

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
 Data File : VX019135.D
 Acq On : 27 Oct 2020 13:25
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 27 13:46:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:11:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	274732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	451457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	410256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	533796	162.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	324.58%	
35) Dibromofluoromethane	5.46	113	438562	158.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.20%	
50) Toluene-d8	8.70	98	1631630	152.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.18%	
62) 4-Bromofluorobenzene	11.12	95	652982	171.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	342.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	358394	164.260	ug/l	100
3) Chloromethane	1.31	50	380857	162.105	ug/l	100
4) Vinyl Chloride	1.39	62	453934	154.629	ug/l	99
5) Bromomethane	1.62	94	245067	132.151	ug/l	99
6) Chloroethane	1.70	64	283476	143.235	ug/l	99
7) Trichlorofluoromethane	1.91	101	717481	143.816	ug/l	97
8) Diethyl Ether	2.17	74	277998	141.401	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	402480	158.624	ug/l	100
10) Methyl Iodide	2.49	142	502852	179.377	ug/l	99
11) Tert butyl alcohol	3.03	59	191172	283.757	ug/l #	72
12) 1,1-Dichloroethene	2.36	96	412678	160.731	ug/l	95
13) Acrolein	2.27	56	239748	733.554	ug/l	100
14) Allyl chloride	2.70	41	626623	183.560	ug/l	99
15) Acrylonitrile	3.12	53	1133941	837.684	ug/l	100
16) Acetone	2.42	43	917388	843.953	ug/l	99
17) Carbon Disulfide	2.55	76	1151761	161.902	ug/l	100
18) Methyl Acetate	2.75	43	449928	168.417	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1444402	162.834	ug/l	100
20) Methylene Chloride	2.83	84	458433	148.540	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	466085	154.406	ug/l	99
22) Diisopropyl ether	3.82	45	1251781	173.619	ug/l	97
23) Vinyl Acetate	3.79	43	5582803	879.634	ug/l	98
24) 1,1-Dichloroethane	3.67	63	779997	165.567	ug/l	100
25) 2-Butanone	4.64	43	1481539	854.544	ug/l	100
26) 2,2-Dichloropropane	4.55	77	721112	162.697	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	527795	155.428	ug/l	99
28) Bromochloromethane	4.98	49	352879	173.155	ug/l	99
29) Tetrahydrofuran	5.09	42	950282	861.004	ug/l	99
30) Chloroform	5.18	83	832791	159.514	ug/l	100
31) Cyclohexane	5.55	56	674673	161.749	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	767861	164.859	ug/l	99
36) 1,1-Dichloropropene	5.77	75	629624	159.042	ug/l	100
37) Ethyl Acetate	4.79	43	592378	169.613	ug/l	99
38) Carbon Tetrachloride	5.76	117	677282	166.223	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	775738	159.824	ug/l	100
40) Benzene	6.11	78	1822557	157.058	ug/l	100
41) Methacrylonitrile	5.01	41	315353	174.941	ug/l	98
42) 1,2-Dichloroethane	6.16	62	663686	167.329	ug/l	99
43) Isopropyl Acetate	6.42	43	999297	174.882	ug/l	99
44) Trichloroethene	7.19	130	519373	156.300	ug/l	97
45) 1,2-Dichloropropane	7.49	63	453642	166.221	ug/l	100
46) Dibromomethane	7.63	93	330167	160.577	ug/l	99
47) Bromodichloromethane	7.88	83	679315	168.936	ug/l	99
48) Methyl methacrylate	7.74	41	492747	182.869	ug/l	99
49) 1,4-Dioxane	7.73	88	224859	3234.520	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2886316	864.680	ug/l	98
52) Toluene	8.77	92	1190363	158.581	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	768401	172.889	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	798611	168.724	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	474585	158.796	ug/l	98
56) Ethyl methacrylate	9.16	69	748896	173.571	ug/l	100
57) 1,3-Dichloropropane	9.35	76	776097	158.589	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1898526	812.317	ug/l	100
59) 2-Hexanone	9.48	43	2230499	878.406	ug/l	99
60) Dibromochloromethane	9.57	129	545351	171.186	ug/l	99
61) 1,2-Dibromoethane	9.65	107	507003	159.877	ug/l	99
64) Tetrachloroethene	9.32	164	449612	143.788	ug/l	97
65) Chlorobenzene	10.12	112	1268094	154.791	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	480147	163.870	ug/l	99
67) Ethyl Benzene	10.24	91	2280360	159.049	ug/l	97
68) m/p-Xylenes	10.34	106	1745588	316.801	ug/l	98
69) o-Xylene	10.68	106	842425	159.535	ug/l	97
70) Styrene	10.70	104	1467913	166.848	ug/l	100
71) Bromoform	10.84	173	413835	179.332	ug/l #	99
73) Isopropylbenzene	11.00	105	2262489	157.022	ug/l	99
74) N-amyl acetate	10.88	43	881369	188.650	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	727351	161.620	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	883403	220.517	ug/l	86
77) Bromobenzene	11.24	156	567790	157.358	ug/l	98
78) n-propylbenzene	11.35	91	2603874	161.038	ug/l	99
79) 2-Chlorotoluene	11.40	91	1533874	161.335	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1947015	163.742	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	269710	177.940	ug/l	98
82) 4-Chlorotoluene	11.49	91	1846991	164.076	ug/l	100
83) tert-Butylbenzene	11.76	119	1914213	164.794	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1980245	164.689	ug/l	99
85) sec-Butylbenzene	11.93	105	2257241	161.876	ug/l	100
86) p-Isopropyltoluene	12.05	119	2128486	164.885	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1058613	158.539	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	1072213	154.101	ug/l	98
89) n-Butylbenzene	12.37	91	1979789	168.238	ug/l	99
90) Hexachloroethane	12.58	117	394065	182.469	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1033529	158.053	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	185015	186.160	ug/l	99

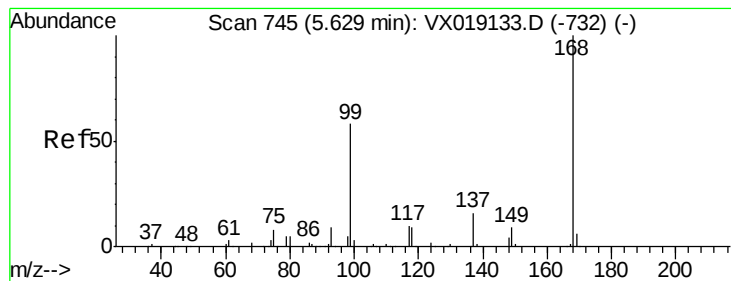
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
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Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:11:49 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	761917	167.158	ug/l	99
94) Hexachlorobutadiene	13.76	225	326679	161.317	ug/l	99
95) Naphthalene	13.82	128	2439747	169.969	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	731547	163.590	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

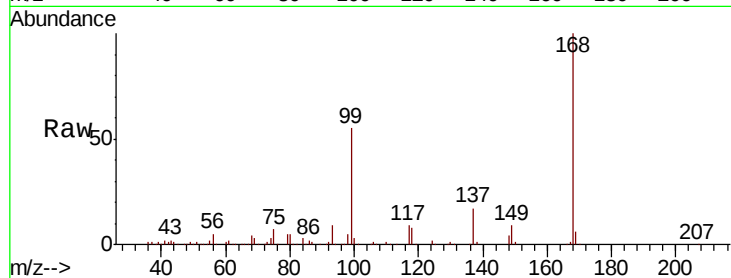
VSTDIC150

Tot Ion:168 Resp: 274732

Ion Ratio Lower Upper

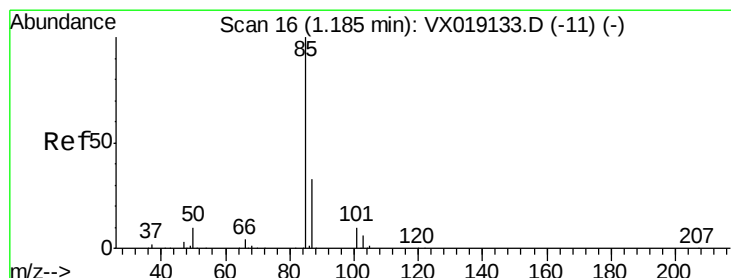
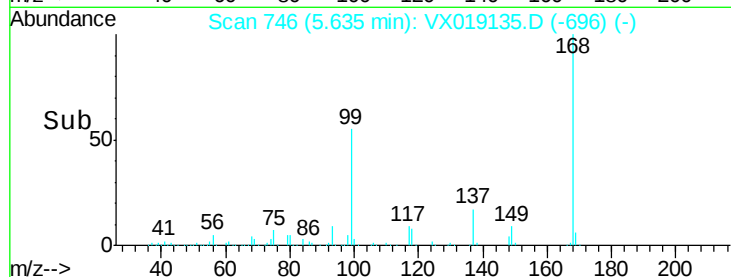
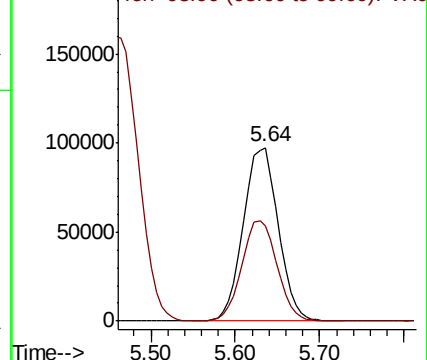
168 100

99 54.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 164.260 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019135.D

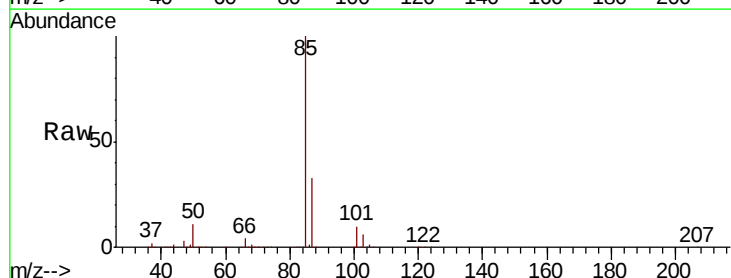
Acq: 27 Oct 2020 13:25

Tgt Ion: 85 Resp: 358394

Ion Ratio Lower Upper

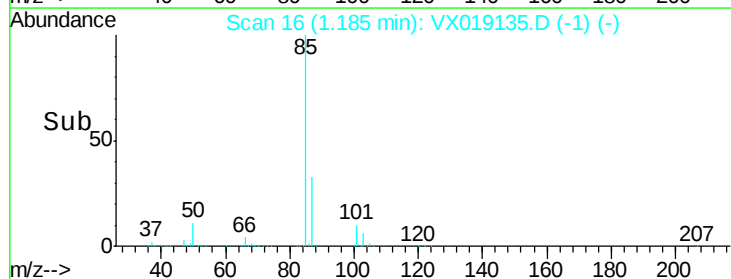
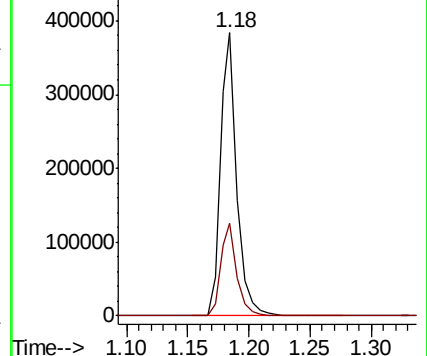
85 100

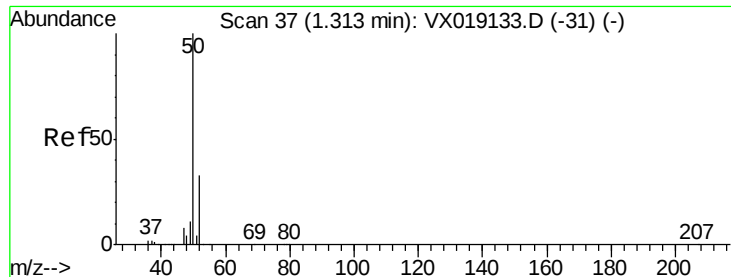
87 32.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

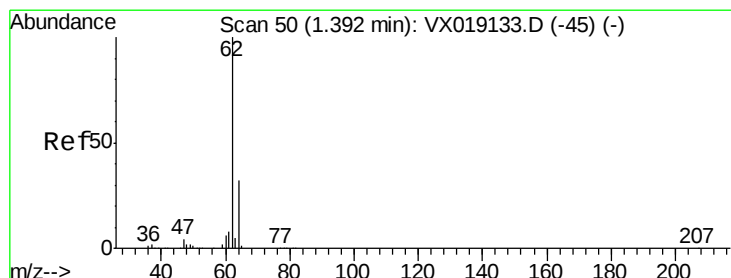
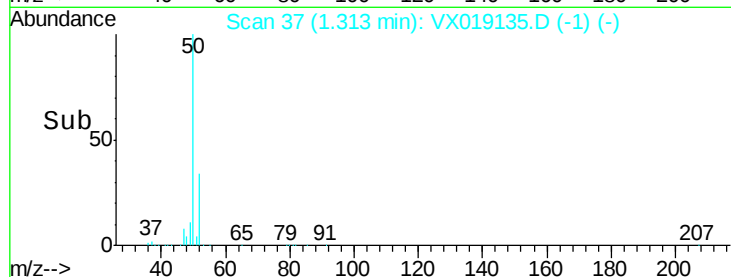
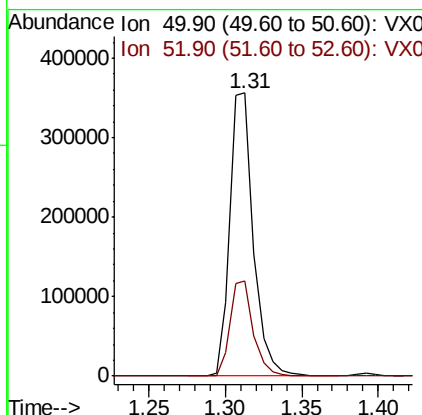
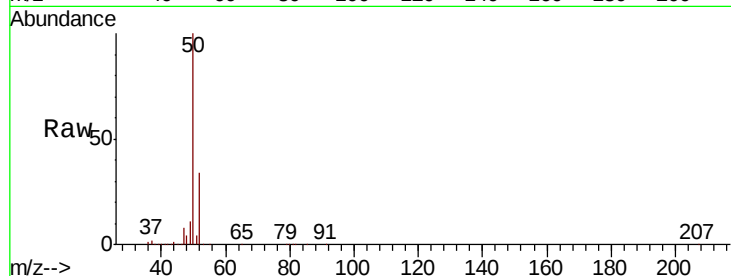




#3
Chloromethane
Concen: 162.105 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

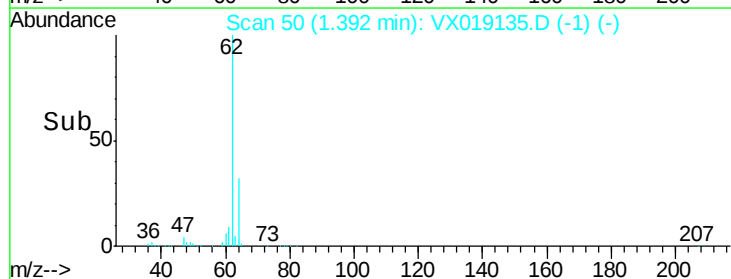
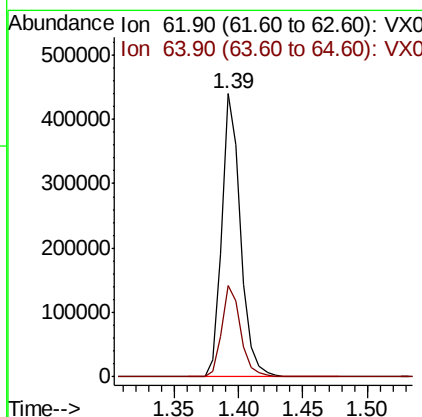
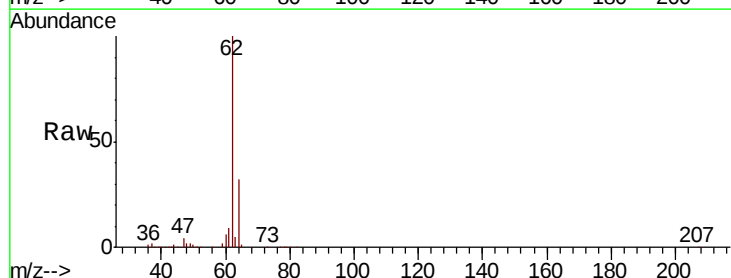
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

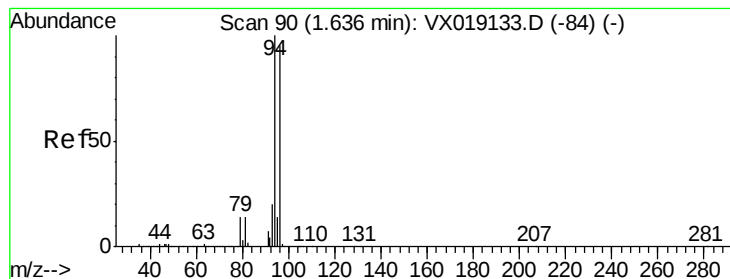
Tot Ion: 50 Resp: 380857
Ion Ratio Lower Upper
50 100
52 33.7 26.8 40.2



#4
Vinyl Chloride
Concen: 154.629 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion: 62 Resp: 453934
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5

Bromomethane

Concen: 132.151 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

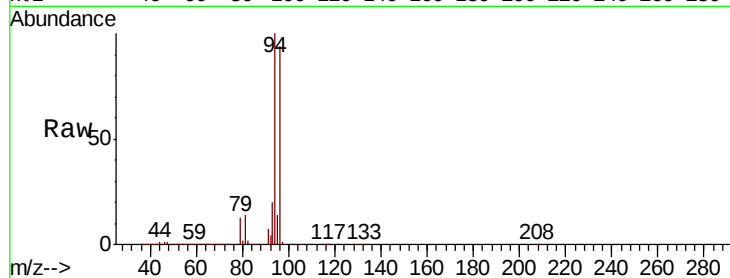
VSTDIC150

Tot Ion: 94 Resp: 245067

Ion Ratio Lower Upper

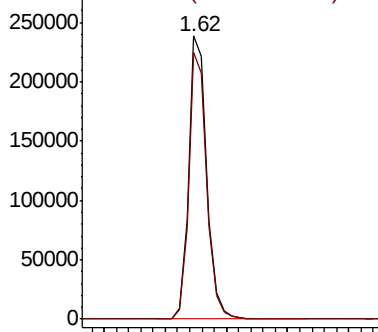
94 100

96 94.3 76.0 114.0

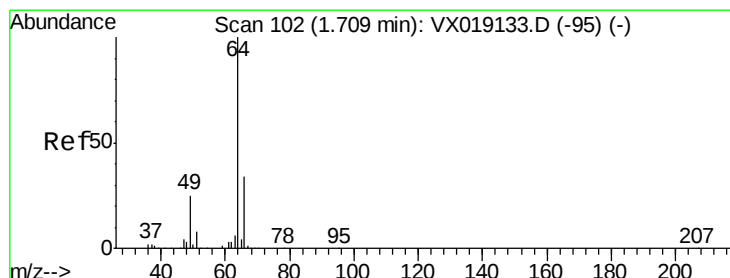
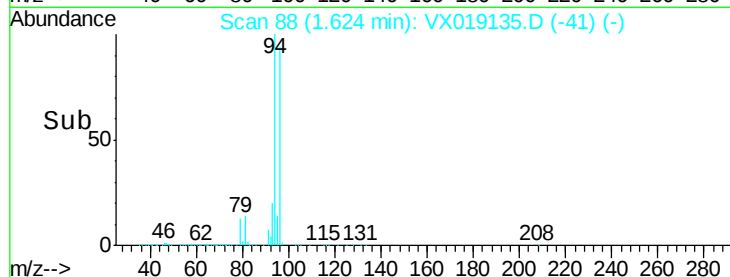


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 143.235 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX019135.D

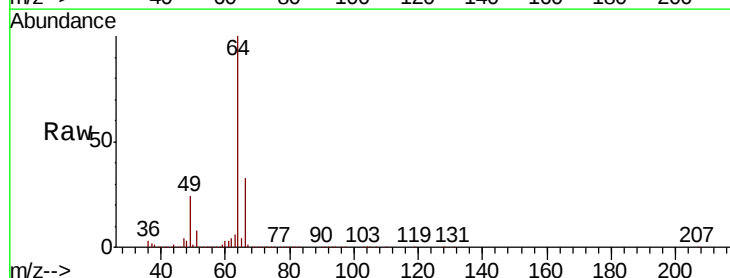
Acq: 27 Oct 2020 13:25

Tgt Ion: 64 Resp: 283476

Ion Ratio Lower Upper

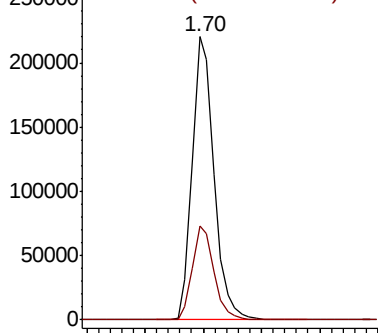
64 100

66 33.1 27.1 40.7

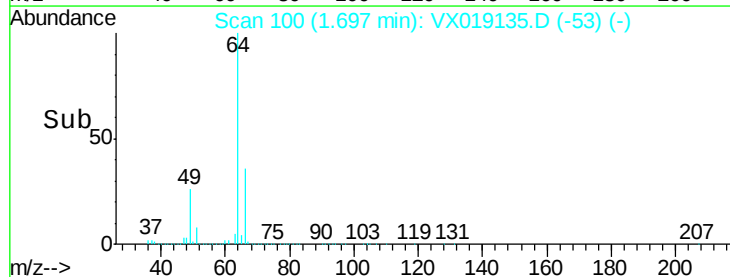


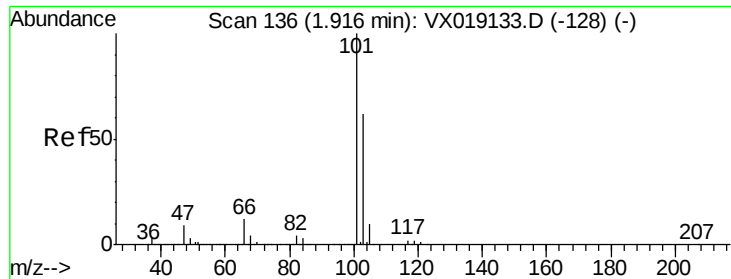
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->



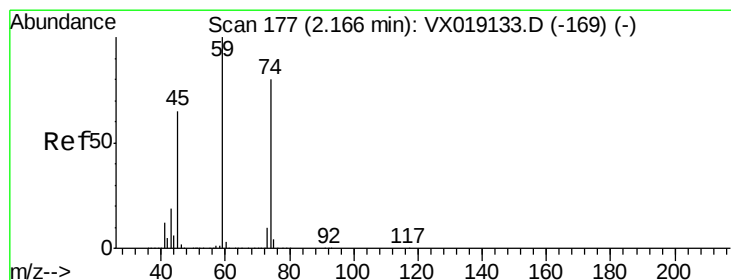
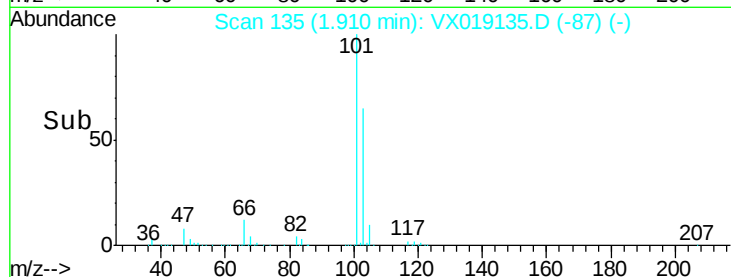
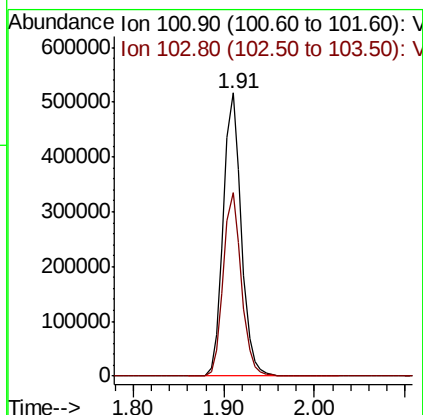
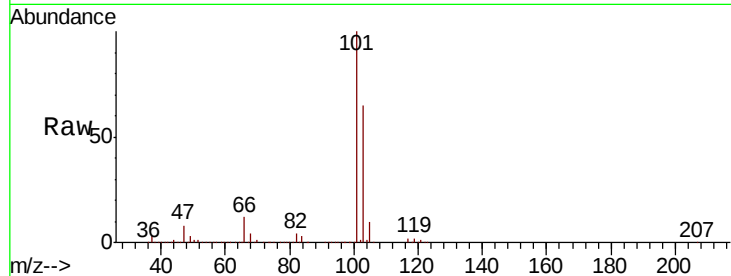


#7

Trichlorofluoromethane
Concen: 143.816 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

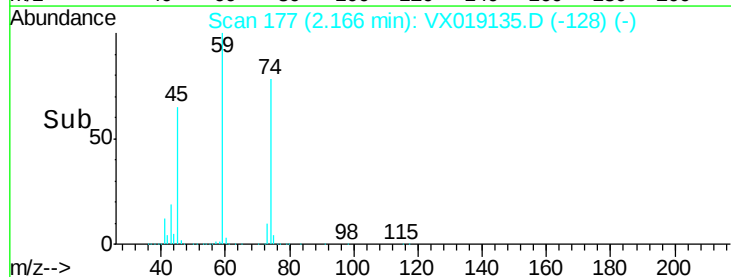
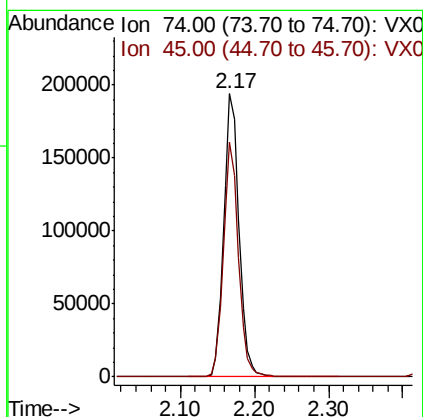
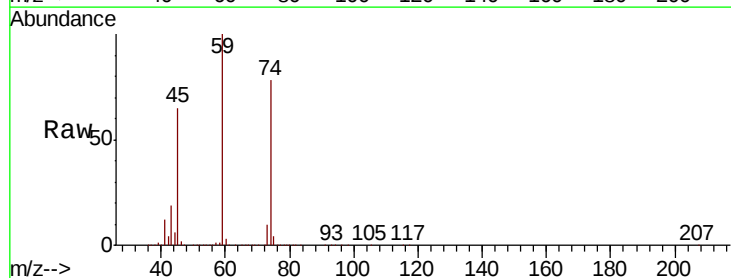
Tot Ion:101 Resp: 717481
Ion Ratio Lower Upper
101 100
103 65.0 50.0 75.0

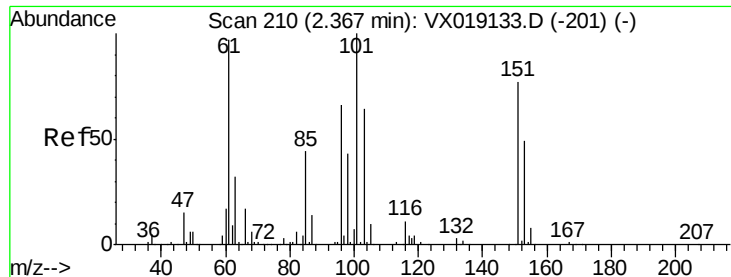


#8

Diethyl Ether
Concen: 141.401 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion: 74 Resp: 277998
Ion Ratio Lower Upper
74 100
45 81.1 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 158.624 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

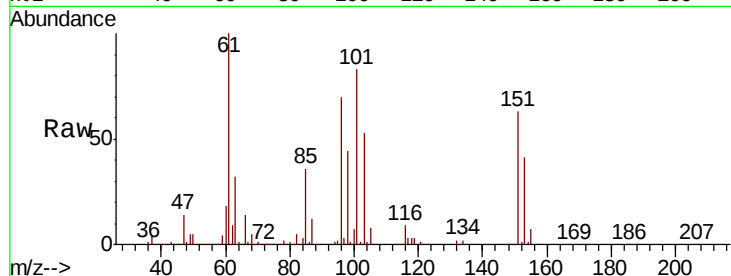
Tot Ion:101 Resp: 402480

Ion Ratio Lower Upper

101 100

85 43.9 35.0 52.4

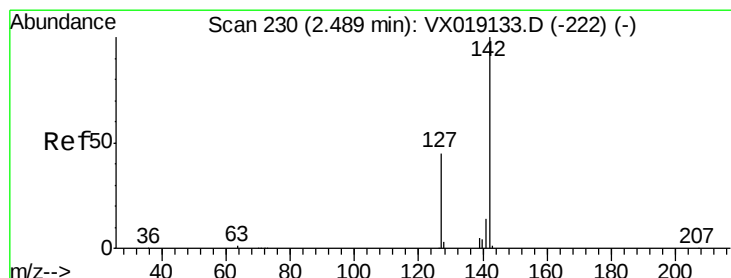
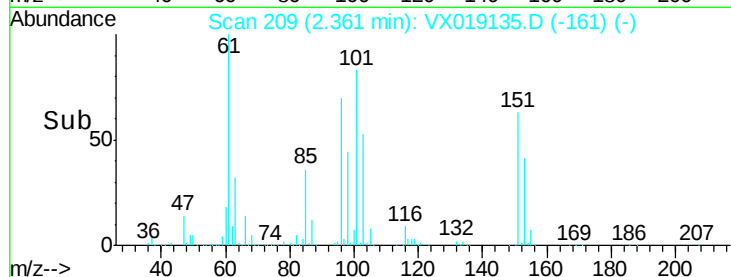
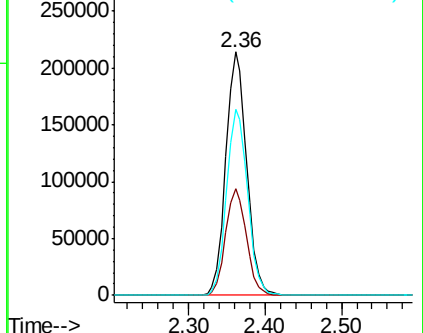
151 77.3 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 179.377 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

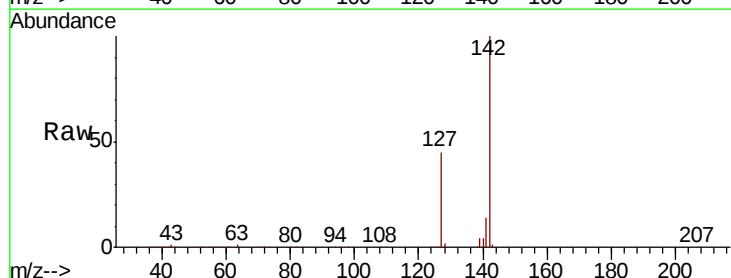
Tgt Ion:142 Resp: 502852

Ion Ratio Lower Upper

142 100

127 44.0 36.1 54.1

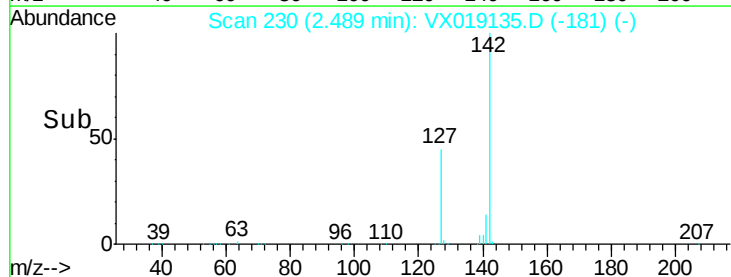
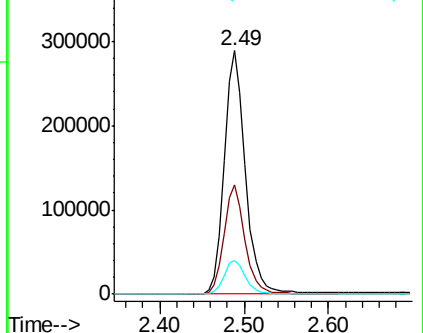
141 13.9 11.3 16.9

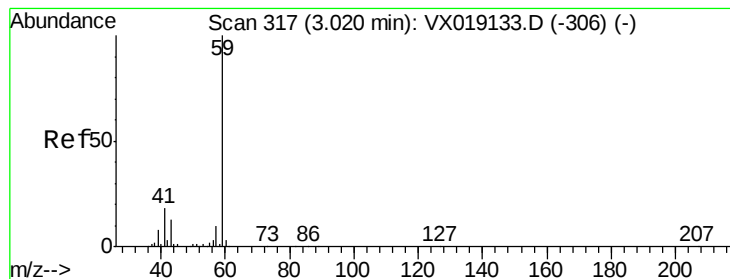


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



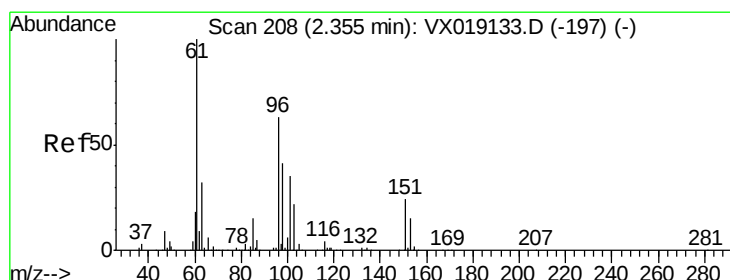
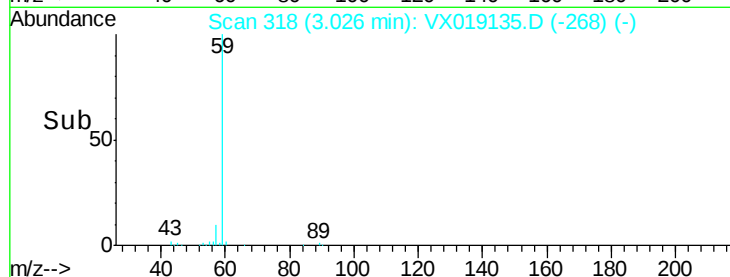
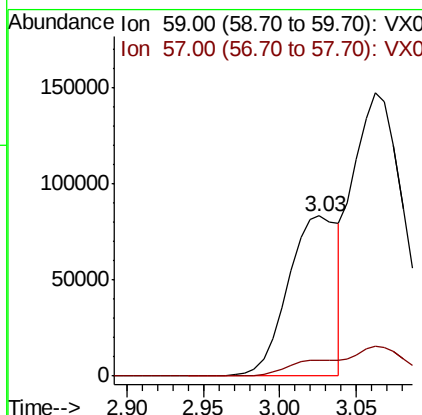
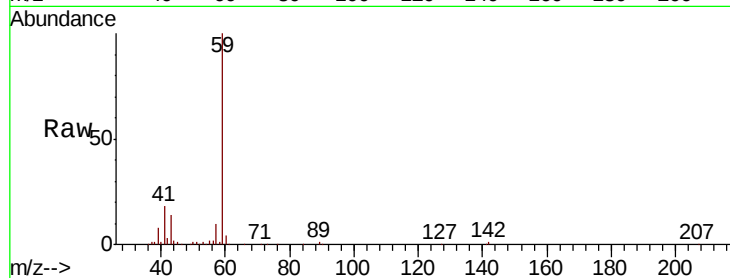


#11

Tert butyl alcohol
Concen: 283.757 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

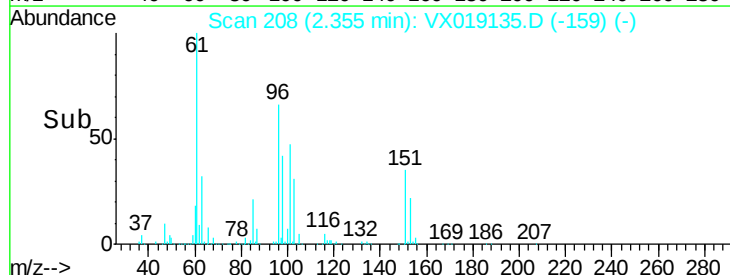
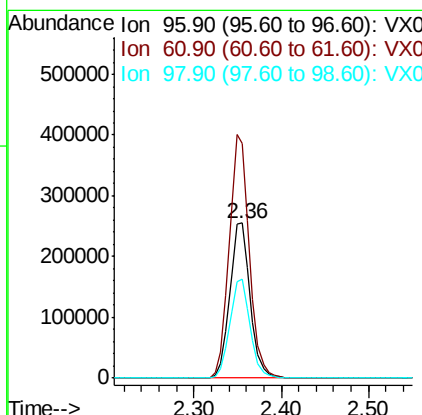
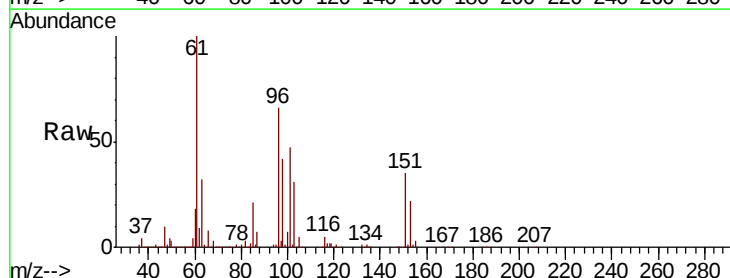
Tot Ion: 59 Resp: 191172
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

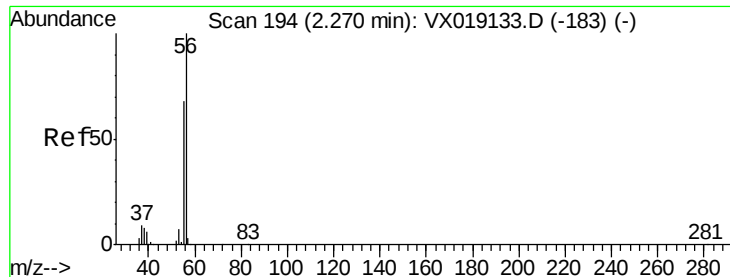


#12

1,1-Dichloroethene
Concen: 160.731 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion: 96 Resp: 412678
Ion Ratio Lower Upper
96 100
61 151.7 127.7 191.5
98 63.7 52.1 78.1





#13

Acrolein

Concen: 733.554 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

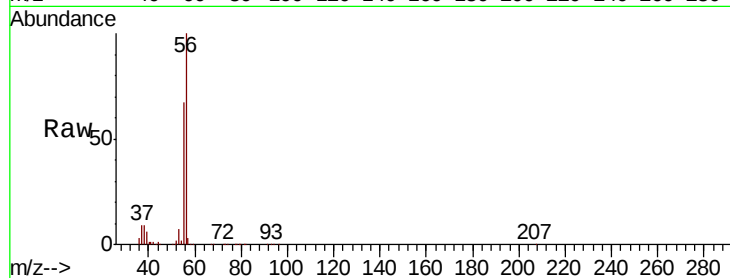
VSTDIC150

Tot Ion: 56 Resp: 239748

Ion Ratio Lower Upper

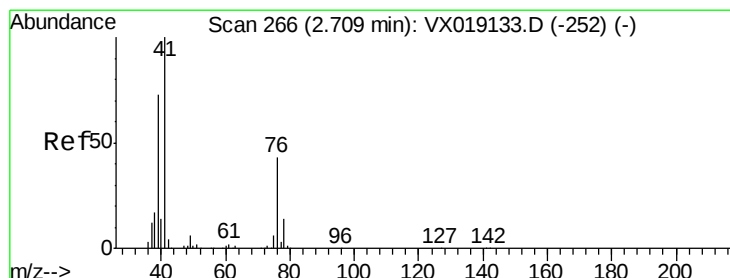
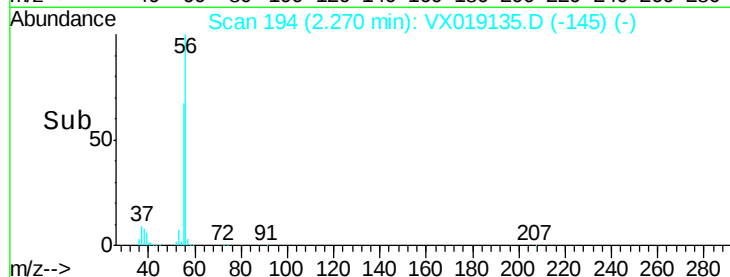
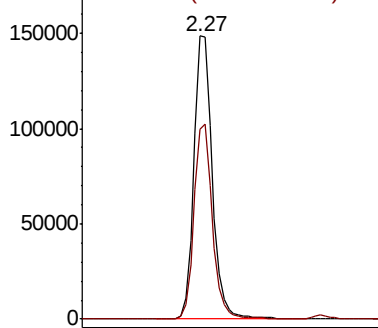
56 100

55 68.8 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 183.560 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

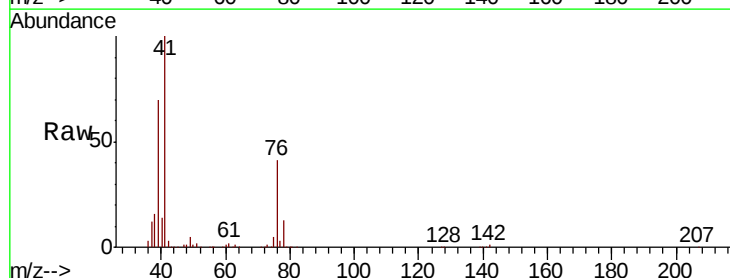
Tgt Ion: 41 Resp: 626623

Ion Ratio Lower Upper

41 100

39 68.6 55.2 82.8

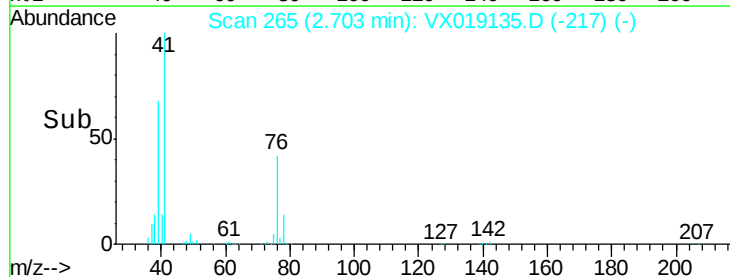
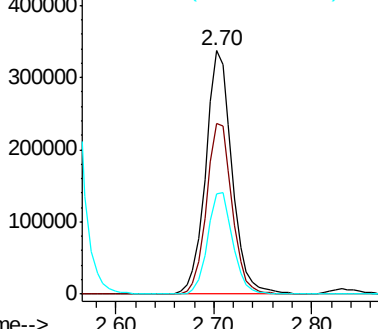
76 39.8 31.5 47.3

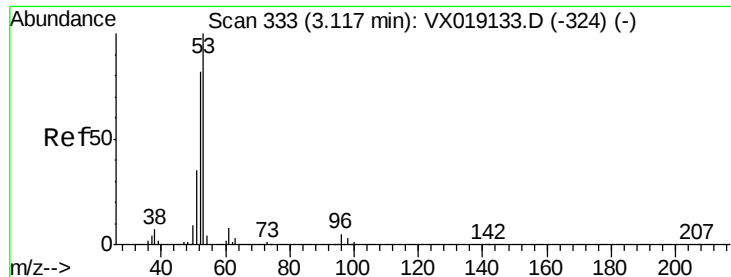


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 837.684 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

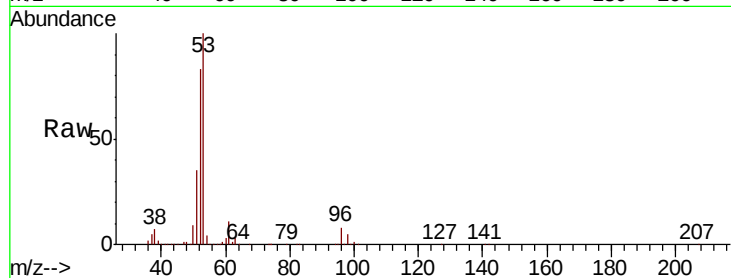
MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1133941

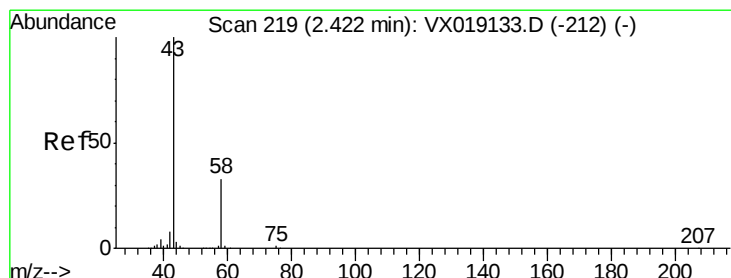
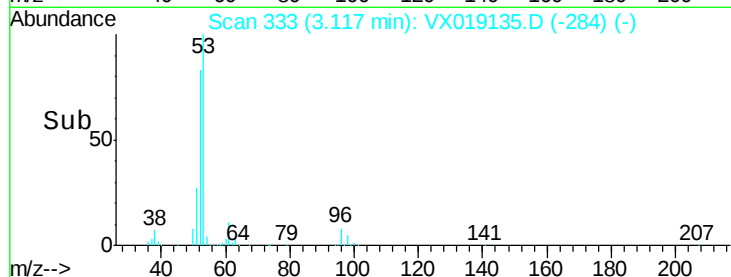
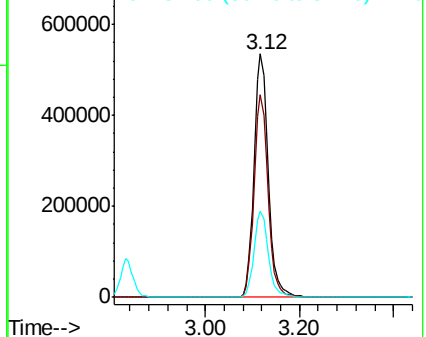
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.7	98.5
51	35.9	28.4	42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 843.953 ug/l

RT: 2.42 min Scan# 219

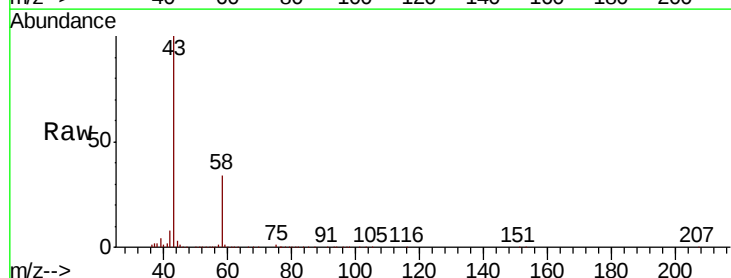
Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

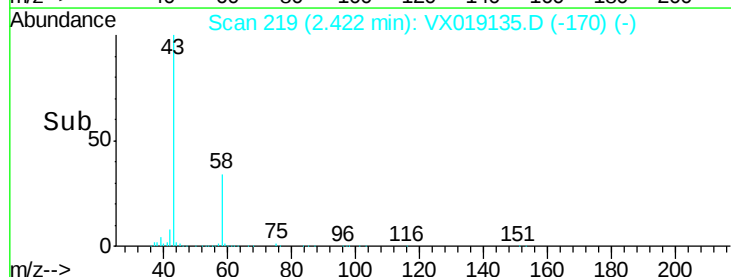
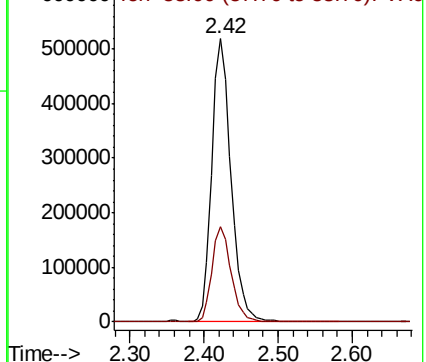
Tgt Ion: 43 Resp: 917388

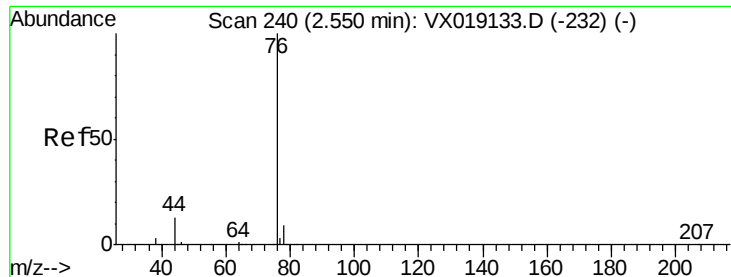
Ion	Ratio	Lower	Upper
43	100		
58	33.7	26.3	39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

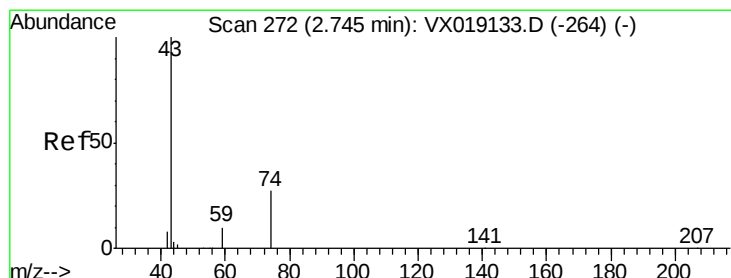
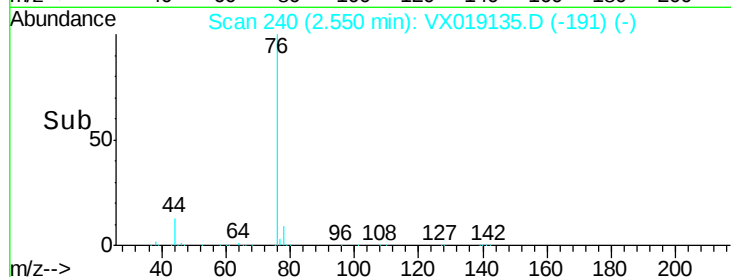
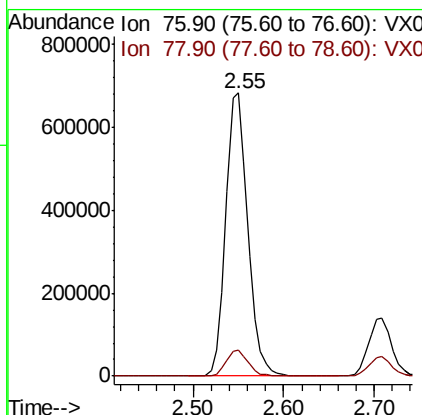
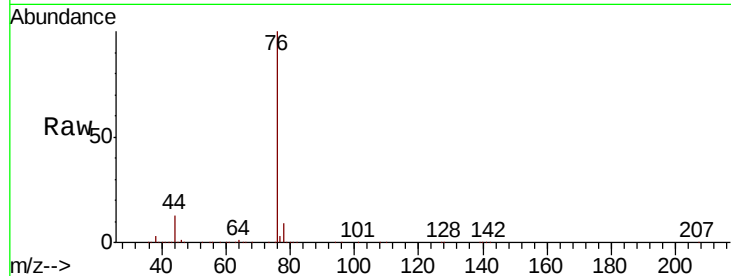




#17
Carbon Disulfide
Concen: 161.902 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

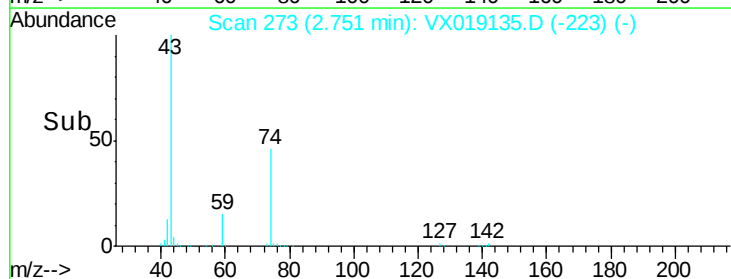
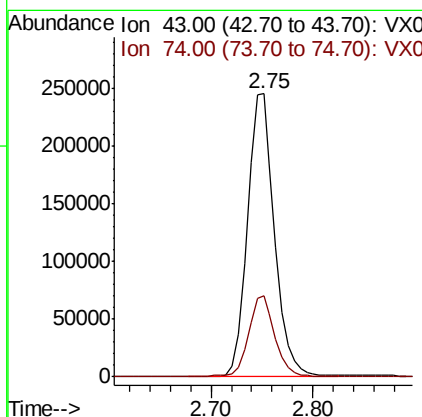
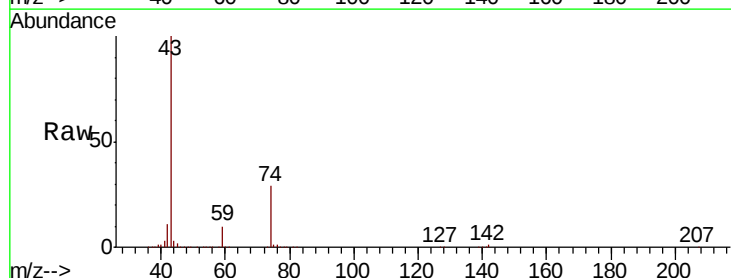
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

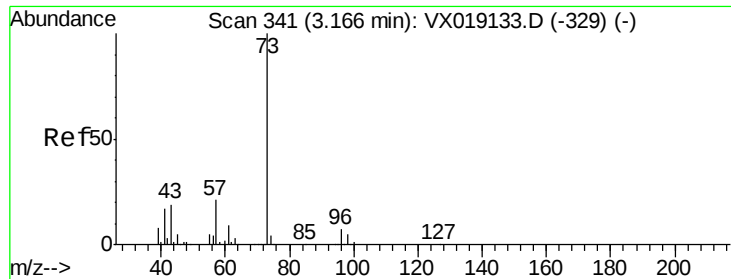
Tot Ion: 76 Resp: 1151761
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 168.417 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion: 43 Resp: 449928
Ion Ratio Lower Upper
43 100
74 28.3 22.6 33.8





#19

Methyl tert-butyl Ether
 Concen: 162.834 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

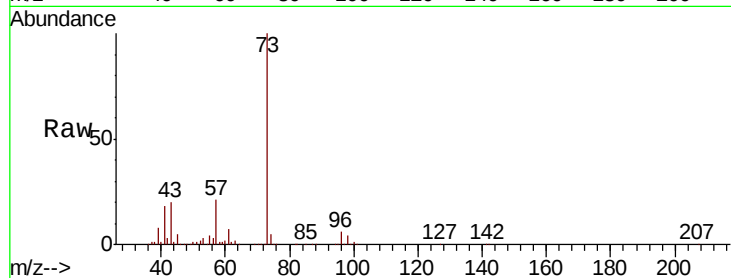
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 73 Resp: 1444402

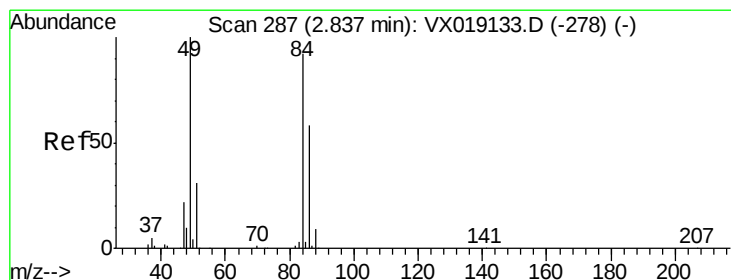
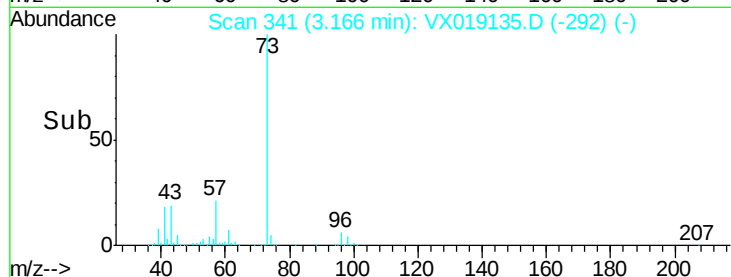
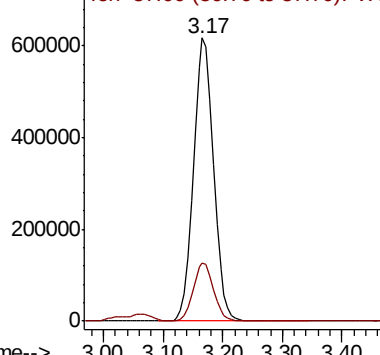
Ion Ratio Lower Upper

73 100

57 20.7 16.6 25.0



Abundance Ion 73.00 (72.70 to 73.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride
 Concen: 148.540 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Tgt Ion: 84 Resp: 458433

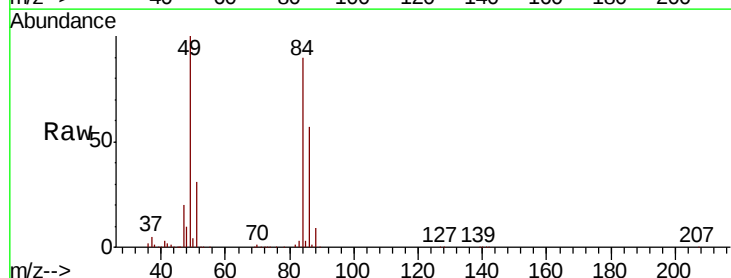
Ion Ratio Lower Upper

84 100

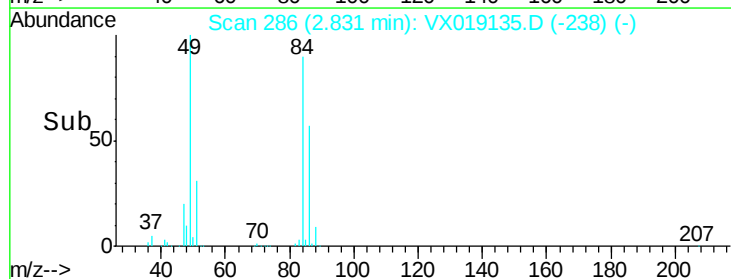
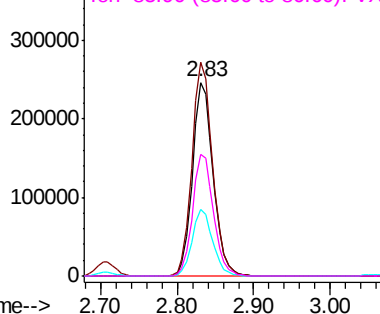
49 110.5 86.8 130.2

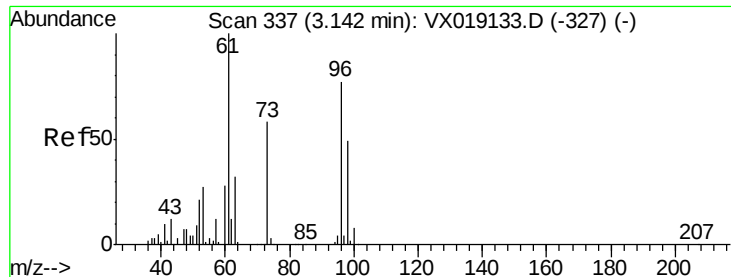
51 34.2 27.3 40.9

86 63.0 50.6 76.0



Abundance Ion 83.90 (83.60 to 84.60): VX0
 Ion 48.90 (48.60 to 49.60): VX0
 Ion 50.90 (50.60 to 51.60): VX0
 Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 154.406 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

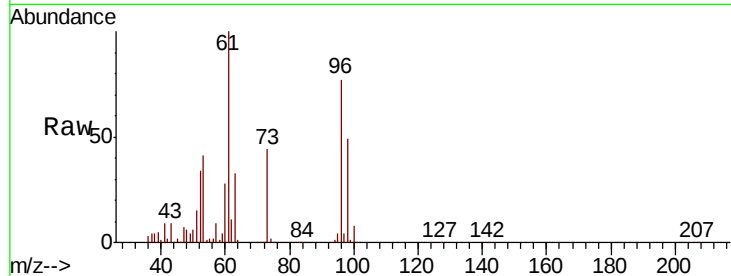
Tot Ion: 96 Resp: 466085

Ion Ratio Lower Upper

96 100

61 129.5 104.2 156.4

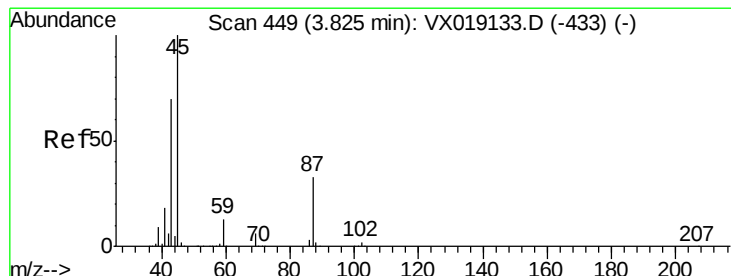
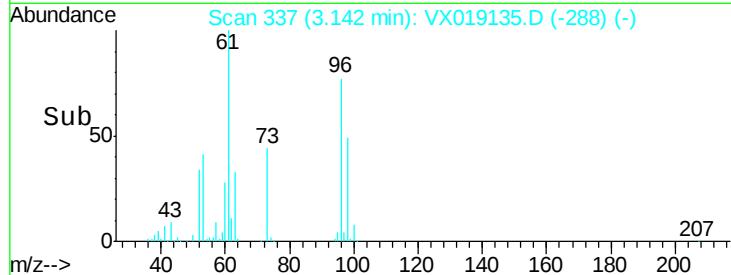
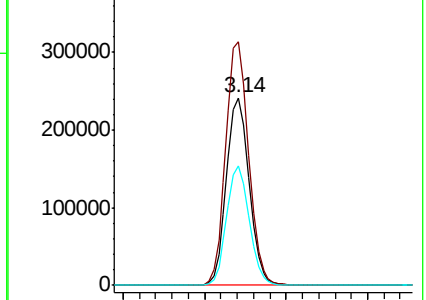
98 63.4 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 173.619 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Tgt Ion: 45 Resp: 1251781

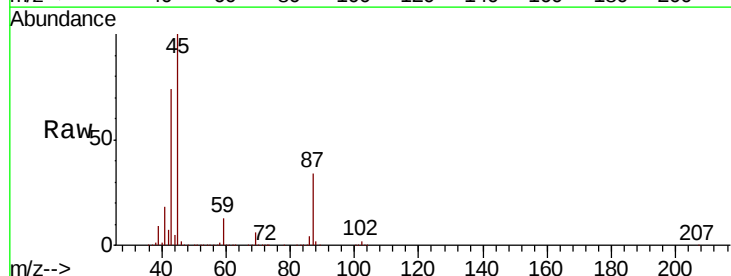
Ion Ratio Lower Upper

45 100

43 73.6 56.2 84.4

87 33.6 26.2 39.2

59 13.0 10.1 15.1

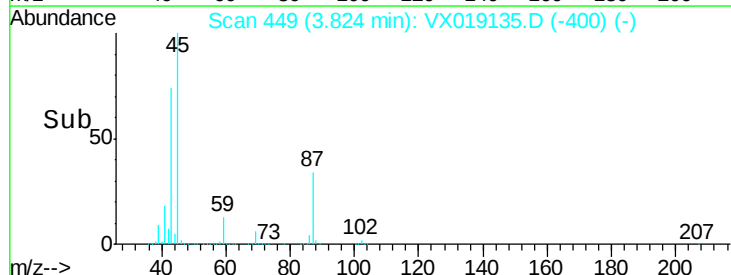
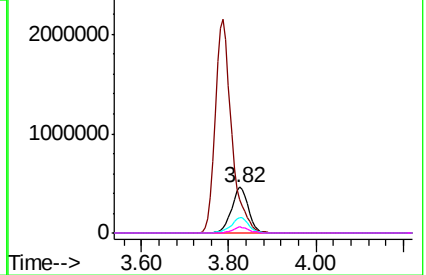


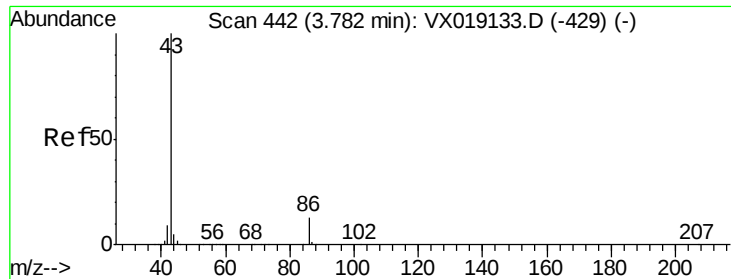
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 879.634 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

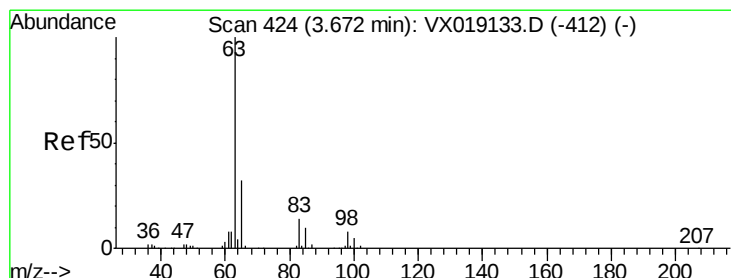
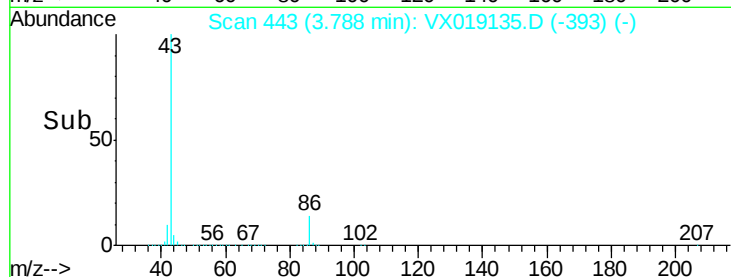
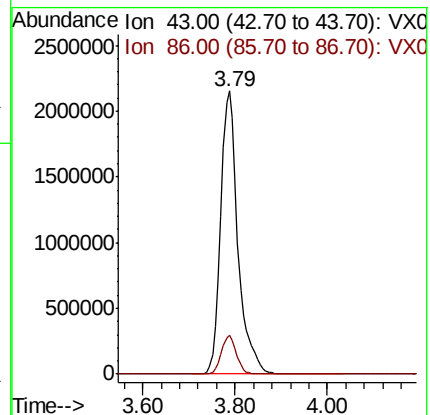
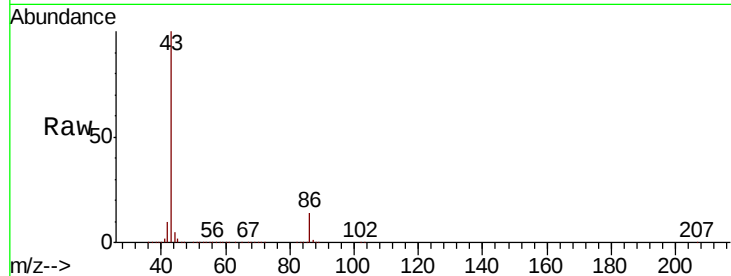
VSTDIC150

Tot Ion: 43 Resp: 5582803

Ion Ratio Lower Upper

43 100

86 13.8 10.4 15.6



#24

1,1-Dichloroethane

Concen: 165.567 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

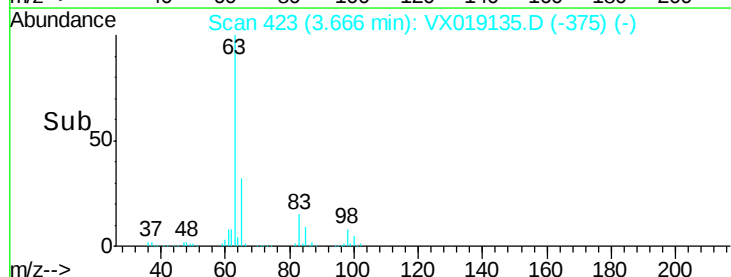
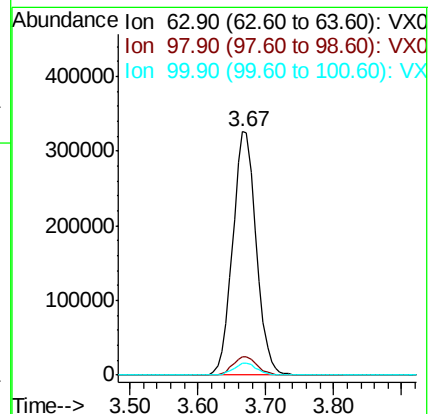
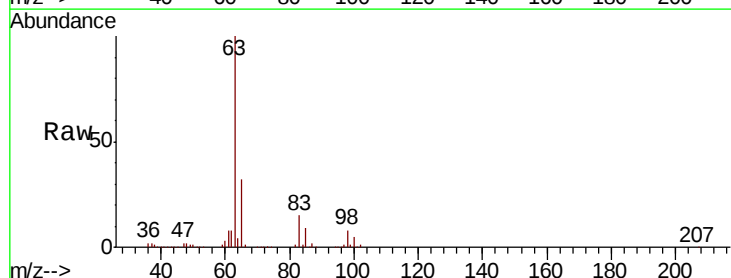
Tgt Ion: 63 Resp: 779997

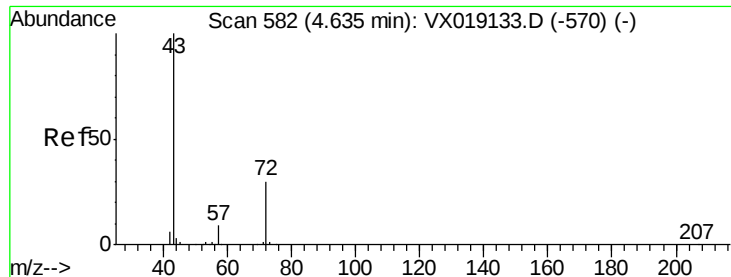
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 5.1 2.4 7.2

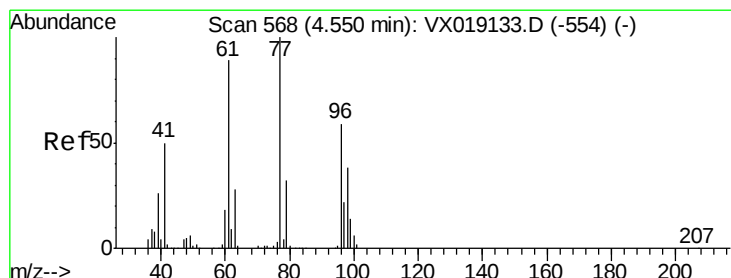
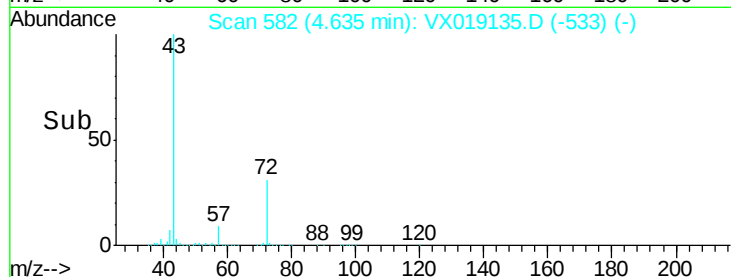
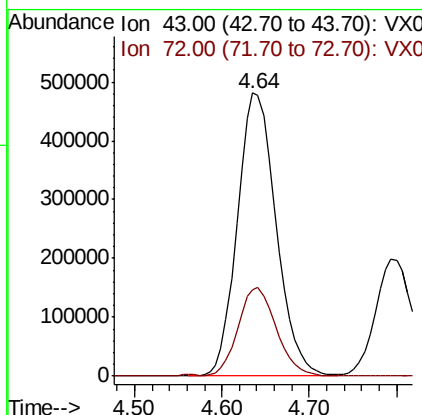
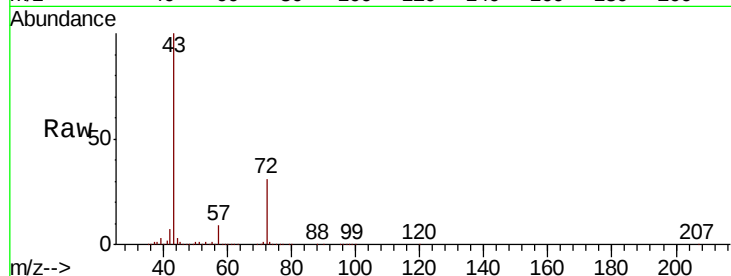




#25
2-Butanone
Concen: 854.544 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

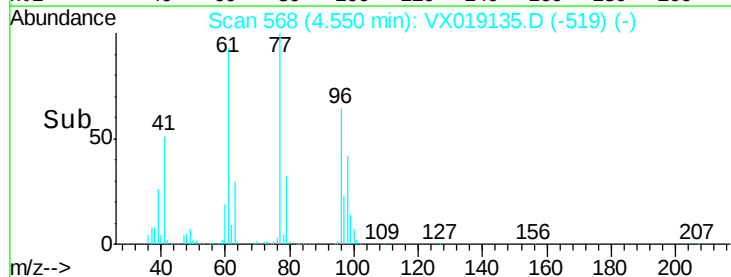
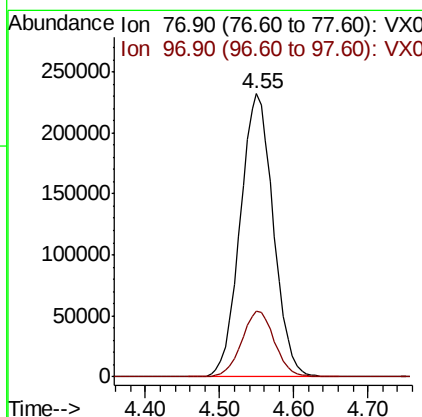
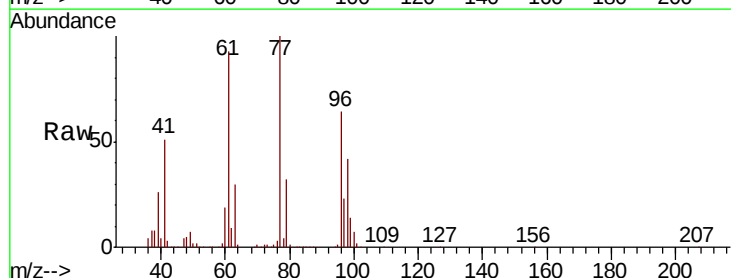
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

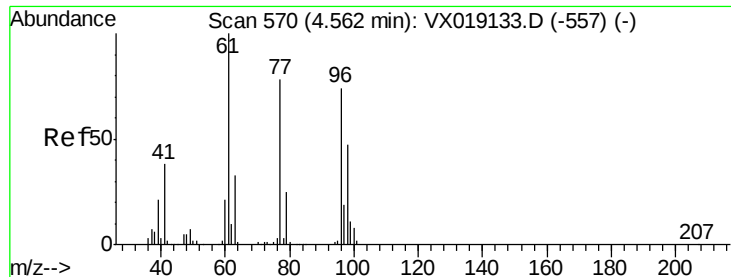
Tot Ion: 43 Resp: 1481539
Ion Ratio Lower Upper
43 100
72 30.5 24.6 36.8



#26
2,2-Dichloropropane
Concen: 162.697 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion: 77 Resp: 721112
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1



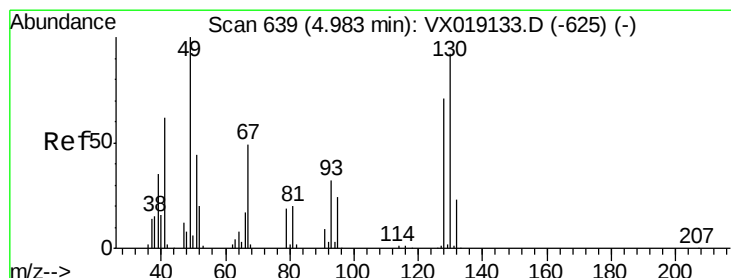
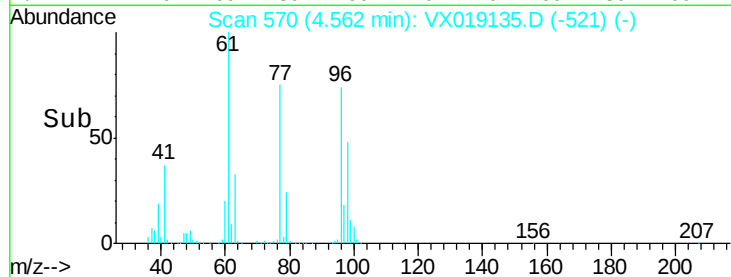
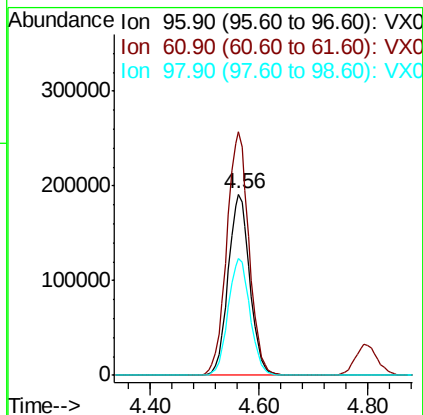
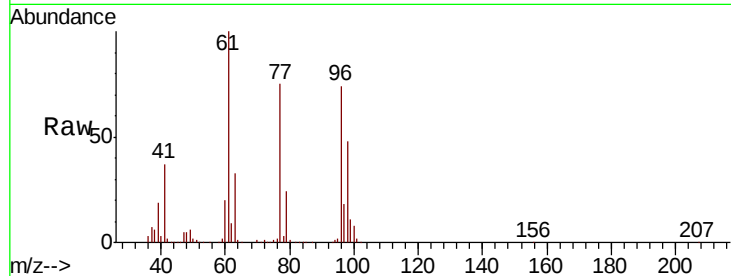


#27

cis-1,2-Dichloroethene
Concen: 155.428 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

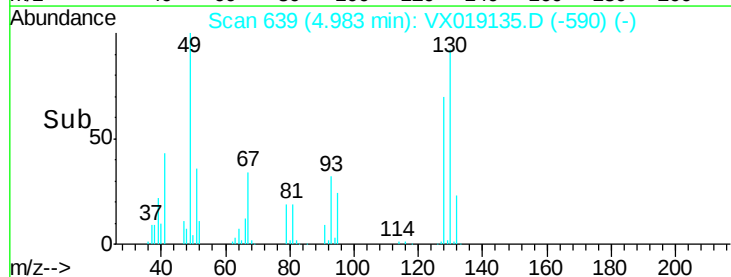
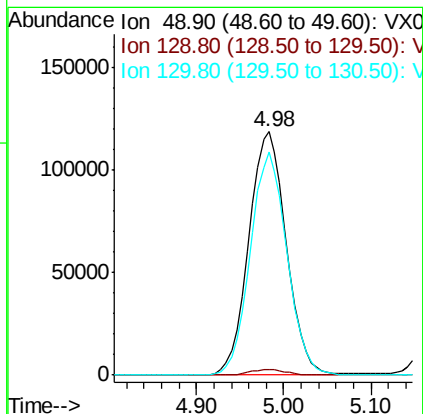
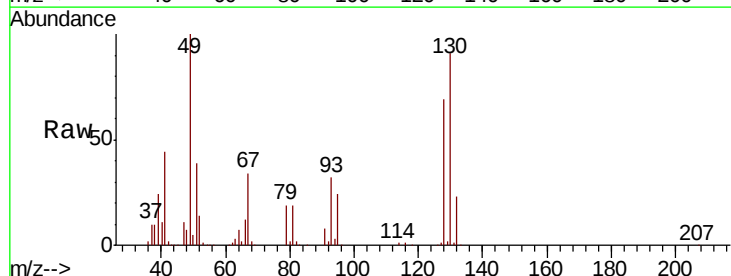
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	278.8
98	65.4	0.0	130.2

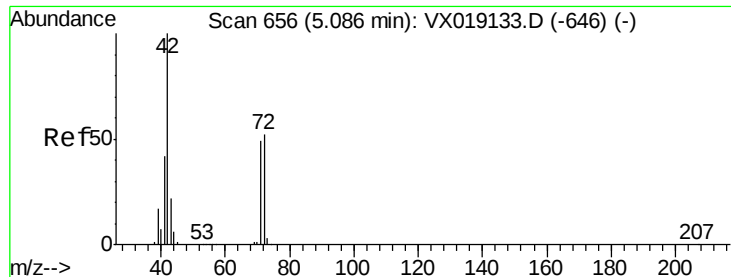


#28

Bromochloromethane
Concen: 173.155 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	89.9	71.3	106.9





#29

Tetrahydrofuran

Concen: 861.004 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

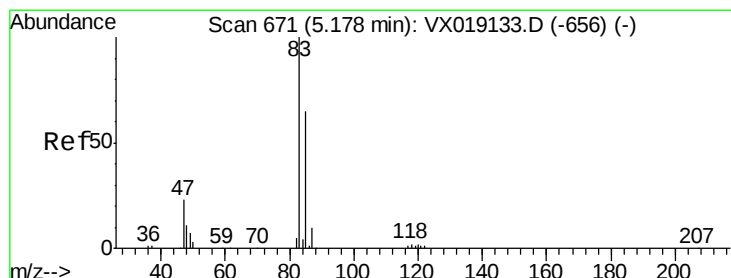
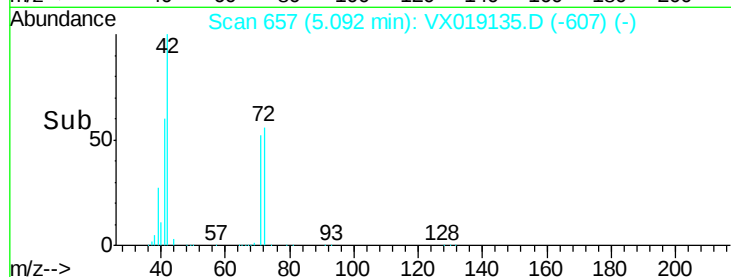
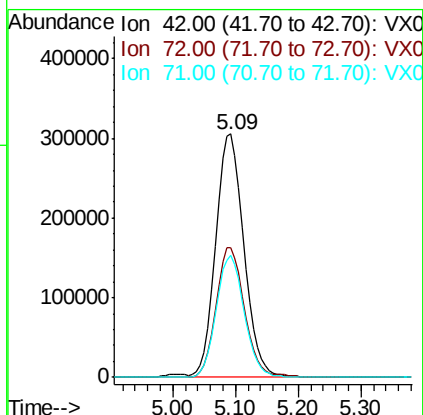
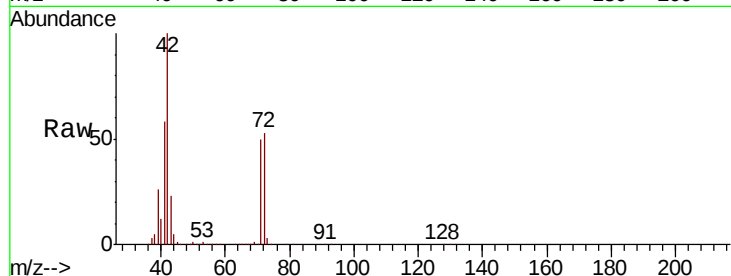
Tot Ion: 42 Resp: 950282

Ion Ratio Lower Upper

42 100

72 54.1 42.6 63.8

71 49.8 39.7 59.5



#30

Chloroform

Concen: 159.514 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX019135.D

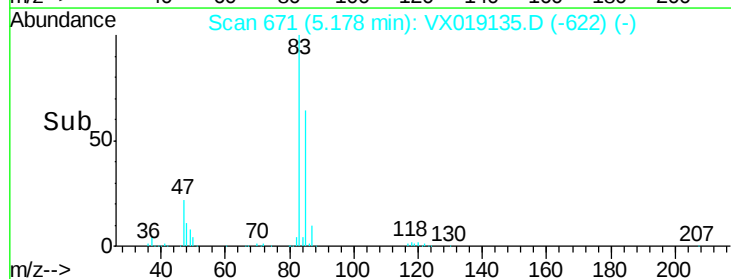
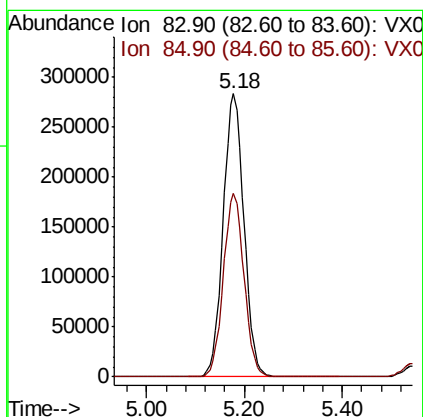
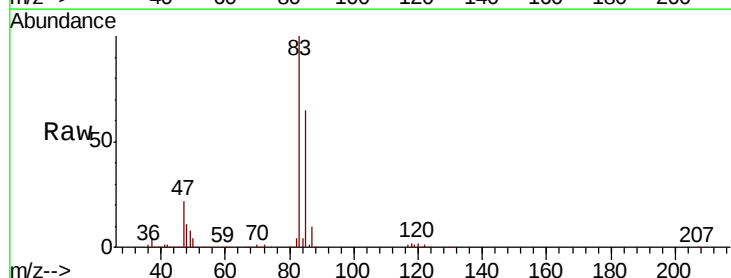
Acq: 27 Oct 2020 13:25

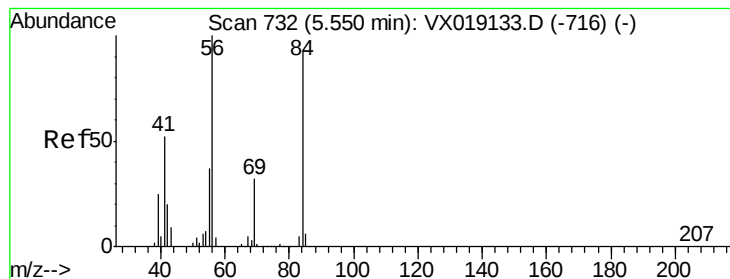
Tgt Ion: 83 Resp: 832791

Ion Ratio Lower Upper

83 100

85 64.7 51.9 77.9





#31

Cvclohexane

Concen: 161.749 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

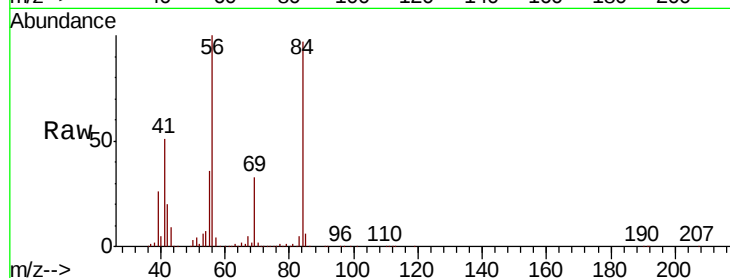
Tot Ion: 56 Resp: 674673

Ion Ratio Lower Upper

56 100

69 33.4 25.9 38.9

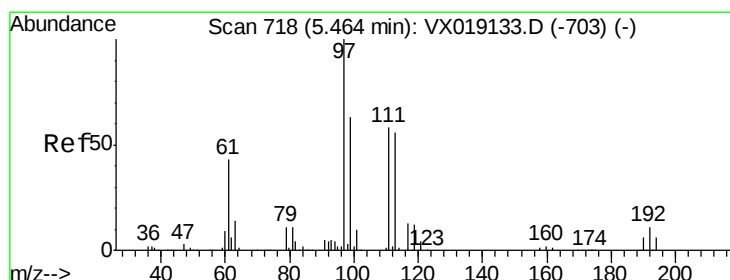
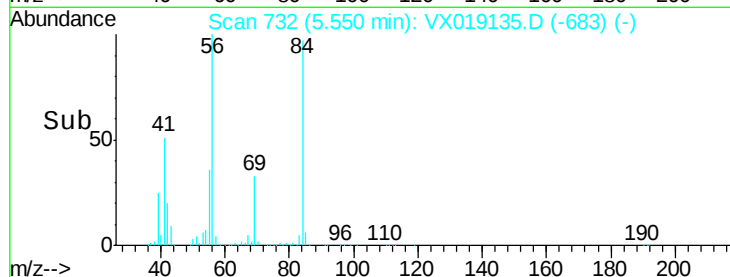
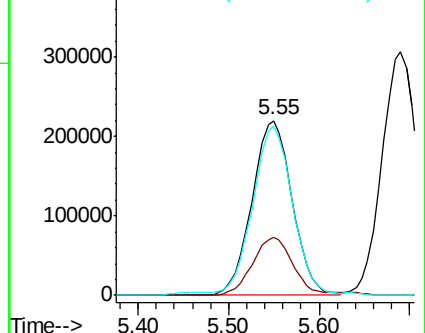
84 95.4 73.4 110.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 164.859 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

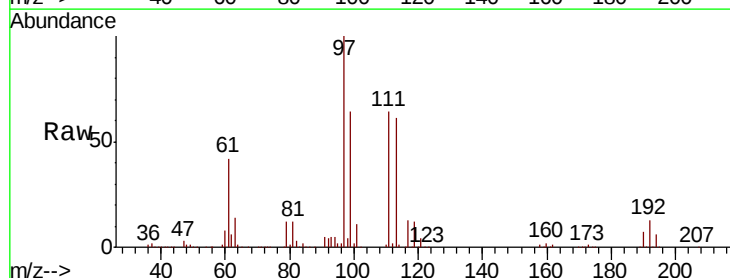
Tgt Ion: 97 Resp: 767861

Ion Ratio Lower Upper

97 100

99 64.3 51.7 77.5

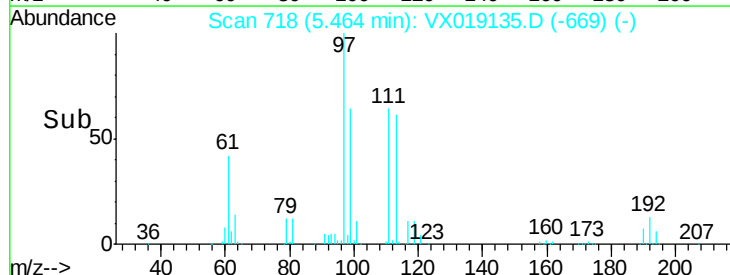
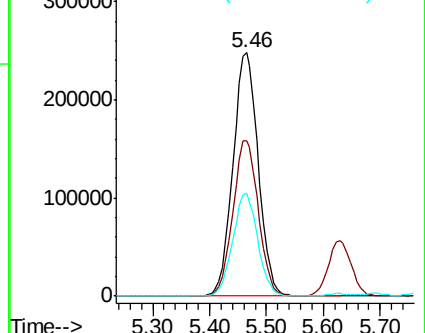
61 41.9 34.2 51.2

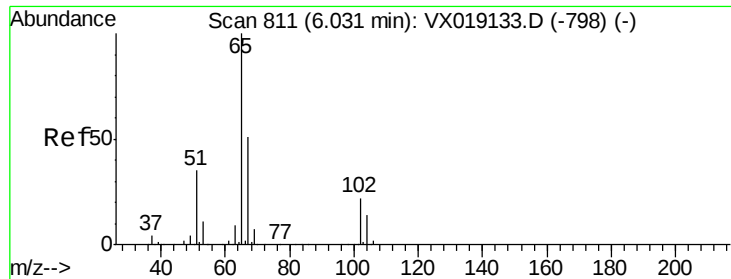


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

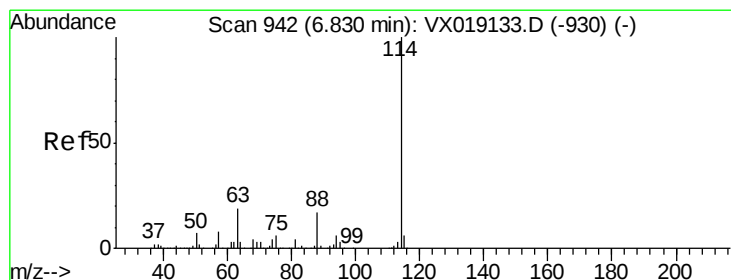
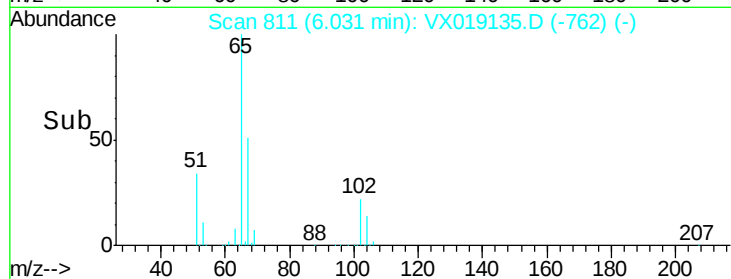
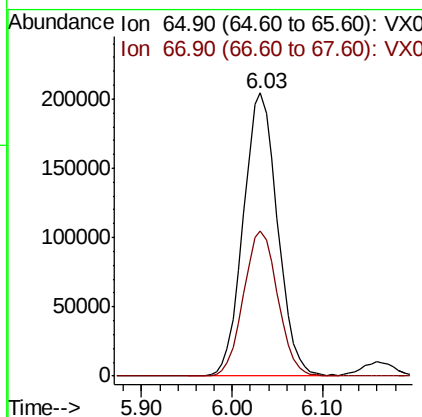
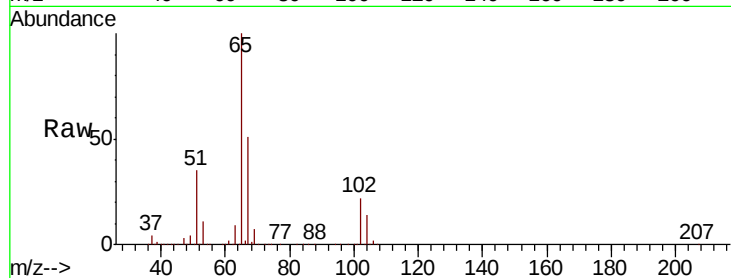




#33
 1,2-Dichloroethane-d4
 Concen: 162.288 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

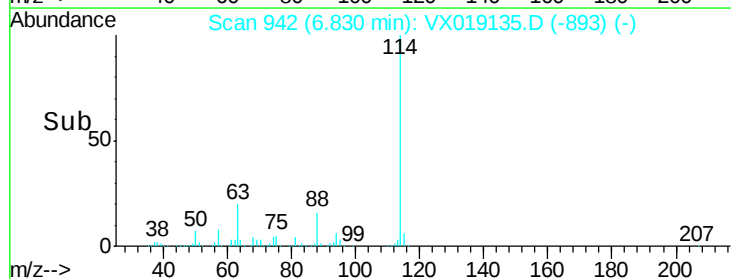
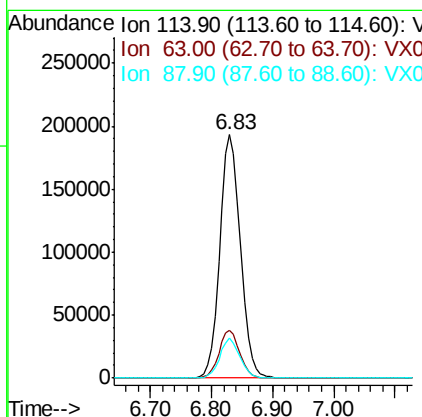
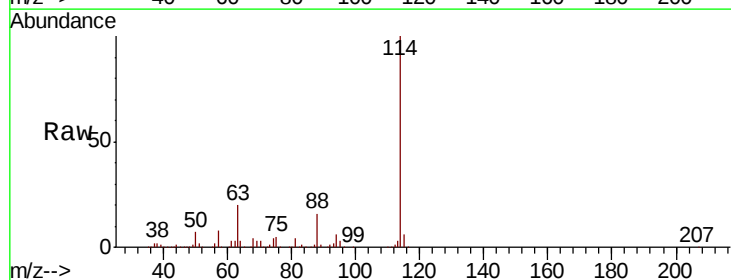
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

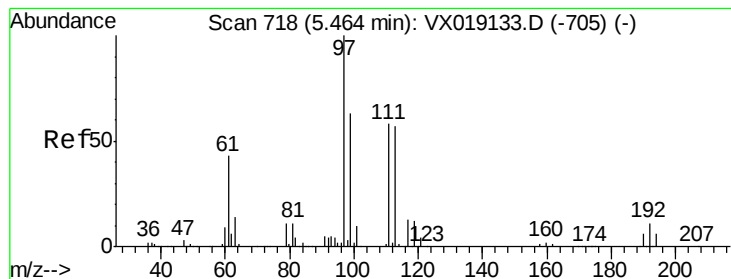
Tot Ion: 65 Resp: 533796
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Tgt Ion: 114 Resp: 451457
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.8
 88 16.3 0.0 34.2





#35

Dibromofluoromethane

Concen: 158.101 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

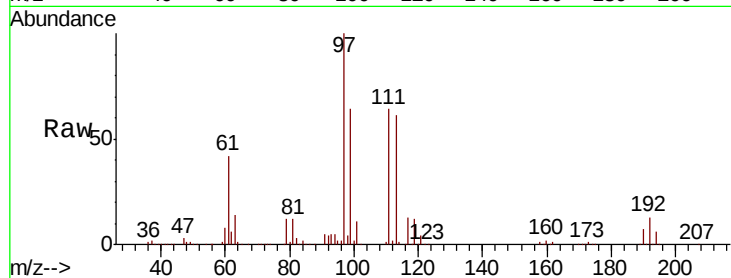
Tot Ion:113 Resp: 438562

Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

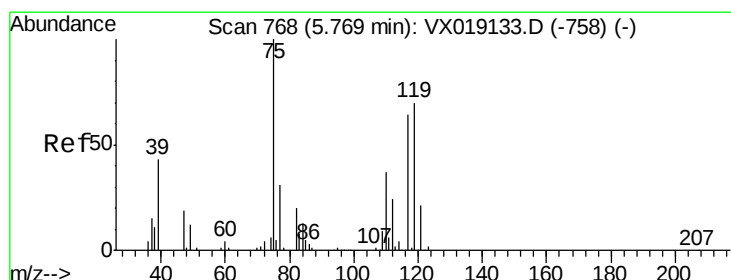
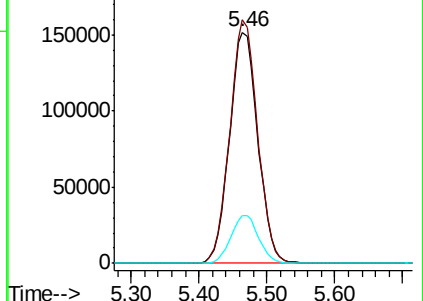
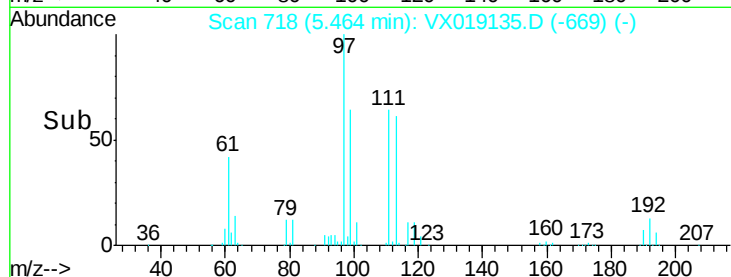
192 20.5 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 159.042 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

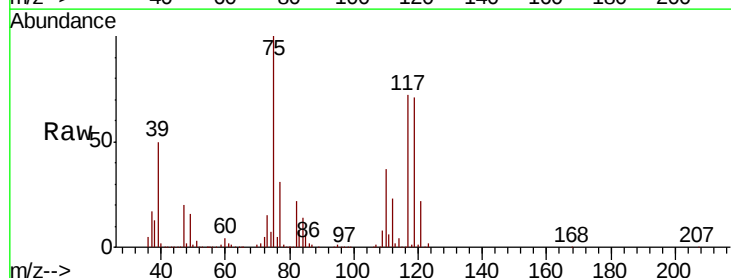
Tgt Ion: 75 Resp: 629624

Ion Ratio Lower Upper

75 100

110 37.0 18.3 54.9

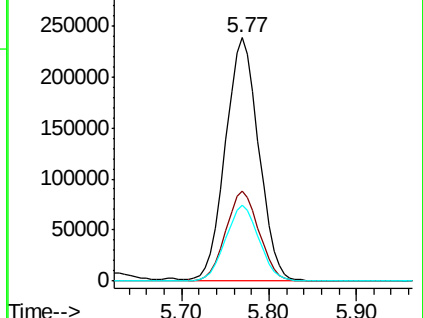
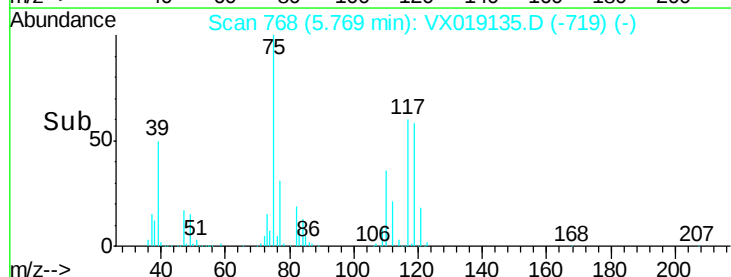
77 31.1 24.9 37.3

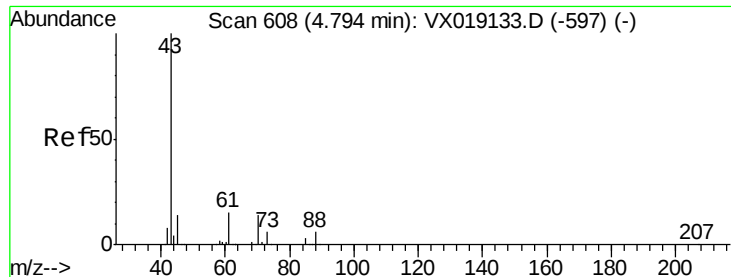


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

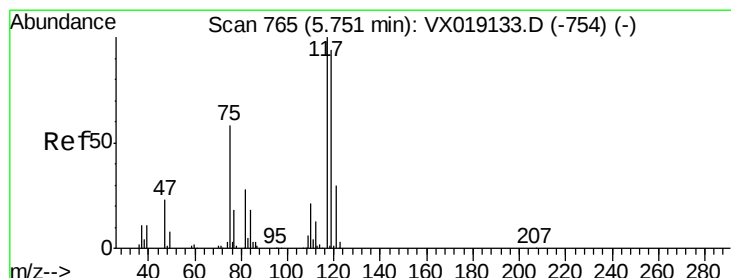
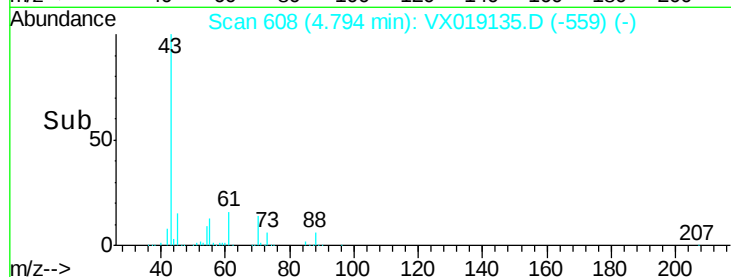
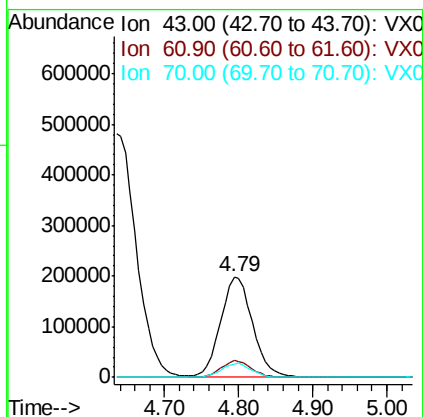
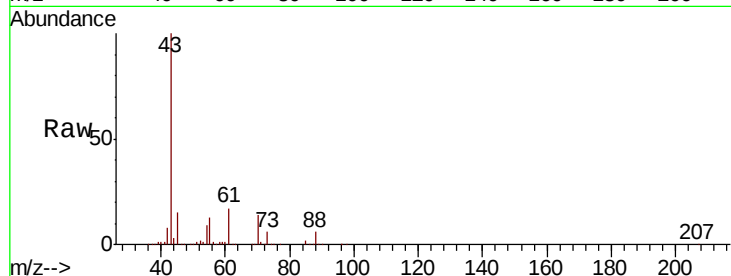




#37
Ethyl Acetate
Concen: 169.613 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

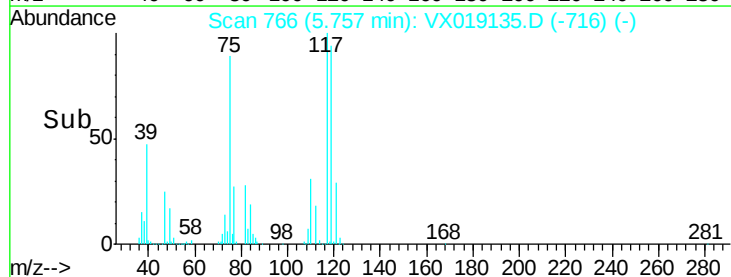
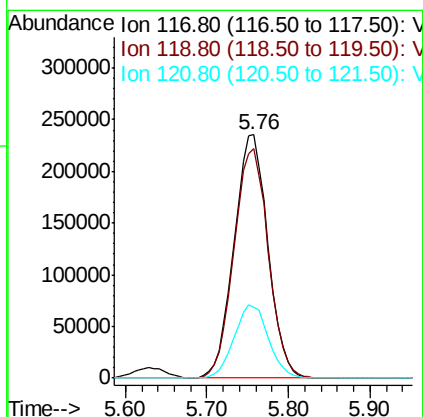
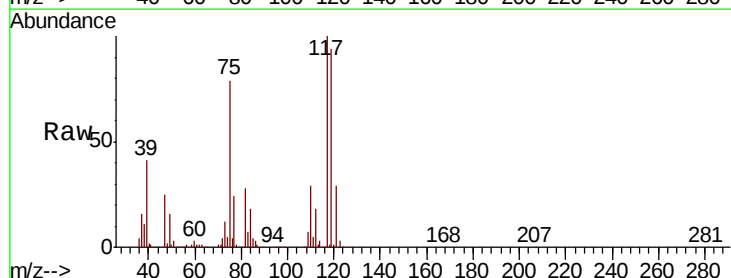
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

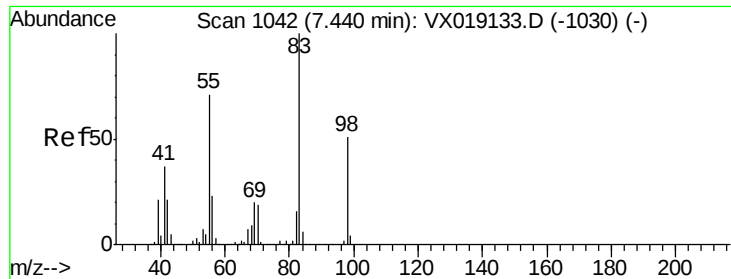
Tot Ion: 43 Resp: 592378
Ion Ratio Lower Upper
43 100
61 15.8 12.5 18.7
70 13.4 10.5 15.7



#38
Carbon Tetrachloride
Concen: 166.223 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion: 117 Resp: 677282
Ion Ratio Lower Upper
117 100
119 94.1 75.0 112.6
121 29.2 23.9 35.9

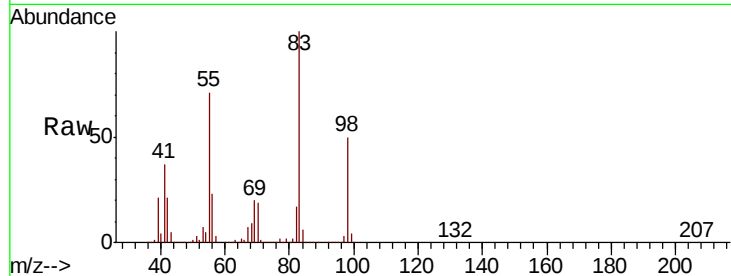




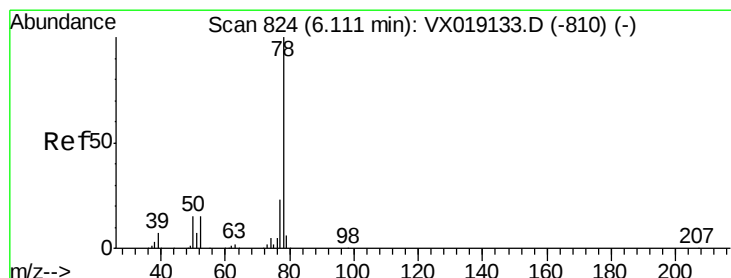
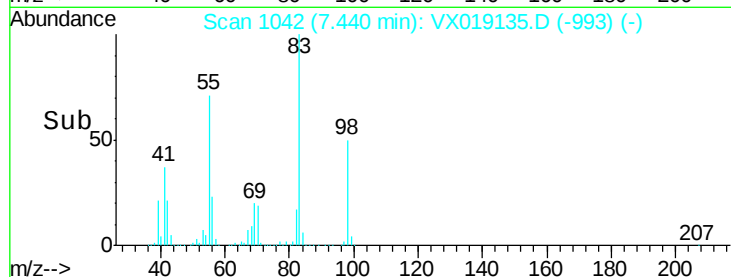
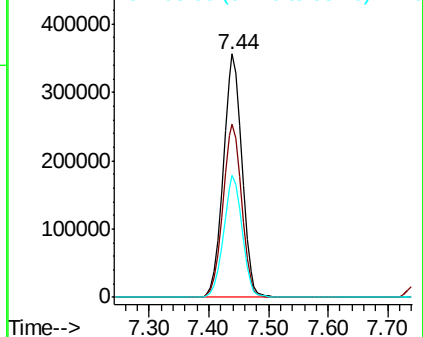
#39
Methvlcvclohexane
Concen: 159.824 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 775738
Ion Ratio Lower Upper
83 100
55 71.1 57.0 85.6
98 50.1 40.5 60.7

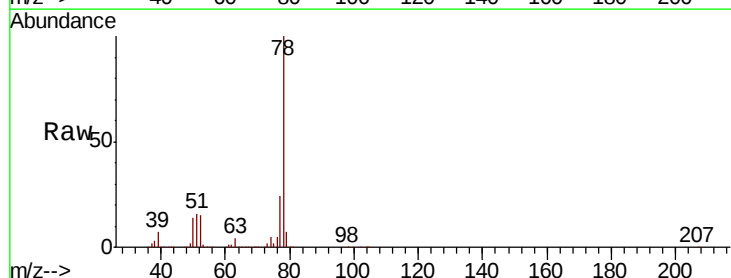


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

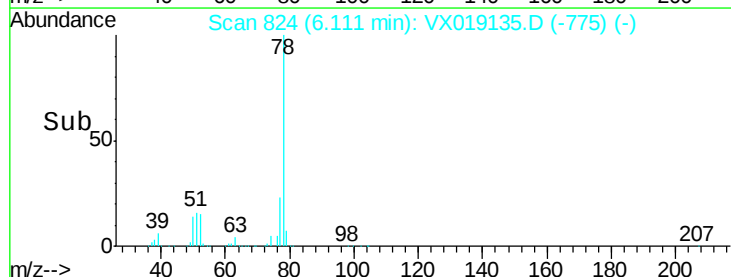
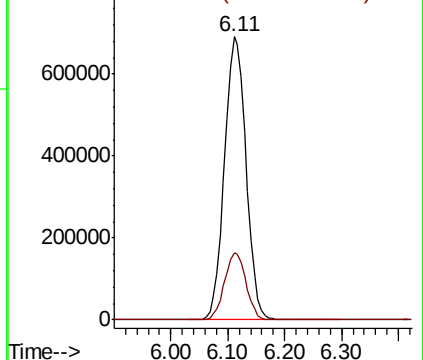


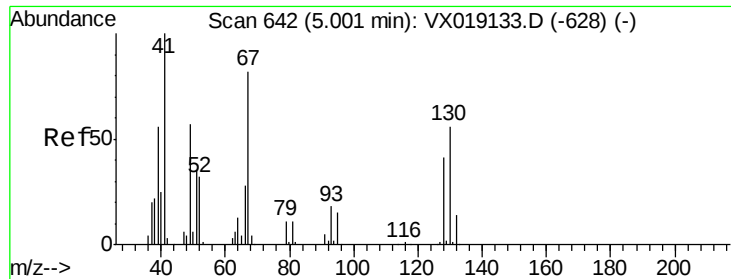
#40
Benzene
Concen: 157.058 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion: 78 Resp: 1822557
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 174.941 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 315353

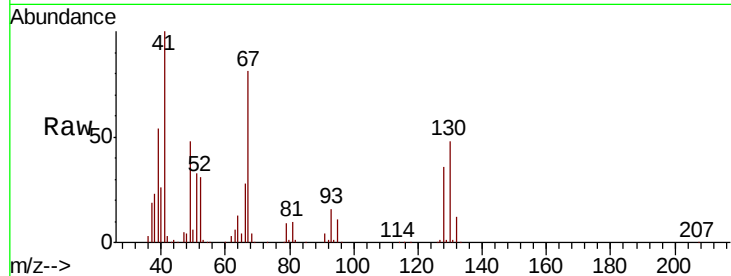
Ion Ratio Lower Upper

41 100

39 56.8 44.4 66.6

67 84.6 66.4 99.6

52 32.5 26.2 39.4

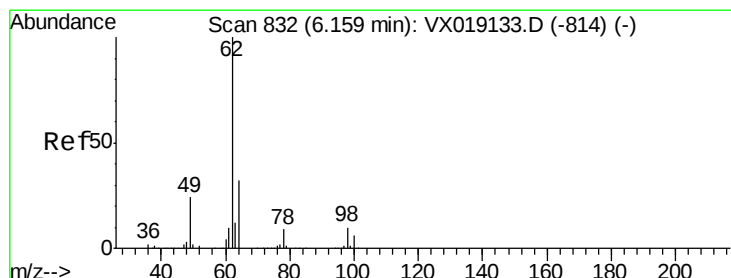
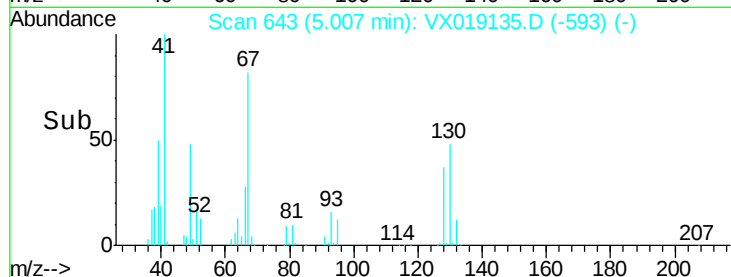
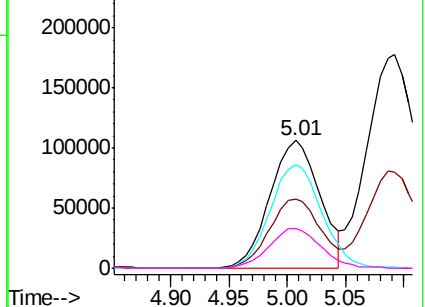


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 167.329 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019135.D

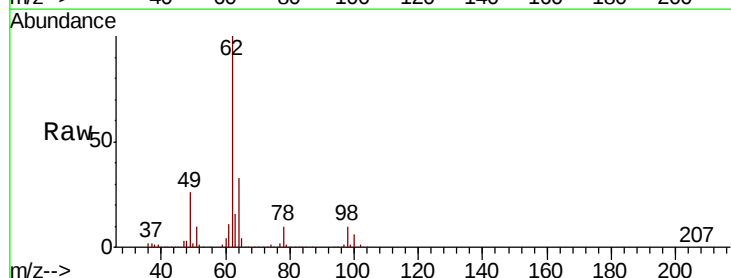
Acq: 27 Oct 2020 13:25

Tgt Ion: 62 Resp: 663686

Ion Ratio Lower Upper

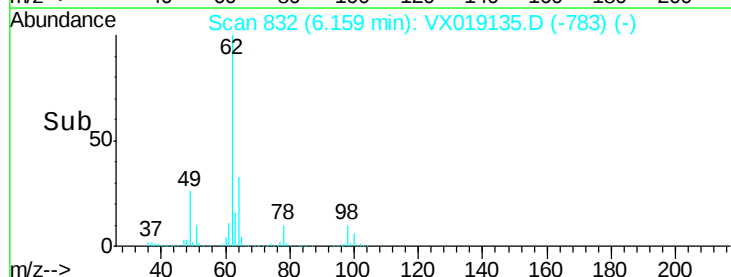
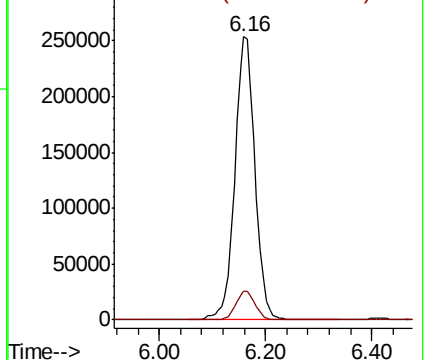
62 100

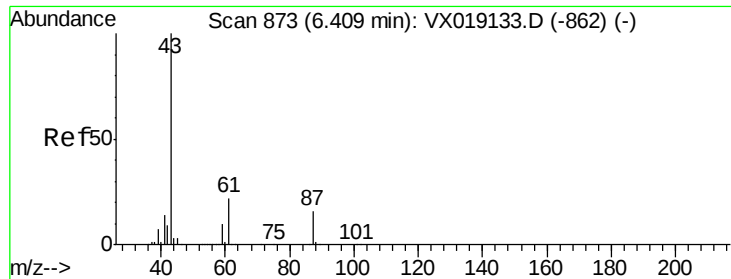
98 9.8 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



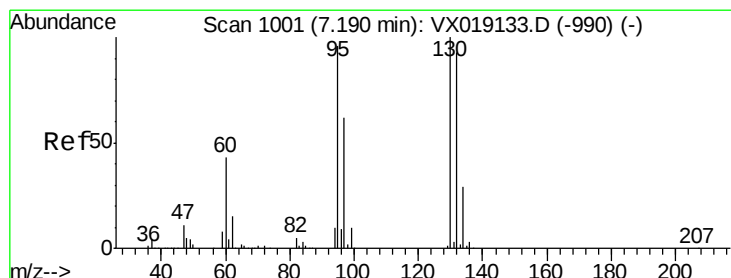
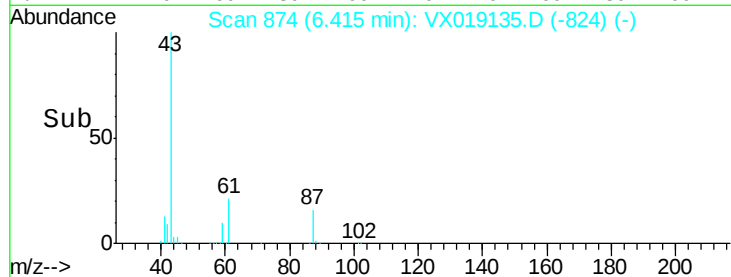
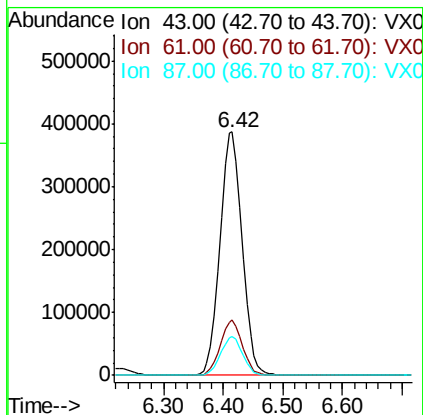
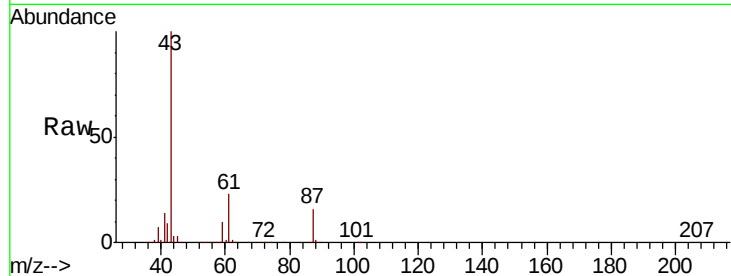


#43

Isopropyl Acetate
 Concen: 174.882 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

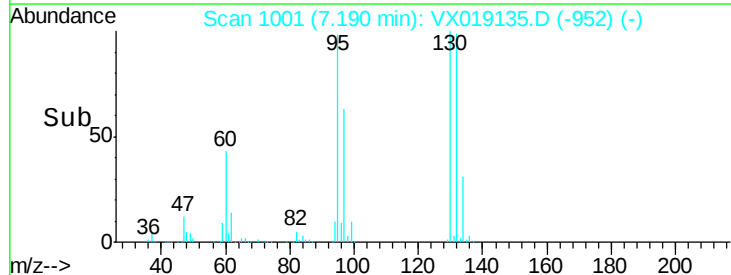
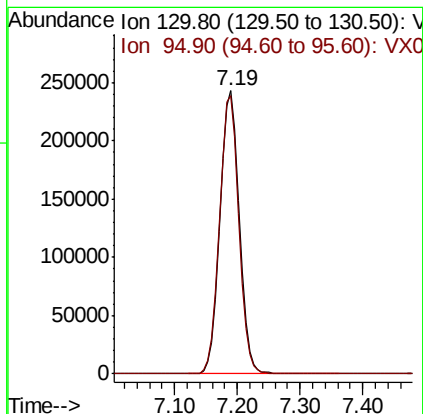
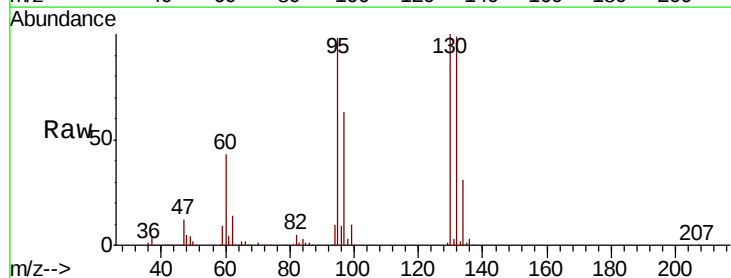
Tot Ion	43	Resp	999297
Ion Ratio	Lower	Upper	
43	100		
61	22.5	17.8	26.6
87	16.0	12.6	19.0

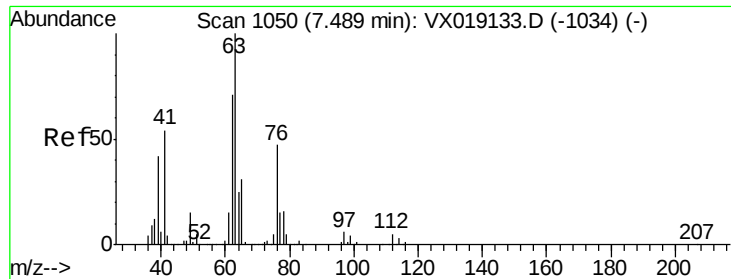


#44

Trichloroethene
 Concen: 156.300 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Tgt Ion	130	Resp	519373
Ion Ratio	Lower	Upper	
130	100		
95	98.5	0.0	192.0





#45

1,2-Dichloropropane

Concen: 166.221 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

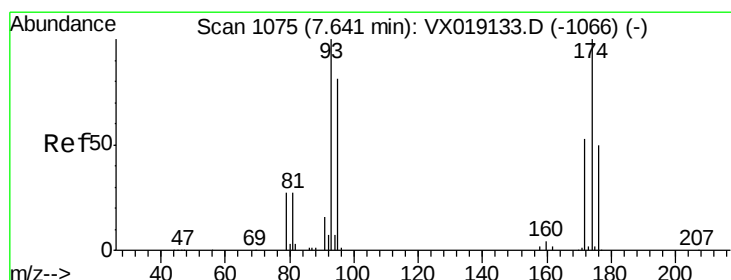
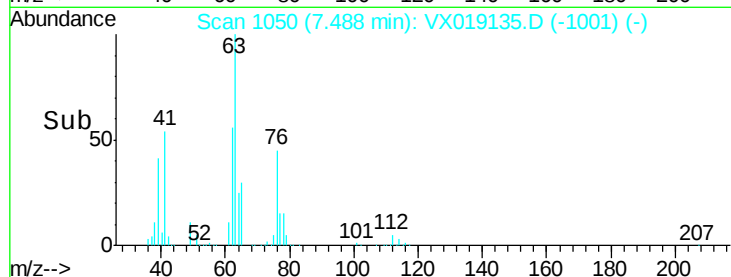
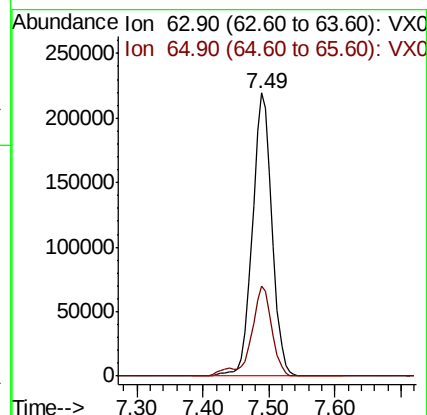
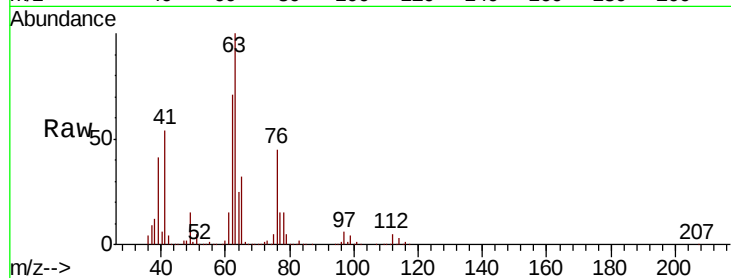
VSTDIC150

Tot Ion: 63 Resp: 453642

Ion Ratio Lower Upper

63 100

65 31.7 25.2 37.8



#46

Dibromomethane

Concen: 160.577 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

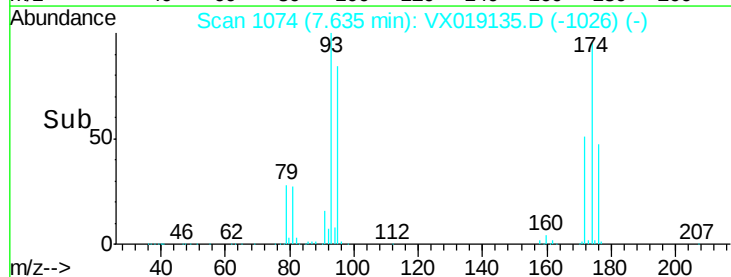
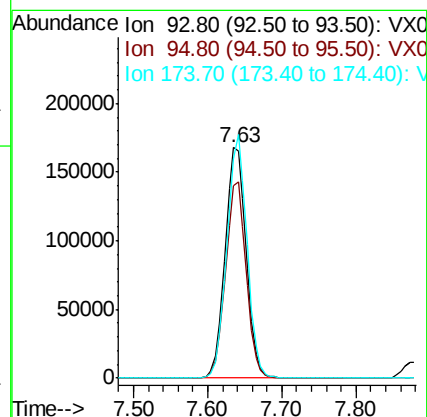
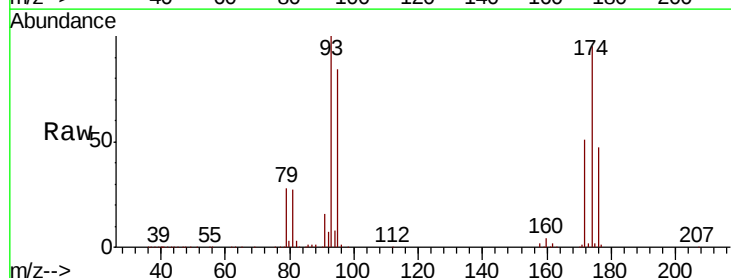
Tgt Ion: 93 Resp: 330167

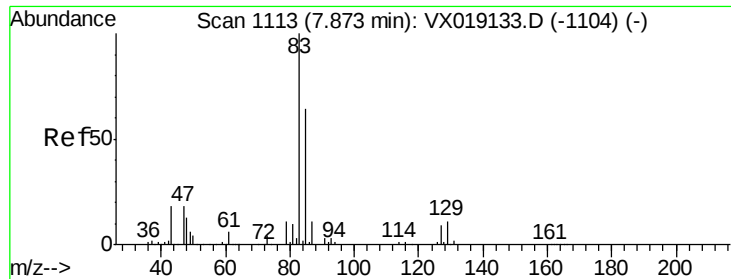
Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.6

174 101.1 81.7 122.5





#47

Bromodichloromethane

Concen: 168.936 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

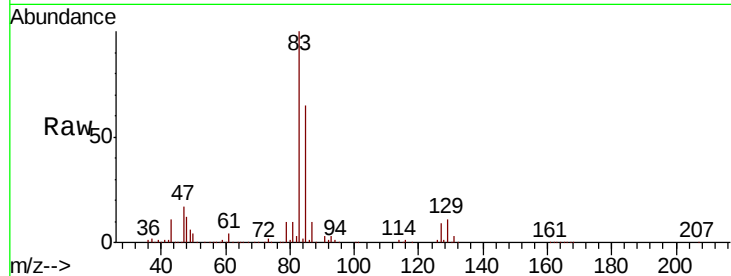
Tot Ion: 83 Resp: 679315

Ion Ratio Lower Upper

83 100

85 64.7 51.2 76.8

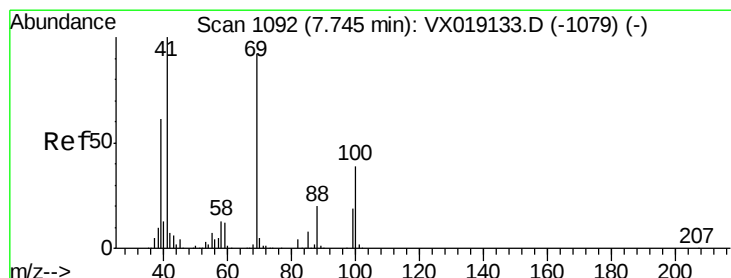
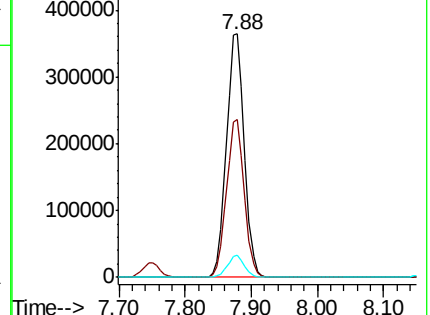
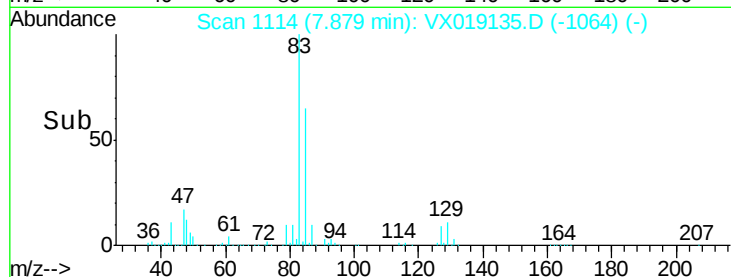
127 8.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 182.869 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

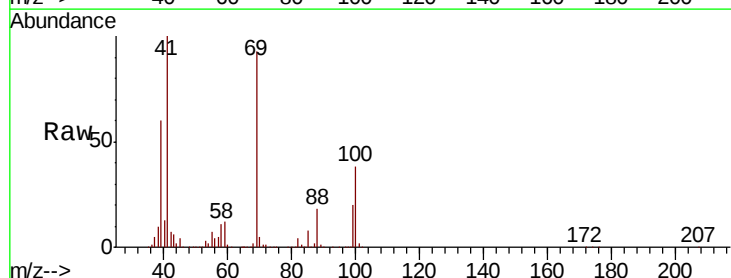
Tgt Ion: 41 Resp: 492747

Ion Ratio Lower Upper

41 100

69 94.6 75.5 113.3

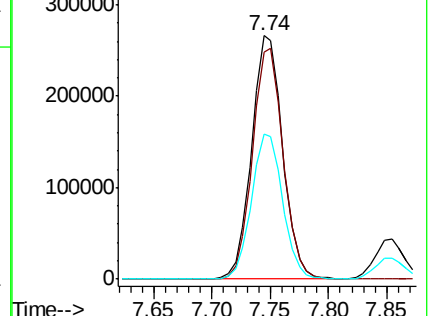
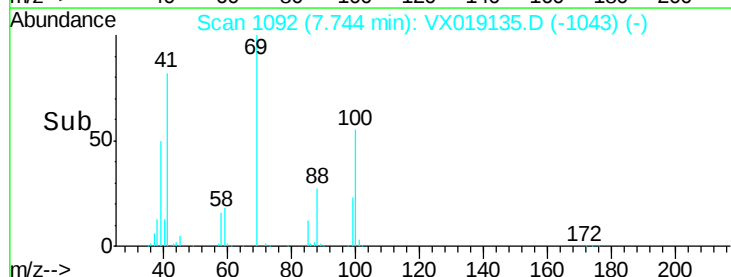
39 60.1 48.9 73.3

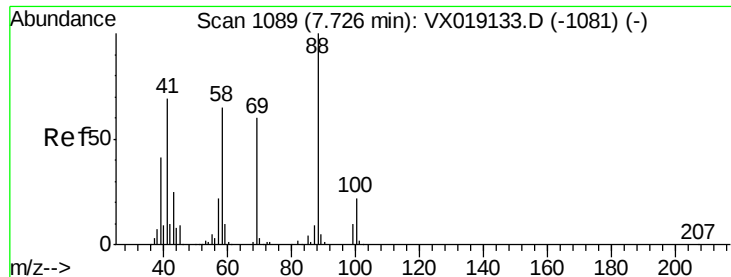


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 3234.520 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

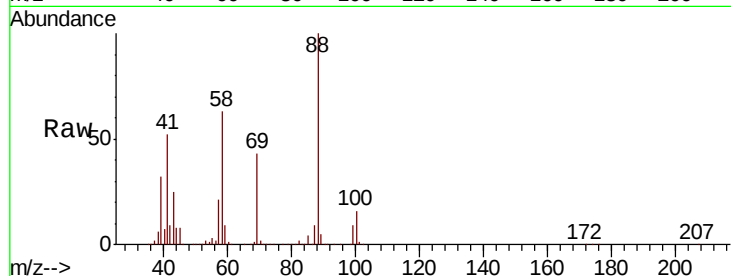
Tot Ion: 88 Resp: 224859

Ion Ratio Lower Upper

88 100

43 28.8 23.0 34.6

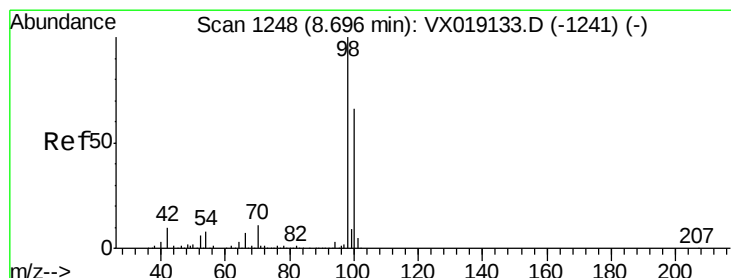
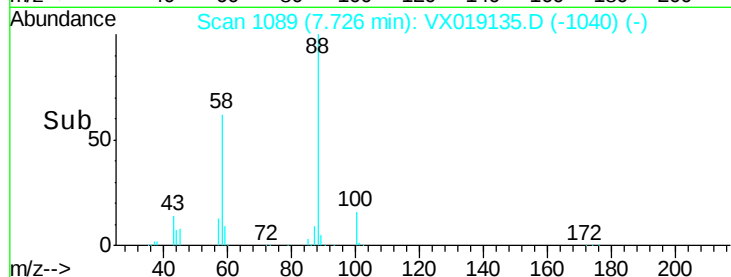
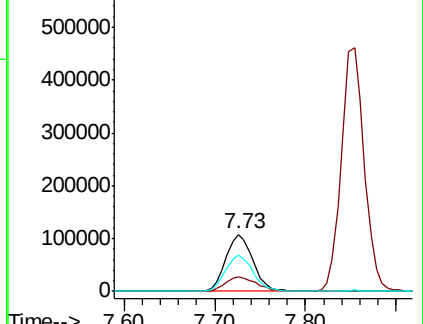
58 65.1 52.2 78.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 152.594 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019135.D

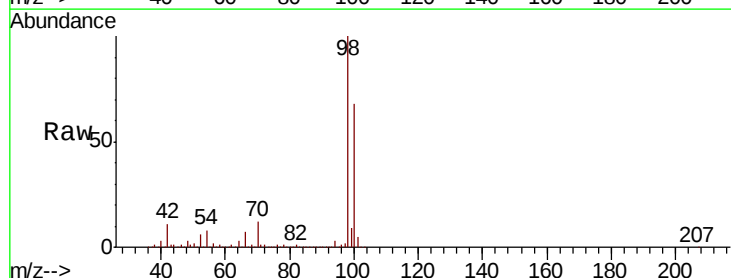
Acq: 27 Oct 2020 13:25

Tgt Ion: 98 Resp: 1631630

Ion Ratio Lower Upper

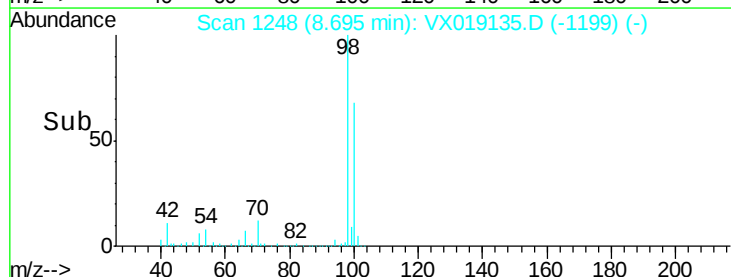
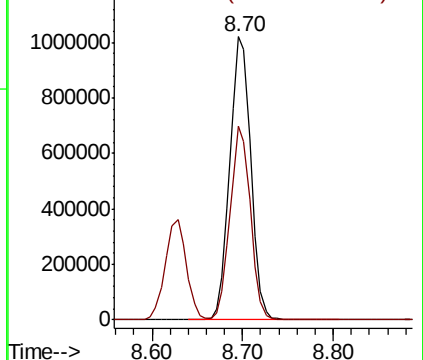
98 100

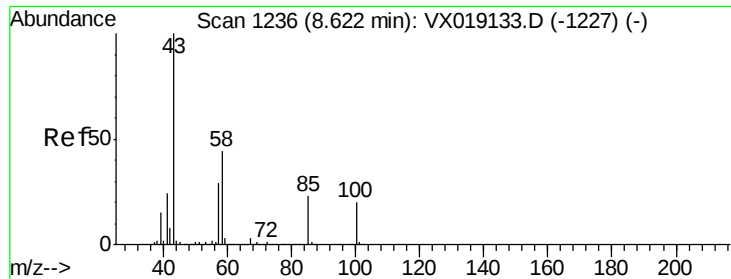
100 66.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 864.680 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

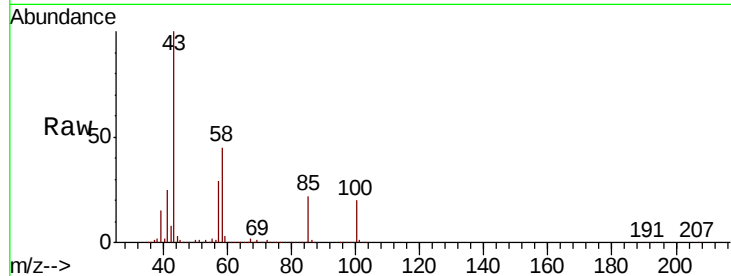
VSTDIC150

Tot Ion: 43 Resp: 2886316

Ion Ratio Lower Upper

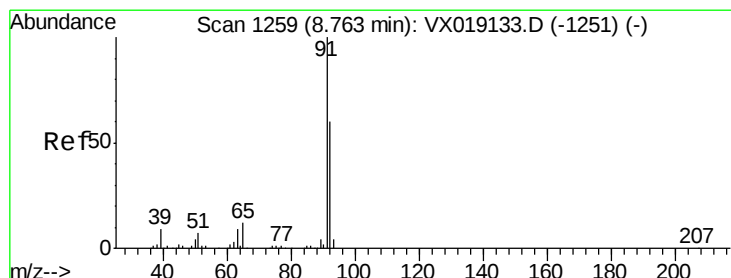
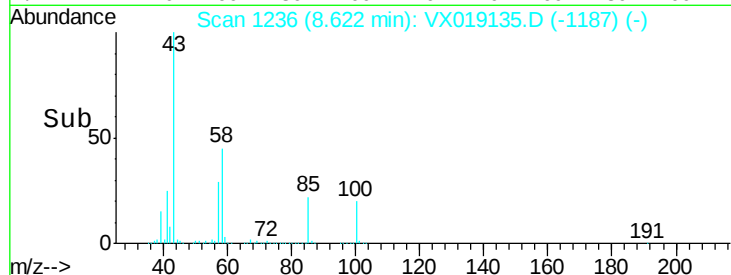
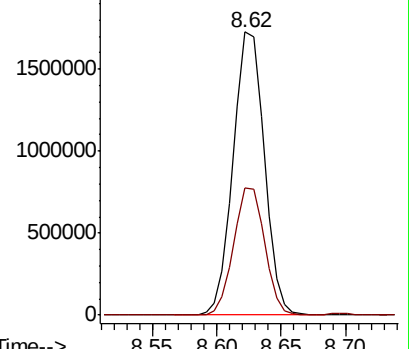
43 100

58 44.7 35.0 52.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 158.581 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019135.D

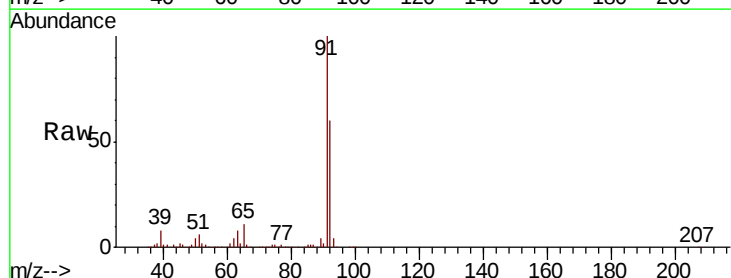
Acq: 27 Oct 2020 13:25

Tgt Ion: 92 Resp: 1190363

Ion Ratio Lower Upper

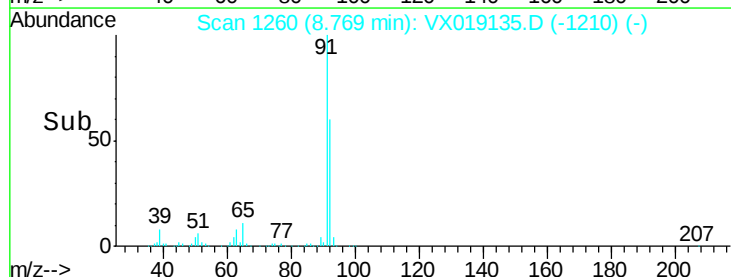
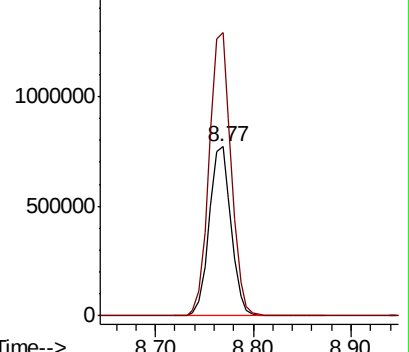
92 100

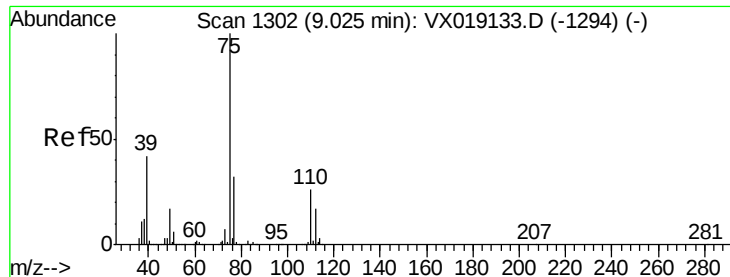
91 168.5 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 172.889 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

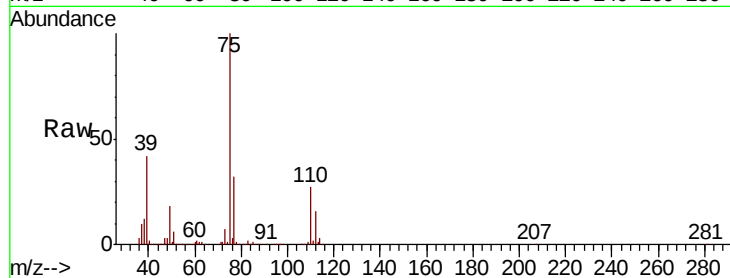
VSTDIC150

Tot Ion: 75 Resp: 768401

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

600000

500000

400000

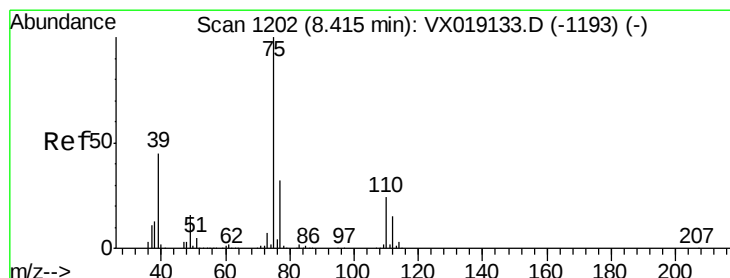
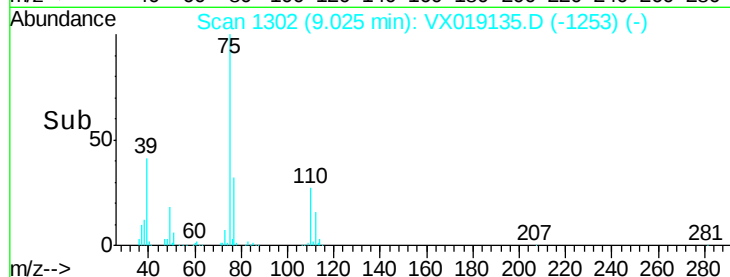
300000

200000

100000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 168.724 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

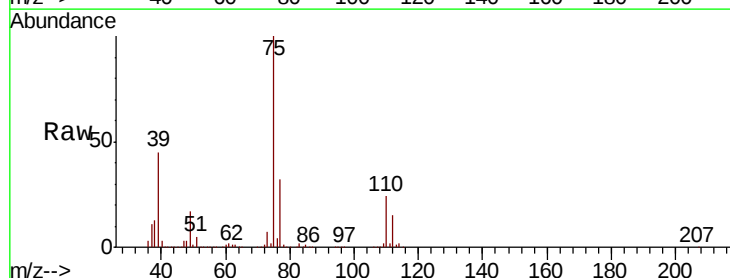
Tgt Ion: 75 Resp: 798611

Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3

39 45.4 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

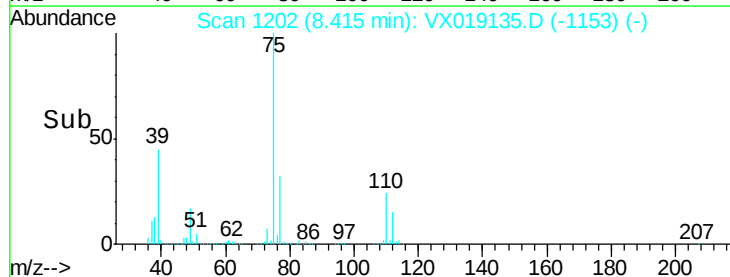
600000

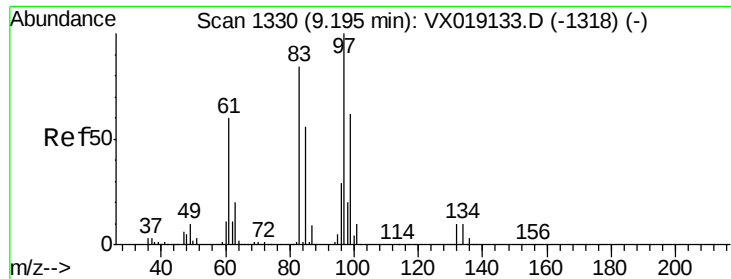
400000

200000

0

Time--> 8.30 8.40 8.50

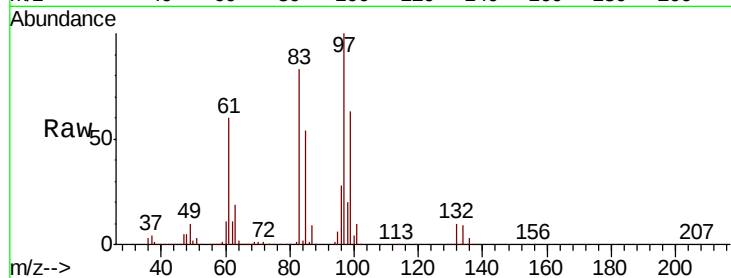




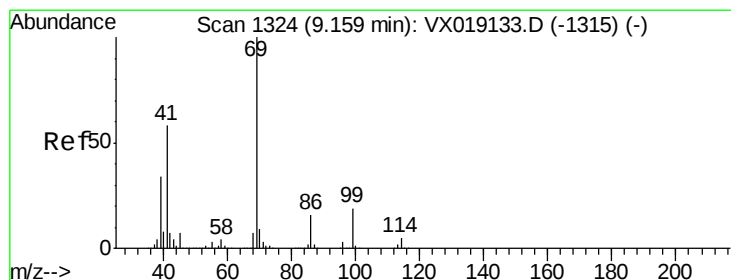
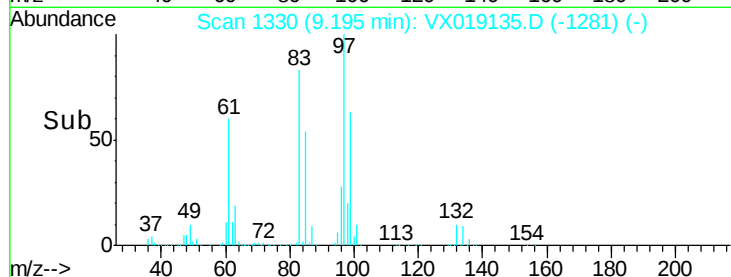
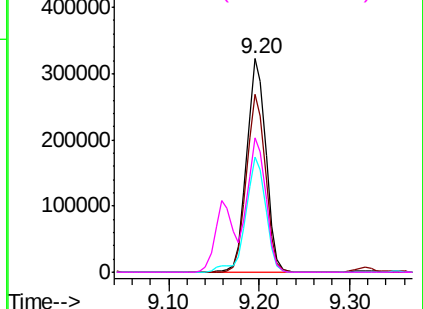
#55
 1,1,2-Trichloroethane
 Concen: 158.796 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	474585
Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.2	100.8
85	54.0	44.6	67.0
99	62.9	49.4	74.0

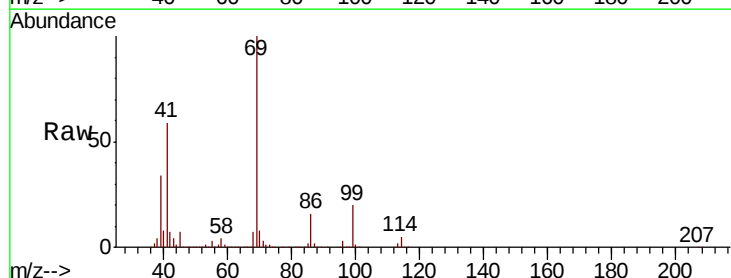


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

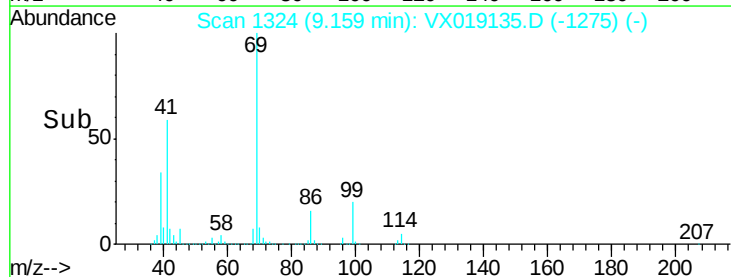
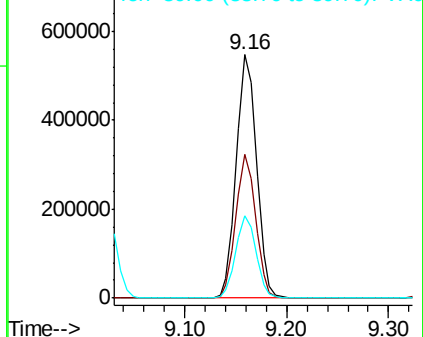


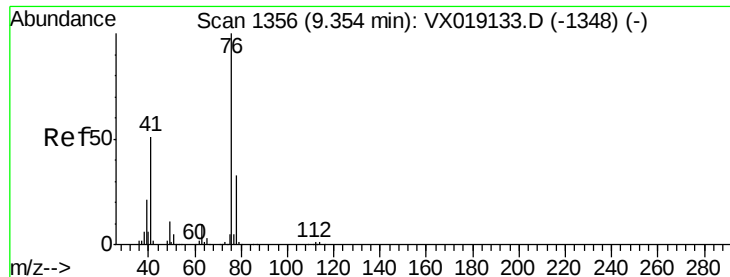
#56
 Ethyl methacrylate
 Concen: 173.571 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Tgt Ion:	69	Resp:	748896
Ion	Ratio	Lower	Upper
69	100		
41	58.1	46.5	69.7
39	33.9	27.6	41.4



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





#57

1,3-Dichloropropane

Concen: 158.589 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

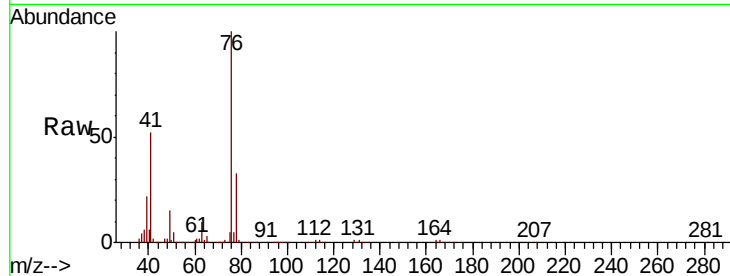
VSTDIC150

Tot Ion: 76 Resp: 776097

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

600000

500000

400000

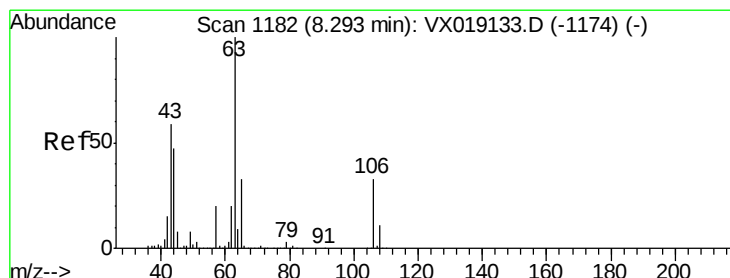
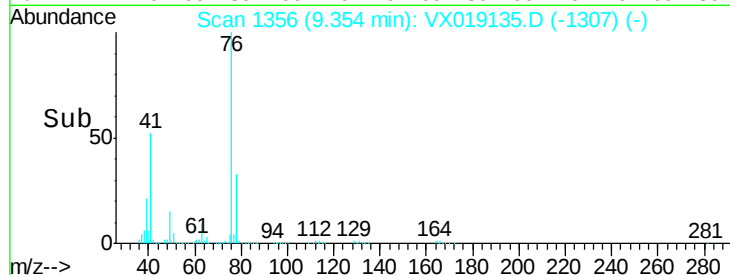
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 812.317 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019135.D

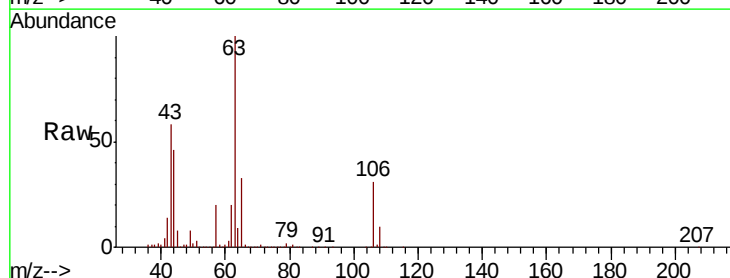
Acq: 27 Oct 2020 13:25

Tgt Ion: 63 Resp: 1898526

Ion Ratio Lower Upper

63 100

106 31.5 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

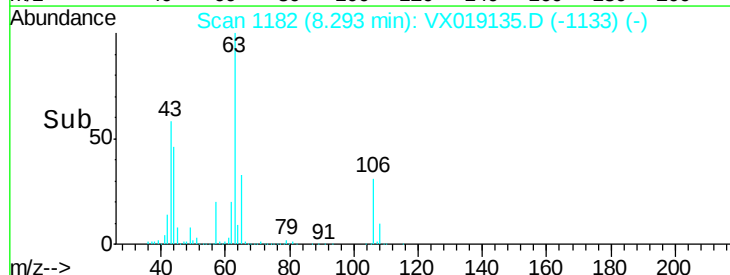
8.29

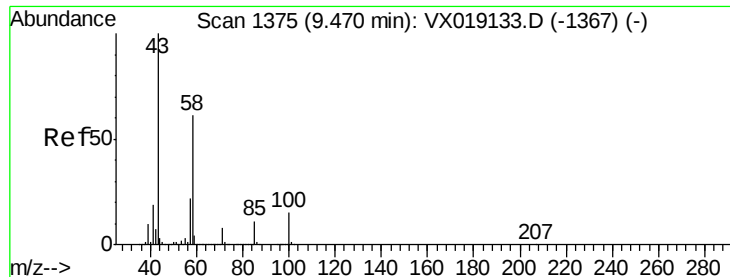
1000000

500000

0

Time-->

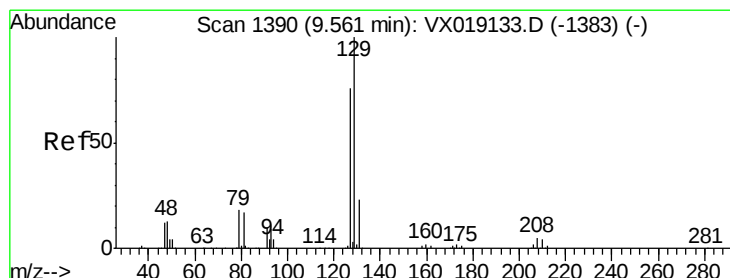
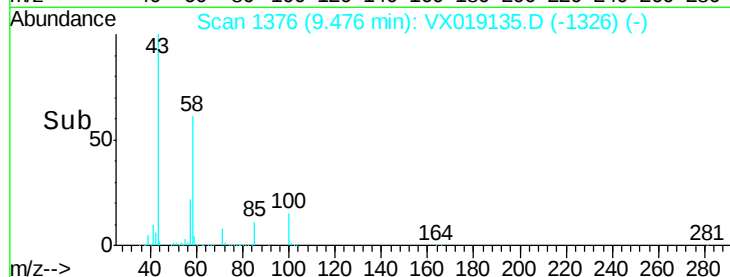
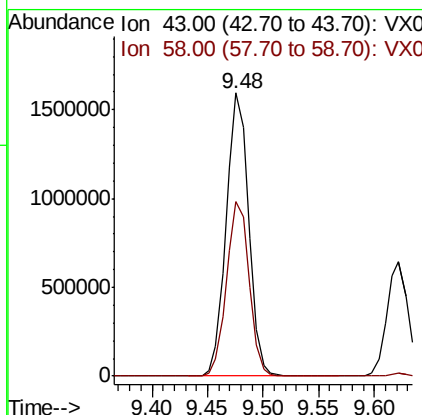
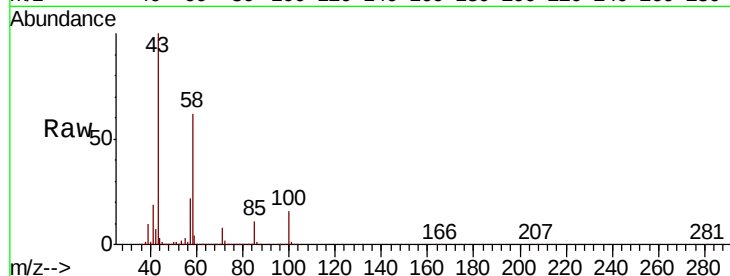




#59
2-Hexanone
Concen: 878.406 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

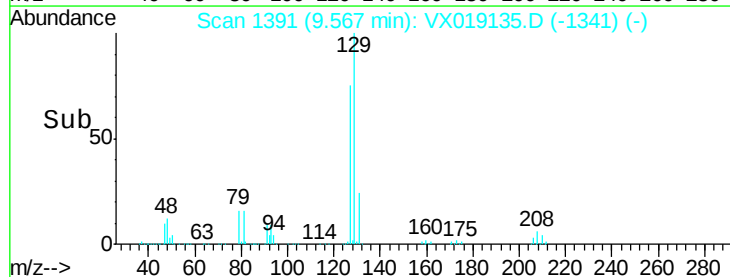
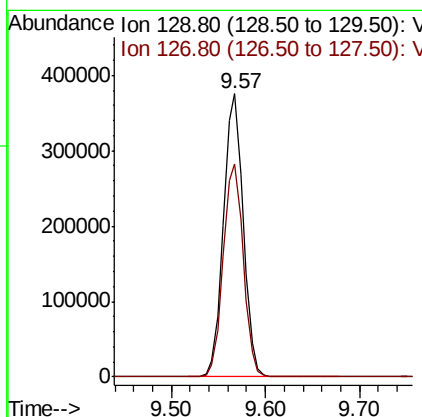
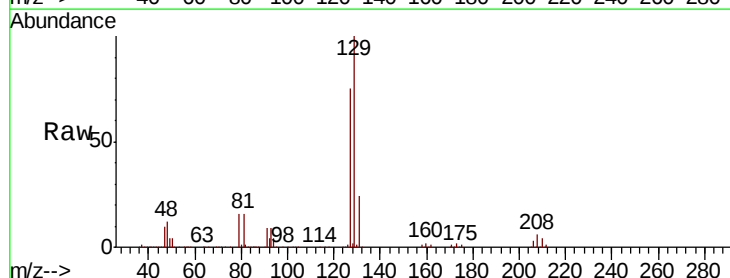
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

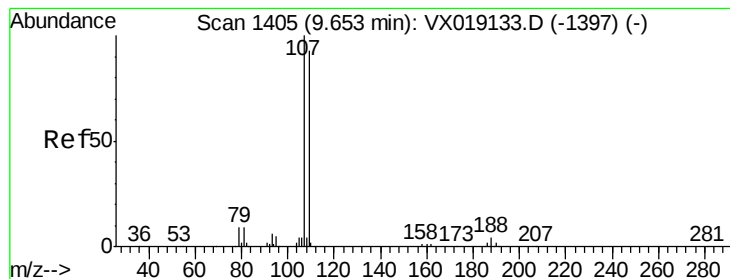
Tot Ion: 43 Resp: 2230499
Ion Ratio Lower Upper
43 100
58 62.0 30.5 91.5



#60
Dibromochloromethane
Concen: 171.186 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion: 129 Resp: 545351
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 159.877 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

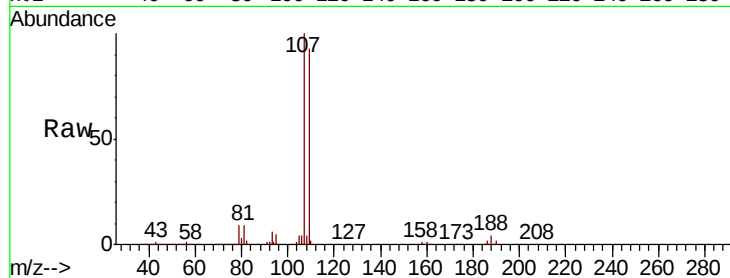
VSTDIC150

Tot Ion:107 Resp: 507003

Ion Ratio Lower Upper

107 100

109 93.9 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

400000

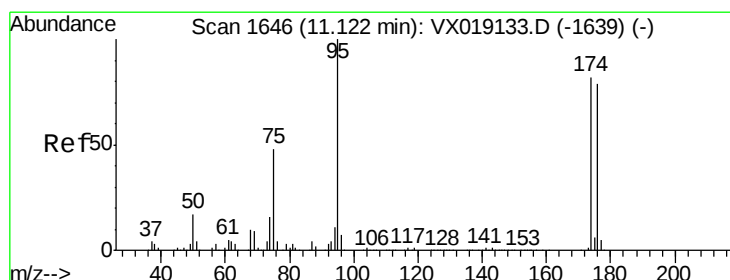
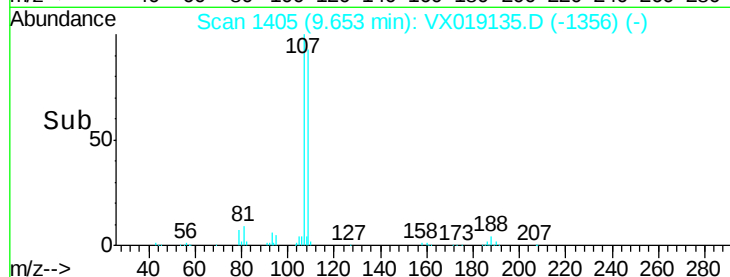
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 171.145 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

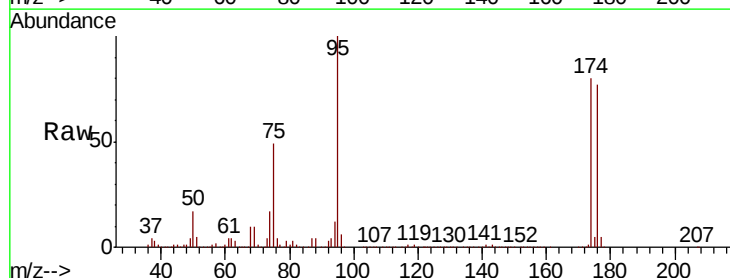
Tgt Ion: 95 Resp: 652982

Ion Ratio Lower Upper

95 100

174 78.1 0.0 156.0

176 76.3 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

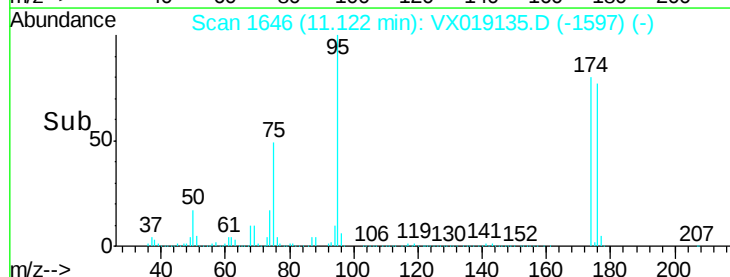
600000

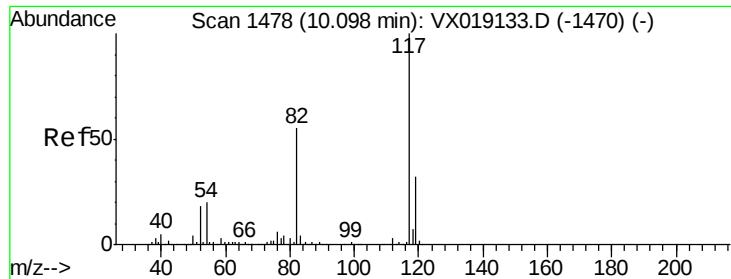
400000

200000

0

Time-->

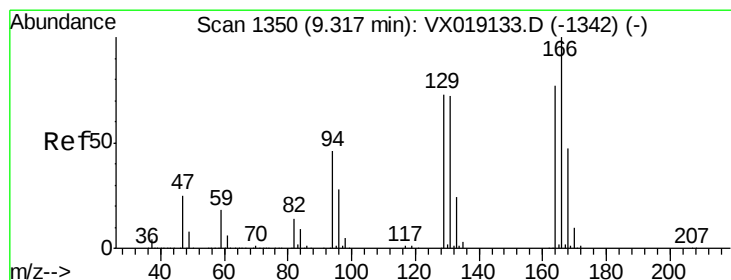
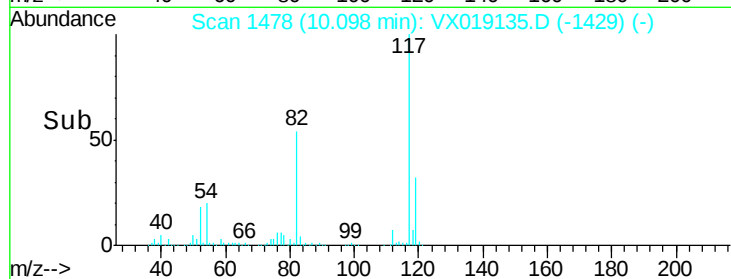
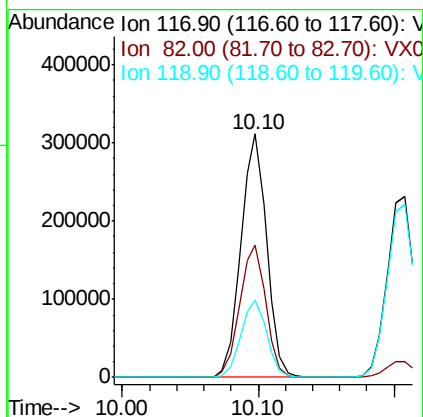
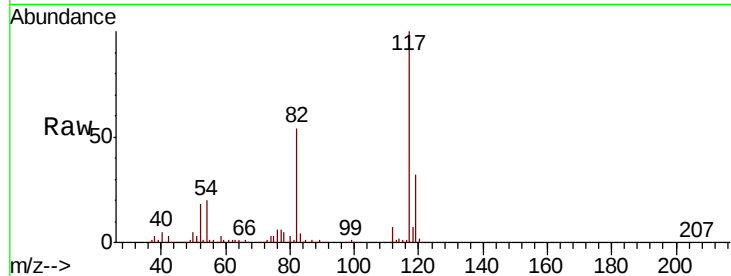




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

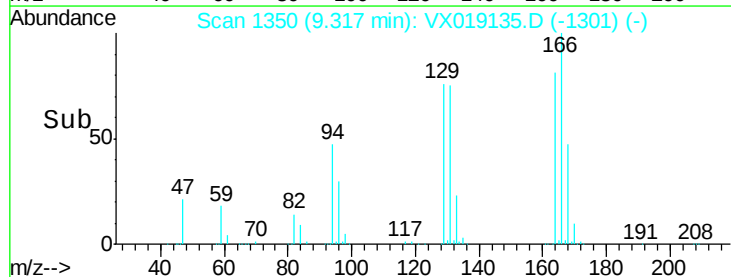
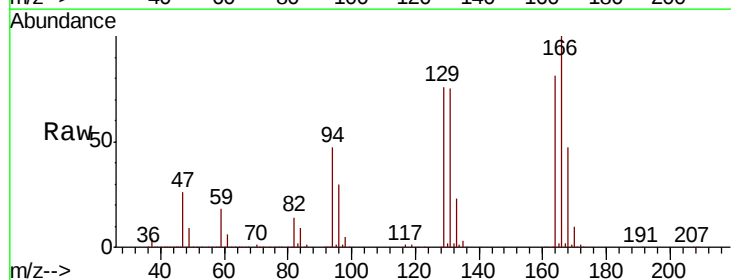
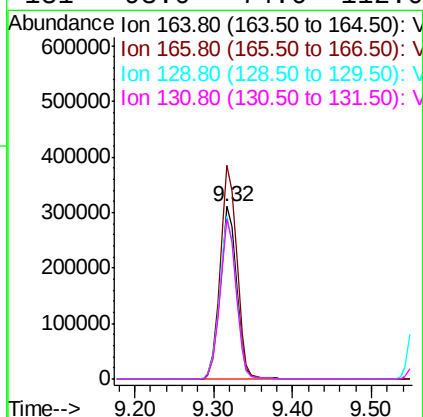
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

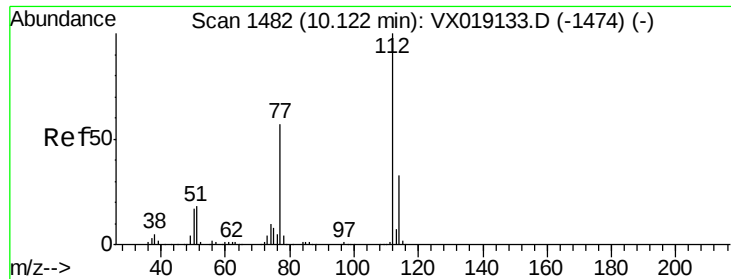
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.6	65.4
119	31.9	25.5	38.3



#64
Tetrachloroethene
Concen: 143.788 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.9	104.1	156.1
129	94.0	76.2	114.4
131	93.0	74.6	112.0

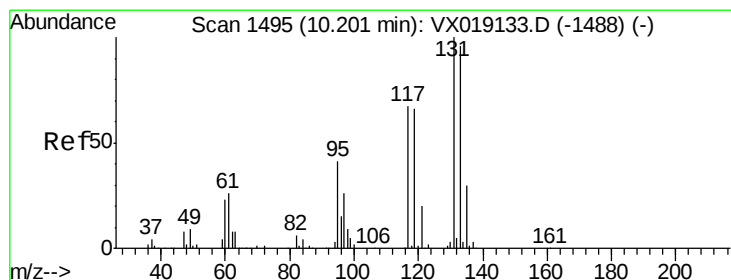
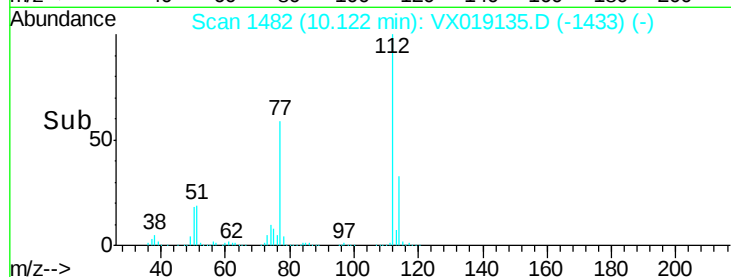
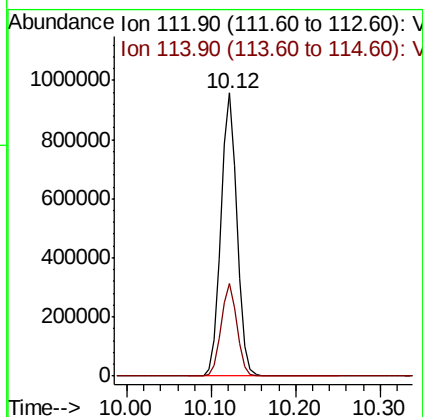
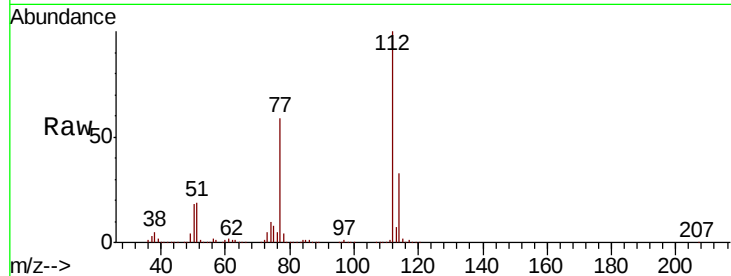




#65
Chlorobenzene
Concen: 154.791 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

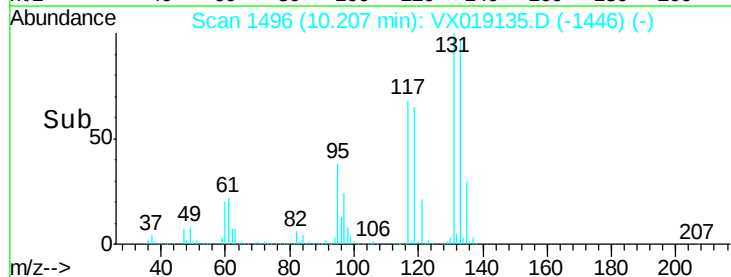
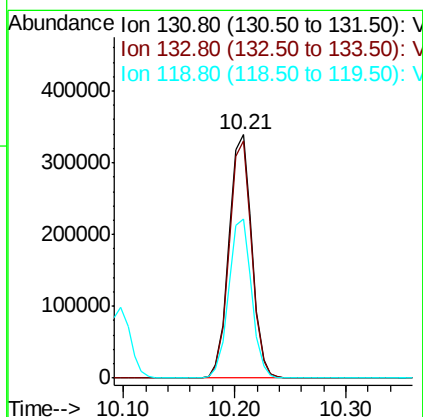
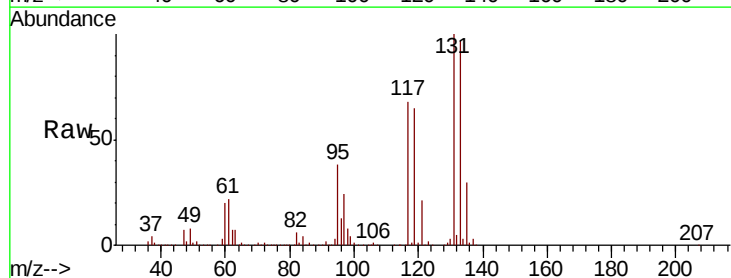
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

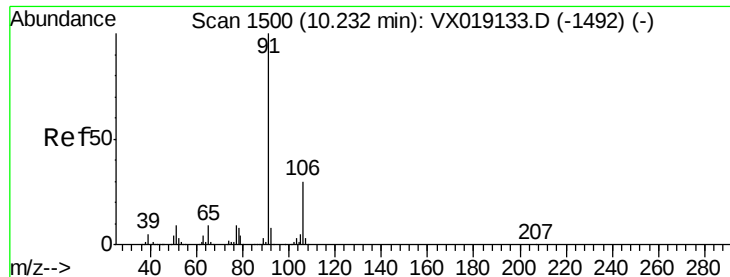
Tot Ion:112 Resp: 1268094
Ion Ratio Lower Upper
112 100
114 32.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 163.870 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion:131 Resp: 480147
Ion Ratio Lower Upper
131 100
133 95.9 47.3 141.8
119 65.4 32.3 96.9





#67

Ethyl Benzene

Concen: 159.049 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

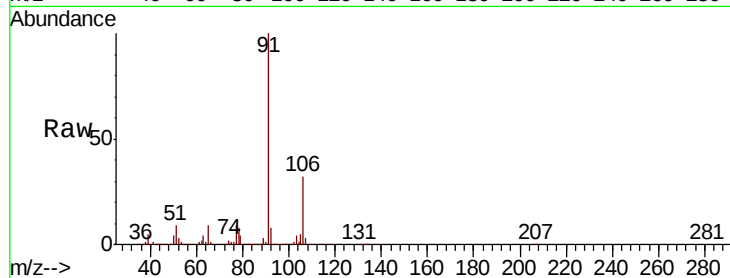
VSTDIC150

Tot Ion: 91 Resp: 2280360

Ion Ratio Lower Upper

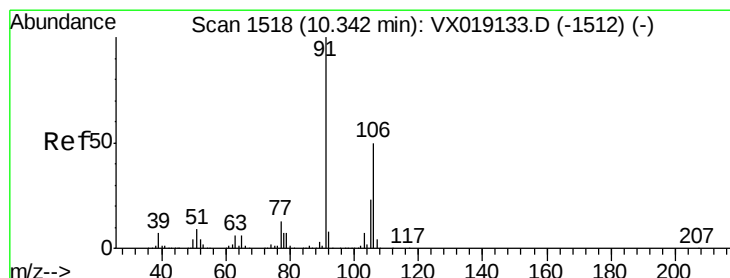
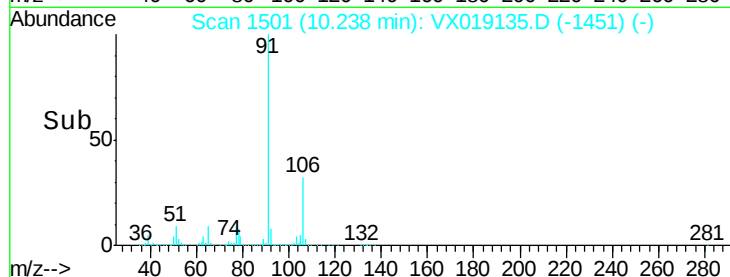
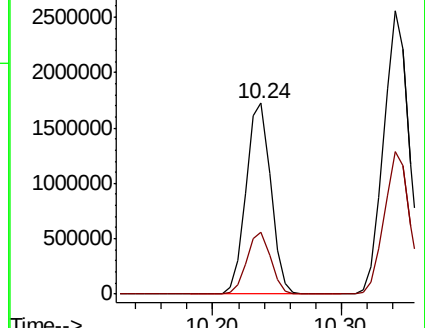
91 100

106 32.2 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VX019135.D (-1492) (-)

Ion 106.00 (105.70 to 106.70): VX019135.D (-1492) (-)



#68

m/p-Xylenes

Concen: 316.801 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019135.D

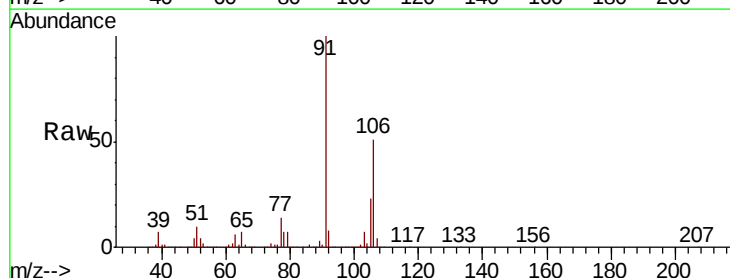
Acq: 27 Oct 2020 13:25

Tgt Ion: 106 Resp: 1745588

Ion Ratio Lower Upper

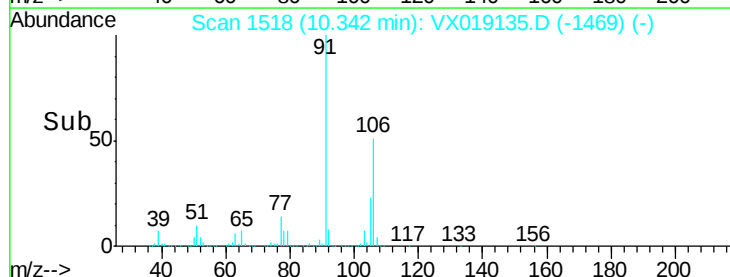
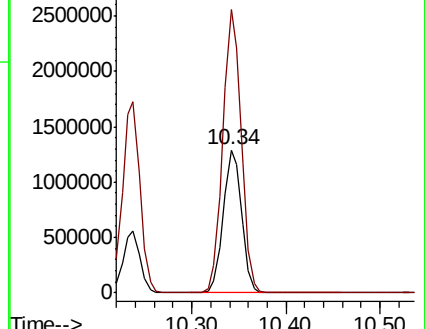
106 100

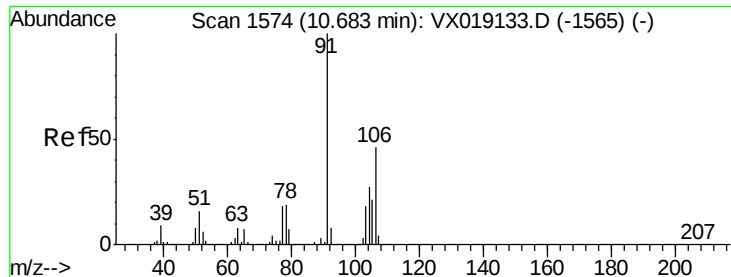
91 198.4 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): VX019135.D (-1512) (-)

Ion 91.00 (90.70 to 91.70): VX019135.D (-1512) (-)

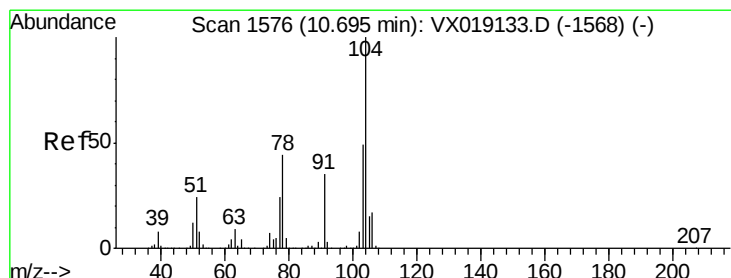
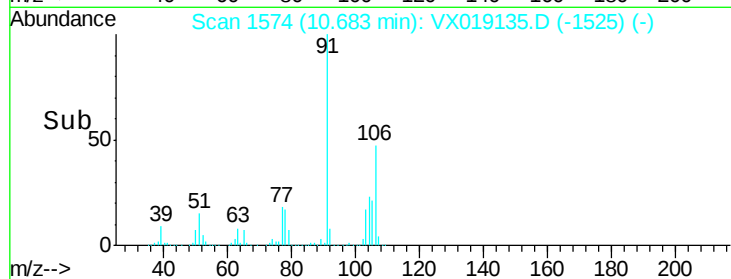
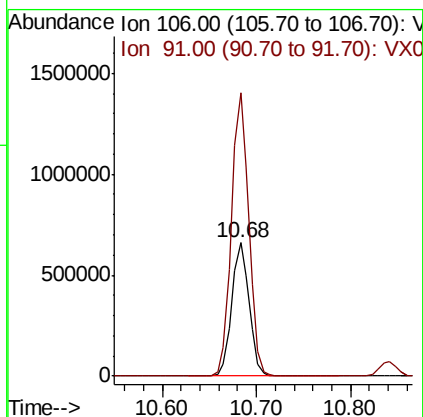
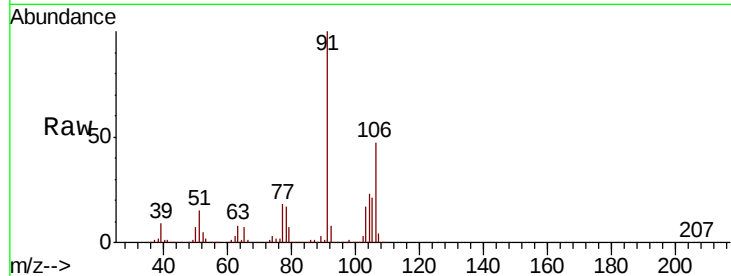




#69
o-Xylene
Concen: 159.535 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

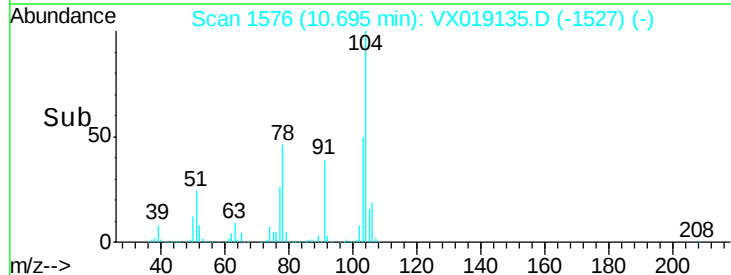
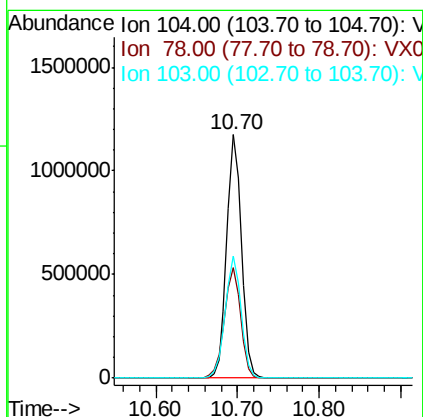
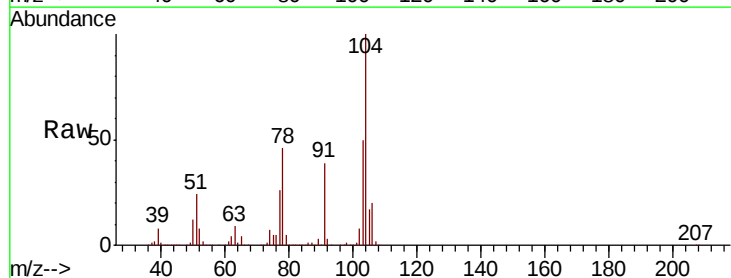
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

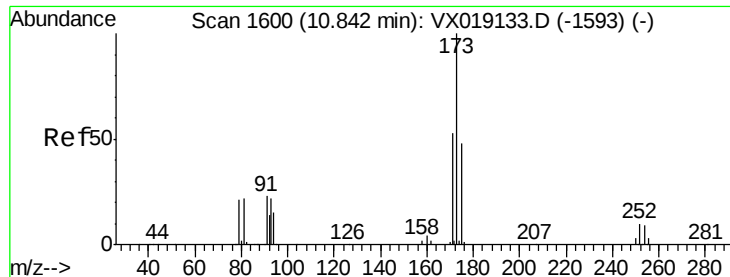
Tot Ion:106 Resp: 842425
Ion Ratio Lower Upper
106 100
91 212.4 108.3 324.8



#70
Styrene
Concen: 166.848 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion:104 Resp: 1467913
Ion Ratio Lower Upper
104 100
78 50.4 40.0 60.0
103 54.2 43.5 65.3

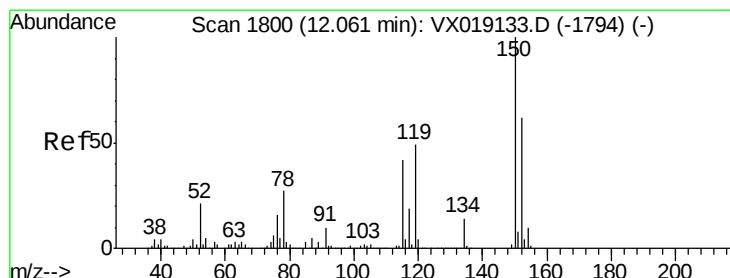
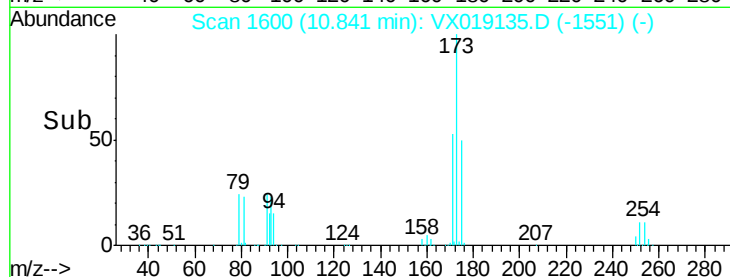
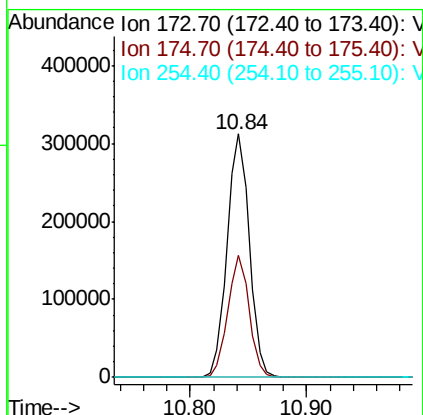
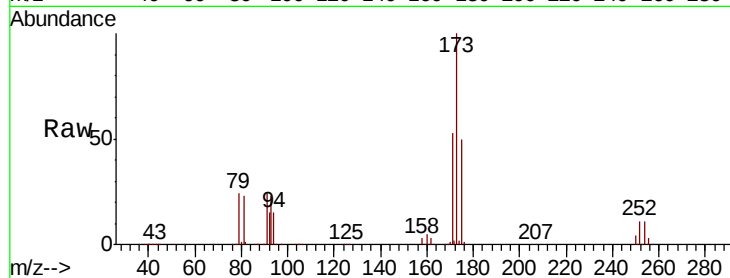




#71
Bromoform
Concen: 179.332 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

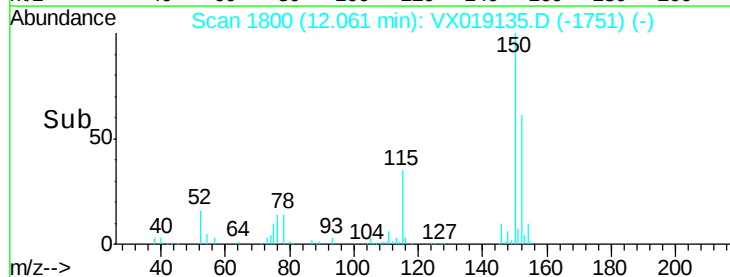
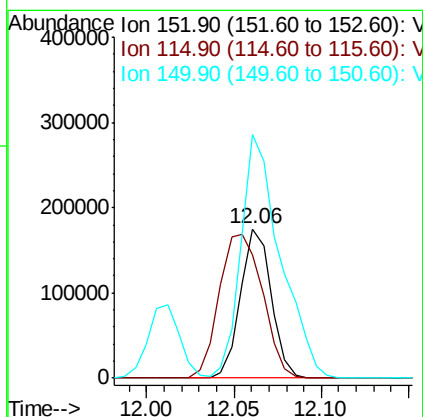
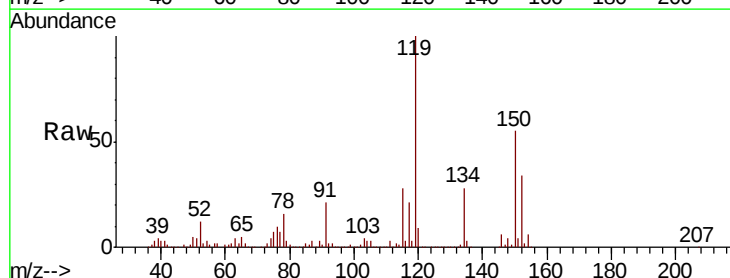
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

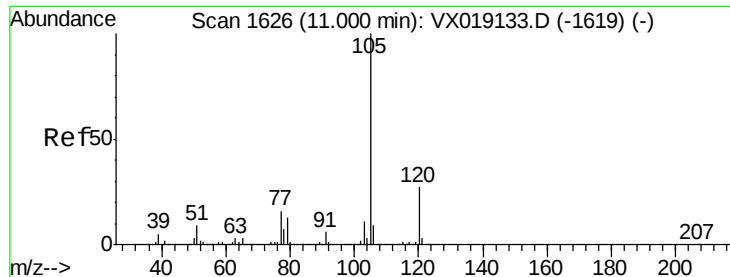
Tot Ion:173 Resp: 413835
Ion Ratio Lower Upper
173 100
175 48.5 24.4 73.4
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion:152 Resp: 214361
Ion Ratio Lower Upper
152 100
115 135.2 41.9 125.7#
150 208.8 0.0 347.8





#73

Isopropylbenzene

Concen: 157.022 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

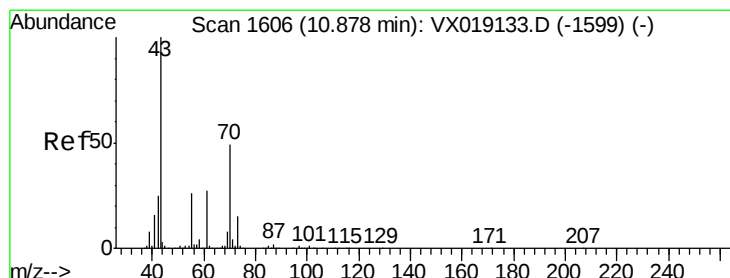
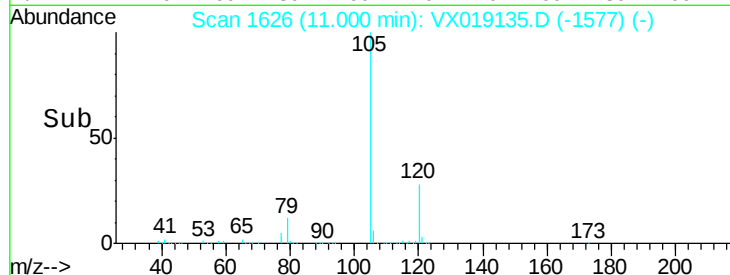
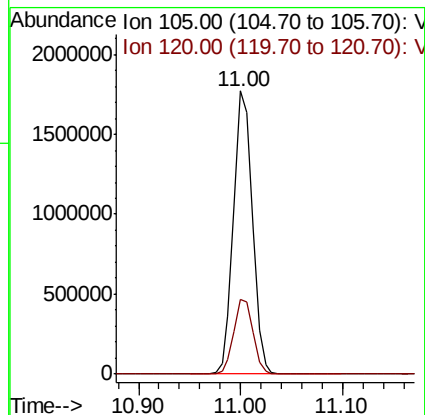
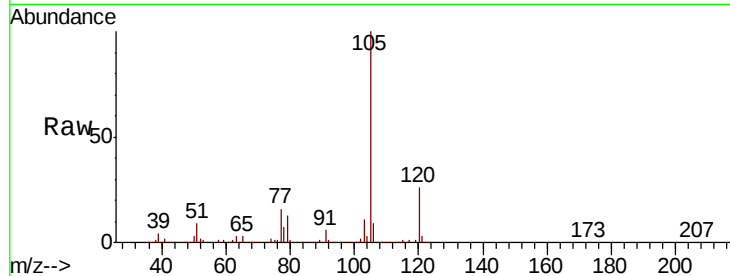
VSTDIC150

Tot Ion:105 Resp: 2262489

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.8



#74

N-ethyl acetate

Concen: 188.650 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Tgt Ion: 43 Resp: 881369

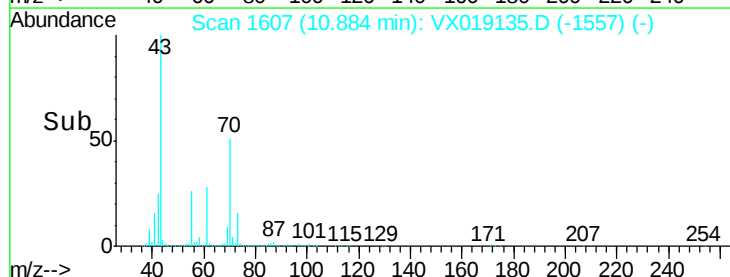
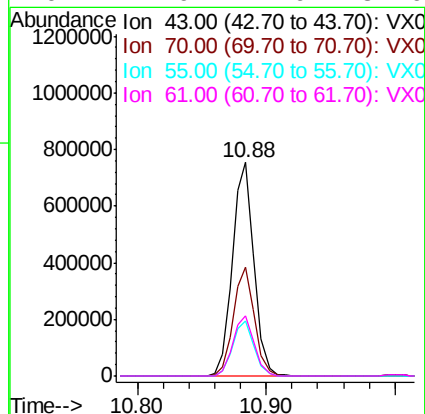
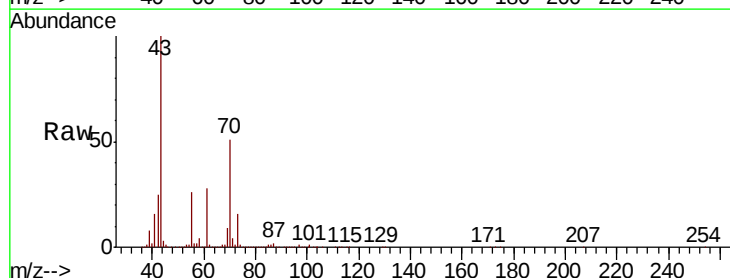
Ion Ratio Lower Upper

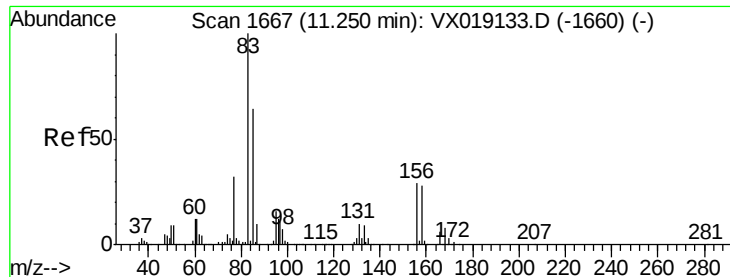
43 100

70 50.2 39.6 59.4

55 25.8 20.7 31.1

61 27.9 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 161.620 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

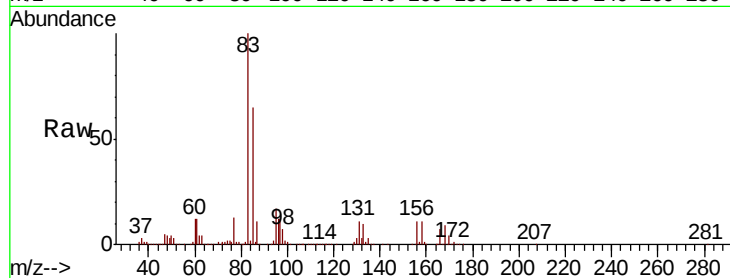
Tot Ion: 83 Resp: 727351

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

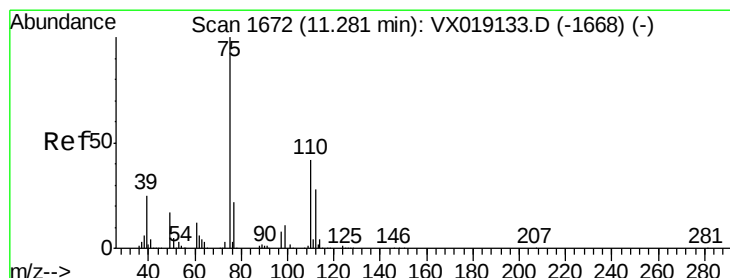
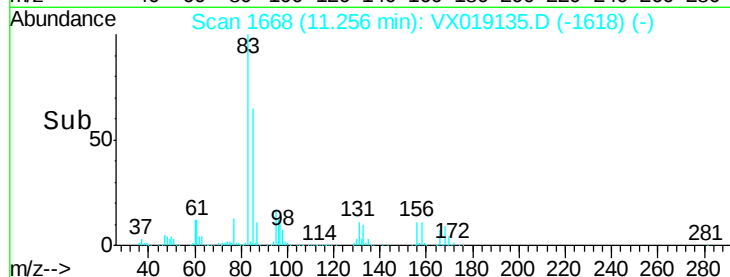
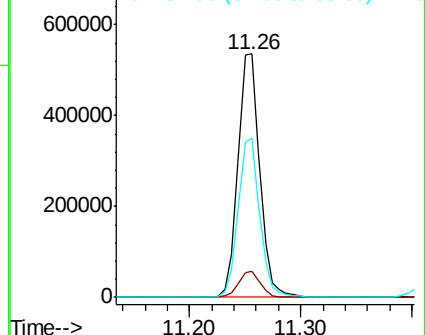
85 64.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 220.517 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019135.D

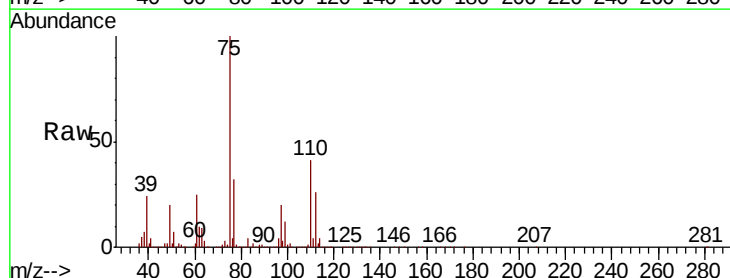
Acq: 27 Oct 2020 13:25

Tgt Ion: 75 Resp: 883403

Ion Ratio Lower Upper

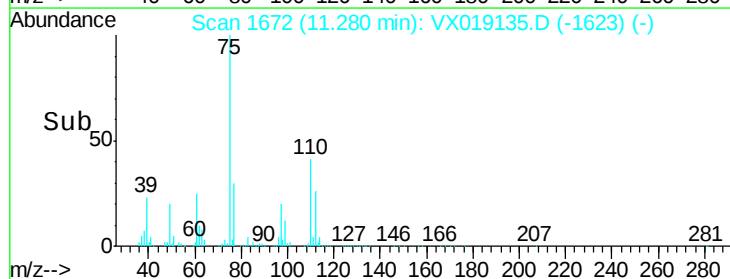
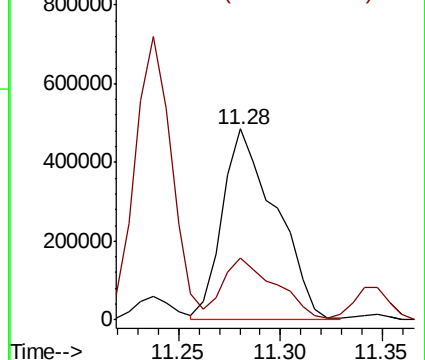
75 100

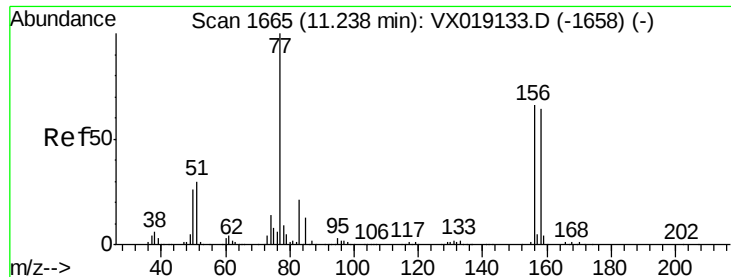
77 31.9 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 157.358 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

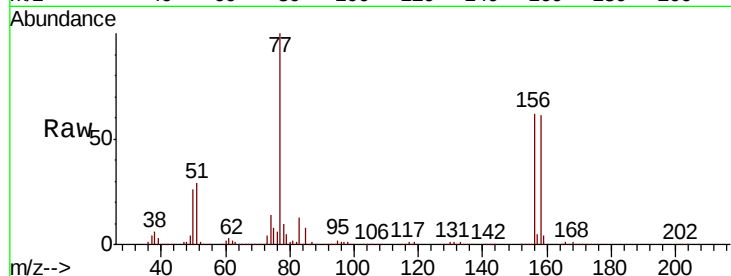
Tot Ion:156 Resp: 567790

Ion Ratio Lower Upper

156 100

77 159.1 77.7 233.1

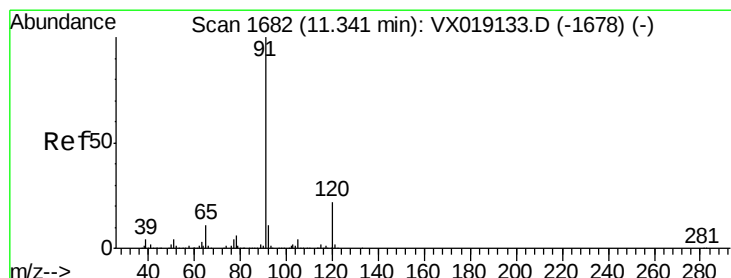
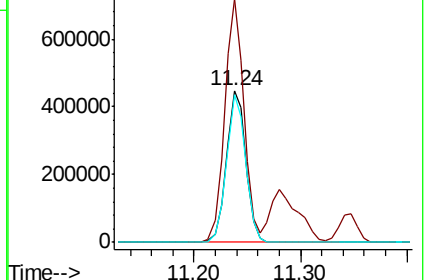
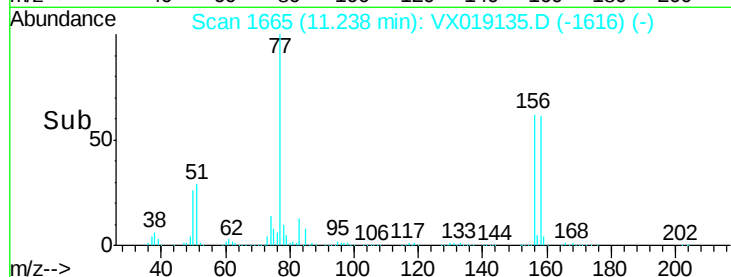
158 96.8 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 161.038 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX019135.D

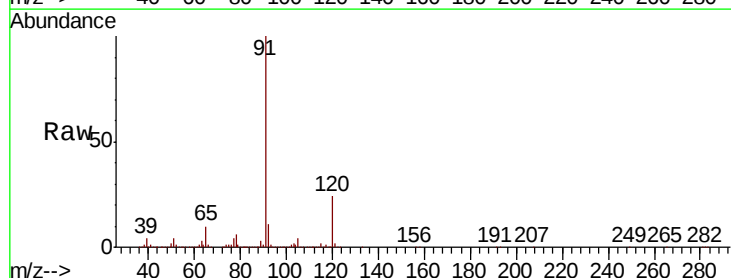
Acq: 27 Oct 2020 13:25

Tgt Ion: 91 Resp: 2603874

Ion Ratio Lower Upper

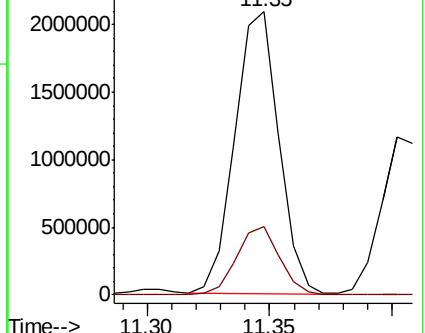
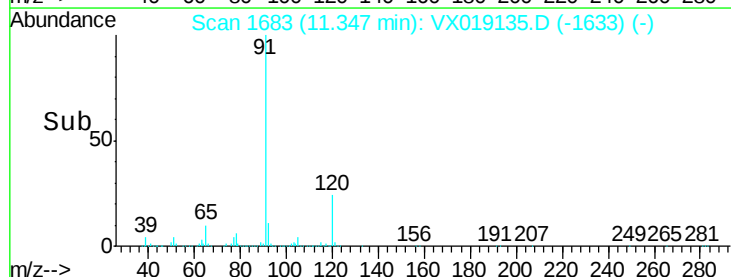
91 100

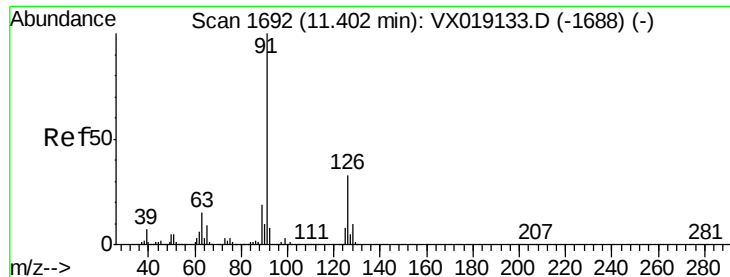
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 161.335 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

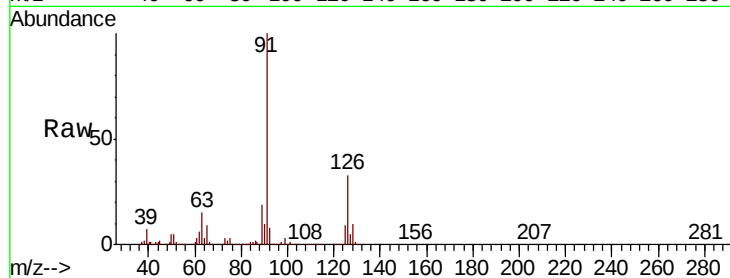
VSTDIC150

Tot Ion: 91 Resp: 1533874

Ion Ratio Lower Upper

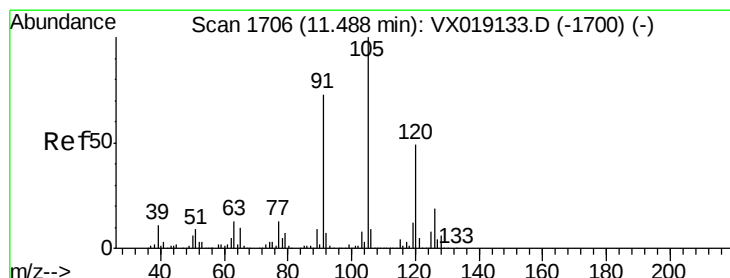
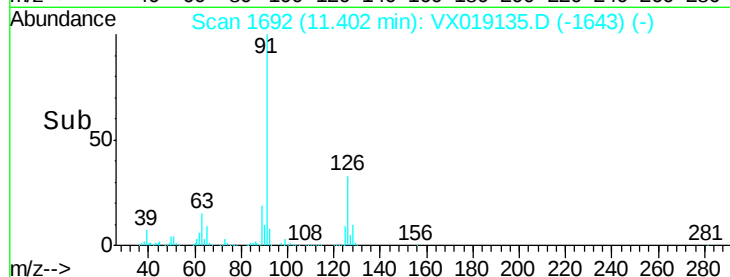
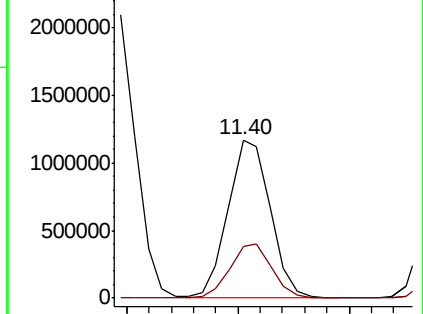
91 100

126 34.2 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 163.742 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019135.D

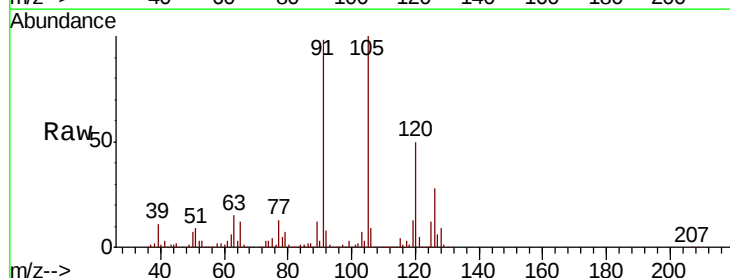
Acq: 27 Oct 2020 13:25

Tgt Ion:105 Resp: 1947015

Ion Ratio Lower Upper

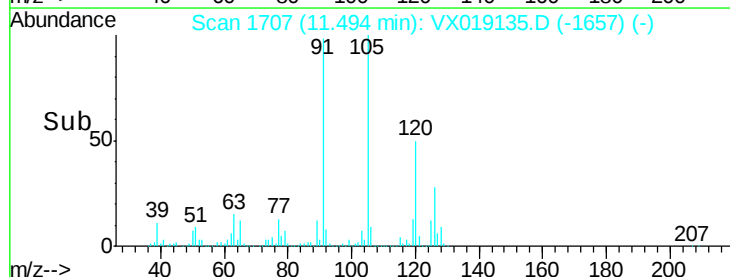
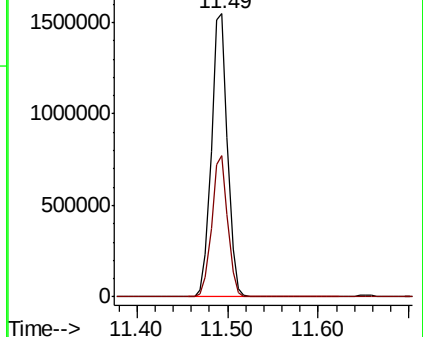
105 100

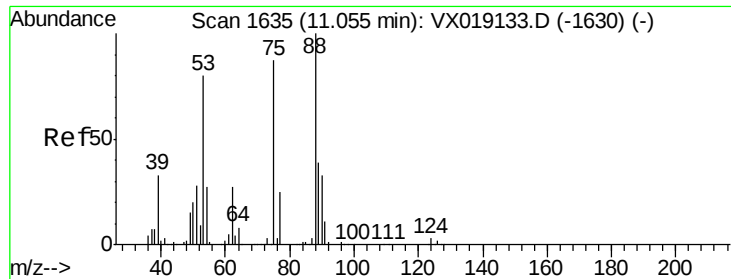
120 49.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 177.940 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

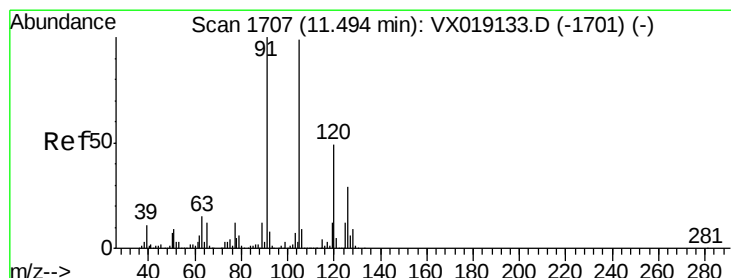
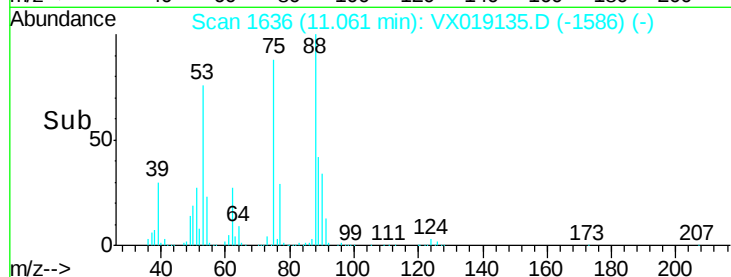
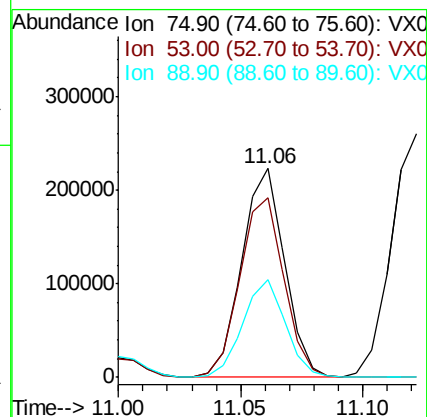
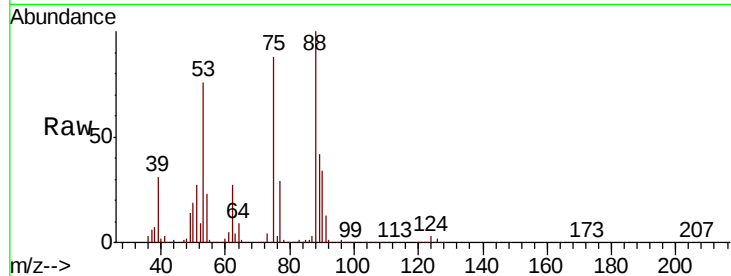
Tot Ion: 75 Resp: 269710

Ion	Ratio	Lower	Upper
75	100		
53	89.1	73.3	109.9
89	47.0	38.2	57.2

75 100

53 89.1 73.3 109.9

89 47.0 38.2 57.2



#82

4-Chlorotoluene

Concen: 164.076 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019135.D

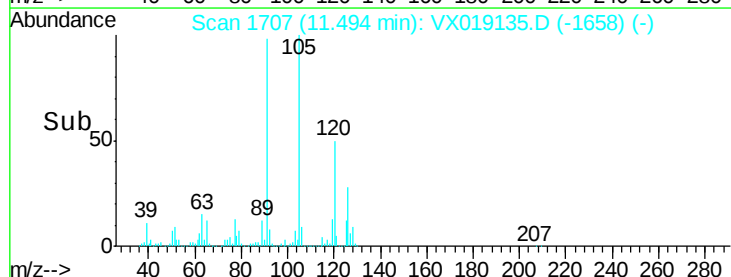
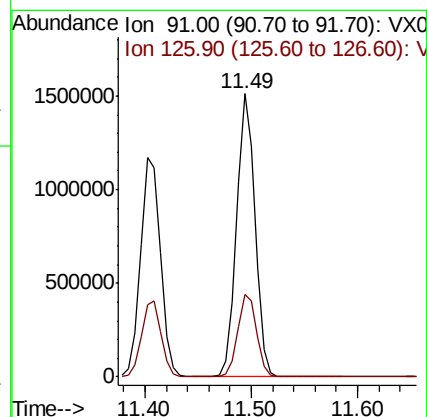
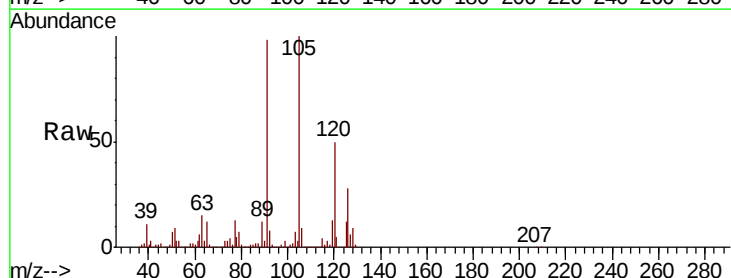
Acq: 27 Oct 2020 13:25

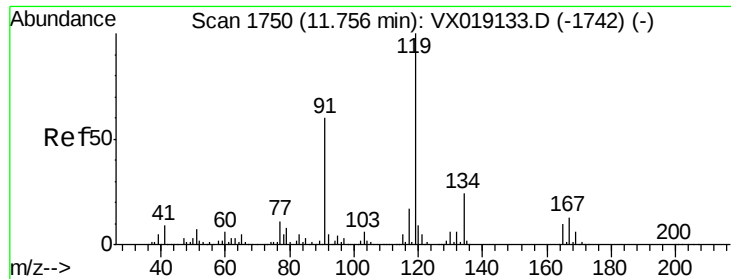
Tgt Ion: 91 Resp: 1846991

Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.8	44.4

91 100

126 29.6 14.8 44.4

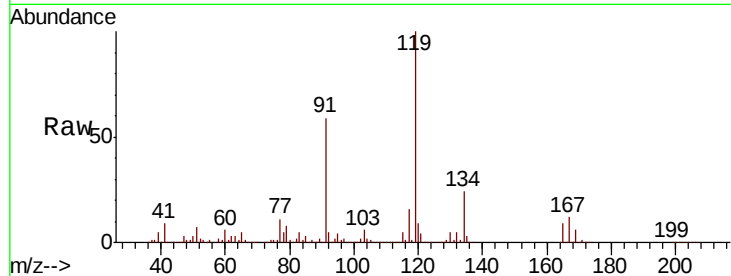




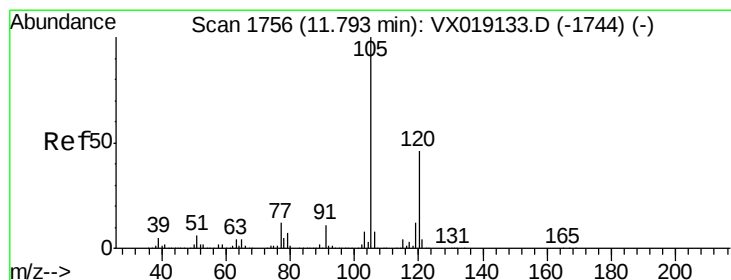
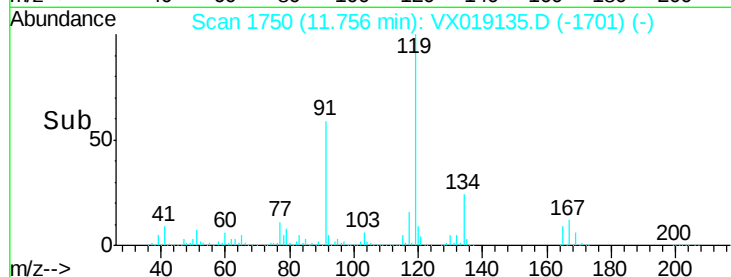
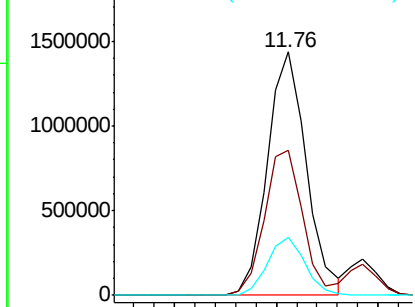
#83
 tert-Butylbenzene
 Concen: 164.794 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:119 Resp: 1914213
 Ion Ratio Lower Upper
 119 100
 91 57.7 29.0 87.1
 134 22.9 11.7 35.0

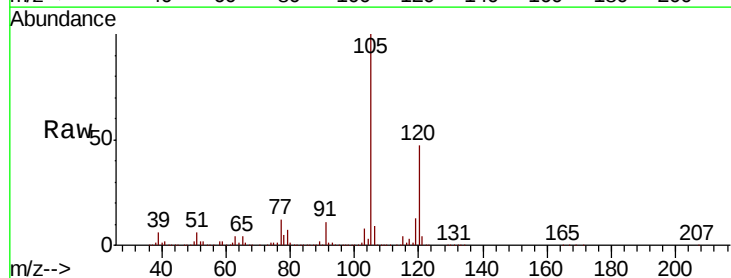


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

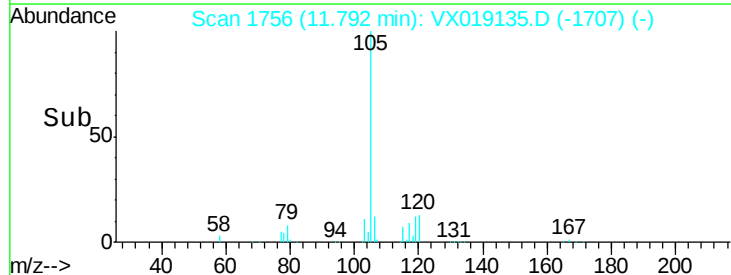
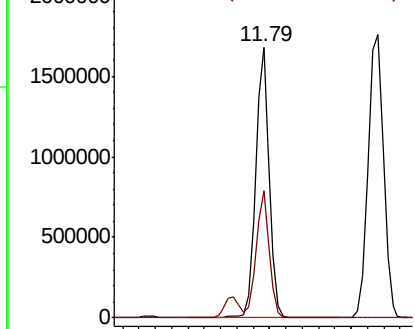


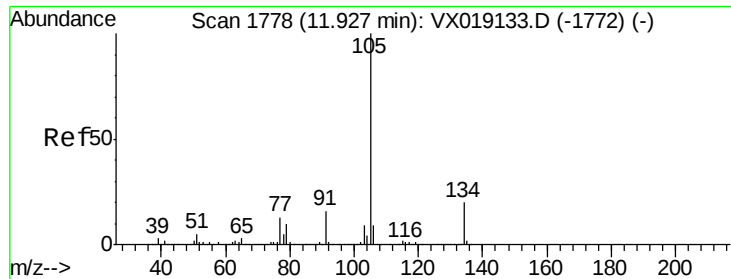
#84
 1,2,4-Trimethylbenzene
 Concen: 164.689 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Tgt Ion:105 Resp: 1980245
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 161.876 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

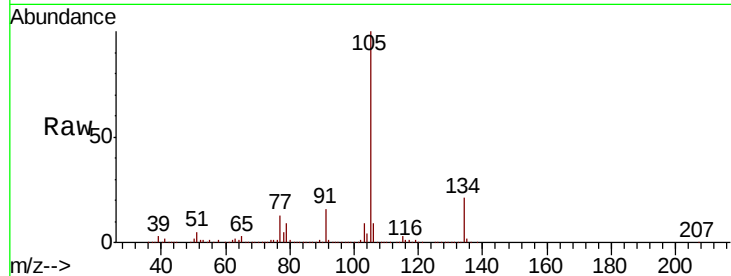
VSTDIC150

Tot Ion:105 Resp: 2257241

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2000000

1500000

1000000

500000

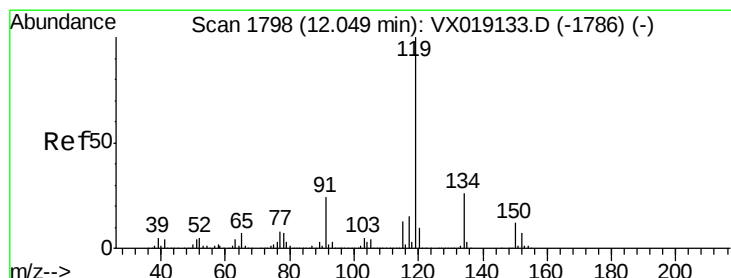
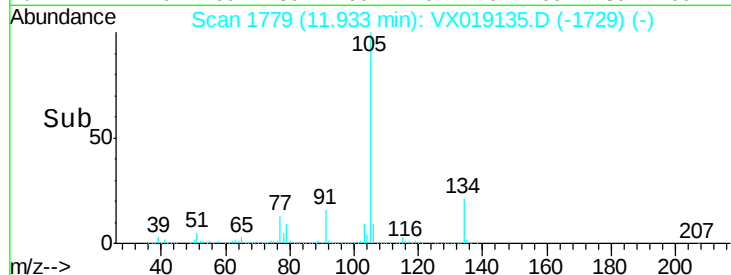
0

11.93

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 164.885 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

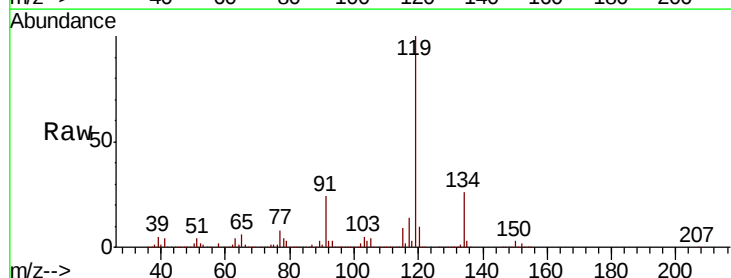
Tgt Ion:119 Resp: 2128486

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

91 24.2 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

2500000

2000000

1500000

1000000

500000

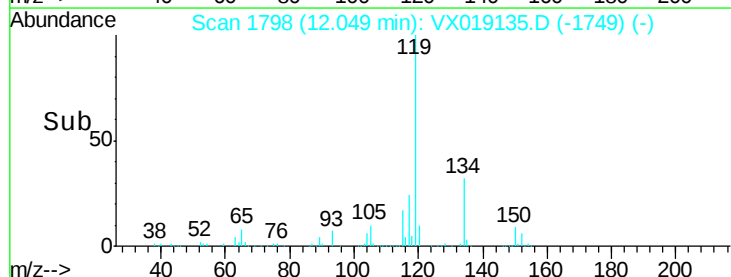
0

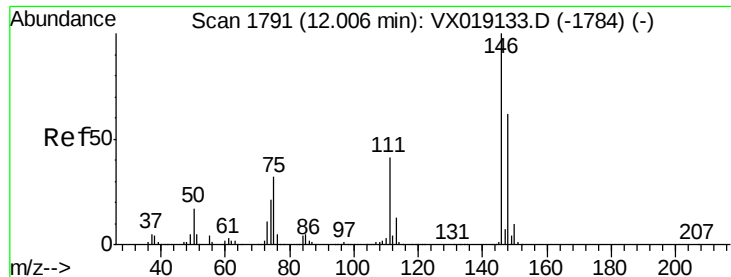
12.05

12.00

12.20

Time-->





#87

1,3-Dichlorobenzene

Concen: 158.539 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

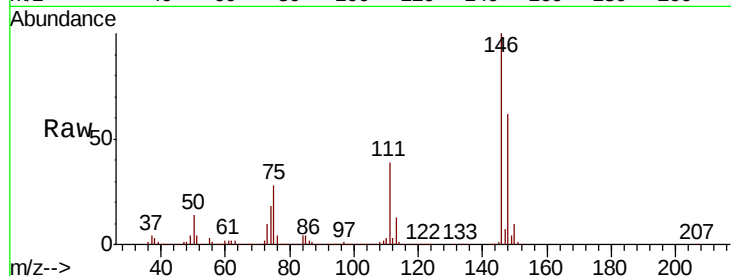
MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:146 Resp: 1058613

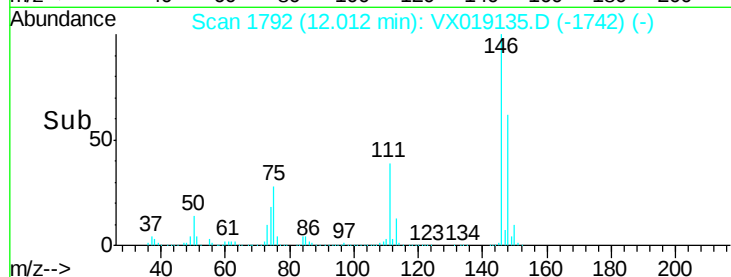
Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.4	61.2
148	63.4	31.6	94.8



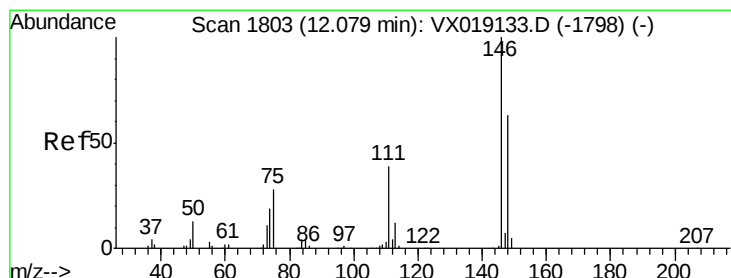
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time-->



#88

1,4-Dichlorobenzene

Concen: 154.101 ug/l

RT: 12.08 min Scan# 1803

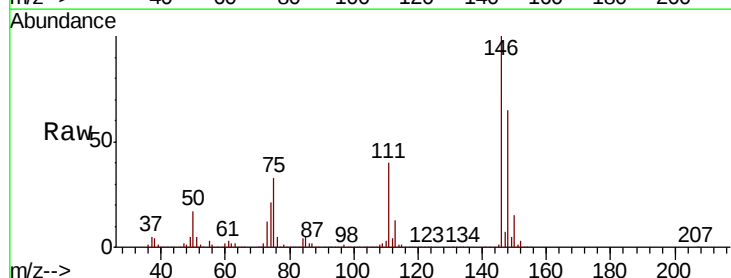
Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Tgt Ion:146 Resp: 1072213

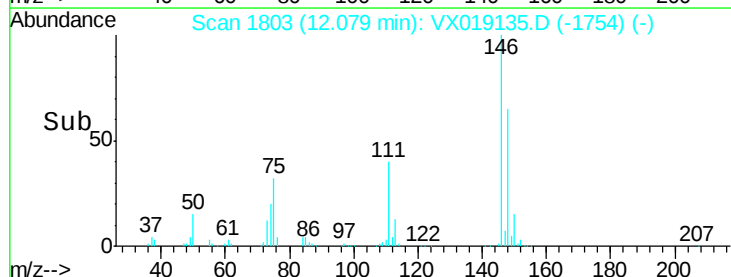
Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.2	60.5
148	65.1	31.3	93.8



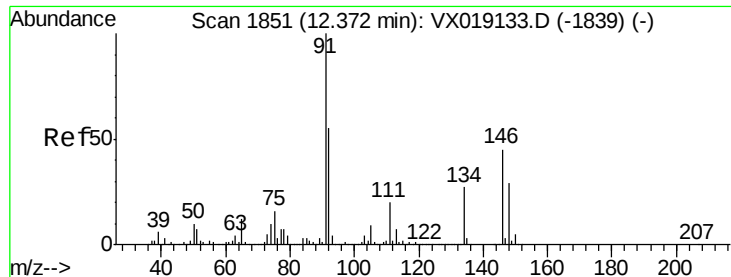
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



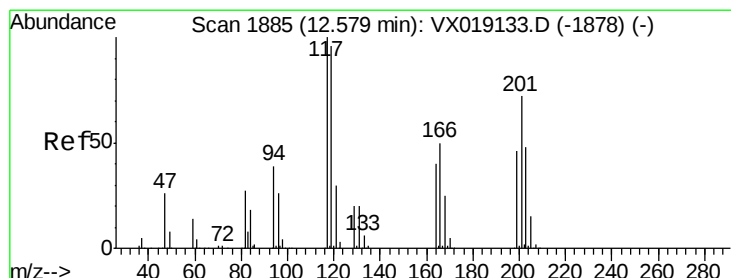
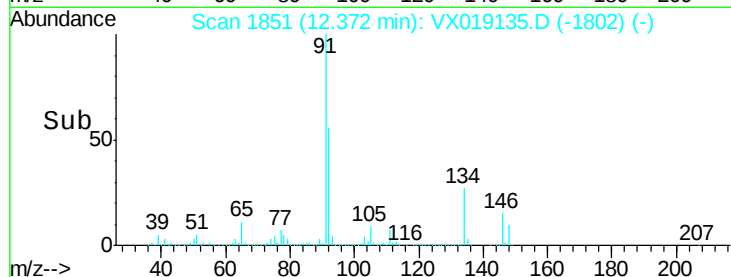
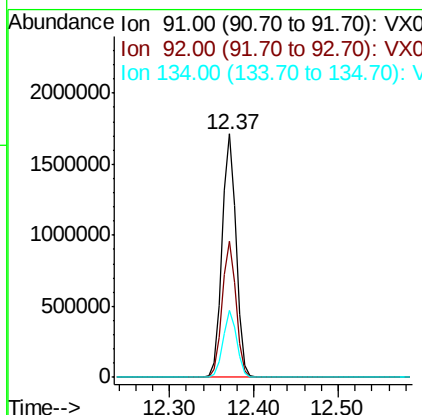
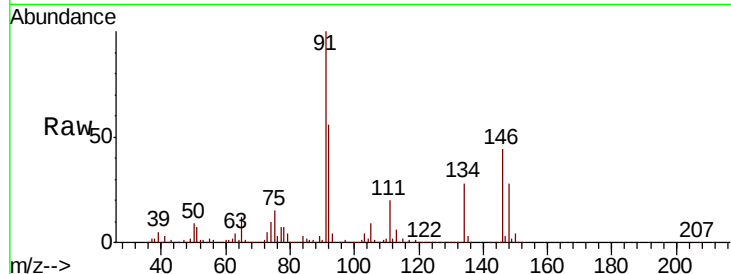
Time-->



#89
n-Butylbenzene
Concen: 168.238 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

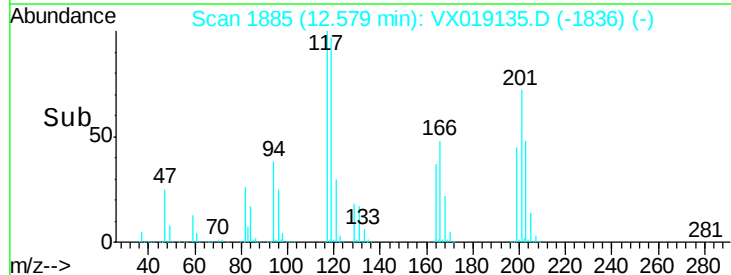
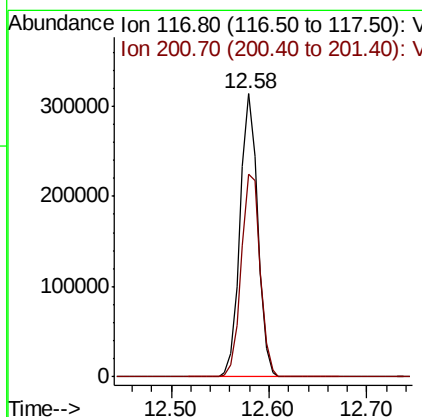
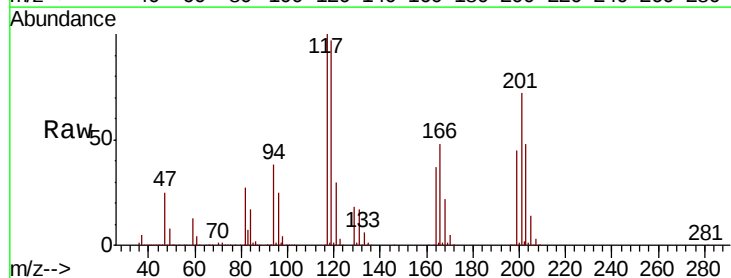
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

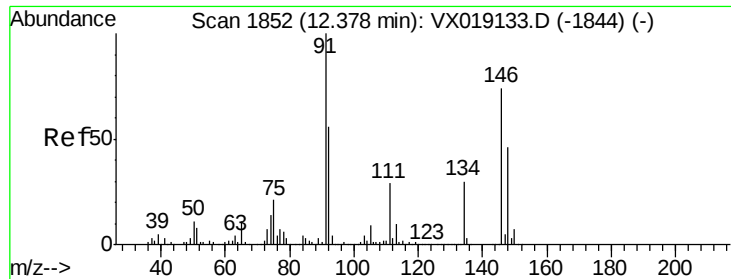
Tot Ion: 91 Resp: 1979789
Ion Ratio Lower Upper
91 100
92 55.4 27.5 82.4
134 26.9 13.2 39.6



#90
Hexachloroethane
Concen: 182.469 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion: 117 Resp: 394065
Ion Ratio Lower Upper
117 100
201 76.3 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 158.053 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

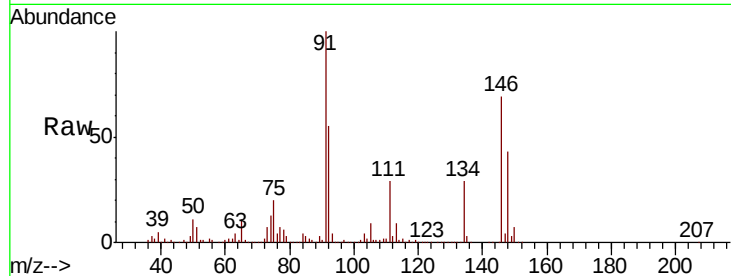
Tot Ion:146 Resp: 1033529

Ion Ratio Lower Upper

146 100

111 42.9 21.2 63.6

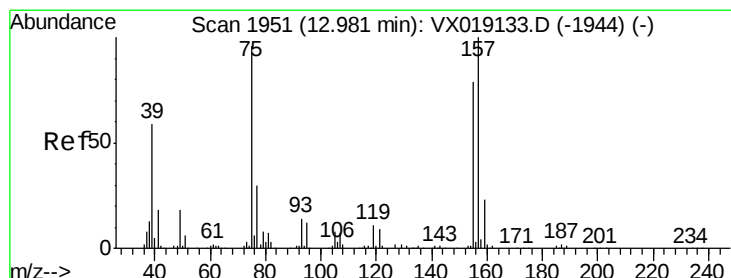
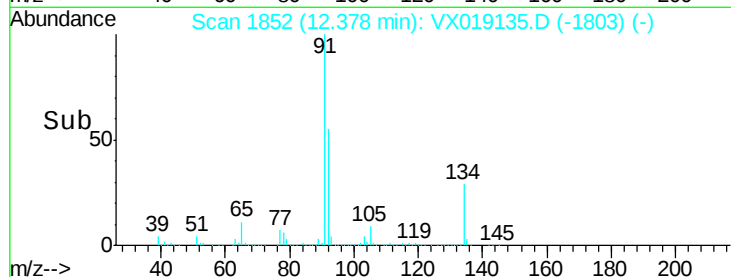
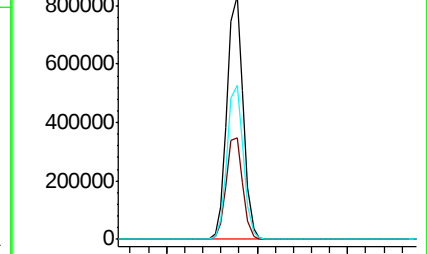
148 63.9 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 186.160 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

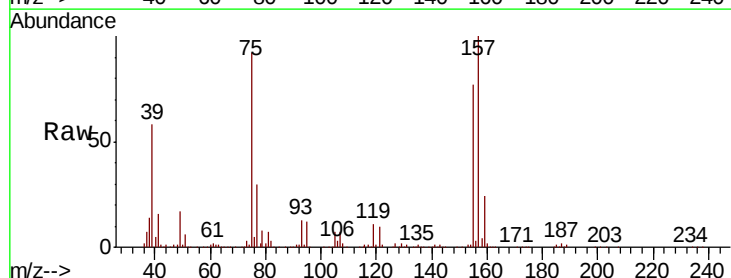
Tgt Ion: 75 Resp: 185015

Ion Ratio Lower Upper

75 100

155 86.0 42.8 128.4

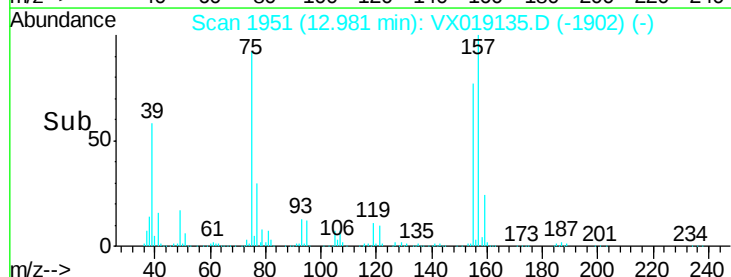
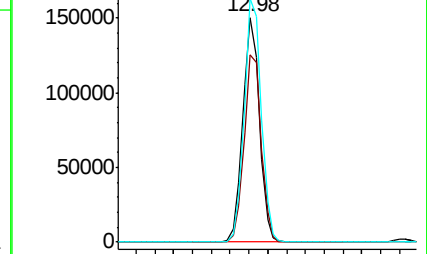
157 110.4 54.8 164.4

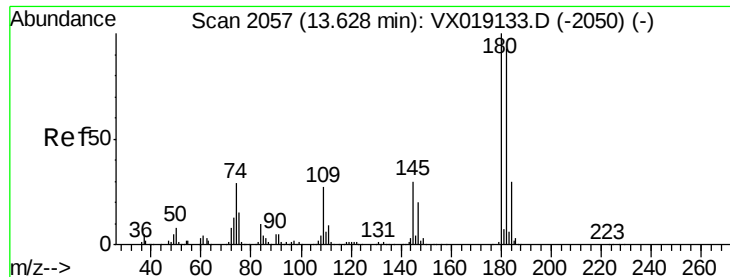


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

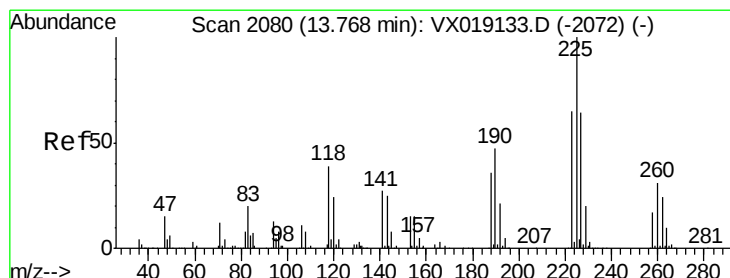
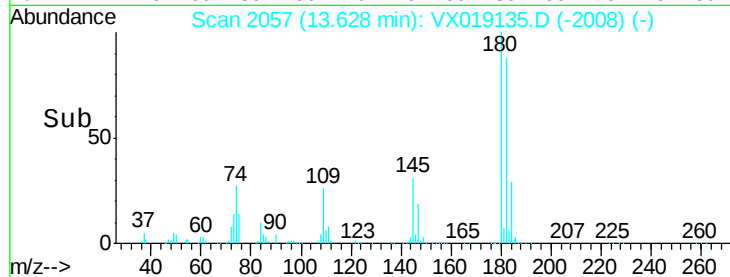
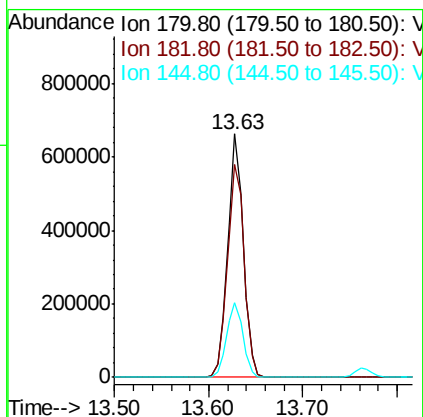
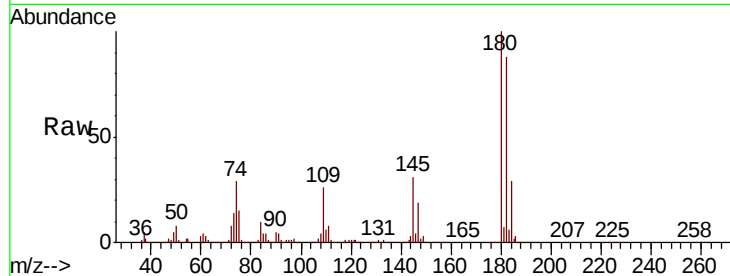




#93
 1,2,4-Trichlorobenzene
 Concen: 167.158 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

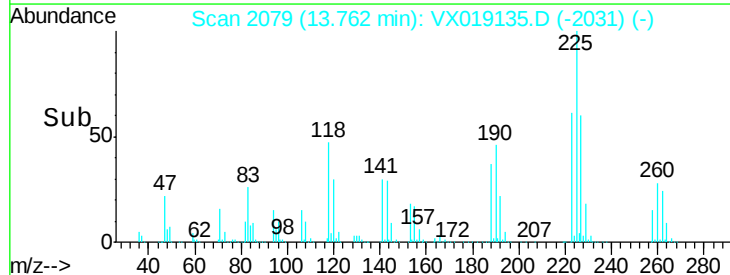
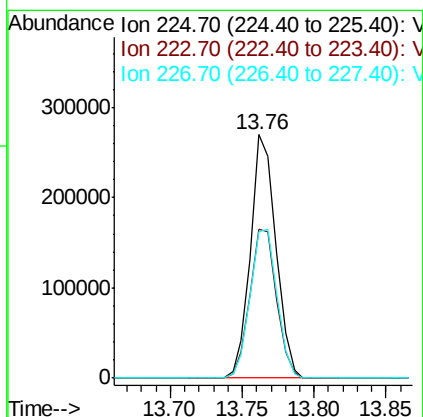
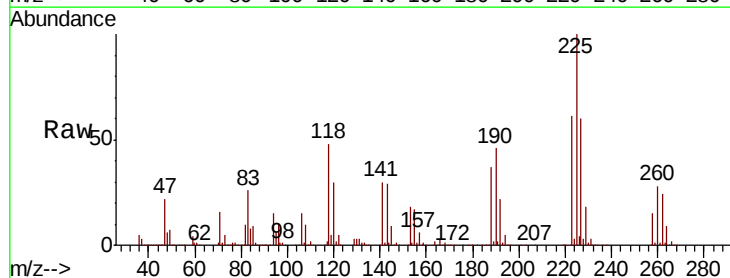
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

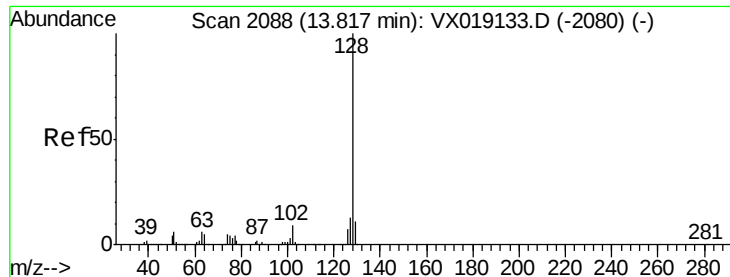
Tot Ion:180 Resp: 761917
 Ion Ratio Lower Upper
 180 100
 182 93.7 46.8 140.3
 145 32.1 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 161.317 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Tgt Ion:225 Resp: 326679
 Ion Ratio Lower Upper
 225 100
 223 64.3 32.4 97.2
 227 64.8 31.6 94.7





#95

Naphthalene

Concen: 169.969 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

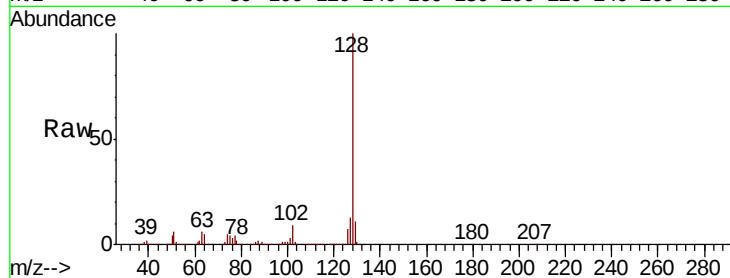
MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 2439747

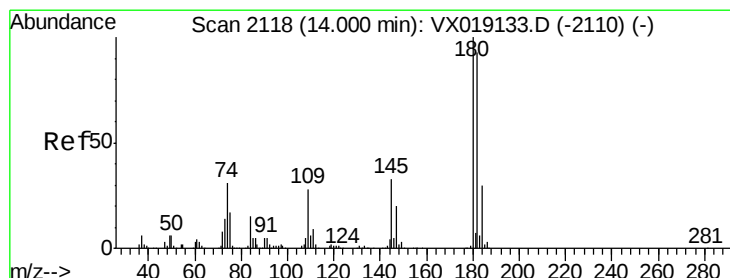
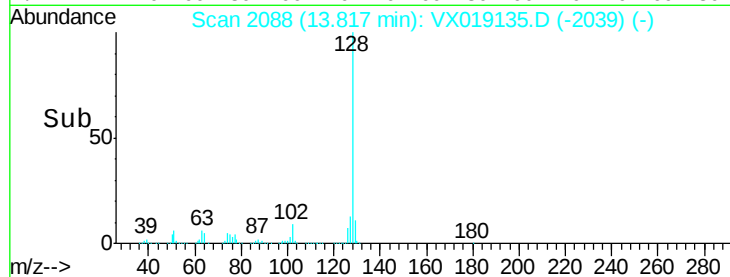
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 163.590 ug/l

RT: 14.00 min Scan# 2118

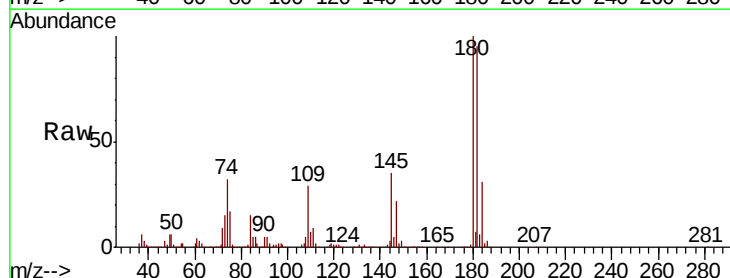
Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Tgt Ion:180 Resp: 731547

Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.8	143.3
145	33.5	16.5	49.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

