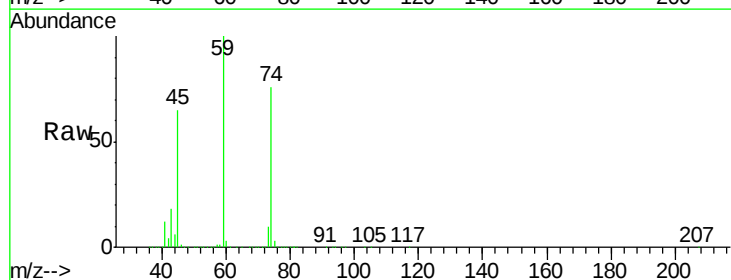
Tgt Ion:101 Resp: 727237
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.8 77.6

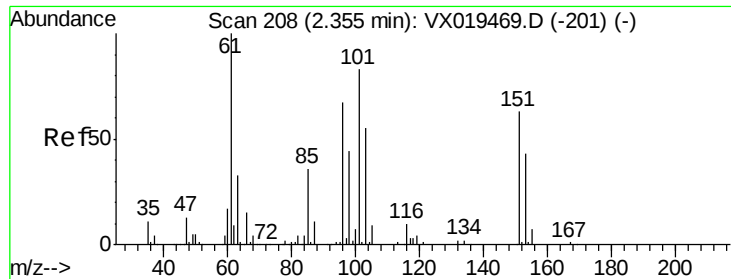


#8

Diethyl Ether
 Concen: 151.236 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Tgt Ion: 74 Resp: 297256
 Ion Ratio Lower Upper
 74 100
 45 87.8 17.2 155.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 159.817 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

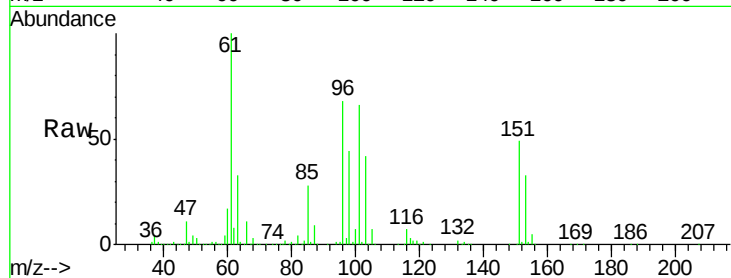
Tgt Ion:101 Resp: 407793

Ion Ratio Lower Upper

101 100

85 43.3 0.0 88.8

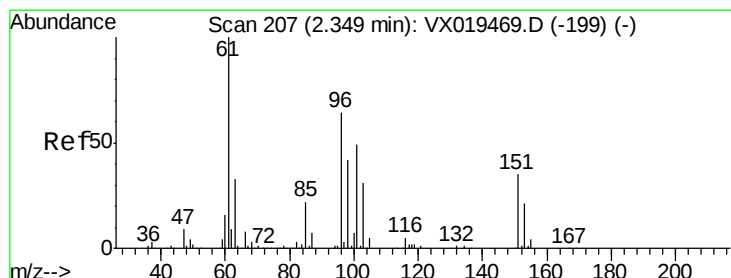
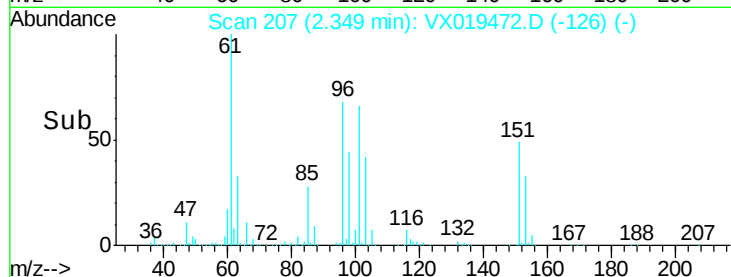
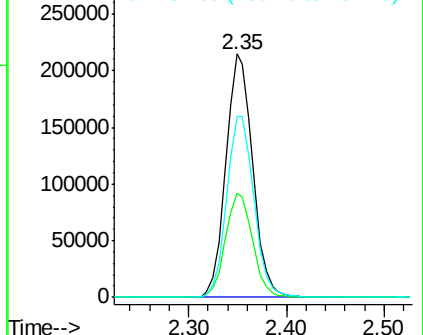
151 75.7 0.0 153.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 162.321 ug/l

RT: 2.34 min Scan# 206

Delta R.T. -0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

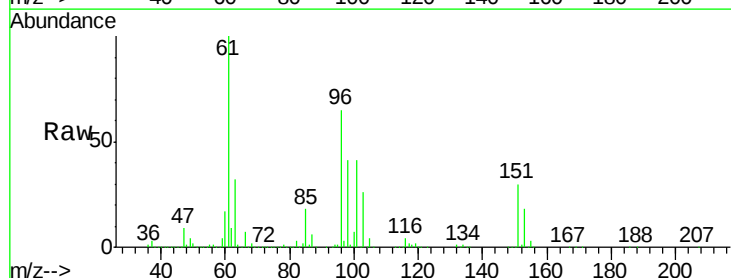
Tgt Ion: 96 Resp: 420654

Ion Ratio Lower Upper

96 100

61 154.1 125.4 188.2

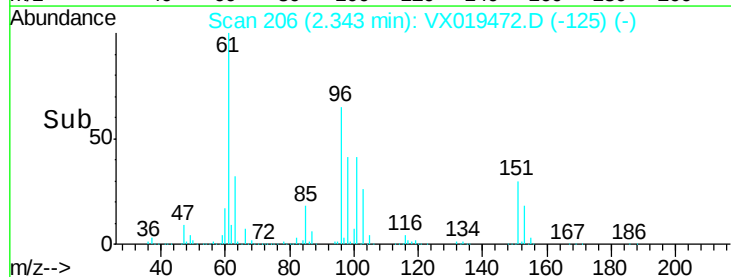
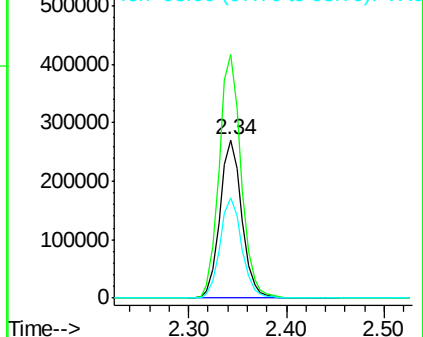
98 63.5 52.4 78.6

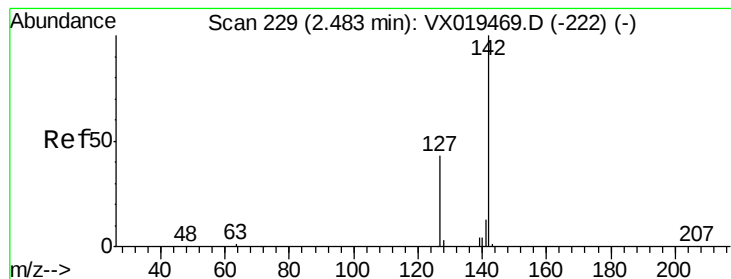


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 219.551 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

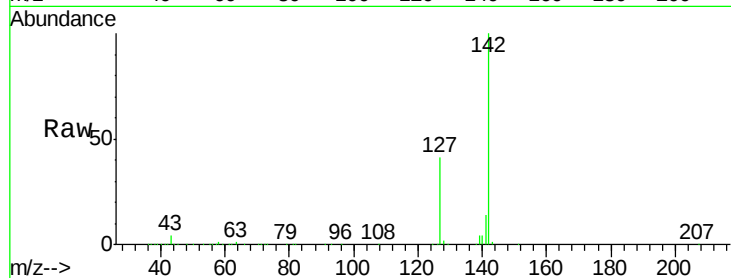
Tgt Ion: 142 Resp: 578610

Ion Ratio Lower Upper

142 100

127 40.6 21.3 64.0

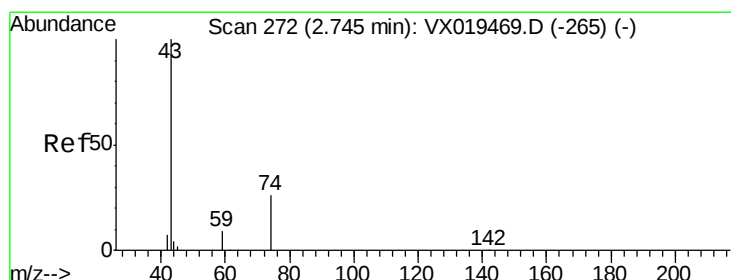
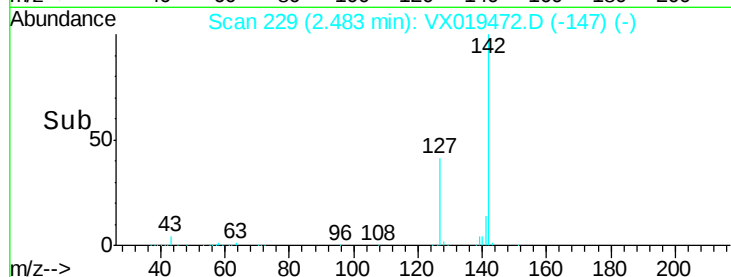
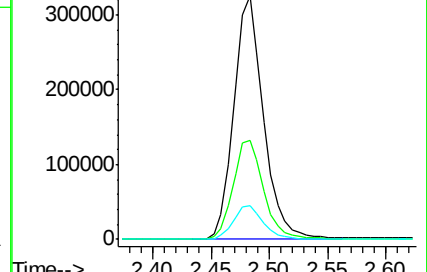
141 13.9 6.7 20.0



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 189.607 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX019472.D

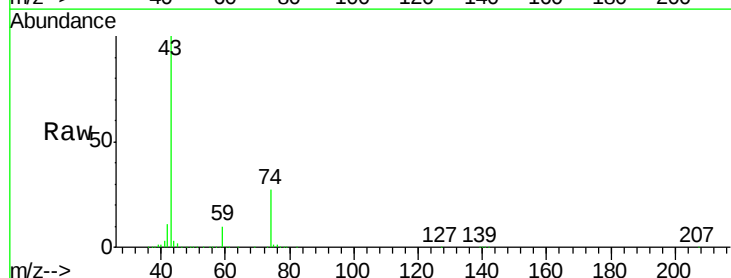
Acq: 19 Nov 2020 17:45

Tgt Ion: 43 Resp: 505986

Ion Ratio Lower Upper

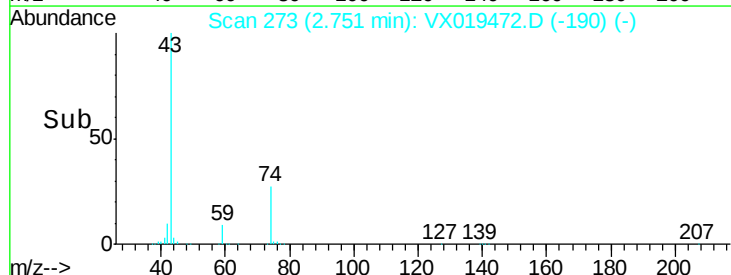
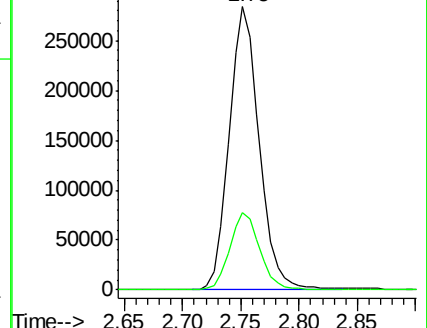
43 100

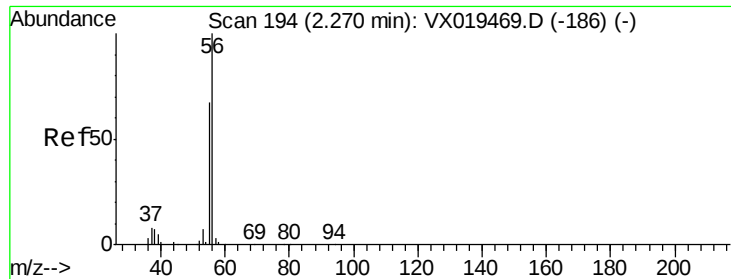
74 27.2 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 1301.197 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

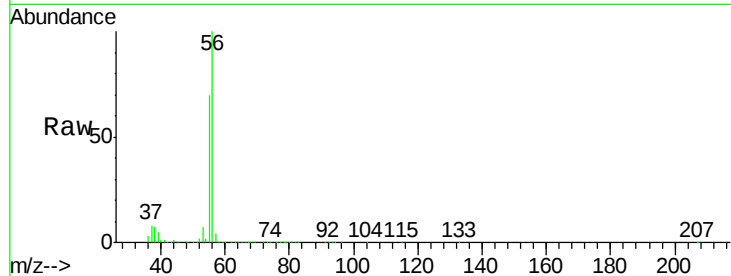
VSTDIC150

Tgt Ion: 56 Resp: 372773

Ion Ratio Lower Upper

56 100

55 70.6 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

250000

200000

150000

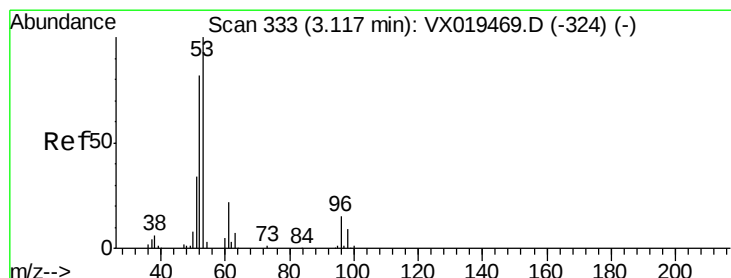
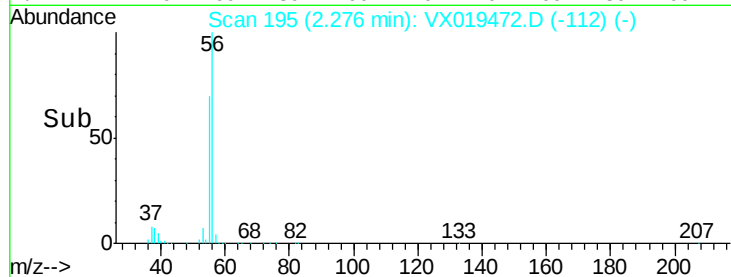
100000

50000

0

Time--> 2.20 2.25 2.30 2.35

2.28



#14

Acrylonitrile

Concen: 960.010 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

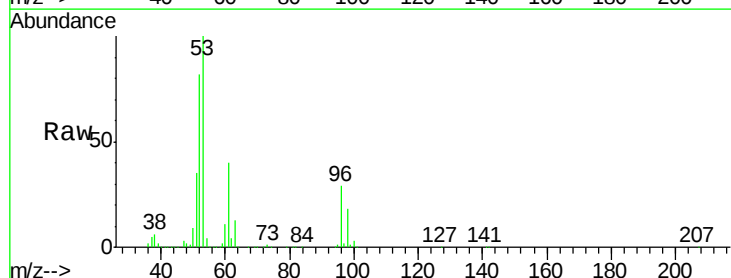
Tgt Ion: 53 Resp: 1216801

Ion Ratio Lower Upper

53 100

52 82.6 41.3 123.7

51 35.7 17.8 53.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

600000

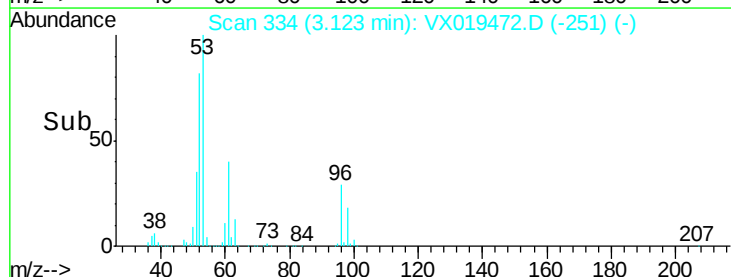
400000

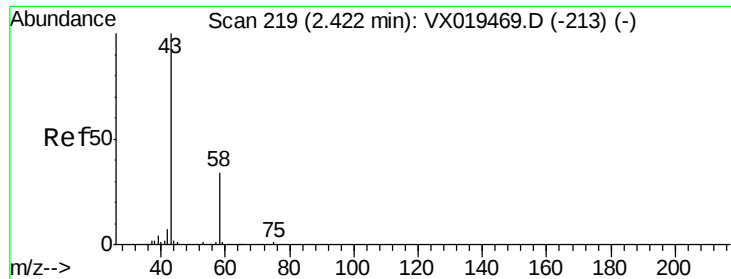
200000

0

Time--> 3.00 3.10 3.20

3.12





#15

Acetone

Concen: 940.415 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

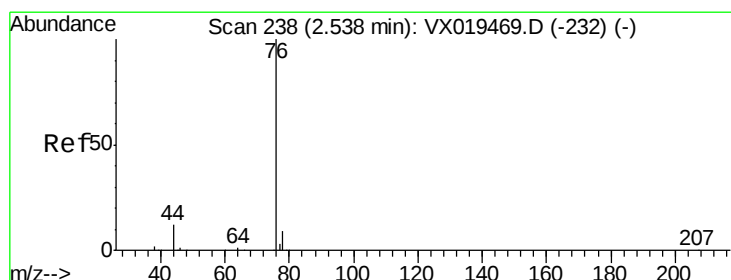
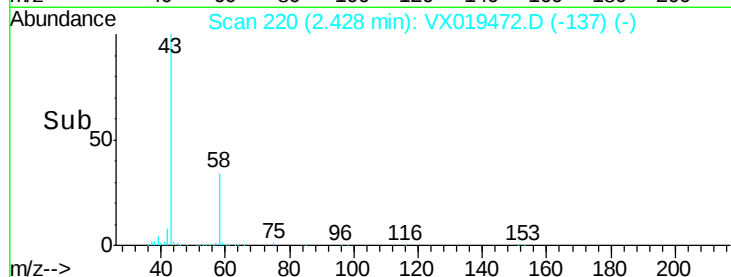
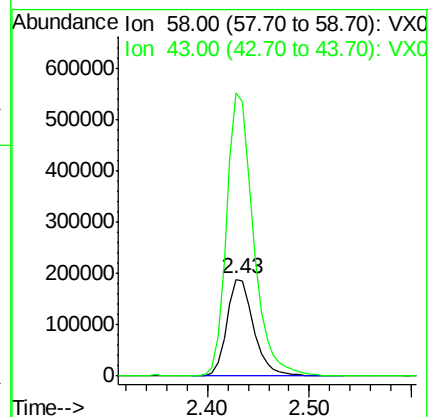
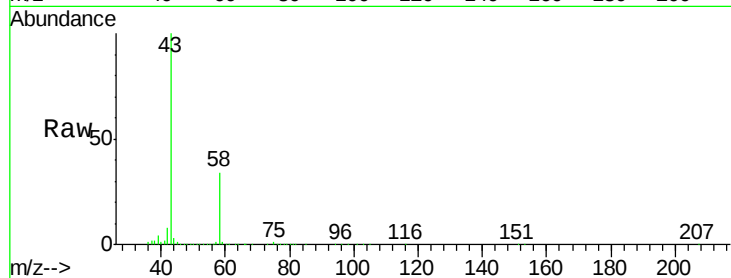
VSTDIC150

Tgt Ion: 58 Resp: 346528

Ion Ratio Lower Upper

58 100

43 291.9 236.3 354.5



#16

Carbon Disulfide

Concen: 165.486 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VX019472.D

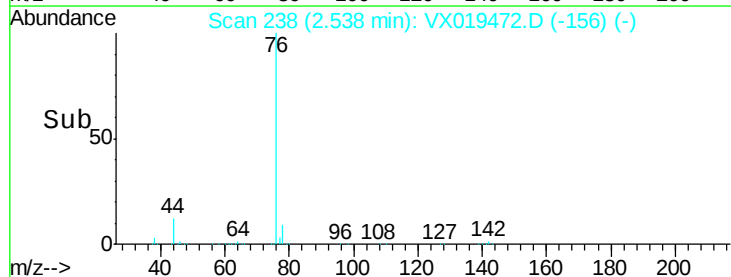
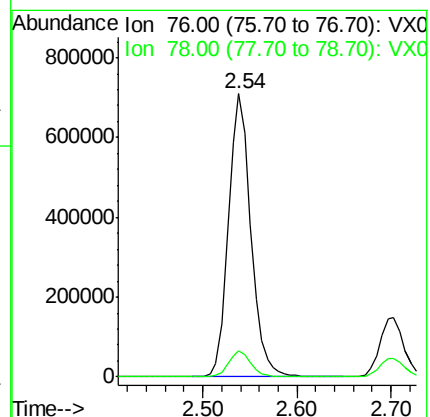
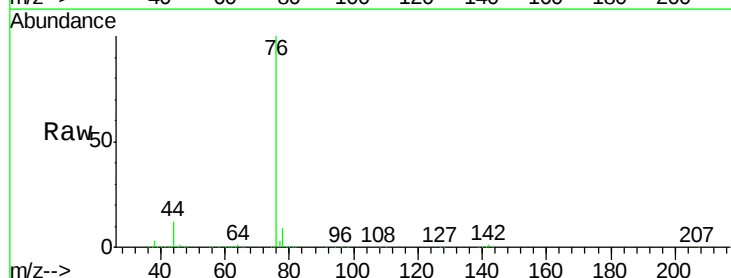
Acq: 19 Nov 2020 17:45

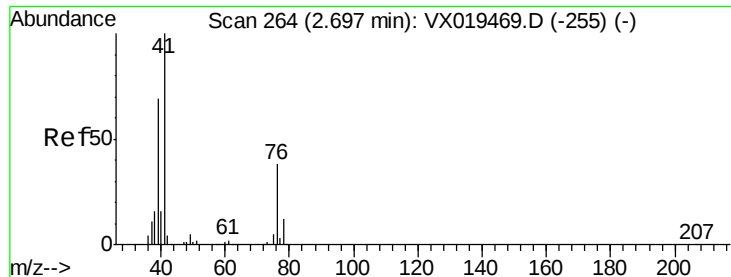
Tgt Ion: 76 Resp: 1170537

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

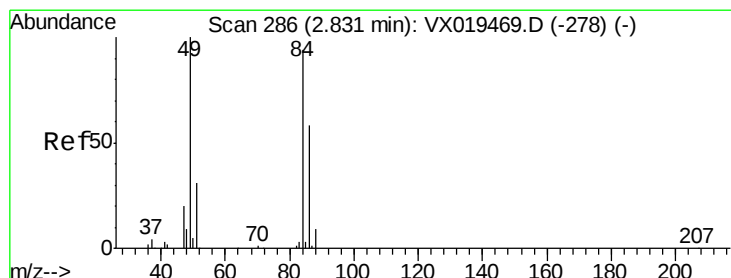
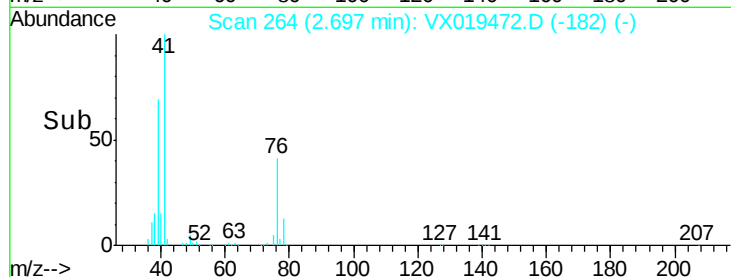
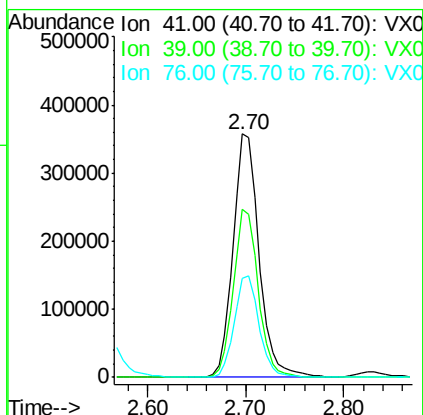
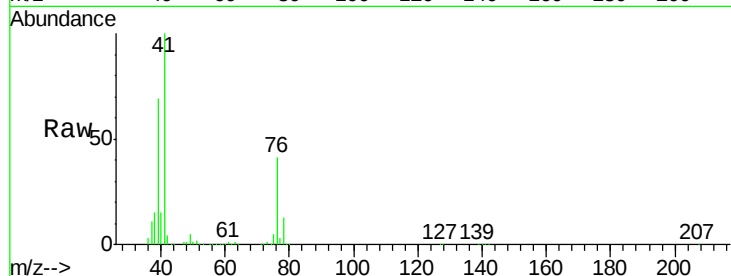




#17
 Allyl chloride
 Concen: 197.833 ug/l
 RT: 2.70 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

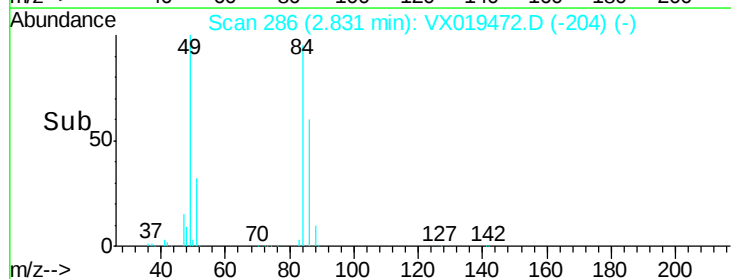
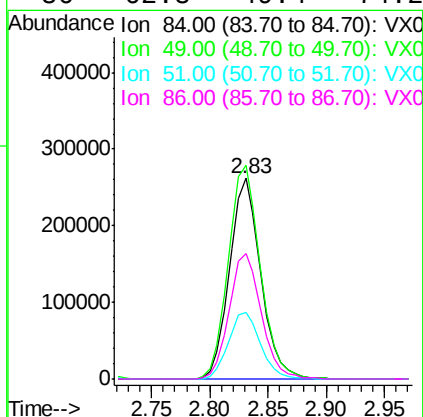
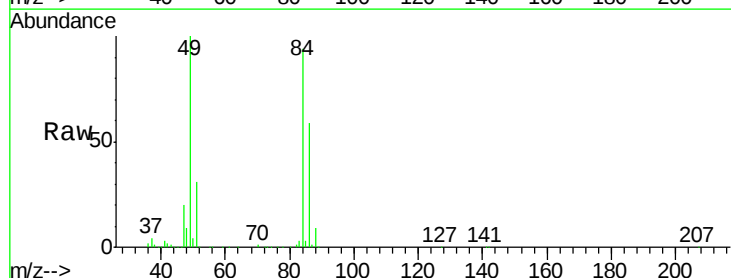
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

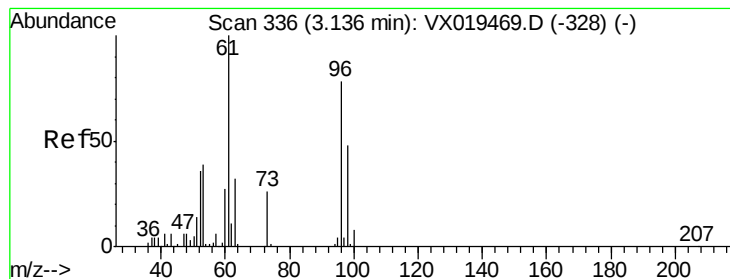
Tgt Ion: 41 Resp: 663188
 Ion Ratio Lower Upper
 41 100
 39 68.9 34.5 103.6
 76 40.6 19.3 57.8



#18
 Methylene Chloride
 Concen: 163.715 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Tgt Ion: 84 Resp: 491337
 Ion Ratio Lower Upper
 84 100
 49 106.5 85.4 128.0
 51 32.9 26.7 40.1
 86 62.8 49.4 74.2





#19

trans-1,2-Dichloroethene

Concen: 159.710 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

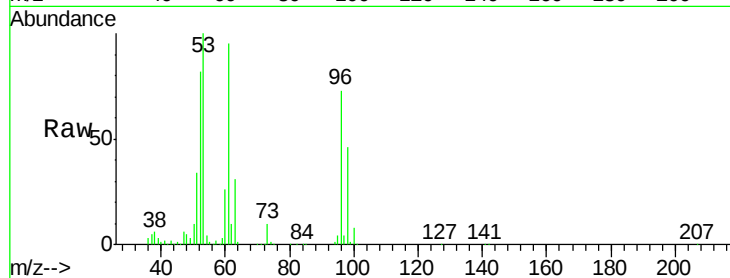
Tgt Ion: 96 Resp: 477094

Ion Ratio Lower Upper

96 100

61 130.6 103.2 154.8

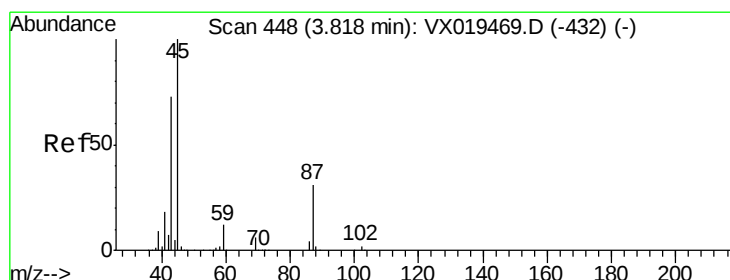
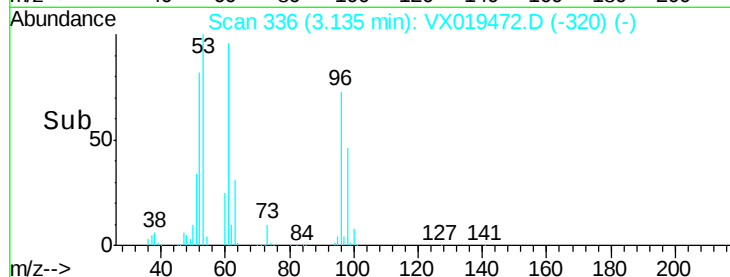
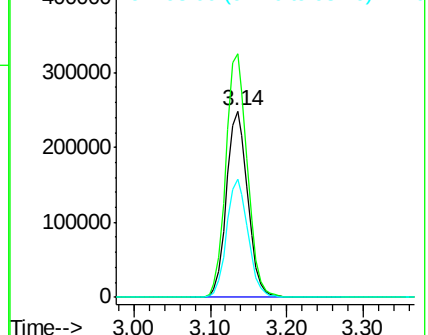
98 63.1 49.2 73.8



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 201.085 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Tgt Ion: 45 Resp: 1389408

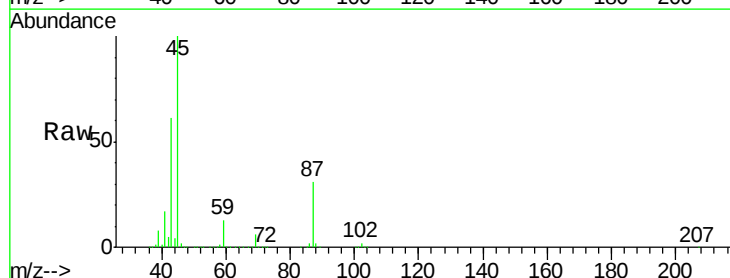
Ion Ratio Lower Upper

45 100

43 61.4 58.7 88.1

87 31.2 24.5 36.7

59 12.8 9.9 14.9

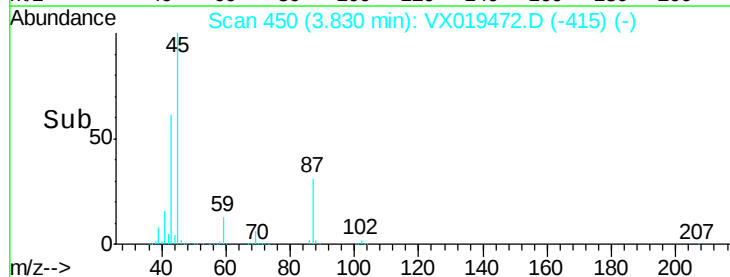
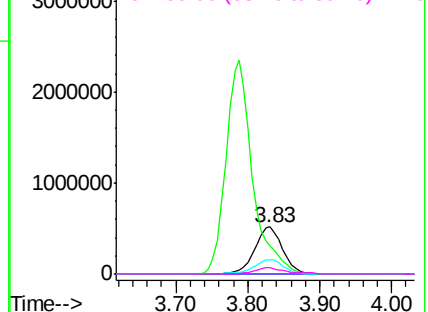


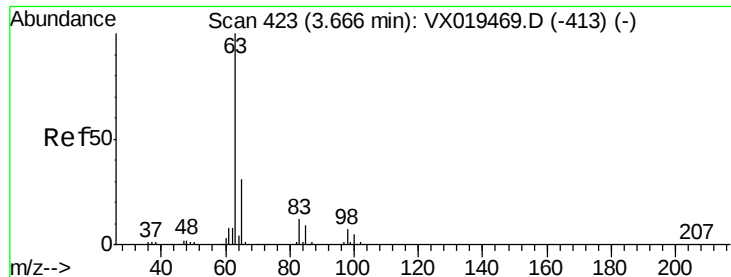
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

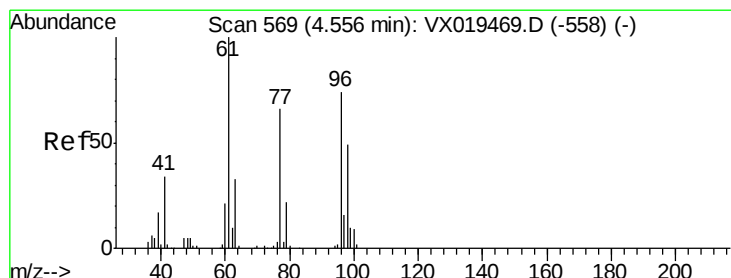
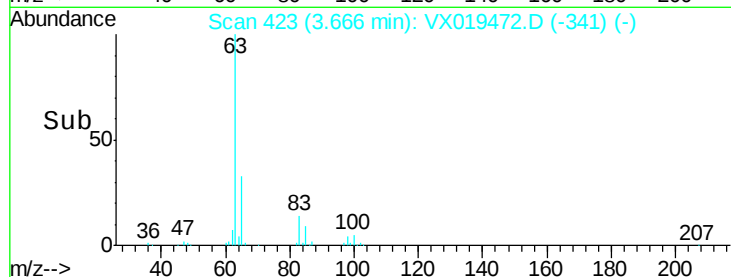
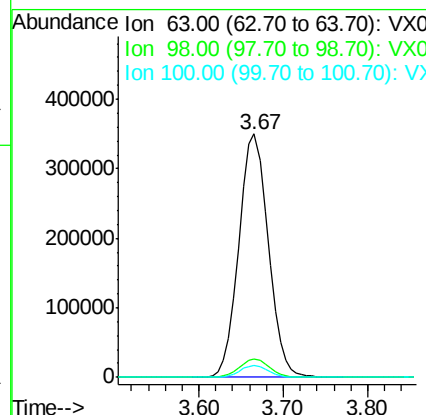
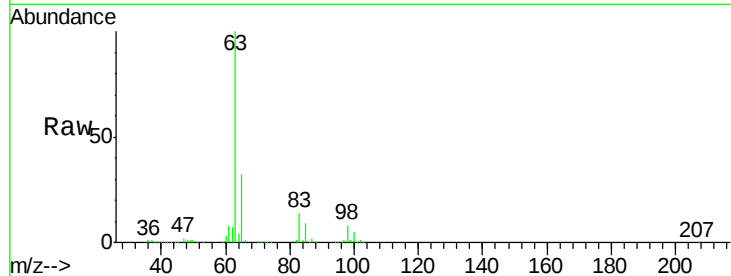




#21
 1,1-Dichloroethane
 Concen: 170.310 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

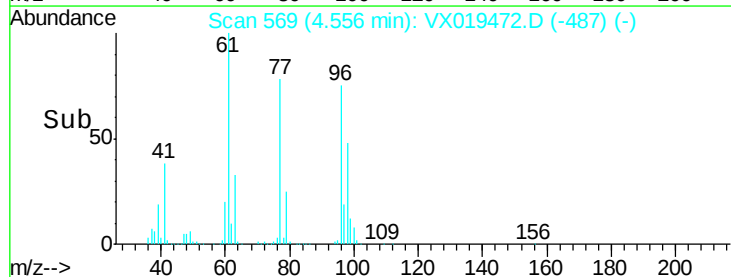
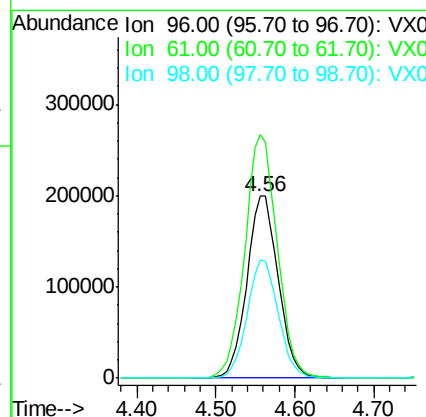
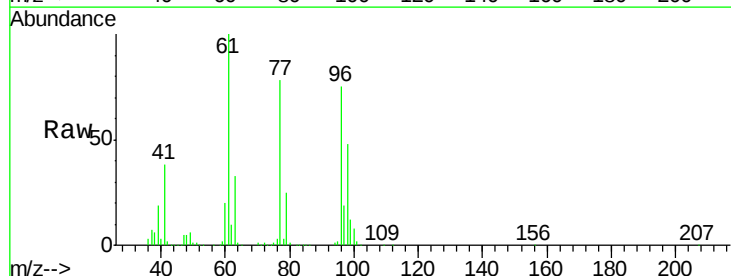
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

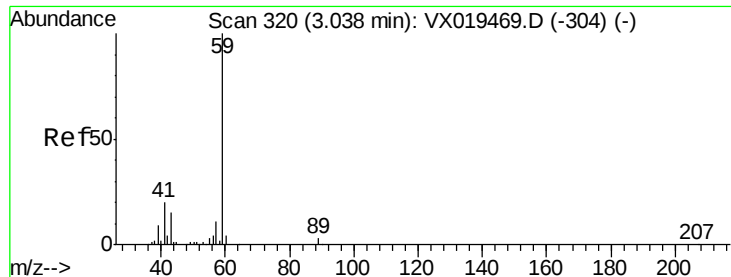
Tgt Ion: 63 Resp: 827564
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.2
 100 5.1 2.4 7.1



#22
 cis-1,2-Dichloroethene
 Concen: 159.033 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Tgt Ion: 96 Resp: 550581
 Ion Ratio Lower Upper
 96 100
 61 138.5 114.2 171.2
 98 64.7 51.7 77.5



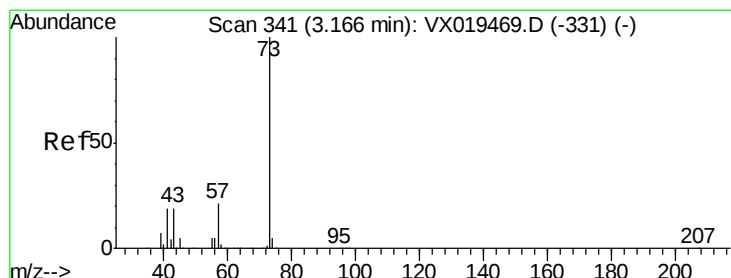
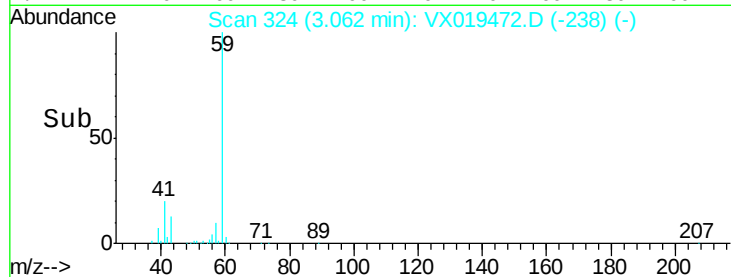
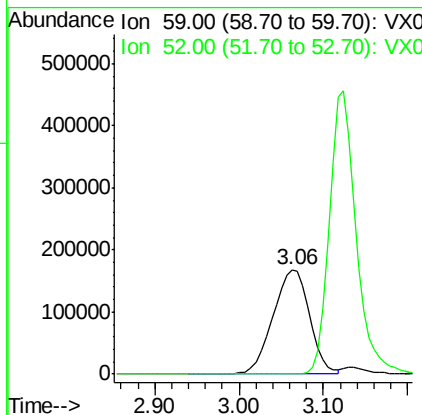
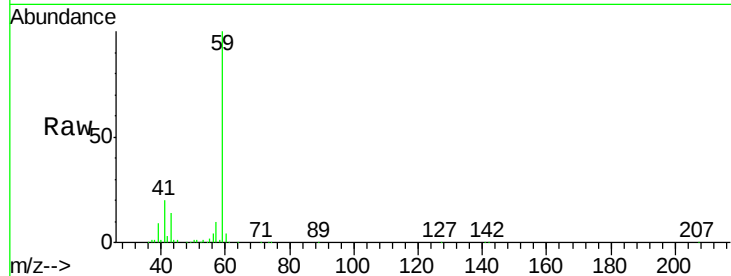


#23

tert-Butyl Alcohol
 Concen: 830.426 ug/l
 RT: 3.06 min Scan# 324
 Delta R.T. 0.02 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

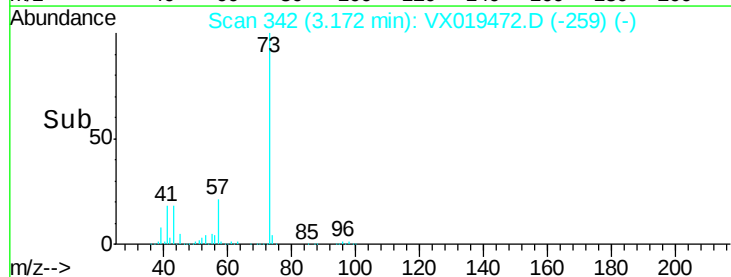
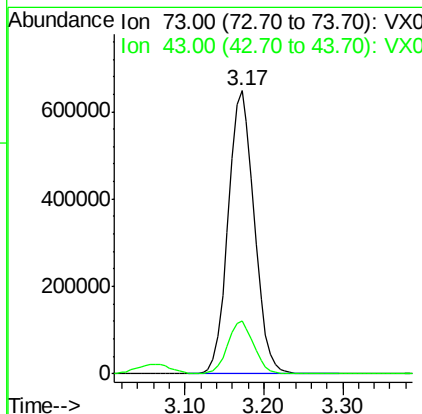
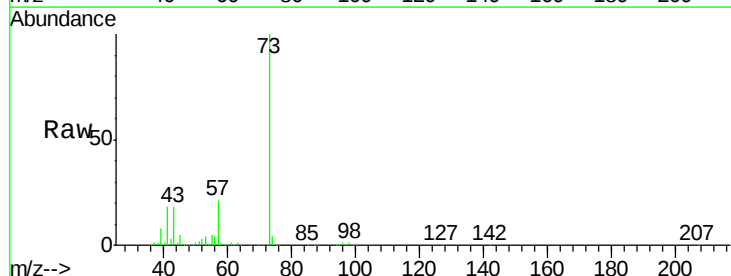
Tgt Ion: 59 Resp: 507349
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

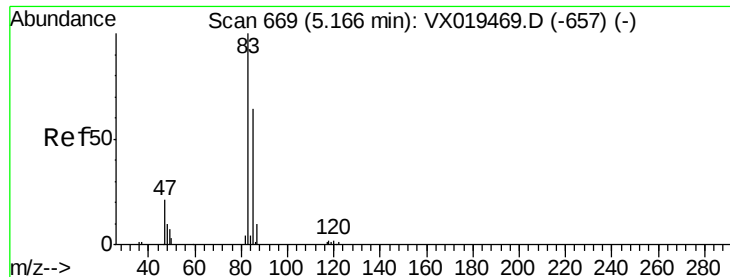


#24

Methyl tert-Butyl Ether
 Concen: 179.377 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Tgt Ion: 73 Resp: 1490165
 Ion Ratio Lower Upper
 73 100
 43 18.5 15.0 22.6





#25

Chloroform

Concen: 161.630 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

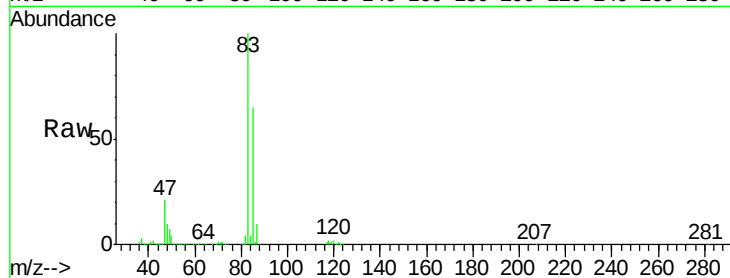
VSTDIC150

Tgt Ion: 83 Resp: 862309

Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.18

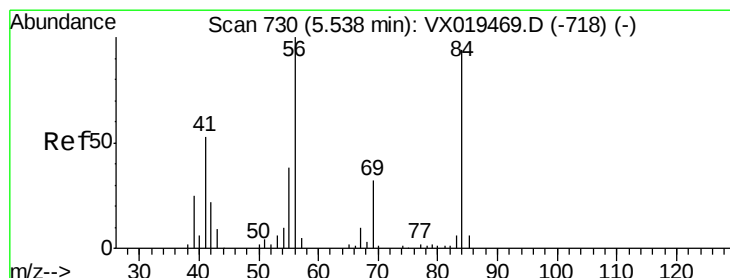
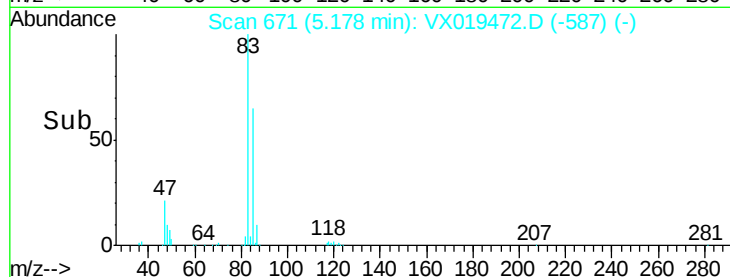
300000

200000

100000

0

Time--> 5.00 5.10 5.20 5.30



#26

Cyclohexane

Concen: 186.842 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

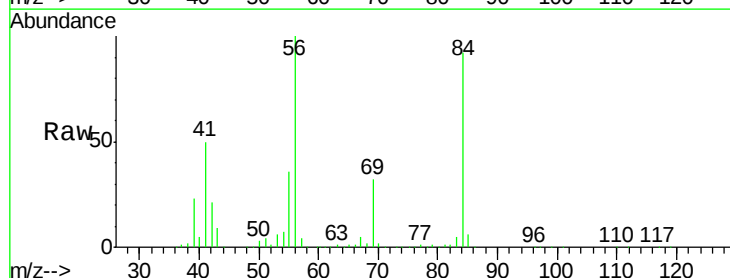
Tgt Ion: 56 Resp: 719428

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 93.3 75.2 112.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

400000

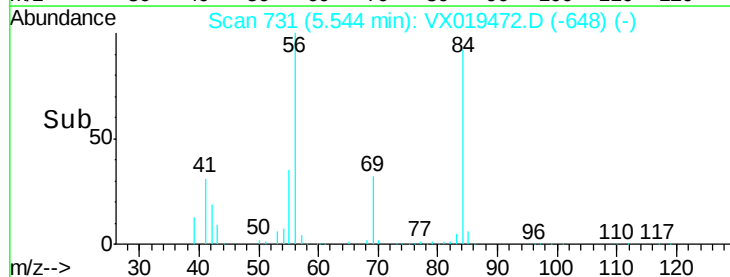
300000

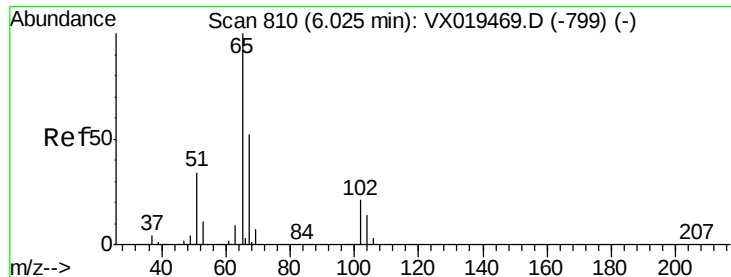
200000

100000

0

Time--> 5.40 5.50 5.60





#27

1,2-Dichloroethane-d4

Concen: 32.229 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

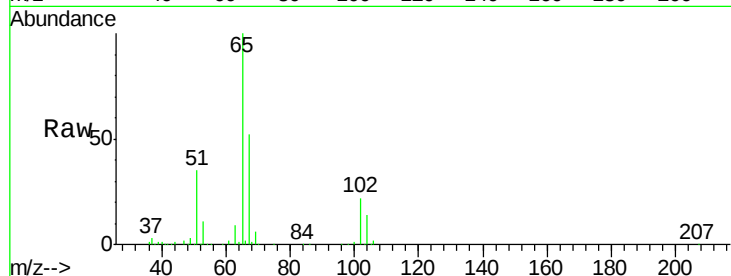
VSTDIC150

Tgt Ion: 65 Resp: 107252

Ion Ratio Lower Upper

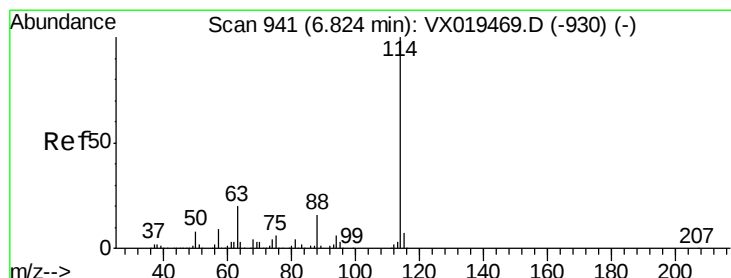
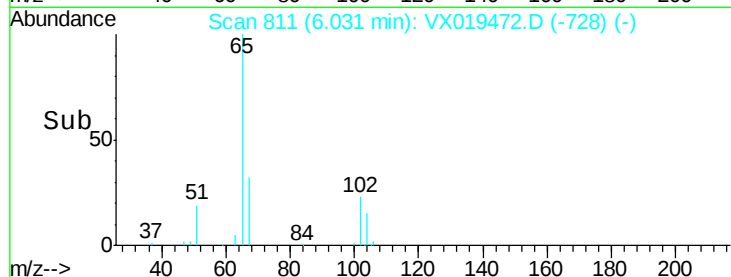
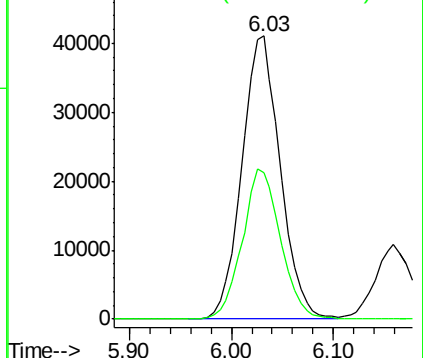
65 100

67 52.9 42.2 63.2



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

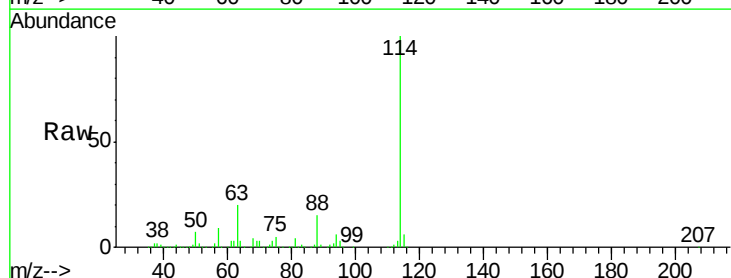
Tgt Ion: 114 Resp: 277684

Ion Ratio Lower Upper

114 100

63 20.1 16.2 24.2

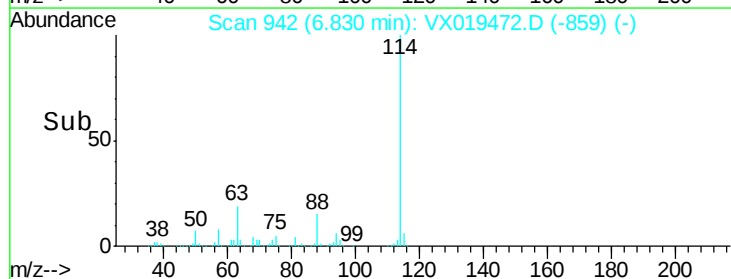
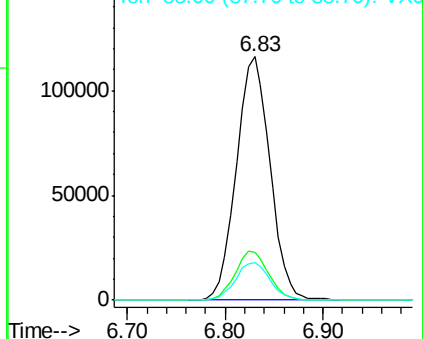
88 15.8 12.9 19.3

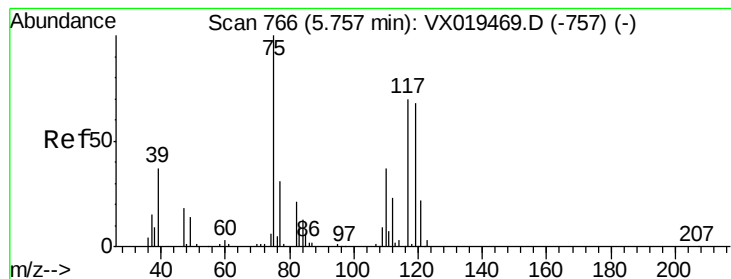


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 159.718 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

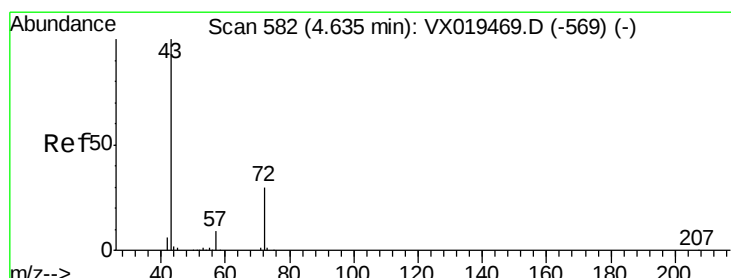
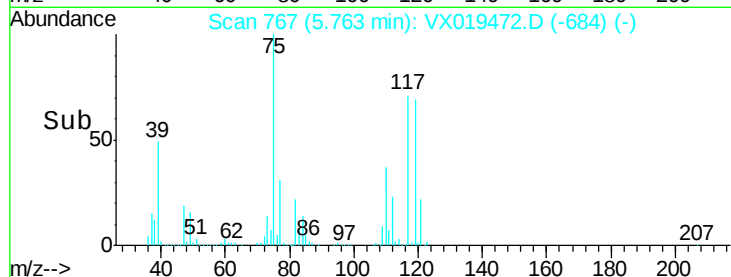
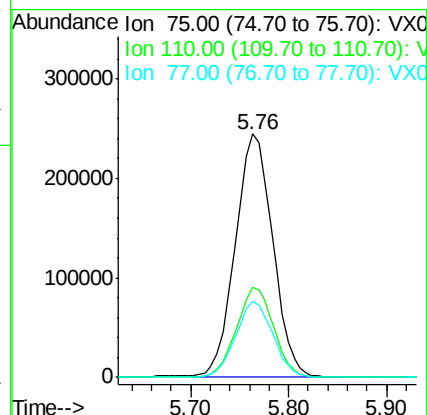
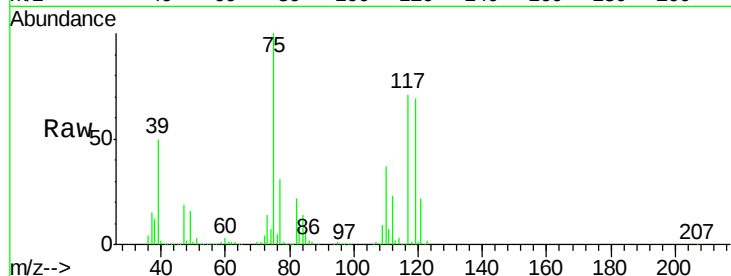
Tgt Ion: 75 Resp: 649717

Ion Ratio Lower Upper

75 100

110 36.8 0.0 74.0

77 31.0 0.0 63.6



#30

2-Butanone

Concen: 913.408 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

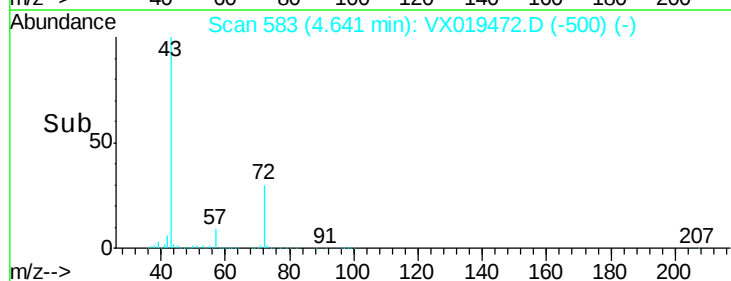
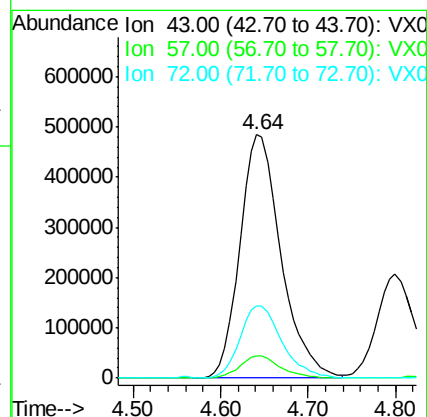
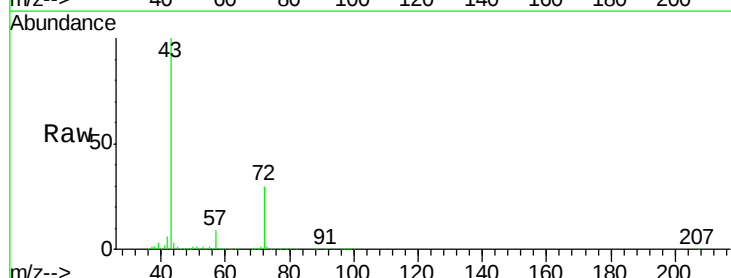
Tgt Ion: 43 Resp: 1576634

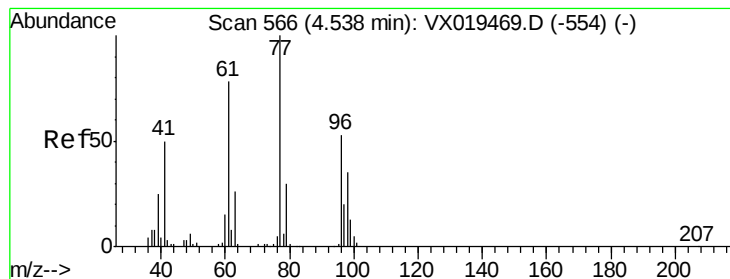
Ion Ratio Lower Upper

43 100

57 9.0 7.4 11.0

72 30.5 24.2 36.2





#31

2,2-Dichloropropane

Concen: 157.279 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

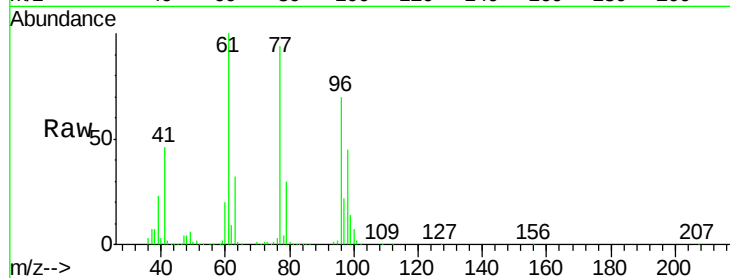
VSTDIC150

Tgt Ion: 77 Resp: 731988

Ion Ratio Lower Upper

77 100

97 23.2 18.6 27.8



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

4.55

250000

200000

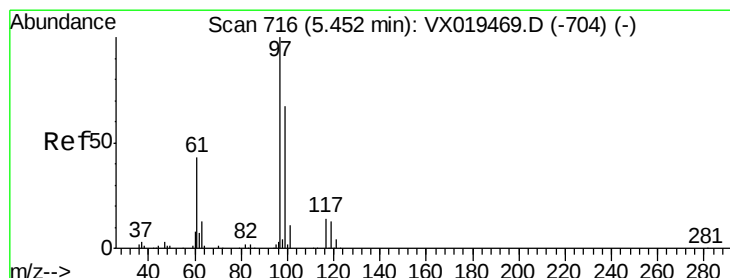
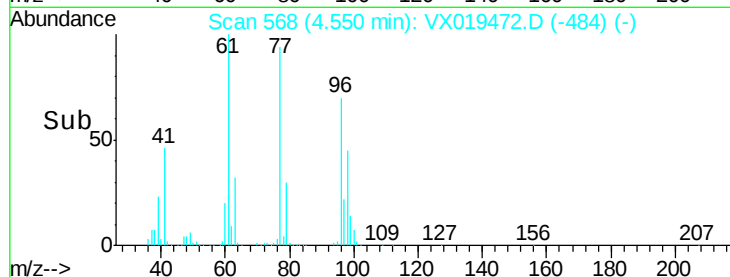
150000

100000

50000

0

Time-->



#32

1,1,1-Trichloroethane

Concen: 155.609 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

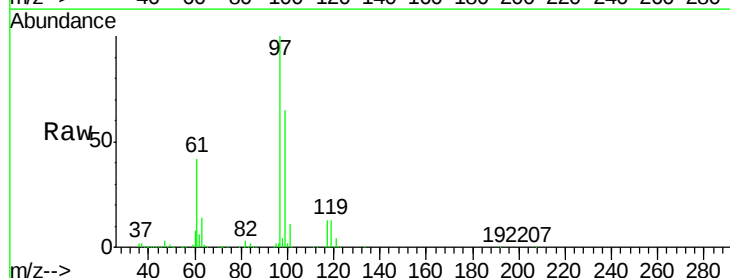
Tgt Ion: 97 Resp: 759325

Ion Ratio Lower Upper

97 100

99 64.3 52.3 78.5

61 42.1 34.9 52.3



Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

5.46

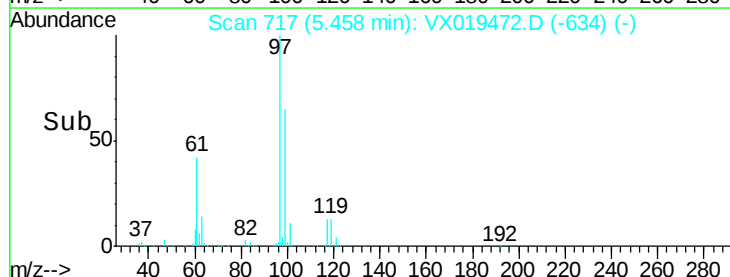
300000

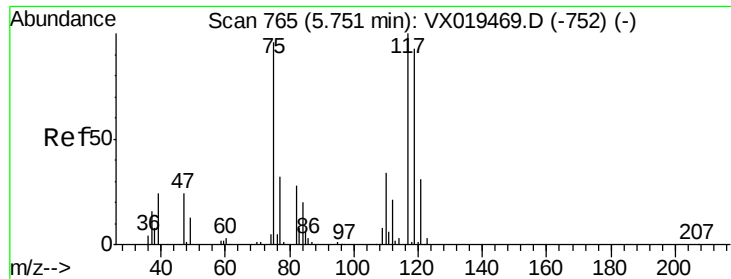
200000

100000

0

Time-->

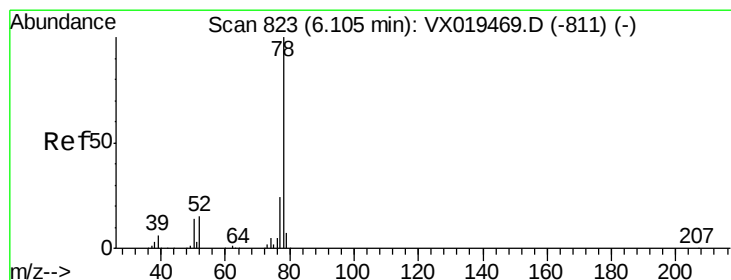
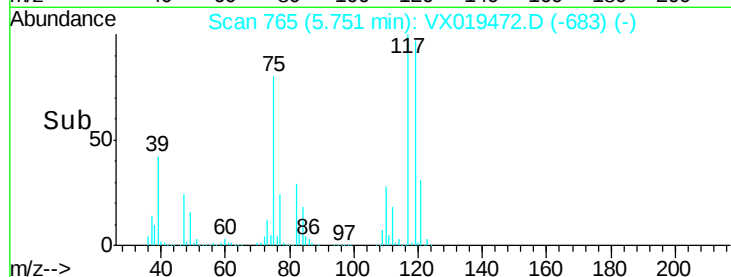
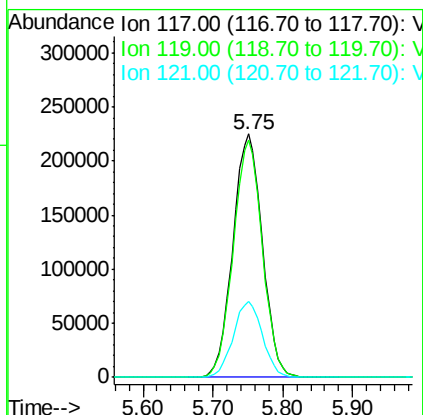
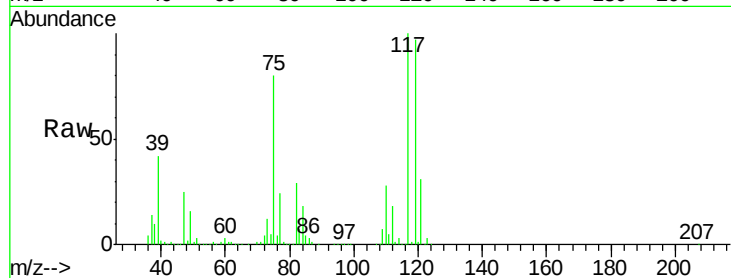




#33
Carbon Tetrachloride
Concen: 155.432 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

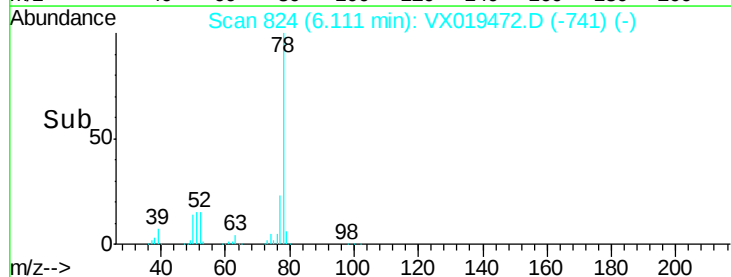
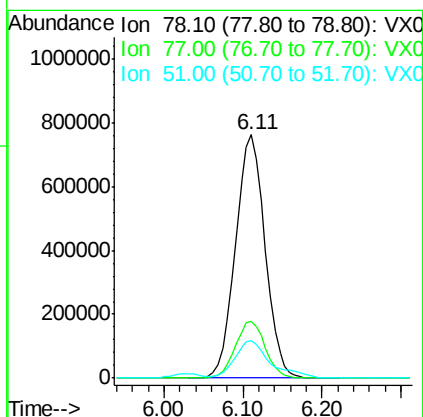
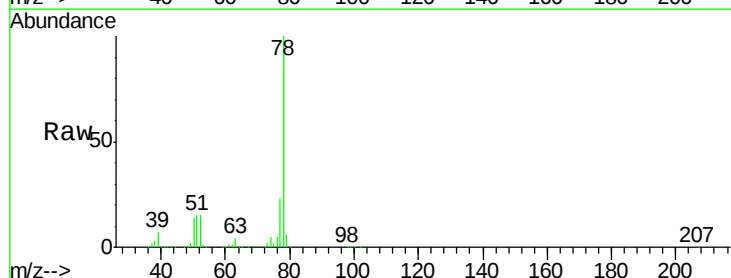
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

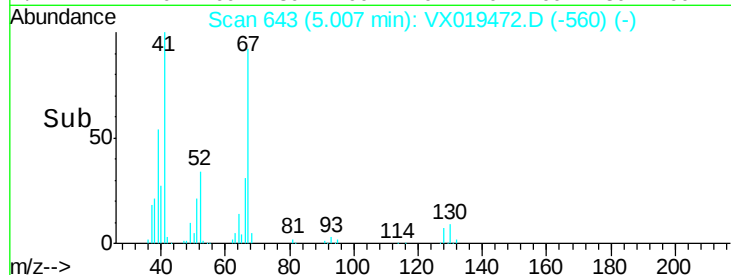
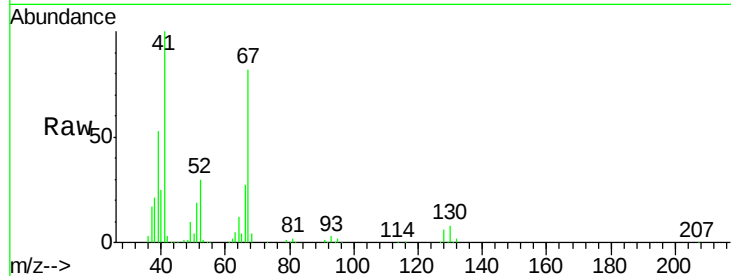
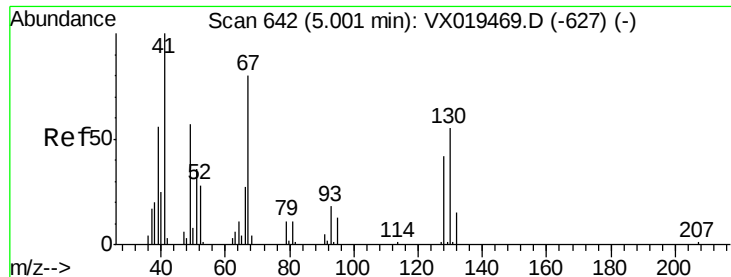
Tgt Ion:117 Resp: 656365
Ion Ratio Lower Upper
117 100
119 97.3 74.2 111.4
121 31.1 25.0 37.4



#34
Benzene
Concen: 162.751 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion: 78 Resp: 1981415
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6
51 15.2 12.7 19.1

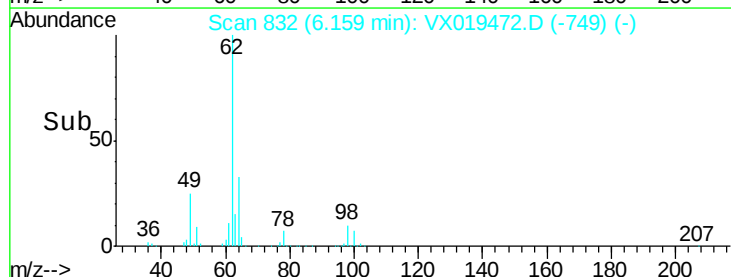
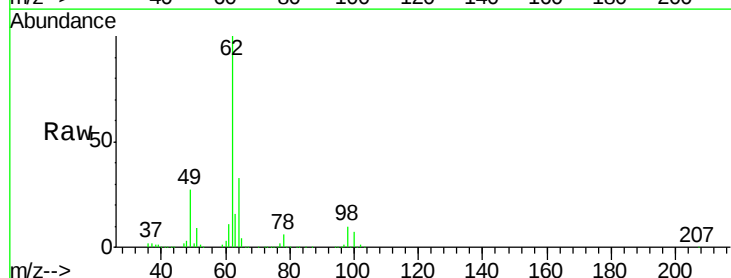
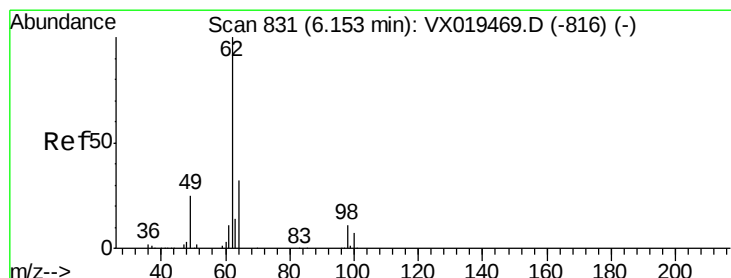
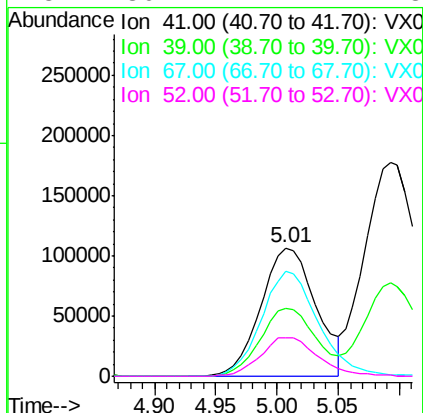




#35
Methacrylonitrile
Concen: 183.860 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

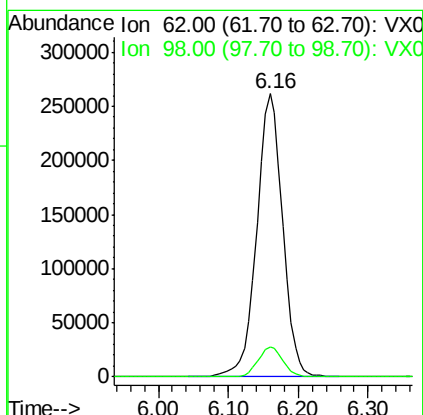
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

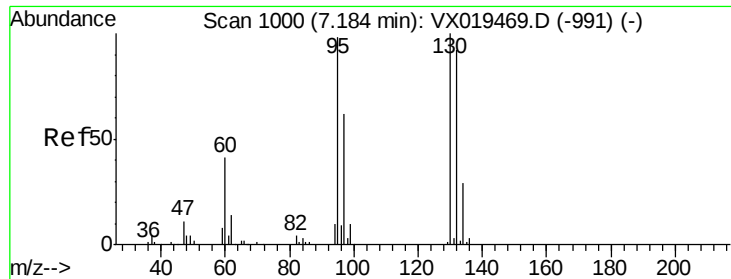
Tgt Ion:	41	Resp:	334898
Ion	Ratio	Lower	Upper
41	100		
39	53.3	28.0	84.0
67	82.2	40.0	119.9
52	30.2	14.2	42.8



#36
1,2-Dichloroethane
Concen: 160.334 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion:	62	Resp:	671738
Ion	Ratio	Lower	Upper
62	100		
98	10.2	8.1	12.1





#37

Trichloroethene

Concen: 153.407 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

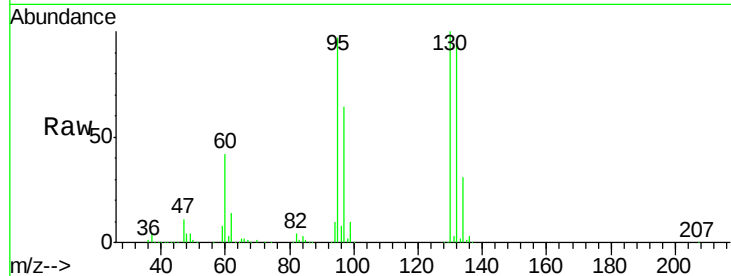
VSTDIC150

Tgt Ion:130 Resp: 528812

Ion Ratio Lower Upper

130 100

95 96.9 78.8 118.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.18

250000

200000

150000

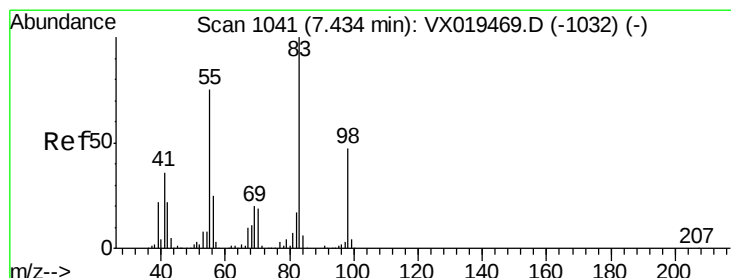
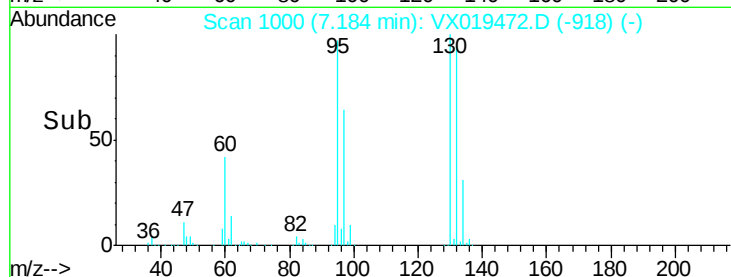
100000

50000

0

Time-->

7.10 7.20 7.30



#38

Methylcyclohexane

Concen: 171.653 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

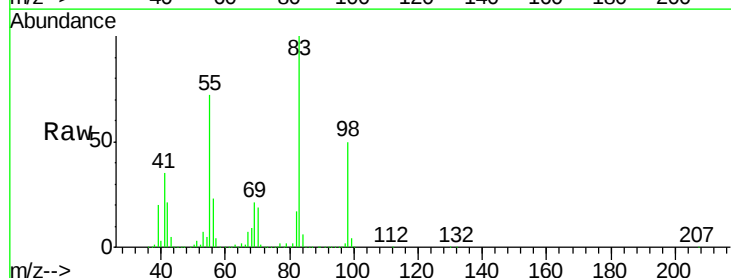
Tgt Ion: 83 Resp: 796047

Ion Ratio Lower Upper

83 100

55 73.3 37.7 113.1

98 49.4 24.7 74.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.44

500000

400000

300000

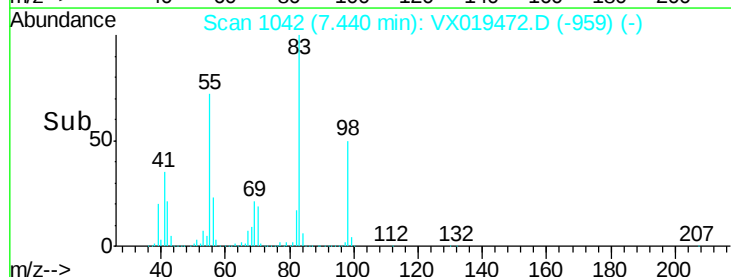
200000

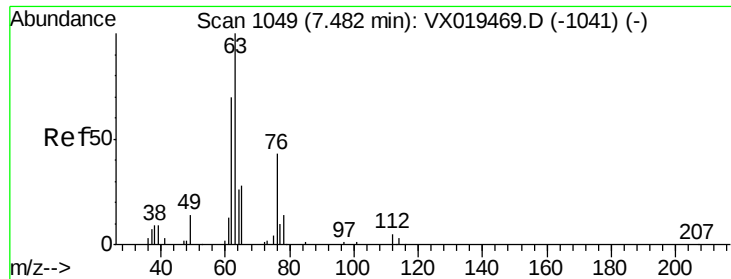
100000

0

Time-->

7.30 7.40 7.50





#39

1,2-Dichloropropane

Concen: 171.524 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

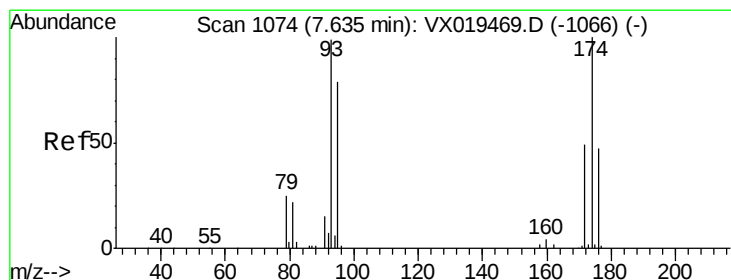
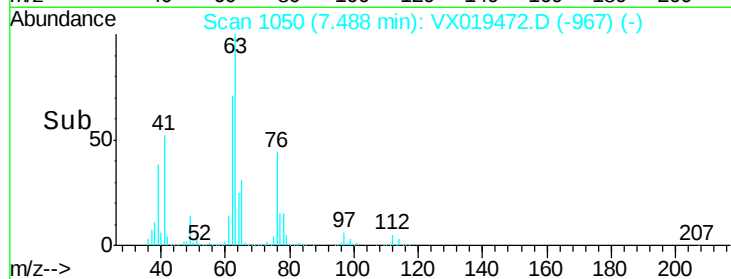
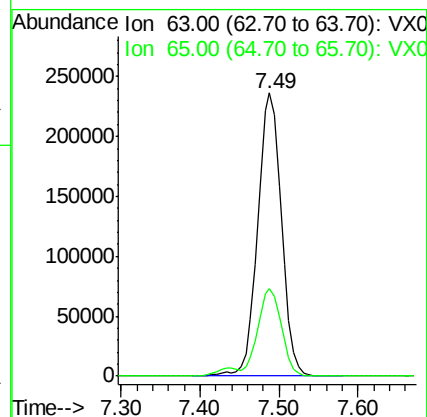
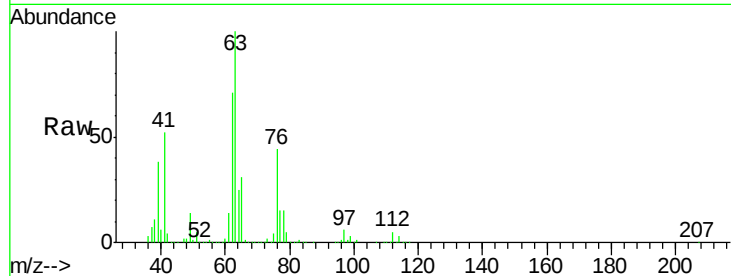
VSTDIC150

Tgt Ion: 63 Resp: 494281

Ion Ratio Lower Upper

63 100

65 30.9 24.8 37.2



#40

Dibromomethane

Concen: 155.528 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

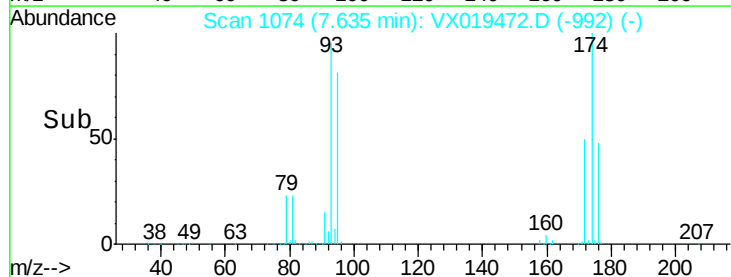
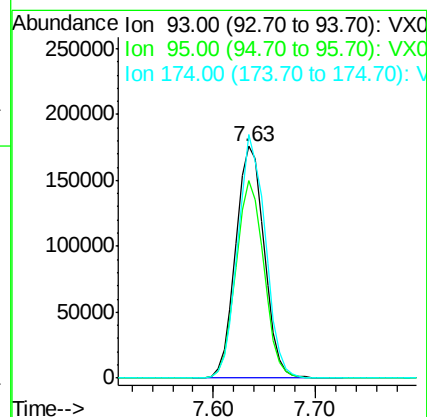
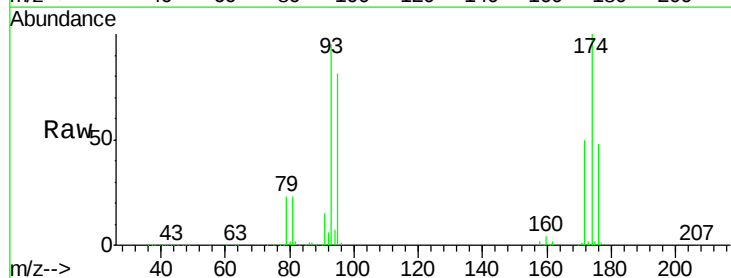
Tgt Ion: 93 Resp: 340146

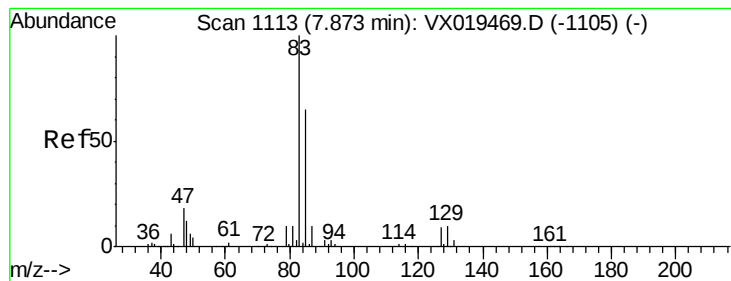
Ion Ratio Lower Upper

93 100

95 83.4 0.0 162.4

174 101.5 0.0 198.8





#41

Bromodichloromethane

Concen: 161.177 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

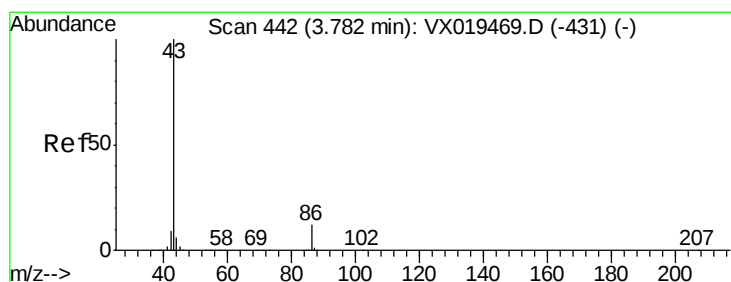
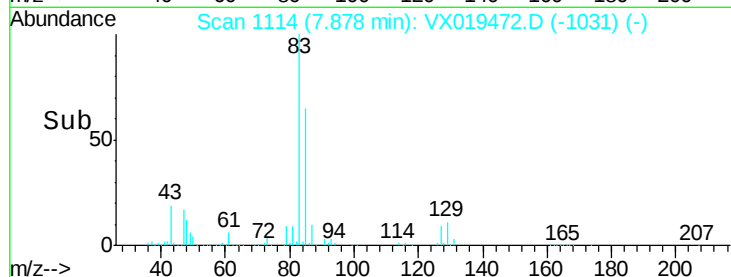
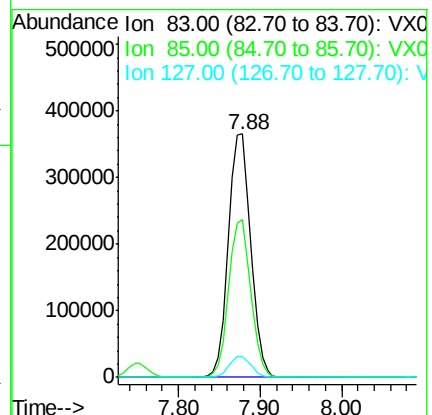
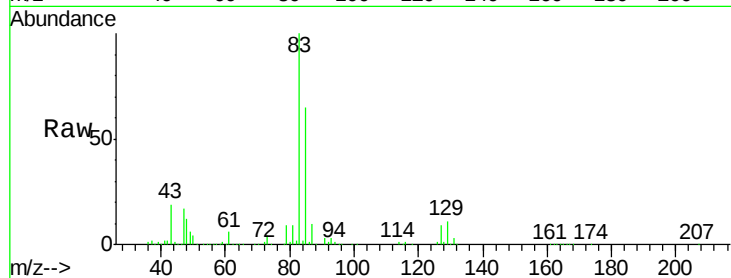
Tgt Ion: 83 Resp: 691393

Ion Ratio Lower Upper

83 100

85 64.6 51.7 77.5

127 8.6 7.0 10.6



#42

Vinyl Acetate

Concen: 925.413 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019472.D

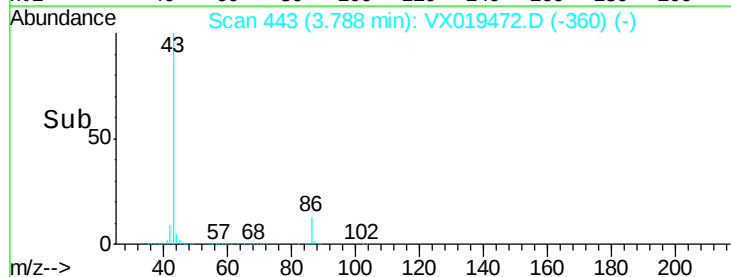
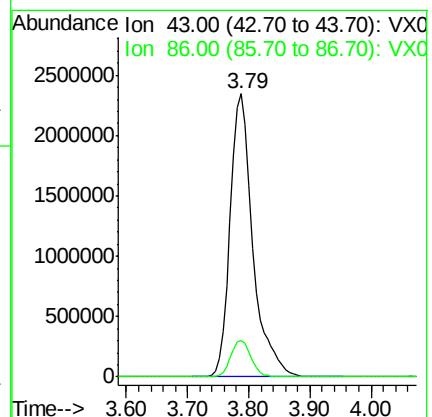
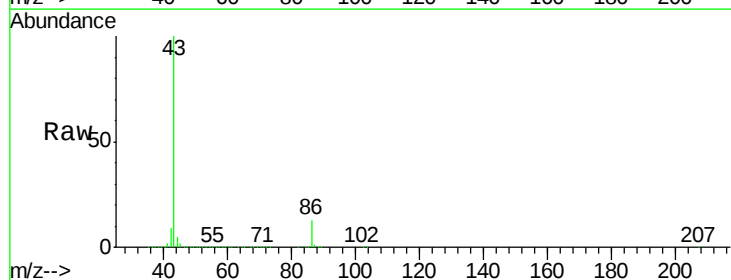
Acq: 19 Nov 2020 17:45

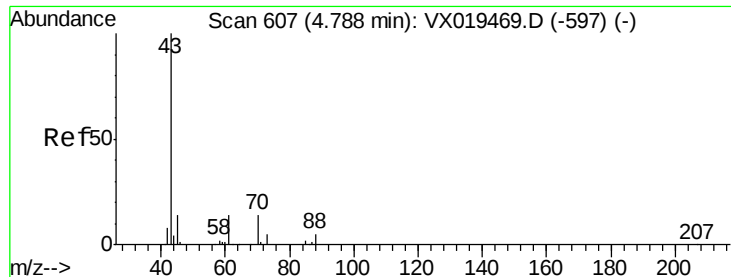
Tgt Ion: 43 Resp: 6037731

Ion Ratio Lower Upper

43 100

86 11.6 8.8 13.2

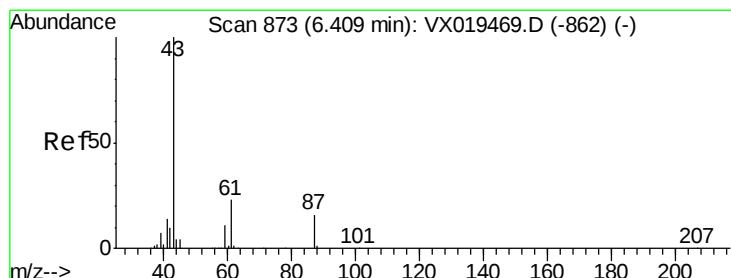
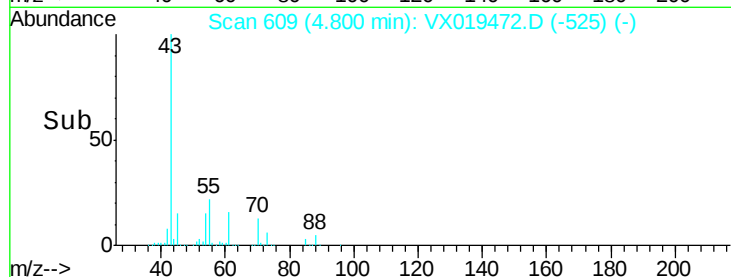
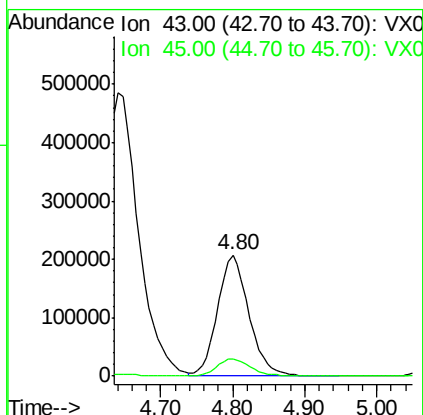
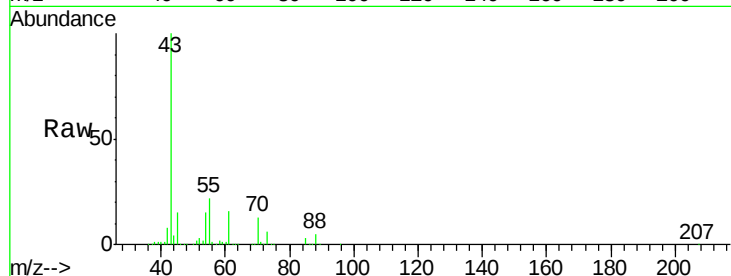




#43
Ethyl Acetate
Concen: 178.529 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

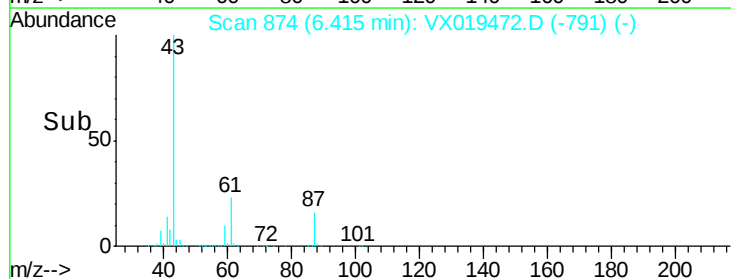
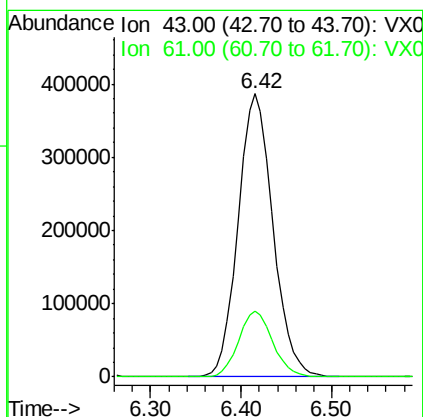
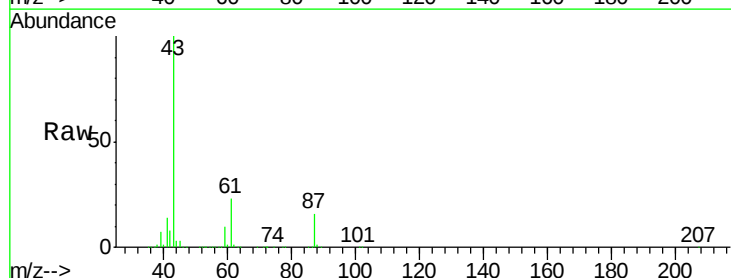
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

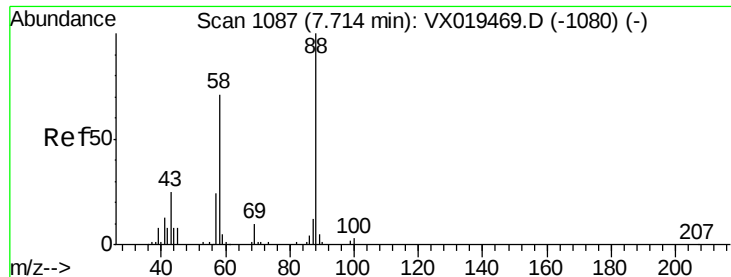
Tgt Ion: 43 Resp: 628487
Ion Ratio Lower Upper
43 100
45 14.9 12.9 19.3



#44
Isopropyl Acetate
Concen: 175.018 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion: 43 Resp: 1026420
Ion Ratio Lower Upper
43 100
61 23.1 18.1 27.1





#45

1,4-Dioxane

Concen: 3665.271 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

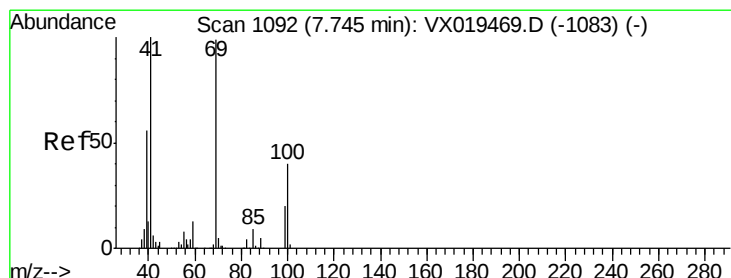
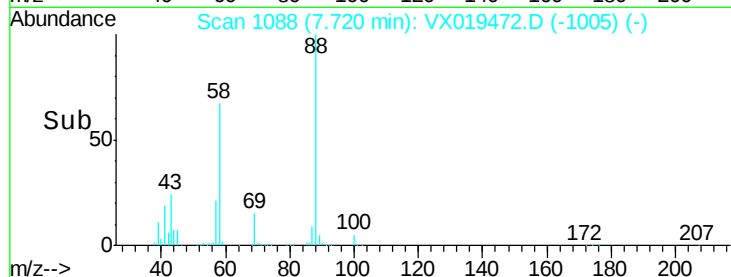
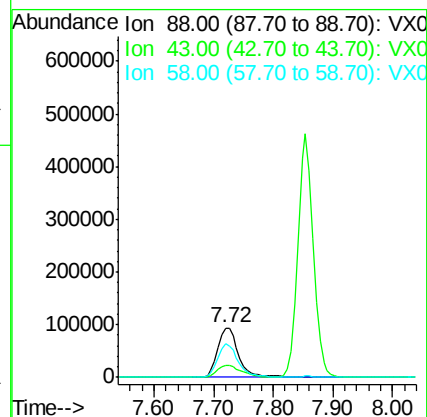
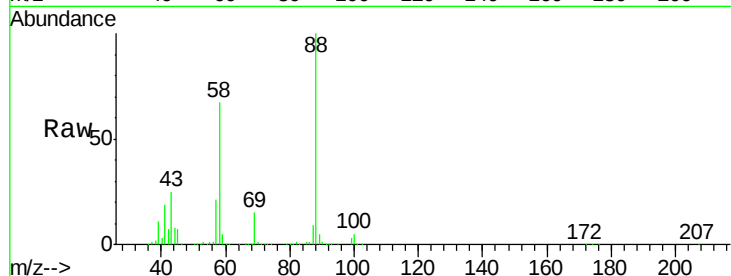
Tgt Ion: 88 Resp: 228500

Ion Ratio Lower Upper

88 100

43 27.8 24.2 36.4

58 66.6 56.6 84.8



#46

Methyl methacrylate

Concen: 182.256 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

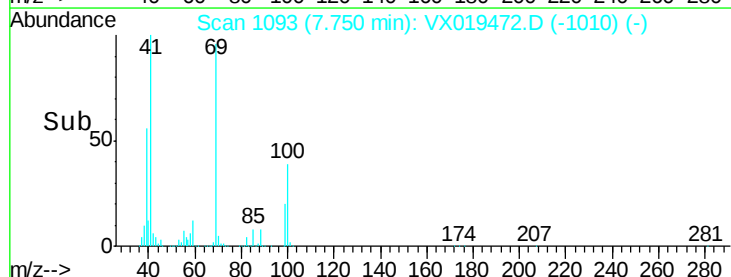
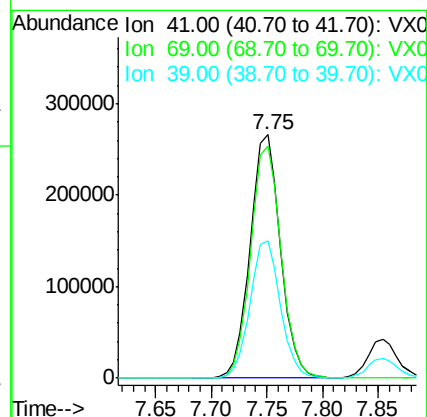
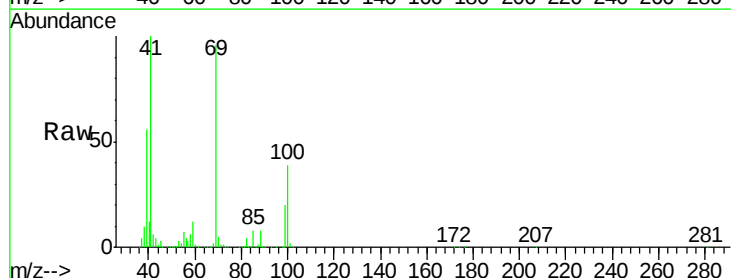
Tgt Ion: 41 Resp: 506574

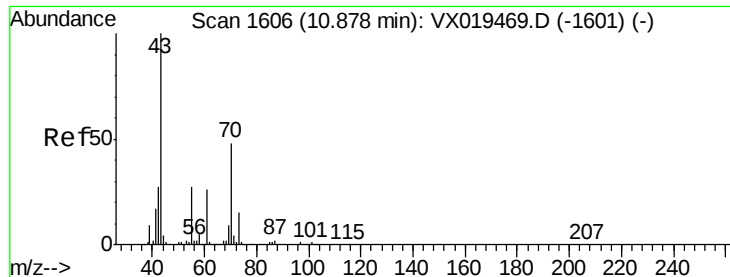
Ion Ratio Lower Upper

41 100

69 95.6 49.7 149.1

39 56.3 28.1 84.4

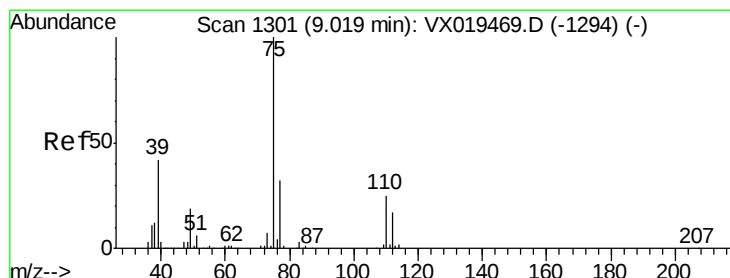
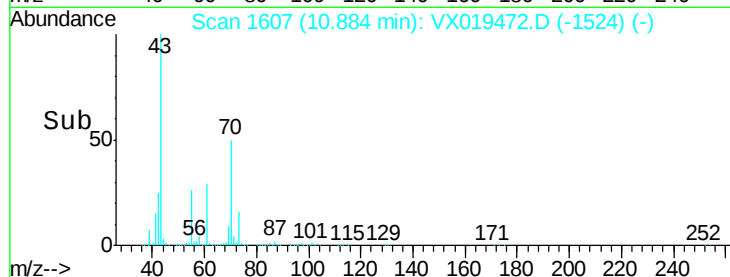
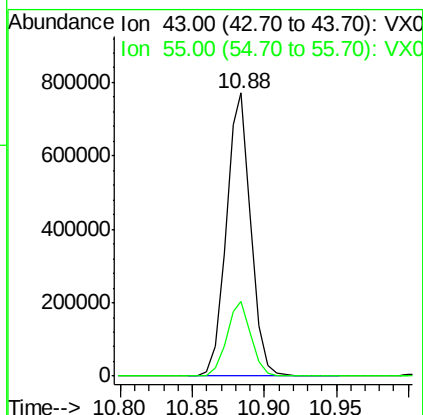
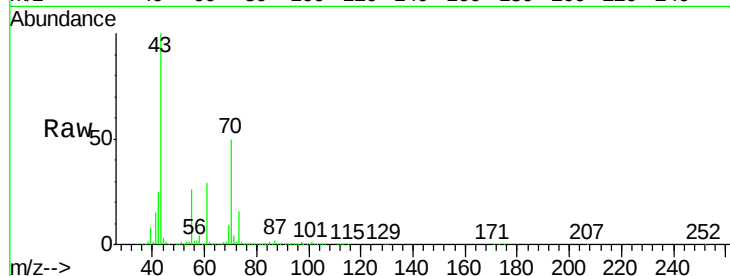




#47
n-amy1 Acetate
Concen: 193.757 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

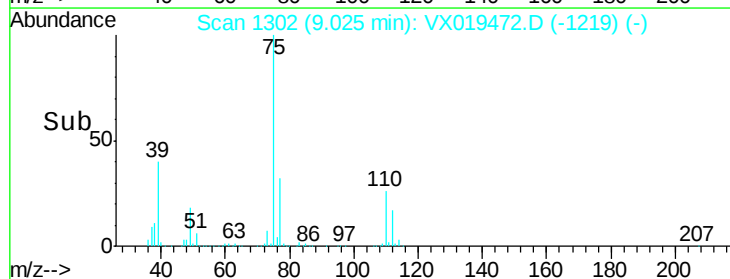
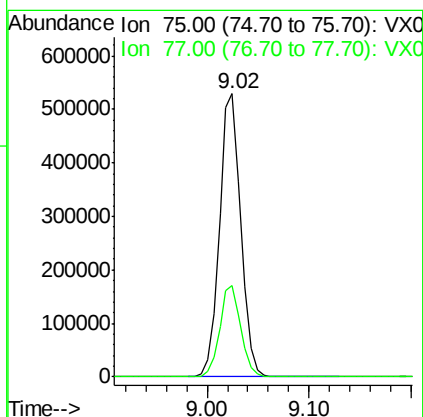
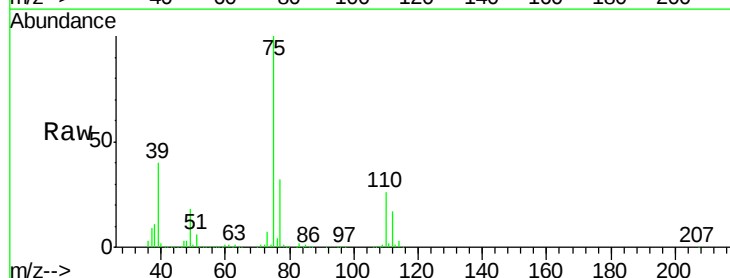
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

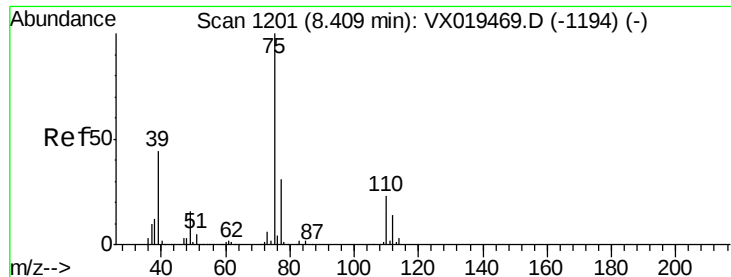
Tgt Ion: 43 Resp: 915535
Ion Ratio Lower Upper
43 100
55 26.2 22.8 34.2



#48
t-1,3-Dichloropropene
Concen: 161.670 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion: 75 Resp: 771100
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2



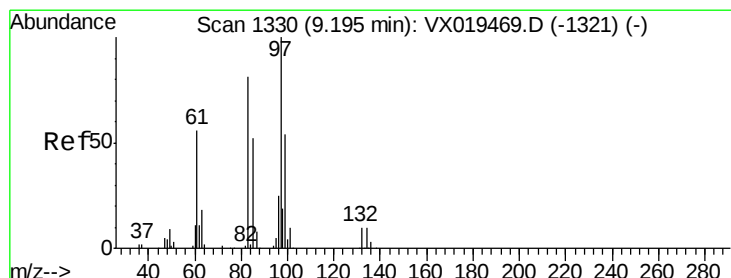
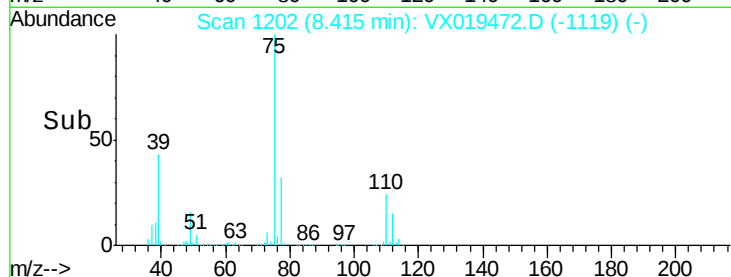
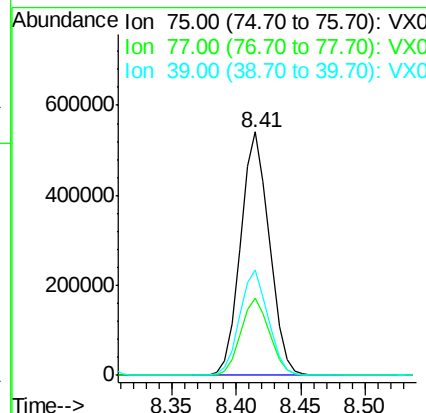
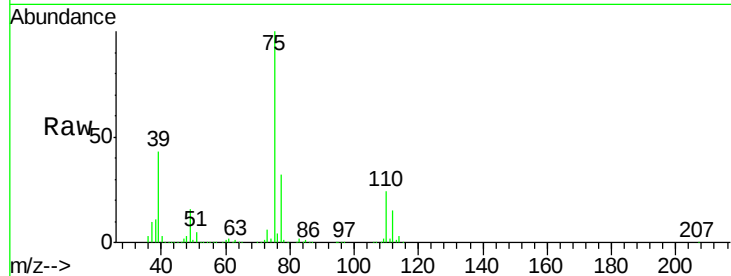


#49

cis-1,3-Dichloropropene
Concen: 163.866 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

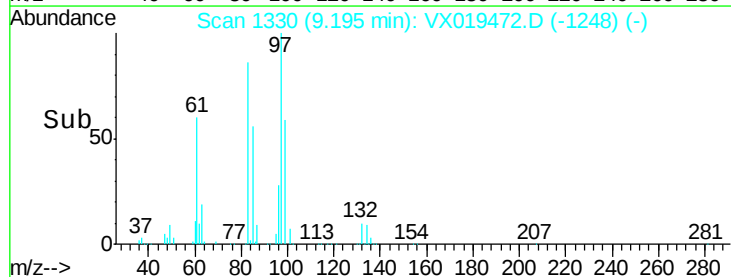
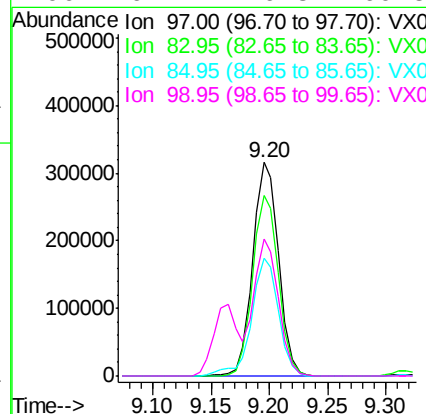
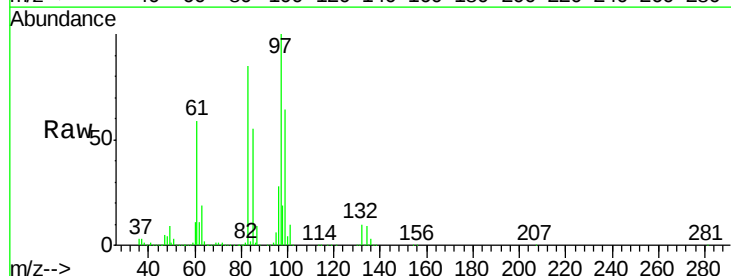
Tgt Ion: 75 Resp: 836517
Ion Ratio Lower Upper
75 100
77 31.7 24.7 37.1
39 43.2 35.3 52.9

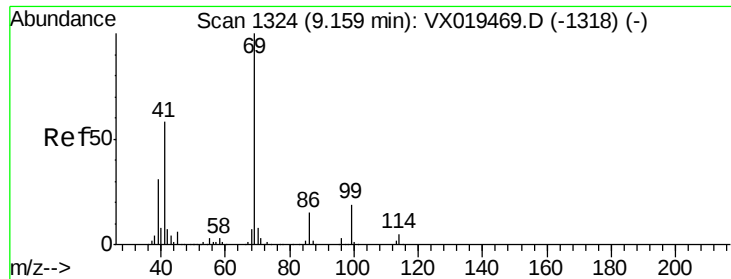


#50

1,1,2-Trichloroethane
Concen: 152.446 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion: 97 Resp: 488423
Ion Ratio Lower Upper
97 100
83 84.6 64.8 97.2
85 54.9 41.8 62.8
99 64.2 46.3 69.5





#51

Ethyl methacrylate

Concen: 168.837 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

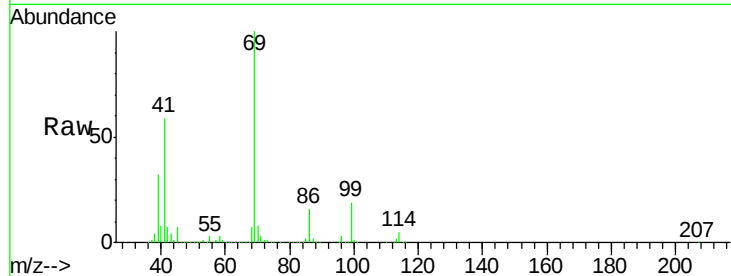
Tgt Ion: 69 Resp: 774921

Ion Ratio Lower Upper

69 100

41 59.2 29.0 87.1

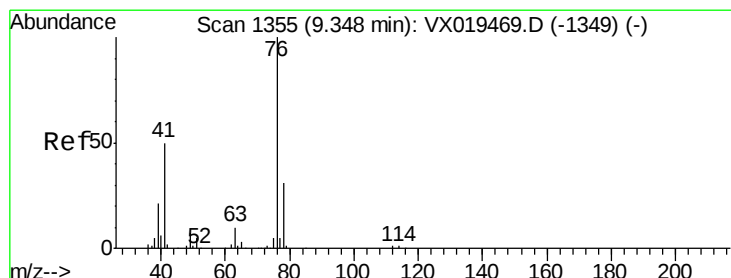
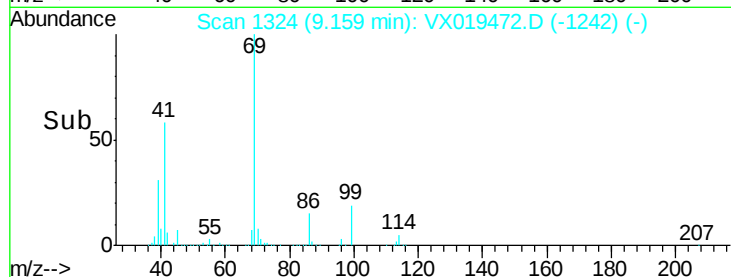
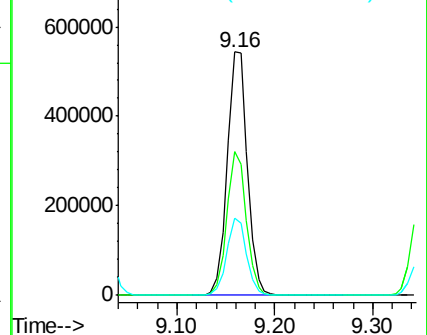
39 31.9 15.4 46.4



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 157.227 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.01 min

Lab File: VX019472.D

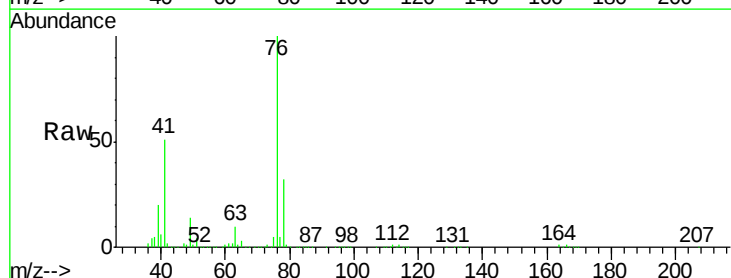
Acq: 19 Nov 2020 17:45

Tgt Ion: 76 Resp: 819783

Ion Ratio Lower Upper

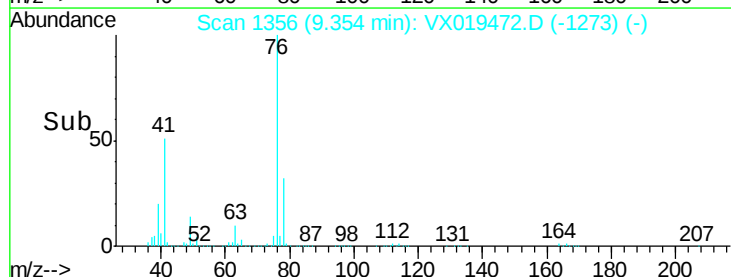
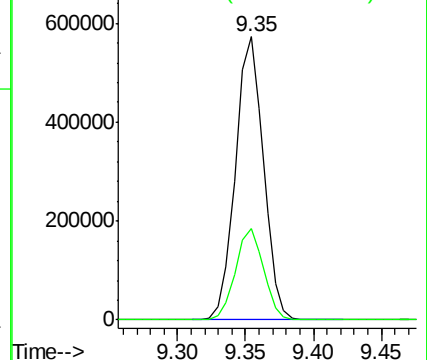
76 100

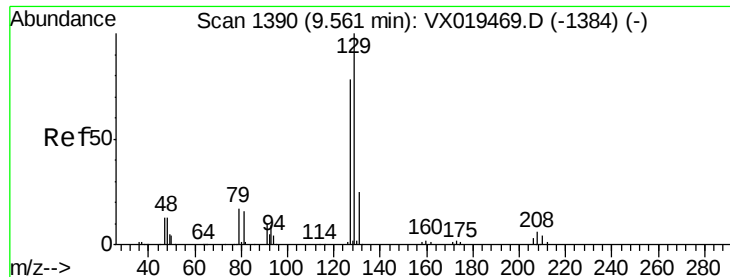
78 32.5 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 152.086 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

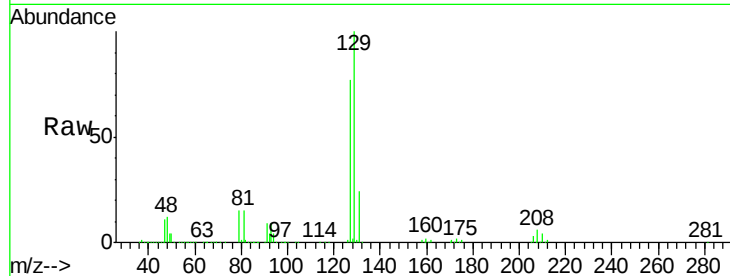
VSTDIC150

Tgt Ion:129 Resp: 529401

Ion Ratio Lower Upper

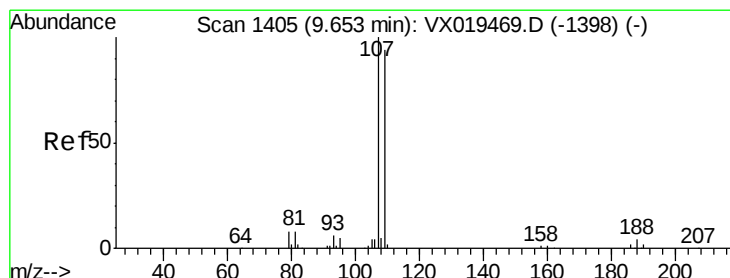
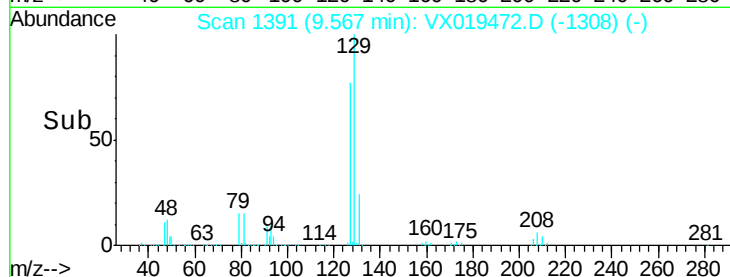
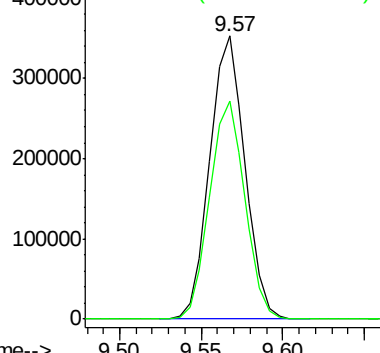
129 100

127 77.5 38.0 114.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 150.246 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019472.D

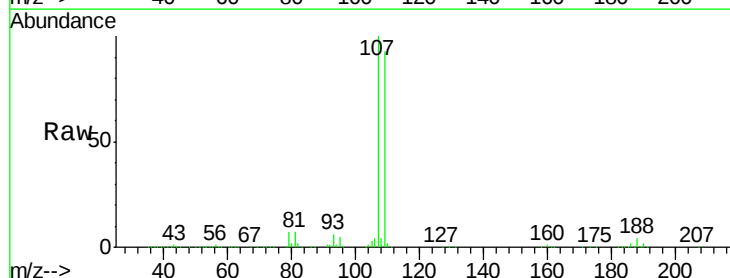
Acq: 19 Nov 2020 17:45

Tgt Ion:107 Resp: 515908

Ion Ratio Lower Upper

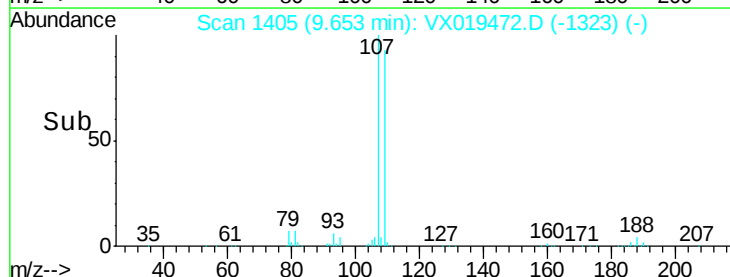
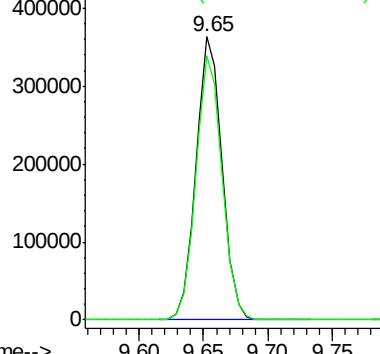
107 100

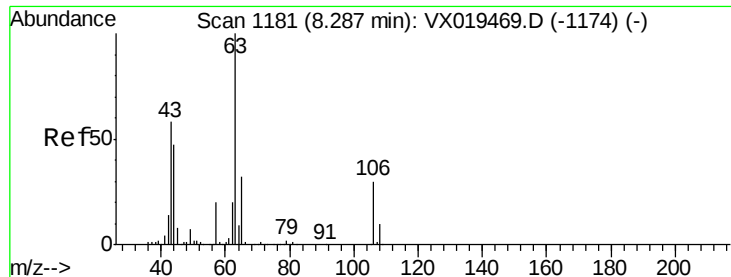
109 93.8 74.2 111.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

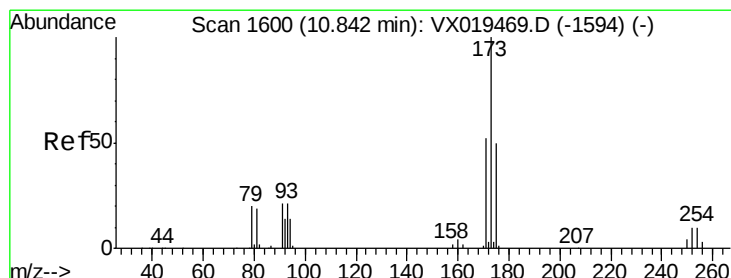
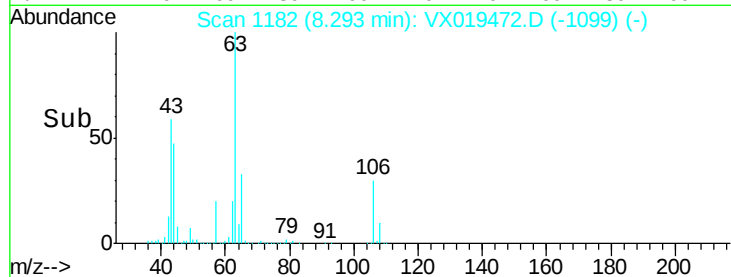
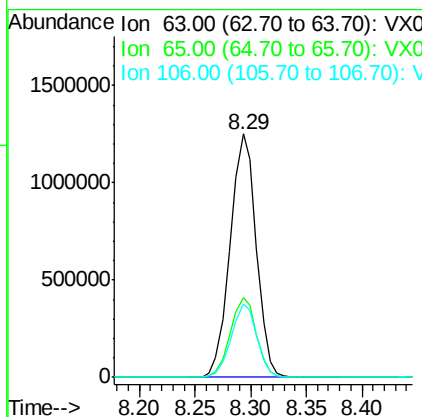
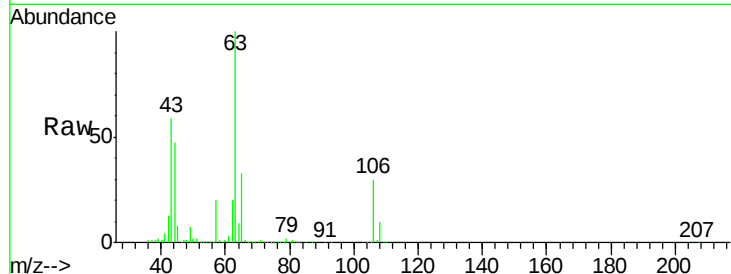




#55
 2-Chloroethyl vinyl ether
 Concen: 835.864 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

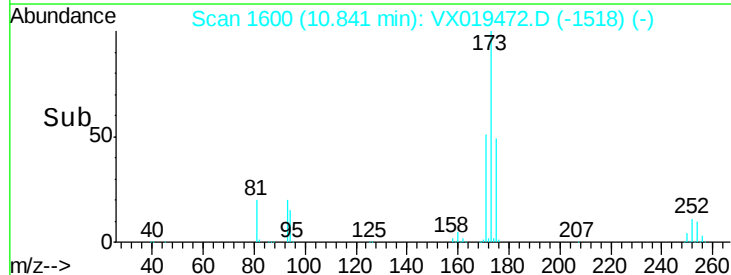
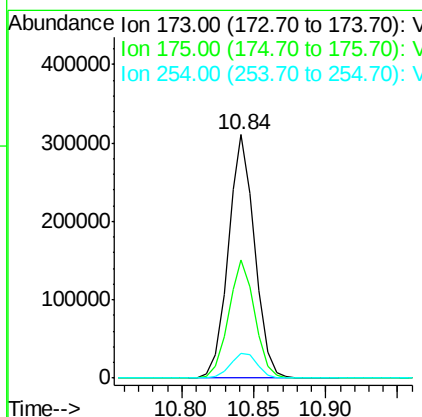
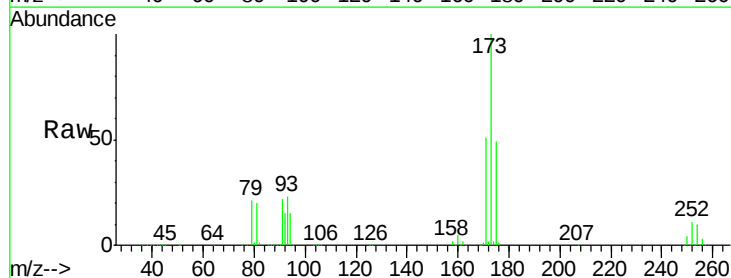
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

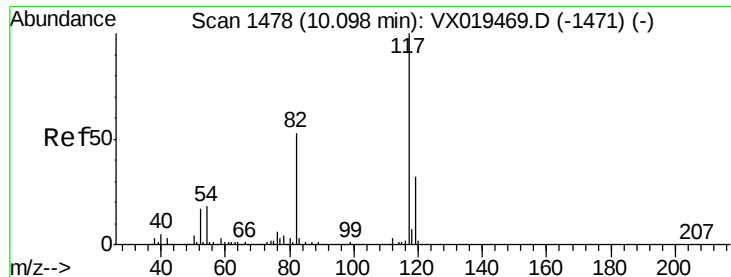
Tgt Ion: 63 Resp: 2027905
 Ion Ratio Lower Upper
 63 100
 65 32.7 25.7 38.5
 106 30.0 24.2 36.4



#56
 Bromoform
 Concen: 162.730 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Tgt Ion: 173 Resp: 395438
 Ion Ratio Lower Upper
 173 100
 175 48.7 39.7 59.5
 254 10.5 8.0 12.0

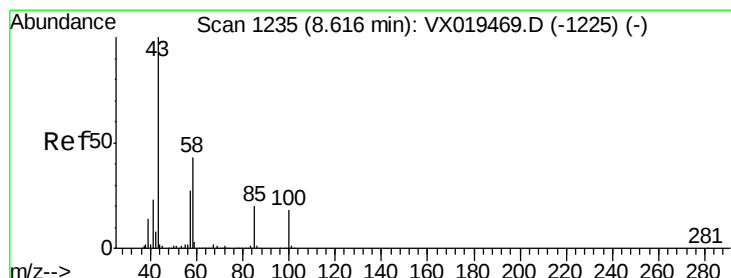
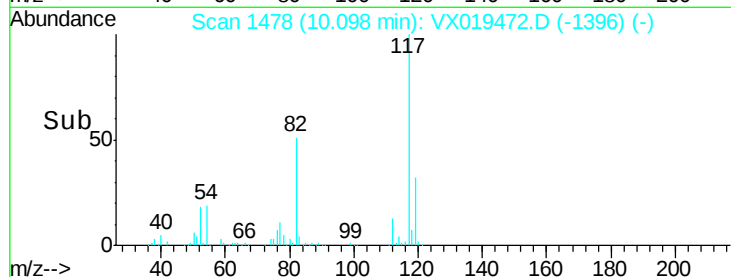
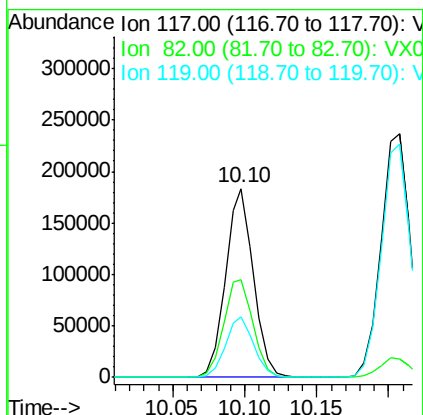
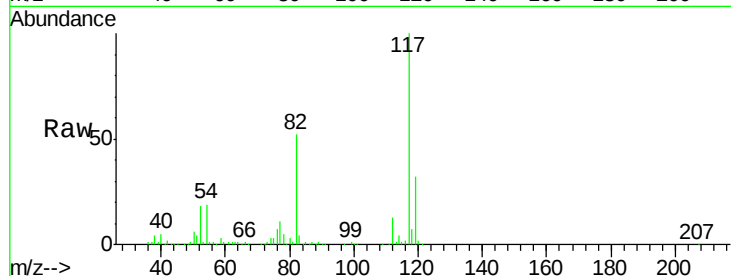




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

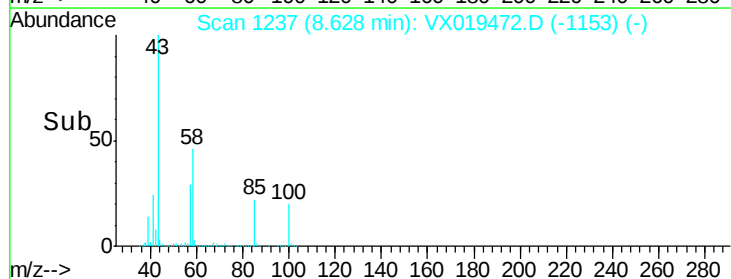
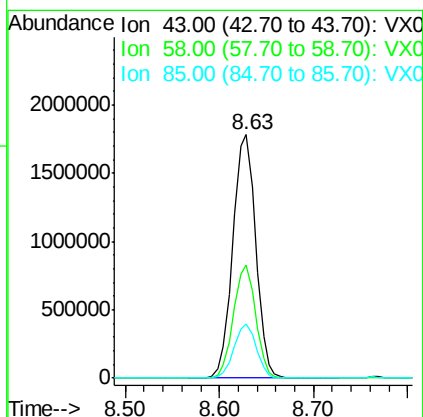
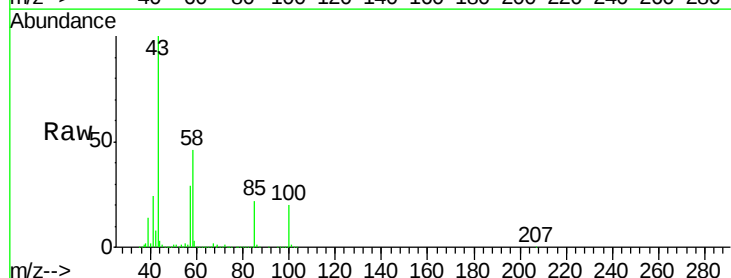
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

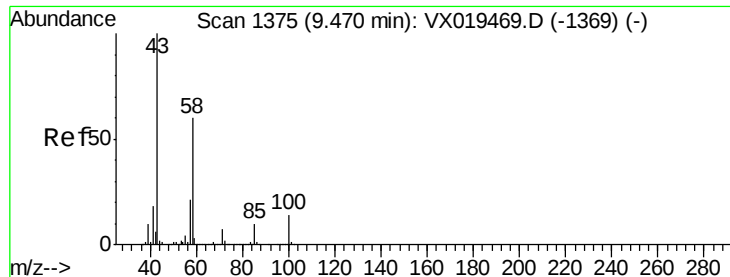
Tgt Ion: 117 Resp: 247302
Ion Ratio Lower Upper
117 100
82 54.5 44.5 66.7
119 32.4 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 906.825 ug/l
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion: 43 Resp: 3021816
Ion Ratio Lower Upper
43 100
58 45.1 35.1 52.7
85 21.6 16.7 25.1

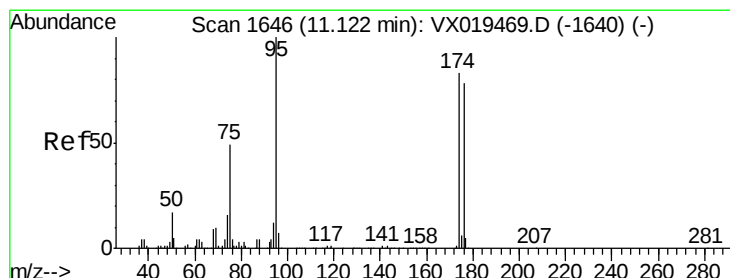
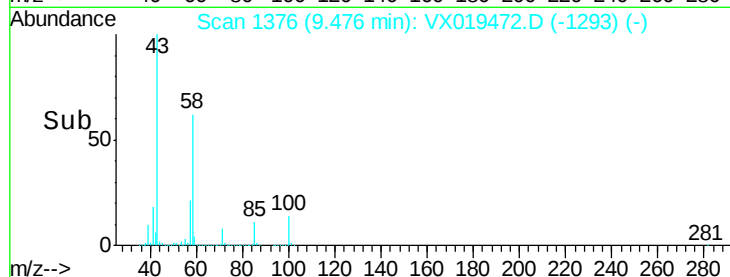
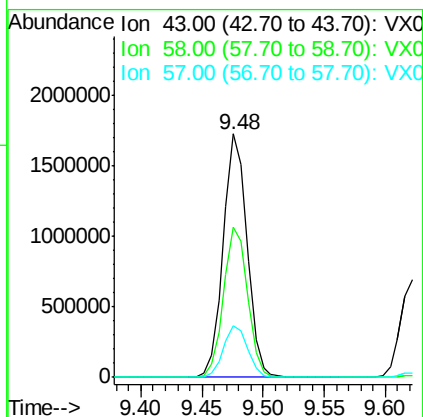
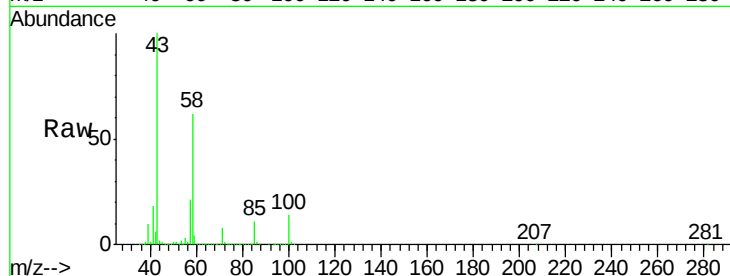




#59
2-Hexanone
Concen: 936.657 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

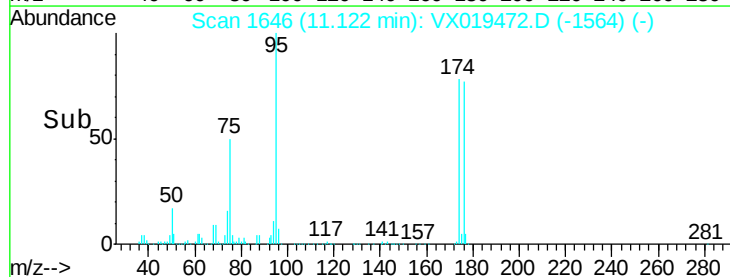
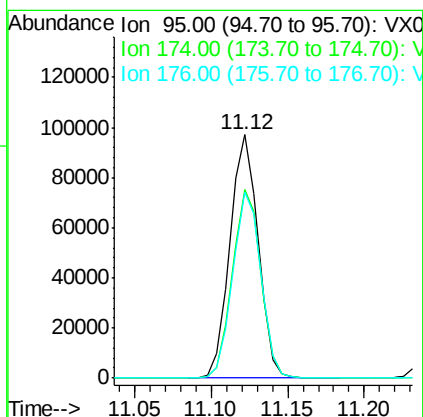
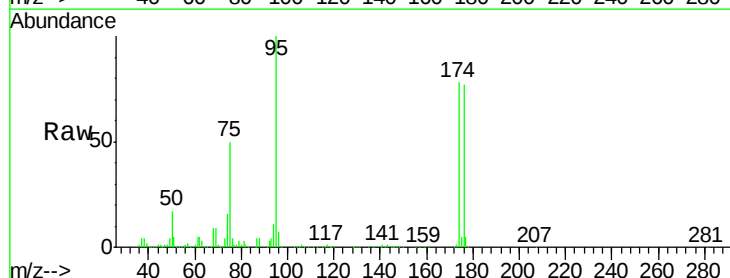
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

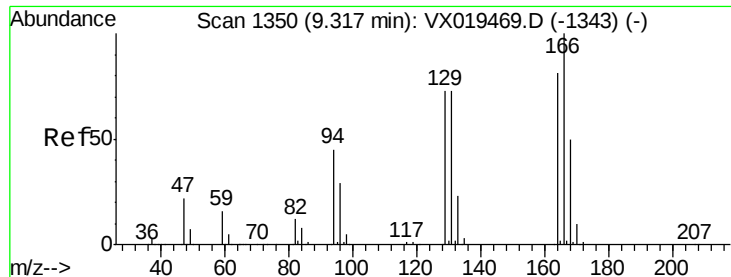
Tgt Ion: 43 Resp: 2334974
Ion Ratio Lower Upper
43 100
58 62.0 49.0 73.6
57 21.5 17.0 25.4



#60
4-Bromofluorobenzene
Concen: 32.761 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion: 95 Resp: 123726
Ion Ratio Lower Upper
95 100
174 78.1 63.5 95.3
176 76.5 59.8 89.6





#61

Tetrachloroethene

Concen: 148.841 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:164 Resp: 459143

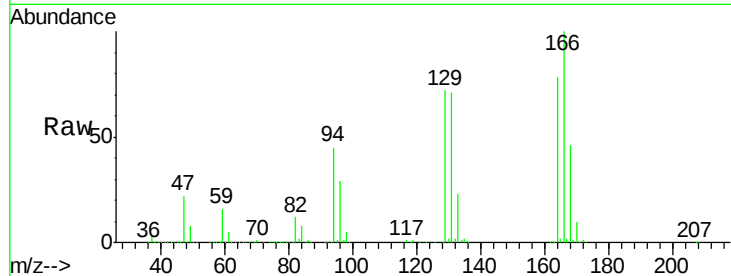
Ion Ratio Lower Upper

164 100

166 128.1 99.4 149.0

129 92.4 72.6 108.8

131 90.3 72.6 108.8

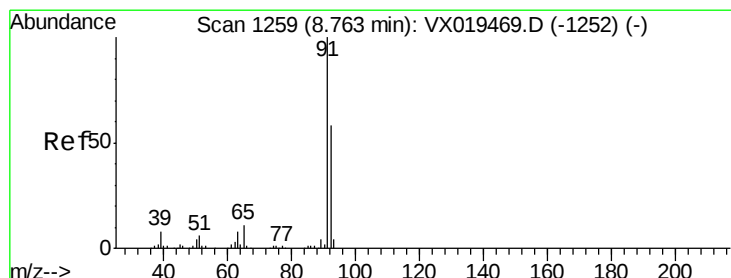
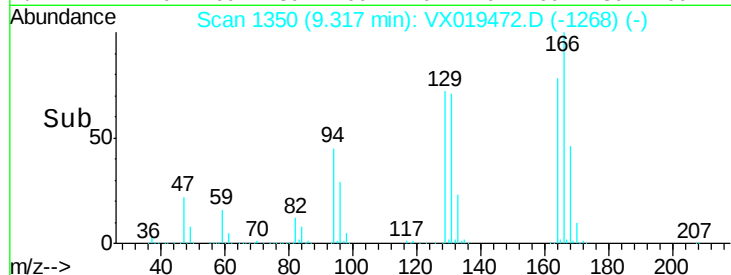
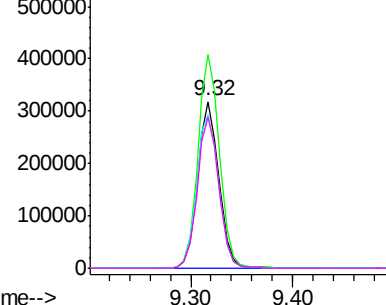


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 156.855 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019472.D

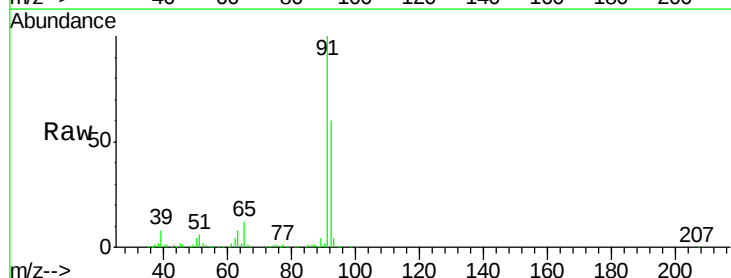
Acq: 19 Nov 2020 17:45

Tgt Ion: 91 Resp: 2107155

Ion Ratio Lower Upper

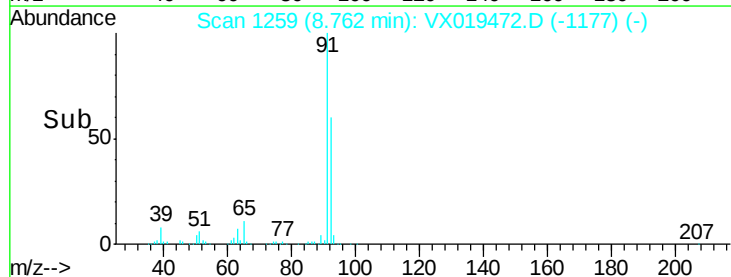
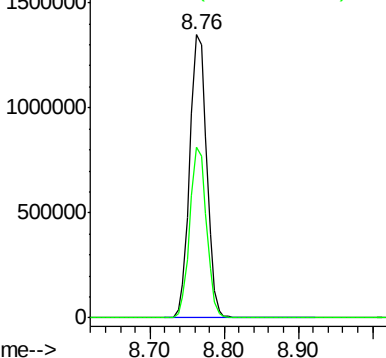
91 100

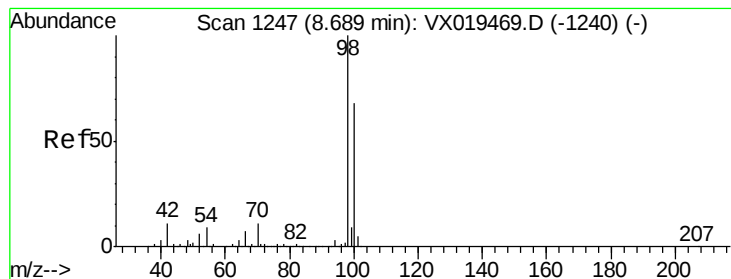
92 59.2 47.4 71.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.276 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

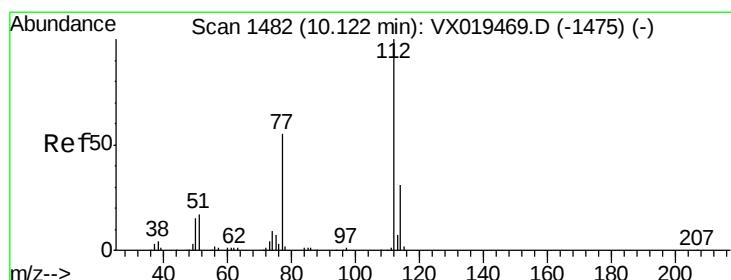
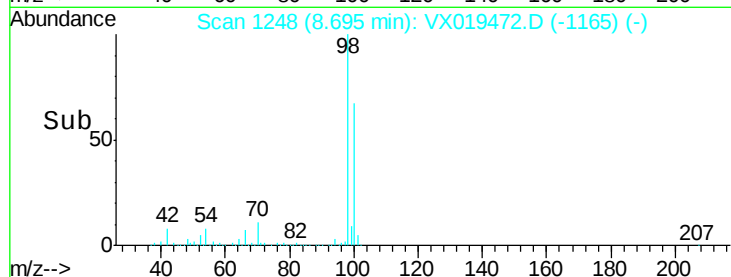
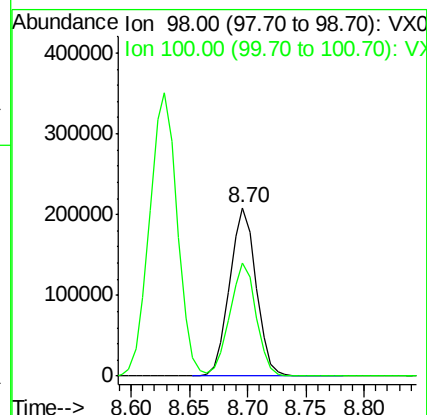
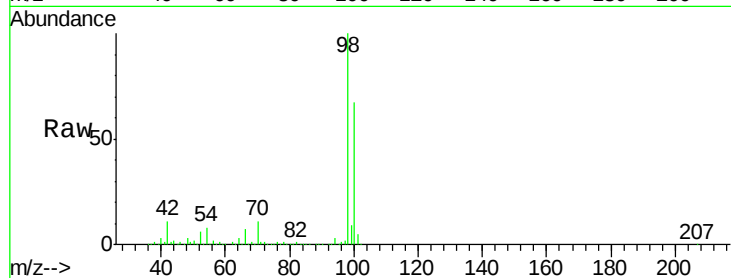
VSTDIC150

Tgt Ion: 98 Resp: 330582

Ion Ratio Lower Upper

98 100

100 66.6 53.6 80.4



#64

Chlorobenzene

Concen: 151.452 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019472.D

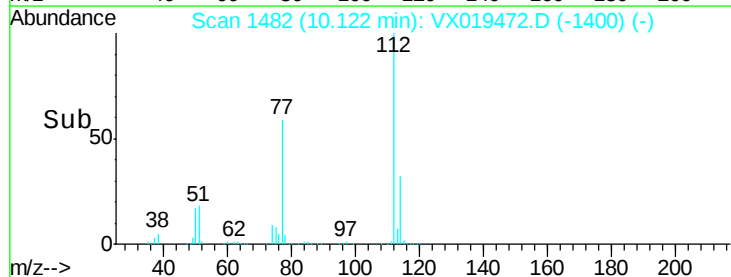
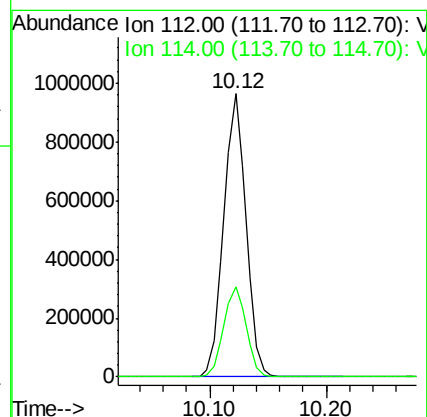
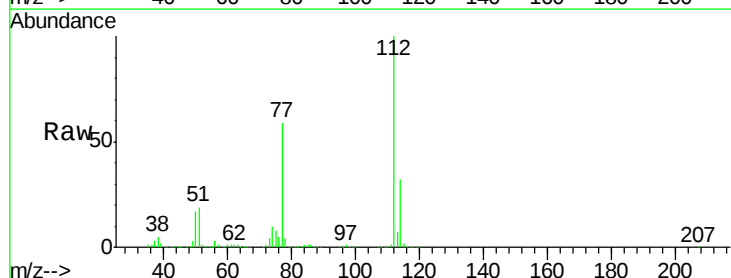
Acq: 19 Nov 2020 17:45

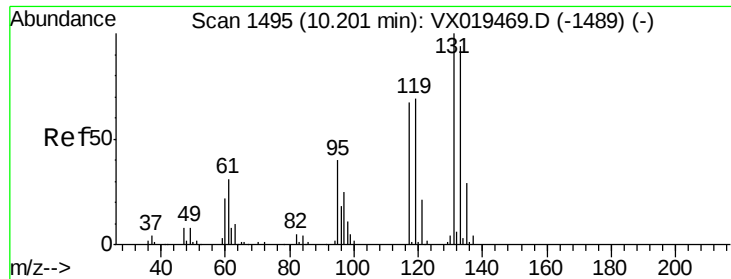
Tgt Ion: 112 Resp: 1267384

Ion Ratio Lower Upper

112 100

114 32.0 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 159.782 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

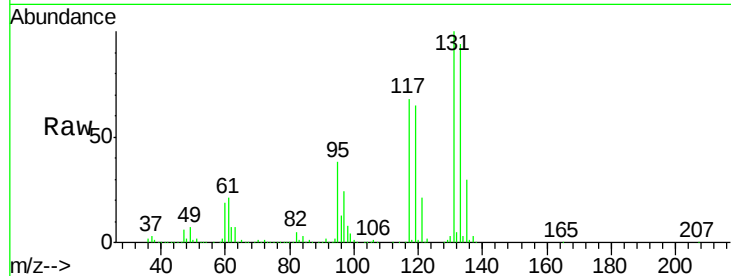
Tgt Ion:131 Resp: 486643

Ion Ratio Lower Upper

131 100

133 94.0 0.0 189.4

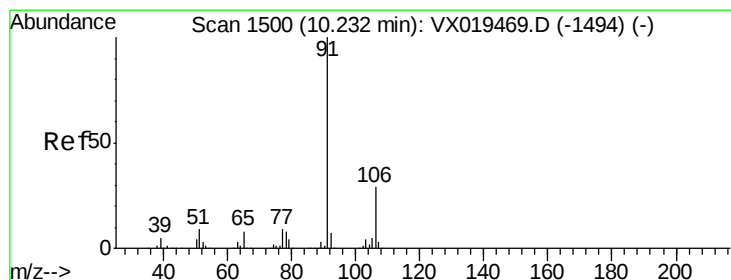
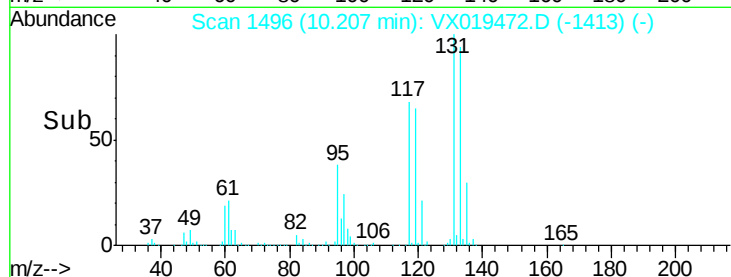
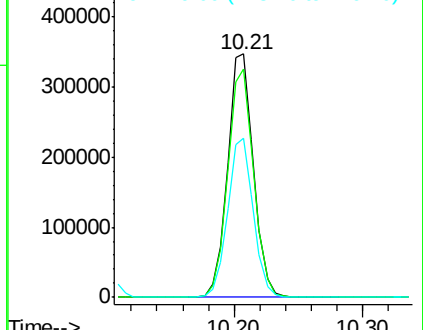
119 65.1 0.0 130.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 156.985 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019472.D

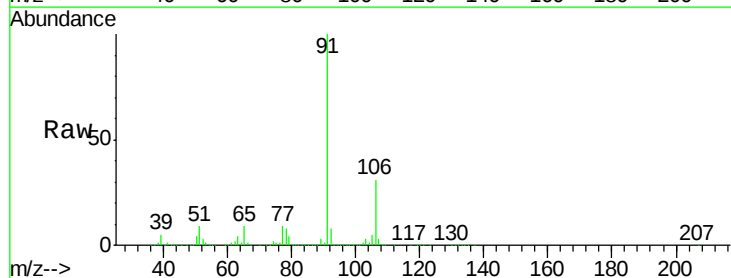
Acq: 19 Nov 2020 17:45

Tgt Ion: 91 Resp: 2317518

Ion Ratio Lower Upper

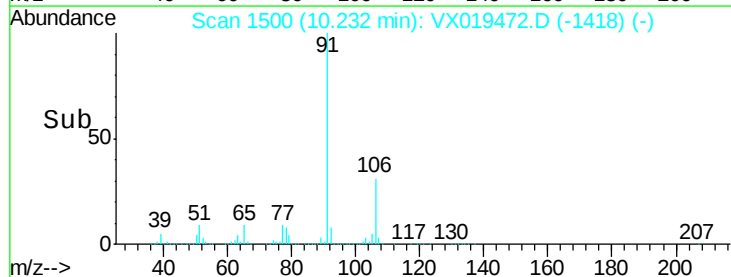
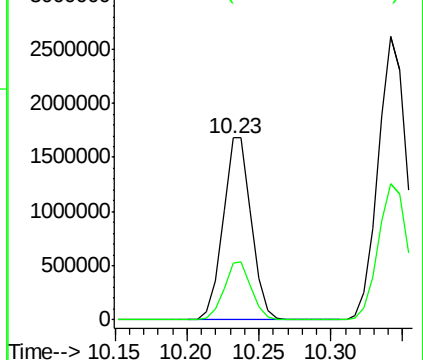
91 100

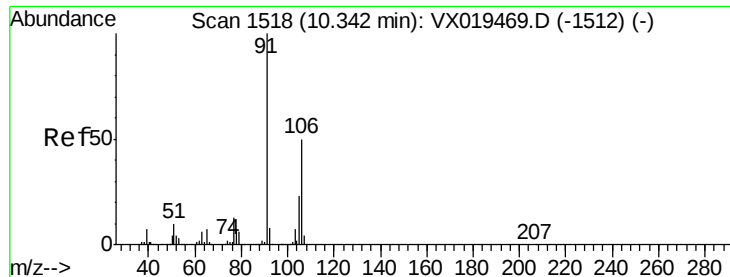
106 30.9 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 308.003 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

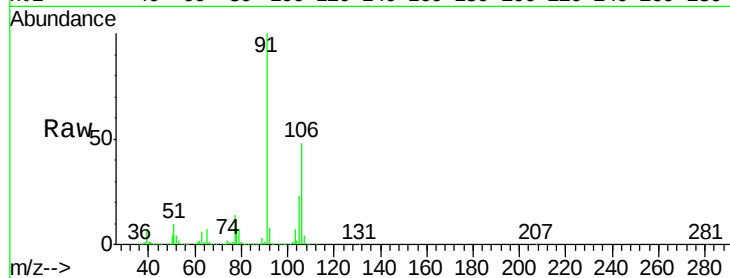
VSTDIC150

Tgt Ion:106 Resp: 1731099

Ion Ratio Lower Upper

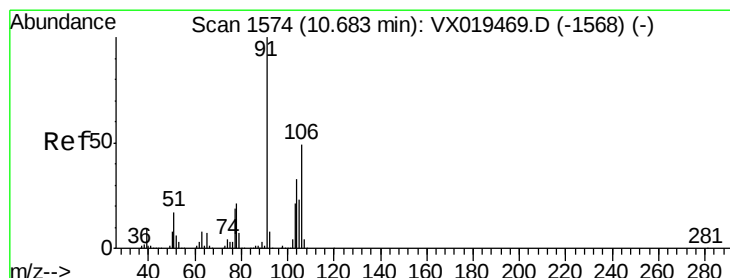
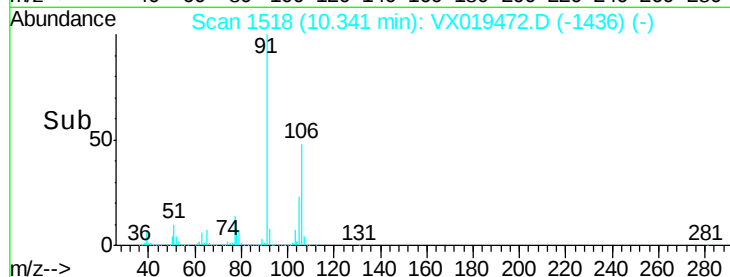
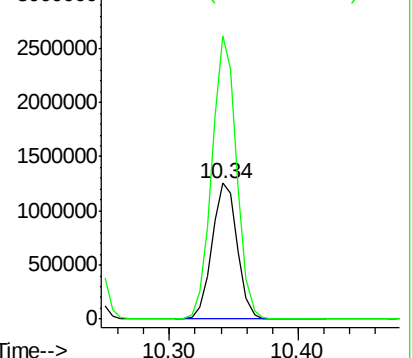
106 100

91 203.4 162.7 244.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 155.924 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX019472.D

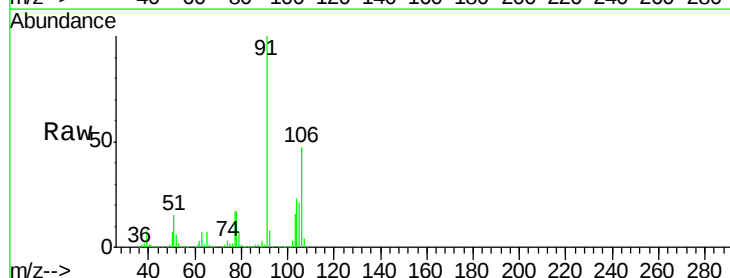
Acq: 19 Nov 2020 17:45

Tgt Ion:106 Resp: 835763

Ion Ratio Lower Upper

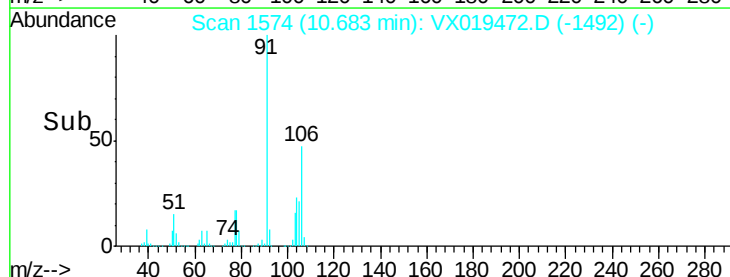
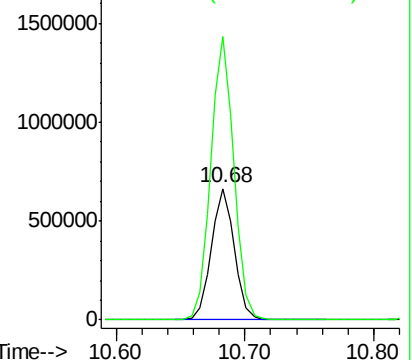
106 100

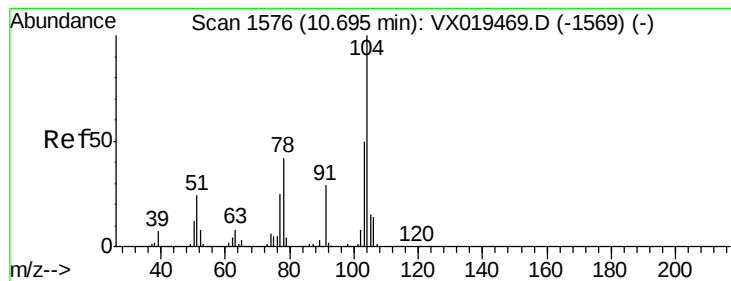
91 216.6 108.3 324.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 161.390 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

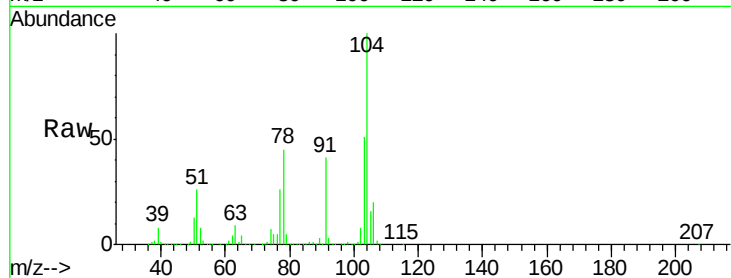
Tgt Ion:104 Resp: 1462051

Ion Ratio Lower Upper

104 100

78 49.9 39.2 58.8

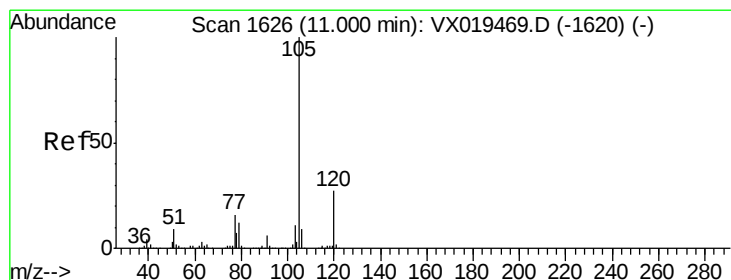
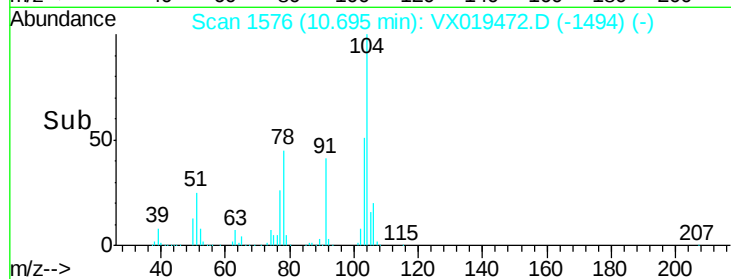
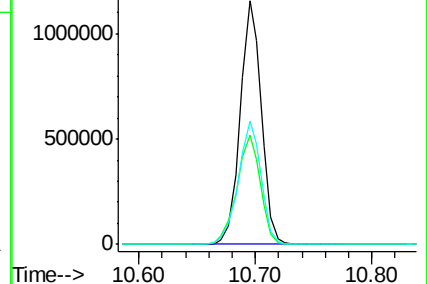
103 54.5 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 156.028 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019472.D

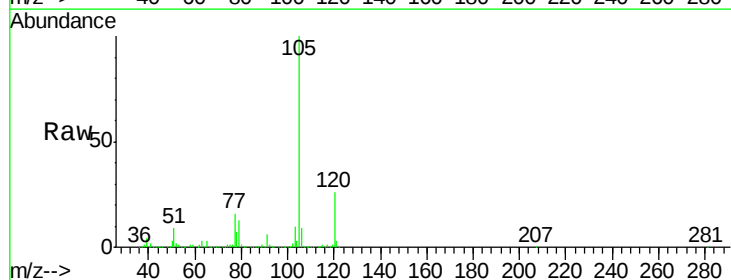
Acq: 19 Nov 2020 17:45

Tgt Ion:105 Resp: 2258481

Ion Ratio Lower Upper

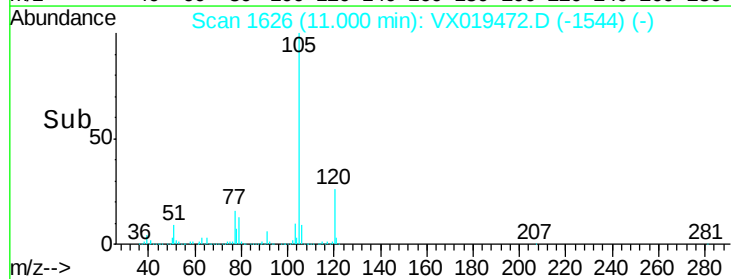
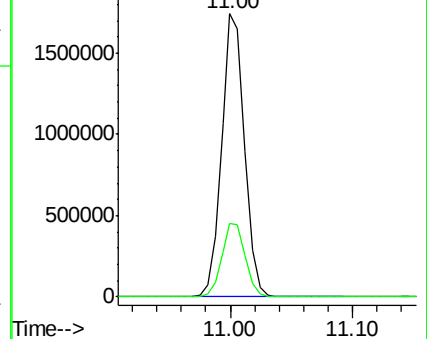
105 100

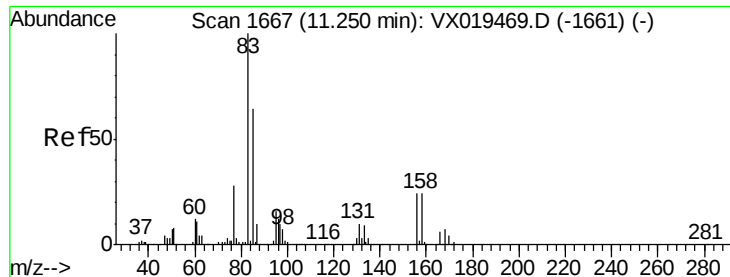
120 26.7 18.5 34.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

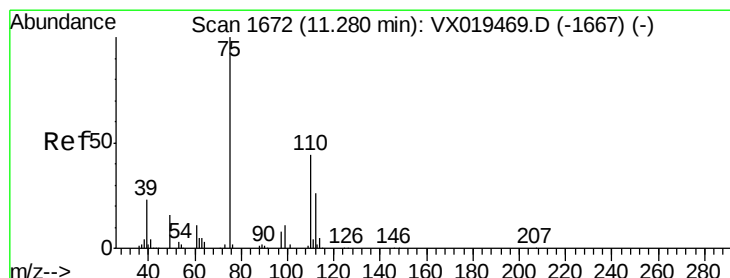
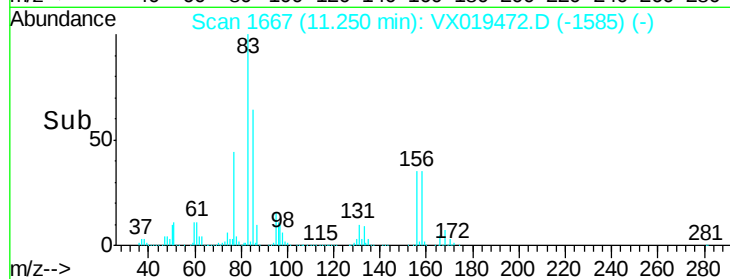
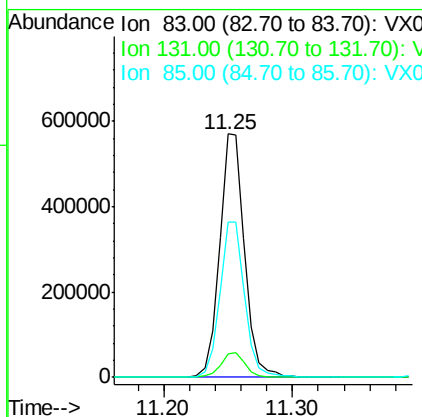
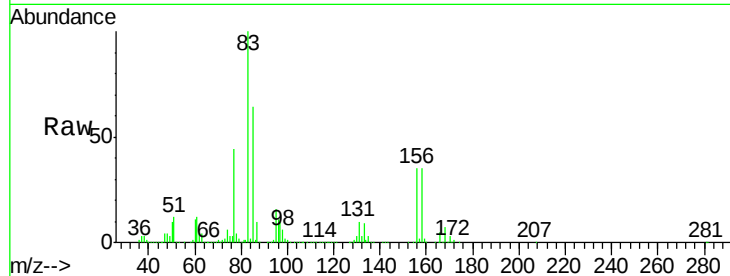




#71
 1,1,2,2-Tetrachloroethane
 Concen: 179.638 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

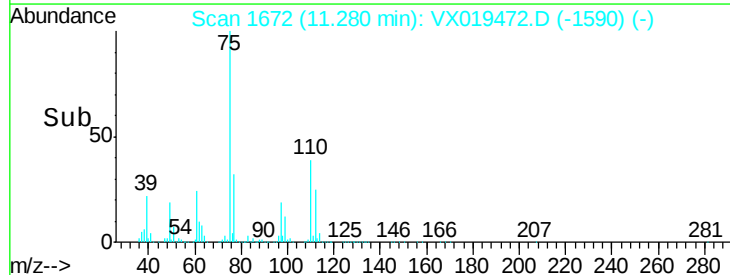
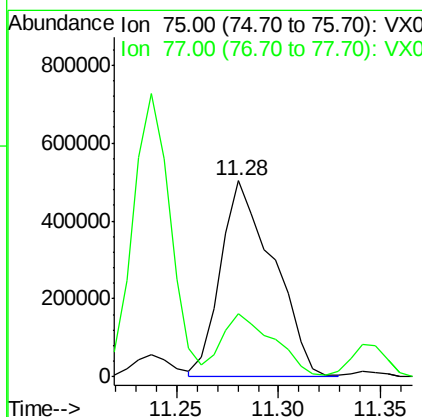
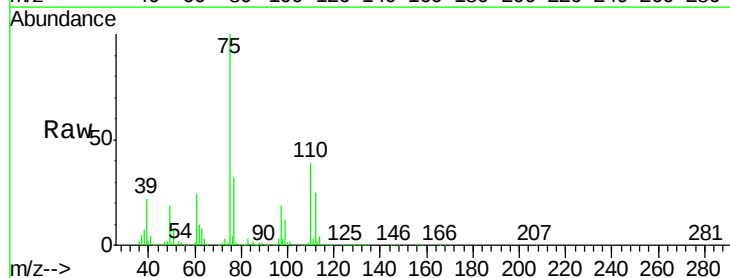
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

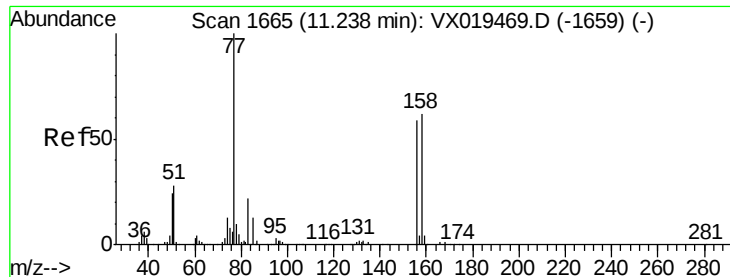
Tgt Ion: 83 Resp: 772322
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.9 14.7
 85 64.1 31.6 94.8



#72
 1,2,3-Trichloropropane
 Concen: 235.266 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Tgt Ion: 75 Resp: 905131
 Ion Ratio Lower Upper
 75 100
 77 31.8 0.0 78.4





#73

Bromobenzene

Concen: 158.587 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

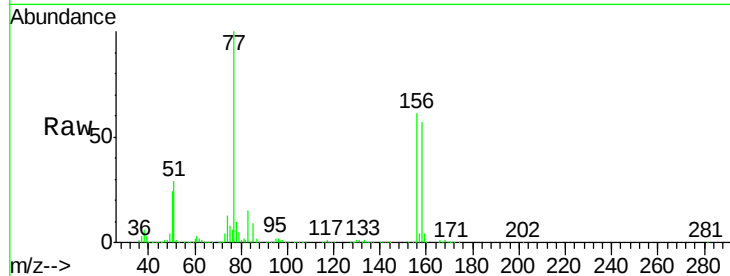
Tgt Ion:156 Resp: 561717

Ion Ratio Lower Upper

156 100

77 164.4 0.0 329.0

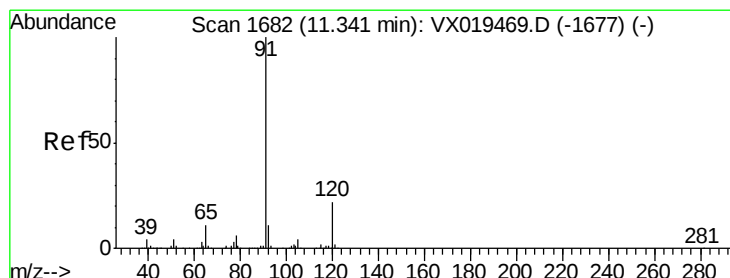
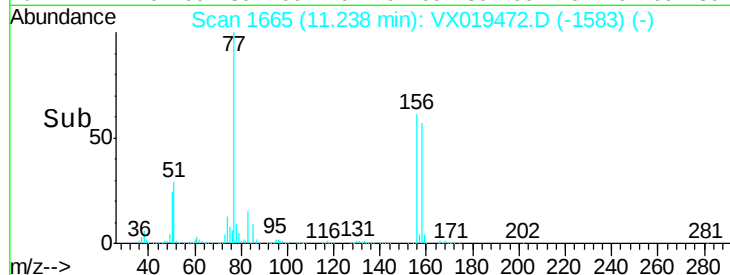
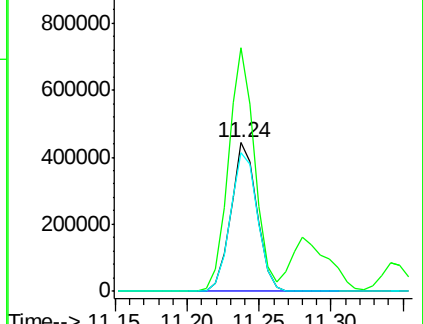
158 97.0 0.0 197.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 159.678 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019472.D

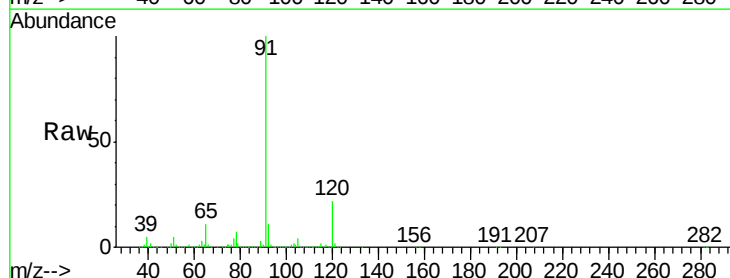
Acq: 19 Nov 2020 17:45

Tgt Ion: 91 Resp: 2618451

Ion Ratio Lower Upper

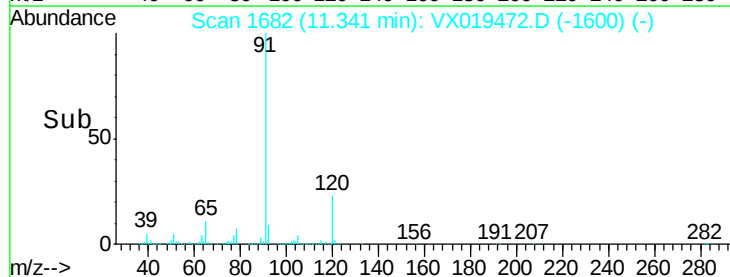
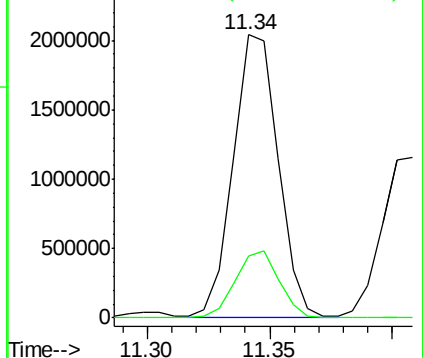
91 100

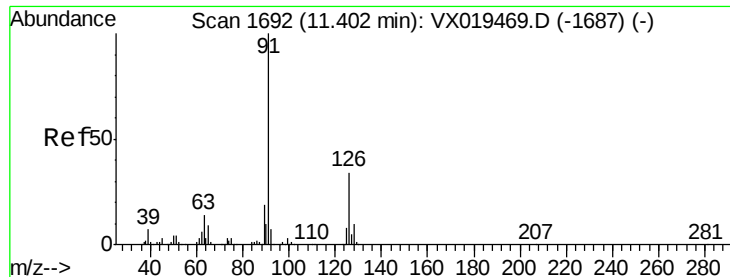
120 22.9 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 164.180 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

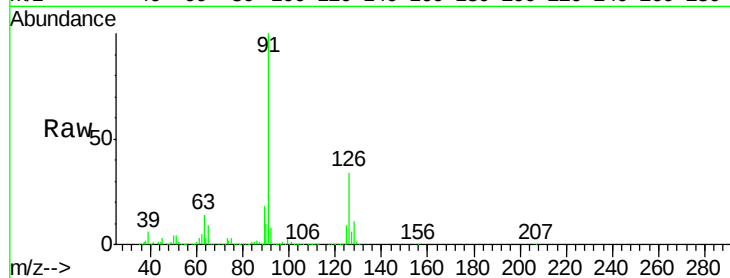
VSTDIC150

Tgt Ion: 91 Resp: 1548099

Ion Ratio Lower Upper

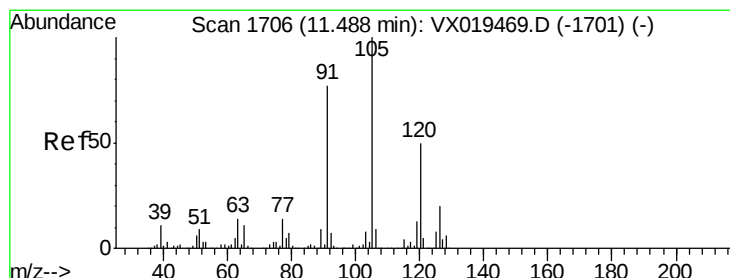
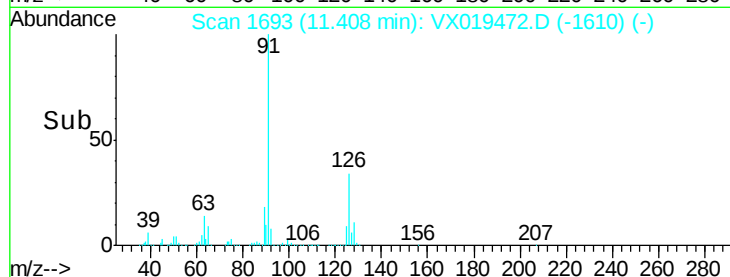
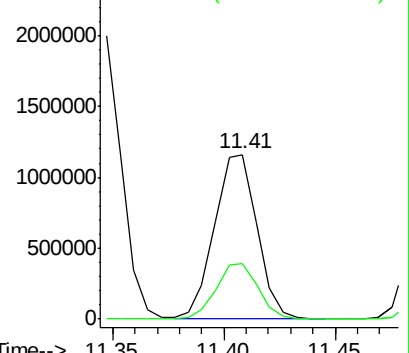
91 100

126 33.4 0.0 66.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 163.570 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019472.D

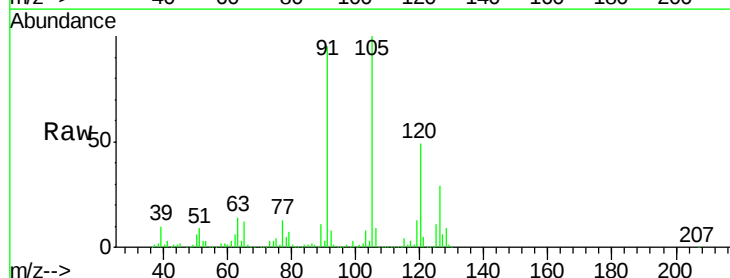
Acq: 19 Nov 2020 17:45

Tgt Ion: 105 Resp: 1932026

Ion Ratio Lower Upper

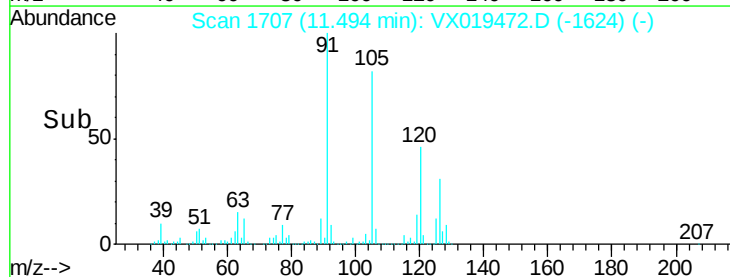
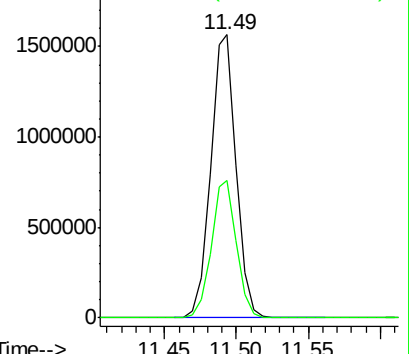
105 100

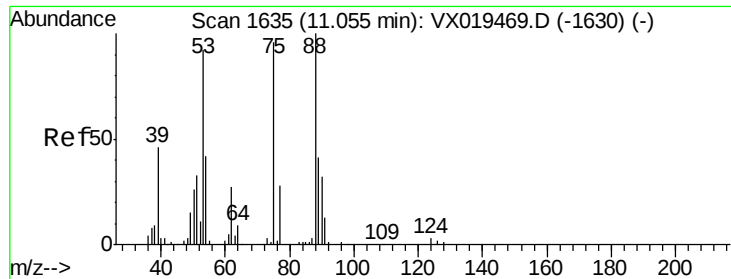
120 48.3 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 184.639 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

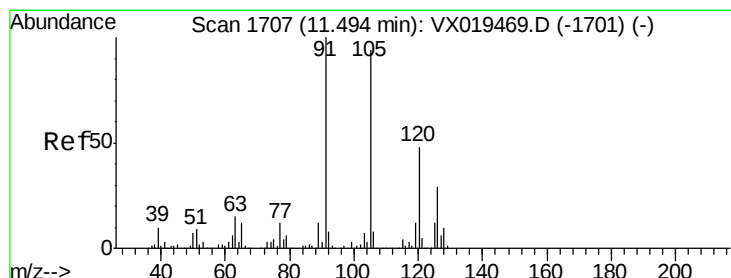
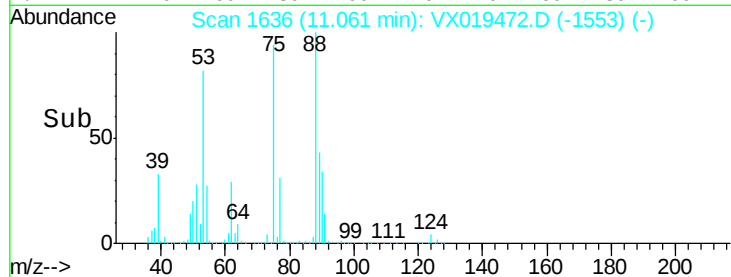
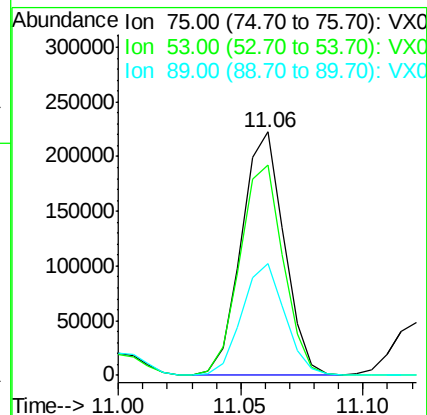
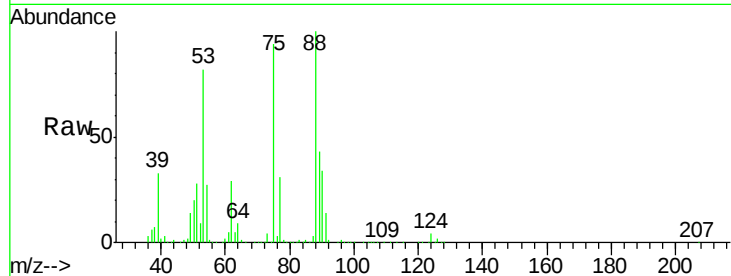
Tgt Ion: 75 Resp: 271806

Ion Ratio Lower Upper

75 100

53 86.6 47.9 143.6

89 46.1 21.4 64.2



#78

4-Chlorotoluene

Concen: 166.759 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019472.D

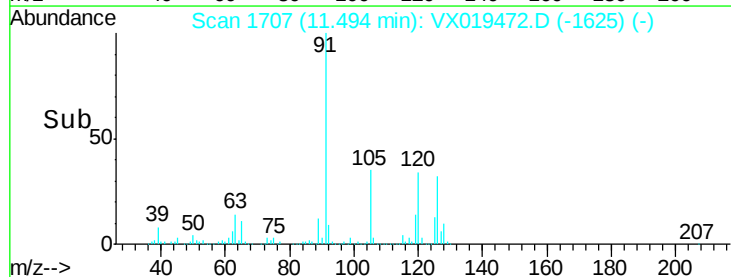
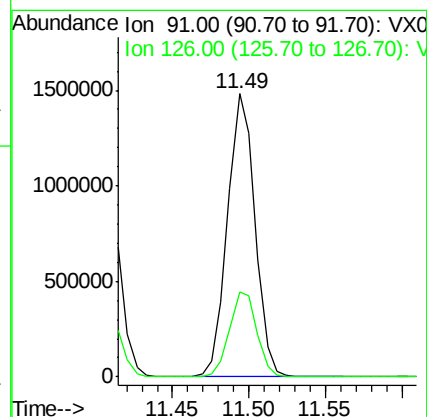
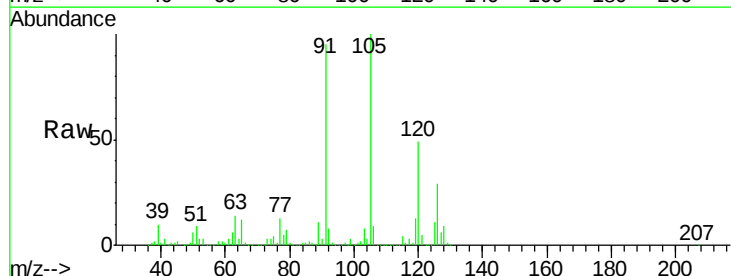
Acq: 19 Nov 2020 17:45

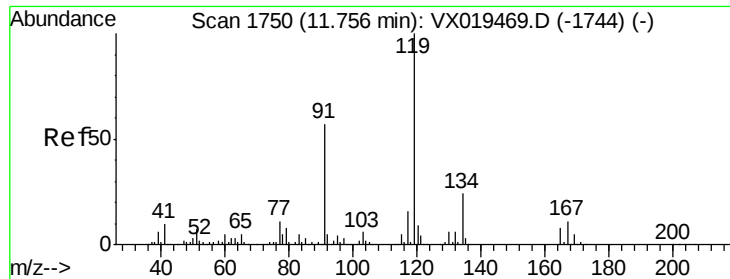
Tgt Ion: 91 Resp: 1841327

Ion Ratio Lower Upper

91 100

126 30.1 0.0 58.6

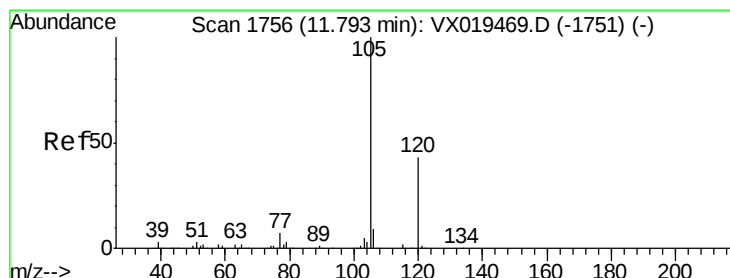
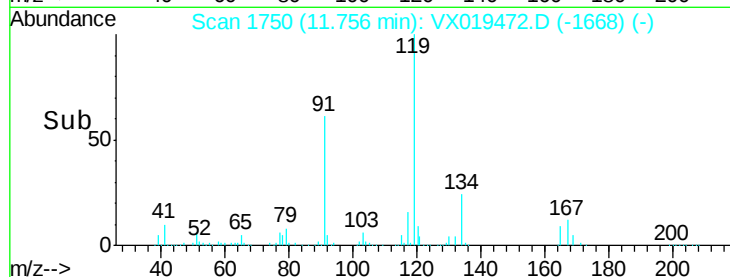
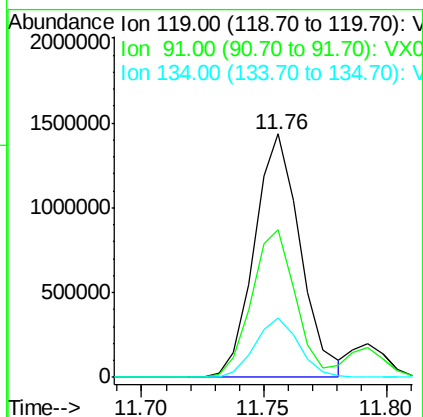
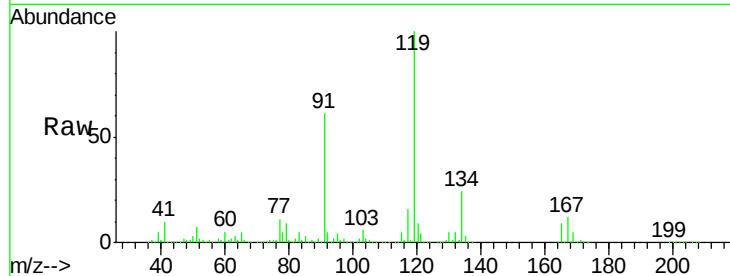




#79
tert-butylbenzene
Concen: 163.388 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

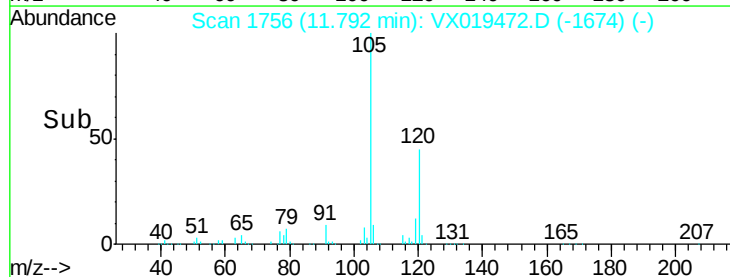
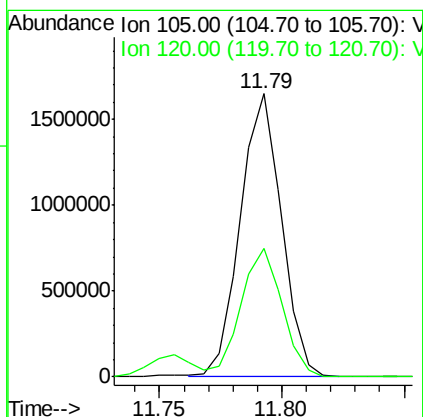
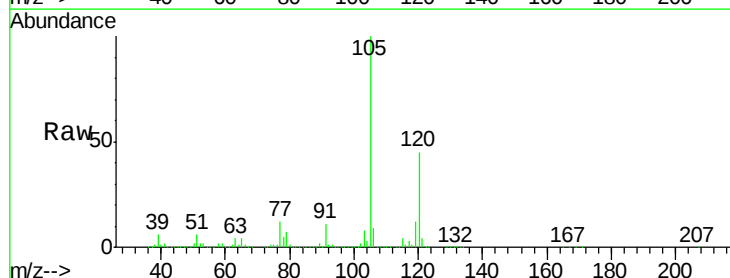
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

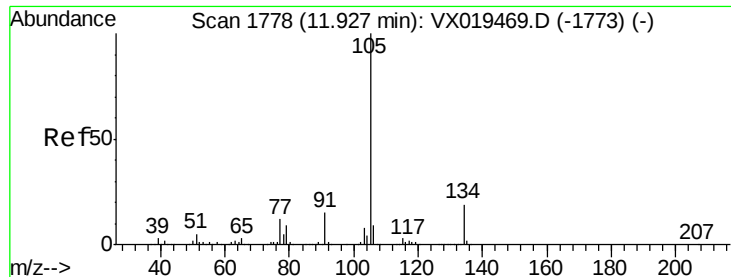
Tgt Ion:119 Resp: 1884168
Ion Ratio Lower Upper
119 100
91 57.5 0.0 117.0
134 23.3 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 164.213 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion:105 Resp: 1928024
Ion Ratio Lower Upper
105 100
120 45.4 0.0 91.2

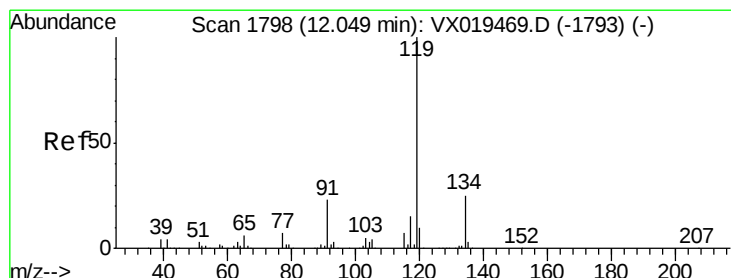
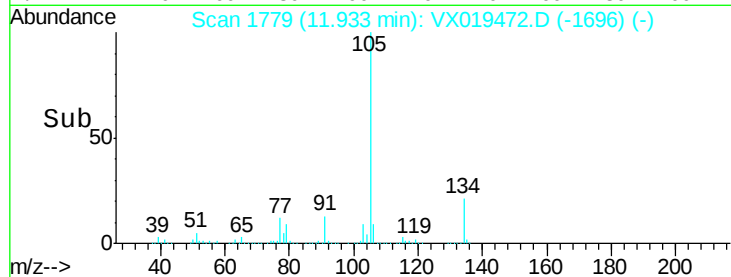
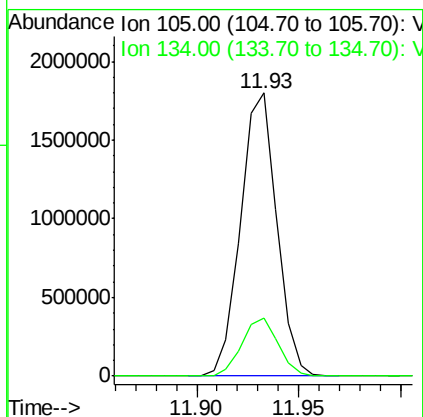
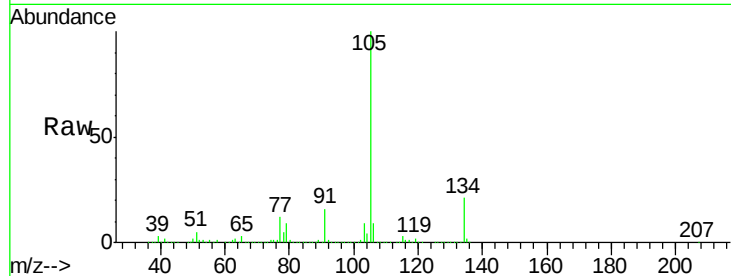




#81
 sec-Butylbenzene
 Concen: 161.362 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

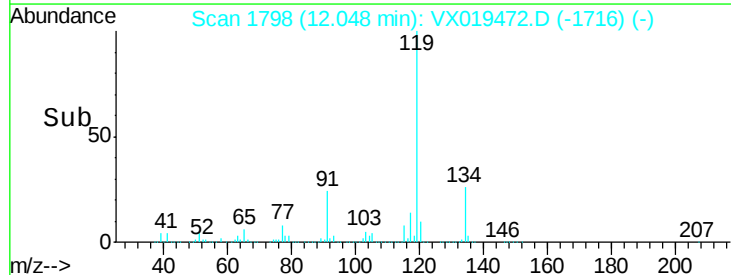
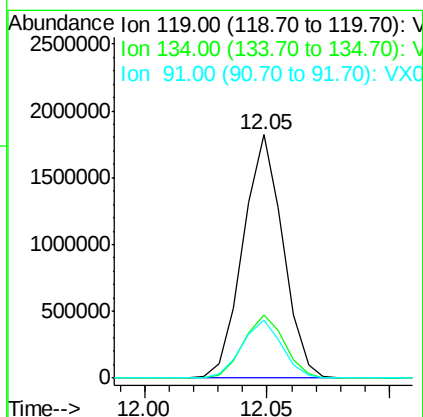
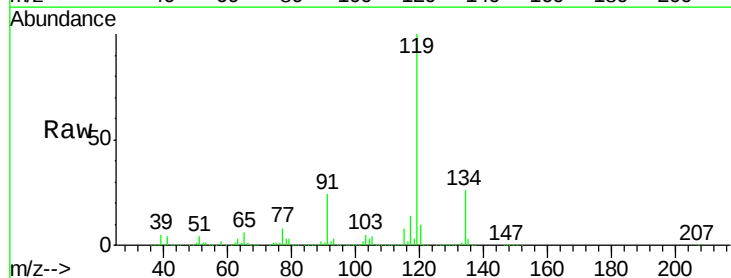
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

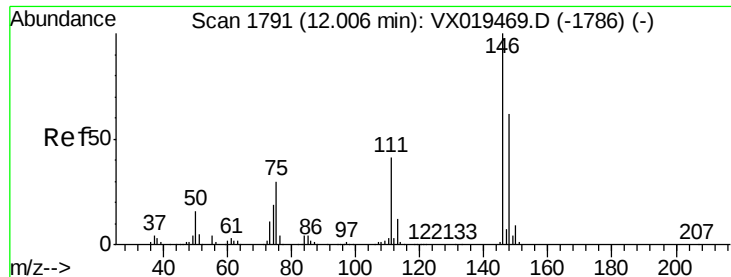
Tgt Ion:105 Resp: 2218104
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 39.2



#82
 p-Isopropyltoluene
 Concen: 162.953 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Tgt Ion:119 Resp: 2055434
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 51.8
 91 24.0 0.0 47.6

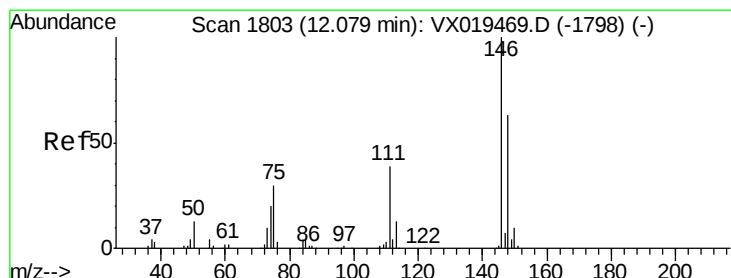
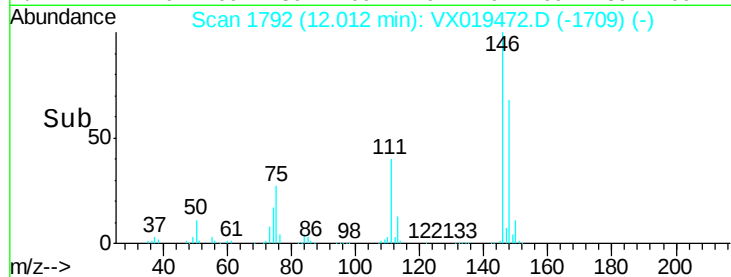
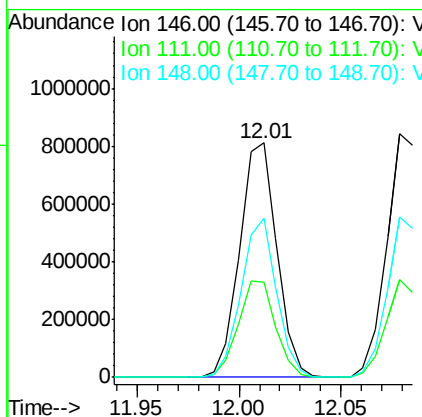
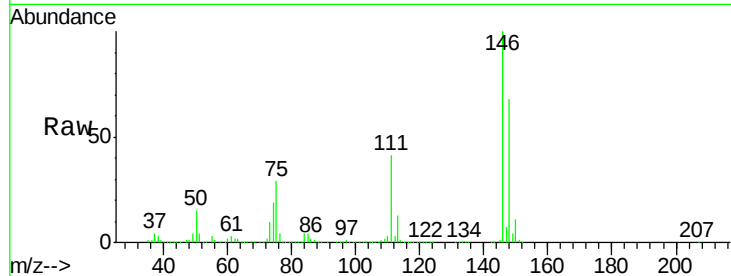




#83
 1,3-Dichlorobenzene
 Concen: 160.755 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

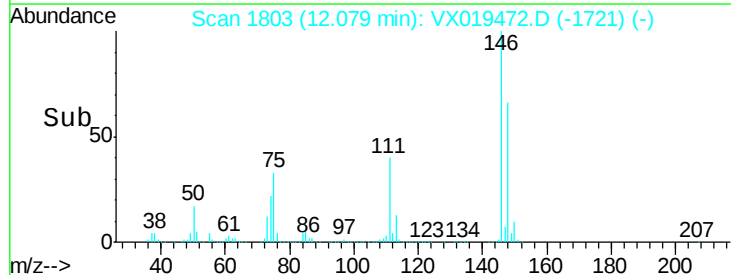
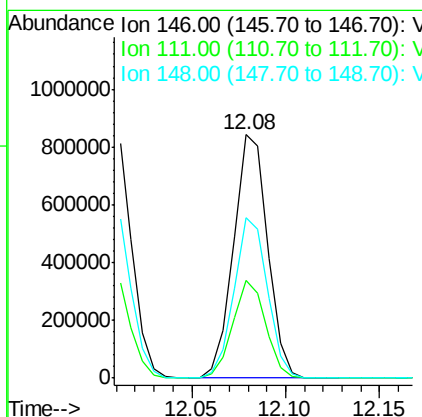
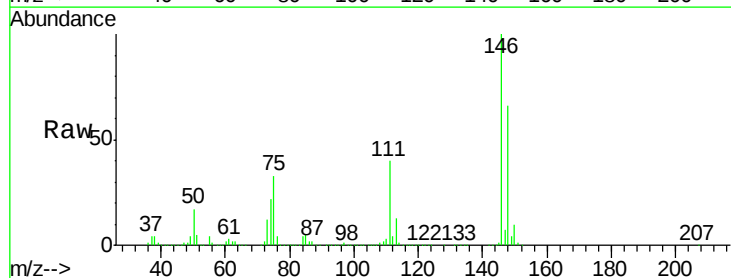
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

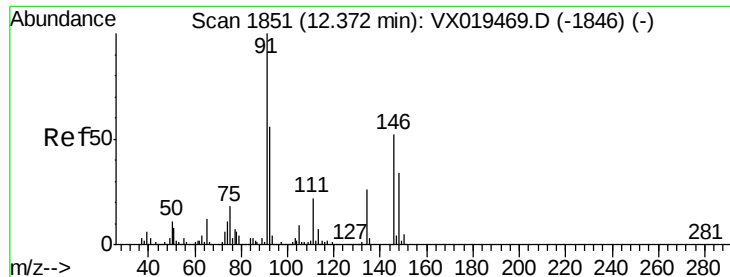
Tgt Ion:146 Resp: 1026387
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.0 60.0
 148 64.8 31.4 94.0



#84
 1,4-Dichlorobenzene
 Concen: 163.289 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Tgt Ion:146 Resp: 1057986
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.3 57.9
 148 65.0 31.4 94.2

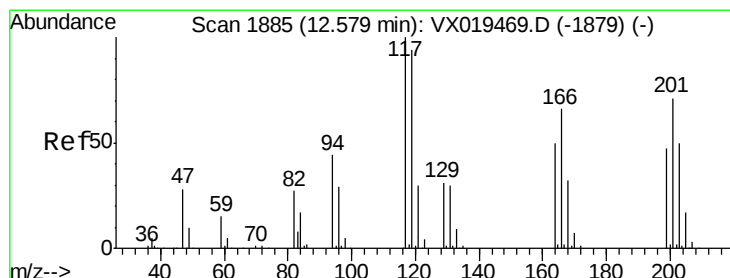
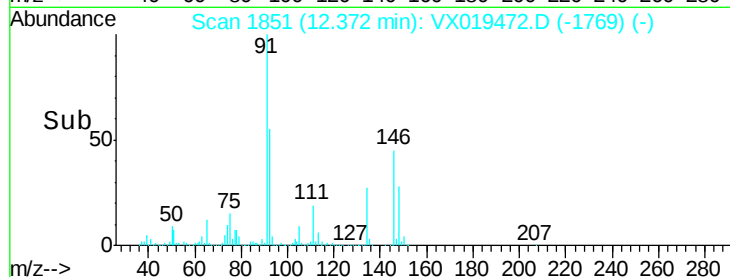
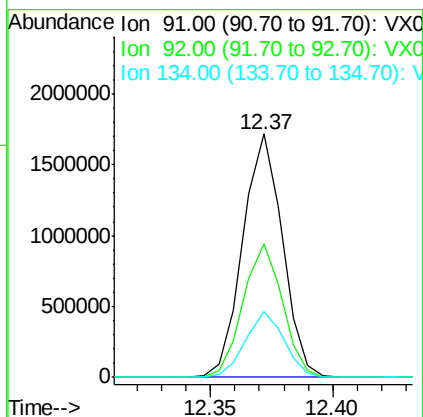
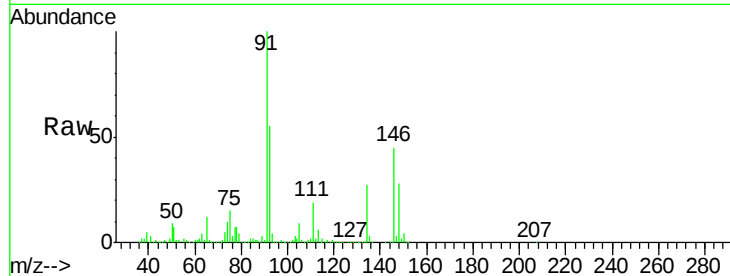




#85
n-Butylbenzene
Concen: 171.742 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

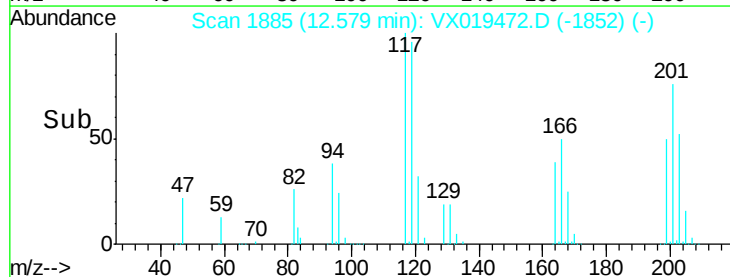
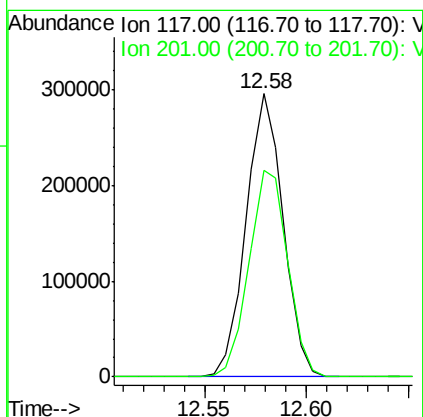
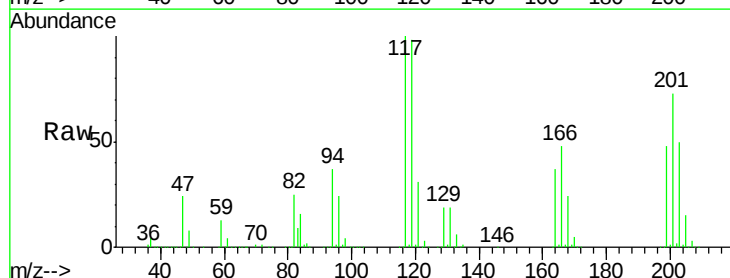
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

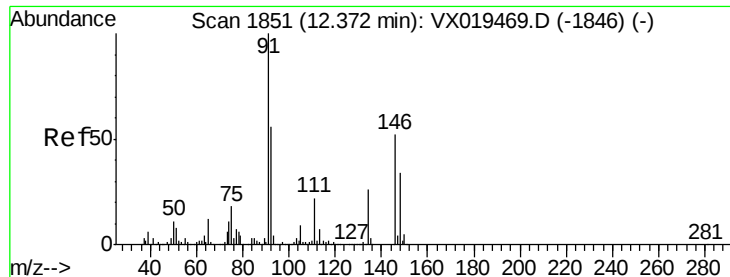
Tgt Ion: 91 Resp: 1935784
Ion Ratio Lower Upper
91 100
92 54.7 0.0 111.2
134 26.3 0.0 51.2



#86
Hexachloroethane
Concen: 189.155 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion: 117 Resp: 373182
Ion Ratio Lower Upper
117 100
201 76.8 38.4 115.1

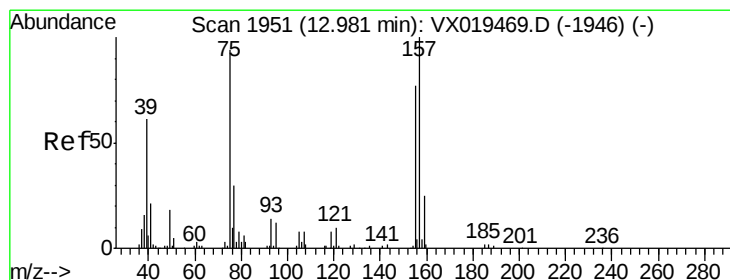
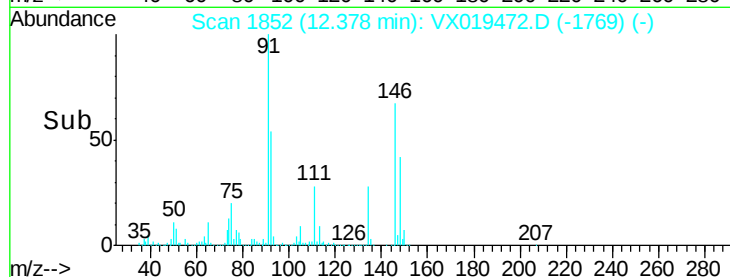
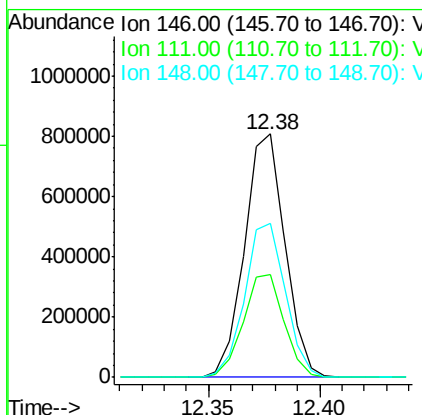
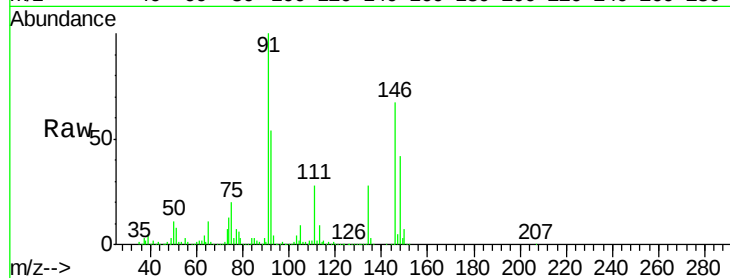




#87
 1,2-Dichlorobenzene
 Concen: 167.101 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

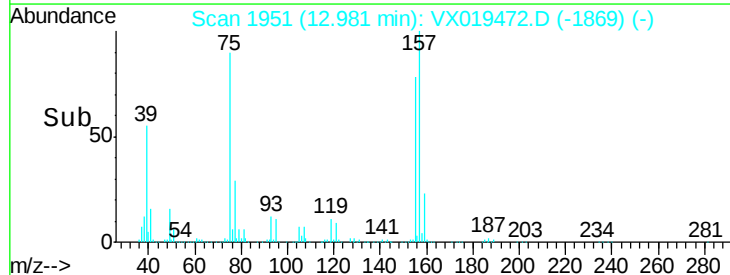
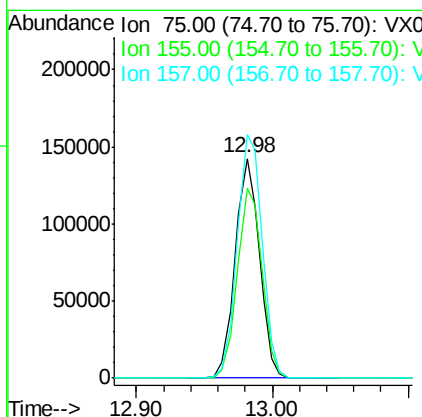
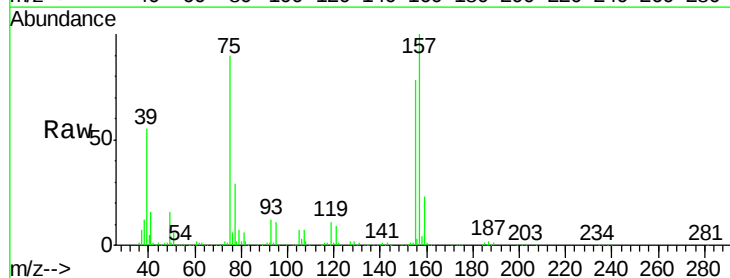
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

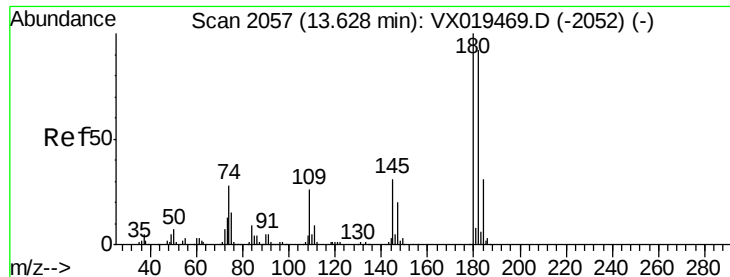
Tgt Ion:146 Resp: 1027039
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.5 61.6
 148 63.6 31.5 94.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 186.077 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Tgt Ion: 75 Resp: 176821
 Ion Ratio Lower Upper
 75 100
 155 88.0 68.6 103.0
 157 113.9 90.0 135.0

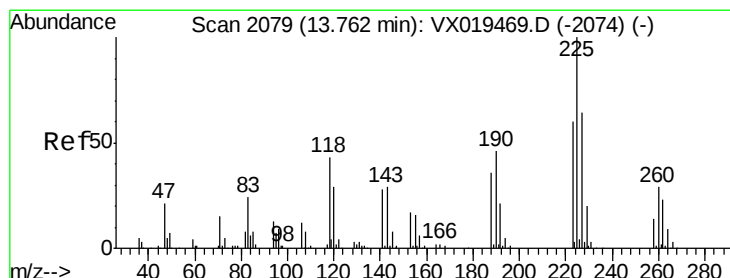
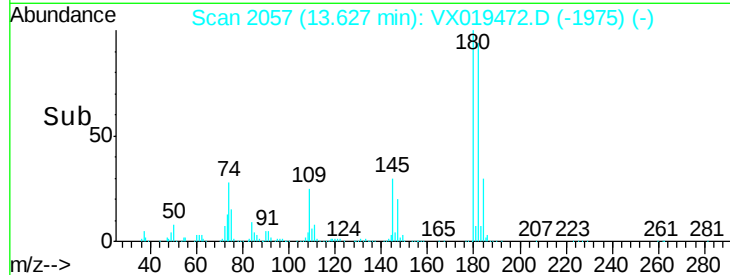
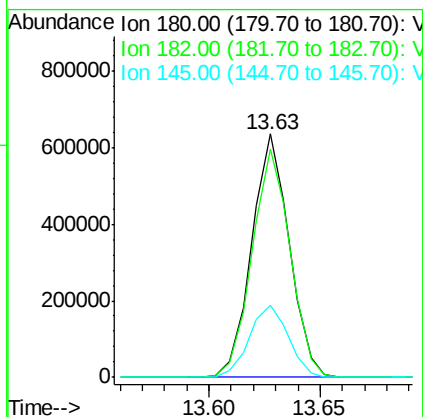
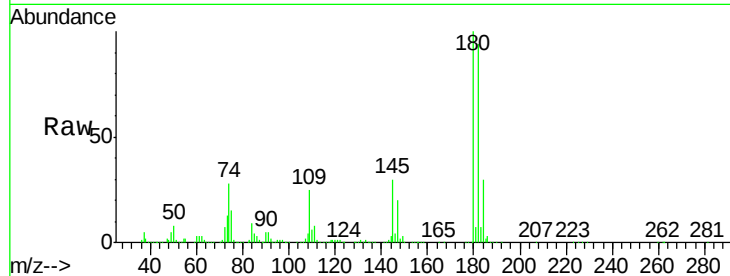




#89
 1,2,4-Trichlorobenzene
 Concen: 172.557 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

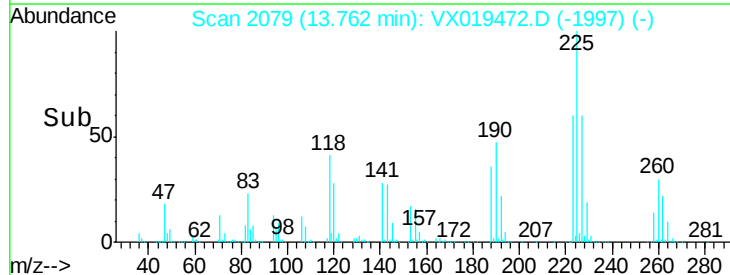
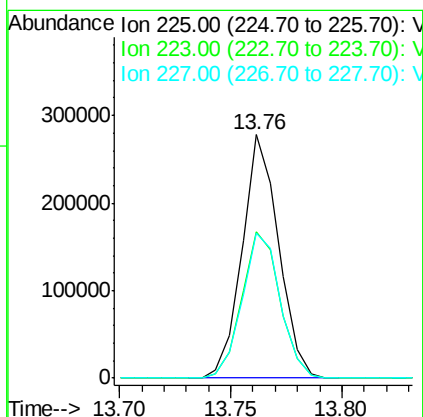
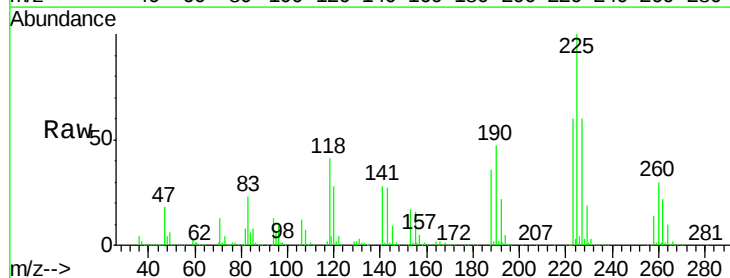
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

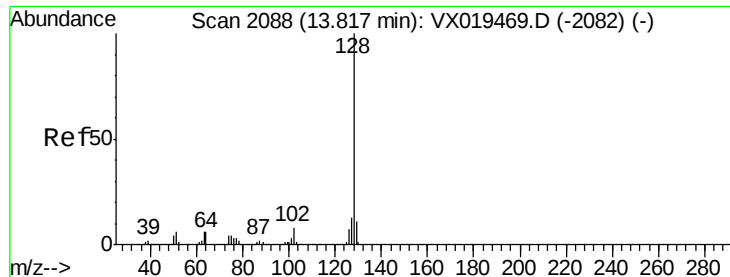
Tgt Ion:180 Resp: 746113
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.1 114.1
 145 31.0 24.7 37.1



#90
 Hexachlorobutadiene
 Concen: 168.857 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Tgt Ion:225 Resp: 318566
 Ion Ratio Lower Upper
 225 100
 223 62.6 0.0 119.2
 227 62.0 0.0 126.4

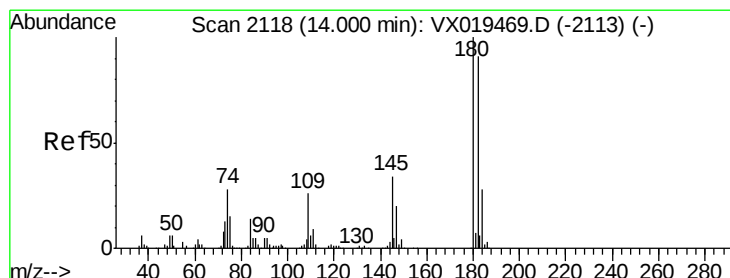
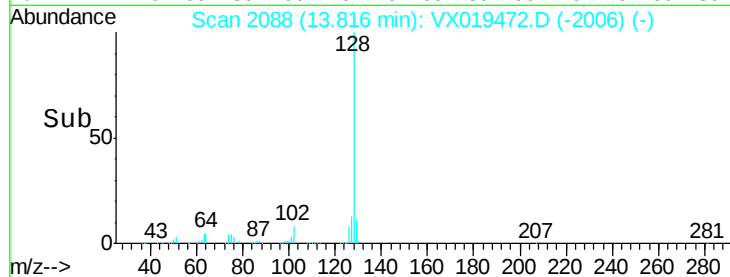
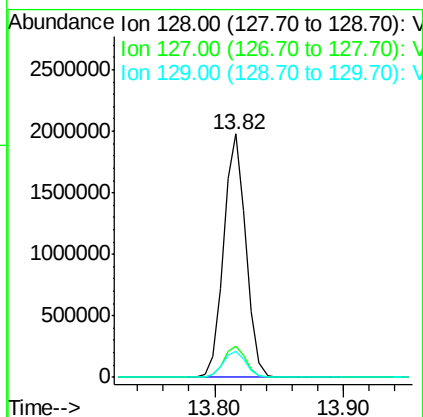
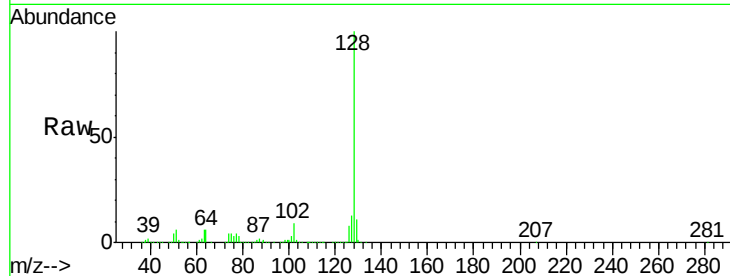




#91
Naphthalene
Concen: 170.038 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 2394778
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.0 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 172.842 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion:180 Resp: 726294
Ion Ratio Lower Upper
180 100
182 92.8 0.0 192.2
145 32.8 0.0 63.6

