

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
 Data File : VX019136.D
 Acq On : 27 Oct 2020 14:53
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

Quant Time: Oct 28 02:28:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	291996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	469253	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	168568	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
35) Dibromofluoromethane	5.46	113	136701	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
50) Toluene-d8	8.70	98	517912	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
62) 4-Bromofluorobenzene	11.12	95	195301	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	128100	52.624	ug/l	99
3) Chloromethane	1.31	50	133315	49.021	ug/l	98
4) Vinyl Chloride	1.39	62	162524	51.531	ug/l	100
5) Bromomethane	1.63	94	101144	46.959	ug/l	99
6) Chloroethane	1.71	64	102967	51.133	ug/l	96
7) Trichlorofluoromethane	1.92	101	258461	52.163	ug/l	94
8) Diethyl Ether	2.17	74	99876	52.521	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	146265	53.257	ug/l	99
10) Methyl Iodide	2.49	142	154180	47.872	ug/l	99
11) Tert butyl alcohol	3.01	59	187887	252.615	ug/l	100
12) 1,1-Dichloroethene	2.36	96	145883	51.547	ug/l	96
13) Acrolein	2.27	56	77134	232.361	ug/l	99
14) Allyl chloride	2.70	41	221799	51.743	ug/l	99
15) Acrylonitrile	3.11	53	402003	257.212	ug/l	99
16) Acetone	2.42	43	339102	261.031	ug/l	98
17) Carbon Disulfide	2.55	76	411610	51.008	ug/l	100
18) Methyl Acetate	2.75	43	158075	50.039	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	519641	52.993	ug/l	99
20) Methylene Chloride	2.83	84	164491	50.436	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	166534	51.129	ug/l	99
22) Diisopropyl ether	3.82	45	452524	52.953	ug/l	98
23) Vinyl Acetate	3.78	43	2030899	266.495	ug/l	99
24) 1,1-Dichloroethane	3.67	63	279678	52.417	ug/l	99
25) 2-Butanone	4.63	43	543401	265.415	ug/l	100
26) 2,2-Dichloropropane	4.54	77	267107	53.251	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	188177	51.702	ug/l	99
28) Bromochloromethane	4.97	49	117300	48.358	ug/l	99
29) Tetrahydrofuran	5.08	42	340501	263.906	ug/l	100
30) Chloroform	5.17	83	296394	52.188	ug/l	98
31) Cyclohexane	5.54	56	246785	51.845	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	273074	53.034	ug/l	99
36) 1,1-Dichloropropene	5.76	75	230095	53.100	ug/l	100
37) Ethyl Acetate	4.79	43	212028	52.701	ug/l	100
38) Carbon Tetrachloride	5.75	117	237592	53.792	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	285217	55.048	ug/l	99
40) Benzene	6.10	78	655833	53.380	ug/l	99
41) Methacrylonitrile	4.99	41	111333	51.385	ug/l	98
42) 1,2-Dichloroethane	6.15	62	238156	52.597	ug/l	99
43) Isopropyl Acetate	6.40	43	355733	52.806	ug/l	100
44) Trichloroethene	7.18	130	186708	53.063	ug/l	97
45) 1,2-Dichloropropane	7.48	63	163133	54.210	ug/l	98
46) Dibromomethane	7.63	93	116337	52.280	ug/l	99
47) Bromodichloromethane	7.87	83	238340	54.340	ug/l	99
48) Methyl methacrylate	7.74	41	173924	53.640	ug/l	100
49) 1,4-Dioxane	7.72	88	79915	1108.271	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1046028	270.159	ug/l	100
52) Toluene	8.76	92	427790	54.062	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	271521	54.199	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	288320	54.730	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	166830	53.360	ug/l	99
56) Ethyl methacrylate	9.16	69	260259	55.111	ug/l	99
57) 1,3-Dichloropropane	9.35	76	282362	53.566	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	626701	237.290	ug/l	100
59) 2-Hexanone	9.47	43	806603	273.673	ug/l	100
60) Dibromochloromethane	9.56	129	185783	54.754	ug/l	100
61) 1,2-Dibromoethane	9.65	107	178343	53.343	ug/l	100
64) Tetrachloroethene	9.32	164	166291	51.453	ug/l	96
65) Chlorobenzene	10.12	112	450682	51.981	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	166121	53.222	ug/l	98
67) Ethyl Benzene	10.23	91	821422	53.169	ug/l	99
68) m/p-Xylenes	10.34	106	628638	108.415	ug/l	100
69) o-Xylene	10.68	106	296529	53.916	ug/l	98
70) Styrene	10.70	104	506159	53.939	ug/l	100
71) Bromoform	10.84	173	134187	54.223	ug/l	99
73) Isopropylbenzene	11.00	105	801220	52.630	ug/l	100
74) N-amyl acetate	10.88	43	296592	53.284	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	251095	52.775	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	296134	66.686	ug/l	86
77) Bromobenzene	11.24	156	194551	51.491	ug/l	98
78) n-propylbenzene	11.34	91	932172	53.640	ug/l	100
79) 2-Chlorotoluene	11.40	91	536198	52.407	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	687893	53.487	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	86457	51.262	ug/l	99
82) 4-Chlorotoluene	11.49	91	651210	52.122	ug/l	100
83) tert-Butylbenzene	11.76	119	667661	54.218	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	687180	52.926	ug/l	100
85) sec-Butylbenzene	11.93	105	805423	54.533	ug/l	99
86) p-Isopropyltoluene	12.05	119	745856	54.713	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	366085	52.028	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	373364	50.975	ug/l	99
89) n-Butylbenzene	12.37	91	695376	54.268	ug/l	99
90) Hexachloroethane	12.58	117	126448	54.572	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	355324	52.590	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60849	52.243	ug/l	99

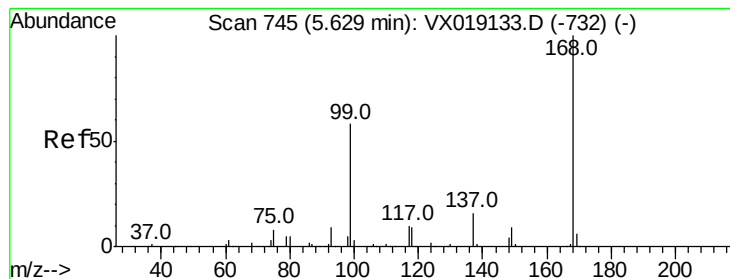
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102720\
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Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	261394	51.506	ug/l	99
94) Hexachlorobutadiene	13.76	225	118921	53.232	ug/l	99
95) Naphthalene	13.82	128	822466	51.456	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	254419	51.676	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

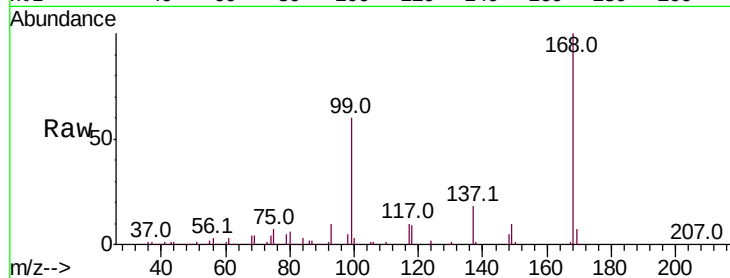
ICVVX102720

Tot Ion:168 Resp: 291996

Ion Ratio Lower Upper

168 100

99 59.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

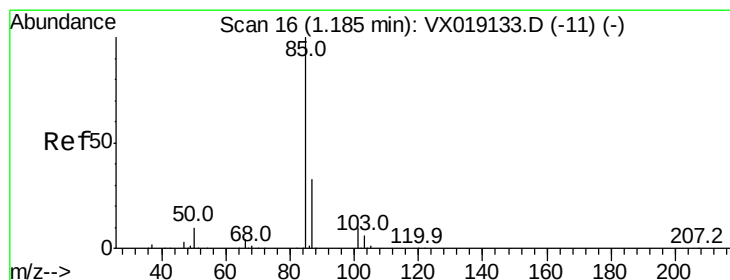
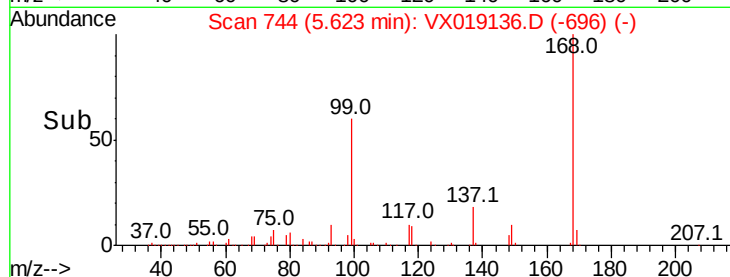
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.624 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019136.D

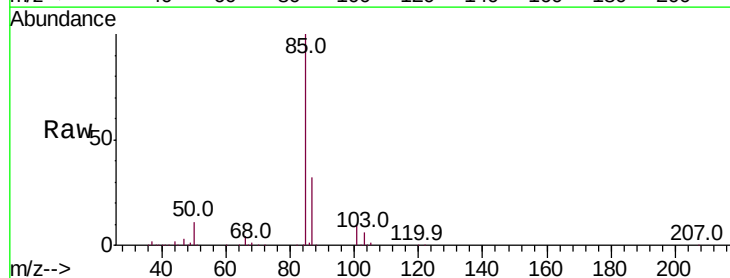
Acq: 27 Oct 2020 14:53

Tgt Ion: 85 Resp: 128100

Ion Ratio Lower Upper

85 100

87 32.5 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

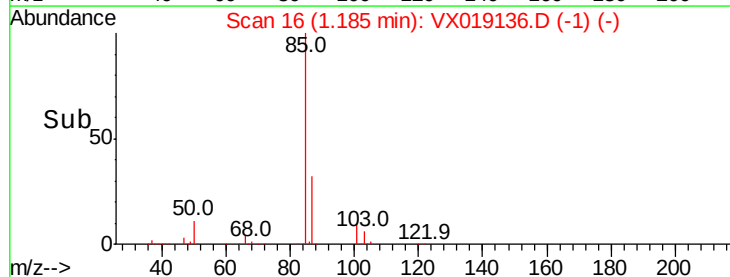
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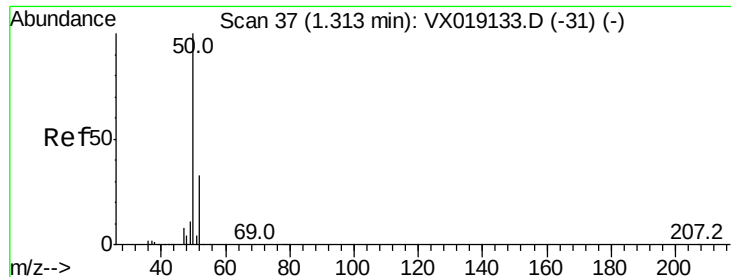
100000

50000

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Time-->





#3

Chloromethane

Concen: 49.021 ug/l

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

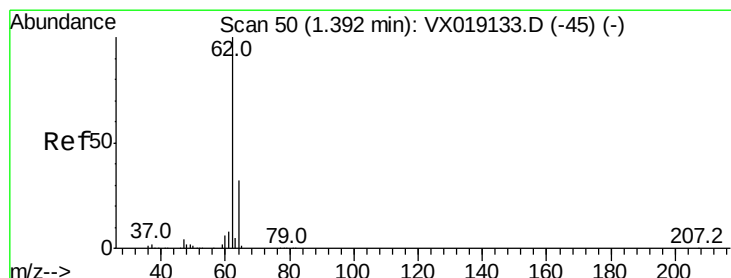
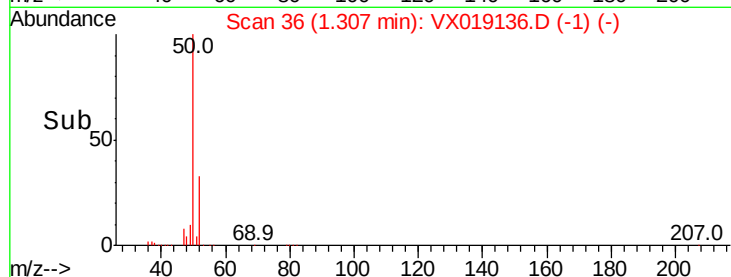
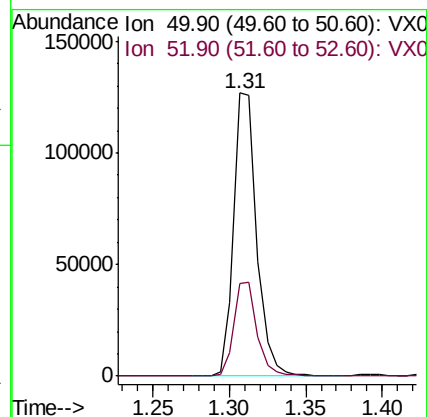
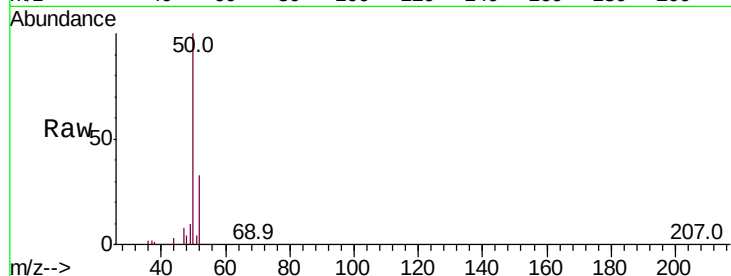
ICVVX102720

Tot Ion: 50 Resp: 133315

Ion Ratio Lower Upper

50 100

52 32.6 26.8 40.2



#4

Vinyl Chloride

Concen: 51.531 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019136.D

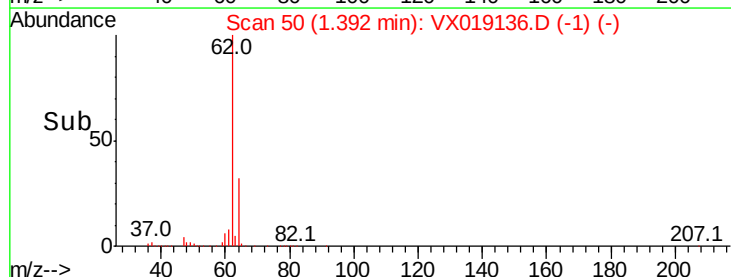
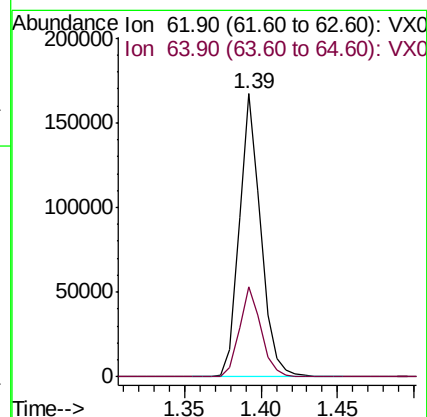
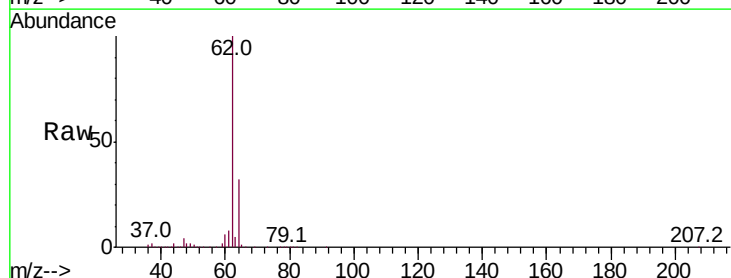
Acq: 27 Oct 2020 14:53

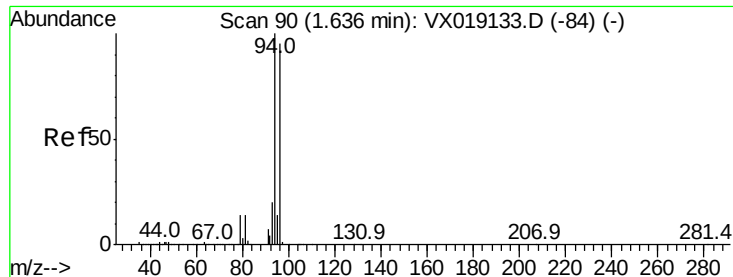
Tgt Ion: 62 Resp: 162524

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 46.959 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

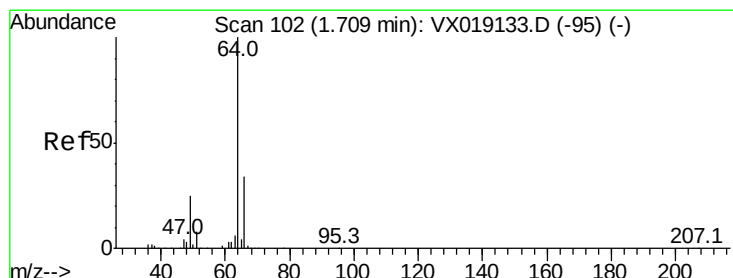
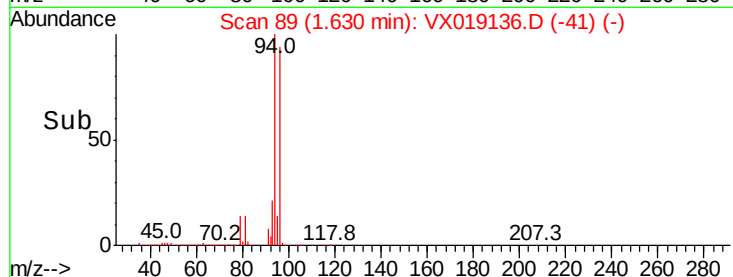
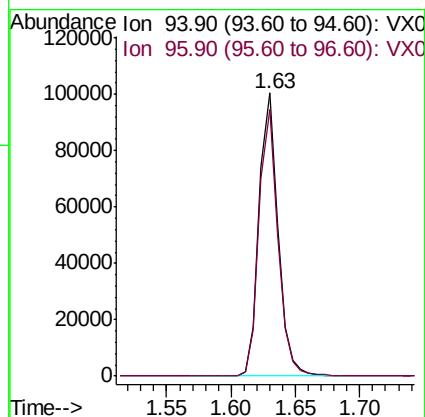
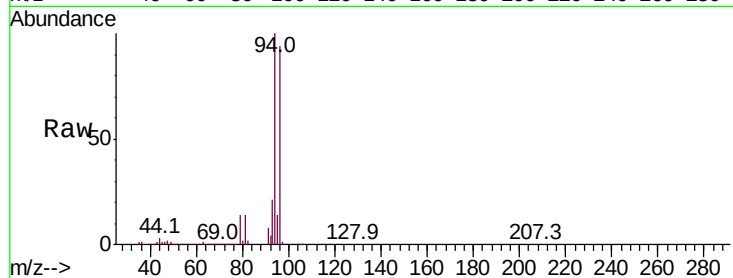
ICVVX102720

Tot Ion: 94 Resp: 101144

Ion Ratio Lower Upper

94 100

96 94.0 76.0 114.0



#6

Chloroethane

Concen: 51.133 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019136.D

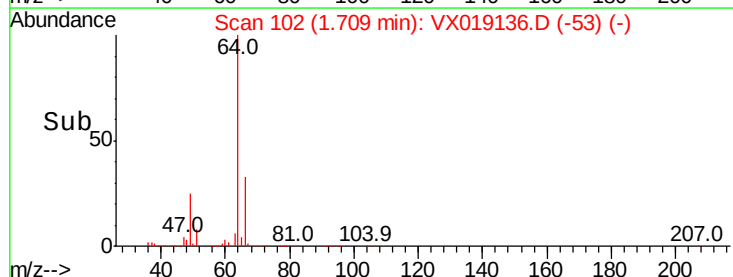
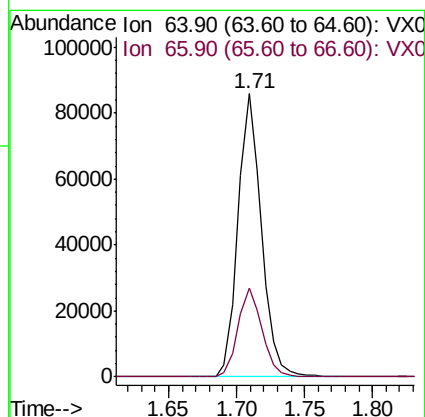
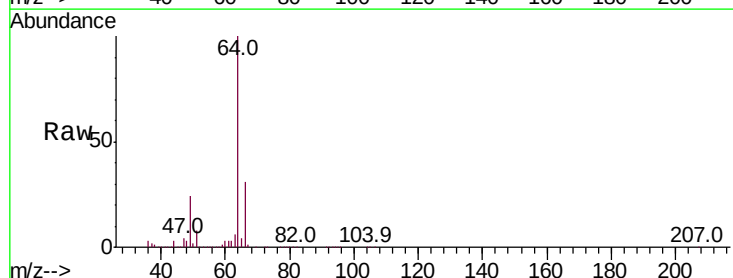
Acq: 27 Oct 2020 14:53

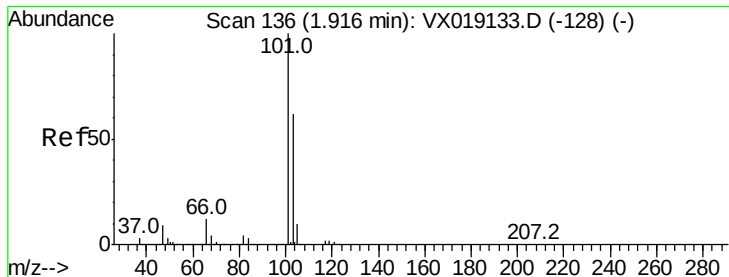
Tgt Ion: 64 Resp: 102967

Ion Ratio Lower Upper

64 100

66 31.4 27.1 40.7



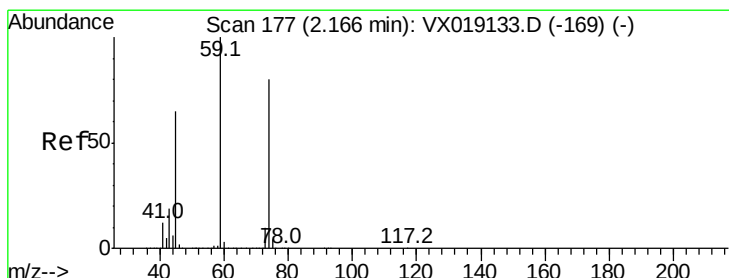
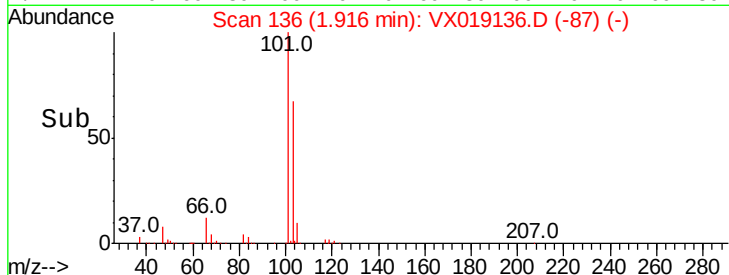
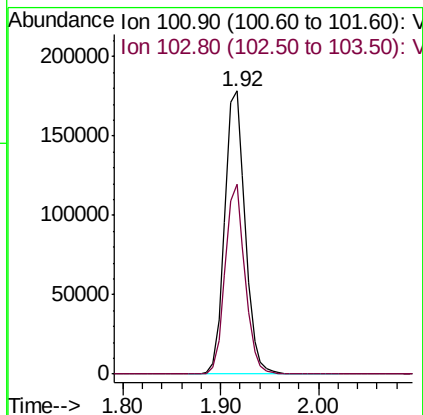
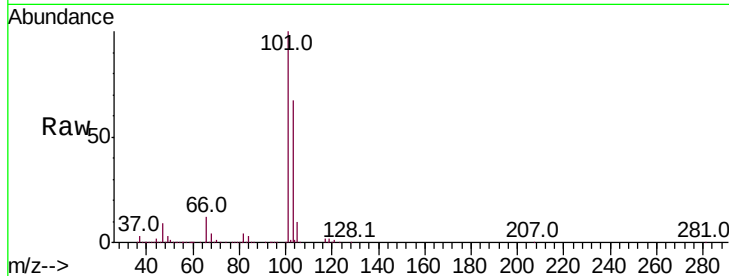


#7

Trichlorofluoromethane
 Concen: 52.163 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX019136.D
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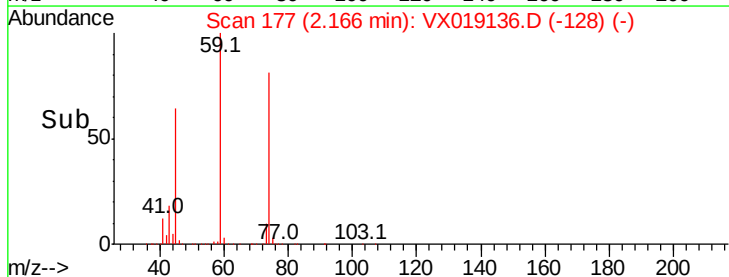
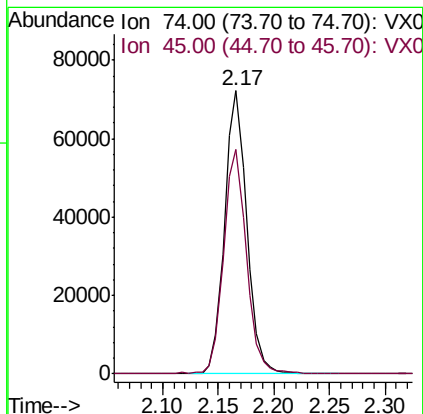
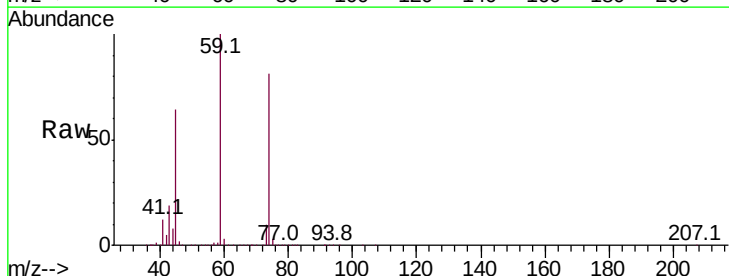
Tot Ion:101 Resp: 258461
 Ion Ratio Lower Upper
 101 100
 103 67.1 50.0 75.0

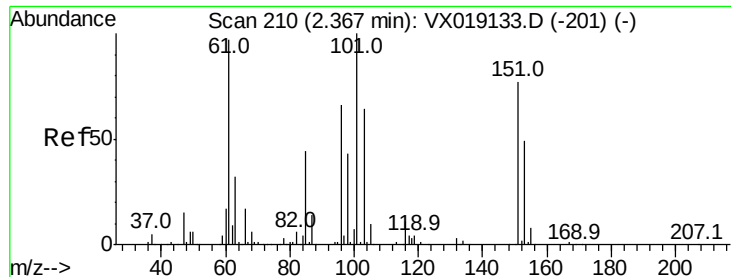


#8

Diethyl Ether
 Concen: 52.521 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion: 74 Resp: 99876
 Ion Ratio Lower Upper
 74 100
 45 81.4 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.257 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

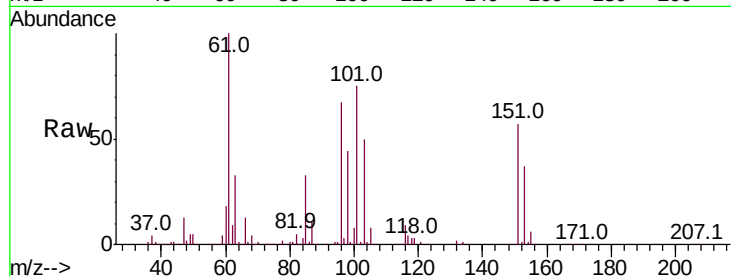
Tot Ion:101 Resp: 146265

Ion Ratio Lower Upper

101 100

85 43.9 35.0 52.4

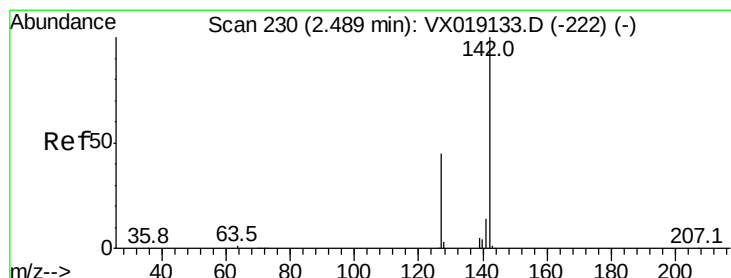
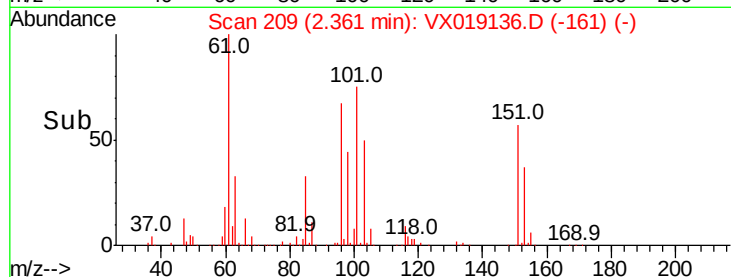
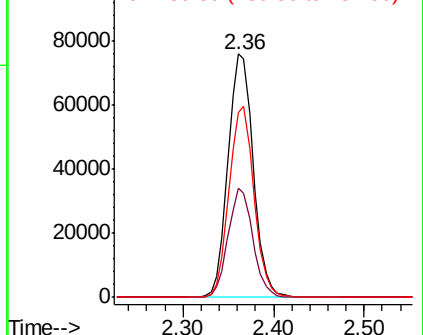
151 77.7 61.4 92.2



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: 47.872 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

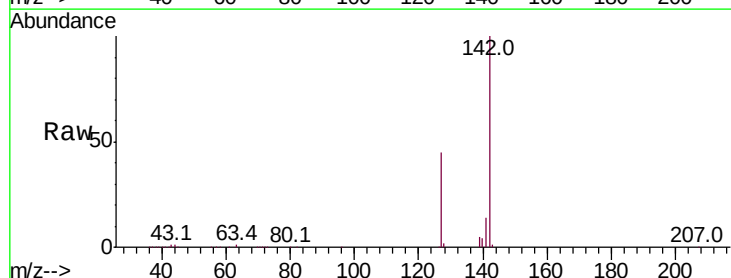
Tgt Ion:142 Resp: 154180

Ion Ratio Lower Upper

142 100

127 44.6 36.1 54.1

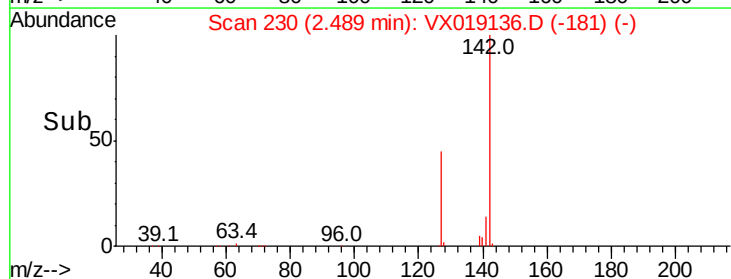
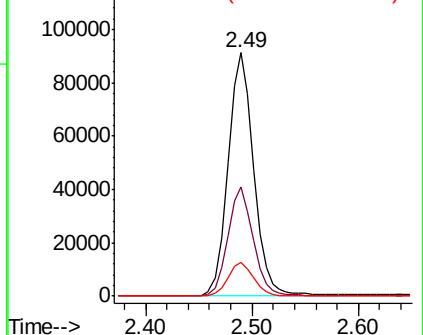
141 13.9 11.3 16.9

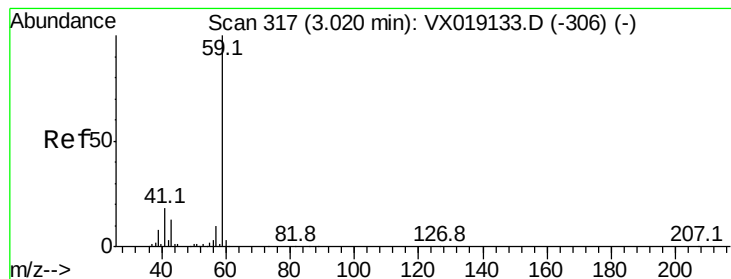


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



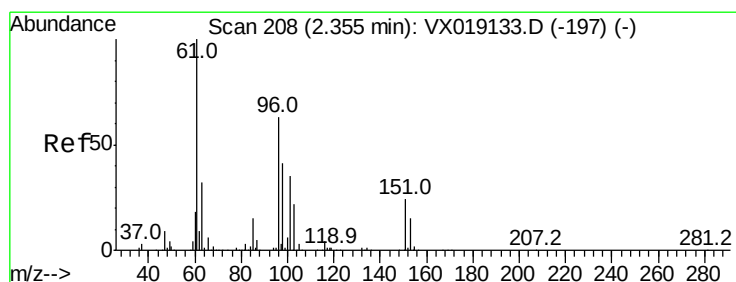
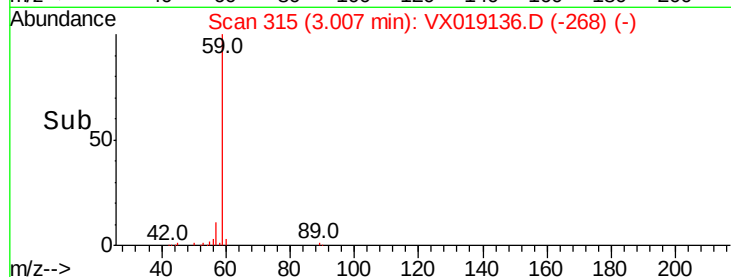
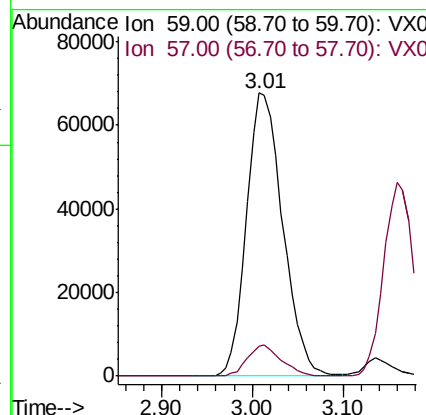
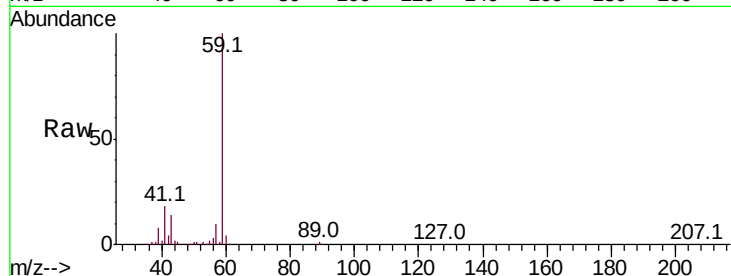


#11

Tert butyl alcohol
Concen: 252.615 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

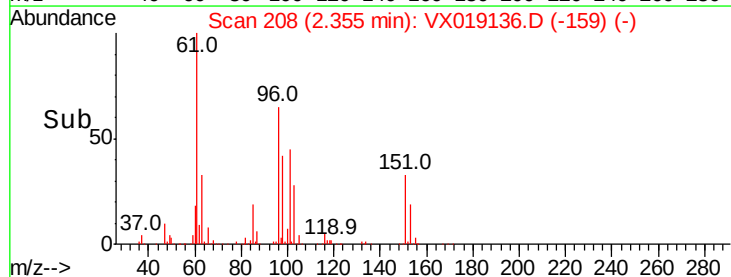
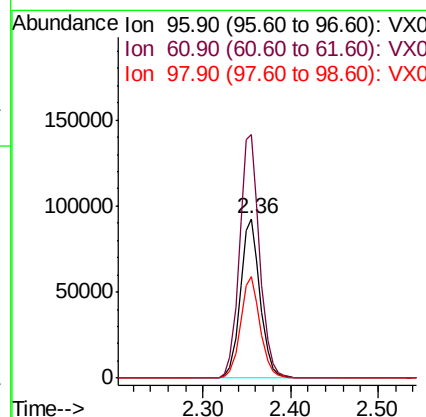
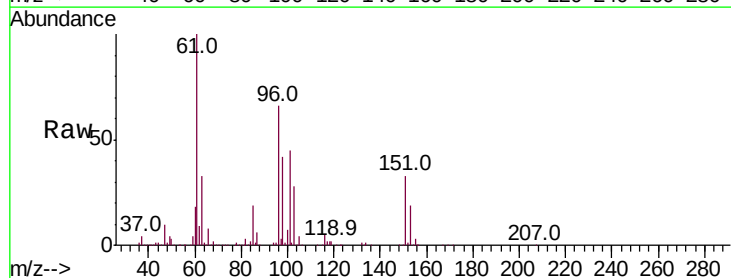
Tot Ion: 59 Resp: 187887
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6

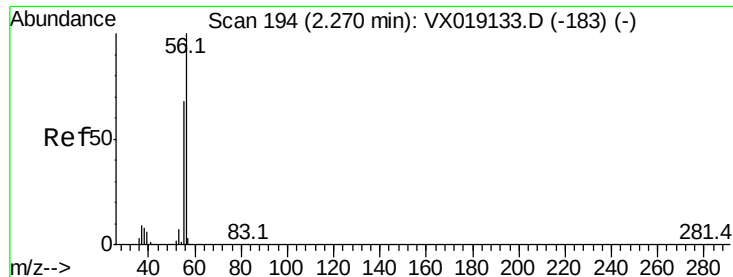


#12

1,1-Dichloroethene
Concen: 51.547 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion: 96 Resp: 145883
Ion Ratio Lower Upper
96 100
61 152.6 127.7 191.5
98 63.7 52.1 78.1





#13

Acrolein

Concen: 232.361 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

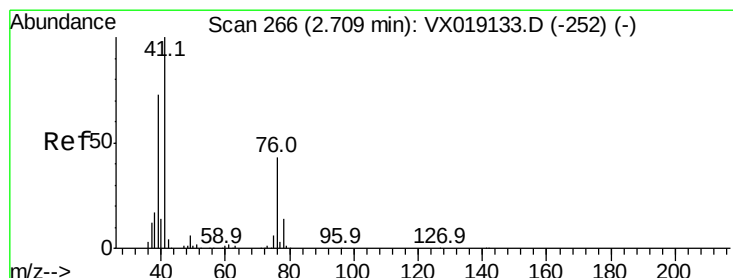
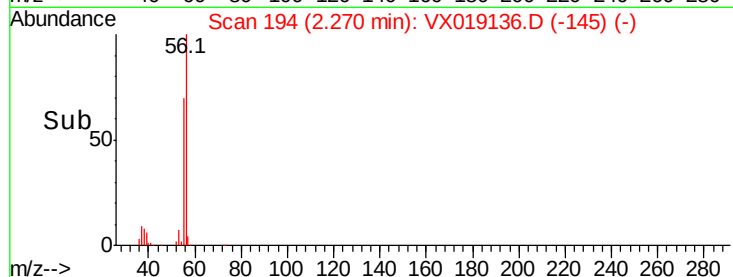
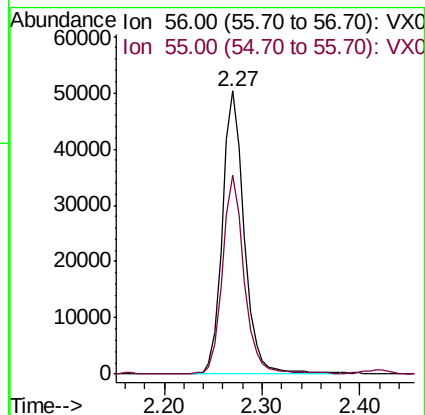
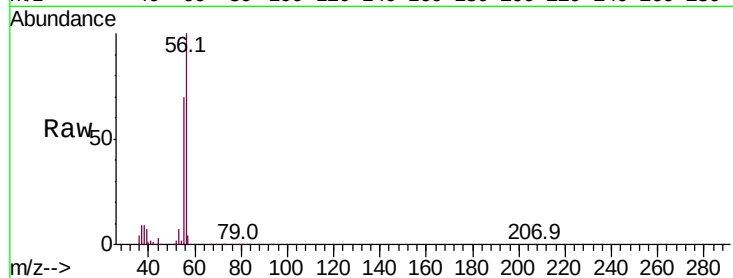
ICVVX102720

Tot Ion: 56 Resp: 77134

Ion Ratio Lower Upper

56 100

55 69.5 54.7 82.1



#14

Allyl chloride

Concen: 51.743 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

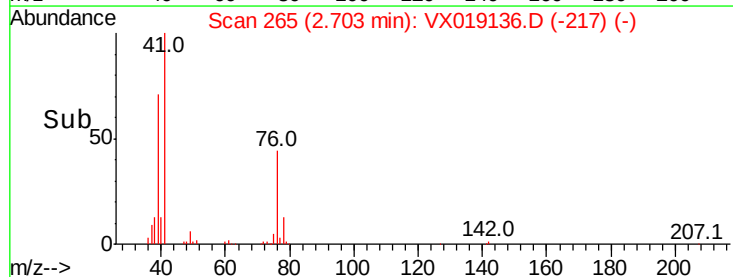
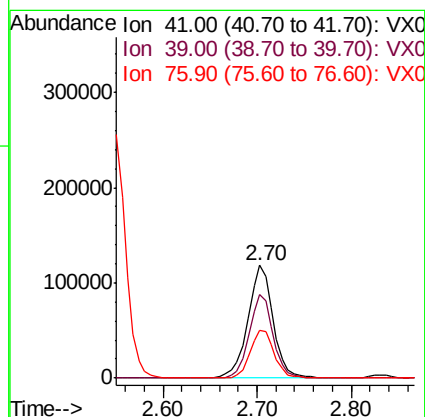
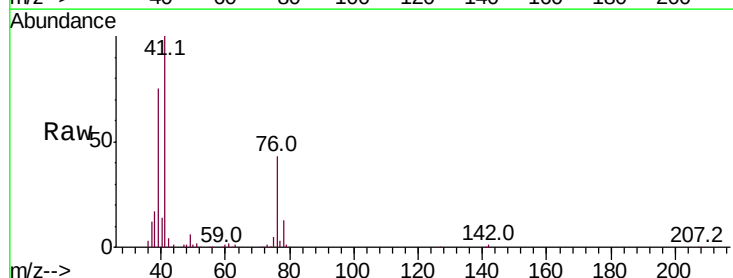
Tgt Ion: 41 Resp: 221799

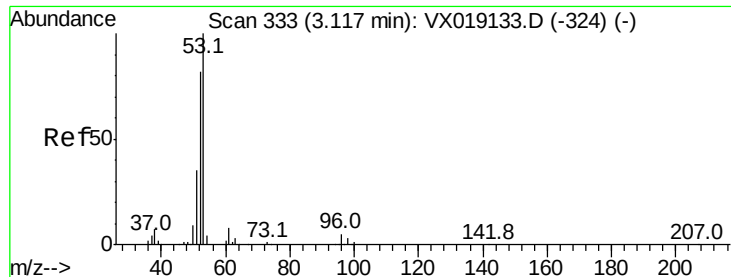
Ion Ratio Lower Upper

41 100

39 69.7 55.2 82.8

76 40.3 31.5 47.3





#15

Acrylonitrile

Concen: 257.212 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

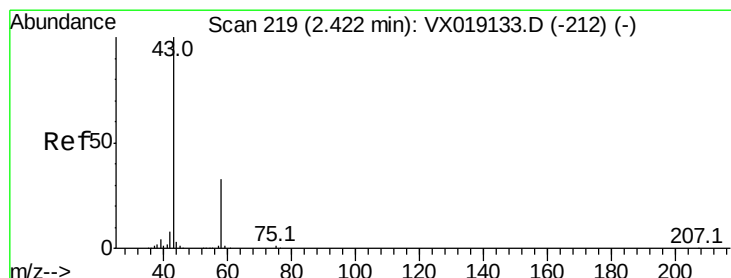
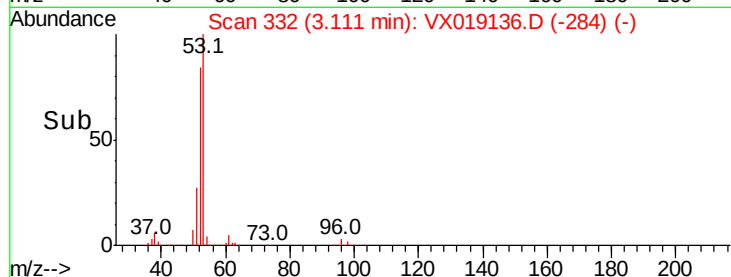
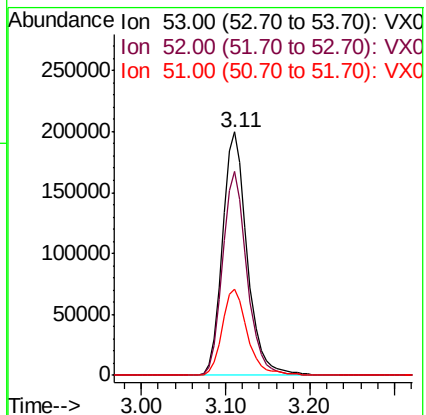
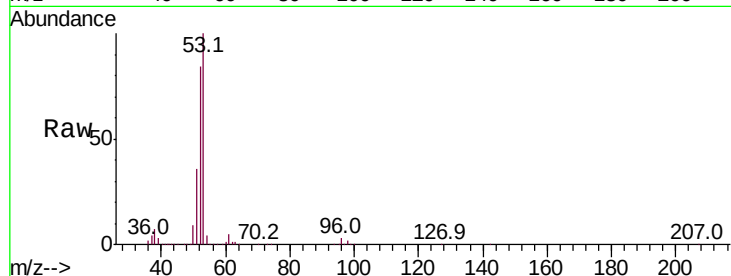
Tot Ion: 53 Resp: 402003

Ion Ratio Lower Upper

53 100

52 82.8 65.7 98.5

51 36.4 28.4 42.6



#16

Acetone

Concen: 261.031 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019136.D

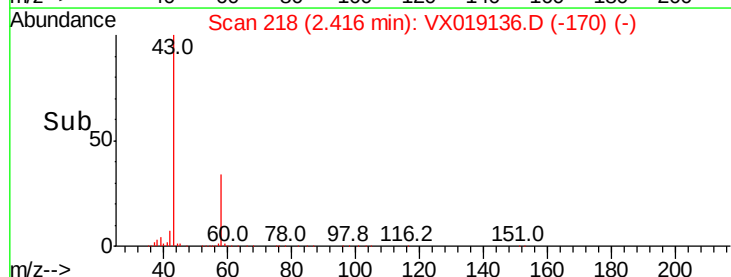
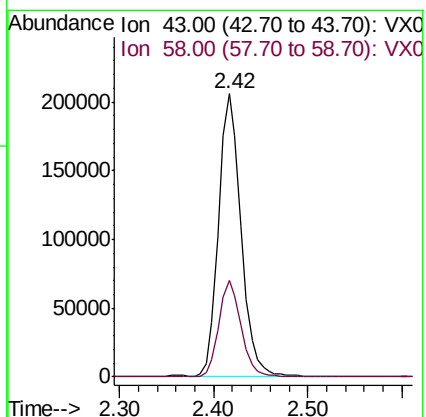
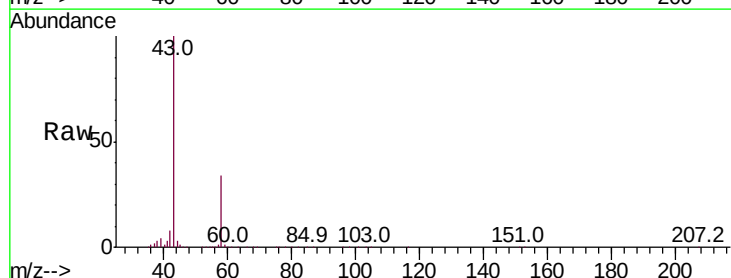
Acq: 27 Oct 2020 14:53

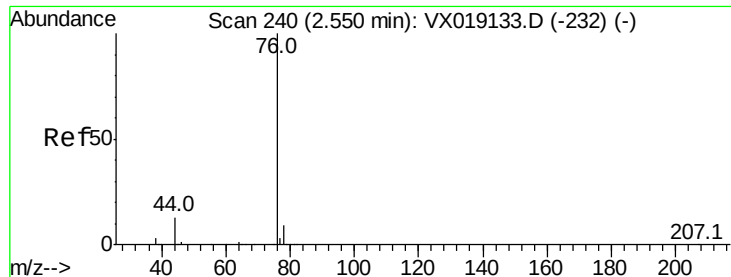
Tgt Ion: 43 Resp: 339102

Ion Ratio Lower Upper

43 100

58 34.3 26.3 39.5

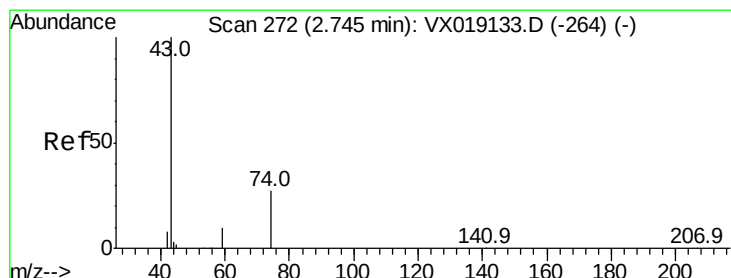
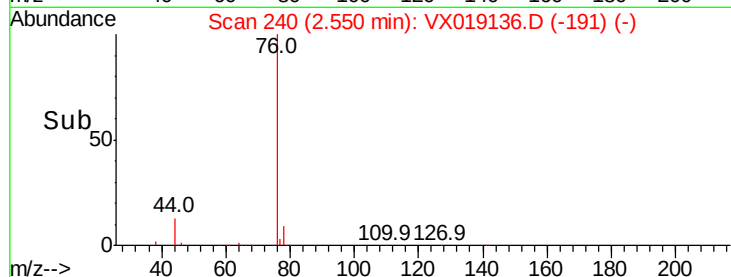
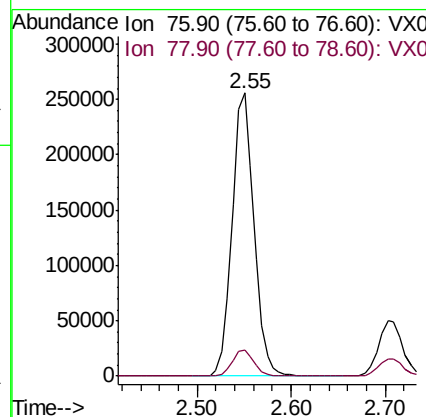
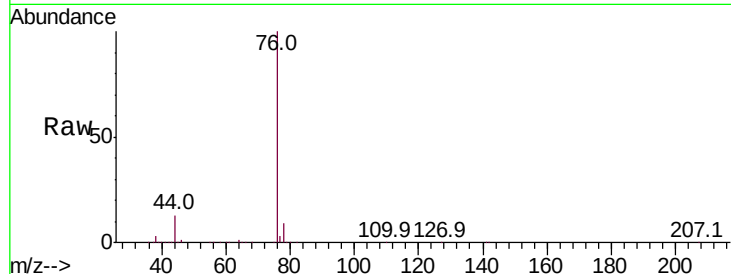




#17
Carbon Disulfide
Concen: 51.008 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

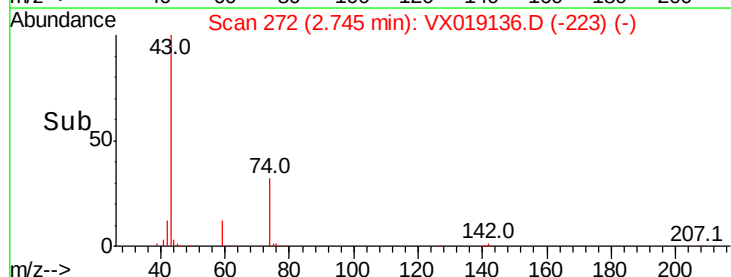
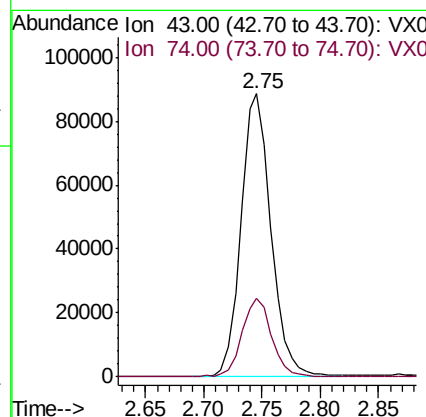
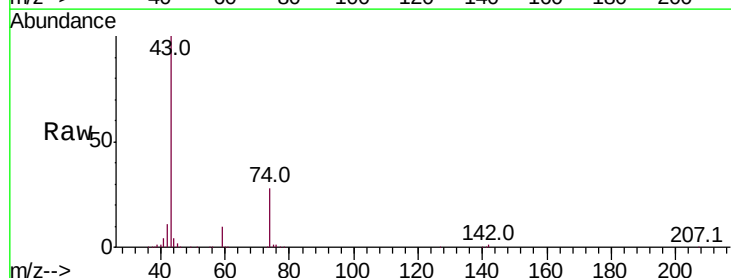
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

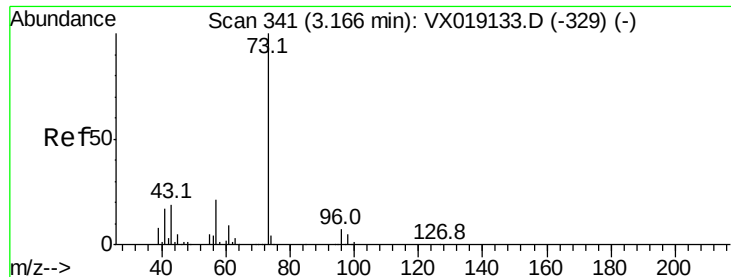
Tot Ion: 76 Resp: 411610
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 50.039 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion: 43 Resp: 158075
Ion Ratio Lower Upper
43 100
74 28.1 22.6 33.8

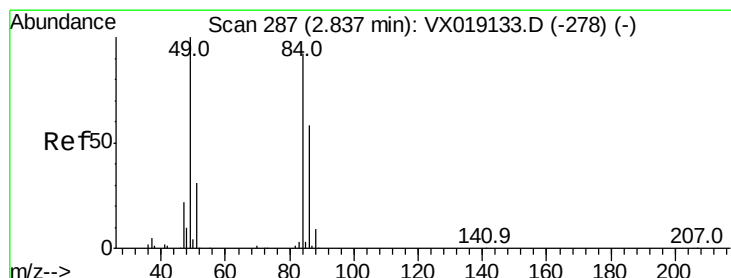
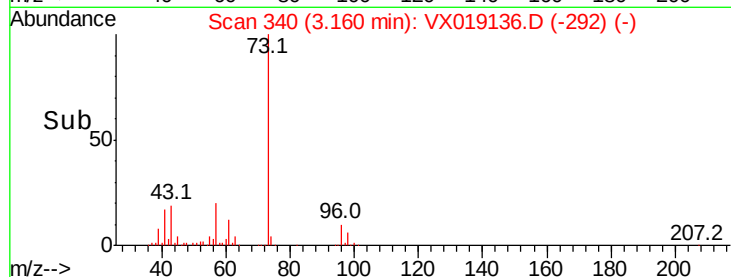
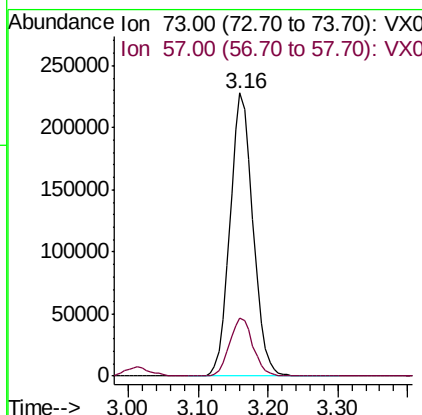
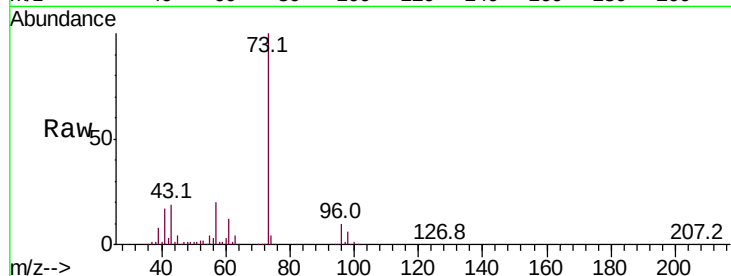




#19
Methyl tert-butyl Ether
Concen: 52.993 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

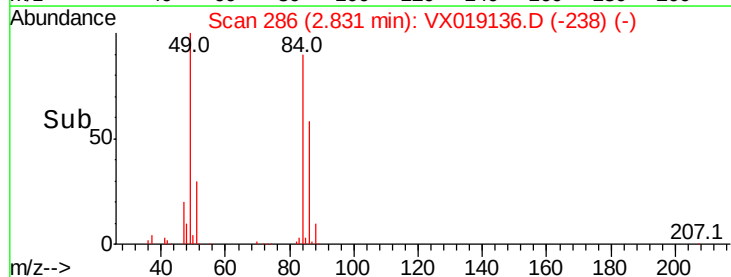
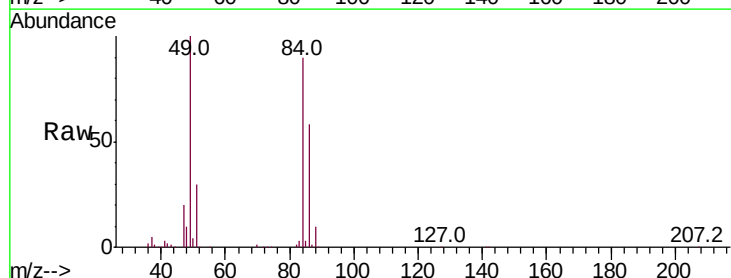
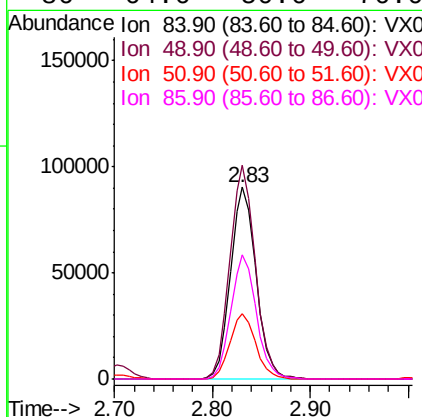
Instrument :
MSVOA_X
ClientSampled :
ICVVX102720

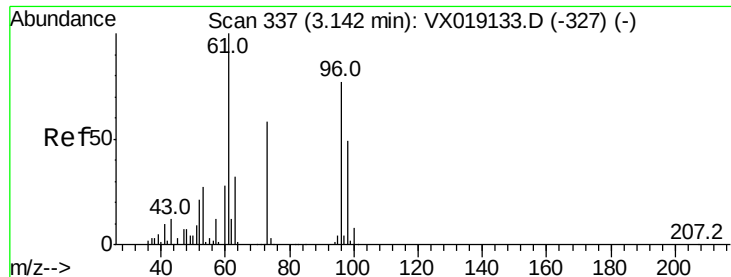
Tot Ion: 73 Resp: 519641
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0



#20
Methylene Chloride
Concen: 50.436 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion: 84 Resp: 164491
Ion Ratio Lower Upper
84 100
49 111.5 86.8 130.2
51 33.9 27.3 40.9
86 64.6 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 51.129 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

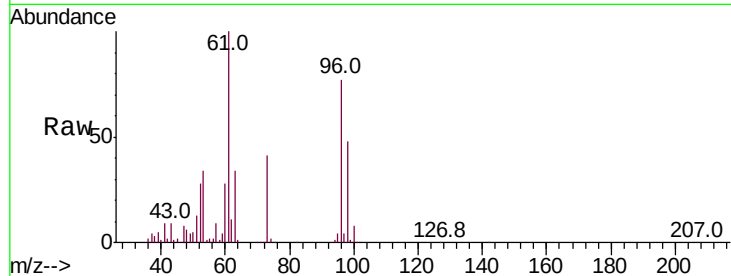
Tot Ion: 96 Resp: 166534

Ion Ratio Lower Upper

96 100

61 129.7 104.2 156.4

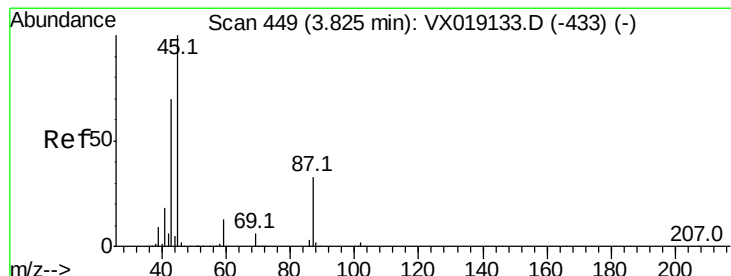
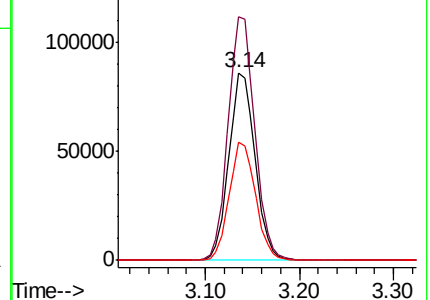
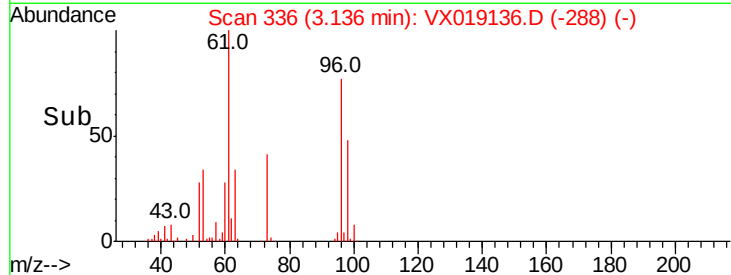
98 62.7 51.3 76.9



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: 52.953 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Tgt Ion: 45 Resp: 452524

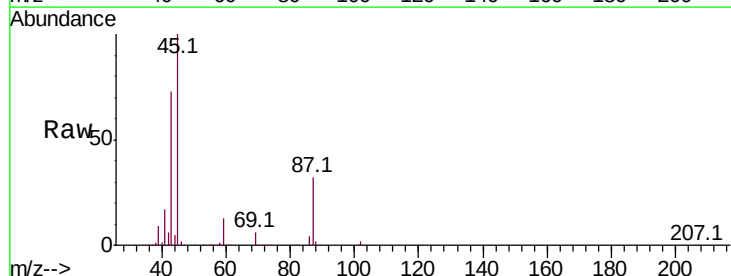
Ion Ratio Lower Upper

45 100

43 72.6 56.2 84.4

87 32.2 26.2 39.2

59 12.6 10.1 15.1

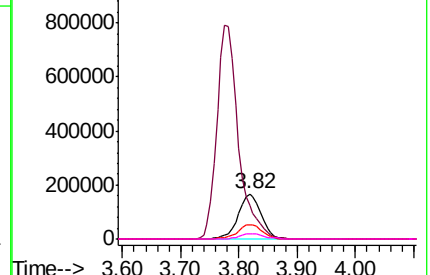
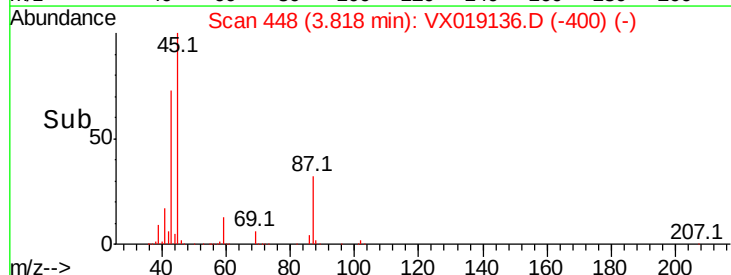


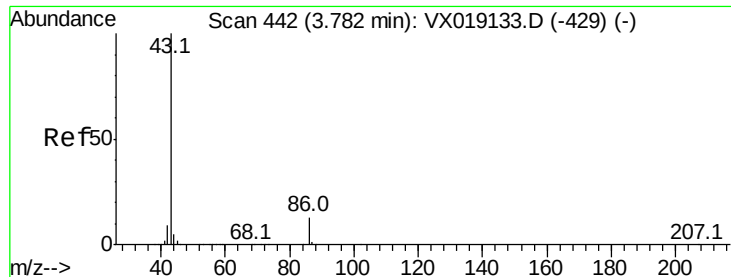
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

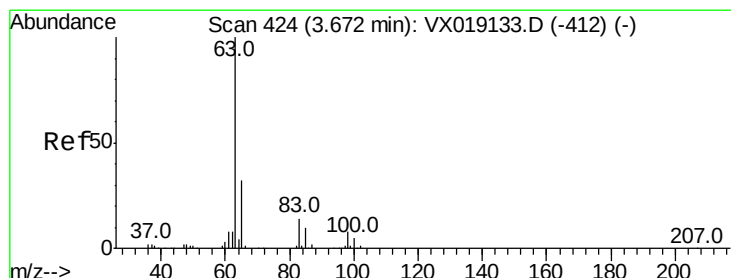
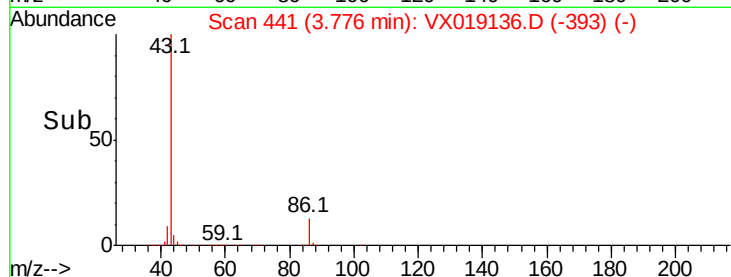
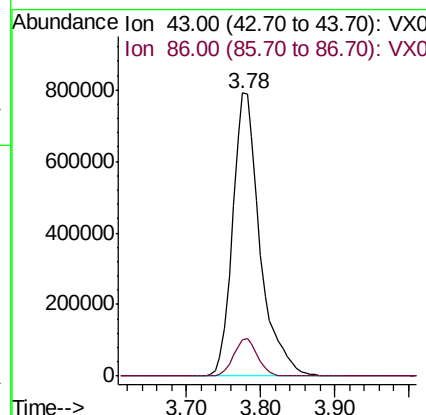
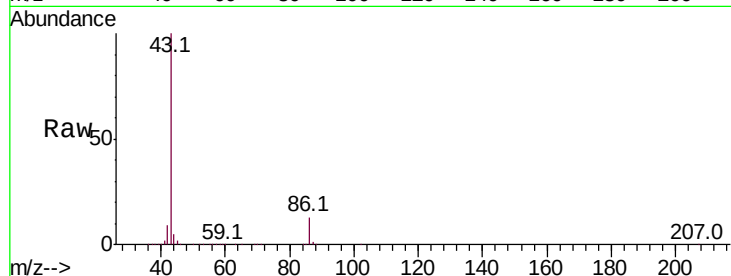




#23
 Vinyl Acetate
 Concen: 266.495 ug/l
 RT: 3.78 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

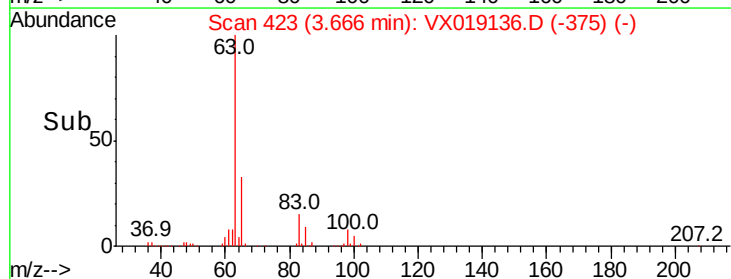
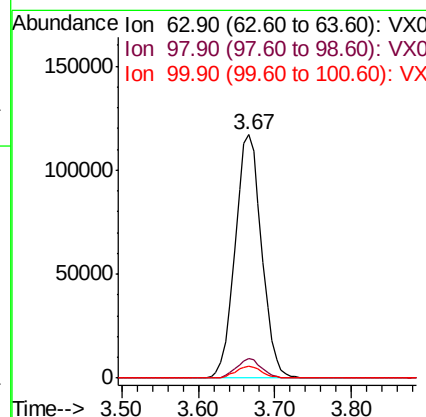
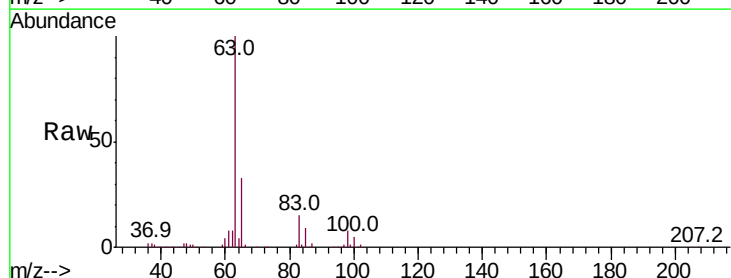
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

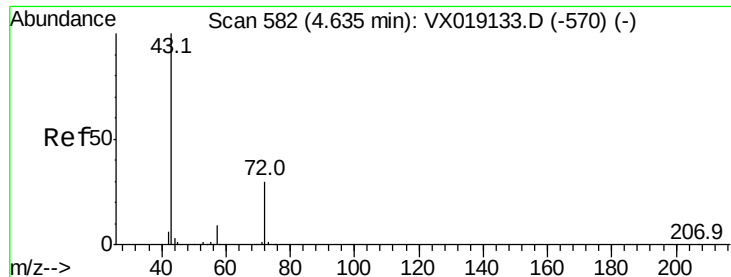
Tot Ion: 43 Resp: 2030899
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.4 15.6



#24
 1,1-Dichloroethane
 Concen: 52.417 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion: 63 Resp: 279678
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.4
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 265.415 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

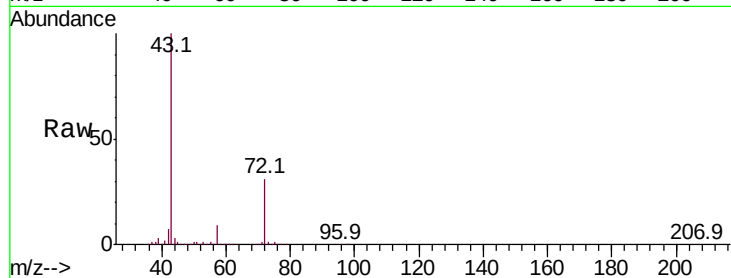
ICVVX102720

Tot Ion: 43 Resp: 543401

Ion Ratio Lower Upper

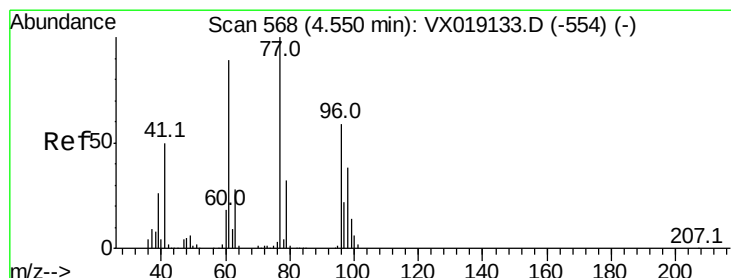
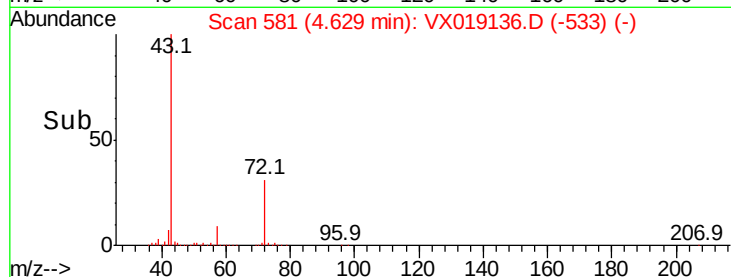
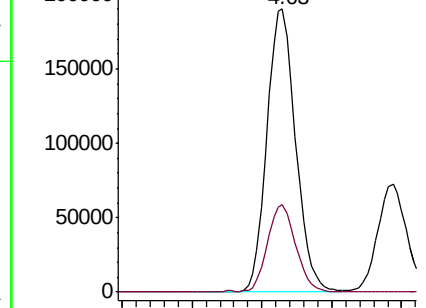
43 100

72 30.7 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 53.251 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019136.D

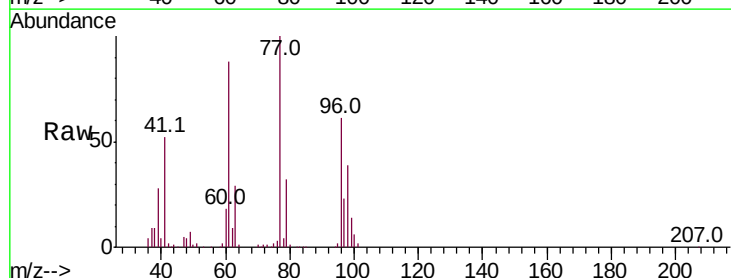
Acq: 27 Oct 2020 14:53

Tgt Ion: 77 Resp: 267107

Ion Ratio Lower Upper

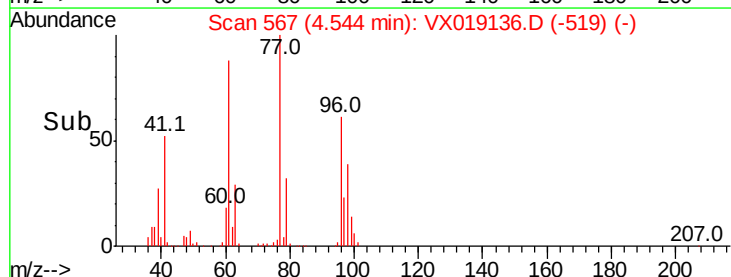
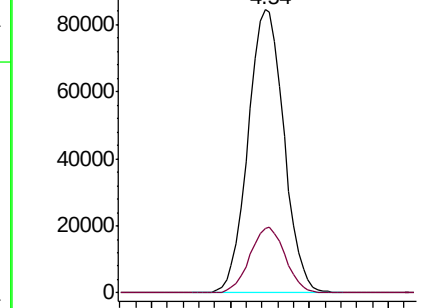
77 100

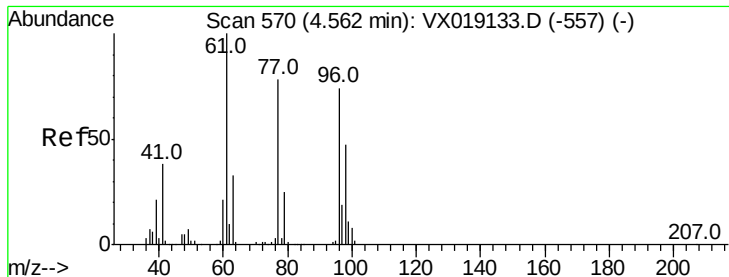
97 22.9 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



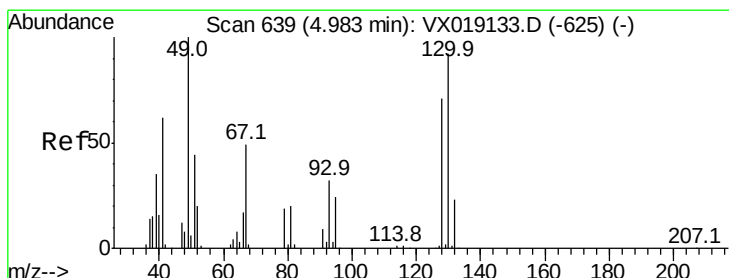
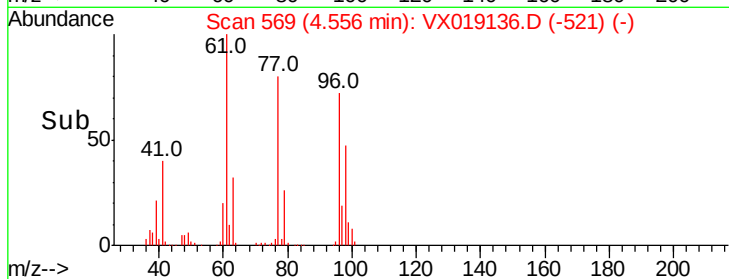
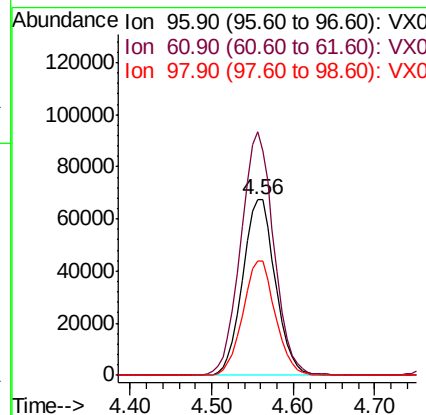
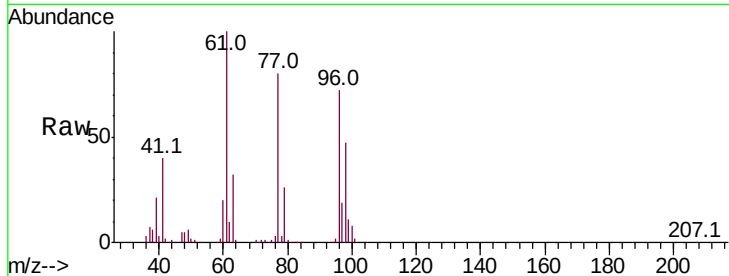


#27

cis-1,2-Dichloroethene
Concen: 51.702 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

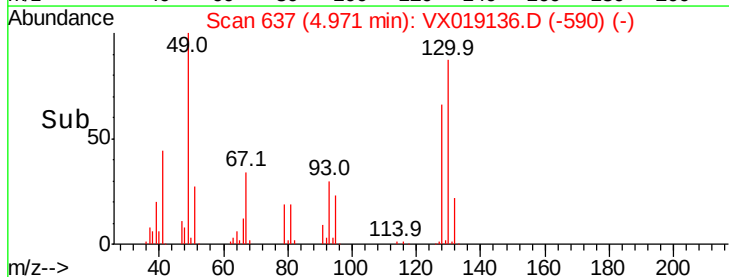
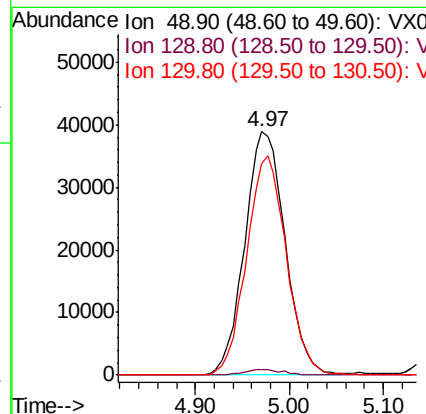
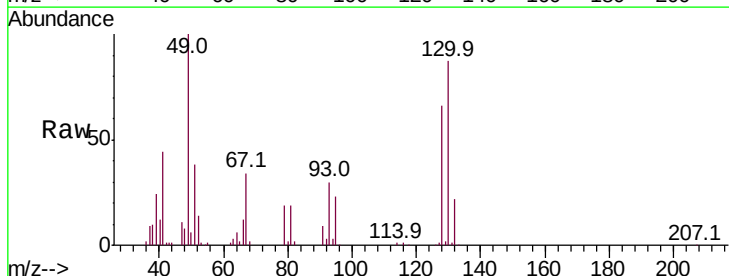
Tot Ion	96	Resp	188177
Ion	Ratio	Lower	Upper
96	100		
61	139.8	0.0	278.8
98	64.5	0.0	130.2

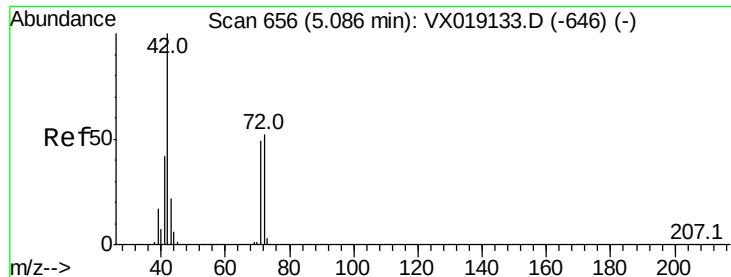


#28

Bromochloromethane
Concen: 48.358 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion	49	Resp	117300
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	88.2	71.3	106.9

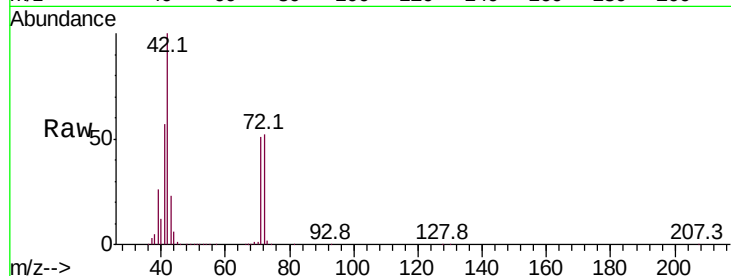




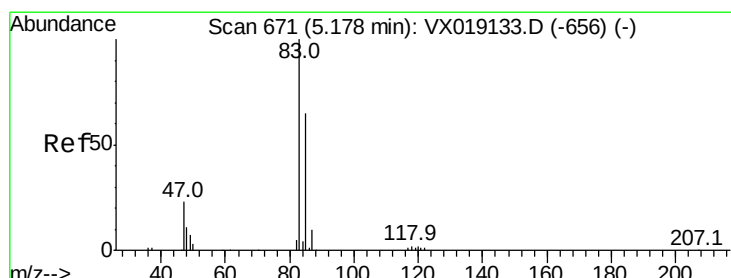
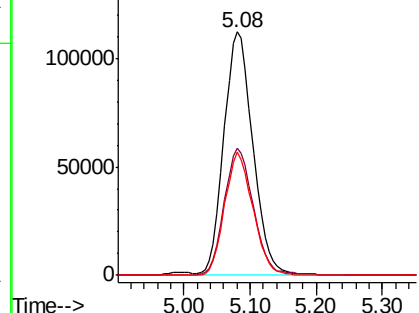
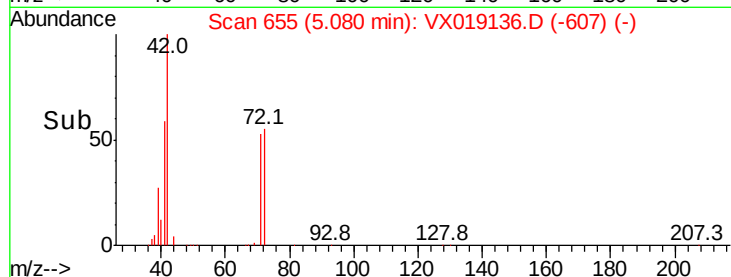
#29
Tetrahydrofuran
Concen: 263.906 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampled :
ICVVX102720

Tot Ion: 42 Resp: 340501
Ion Ratio Lower Upper
42 100
72 53.1 42.6 63.8
71 49.5 39.7 59.5

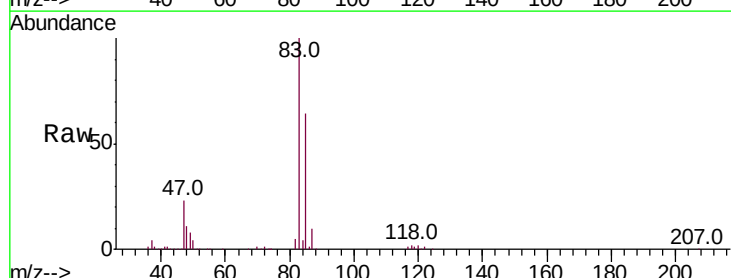


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

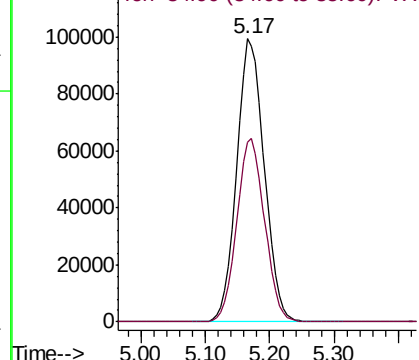
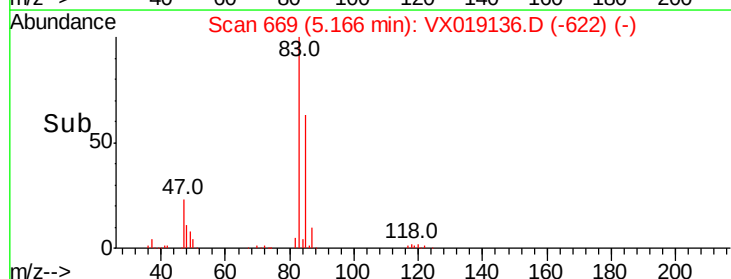


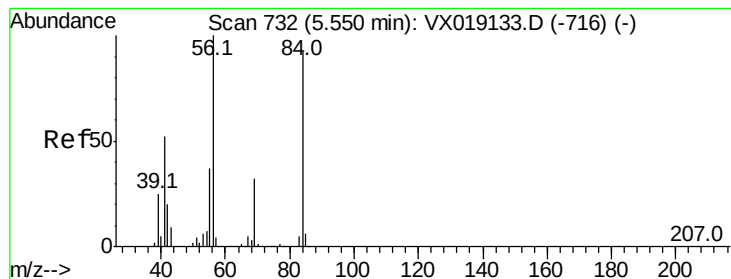
#30
Chloroform
Concen: 52.188 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion: 83 Resp: 296394
Ion Ratio Lower Upper
83 100
85 63.7 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 51.845 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVX102720

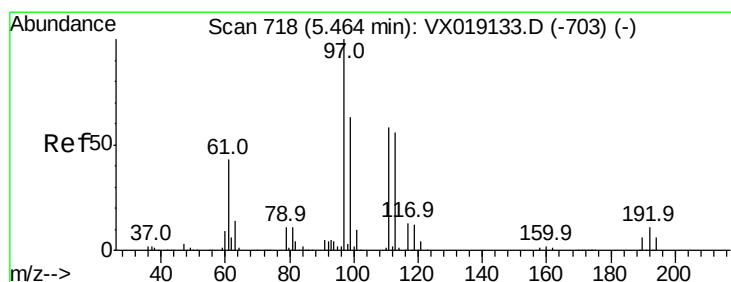
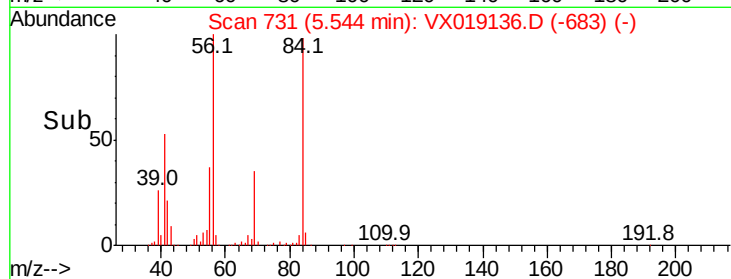
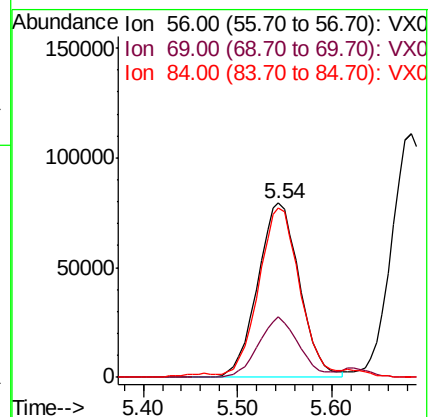
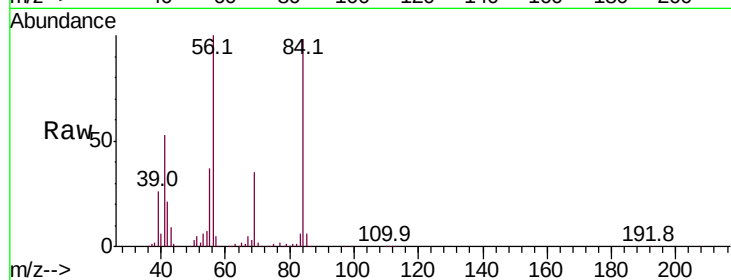
Tot Ion: 56 Resp: 246785

Ion Ratio Lower Upper

56 100

69 34.6 25.9 38.9

84 95.7 73.4 110.2



#32

1,1,1-Trichloroethane

Concen: 53.034 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

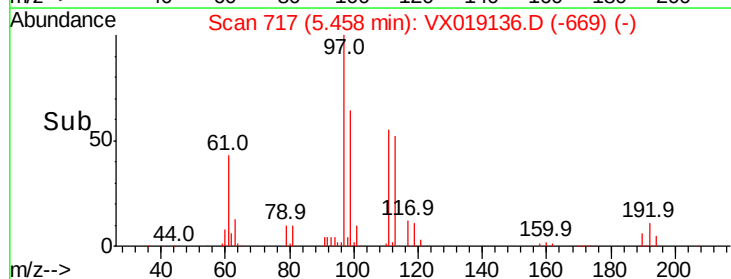
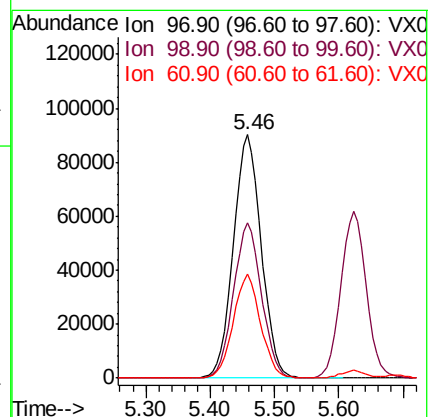
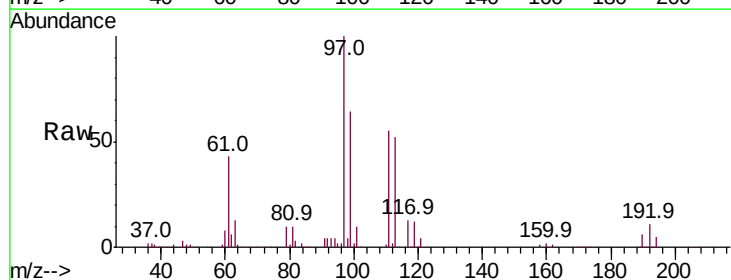
Tgt Ion: 97 Resp: 273074

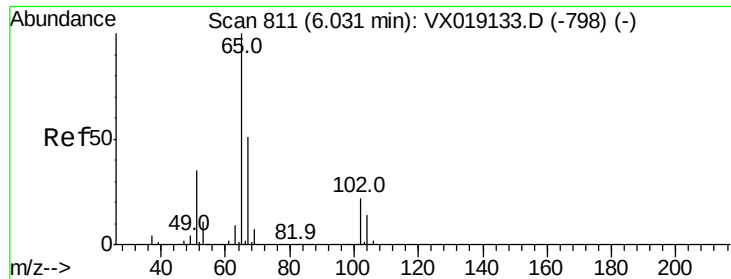
Ion Ratio Lower Upper

97 100

99 63.8 51.7 77.5

61 41.9 34.2 51.2

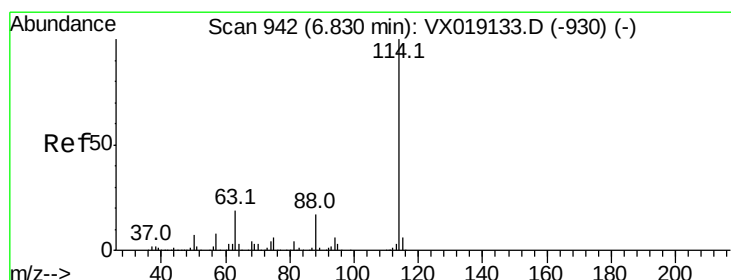
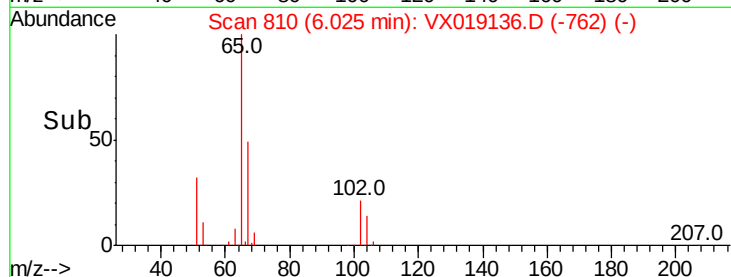
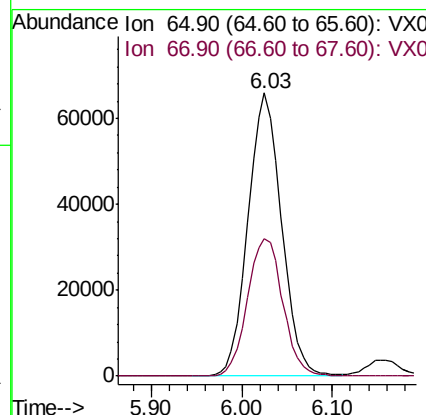
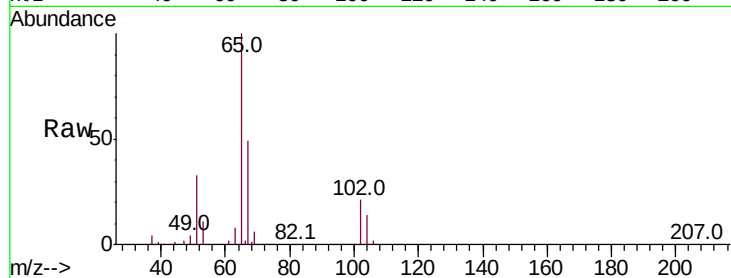




#33
 1,2-Dichloroethane-d4
 Concen: 44.765 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

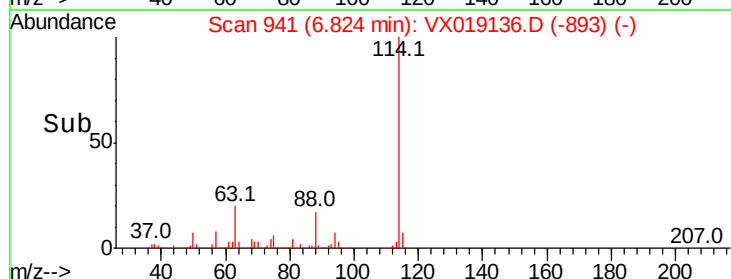
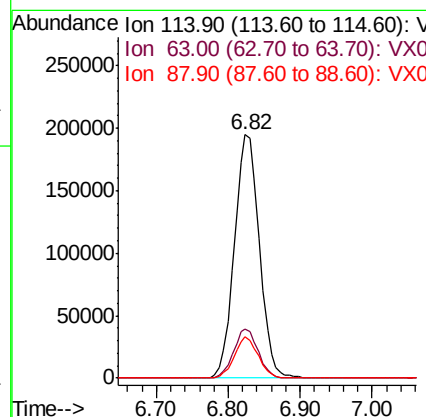
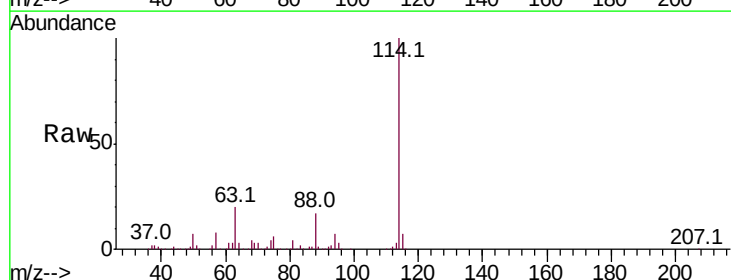
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

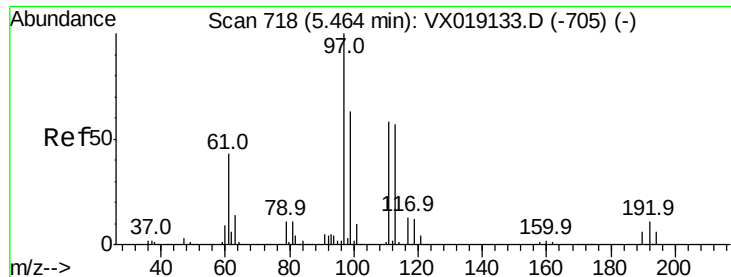
Tot Ion: 65 Resp: 168568
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion: 114 Resp: 469253
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.8
 88 17.2 0.0 34.2





#35

Dibromofluoromethane

Concen: 46.378 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

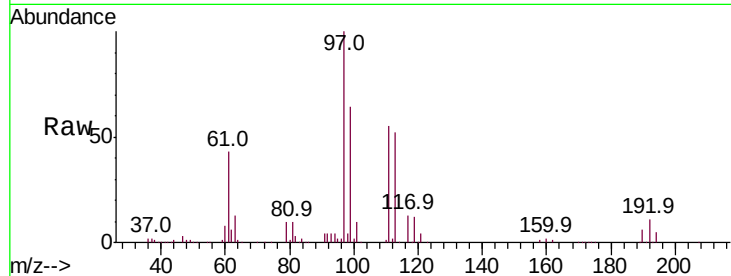
Tot Ion:113 Resp: 136701

Ion Ratio Lower Upper

113 100

111 102.1 82.3 123.5

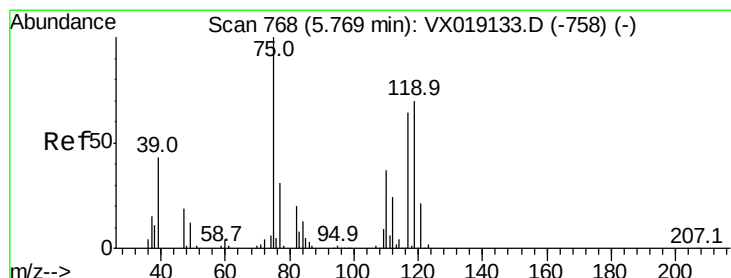
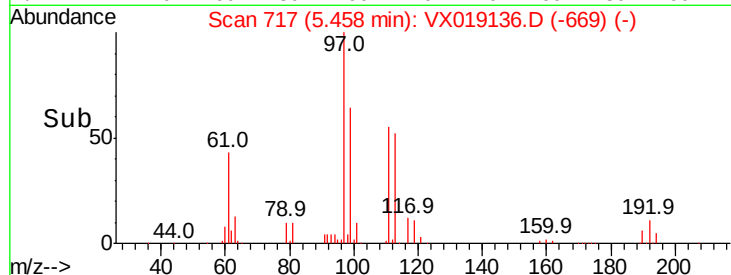
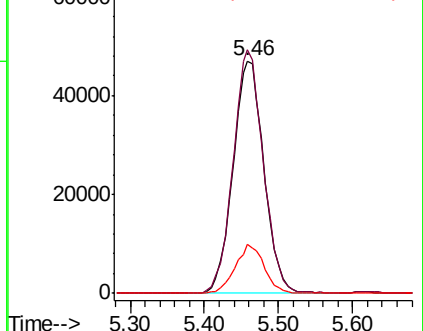
192 19.7 16.2 24.2



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: 53.100 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

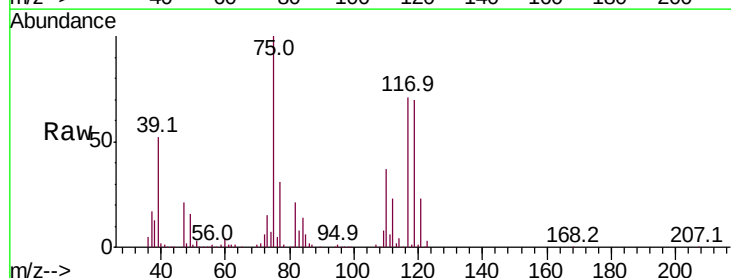
Tgt Ion: 75 Resp: 230095

Ion Ratio Lower Upper

75 100

110 36.3 18.3 54.9

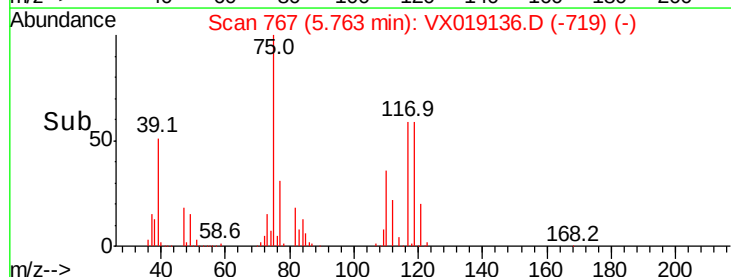
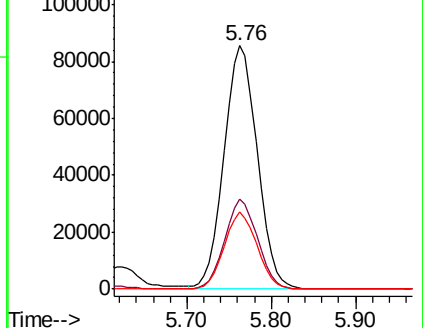
77 31.4 24.9 37.3

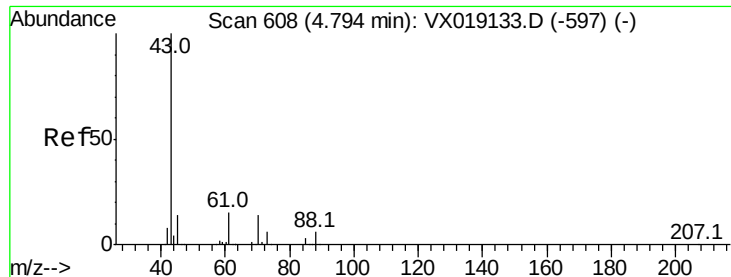


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

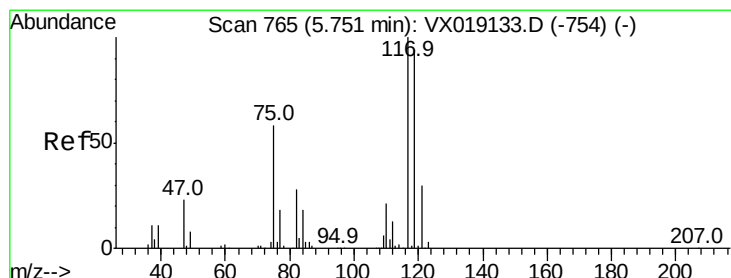
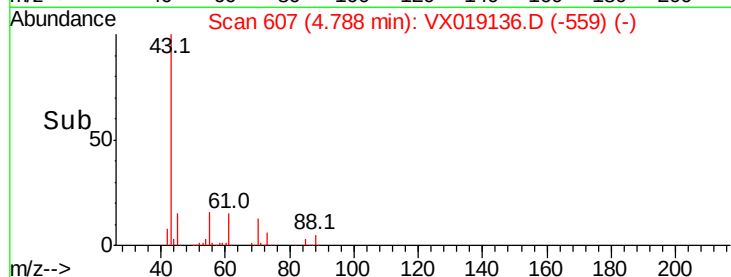
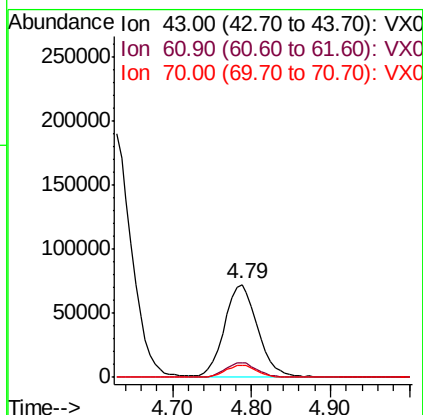
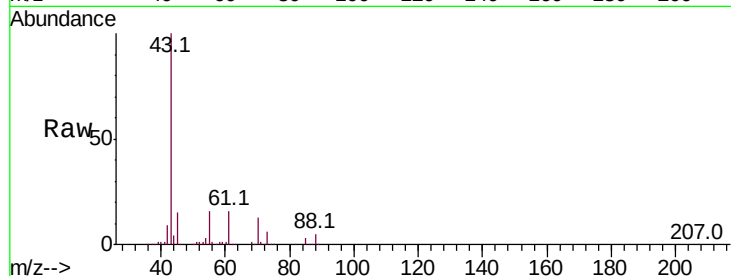




#37
Ethyl Acetate
Concen: 52.701 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

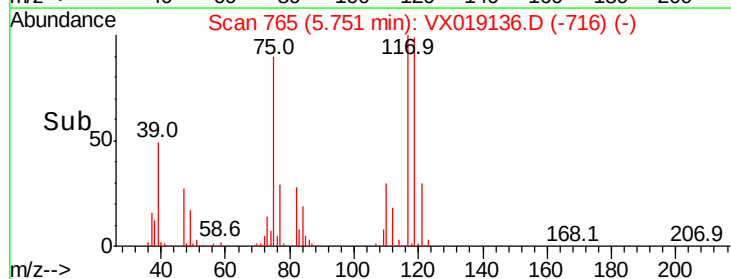
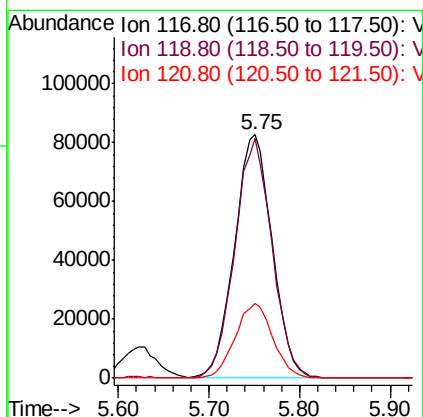
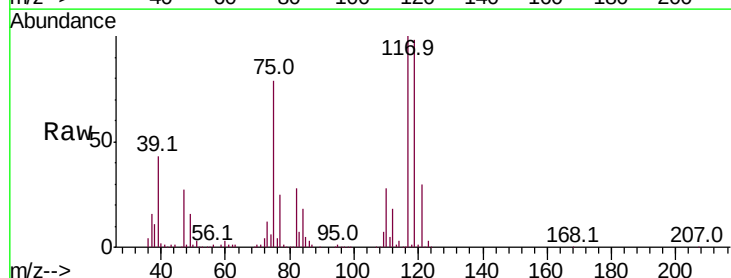
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

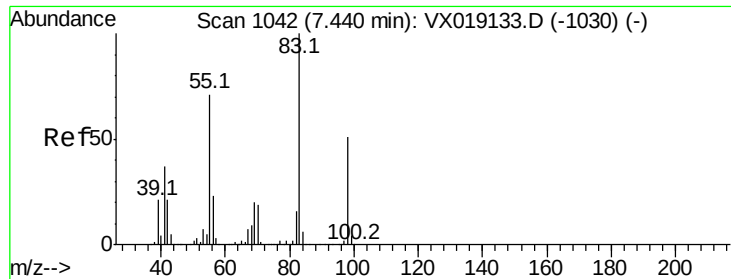
Tot Ion: 43 Resp: 212028
Ion Ratio Lower Upper
43 100
61 15.6 12.5 18.7
70 12.9 10.5 15.7



#38
Carbon Tetrachloride
Concen: 53.792 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion: 117 Resp: 237592
Ion Ratio Lower Upper
117 100
119 98.4 75.0 112.6
121 30.5 23.9 35.9

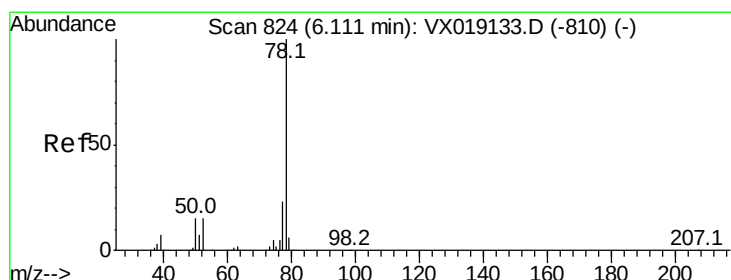
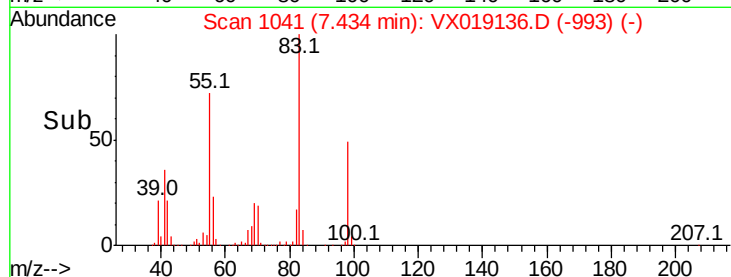
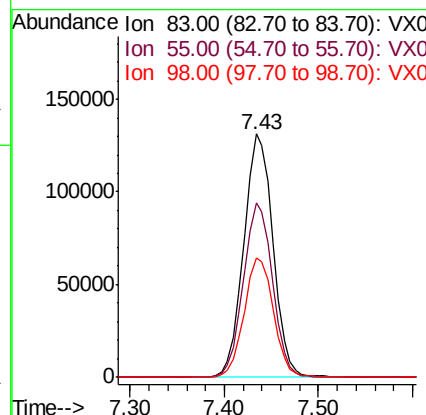
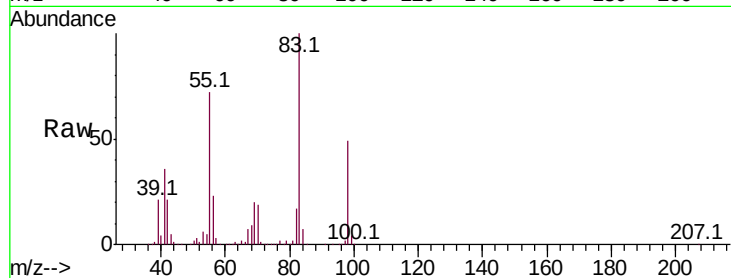




#39
Methylvlcyclohexane
Concen: 55.048 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

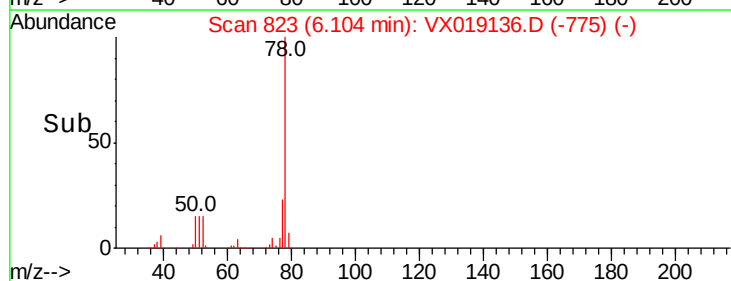
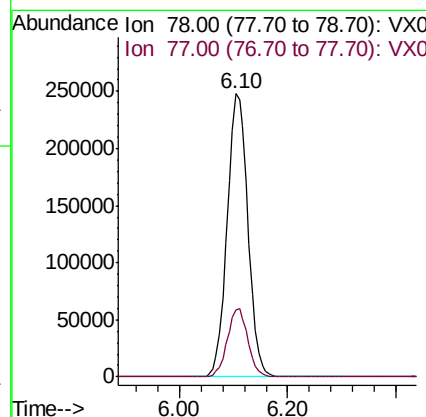
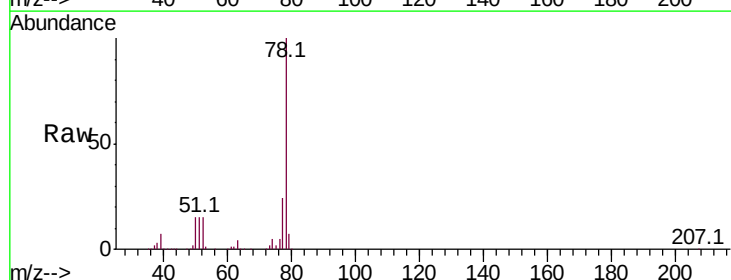
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

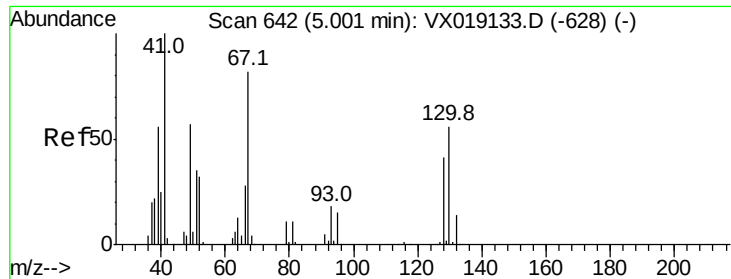
Tot Ion: 83 Resp: 285217
Ion Ratio Lower Upper
83 100
55 71.8 57.0 85.6
98 49.2 40.5 60.7



#40
Benzene
Concen: 53.380 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion: 78 Resp: 655833
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

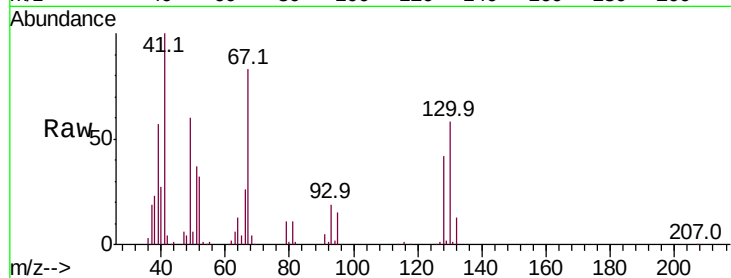




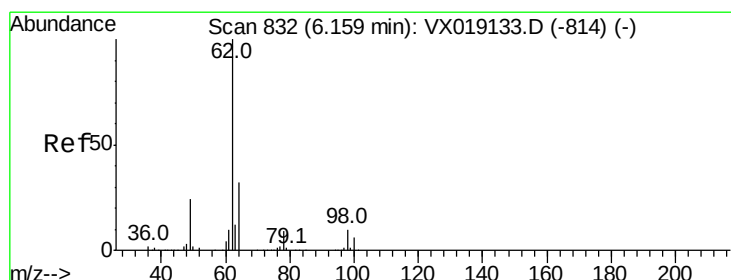
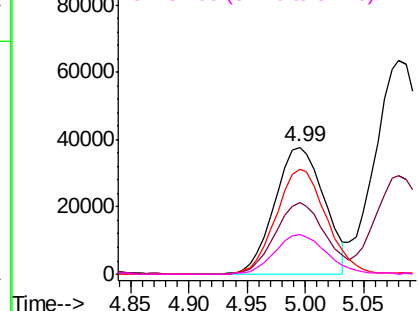
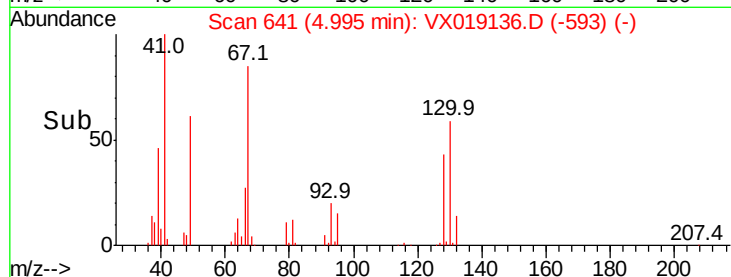
#41
Methacrylonitrile
Concen: 51.385 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

Tot Ion:	41	Resp:	111333
Ion	Ratio	Lower	Upper
41	100		
39	57.1	44.4	66.6
67	84.7	66.4	99.6
52	32.7	26.2	39.4

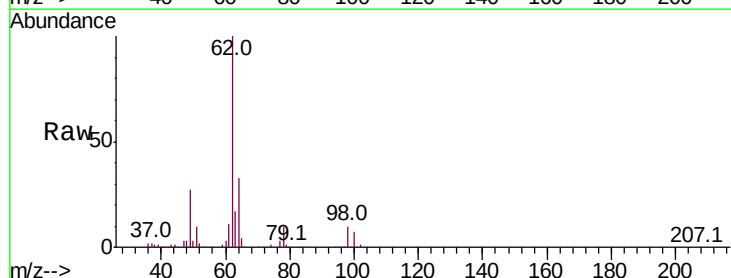


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

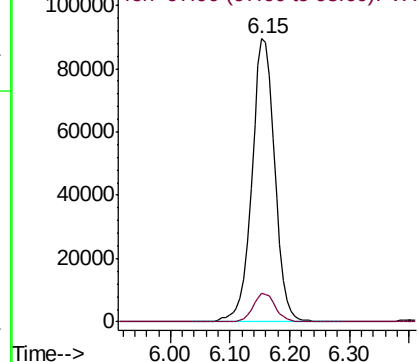
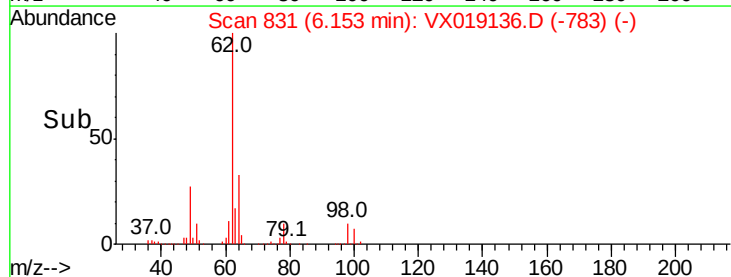


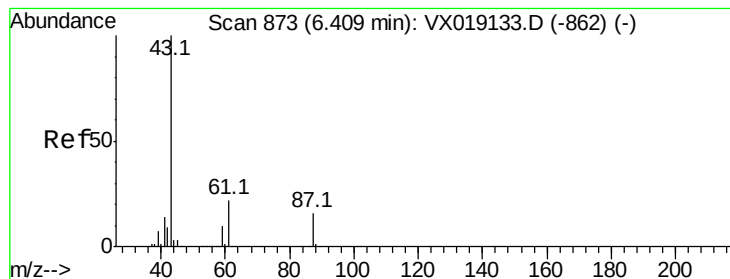
#42
1,2-Dichloroethane
Concen: 52.597 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion:	62	Resp:	238156
Ion	Ratio	Lower	Upper
62	100		
98	9.7	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: 52.806 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

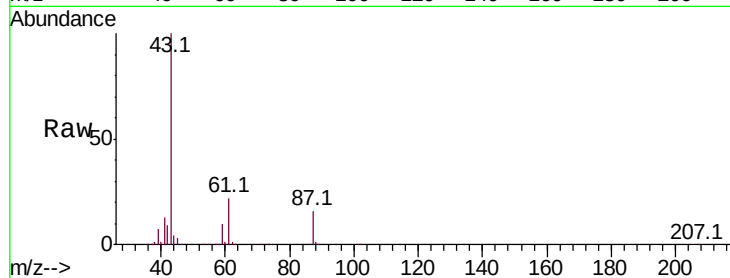
Tot Ion: 43 Resp: 355733

Ion Ratio Lower Upper

43 100

61 22.4 17.8 26.6

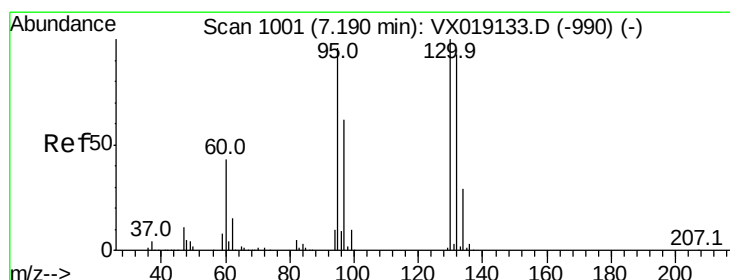
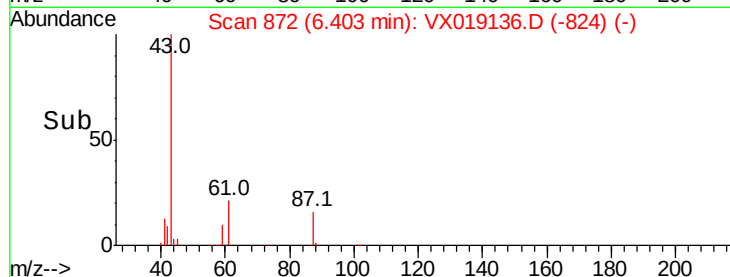
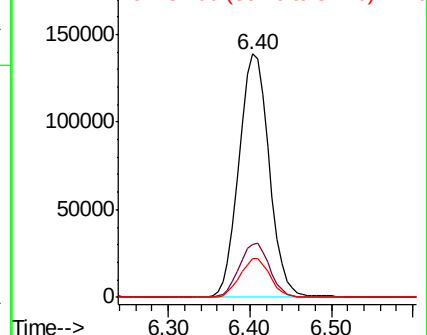
87 15.9 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 53.063 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX019136.D

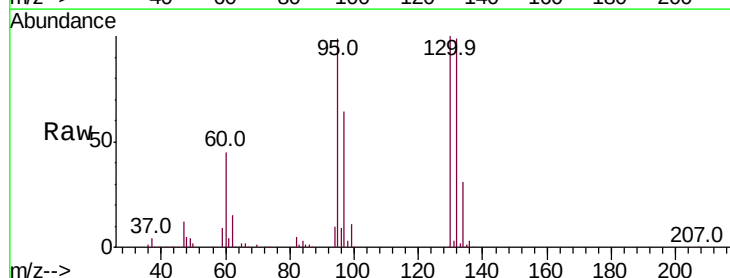
Acq: 27 Oct 2020 14:53

Tgt Ion:130 Resp: 186708

Ion Ratio Lower Upper

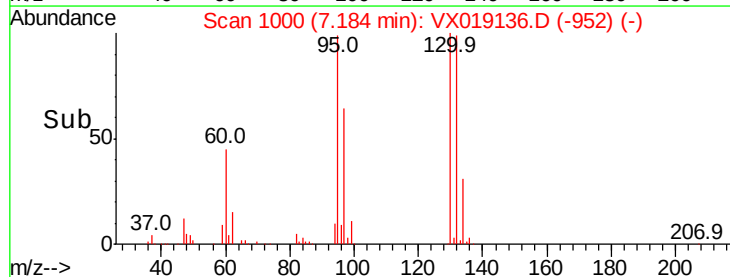
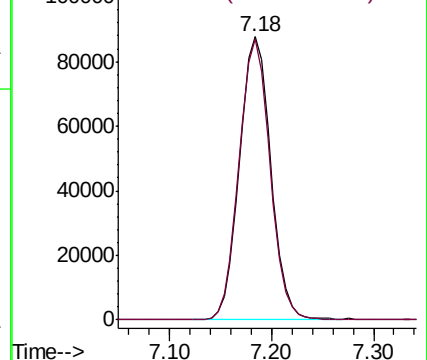
130 100

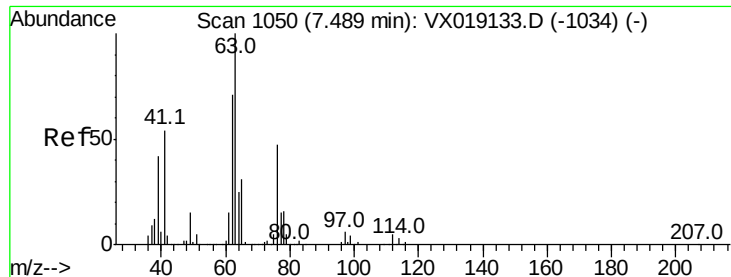
95 99.0 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 54.210 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

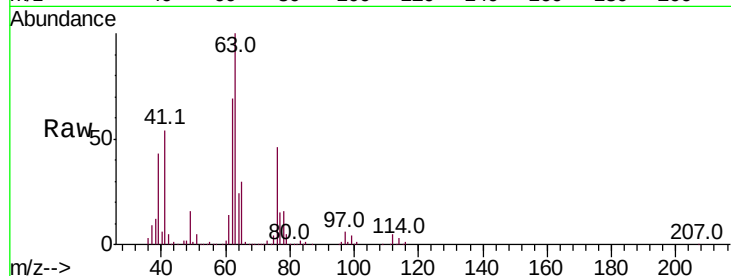
ICVVX102720

Tot Ion: 63 Resp: 163133

Ion Ratio Lower Upper

63 100

65 30.1 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.48

80000

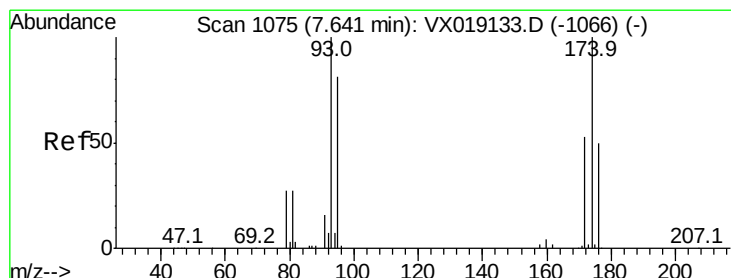
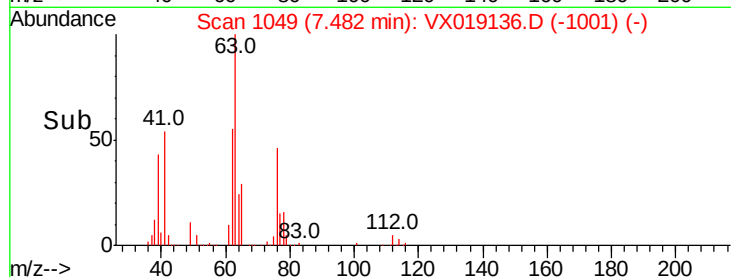
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 52.280 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

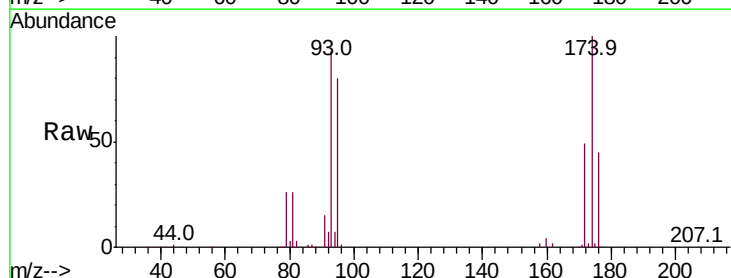
Tgt Ion: 93 Resp: 116337

Ion Ratio Lower Upper

93 100

95 84.1 67.0 100.6

174 103.0 81.7 122.5



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

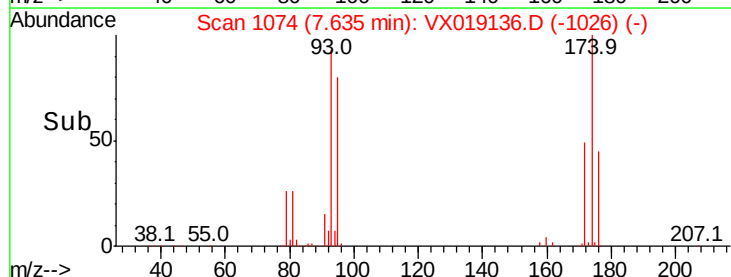
60000

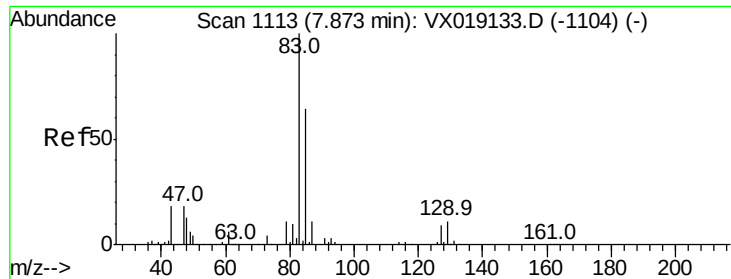
40000

20000

0

Time--> 7.60 7.70





#47

Bromodichloromethane

Concen: 54.340 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

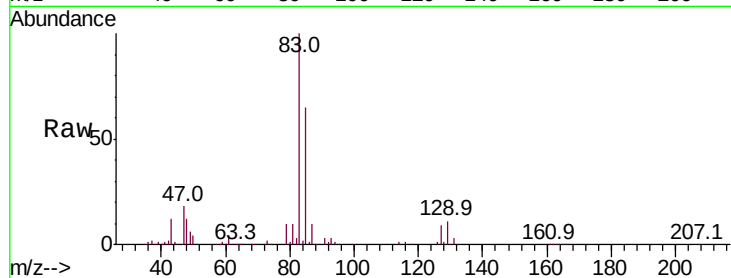
Tot Ion: 83 Resp: 238340

Ion Ratio Lower Upper

83 100

85 64.9 51.2 76.8

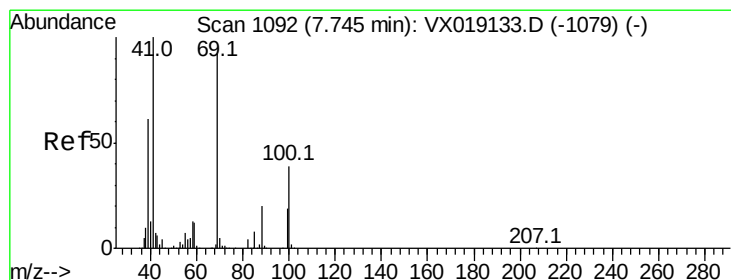
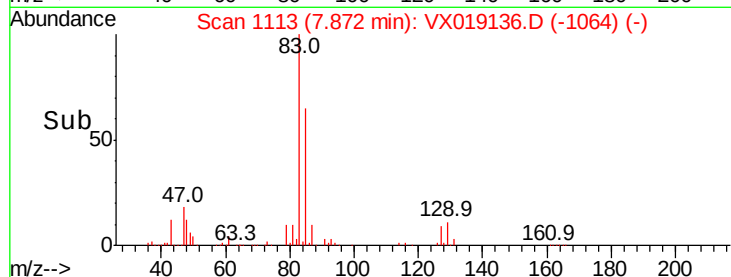
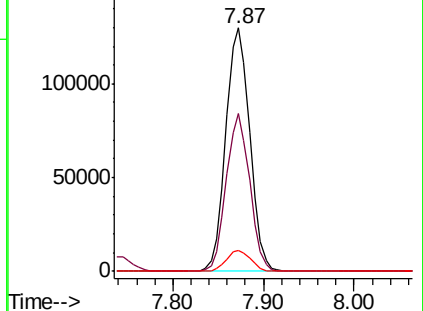
127 8.8 7.1 10.7



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: 53.640 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

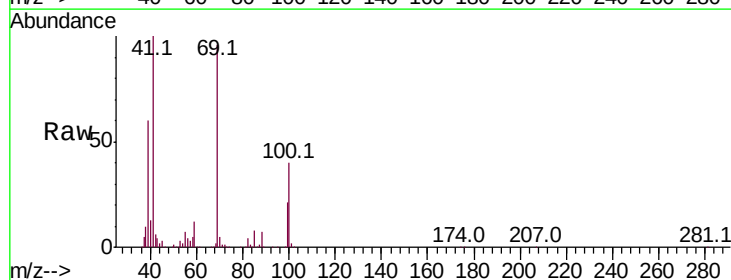
Tgt Ion: 41 Resp: 173924

Ion Ratio Lower Upper

41 100

69 94.4 75.5 113.3

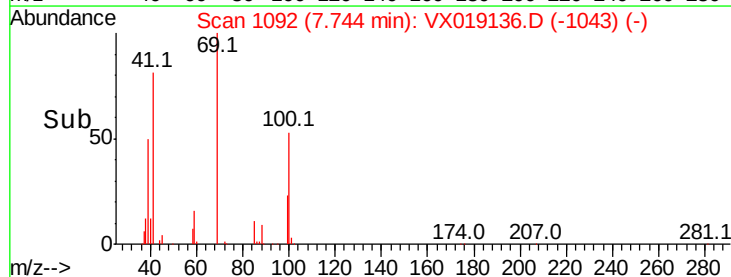
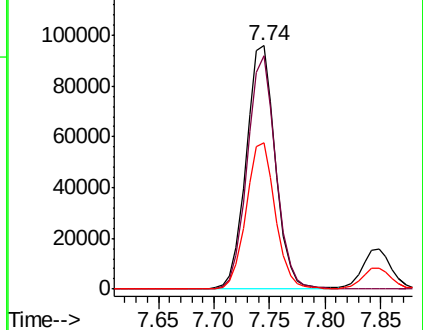
39 60.4 48.9 73.3

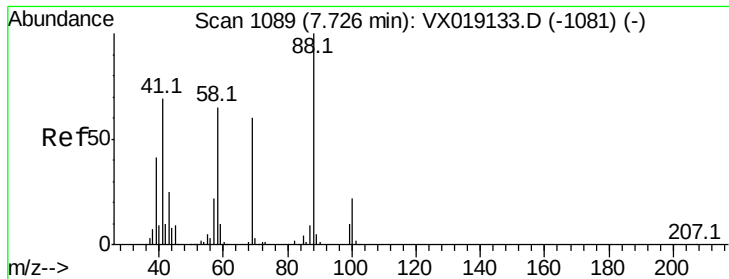


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

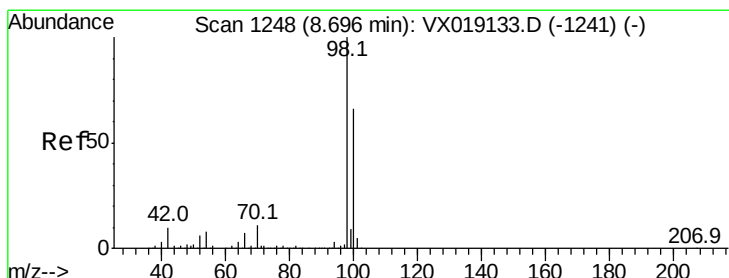
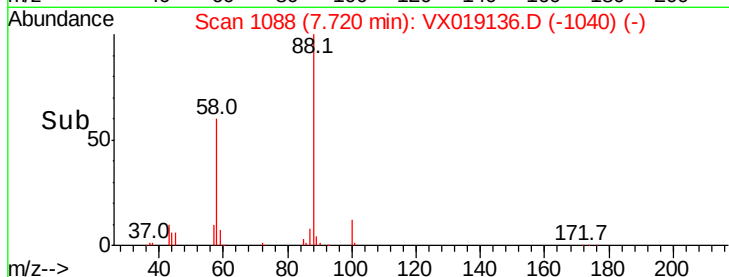
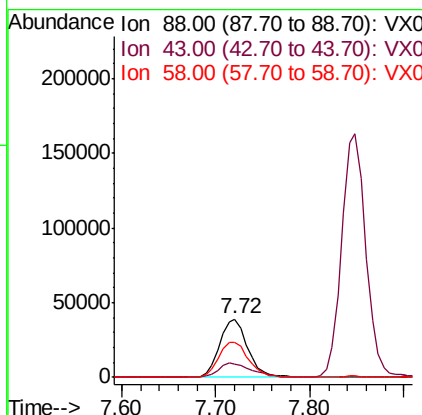
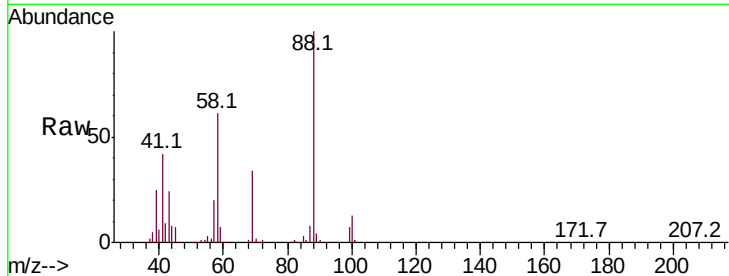




#49
 1,4-Dioxane
 Concen: 1108.271 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

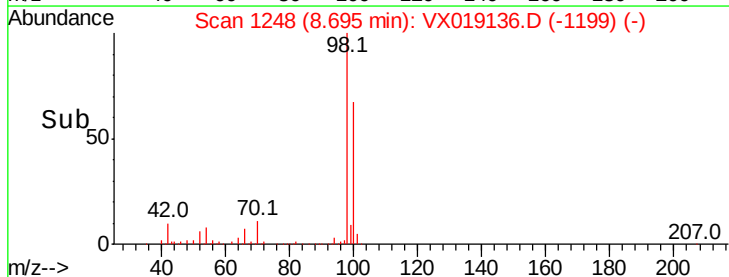
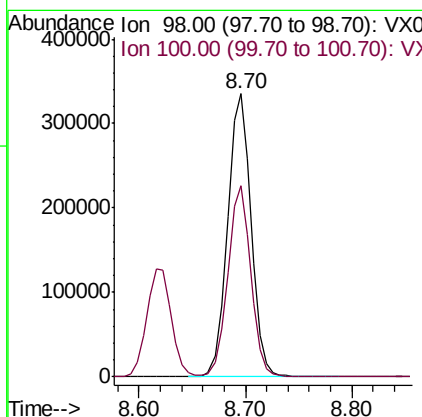
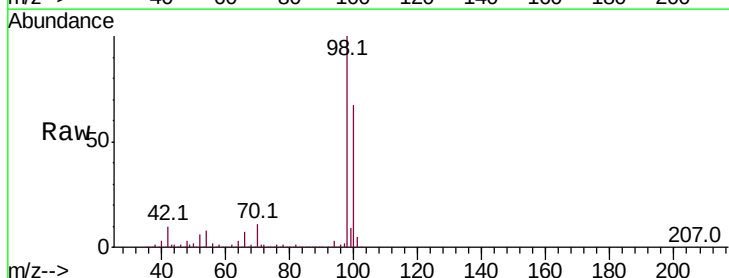
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

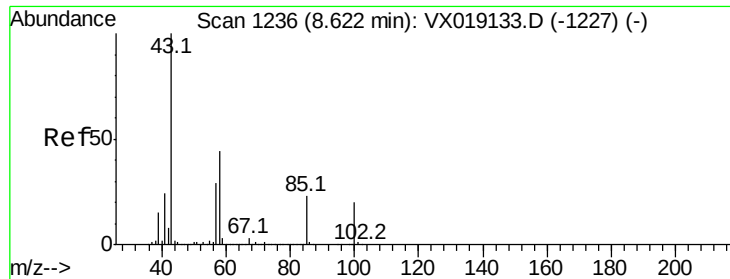
Tot Ion: 88 Resp: 79915
 Ion Ratio Lower Upper
 88 100
 43 28.7 23.0 34.6
 58 65.1 52.2 78.2



#50
 Toluene-d8
 Concen: 46.612 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion: 98 Resp: 517912
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 270.159 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

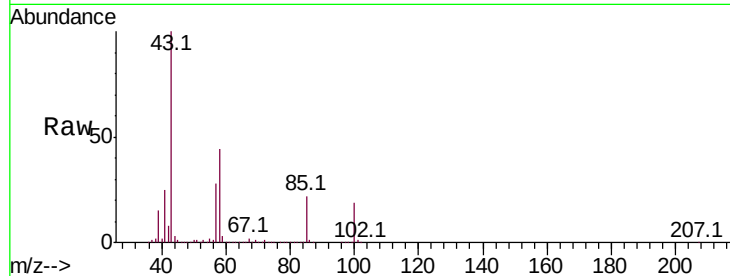
ICVVX102720

Tot Ion: 43 Resp: 1046028

Ion Ratio Lower Upper

43 100

58 43.9 35.0 52.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

600000

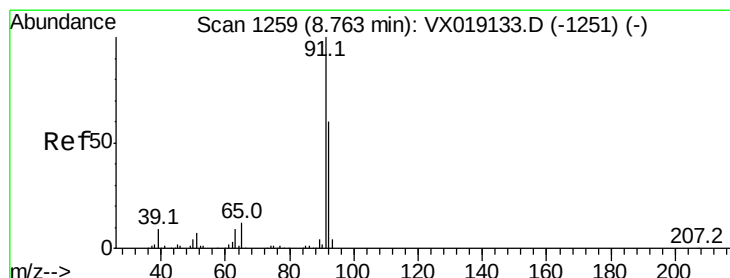
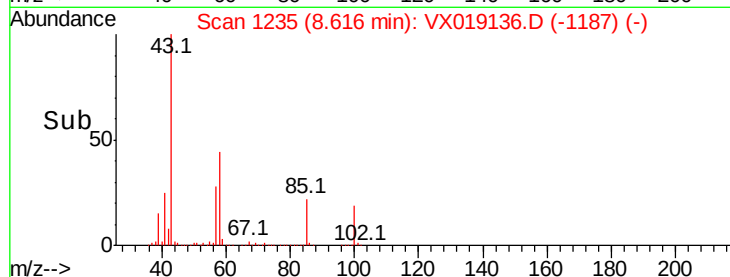
400000

200000

0

8.50 8.60 8.70

Time-->



#52

Toluene

Concen: 54.062 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019136.D

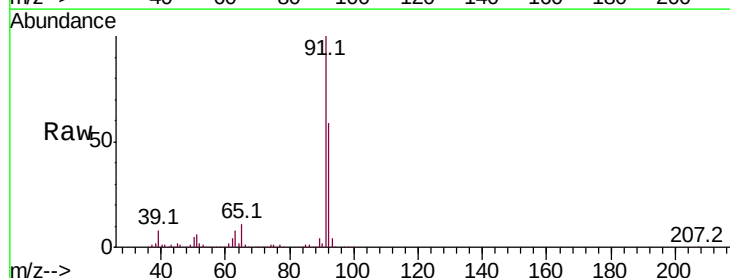
Acq: 27 Oct 2020 14:53

Tgt Ion: 92 Resp: 427790

Ion Ratio Lower Upper

92 100

91 169.5 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

500000

400000

300000

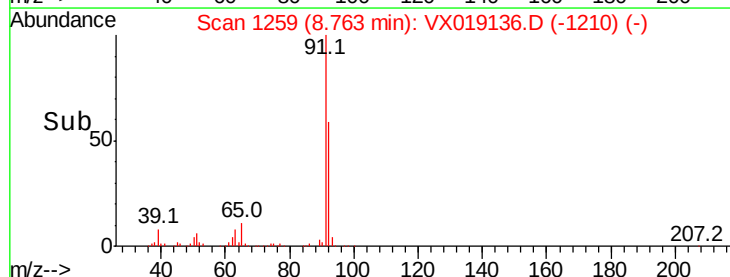
200000

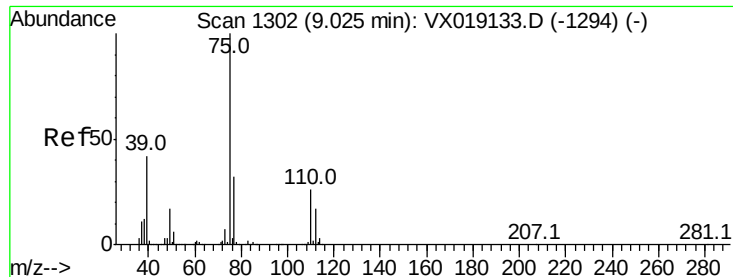
100000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.199 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

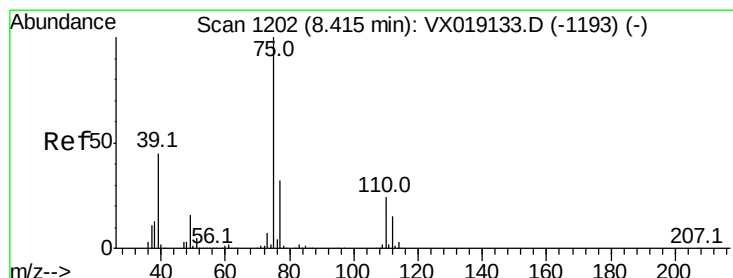
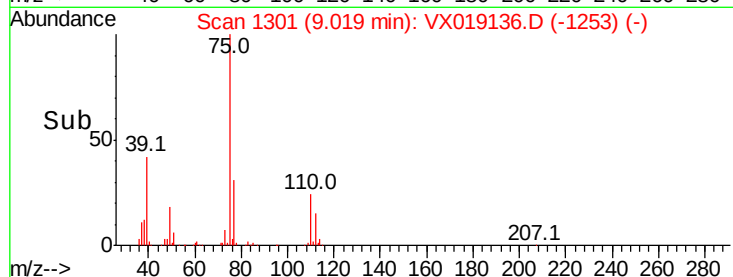
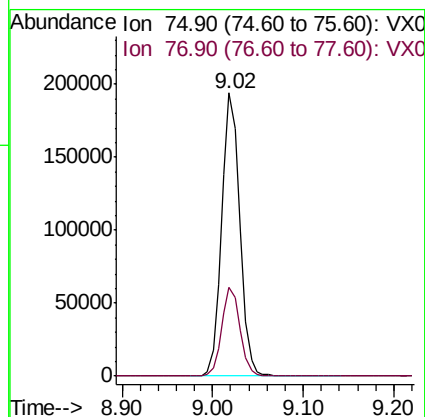
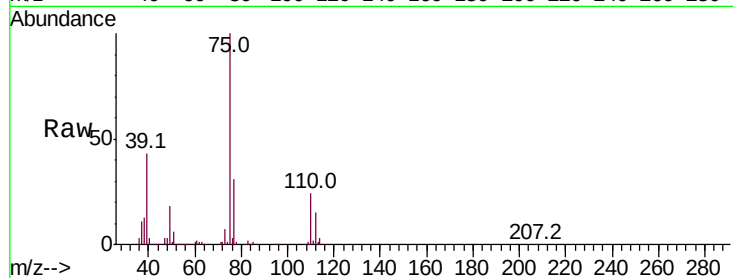
ICVVX102720

Tot Ion: 75 Resp: 271521

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 54.730 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

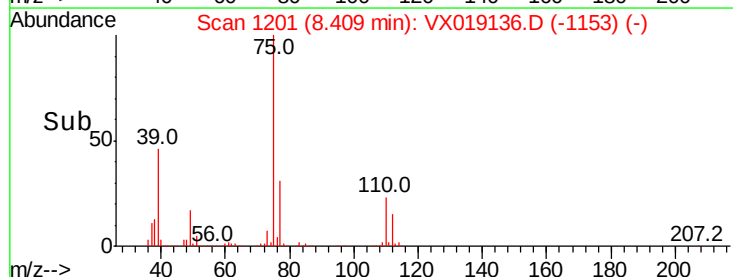
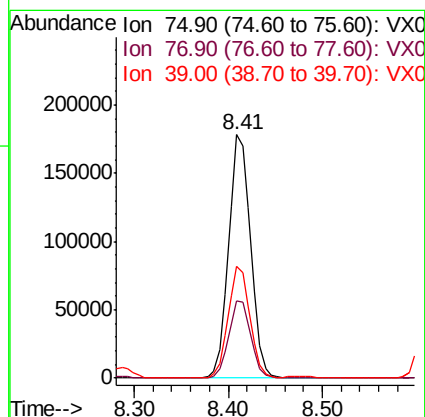
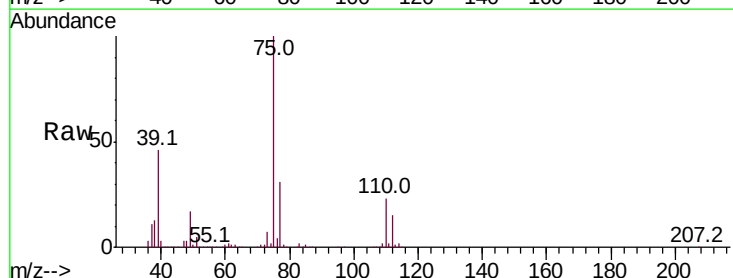
Tgt Ion: 75 Resp: 288320

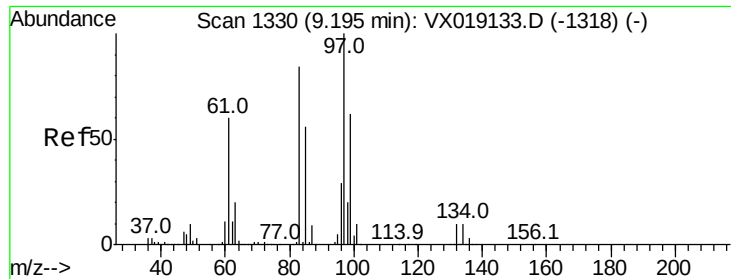
Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

39 45.9 36.2 54.2

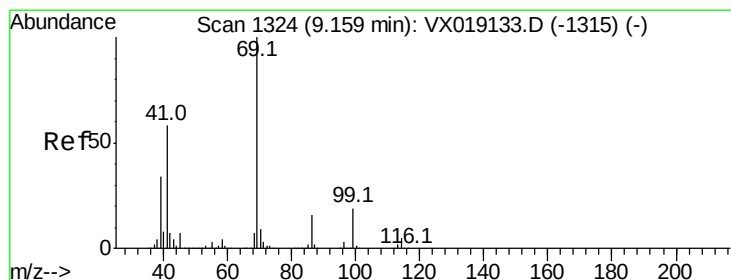
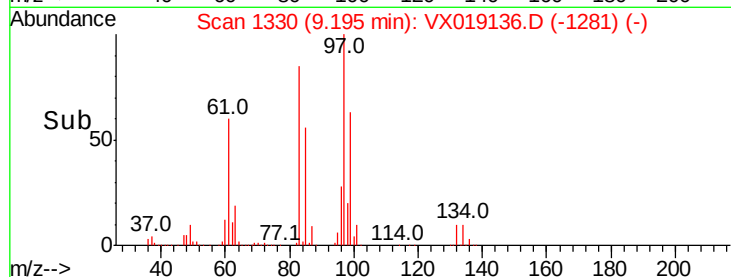
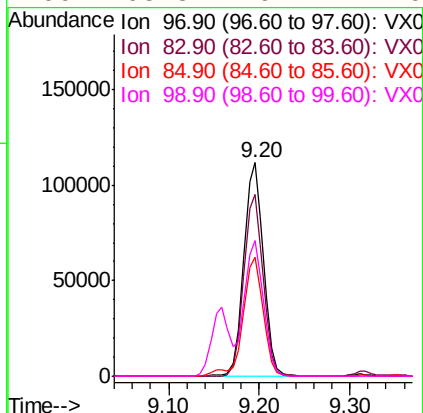
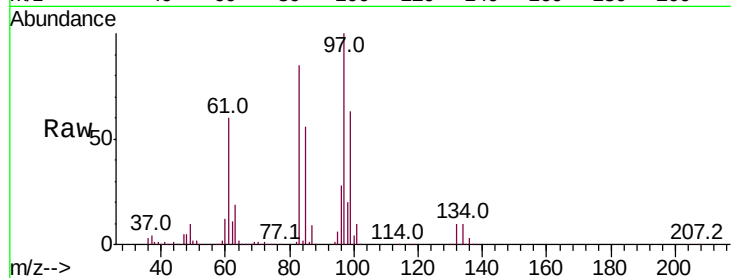




#55
 1,1,2-Trichloroethane
 Concen: 53.360 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

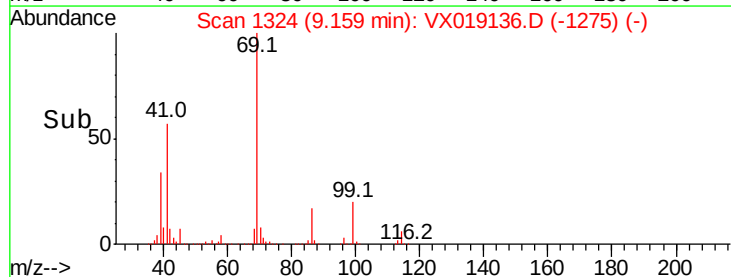
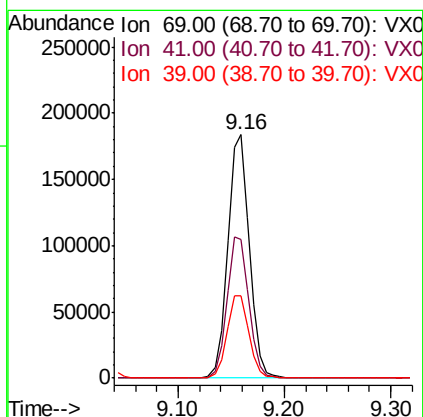
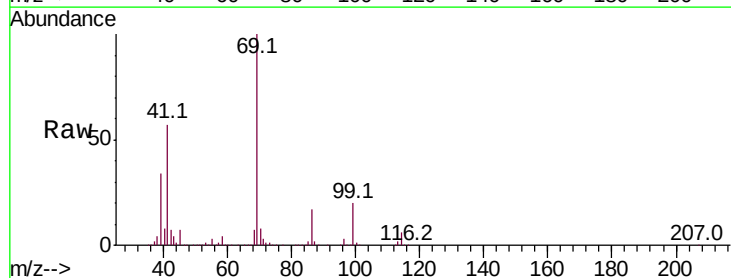
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

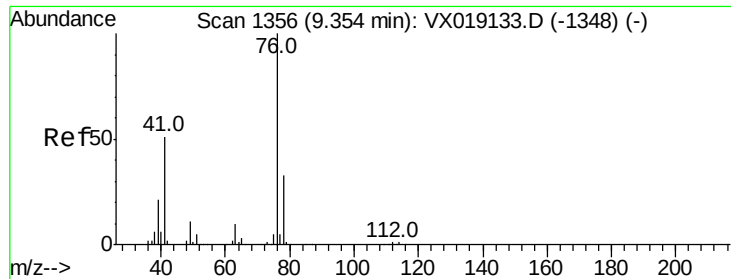
Tot Ion: 97 Resp: 166830
 Ion Ratio Lower Upper
 97 100
 83 85.2 67.2 100.8
 85 55.9 44.6 67.0
 99 63.3 49.4 74.0



#56
 Ethyl methacrylate
 Concen: 55.111 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion: 69 Resp: 260259
 Ion Ratio Lower Upper
 69 100
 41 58.8 46.5 69.7
 39 34.5 27.6 41.4





#57

1,3-Dichloropropane

Concen: 53.566 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

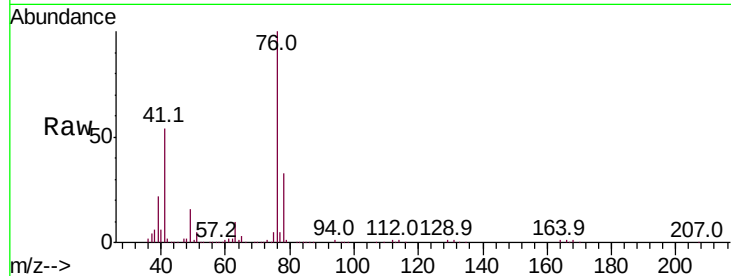
ICVVX102720

Tot Ion: 76 Resp: 282362

Ion Ratio Lower Upper

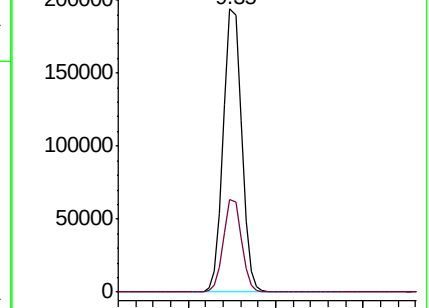
76 100

78 32.3 25.9 38.9

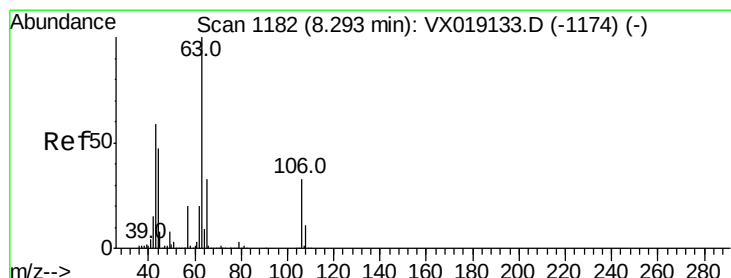
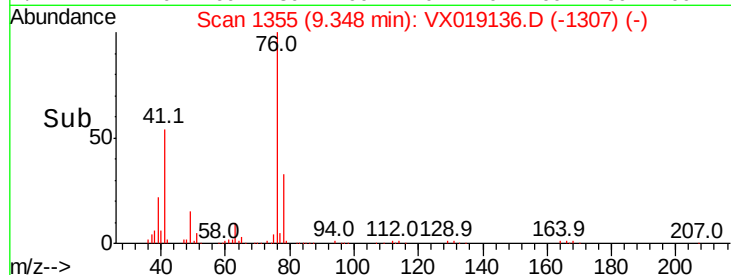


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 237.290 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019136.D

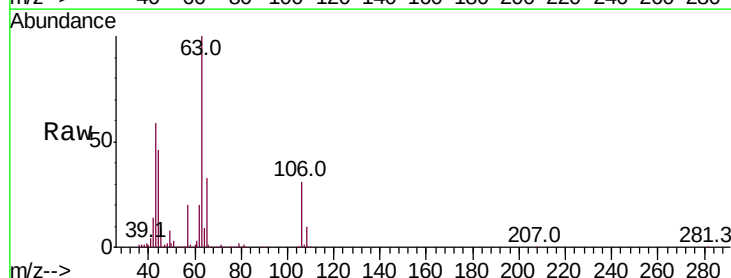
Acq: 27 Oct 2020 14:53

Tgt Ion: 63 Resp: 626701

Ion Ratio Lower Upper

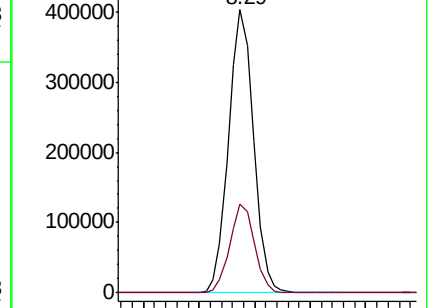
63 100

106 31.1 25.1 37.7

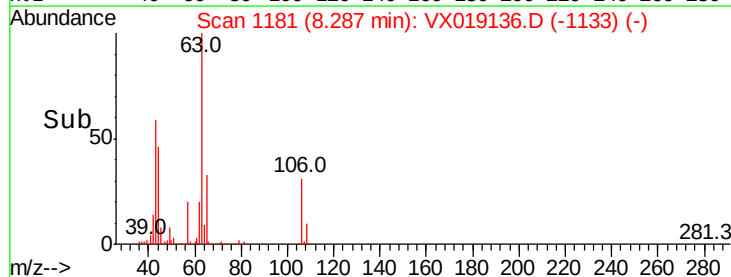


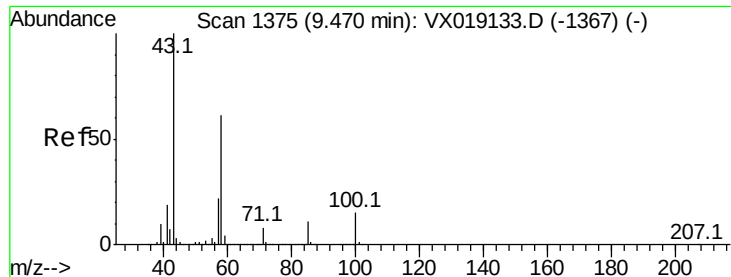
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

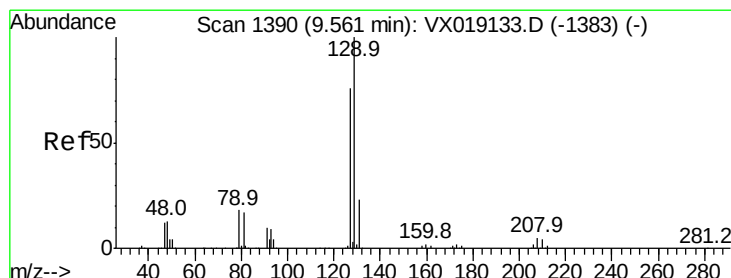
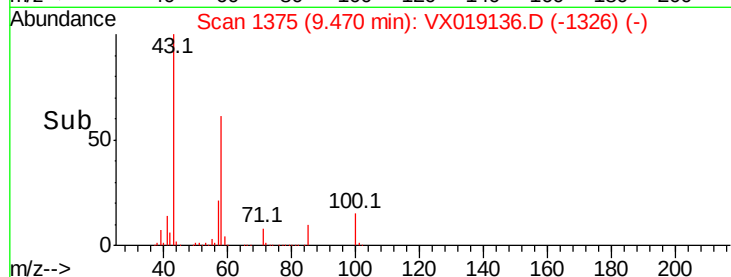
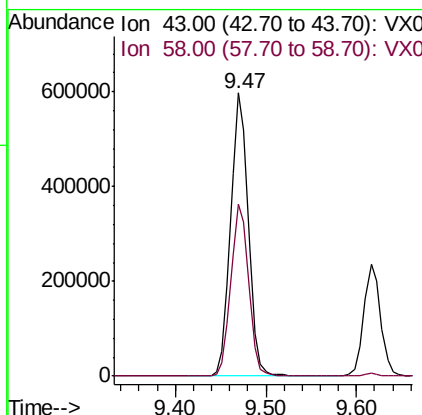
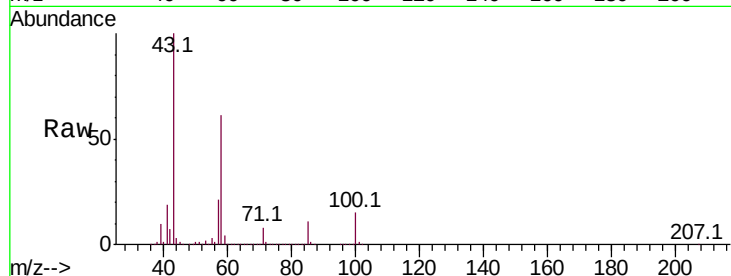




#59
2-Hexanone
Concen: 273.673 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

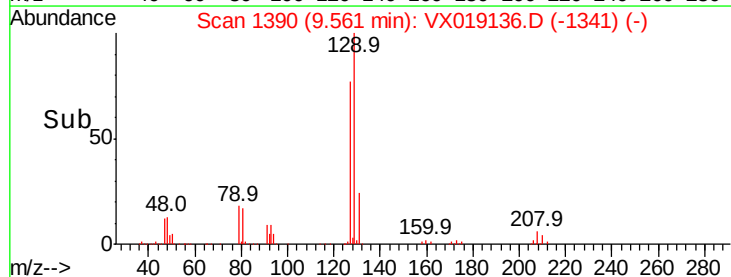
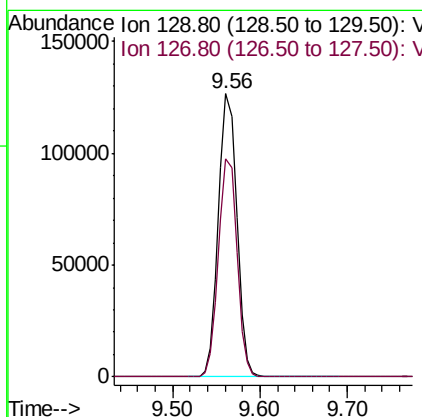
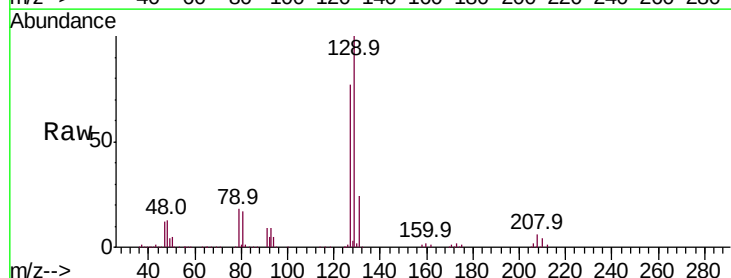
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

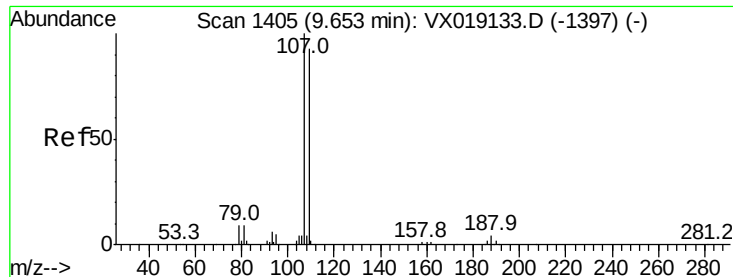
Tot Ion: 43 Resp: 806603
Ion Ratio Lower Upper
43 100
58 61.3 30.5 91.5



#60
Dibromochloromethane
Concen: 54.754 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion: 129 Resp: 185783
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.343 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

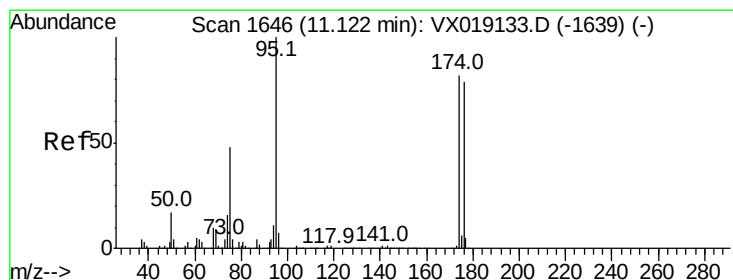
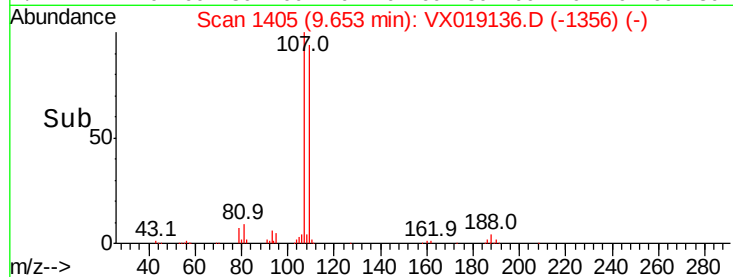
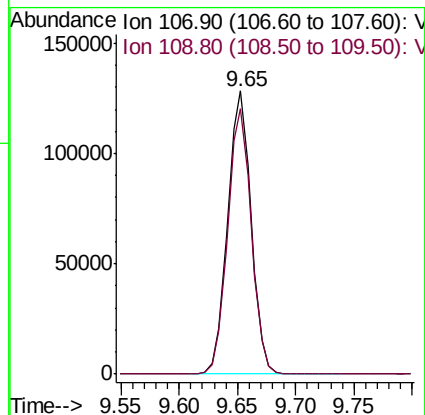
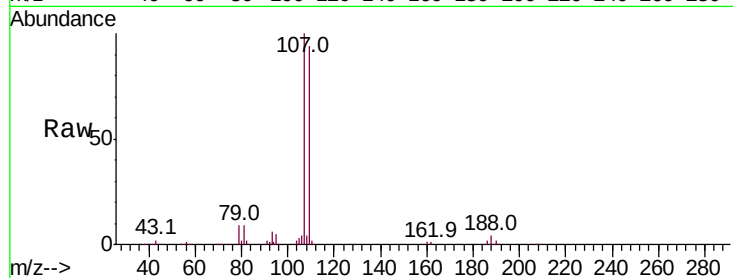
ICVVX102720

Tot Ion:107 Resp: 178343

Ion Ratio Lower Upper

107 100

109 94.8 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 46.413 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

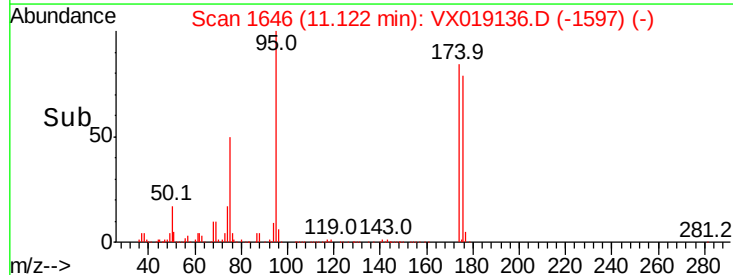
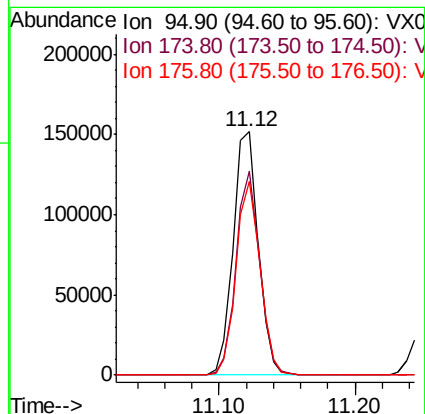
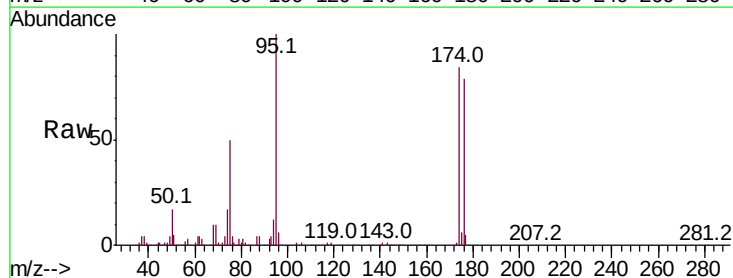
Tgt Ion: 95 Resp: 195301

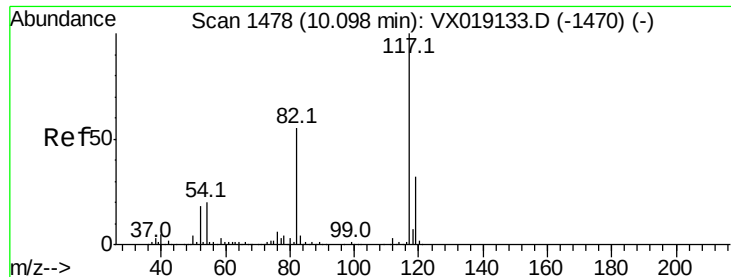
Ion Ratio Lower Upper

95 100

174 79.0 0.0 156.0

176 76.3 0.0 149.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

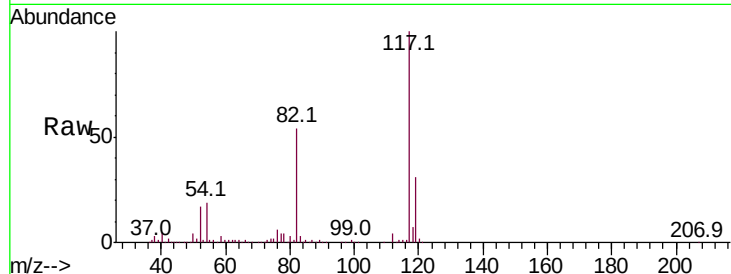
Tot Ion:117 Resp: 424194

Ion Ratio Lower Upper

117 100

82 54.1 43.6 65.4

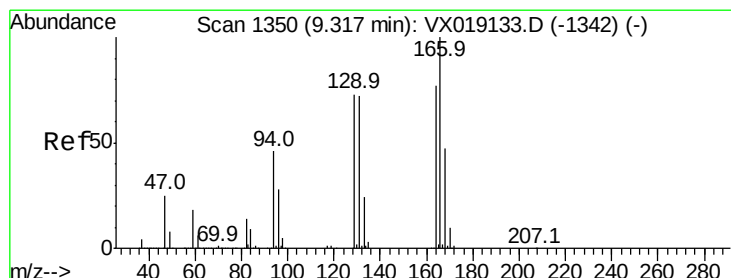
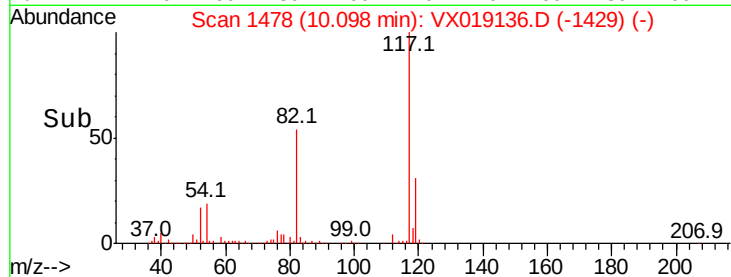
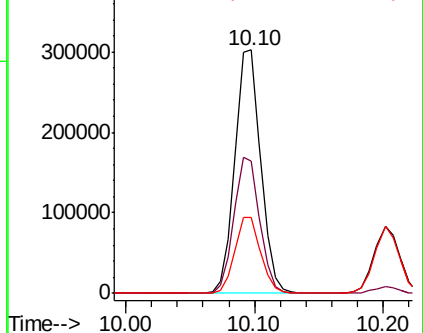
119 31.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 51.453 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Tgt Ion:164 Resp: 166291

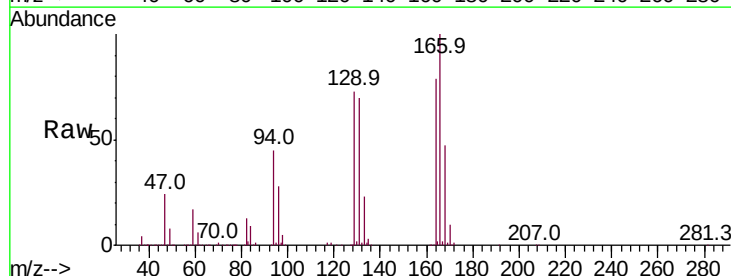
Ion Ratio Lower Upper

164 100

166 126.7 104.1 156.1

129 92.5 76.2 114.4

131 88.3 74.6 112.0

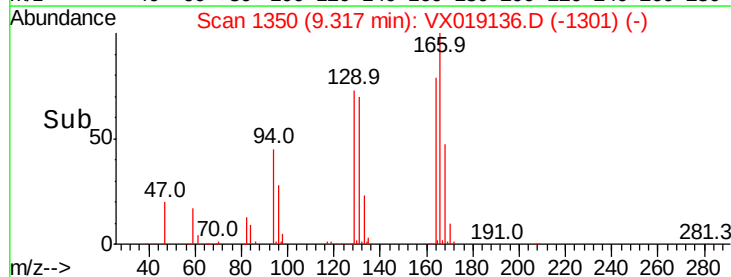
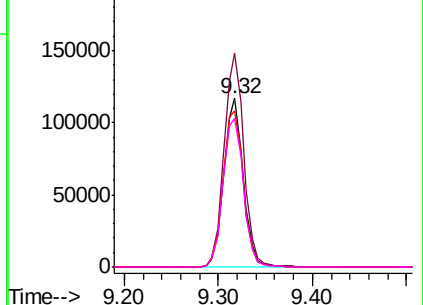


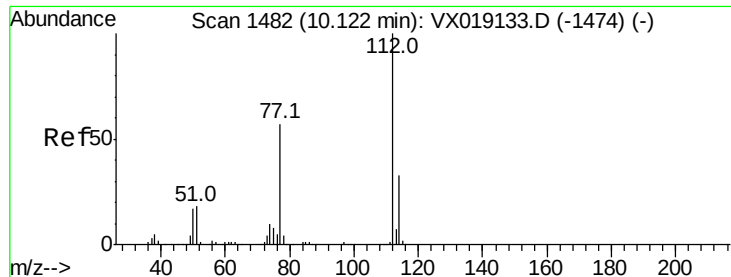
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 51.981 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

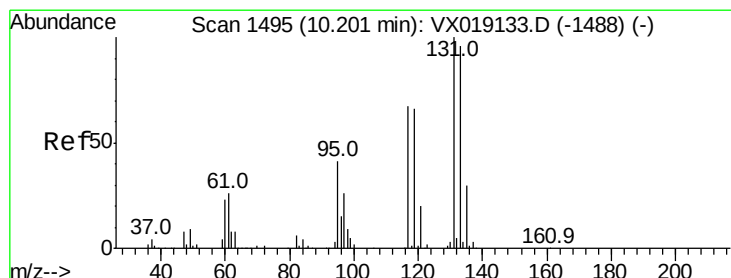
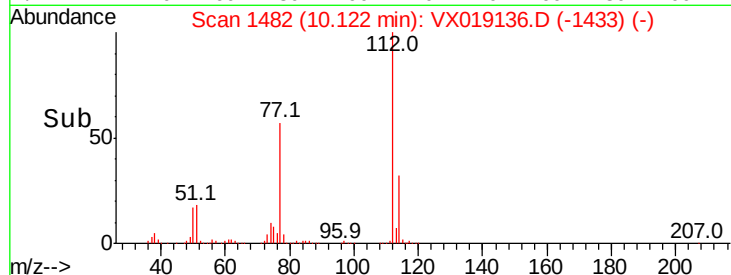
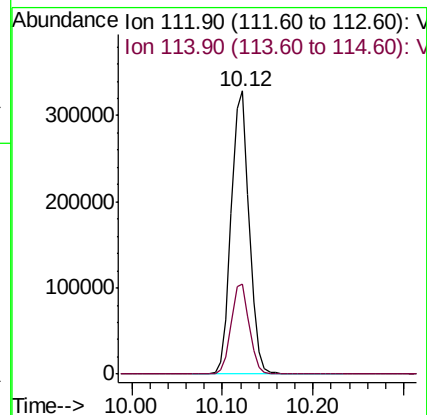
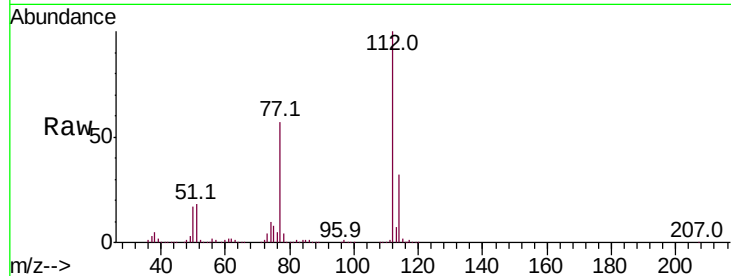
ICVVX102720

Tot Ion:112 Resp: 450682

Ion Ratio Lower Upper

112 100

114 31.8 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 53.222 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

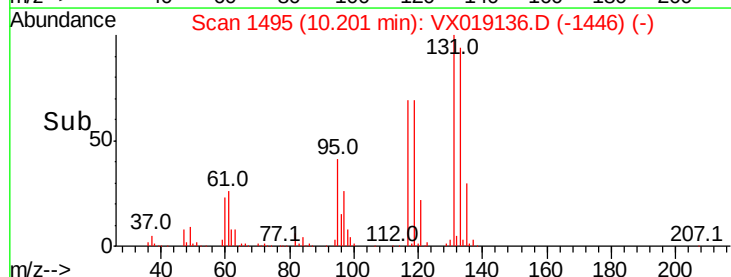
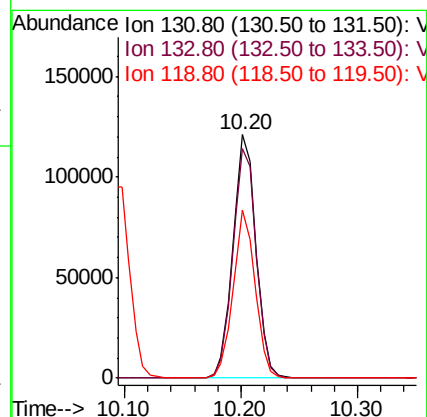
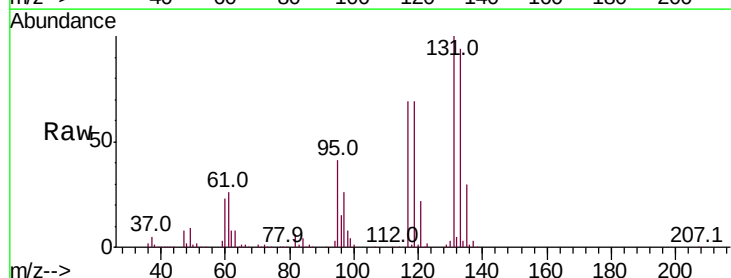
Tgt Ion:131 Resp: 166121

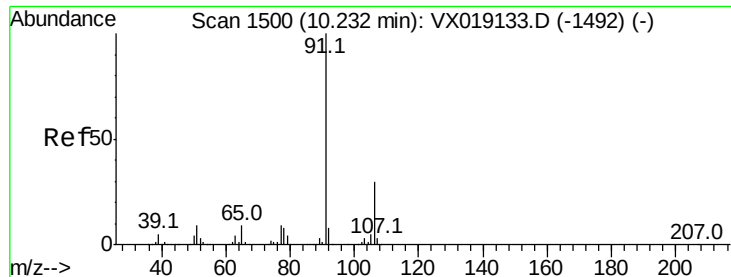
Ion Ratio Lower Upper

131 100

133 96.2 47.3 141.8

119 66.4 32.3 96.9





#67

Ethyl Benzene

Concen: 53.169 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampled :

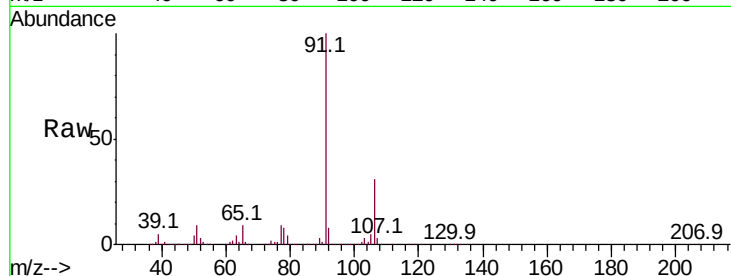
ICVVX102720

Tot Ion: 91 Resp: 821422

Ion Ratio Lower Upper

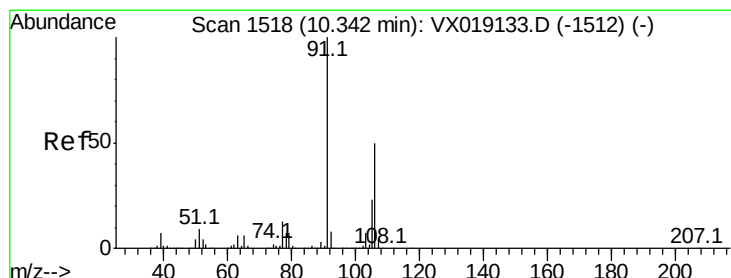
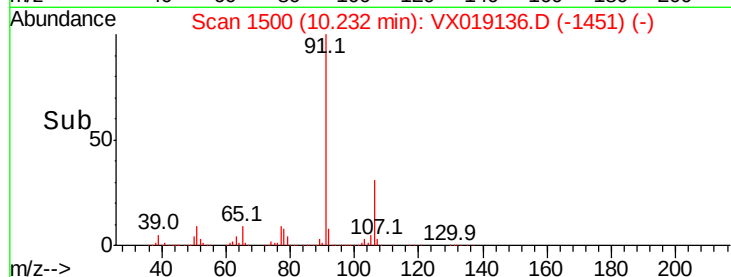
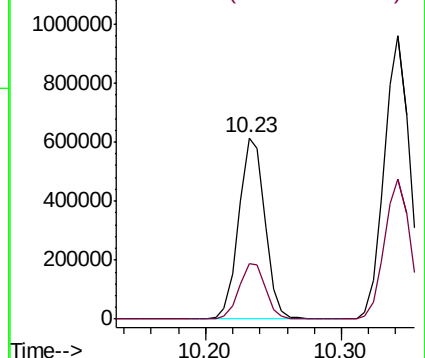
91 100

106 30.8 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 108.415 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019136.D

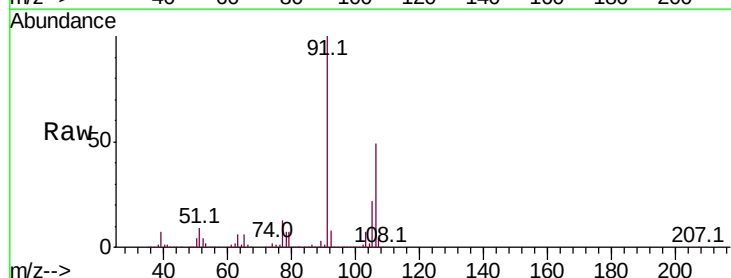
Acq: 27 Oct 2020 14:53

Tgt Ion:106 Resp: 628638

Ion Ratio Lower Upper

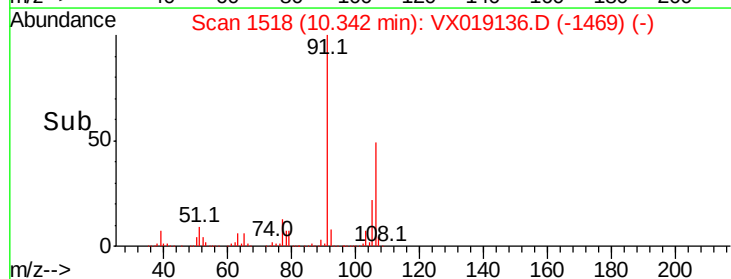
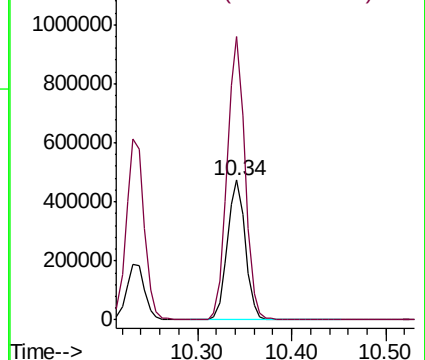
106 100

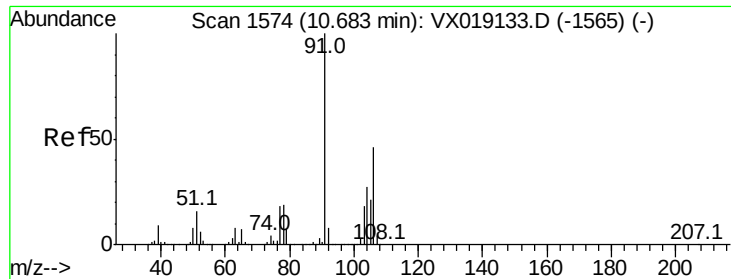
91 200.7 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

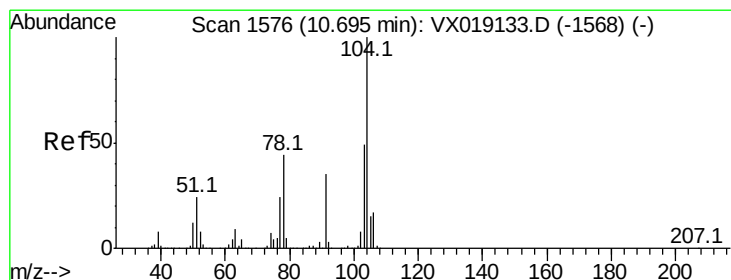
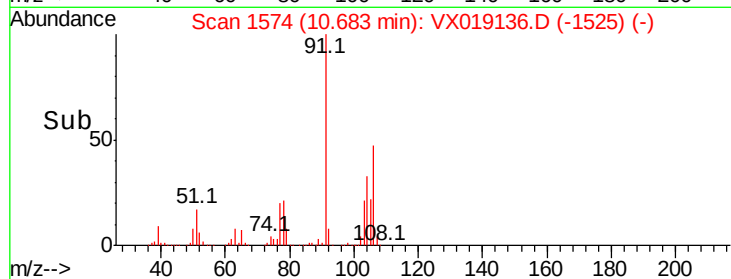
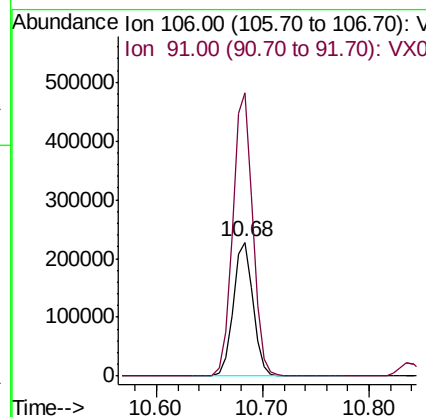
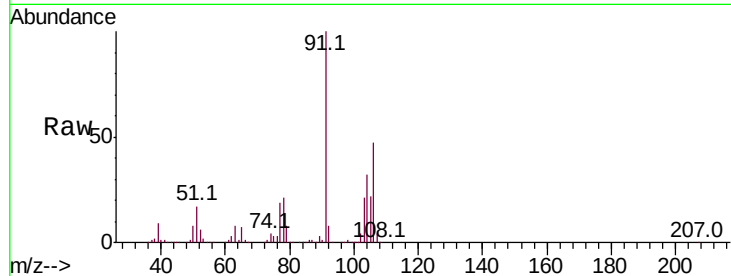




#69
o-Xylene
Concen: 53.916 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

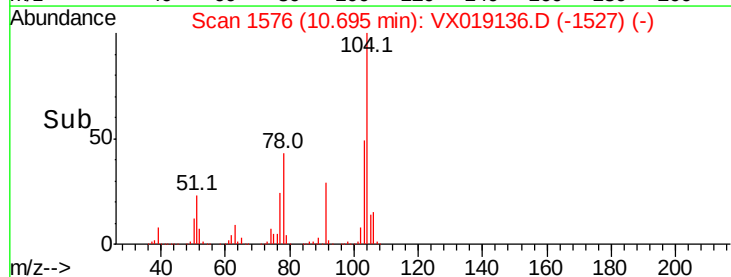
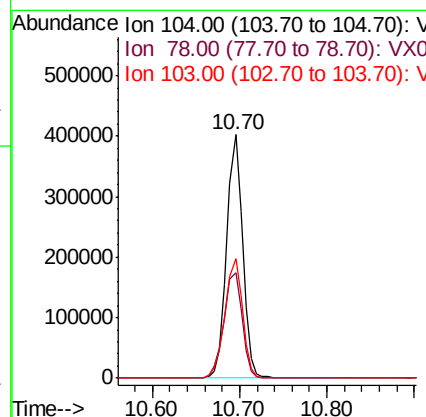
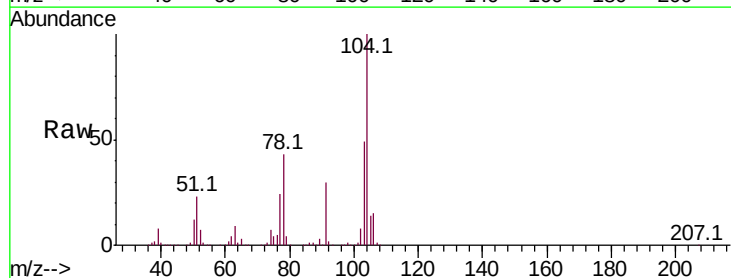
Instrument :
MSVOA_X
ClientSampled :
ICVVX102720

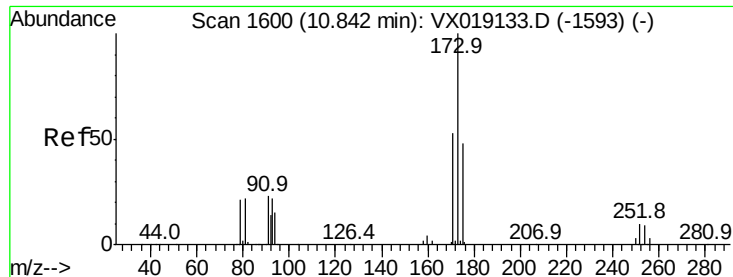
Tot Ion:106 Resp: 296529
Ion Ratio Lower Upper
106 100
91 213.0 108.3 324.8



#70
Styrene
Concen: 53.939 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion:104 Resp: 506159
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 54.1 43.5 65.3





#71

Bromoform

Concen: 54.223 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

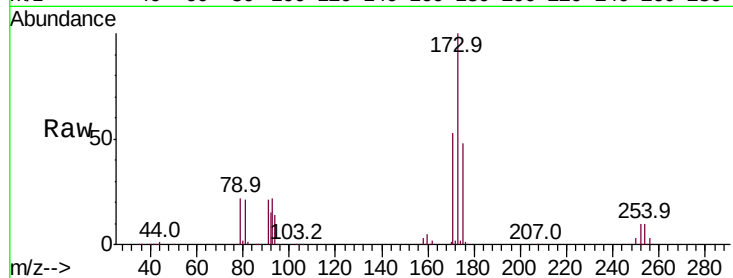
Tot Ion:173 Resp: 134187

Ion Ratio Lower Upper

173 100

175 47.9 24.4 73.4

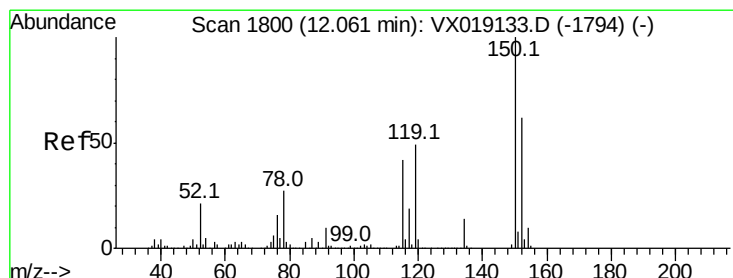
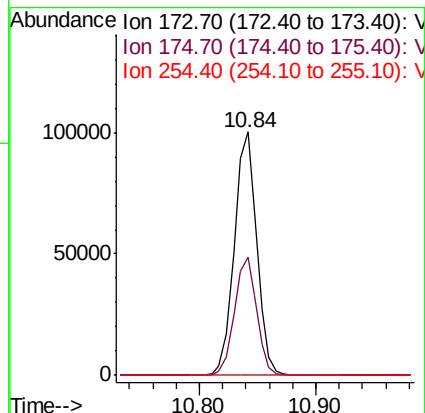
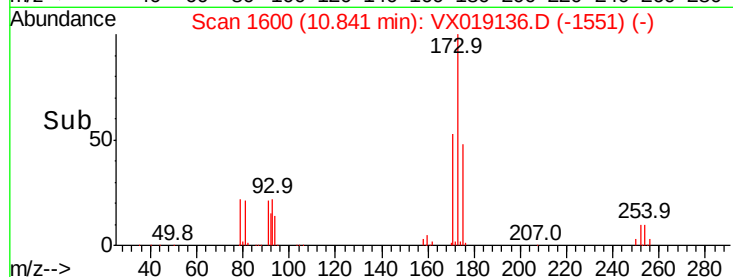
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

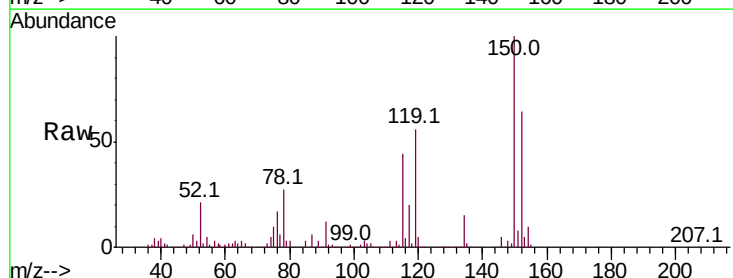
Tgt Ion:152 Resp: 215070

Ion Ratio Lower Upper

152 100

115 86.2 41.9 125.7

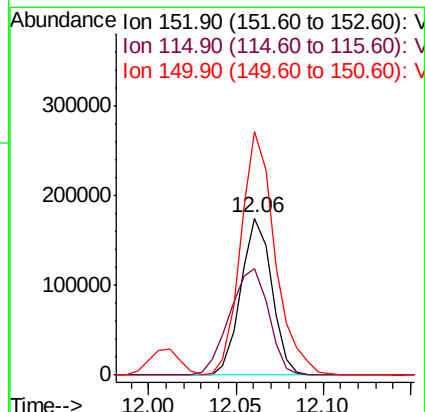
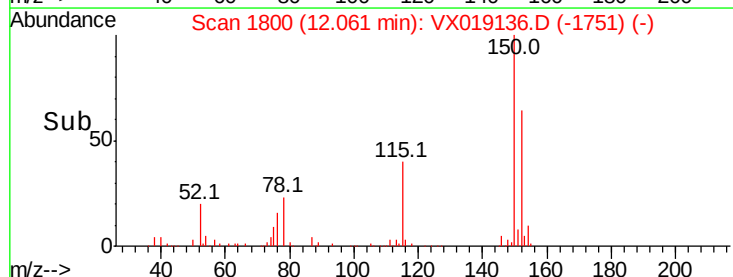
150 172.9 0.0 347.8

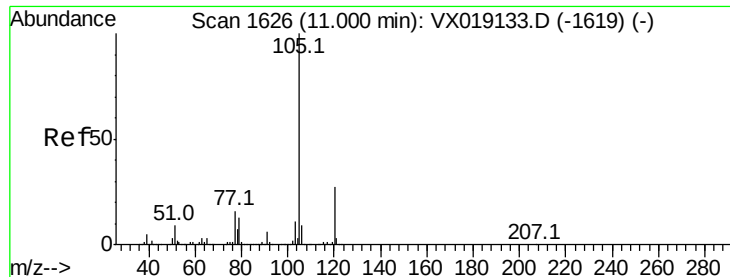


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.630 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

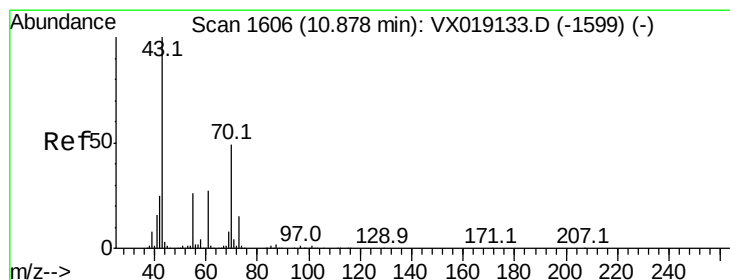
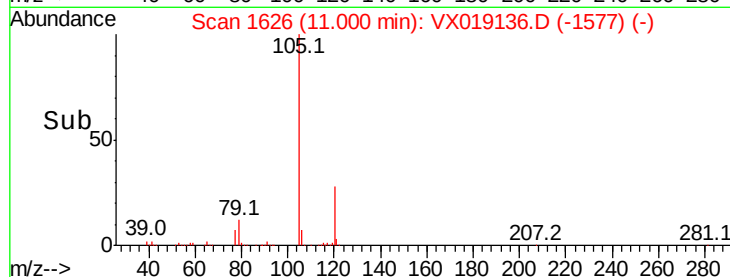
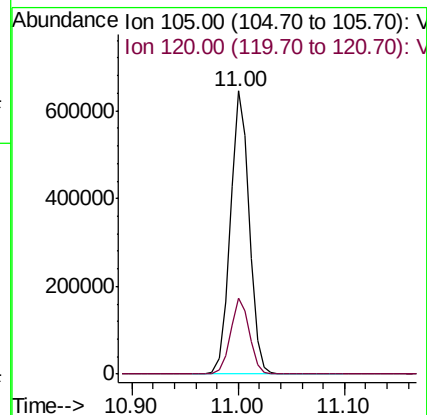
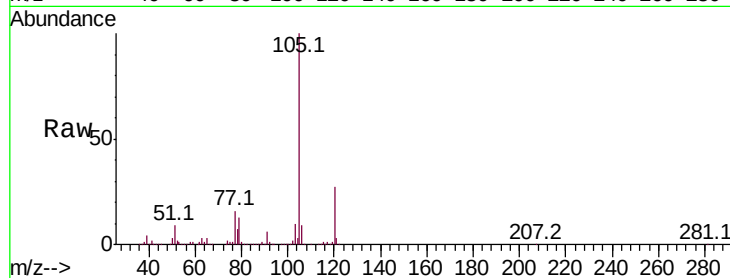
ICVVX102720

Tot Ion:105 Resp: 801220

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



#74

N-ethyl acetate

Concen: 53.284 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Tgt Ion: 43 Resp: 296592

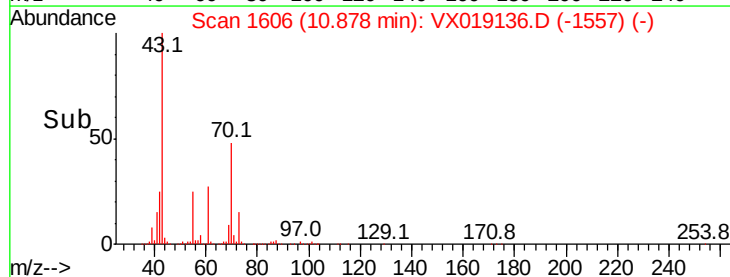
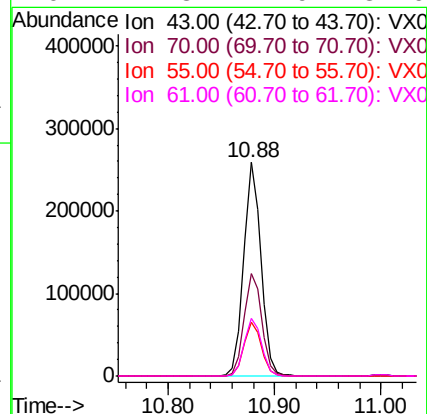
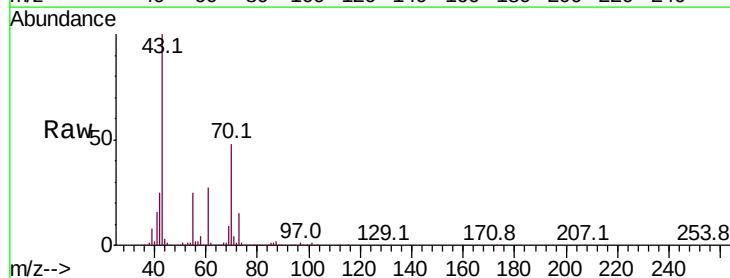
Ion Ratio Lower Upper

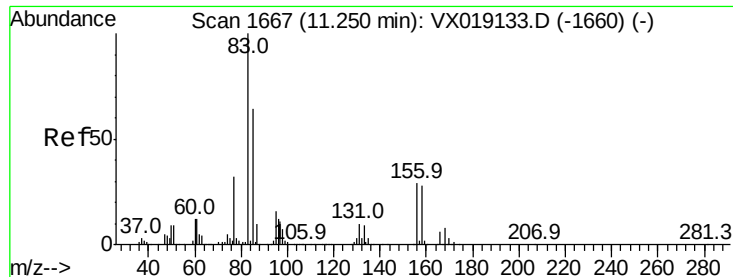
43 100

70 49.3 39.6 59.4

55 25.7 20.7 31.1

61 27.3 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.775 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

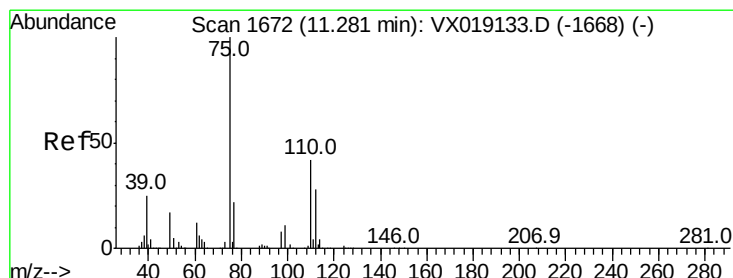
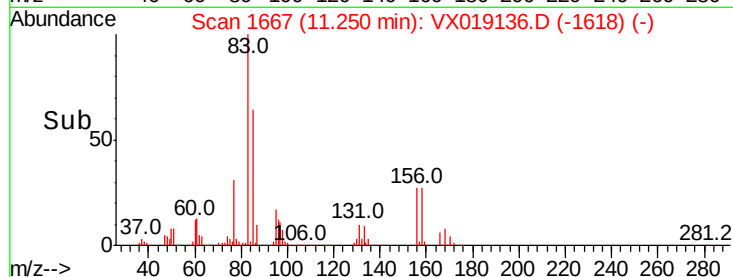
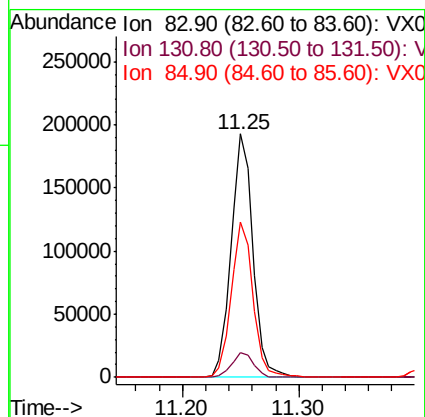
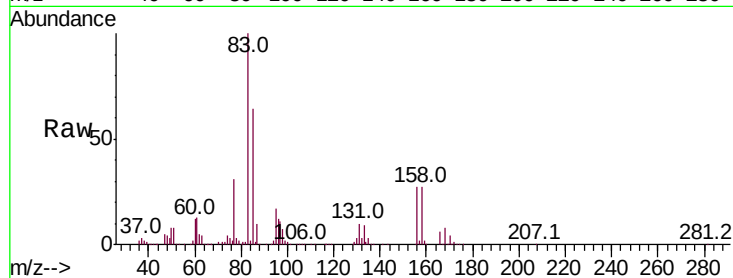
Tot Ion: 83 Resp: 251095

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

85 63.6 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 66.686 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019136.D

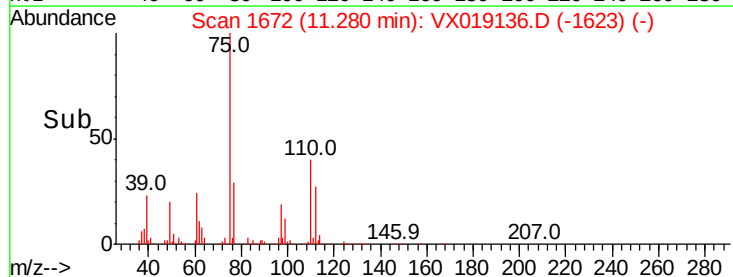
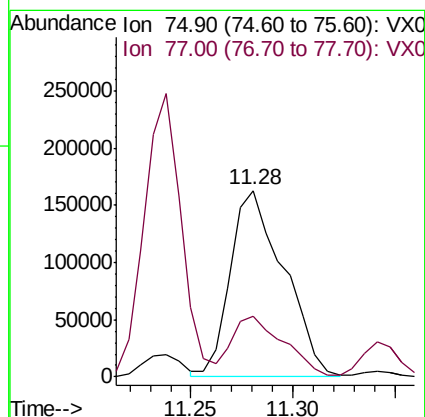
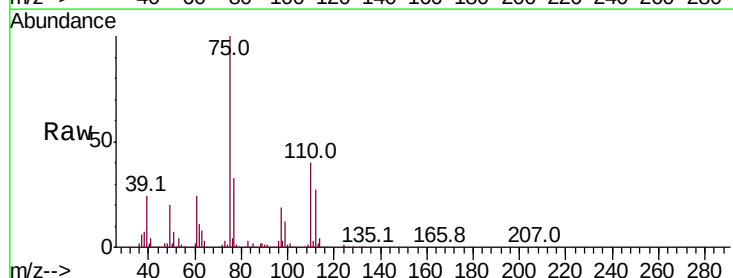
Acq: 27 Oct 2020 14:53

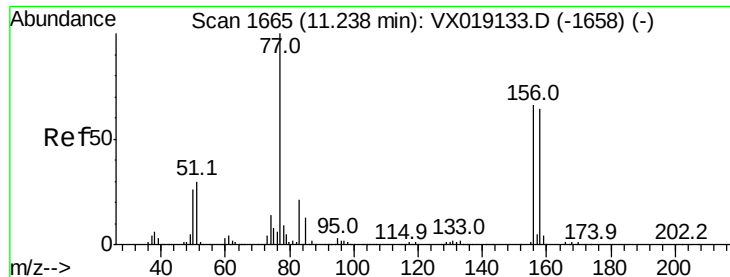
Tgt Ion: 75 Resp: 296134

Ion Ratio Lower Upper

75 100

77 31.6 20.3 60.9





#77

Bromobenzene

Concen: 51.491 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

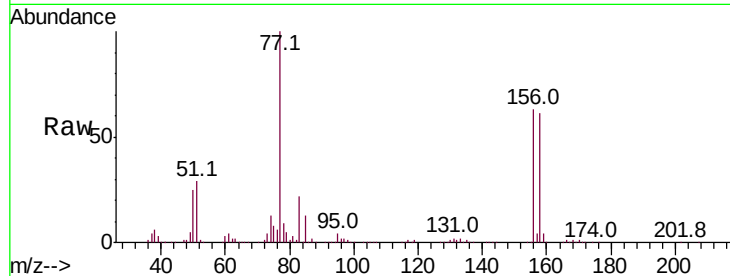
Tot Ion:156 Resp: 194551

Ion Ratio Lower Upper

156 100

77 160.4 77.7 233.1

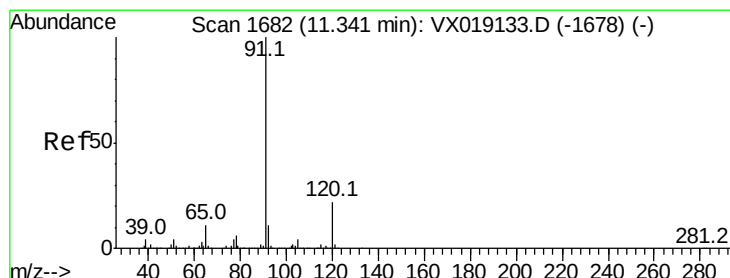
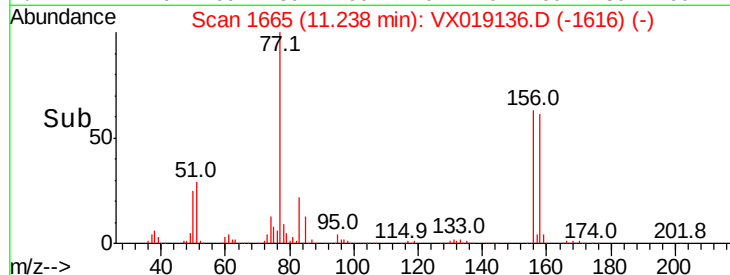
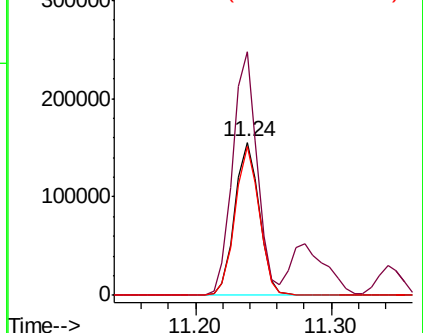
158 96.3 48.3 144.8



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: 53.640 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019136.D

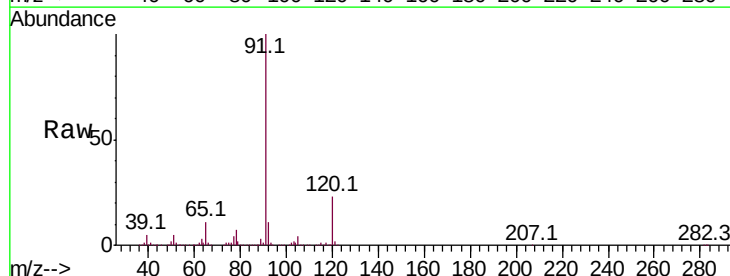
Acq: 27 Oct 2020 14:53

Tgt Ion: 91 Resp: 932172

Ion Ratio Lower Upper

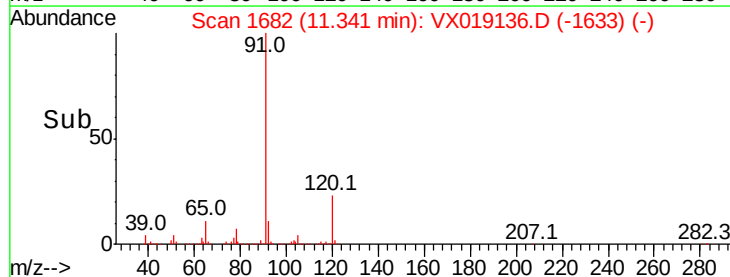
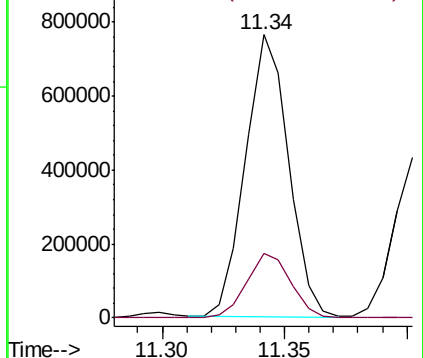
91 100

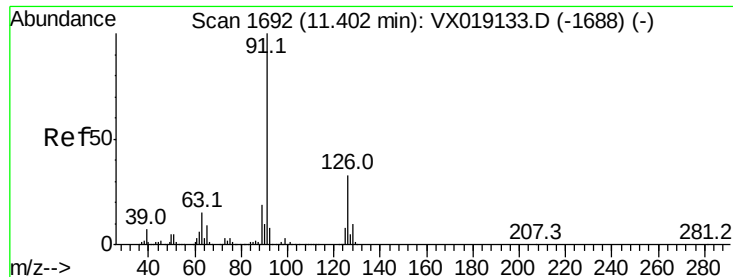
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.407 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

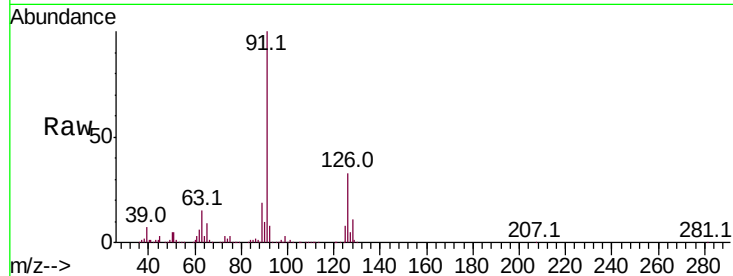
ICVVX102720

Tot Ion: 91 Resp: 536198

Ion Ratio Lower Upper

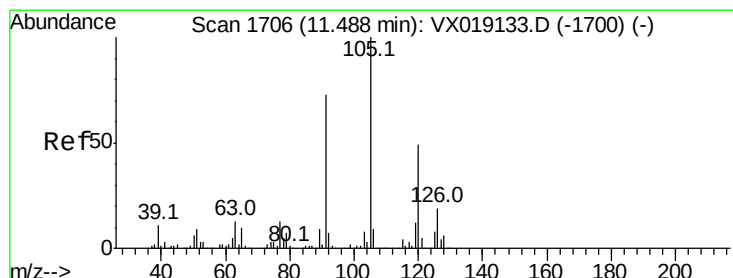
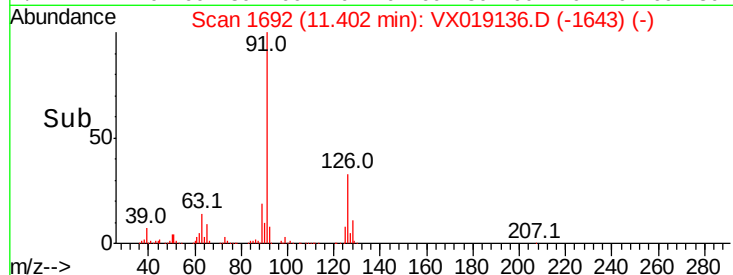
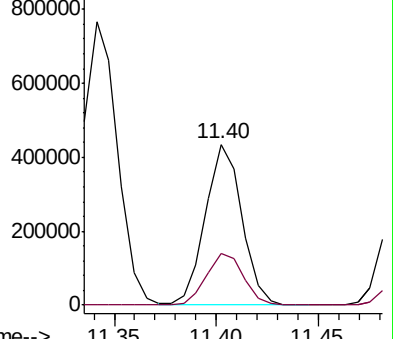
91 100

126 33.3 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VX019136.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX019136.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.487 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019136.D

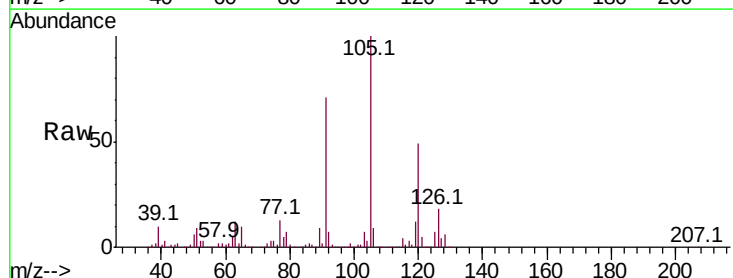
Acq: 27 Oct 2020 14:53

Tgt Ion: 105 Resp: 687893

Ion Ratio Lower Upper

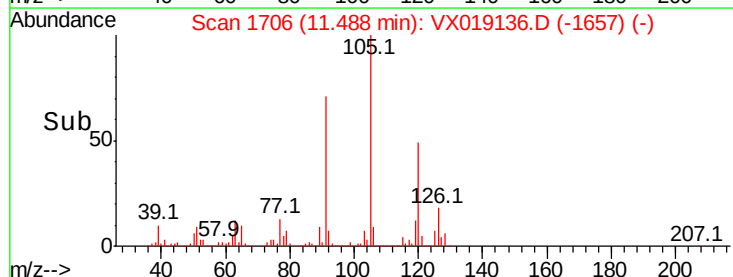
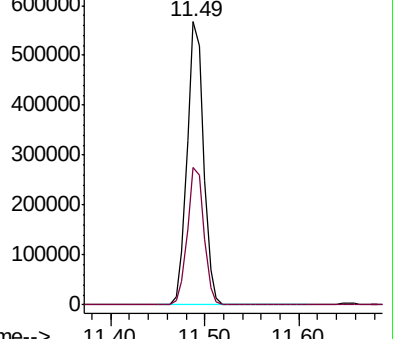
105 100

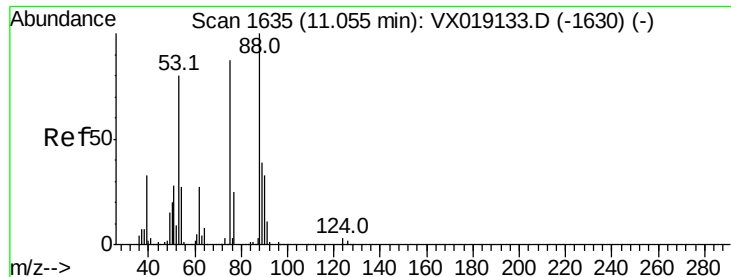
120 49.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX019136.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019136.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.262 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019136.D

Acq: 27 Oct 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102720

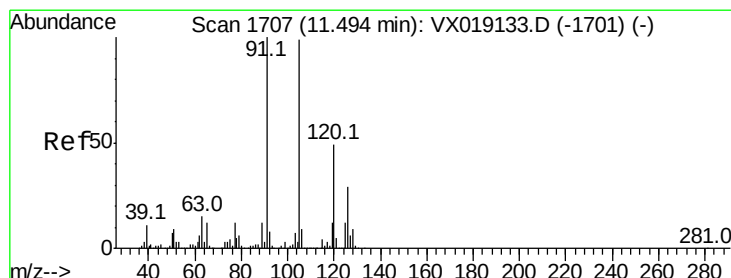
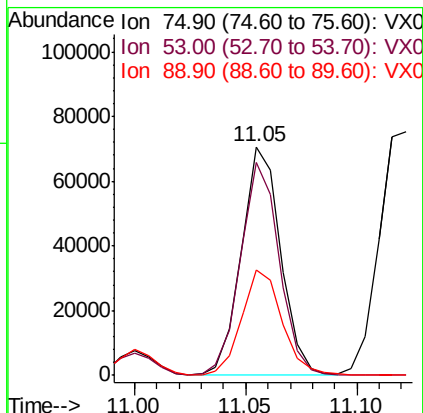
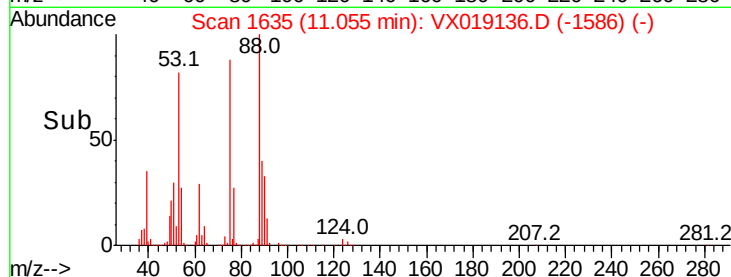
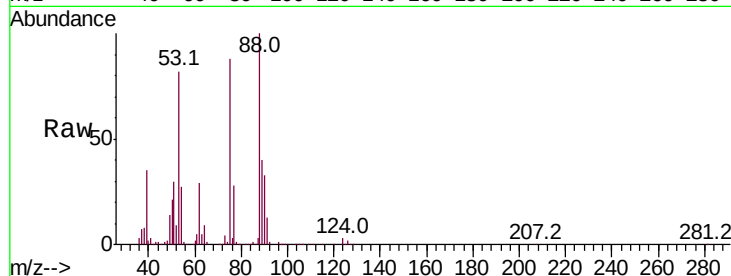
Tot Ion: 75 Resp: 86457

Ion Ratio Lower Upper

75 100

53 92.3 73.3 109.9

89 48.1 38.2 57.2



#82

4-Chlorotoluene

Concen: 52.122 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019136.D

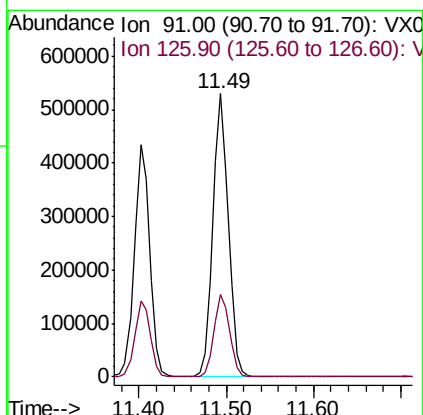
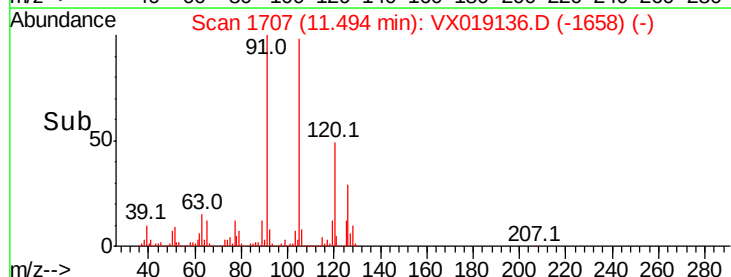
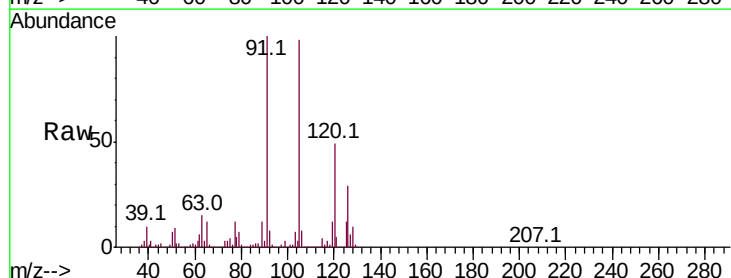
Acq: 27 Oct 2020 14:53

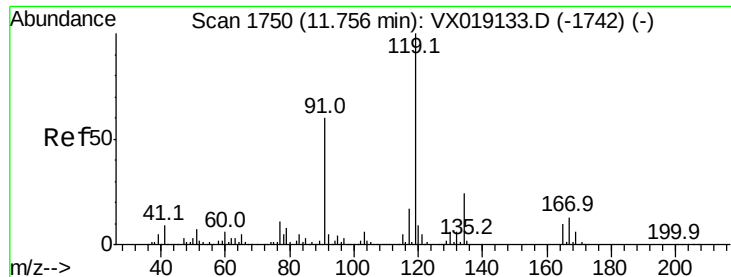
Tgt Ion: 91 Resp: 651210

Ion Ratio Lower Upper

91 100

126 29.5 14.8 44.4

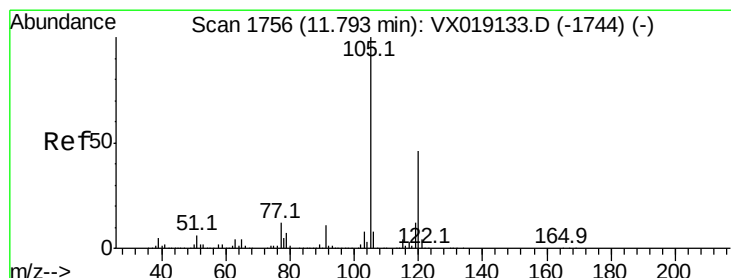
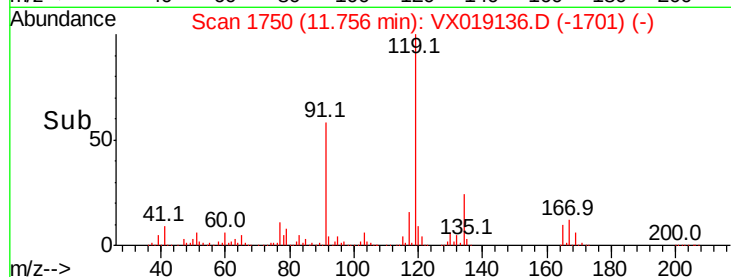
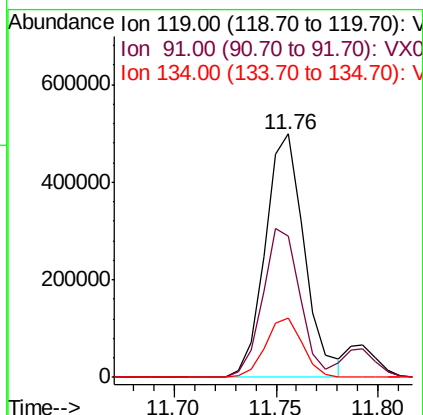
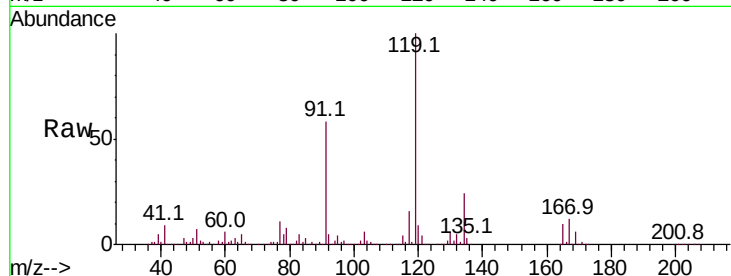




#83
 tert-Butylbenzene
 Concen: 54.218 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

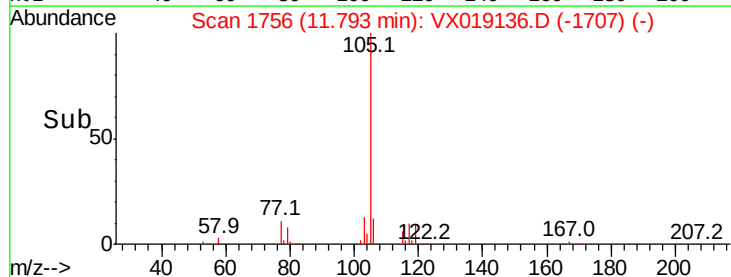
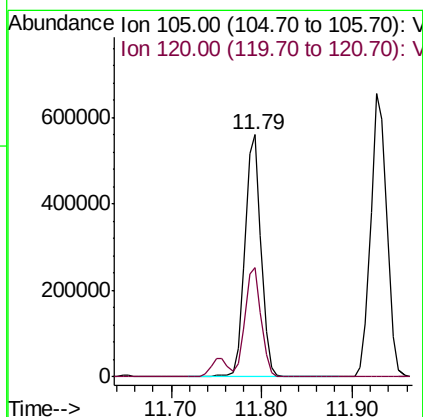
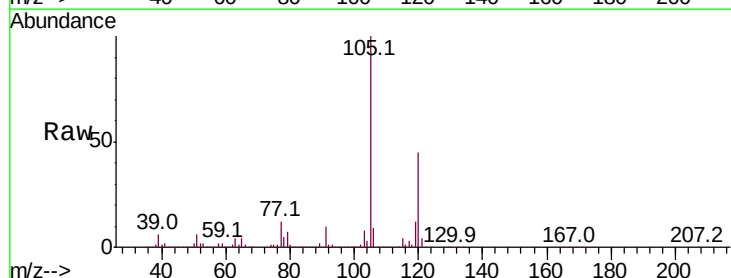
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

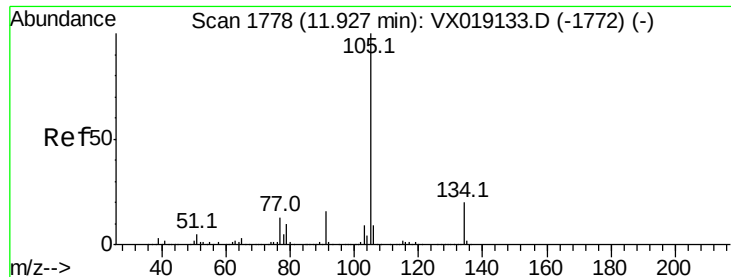
Tot Ion:119 Resp: 667661
 Ion Ratio Lower Upper
 119 100
 91 58.3 29.0 87.1
 134 23.0 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 52.926 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion:105 Resp: 687180
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

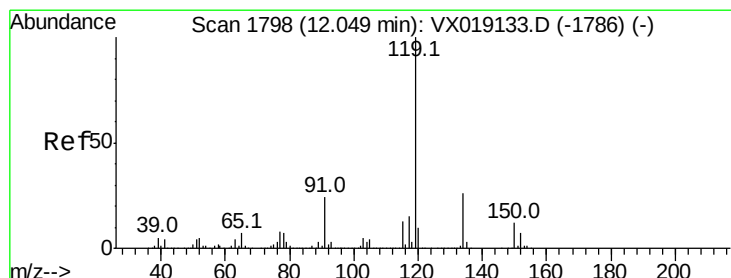
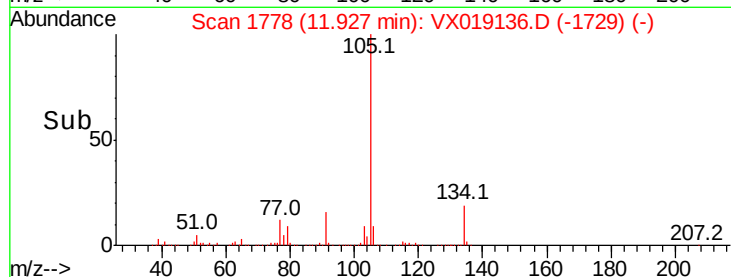
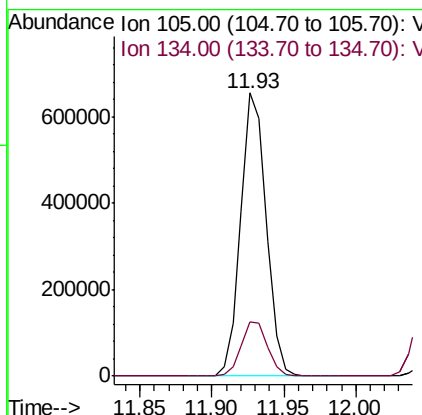
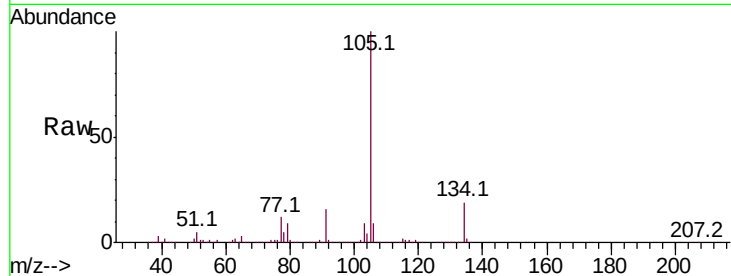




#85
 sec-Butylbenzene
 Concen: 54.533 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

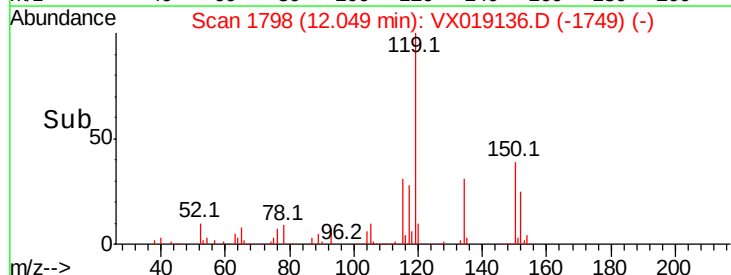
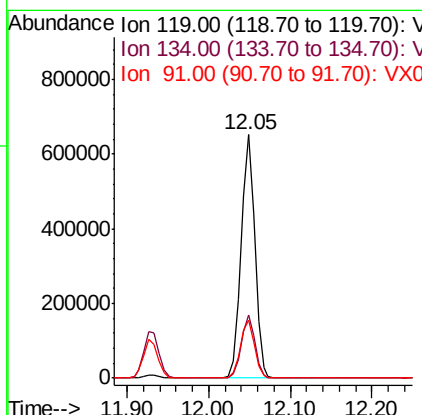
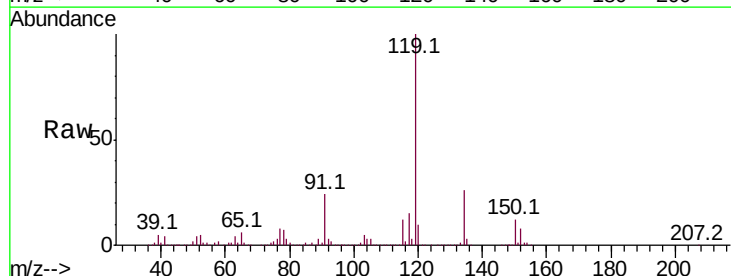
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

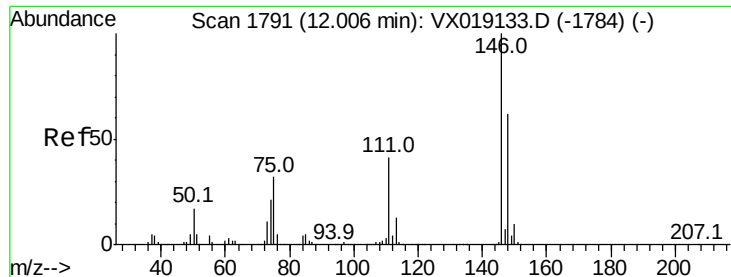
Tot Ion:105 Resp: 805423
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 54.713 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion:119 Resp: 745856
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 24.0 12.0 36.0

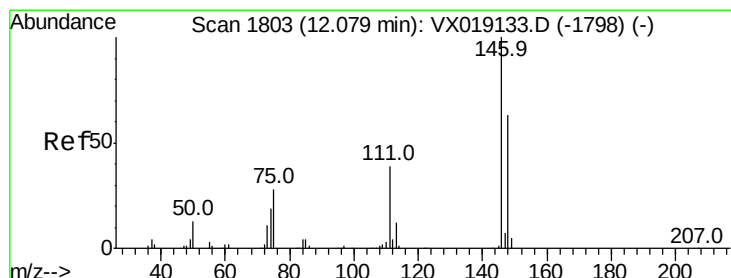
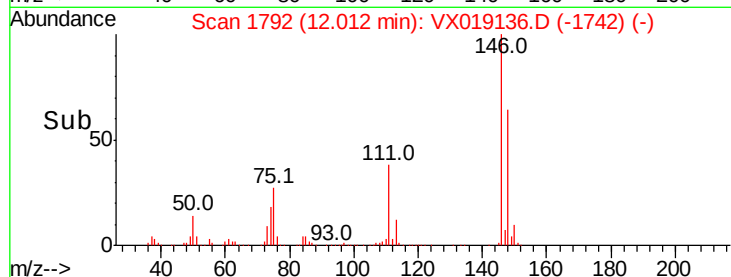
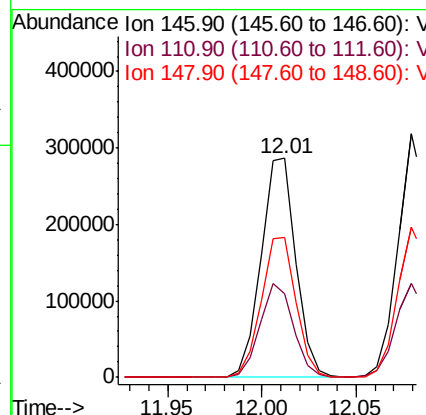
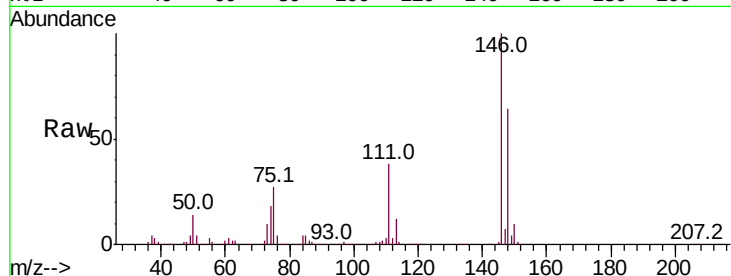




#87
 1,3-Dichlorobenzene
 Concen: 52.028 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

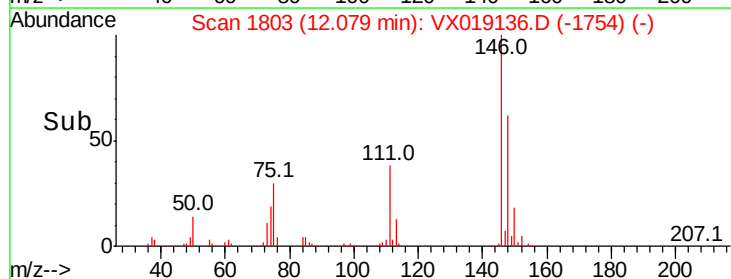
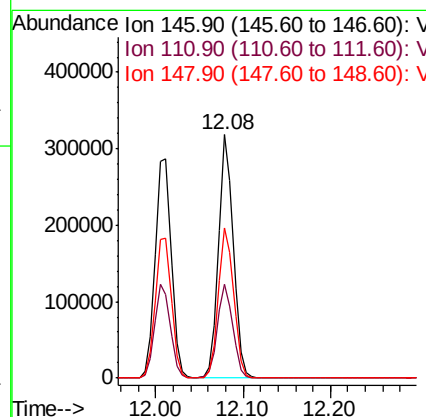
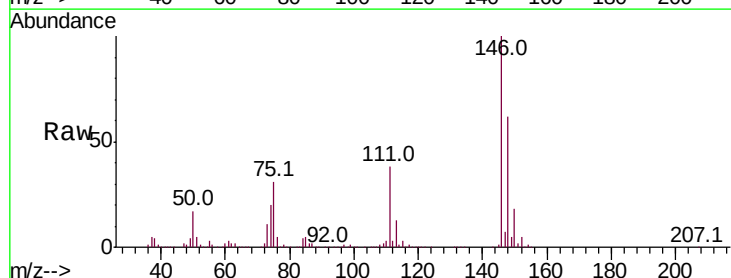
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

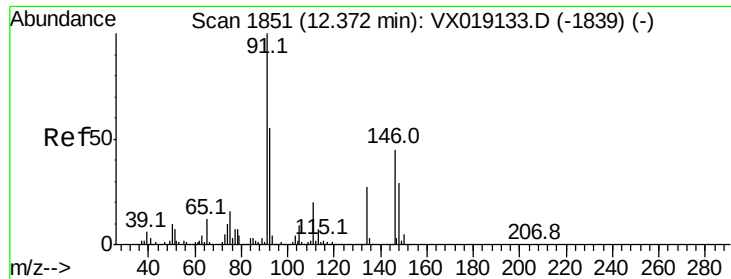
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.2
148	63.9	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 50.975 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.5
148	63.7	31.3	93.8

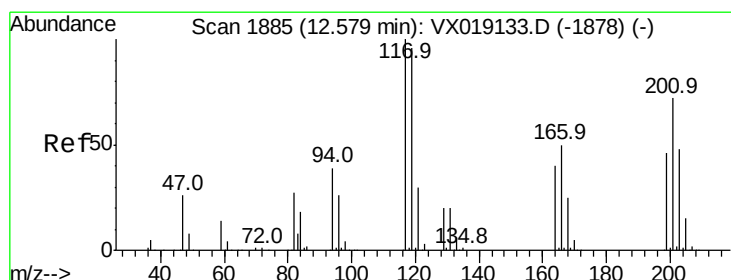
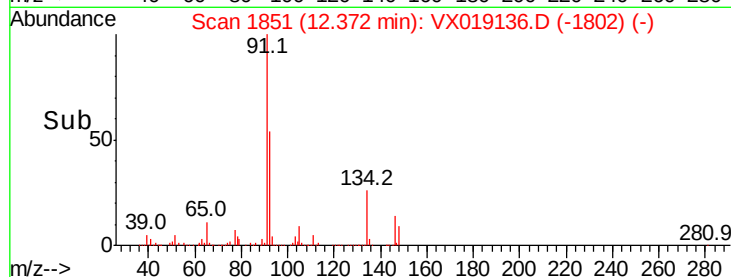
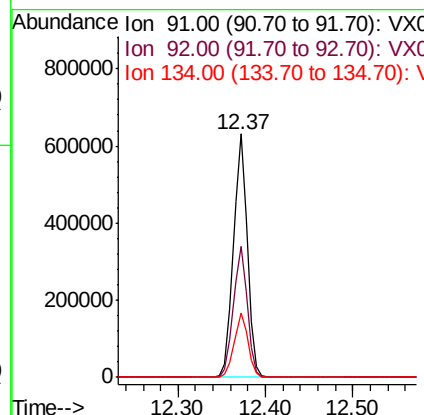
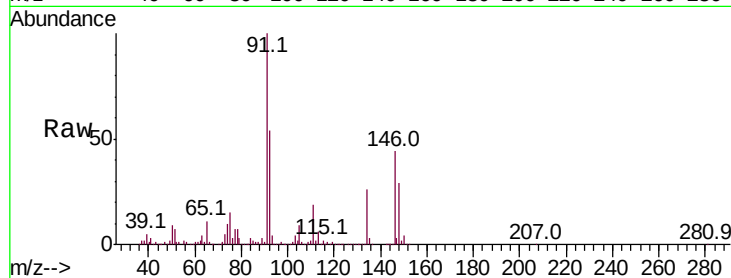




#89
n-Butylbenzene
Concen: 54.268 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

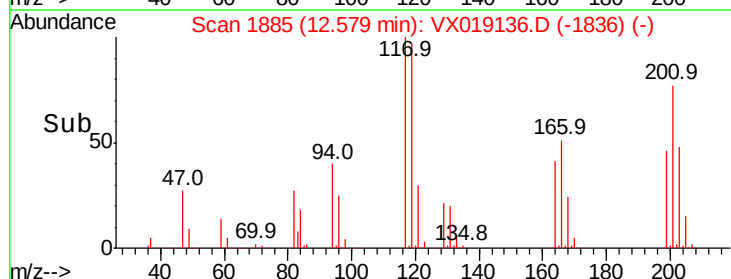
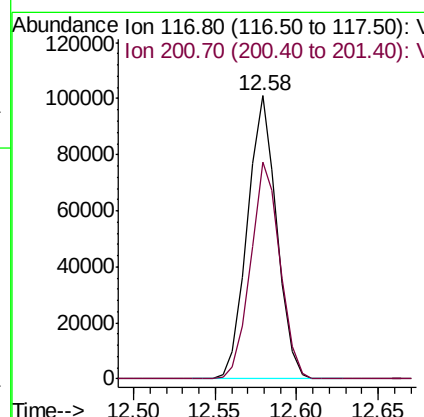
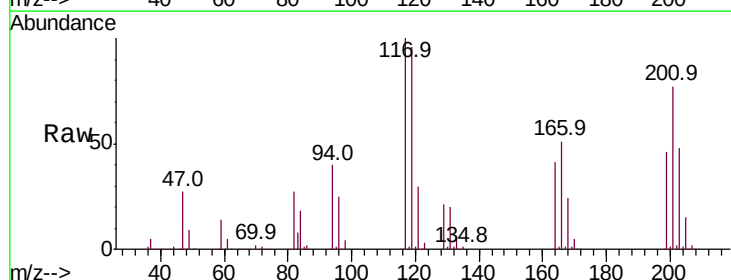
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

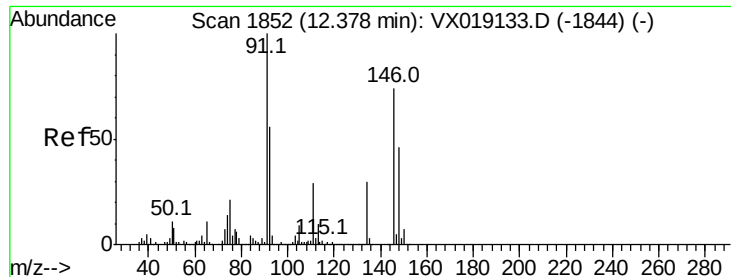
Tot Ion: 91 Resp: 695376
Ion Ratio Lower Upper
91 100
92 54.2 27.5 82.4
134 26.4 13.2 39.6



#90
Hexachloroethane
Concen: 54.572 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion: 117 Resp: 126448
Ion Ratio Lower Upper
117 100
201 76.8 38.5 115.3

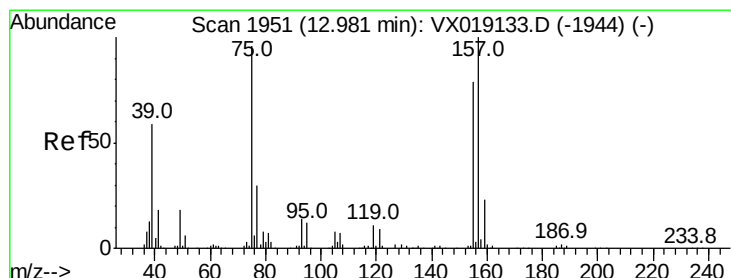
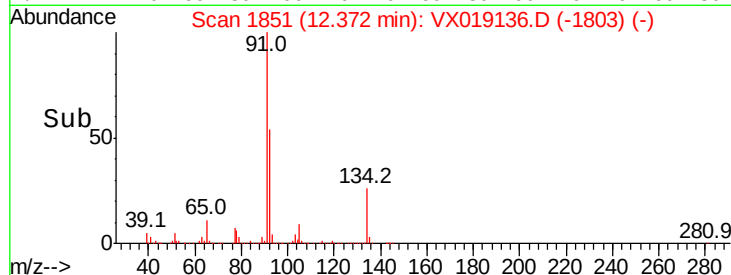
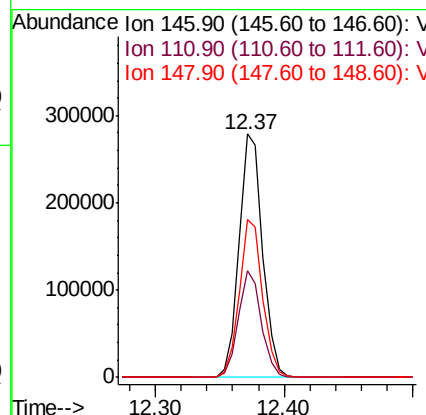
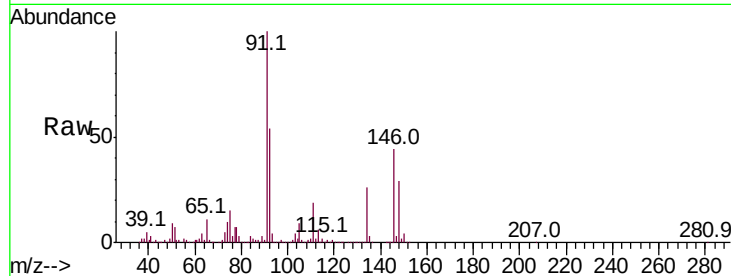




#91
 1,2-Dichlorobenzene
 Concen: 52.590 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

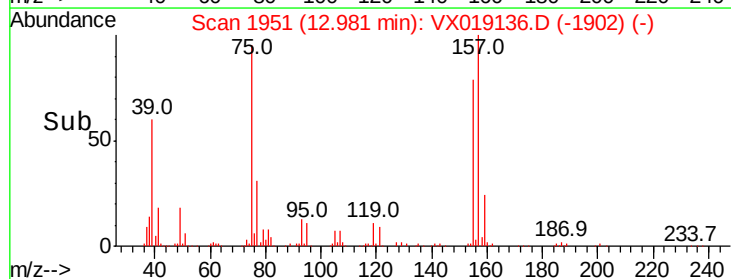
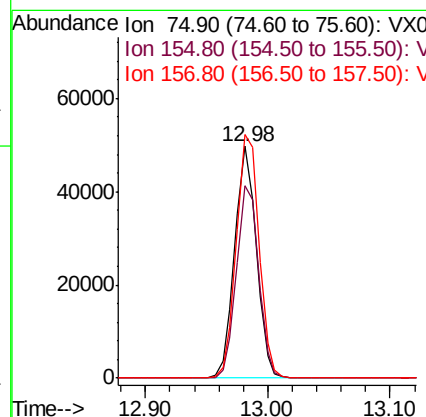
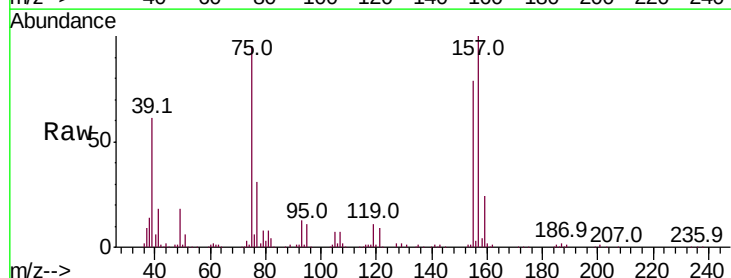
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

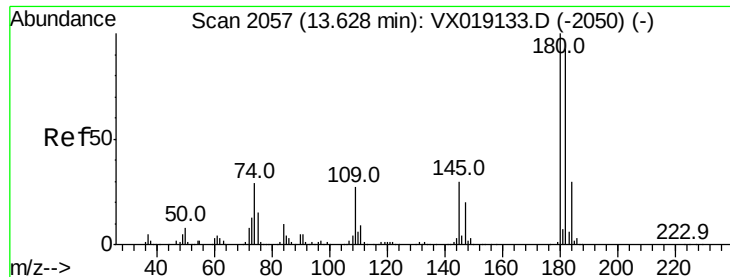
Tot Ion:146 Resp: 355324
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.2 63.6
 148 64.2 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.243 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion: 75 Resp: 60849
 Ion Ratio Lower Upper
 75 100
 155 84.6 42.8 128.4
 157 109.4 54.8 164.4

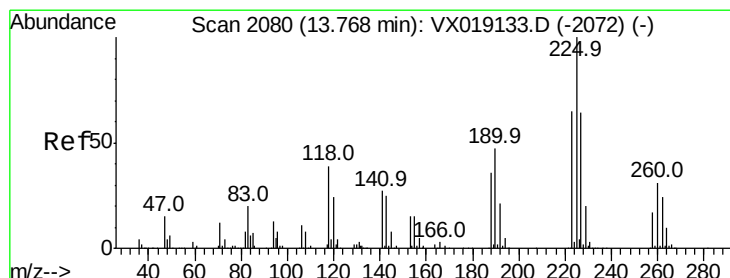
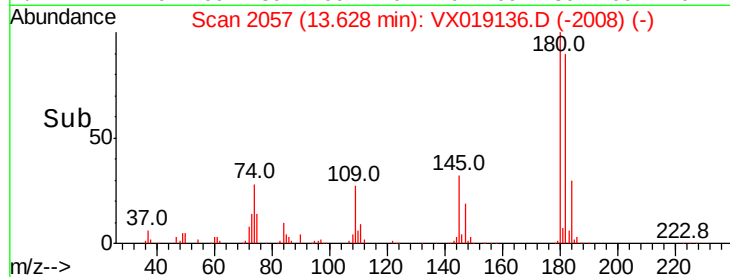
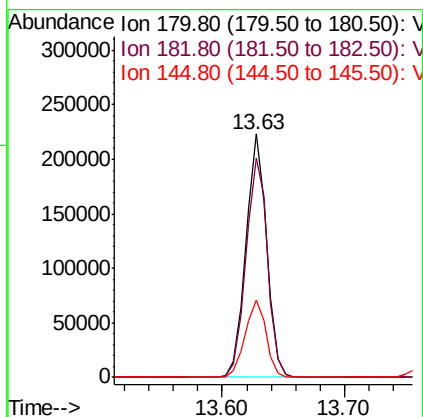
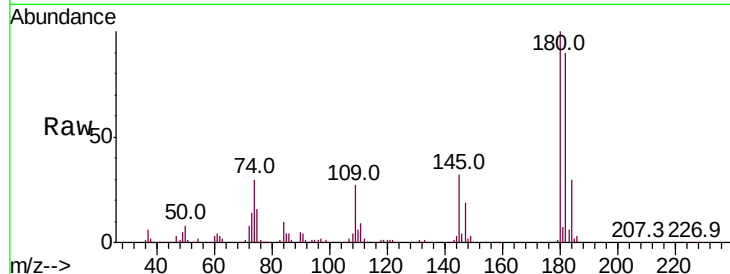




#93
 1,2,4-Trichlorobenzene
 Concen: 51.506 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

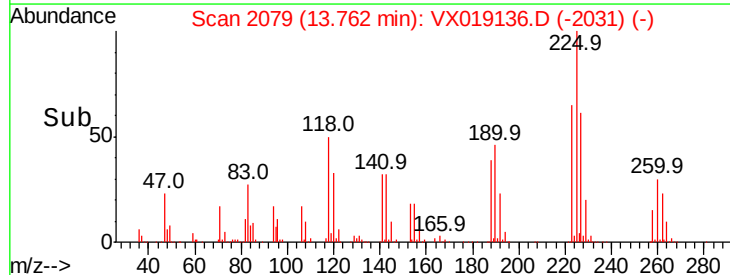
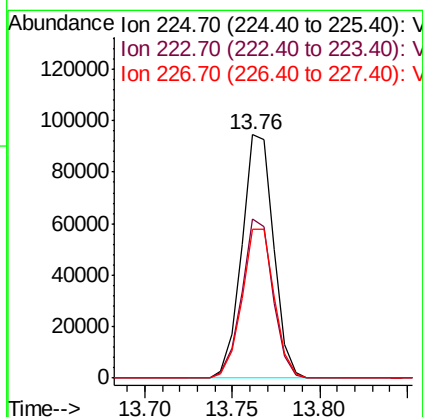
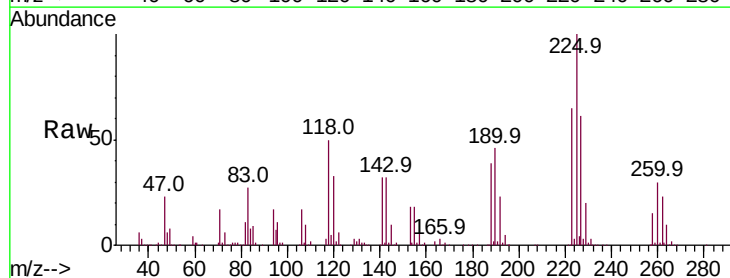
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

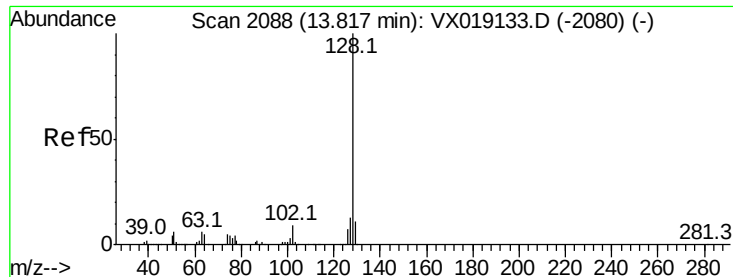
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.8	140.3
145	32.3	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 53.232 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019136.D
 Acq: 27 Oct 2020 14:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.4	97.2
227	62.2	31.6	94.7

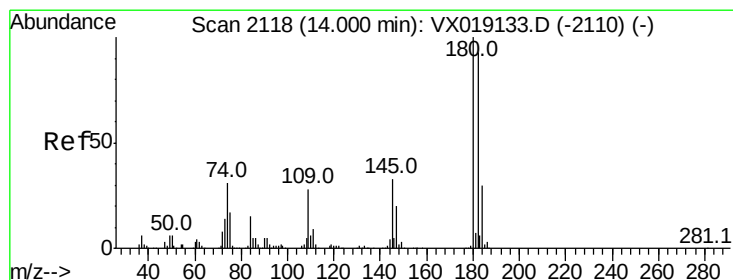
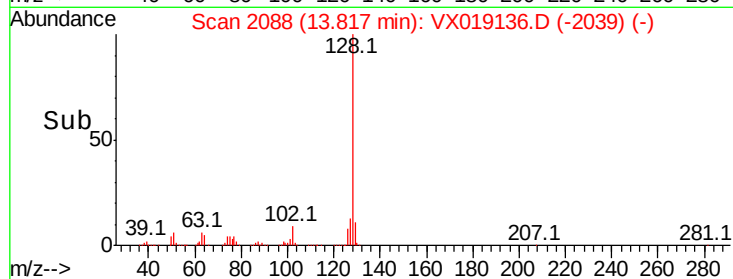
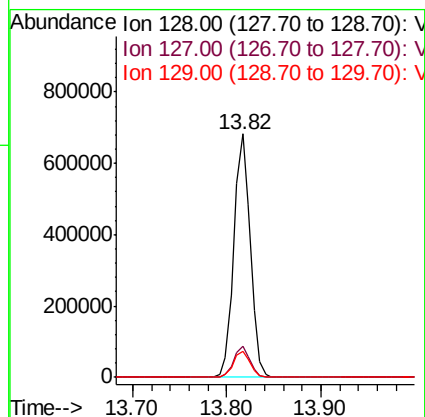
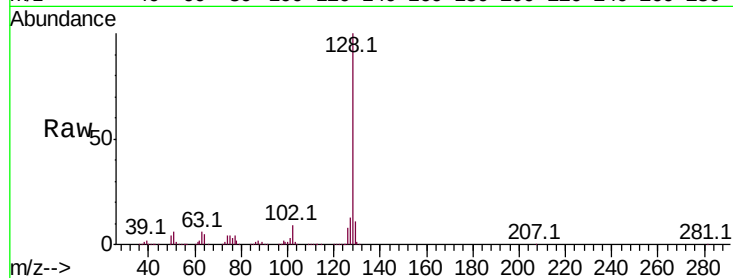




#95
Naphthalene
Concen: 51.456 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102720

Tot Ion:128 Resp: 822466
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.676 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019136.D
Acq: 27 Oct 2020 14:53

Tgt Ion:180 Resp: 254419
Ion Ratio Lower Upper
180 100
182 93.8 47.8 143.3
145 32.9 16.5 49.5

