

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019046.D
 Acq On : 22 Oct 2020 23:28
 Operator : JC/SP
 Sample : VX1022WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

Quant Time: Oct 23 08:37:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	223868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	382868	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	357434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	179023	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	138595	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	
35) Dibromofluoromethane	5.46	113	118479	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
50) Toluene-d8	8.70	98	457791	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.12	95	162029	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	44539	19.973	ug/l	98
3) Chloromethane	1.31	50	41614	18.769	ug/l	99
4) Vinyl Chloride	1.39	62	51734	19.775	ug/l	100
5) Bromomethane	1.64	94	52052	18.287	ug/l	99
6) Chloroethane	1.72	64	35029	17.507	ug/l	99
7) Trichlorofluoromethane	1.92	101	85324	19.300	ug/l	99
8) Diethyl Ether	2.17	74	33218	19.189	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	40791	19.476	ug/l	97
10) Methyl Iodide	2.49	142	39705	16.931	ug/l	100
11) Tert butyl alcohol	3.03	59	53866	99.181	ug/l	99
12) 1,1-Dichloroethene	2.36	96	41403	19.001	ug/l	96
13) Acrolein	2.28	56	18599	99.492	ug/l	97
14) Allyl chloride	2.71	41	51684	18.335	ug/l	99
15) Acrylonitrile	3.12	53	101311	96.465	ug/l	99
16) Acetone	2.42	43	86121	94.289	ug/l	99
17) Carbon Disulfide	2.55	76	112620	17.921	ug/l	98
18) Methyl Acetate	2.75	43	45402	20.032	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	134227	19.447	ug/l	98
20) Methylene Chloride	2.84	84	48623	19.122	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	48711	19.158	ug/l	99
22) Diisopropyl ether	3.82	45	107859	19.404	ug/l	98
23) Vinyl Acetate	3.78	43	507308	96.117	ug/l	98
24) 1,1-Dichloroethane	3.67	63	79178	19.560	ug/l	98
25) 2-Butanone	4.64	43	138346	95.860	ug/l	100
26) 2,2-Dichloropropane	4.55	77	61304	16.402	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	55467	19.222	ug/l	98
28) Bromochloromethane	4.98	49	33374	19.416	ug/l	100
29) Tetrahydrofuran	5.09	42	80386	93.190	ug/l	99
30) Chloroform	5.18	83	85957	19.559	ug/l	96
31) Cyclohexane	5.55	56	60004	19.108	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	77509	19.446	ug/l	99
36) 1,1-Dichloropropene	5.78	75	64319	18.722	ug/l	98
37) Ethyl Acetate	4.79	43	55719	19.002	ug/l	99
38) Carbon Tetrachloride	5.76	117	65127	18.061	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	69384	18.027	ug/l	99
40) Benzene	6.11	78	191289	18.906	ug/l	99
41) Methacrylonitrile	5.00	41	29775	18.904	ug/l	99
42) 1,2-Dichloroethane	6.17	62	67444	19.532	ug/l	100
43) Isopropyl Acetate	6.41	43	91618	18.449	ug/l	100
44) Trichloroethene	7.19	130	54782	18.566	ug/l	96
45) 1,2-Dichloropropane	7.49	63	46192	19.033	ug/l	97
46) Dibromomethane	7.64	93	34371	18.594	ug/l	99
47) Bromodichloromethane	7.88	83	67890	18.732	ug/l	98
48) Methyl methacrylate	7.74	41	44707	18.271	ug/l	99
49) 1,4-Dioxane	7.74	88	20952	378.974	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	278794	95.273	ug/l	100
52) Toluene	8.76	92	126149	18.877	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	72637	17.747	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	78392	18.138	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	50980	18.713	ug/l	99
56) Ethyl methacrylate	9.16	69	72858	18.589	ug/l	99
57) 1,3-Dichloropropane	9.35	76	82797	19.148	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	194379	94.409	ug/l	99
59) 2-Hexanone	9.47	43	212064	97.246	ug/l	99
60) Dibromochloromethane	9.57	129	54614	18.393	ug/l	99
61) 1,2-Dibromoethane	9.65	107	53208	18.254	ug/l	99
64) Tetrachloroethene	9.32	164	47801	17.565	ug/l	95
65) Chlorobenzene	10.12	112	137600	18.353	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	49858	18.704	ug/l	99
67) Ethyl Benzene	10.24	91	239689	18.546	ug/l	100
68) m/p-Xylenes	10.34	106	183370	37.040	ug/l	99
69) o-Xylene	10.68	106	86702	18.299	ug/l	99
70) Styrene	10.70	104	145617	18.102	ug/l	99
71) Bromoform	10.84	173	38063	17.689	ug/l #	98
73) Isopropylbenzene	11.00	105	235797	18.309	ug/l	99
74) N-amyl acetate	10.88	43	75078	18.195	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	74929	19.313	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	83648	23.377	ug/l	86
77) Bromobenzene	11.24	156	58514	17.991	ug/l	98
78) n-propylbenzene	11.34	91	265810	18.215	ug/l	99
79) 2-Chlorotoluene	11.40	91	155696	18.289	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	194466	18.286	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	22436	15.975	ug/l	97
82) 4-Chlorotoluene	11.49	91	183865	18.151	ug/l	99
83) tert-Butylbenzene	11.76	119	189069	18.047	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	194122	18.229	ug/l	100
85) sec-Butylbenzene	11.93	105	230709	18.198	ug/l	99
86) p-Isopropyltoluene	12.05	119	209131	18.054	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	106892	17.916	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	109045	17.809	ug/l	99
89) n-Butylbenzene	12.37	91	184870	17.435	ug/l	100
90) Hexachloroethane	12.58	117	31646	17.845	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	104183	18.728	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15666	17.733	ug/l	97

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration

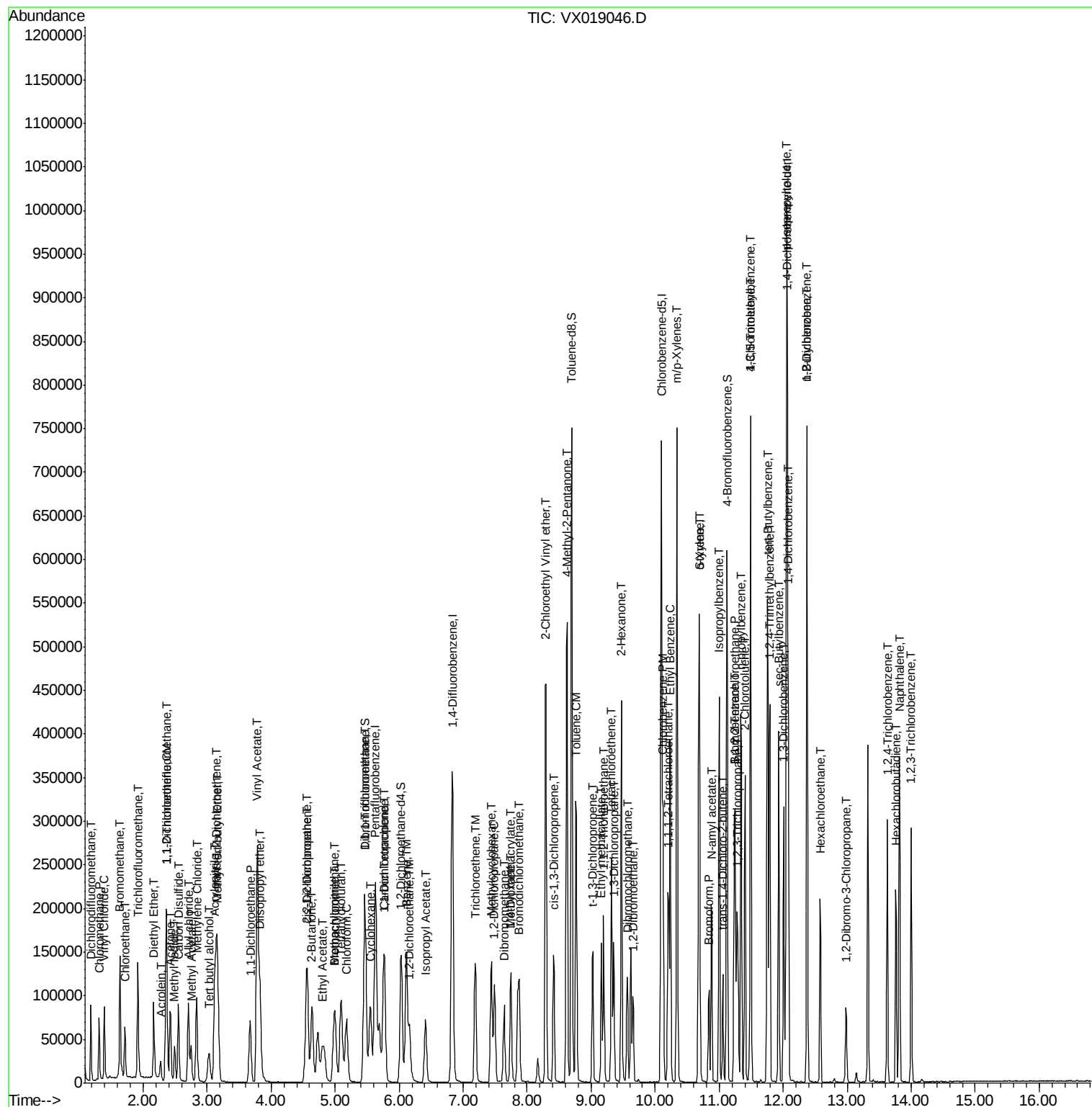
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	69074	16.972	ug/l	98
94) Hexachlorobutadiene	13.76	225	30009	15.905	ug/l	95
95) Naphthalene	13.82	128	231811	18.103	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	68976	17.412	ug/l	99

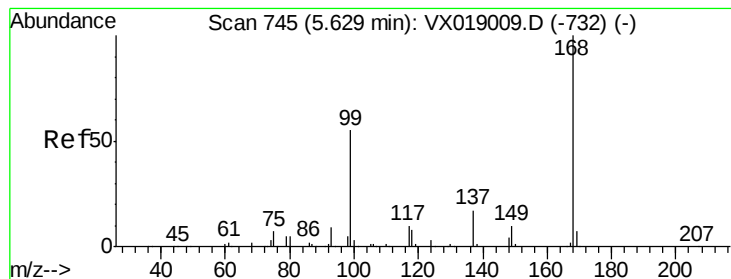
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Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

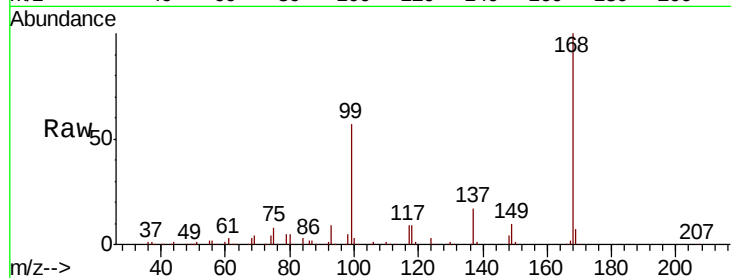
VX1022WBSD02

Tot Ion:168 Resp: 223868

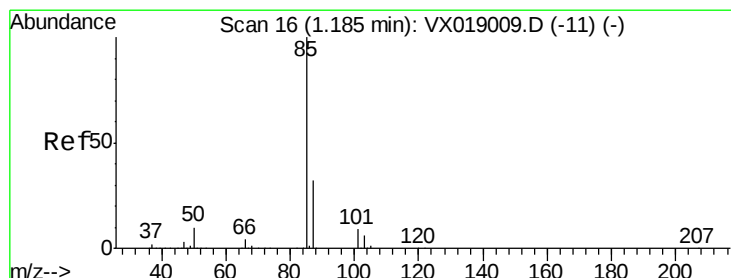
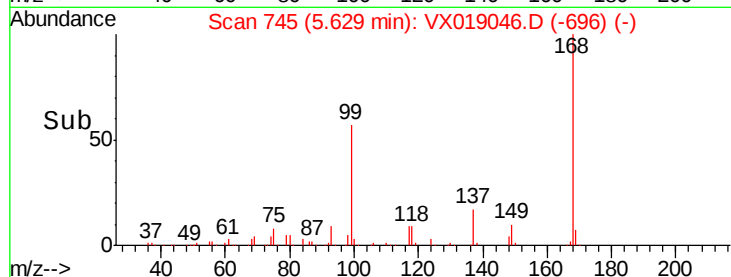
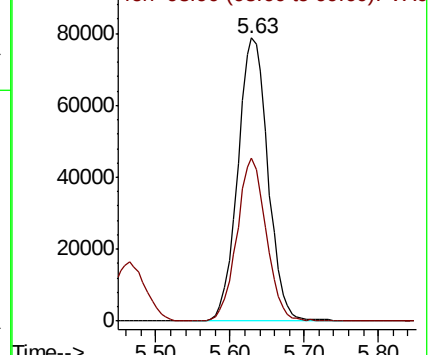
Ion Ratio Lower Upper

168 100

99 57.4 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VX019009.D (-732) (-)



#2

Dichlorodifluoromethane

Concen: 19.973 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019046.D

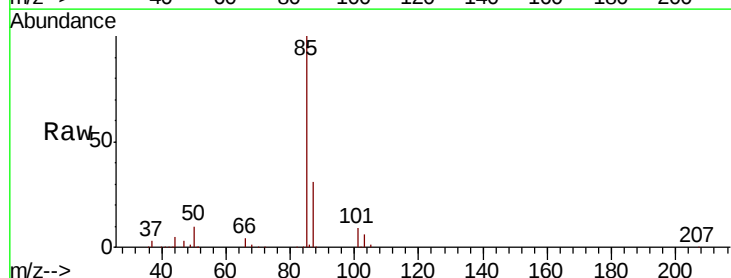
Acq: 22 Oct 2020 23:28

Tgt Ion: 85 Resp: 44539

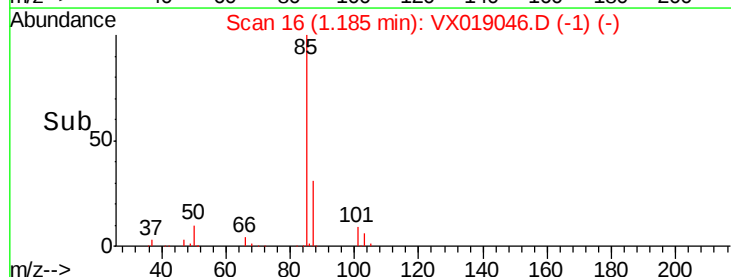
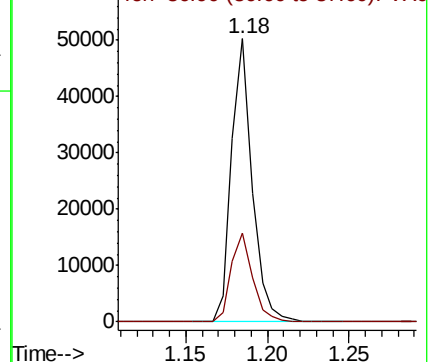
Ion Ratio Lower Upper

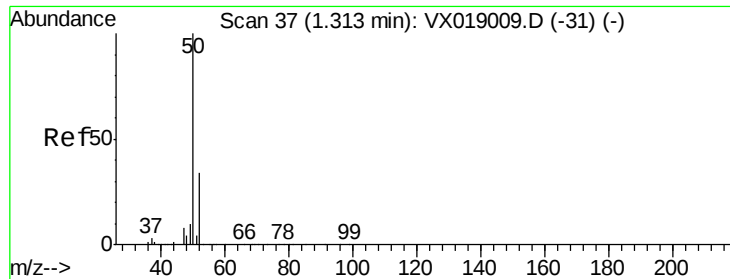
85 100

87 31.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX019009.D (-11) (-)

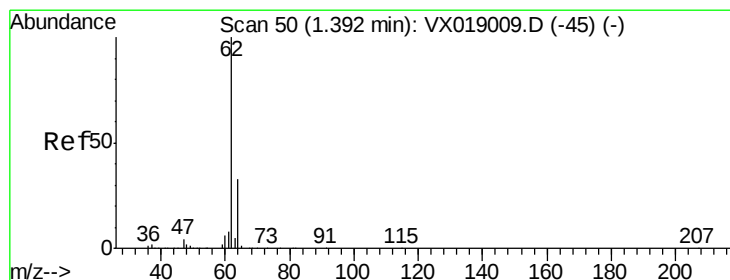
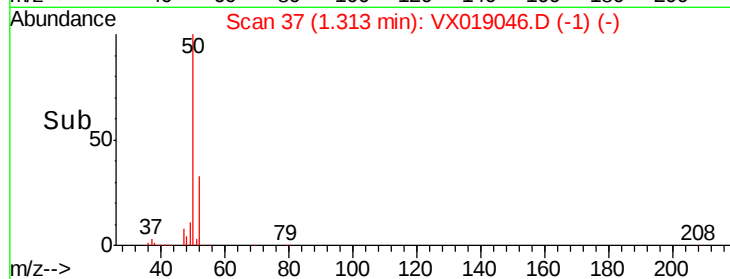
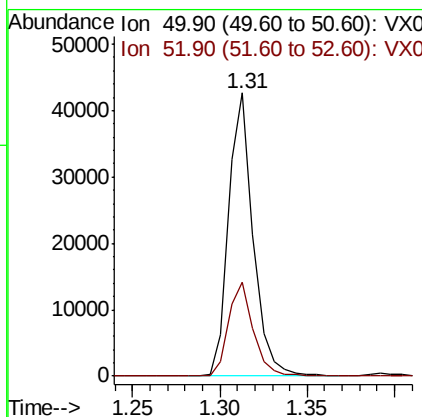
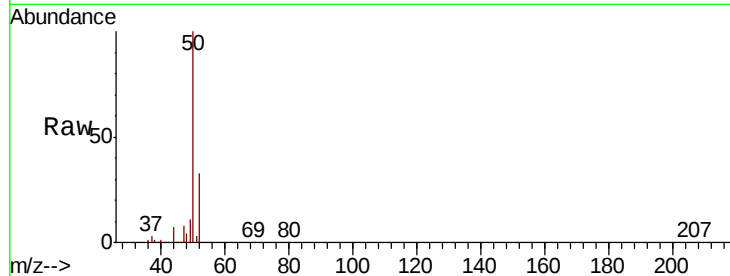




#3
Chloromethane
Concen: 18.769 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

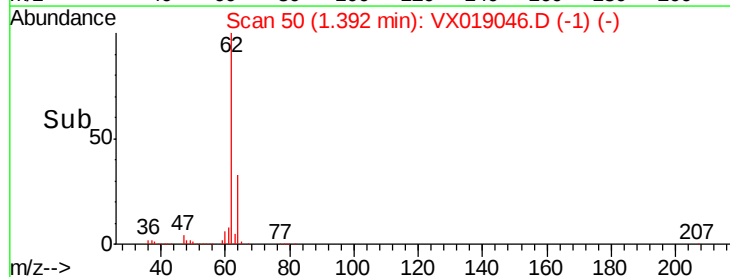
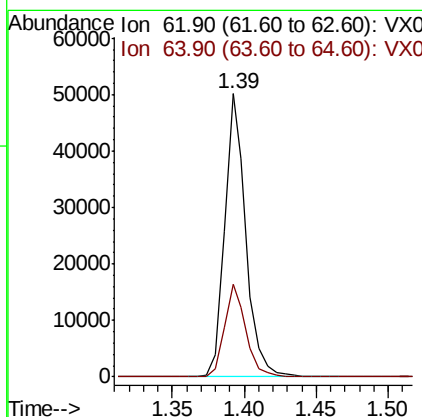
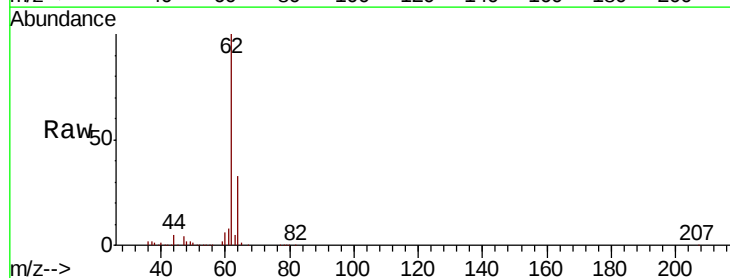
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

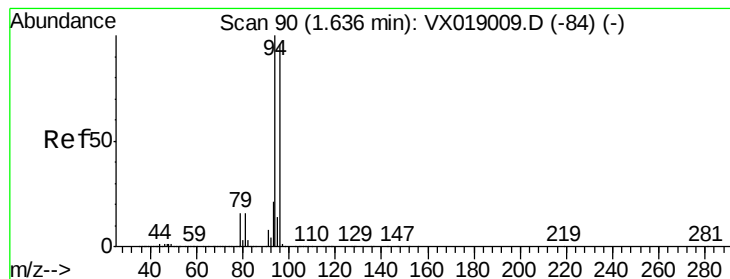
Tot Ion: 50 Resp: 41614
Ion Ratio Lower Upper
50 100
52 33.2 27.0 40.6



#4
Vinyl Chloride
Concen: 19.775 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion: 62 Resp: 51734
Ion Ratio Lower Upper
62 100
64 33.0 26.5 39.7





#5

Bromomethane

Concen: 18.287 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

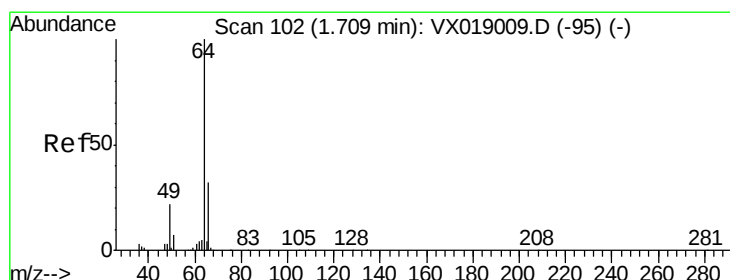
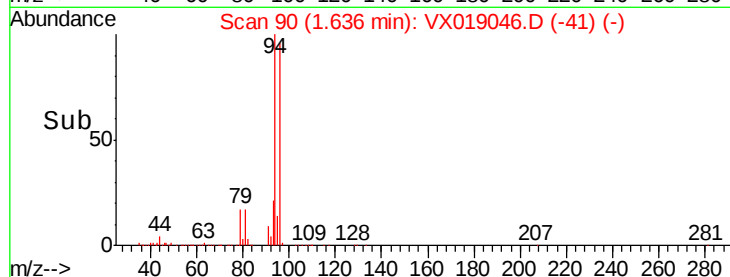
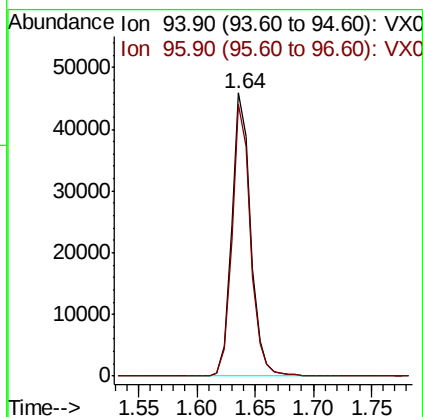
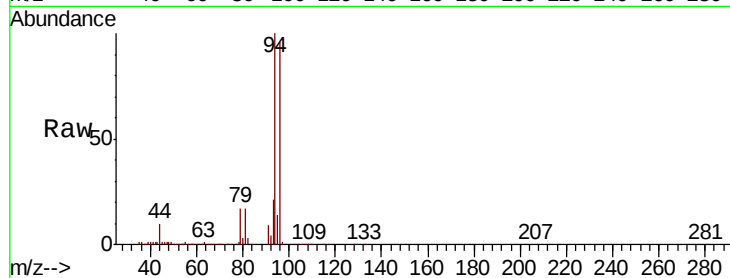
VX1022WBSD02

Tot Ion: 94 Resp: 52052

Ion Ratio Lower Upper

94 100

96 95.8 77.1 115.7



#6

Chloroethane

Concen: 17.507 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019046.D

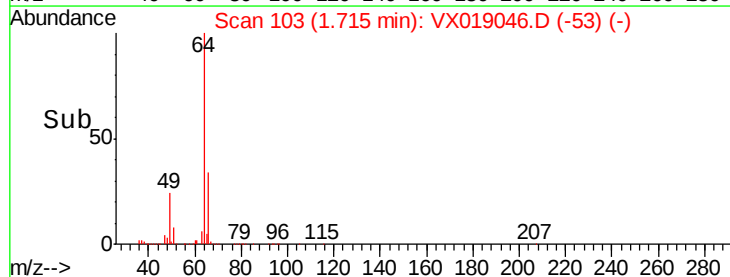
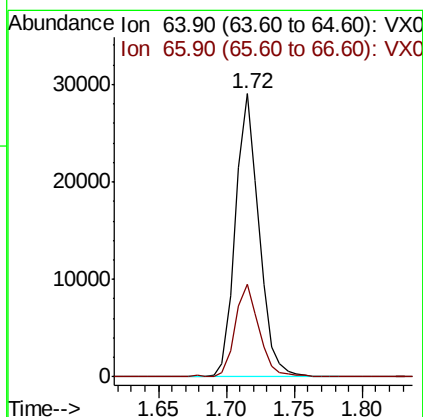
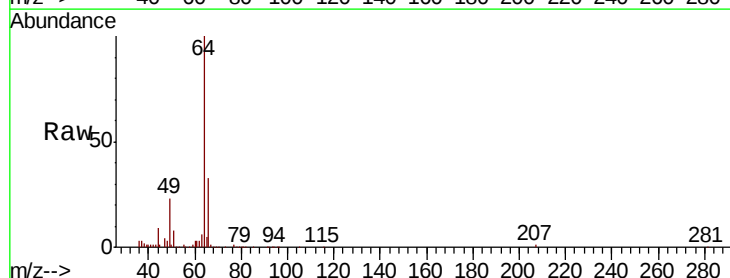
Acq: 22 Oct 2020 23:28

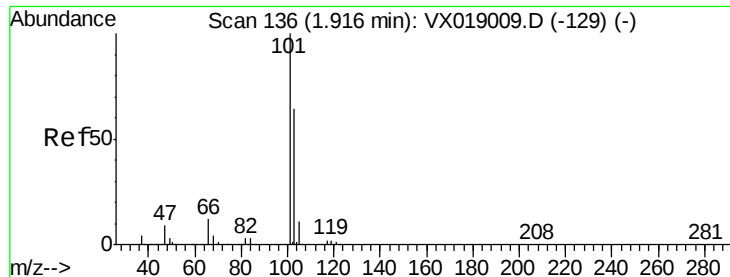
Tgt Ion: 64 Resp: 35029

Ion Ratio Lower Upper

64 100

66 32.7 25.7 38.5



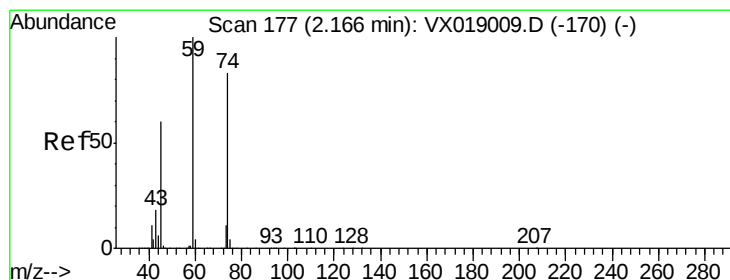
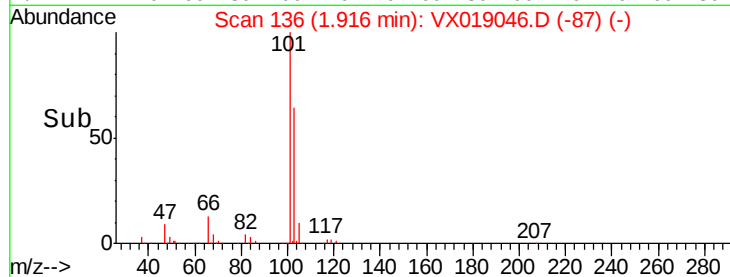
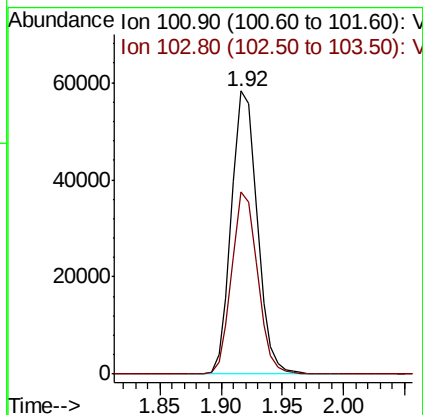
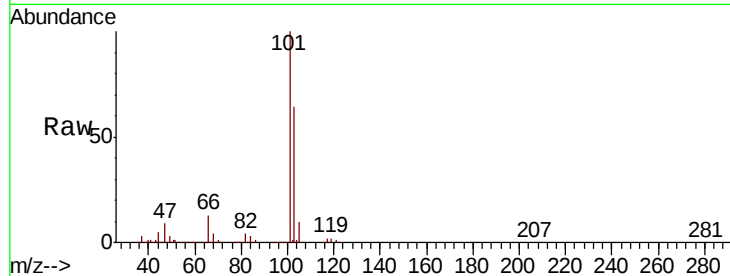


#7

Trichlorofluoromethane
 Concen: 19.300 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

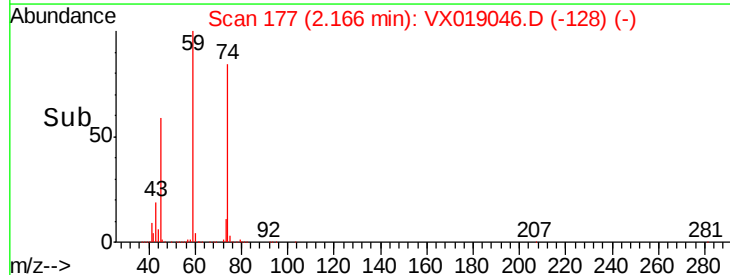
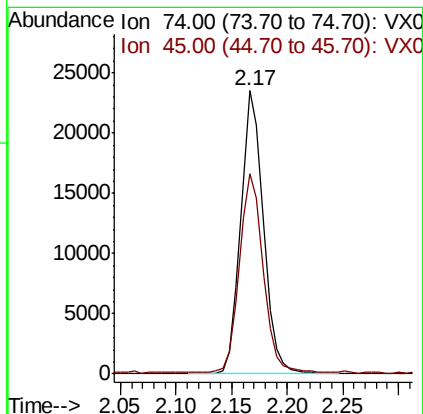
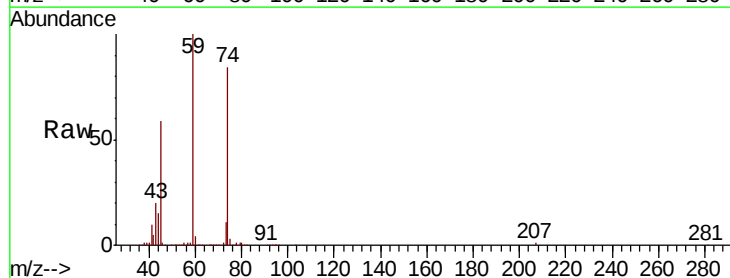
Tot Ion:101 Resp: 85324
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.2 76.8

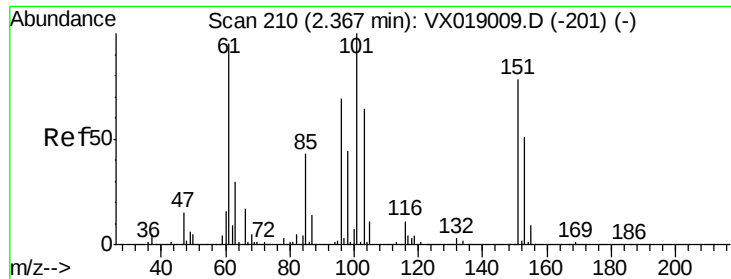


#8

Diethyl Ether
 Concen: 19.189 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion: 74 Resp: 33218
 Ion Ratio Lower Upper
 74 100
 45 73.1 36.8 110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.476 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

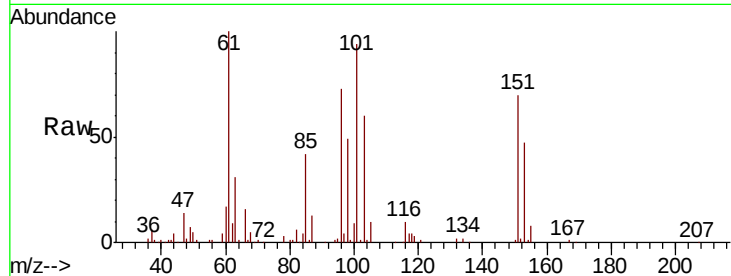
Tot Ion:101 Resp: 40791

Ion Ratio Lower Upper

101 100

85 43.7 35.2 52.8

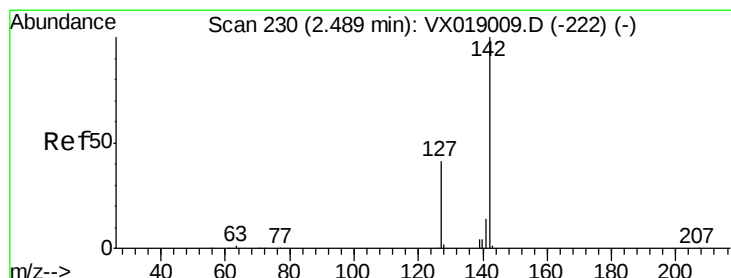
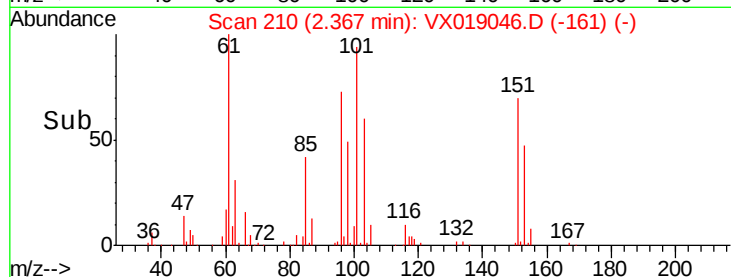
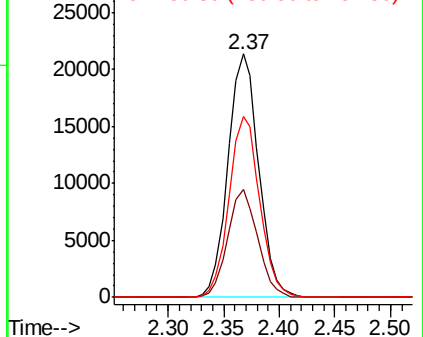
151 74.3 62.4 93.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.931 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

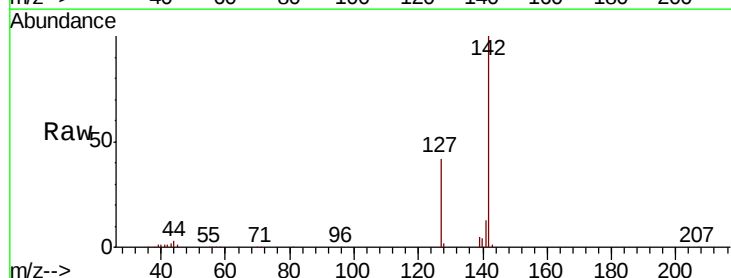
Tgt Ion:142 Resp: 39705

Ion Ratio Lower Upper

142 100

127 41.9 33.6 50.4

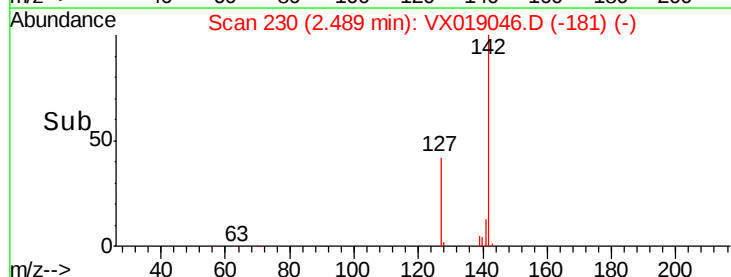
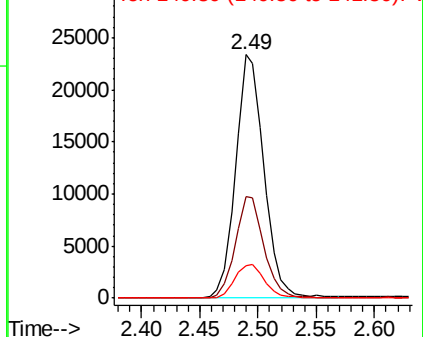
141 14.5 11.2 16.8

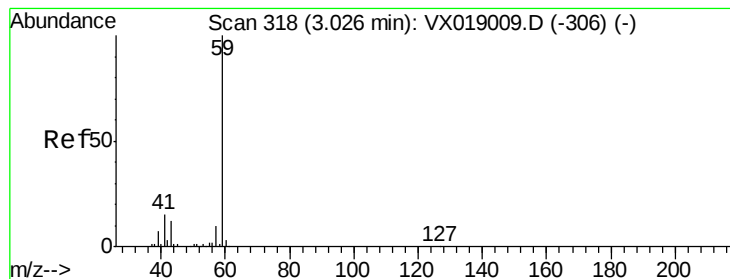


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 99.181 ug/l

RT: 3.03 min Scan# 319

Delta R.T. 0.01 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

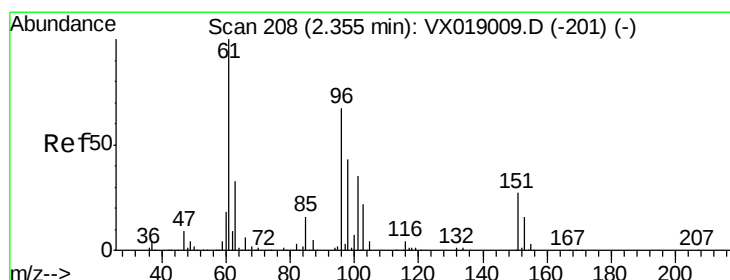
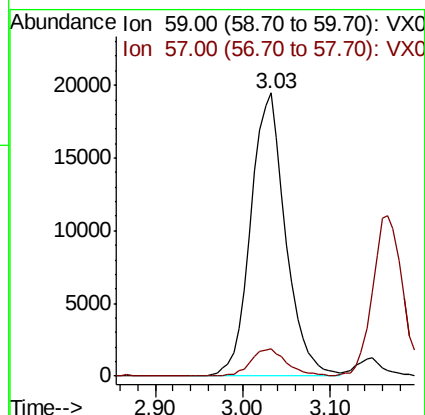
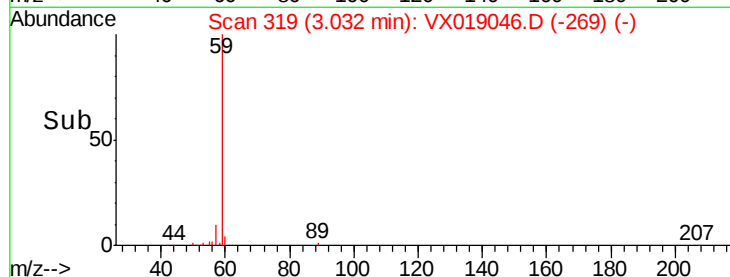
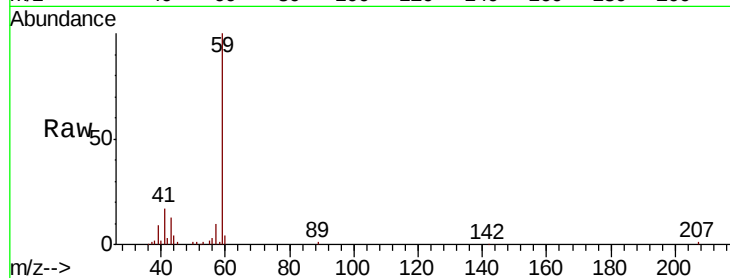
VX1022WBSD02

Tot Ion: 59 Resp: 53866

Ion Ratio Lower Upper

59 100

57 10.0 8.2 12.2



#12

1,1-Dichloroethene

Concen: 19.001 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

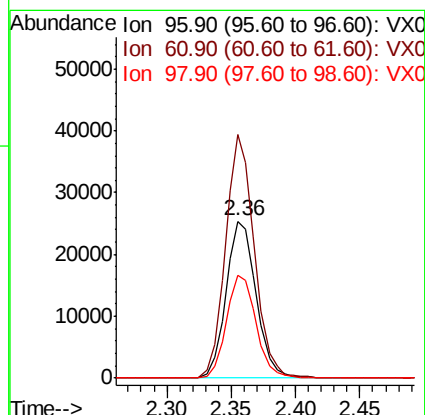
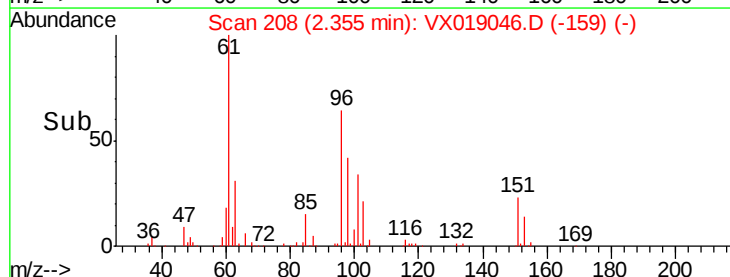
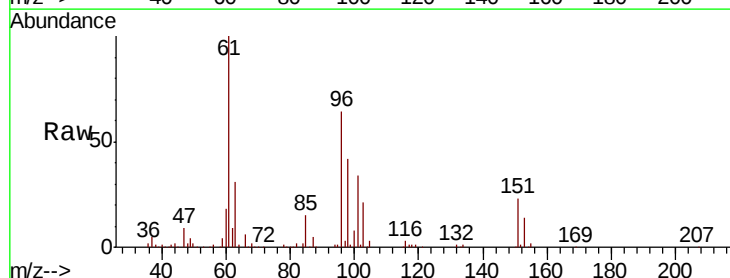
Tgt Ion: 96 Resp: 41403

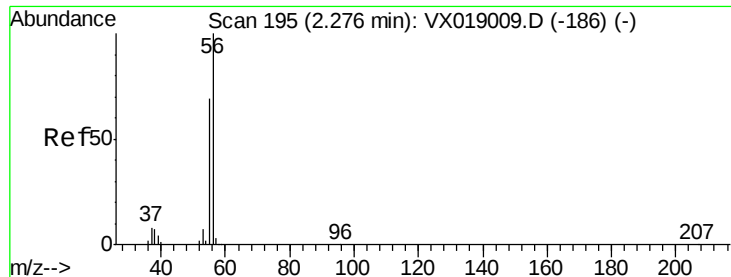
Ion Ratio Lower Upper

96 100

61 155.1 119.0 178.6

98 65.5 51.0 76.4





#13

Acrolein

Concen: 99.492 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

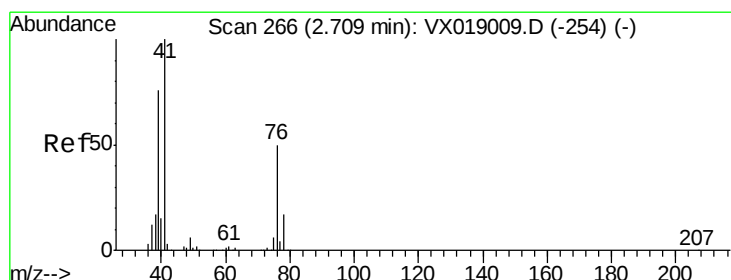
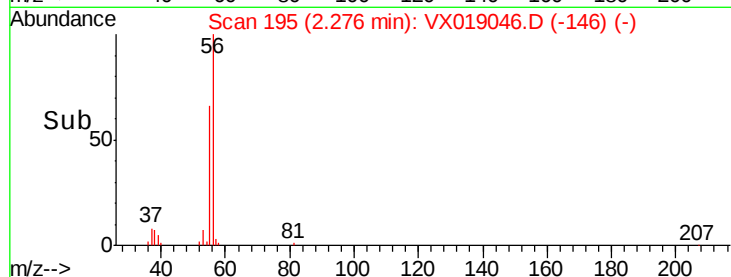
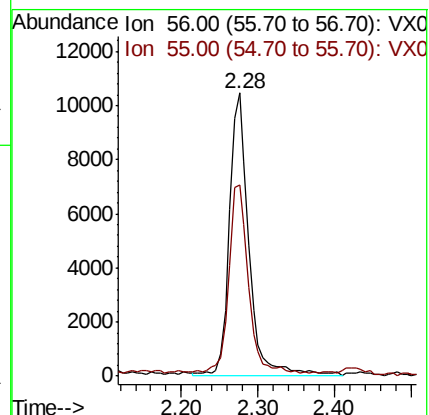
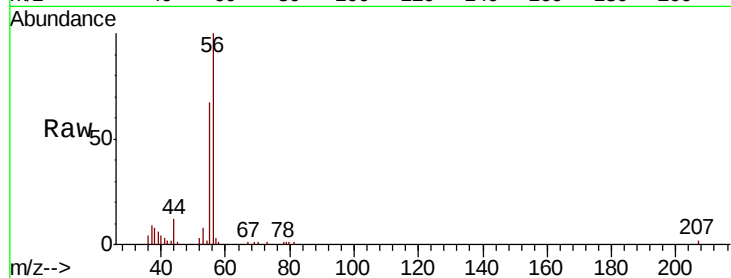
VX1022WBSD02

Tot Ion: 56 Resp: 18599

Ion Ratio Lower Upper

56 100

55 65.7 54.2 81.4



#14

Allyl chloride

Concen: 18.335 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

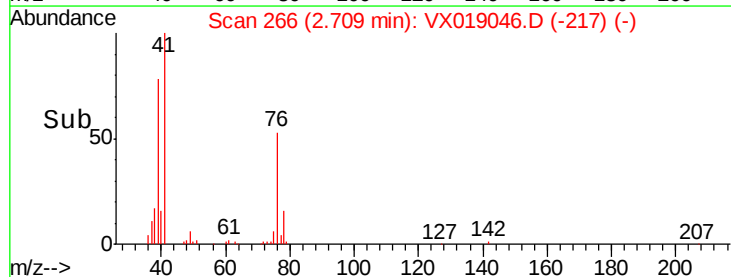
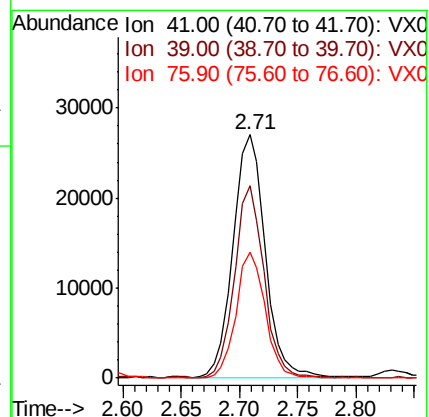
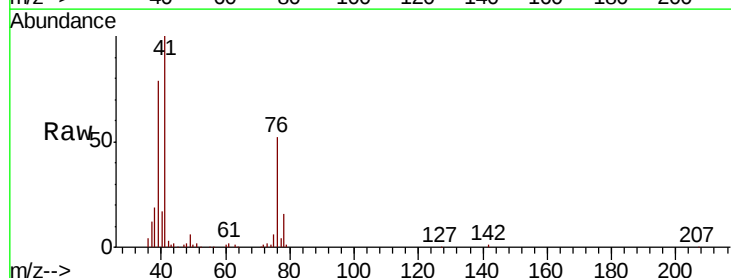
Tgt Ion: 41 Resp: 51684

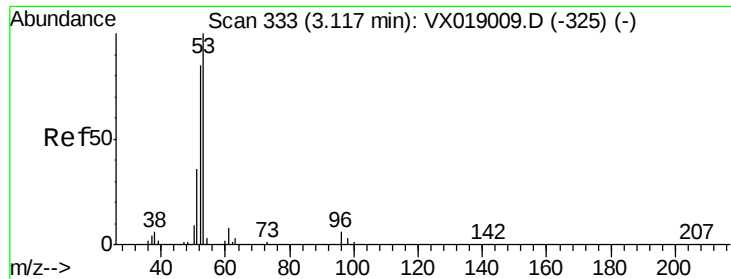
Ion Ratio Lower Upper

41 100

39 72.3 57.4 86.0

76 47.5 37.7 56.5





#15

Acrylonitrile

Concen: 96.465 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

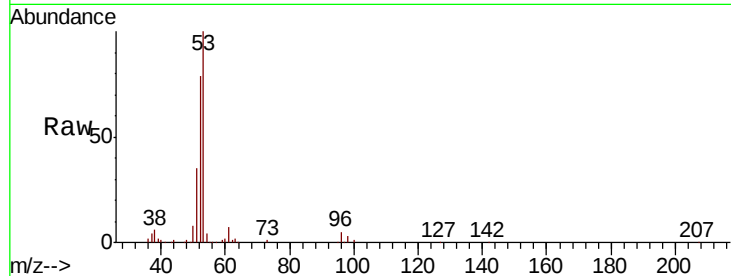
Tot Ion: 53 Resp: 101311

Ion Ratio Lower Upper

53 100

52 81.9 65.9 98.9

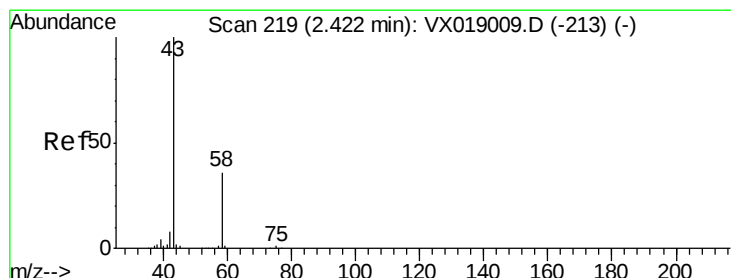
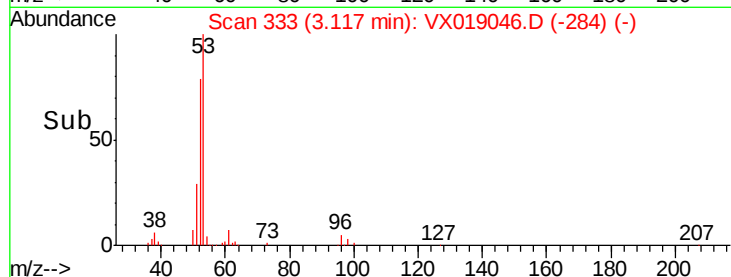
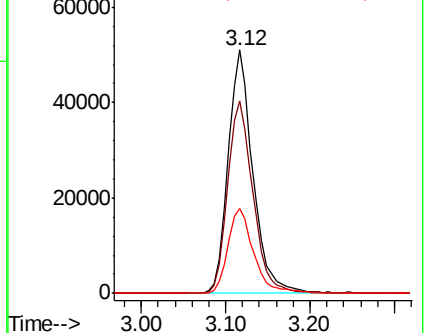
51 36.6 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 94.289 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019046.D

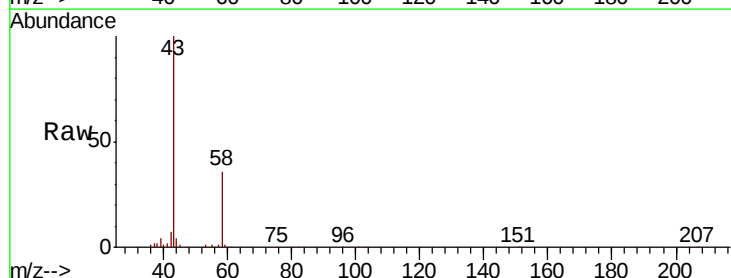
Acq: 22 Oct 2020 23:28

Tgt Ion: 43 Resp: 86121

Ion Ratio Lower Upper

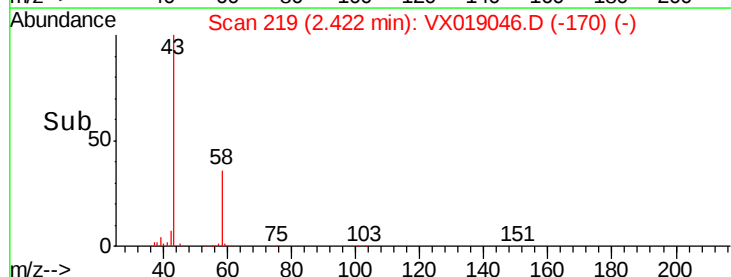
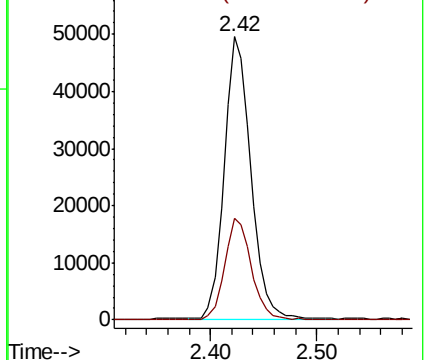
43 100

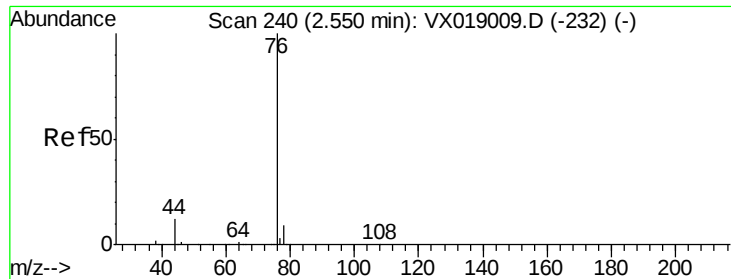
58 36.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.921 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

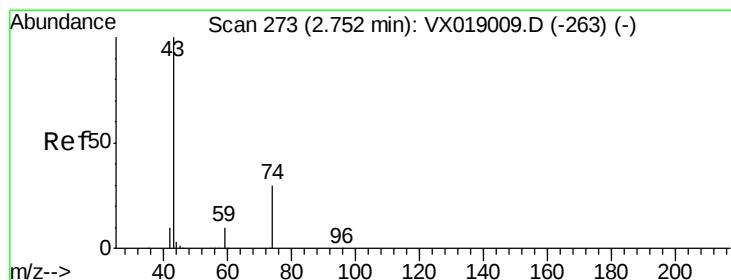
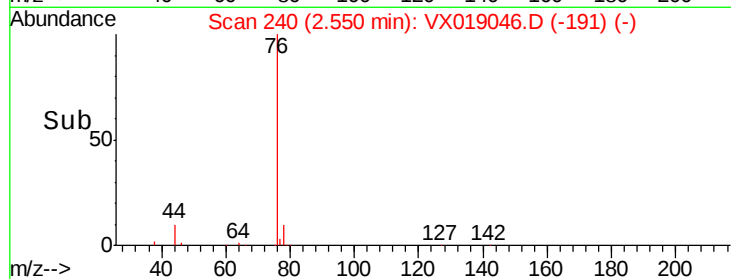
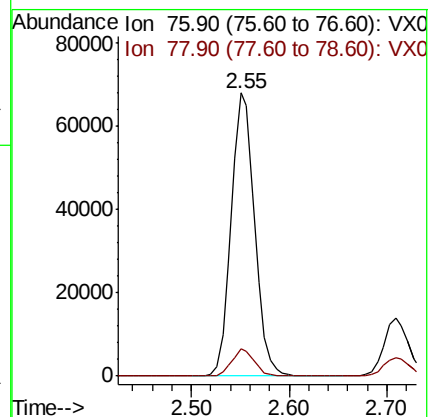
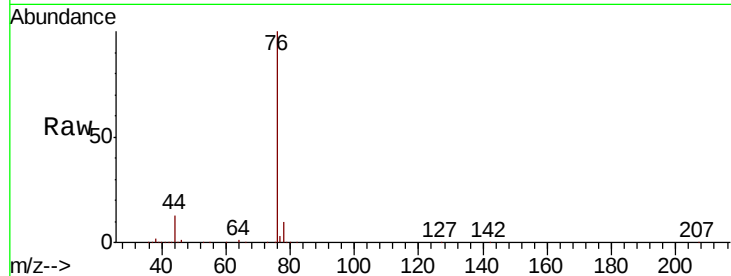
VX1022WBSD02

Tot Ion: 76 Resp: 112620

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7



#18

Methyl Acetate

Concen: 20.032 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX019046.D

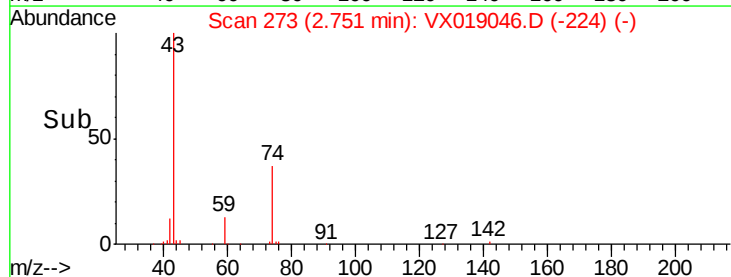
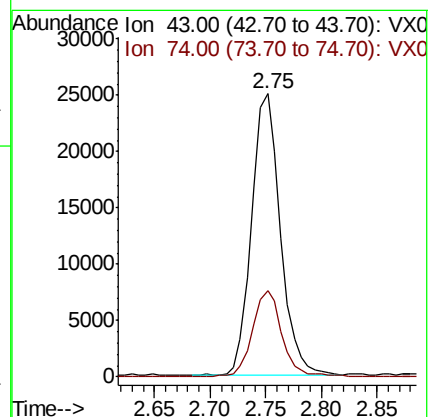
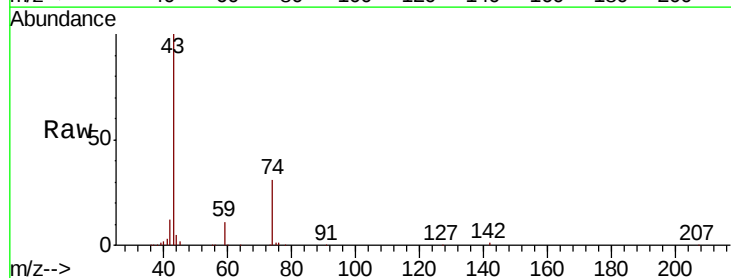
Acq: 22 Oct 2020 23:28

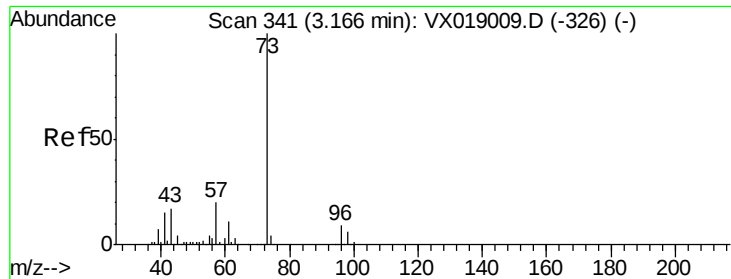
Tgt Ion: 43 Resp: 45402

Ion Ratio Lower Upper

43 100

74 31.3 24.9 37.3



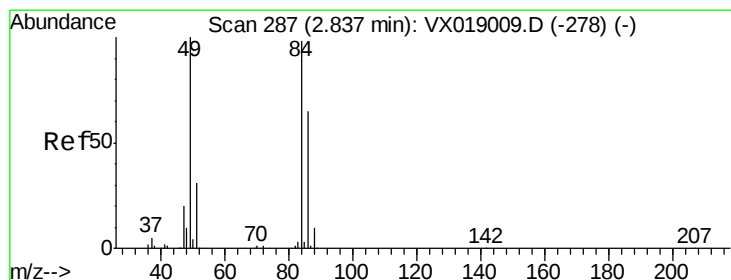
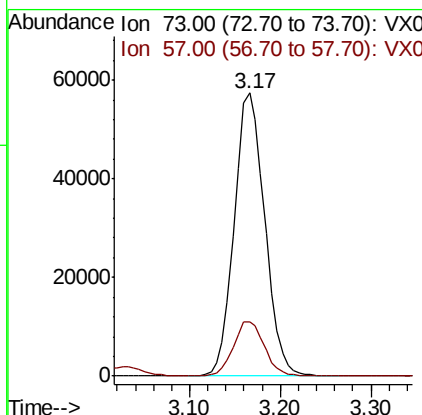
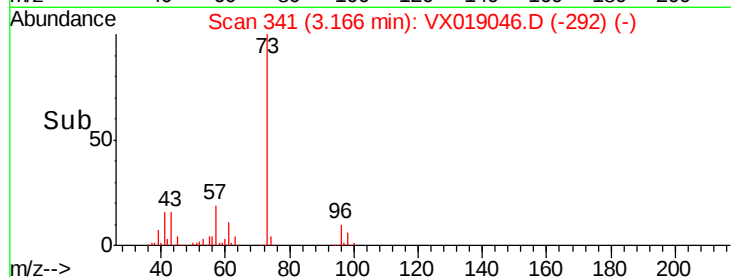
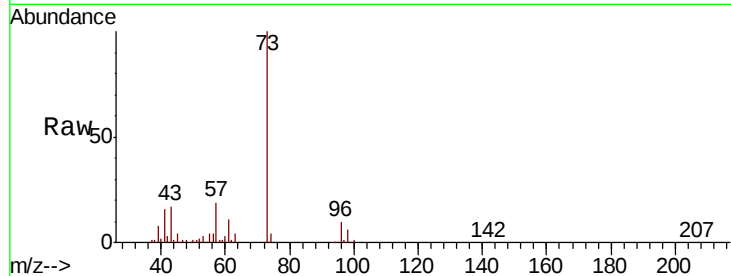


#19

Methyl tert-butyl Ether
 Concen: 19.447 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

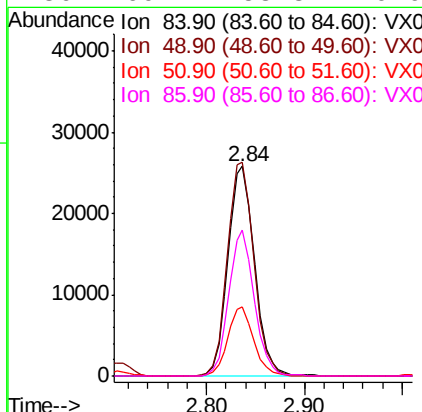
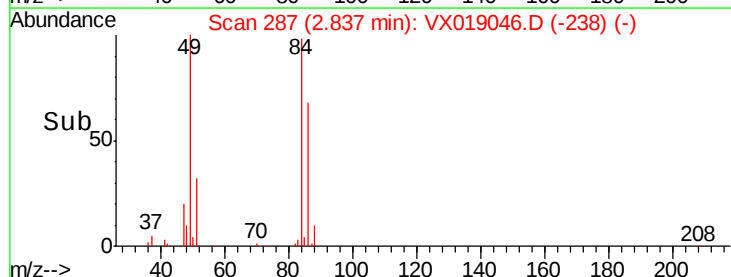
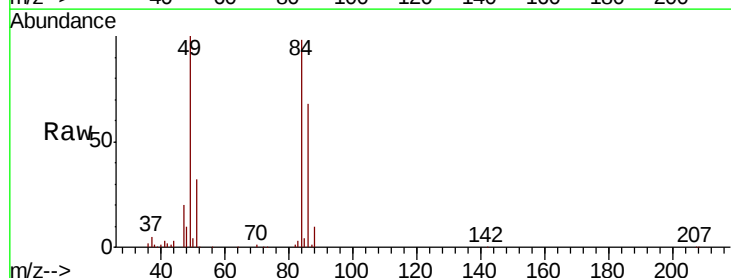
Tot Ion: 73 Resp: 134227
 Ion Ratio Lower Upper
 73 100
 57 19.2 16.2 24.2

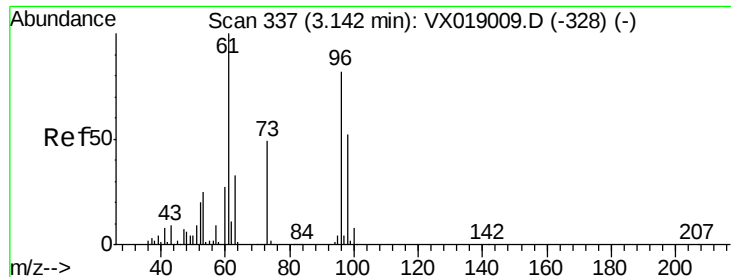


#20

Methylene Chloride
 Concen: 19.122 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion: 84 Resp: 48623
 Ion Ratio Lower Upper
 84 100
 49 102.0 81.6 122.4
 51 32.8 25.6 38.4
 86 69.4 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 19.158 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

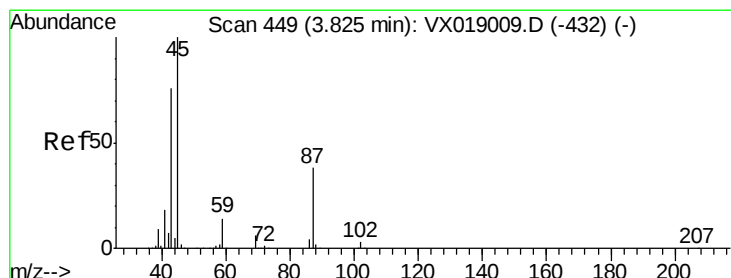
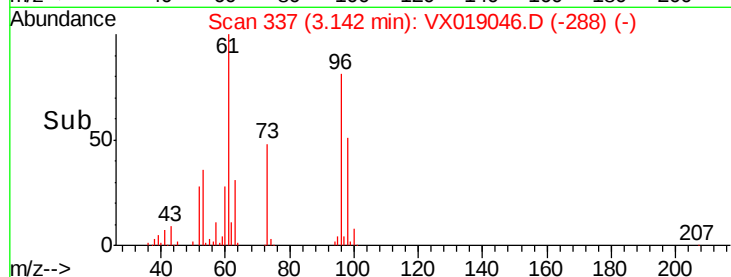
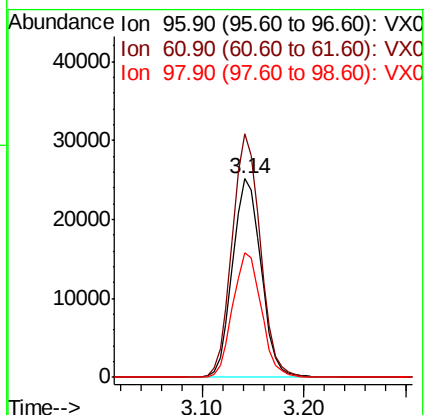
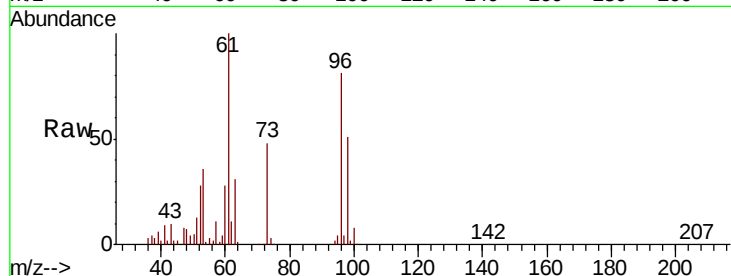
Tot Ion: 96 Resp: 48711

Ion Ratio Lower Upper

96 100

61 122.8 97.8 146.6

98 62.7 50.7 76.1



#22

Diisopropyl ether

Concen: 19.404 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Tgt Ion: 45 Resp: 107859

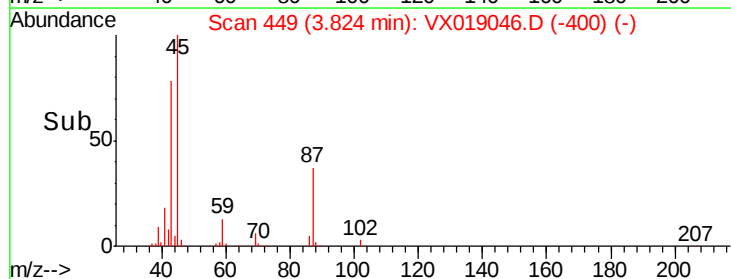
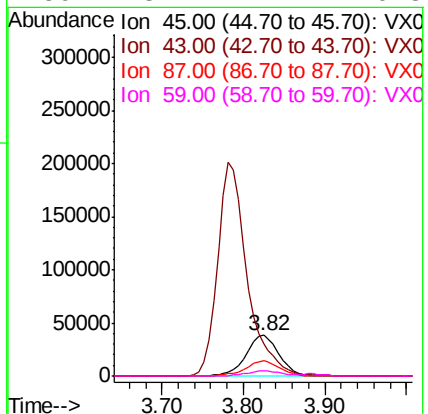
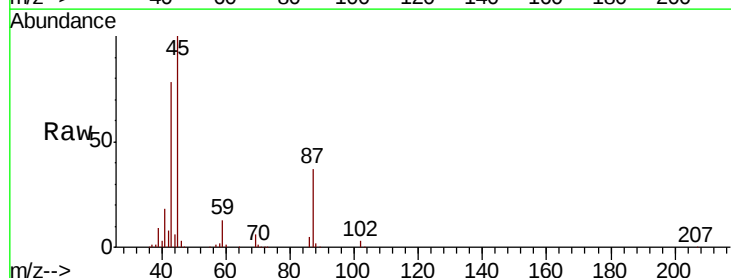
Ion Ratio Lower Upper

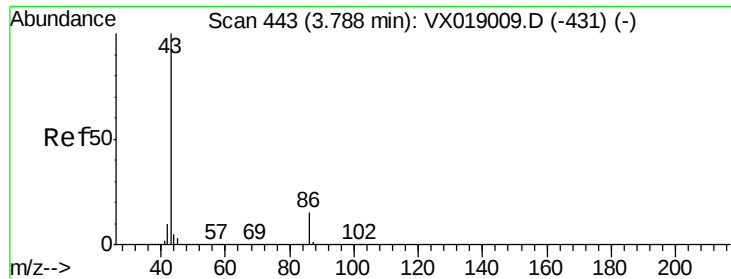
45 100

43 77.7 60.4 90.6

87 37.2 30.4 45.6

59 13.2 11.2 16.8





#23

Vinyl Acetate

Concen: 96.117 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

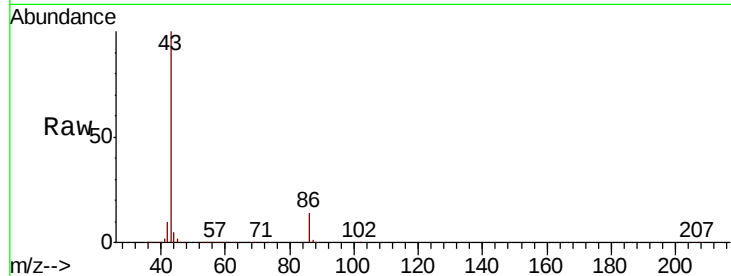
VX1022WBSD02

Tot Ion: 43 Resp: 507308

Ion Ratio Lower Upper

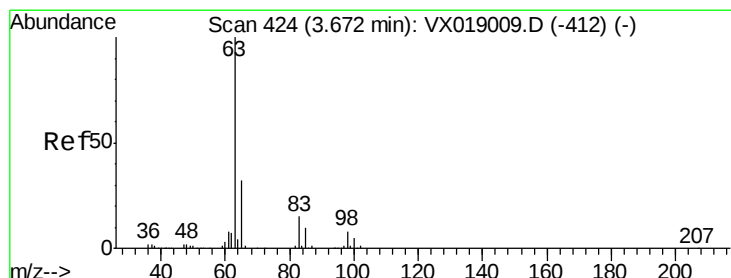
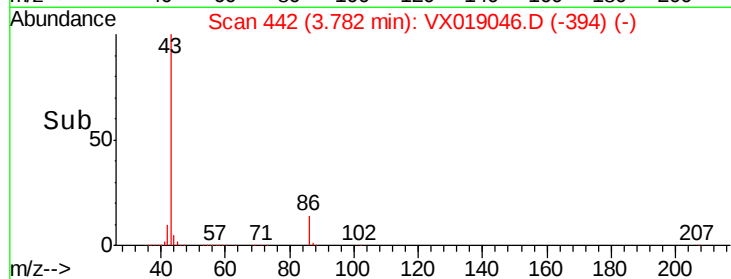
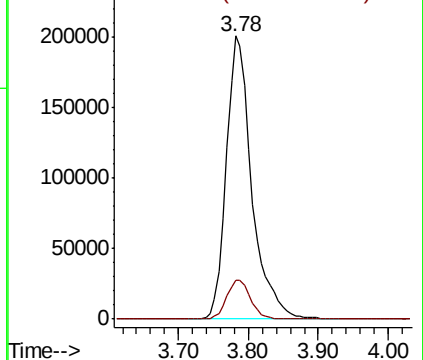
43 100

86 13.9 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.560 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

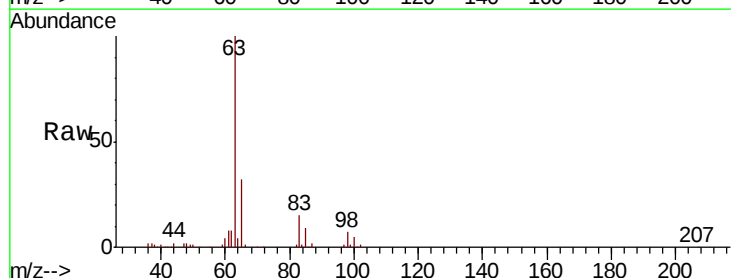
Tgt Ion: 63 Resp: 79178

Ion Ratio Lower Upper

63 100

98 7.2 4.0 12.0

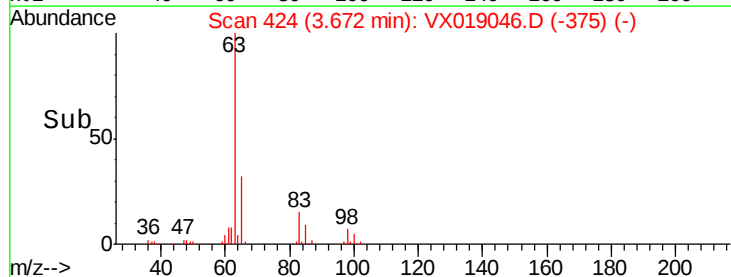
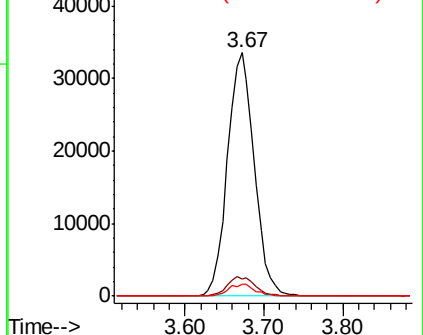
100 5.1 2.5 7.4

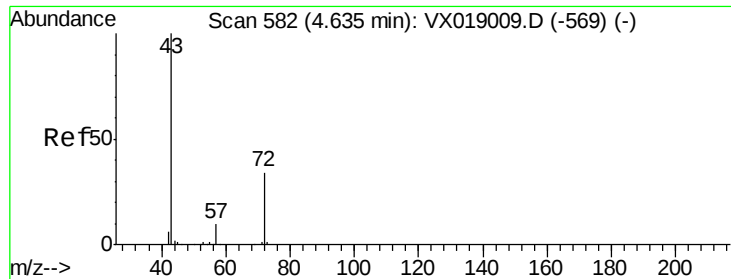


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.860 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

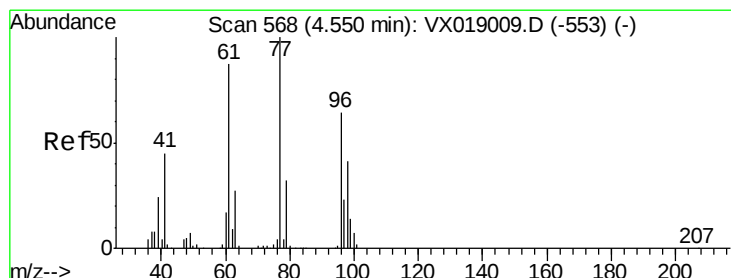
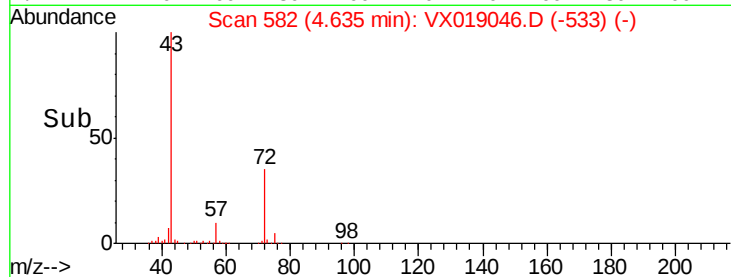
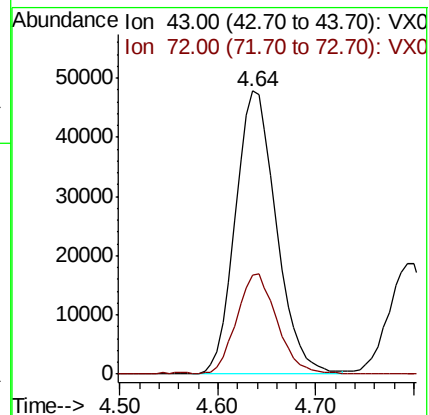
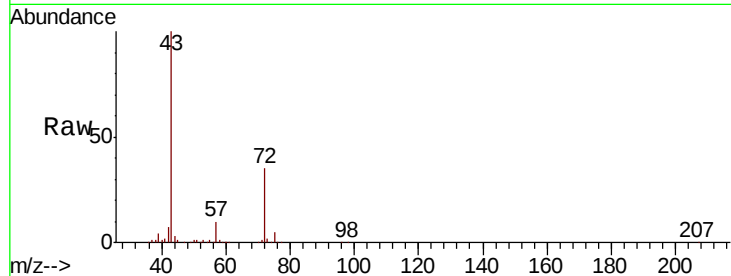
VX1022WBSD02

Tot Ion: 43 Resp: 138346

Ion Ratio Lower Upper

43 100

72 34.8 27.8 41.6



#26

2,2-Dichloropropane

Concen: 16.402 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019046.D

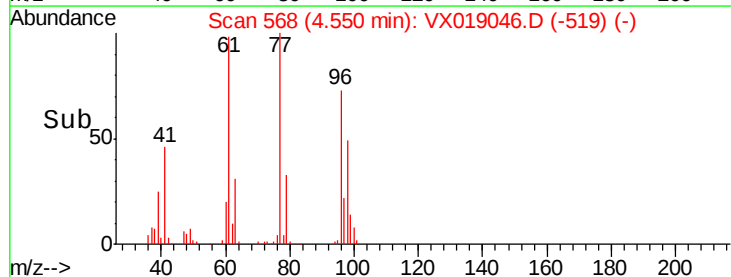
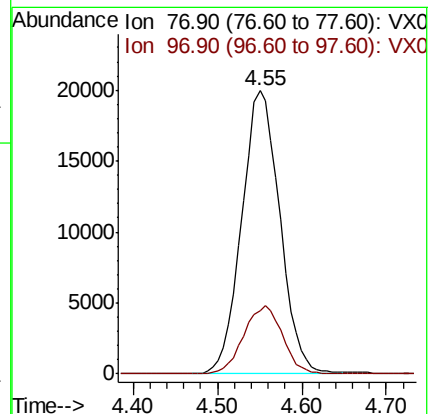
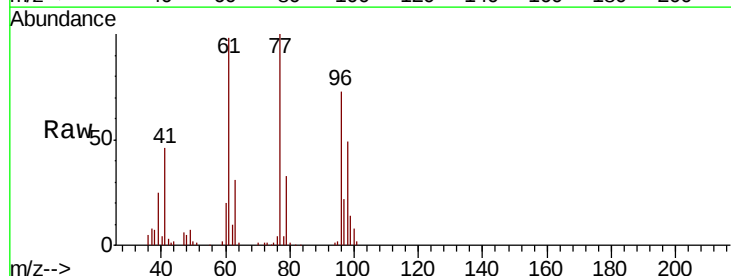
Acq: 22 Oct 2020 23:28

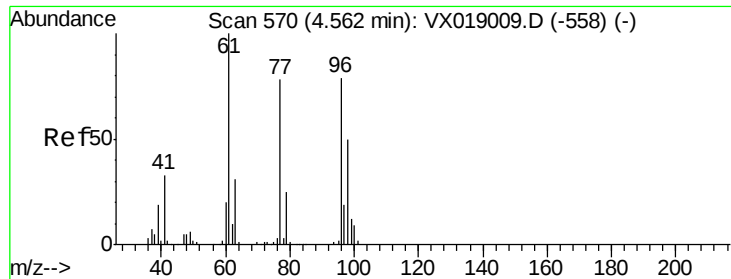
Tgt Ion: 77 Resp: 61304

Ion Ratio Lower Upper

77 100

97 24.4 11.9 35.7



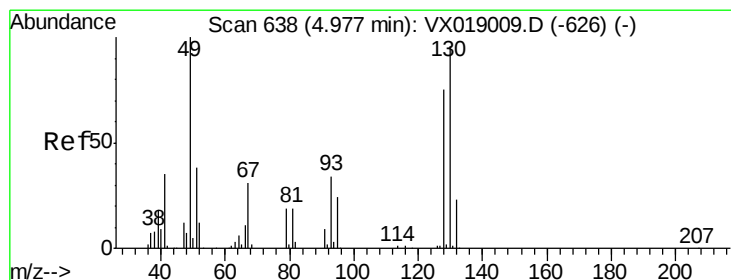
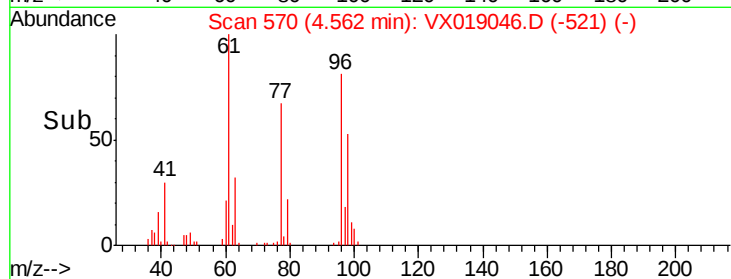
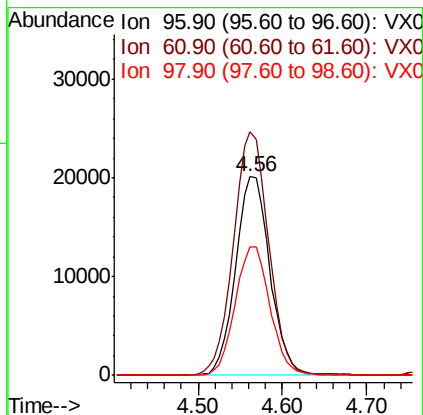
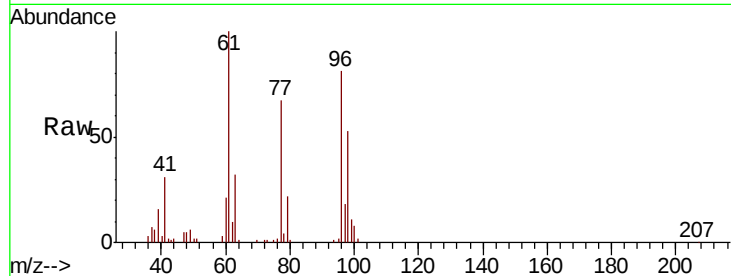


#27

cis-1,2-Dichloroethene
 Concen: 19.222 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

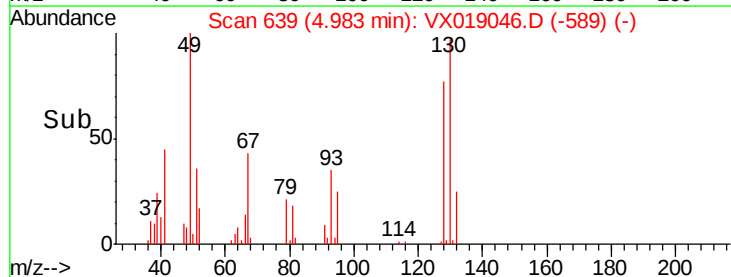
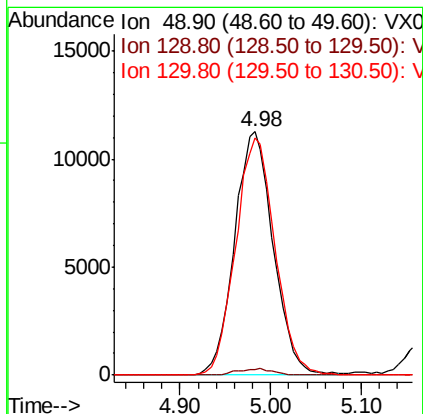
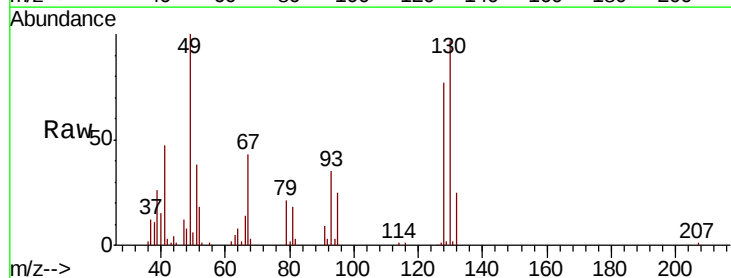
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.9	0.0	260.0
98	65.5	0.0	131.4

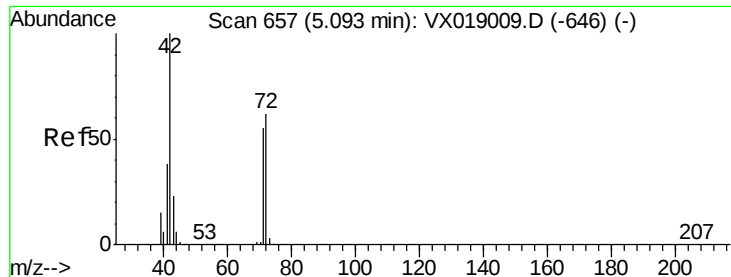


#28

Bromochloromethane
 Concen: 19.416 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.2
130	99.0	79.0	118.6

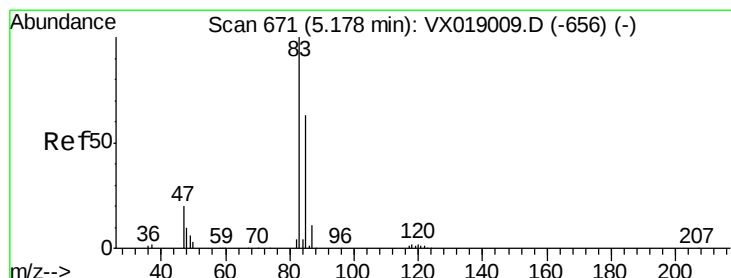
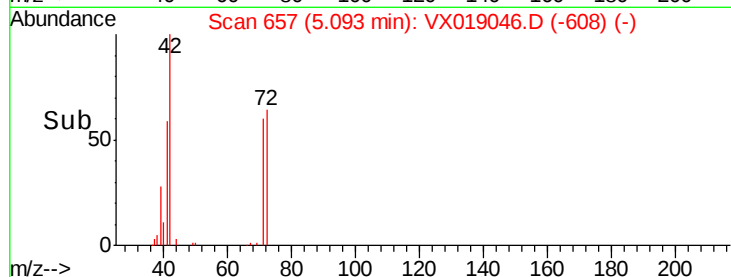
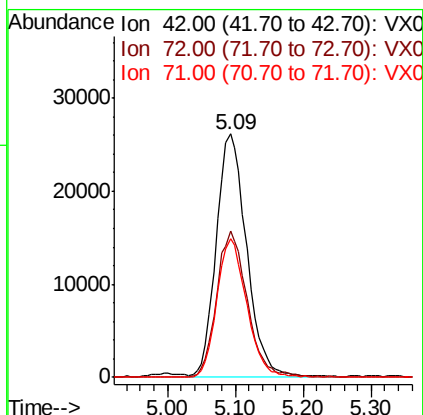
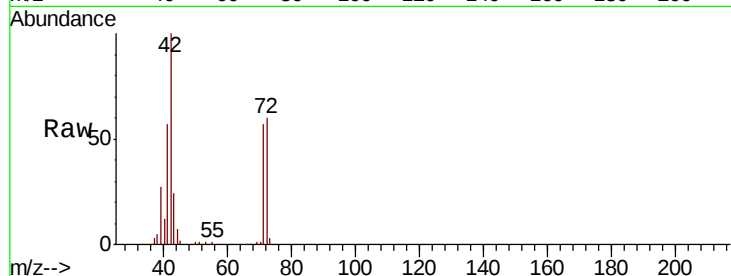




#29
Tetrahydrofuran
Concen: 93.190 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

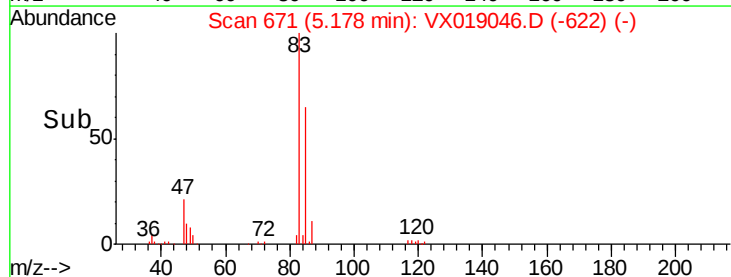
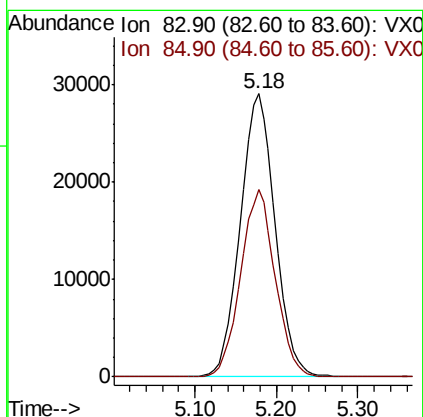
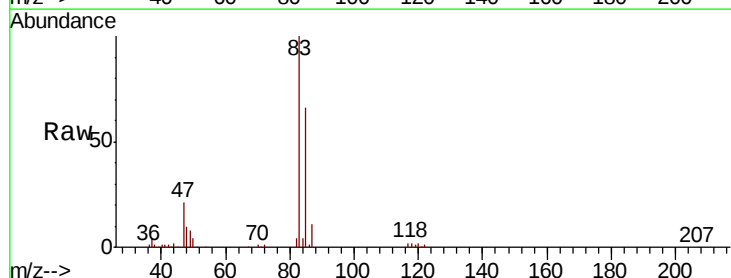
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

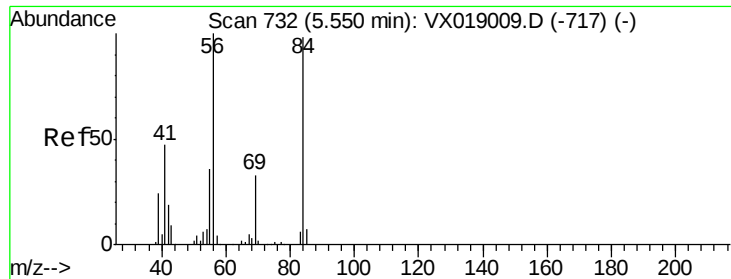
Tot Ion: 42 Resp: 80386
Ion Ratio Lower Upper
42 100
72 61.4 49.1 73.7
71 56.3 44.2 66.4



#30
Chloroform
Concen: 19.559 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion: 83 Resp: 85957
Ion Ratio Lower Upper
83 100
85 66.3 50.5 75.7

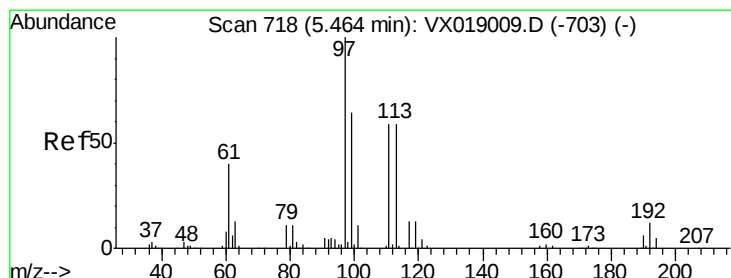
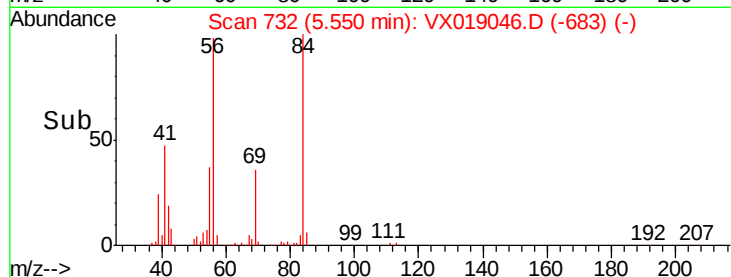
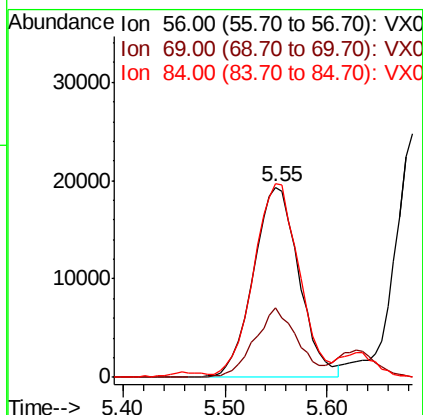
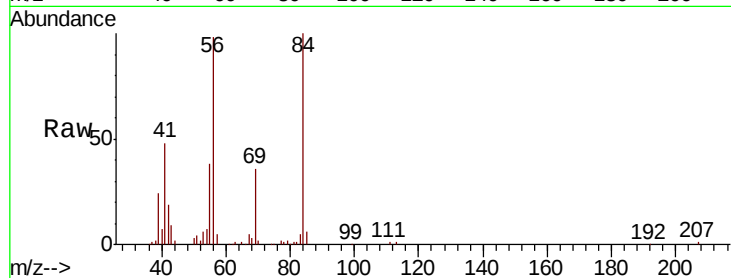




#31
Cyclohexane
Concen: 19.108 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

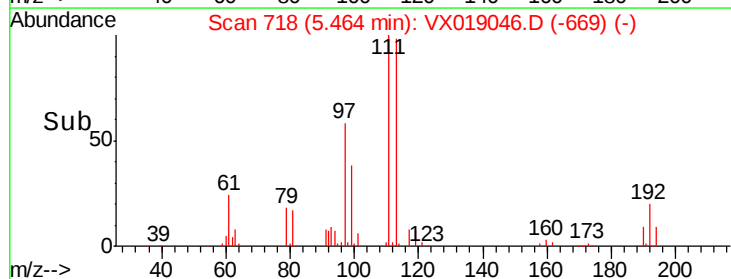
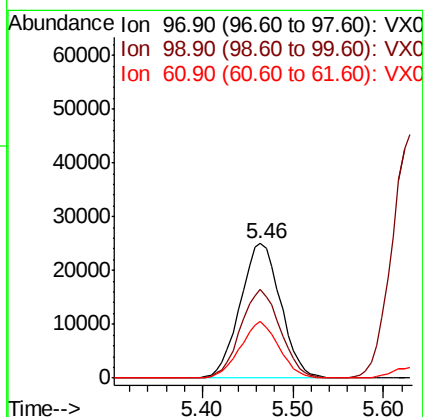
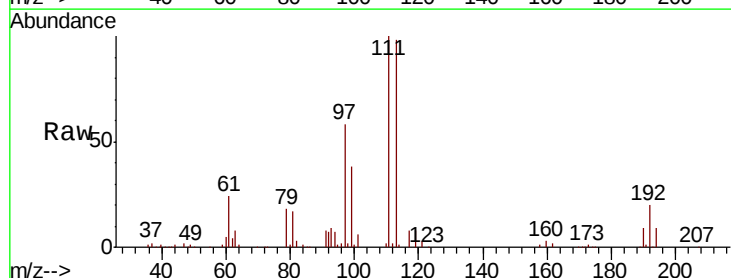
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

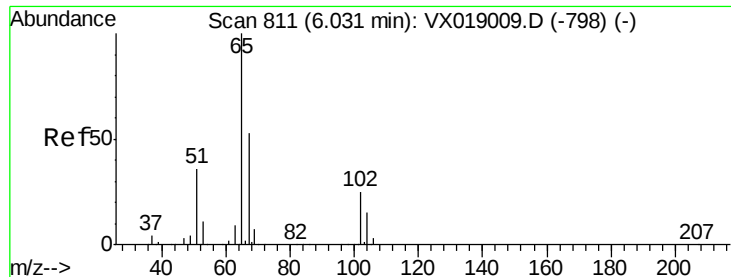
Tot Ion: 56 Resp: 60004
Ion Ratio Lower Upper
56 100
69 36.3 26.2 39.2
84 99.6 78.3 117.5



#32
1,1,1-Trichloroethane
Concen: 19.446 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion: 97 Resp: 77509
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 40.4 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 51.684 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

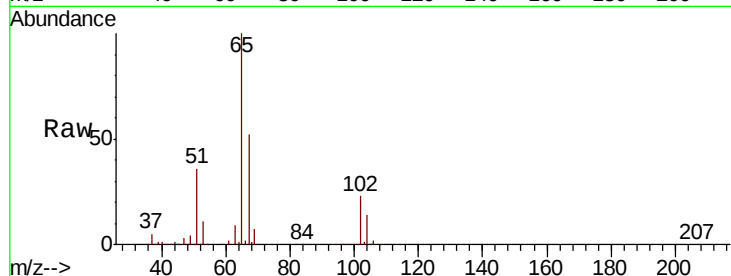
VX1022WBSD02

Tot Ion: 65 Resp: 138595

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

50000

40000

30000

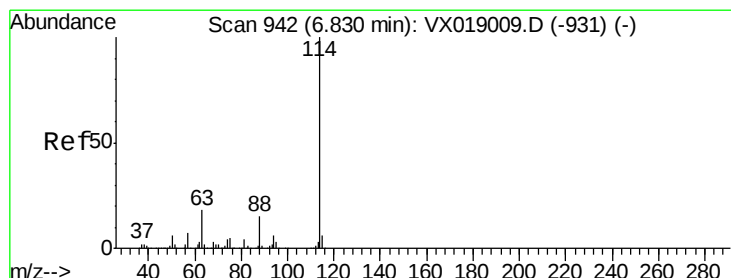
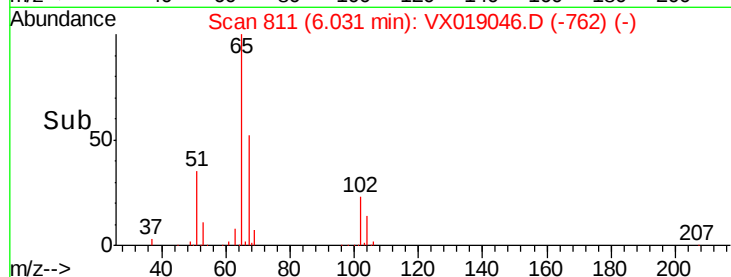
20000

10000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

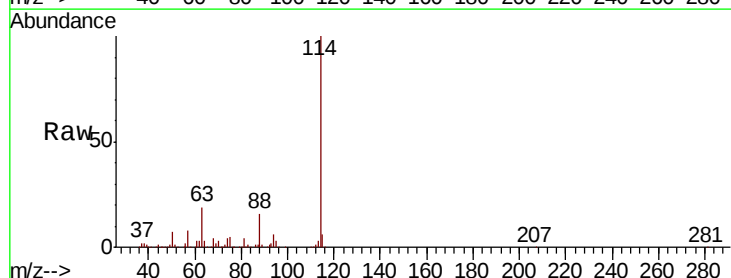
Tgt Ion: 114 Resp: 382868

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

88 15.5 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

200000

150000

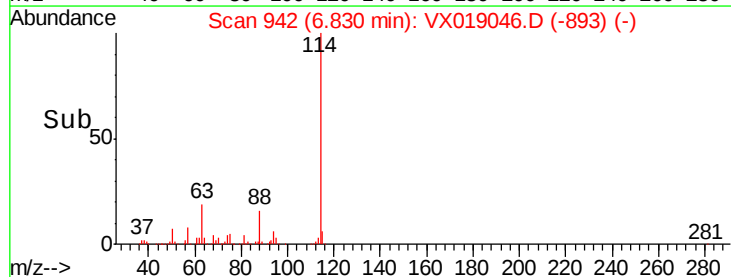
100000

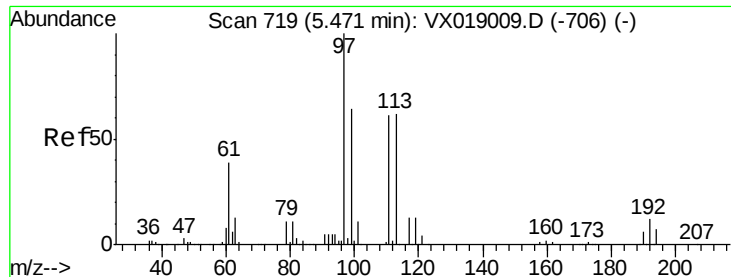
50000

0

Time-->

6.70 6.80 6.90 7.00

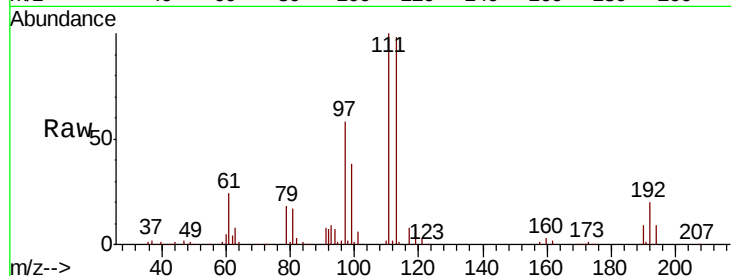




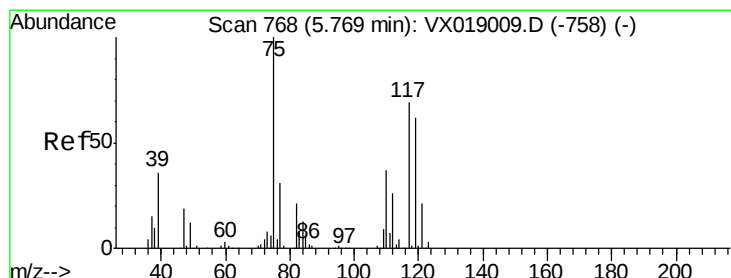
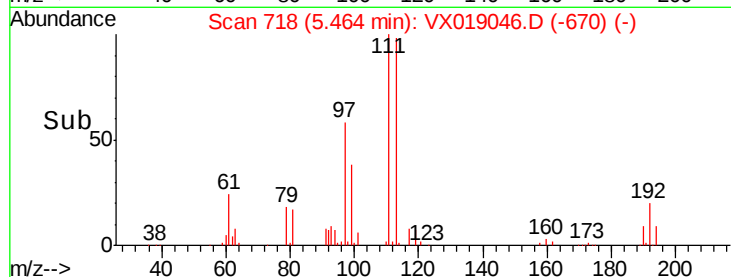
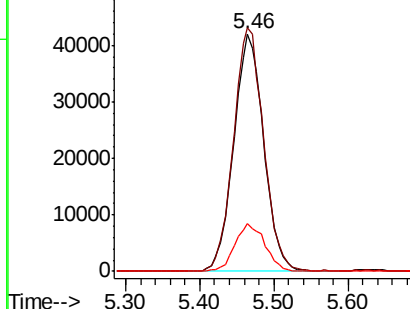
#35
 Dibromofluoromethane
 Concen: 48.876 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

Tot Ion:113 Resp: 118479
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.5 122.3
 192 20.1 16.3 24.5

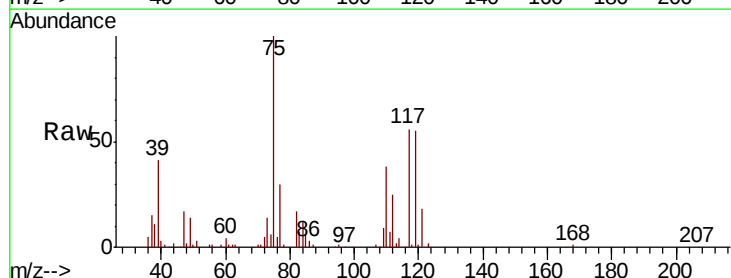


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

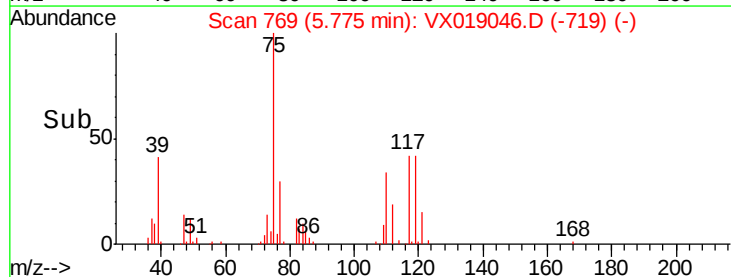
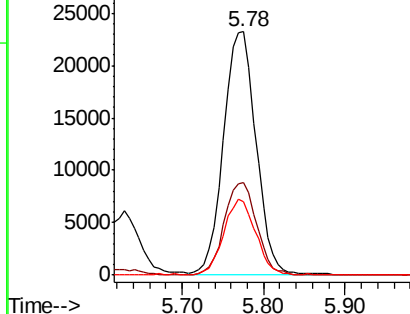


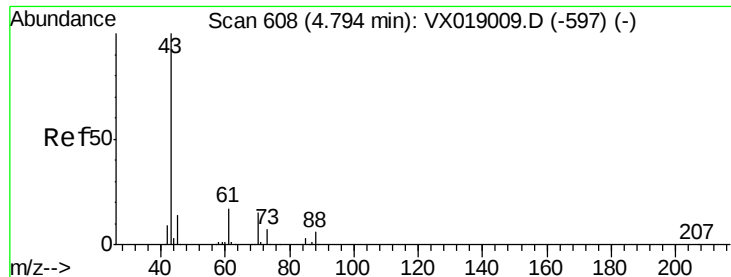
#36
 1,1-Dichloropropene
 Concen: 18.722 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion: 75 Resp: 64319
 Ion Ratio Lower Upper
 75 100
 110 37.7 19.4 58.2
 77 30.4 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

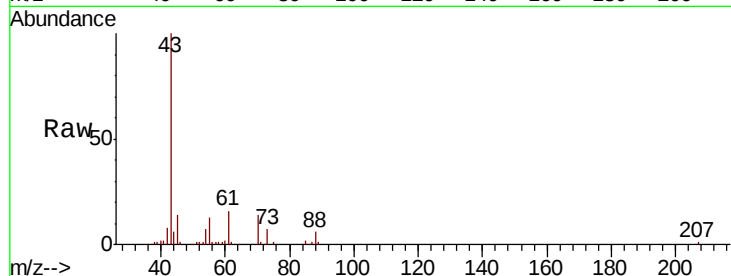




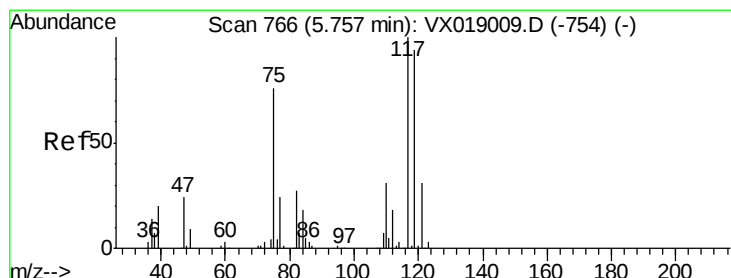
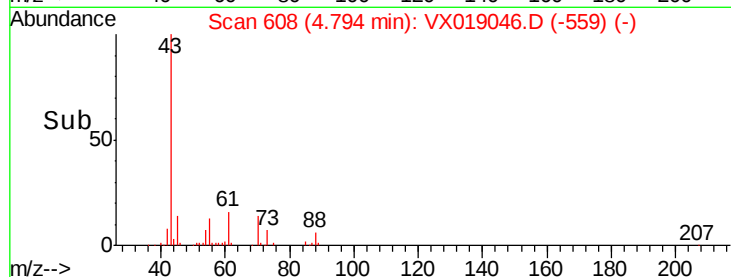
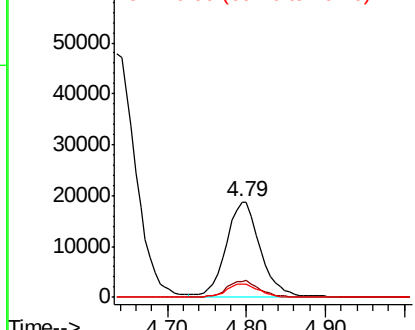
#37
Ethyl Acetate
Concen: 19.002 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

Tot Ion: 43 Resp: 55719
Ion Ratio Lower Upper
43 100
61 16.8 13.8 20.8
70 14.2 11.4 17.2

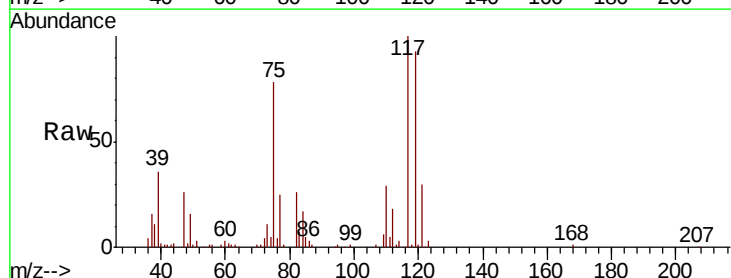


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

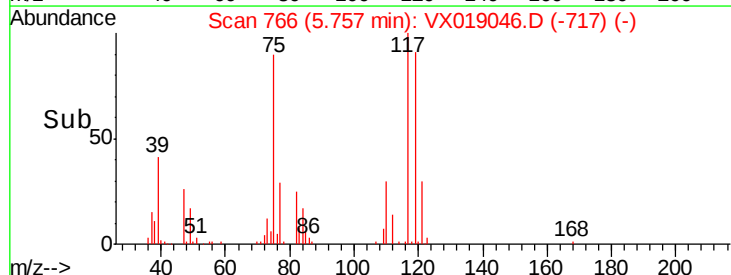
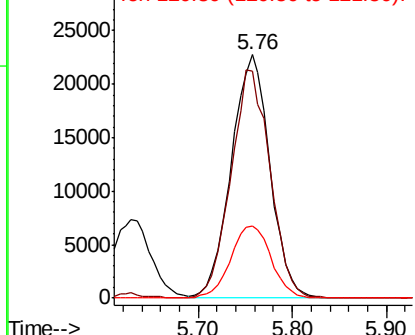


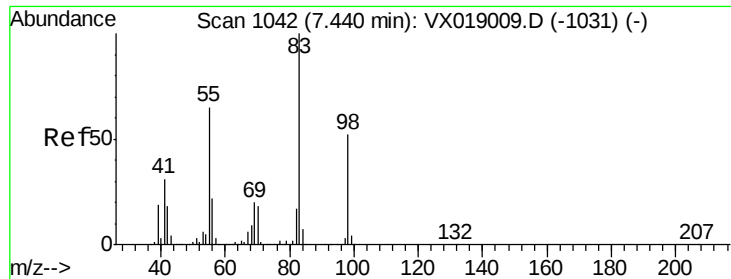
#38
Carbon Tetrachloride
Concen: 18.061 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion: 117 Resp: 65127
Ion Ratio Lower Upper
117 100
119 93.2 75.4 113.0
121 29.8 25.0 37.6



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

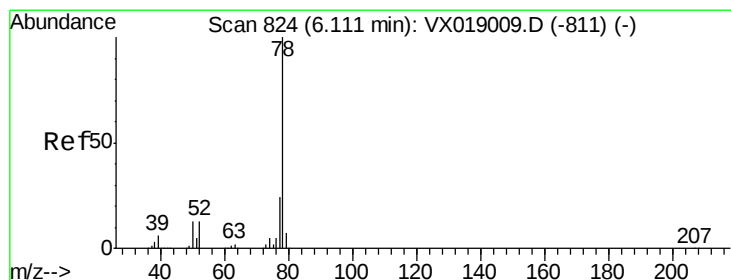
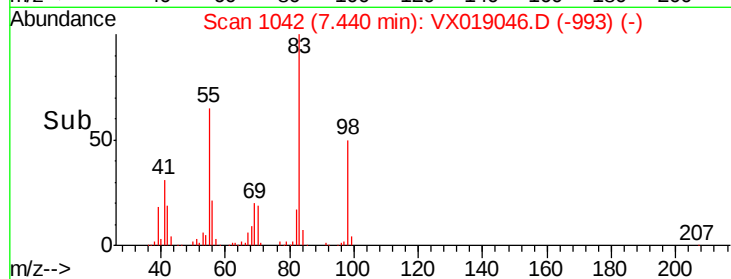
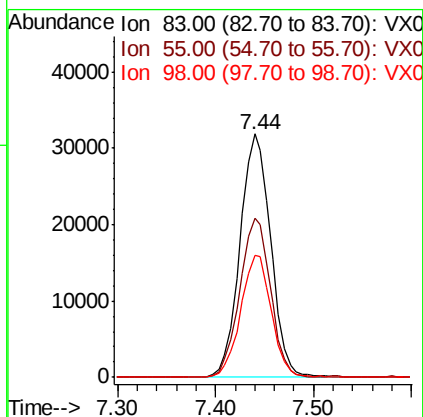
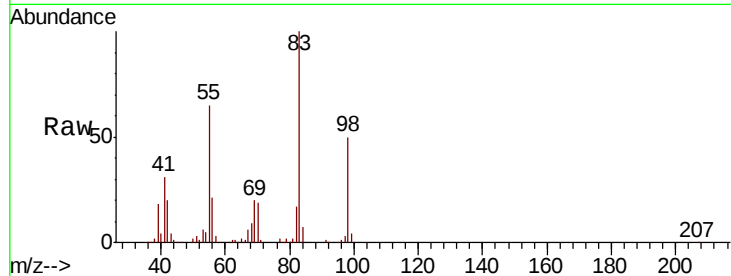




#39
Methvlcvclohexane
Concen: 18.027 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

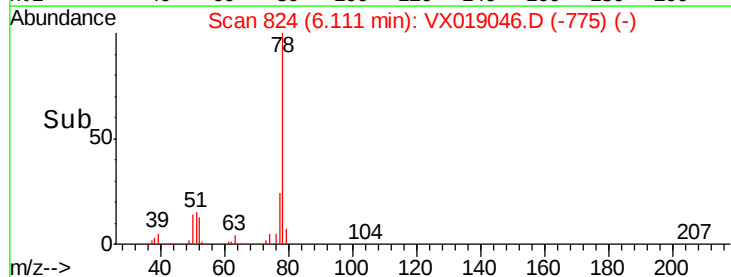
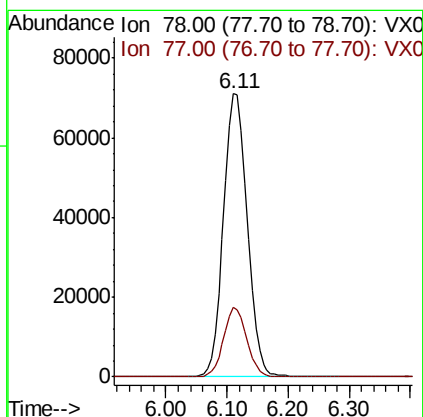
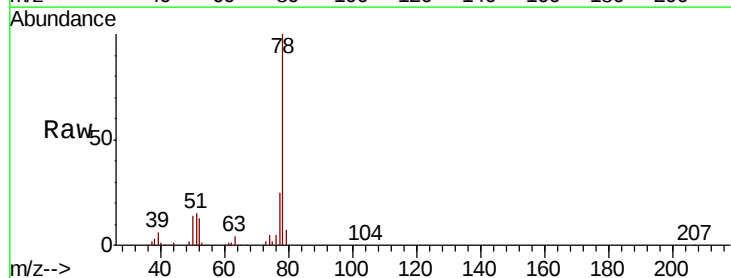
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

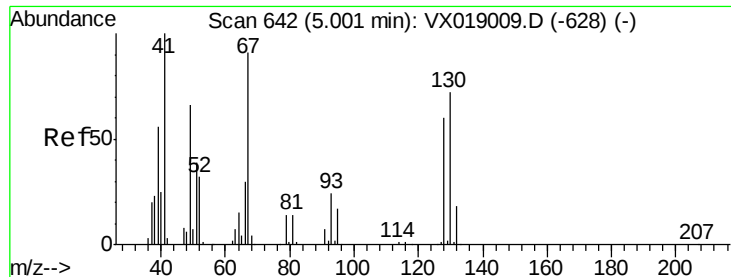
Tot Ion: 83 Resp: 69384
Ion Ratio Lower Upper
83 100
55 65.0 51.8 77.6
98 50.1 41.4 62.2



#40
Benzene
Concen: 18.906 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion: 78 Resp: 191289
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9

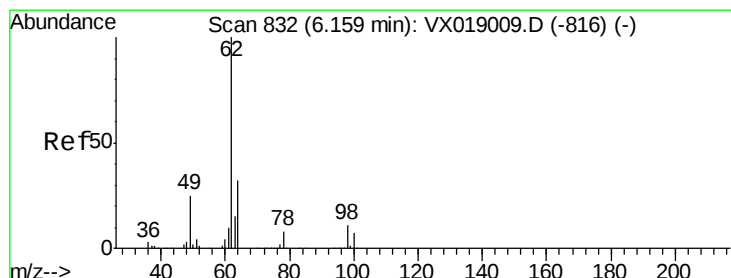
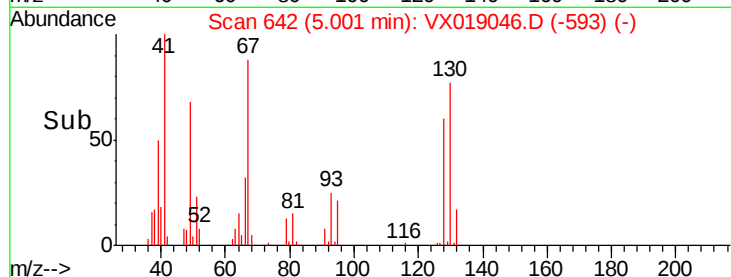
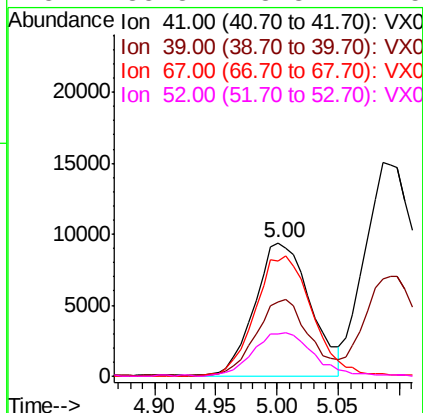
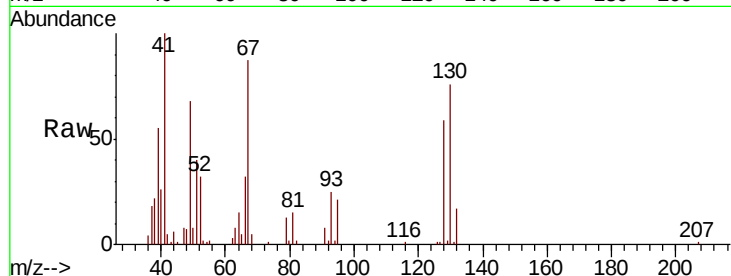




#41
Methacrylonitrile
Concen: 18.904 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

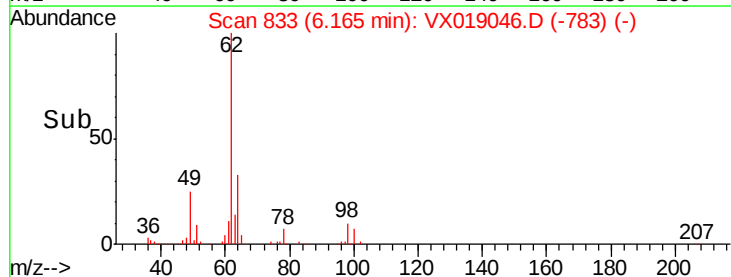
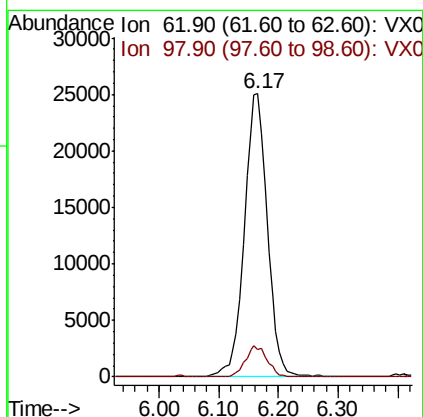
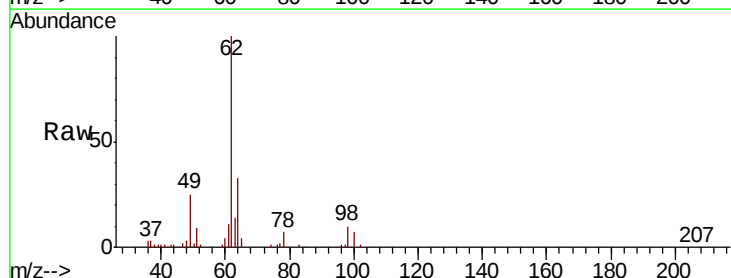
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

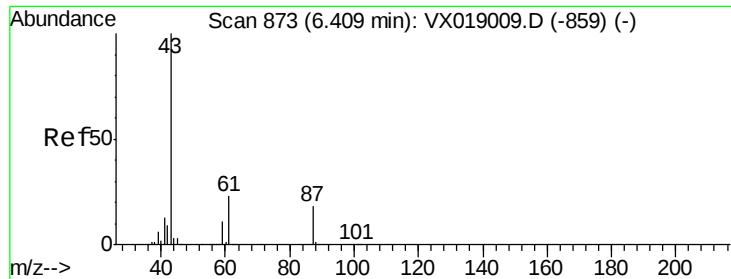
Tot Ion: 41 Resp: 29775
Ion Ratio Lower Upper
41 100
39 55.6 44.6 67.0
67 92.7 76.1 114.1
52 35.8 28.3 42.5



#42
1,2-Dichloroethane
Concen: 19.532 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion: 62 Resp: 67444
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.8



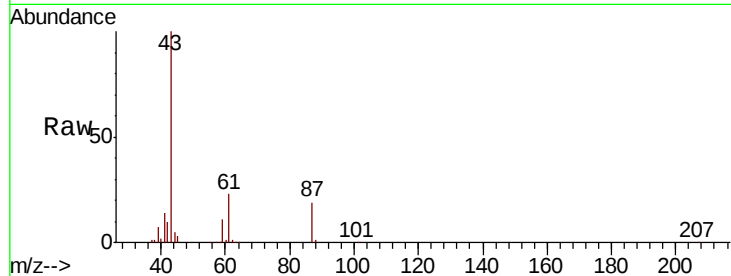


#43

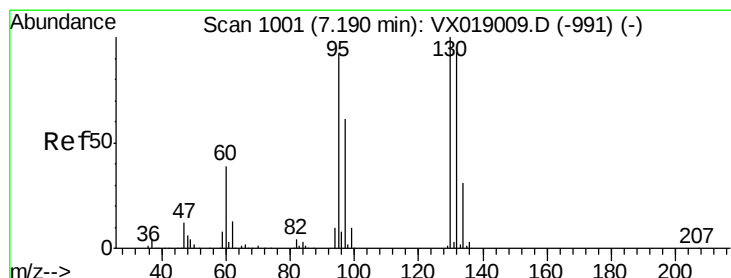
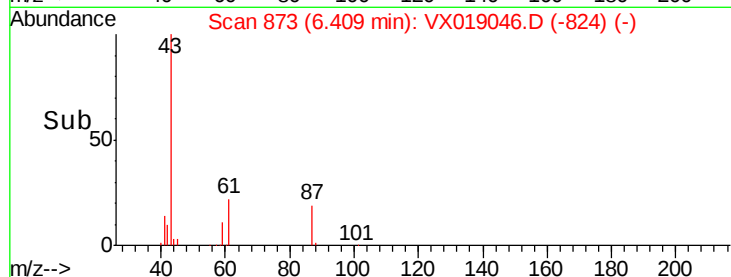
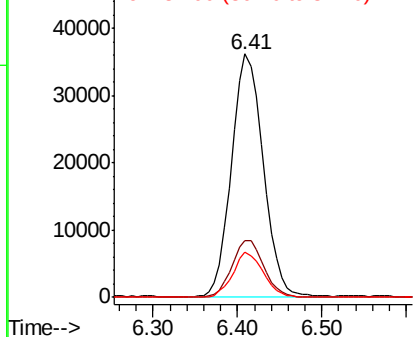
Isopropyl Acetate
 Concen: 18.449 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

Tot Ion: 43 Resp: 91618
 Ion Ratio Lower Upper
 43 100
 61 23.6 18.7 28.1
 87 17.9 14.2 21.4



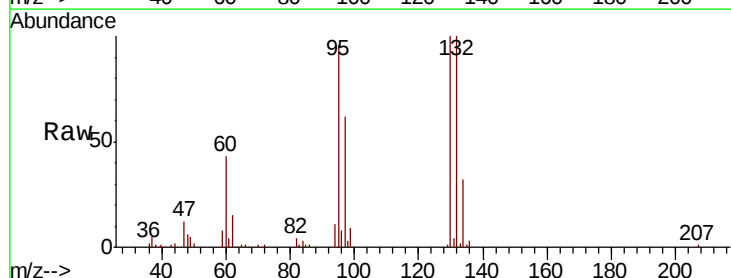
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



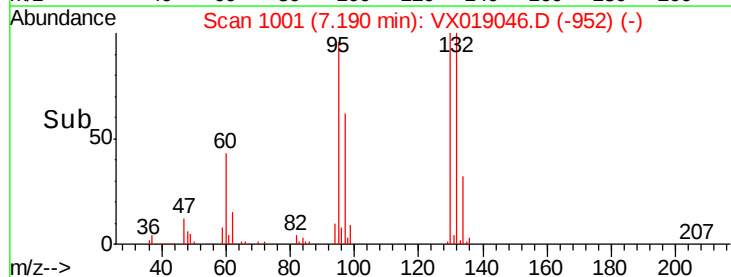
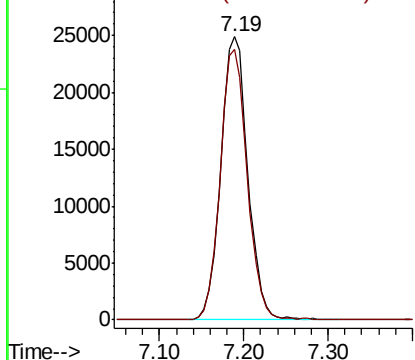
#44

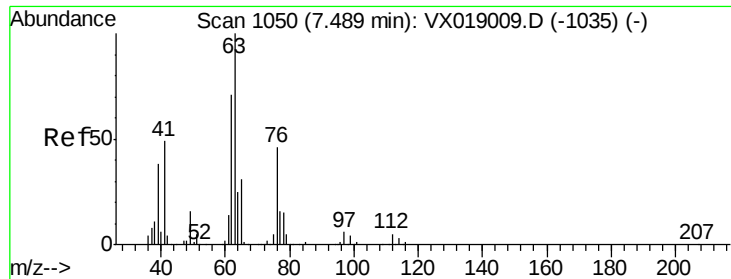
Trichloroethene
 Concen: 18.566 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion: 130 Resp: 54782
 Ion Ratio Lower Upper
 130 100
 95 95.8 0.0 184.2



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





#45

1,2-Dichloropropane

Concen: 19.033 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

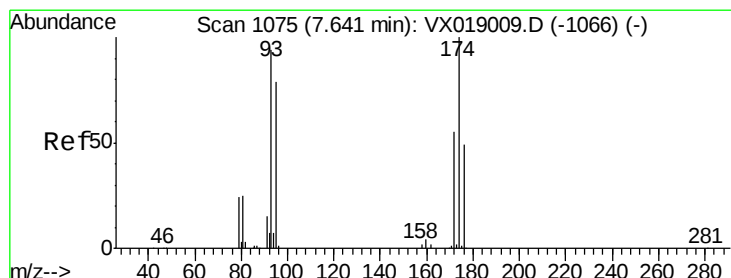
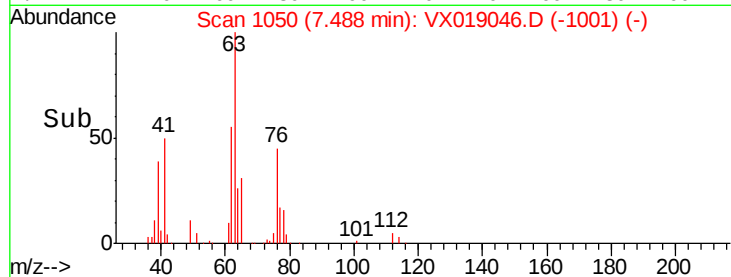
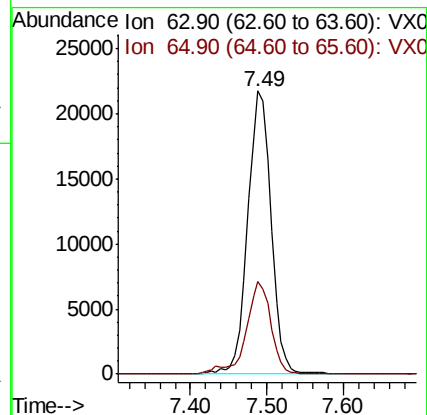
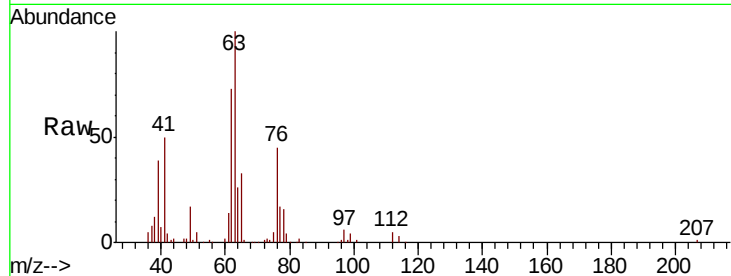
VX1022WBSD02

Tot Ion: 63 Resp: 46192

Ion Ratio Lower Upper

63 100

65 32.8 24.9 37.3



#46

Dibromomethane

Concen: 18.594 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

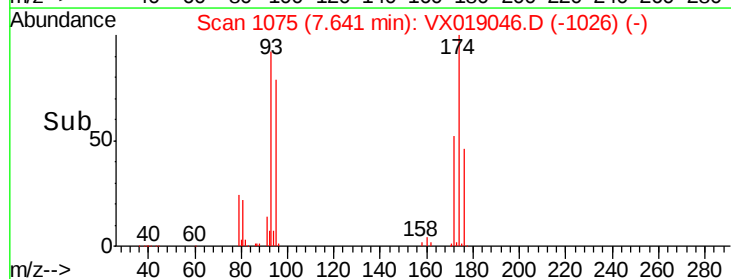
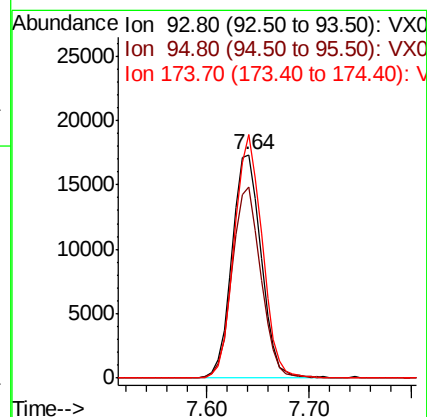
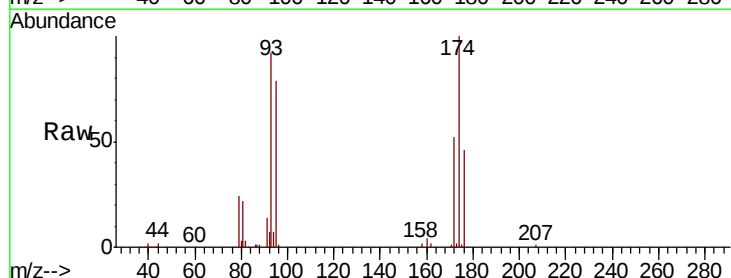
Tgt Ion: 93 Resp: 34371

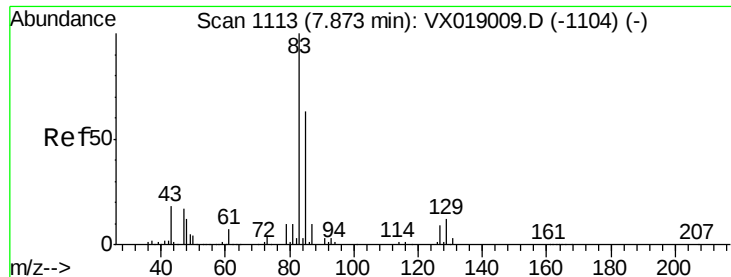
Ion Ratio Lower Upper

93 100

95 84.0 66.8 100.2

174 103.8 83.8 125.8





#47

Bromodichloromethane

Concen: 18.732 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

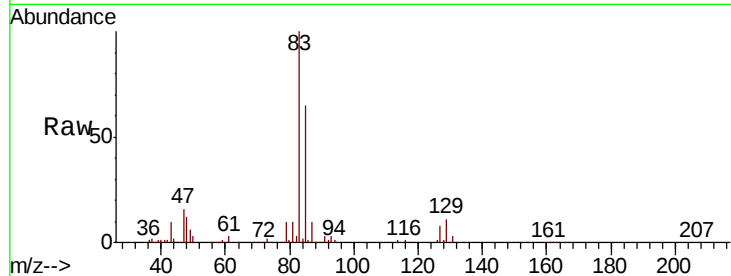
Tot Ion: 83 Resp: 67890

Ion Ratio Lower Upper

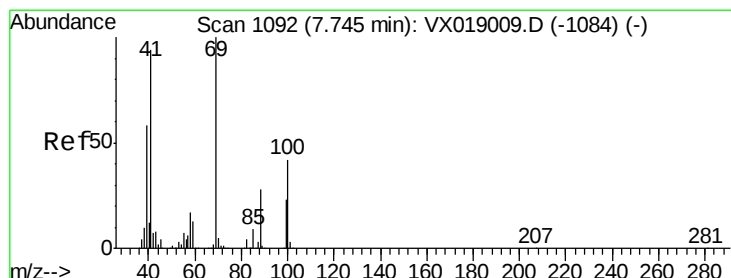
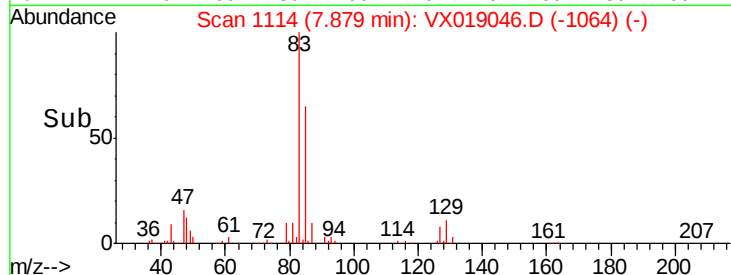
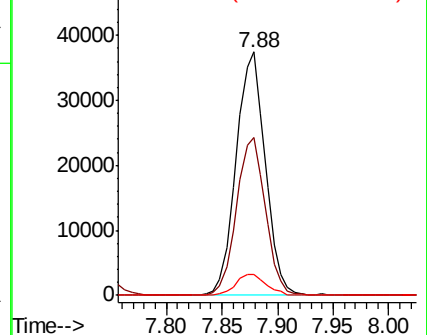
83 100

85 64.9 50.7 76.1

127 8.5 6.8 10.2



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: 18.271 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

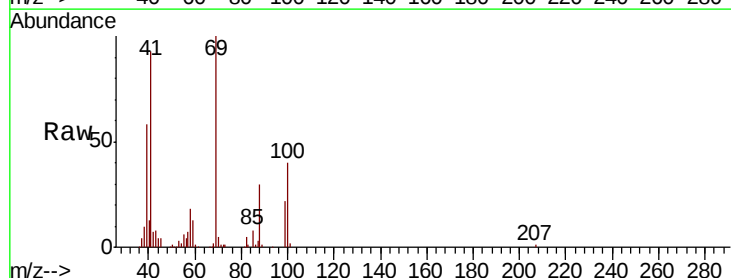
Tgt Ion: 41 Resp: 44707

Ion Ratio Lower Upper

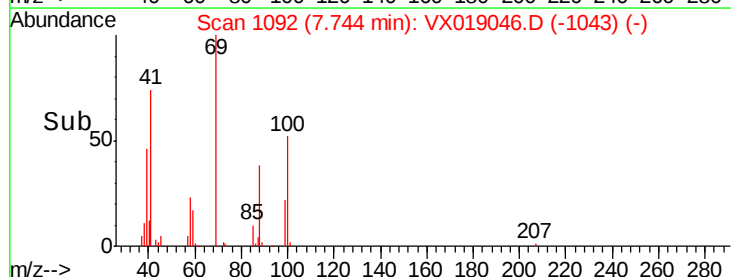
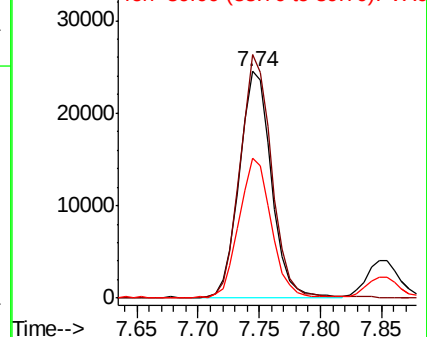
41 100

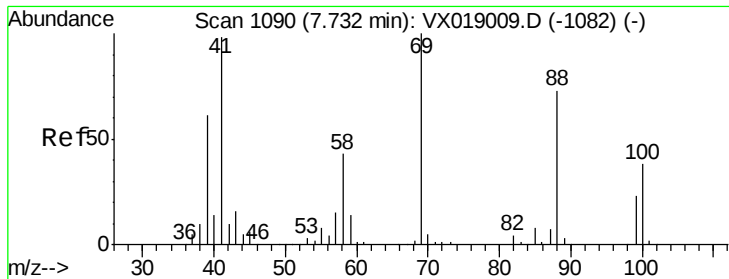
69 105.6 85.5 128.3

39 62.0 49.3 73.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

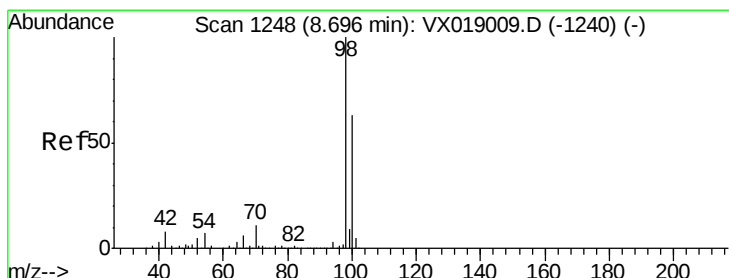
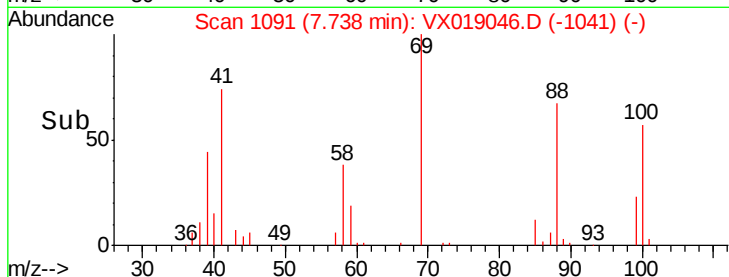
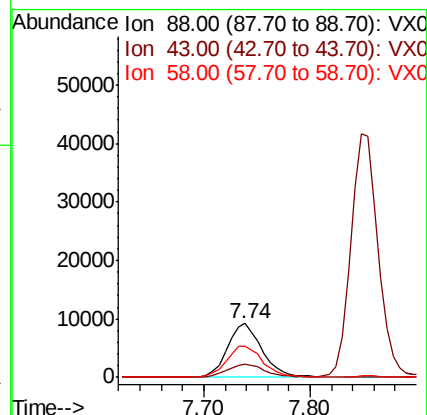
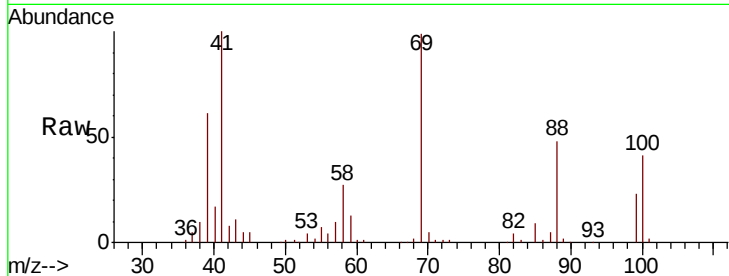




#49
1,4-Dioxane
Concen: 378.974 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

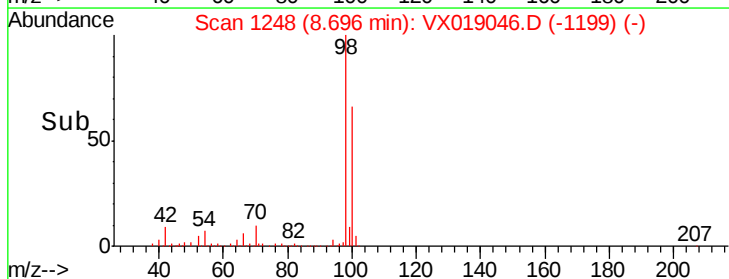
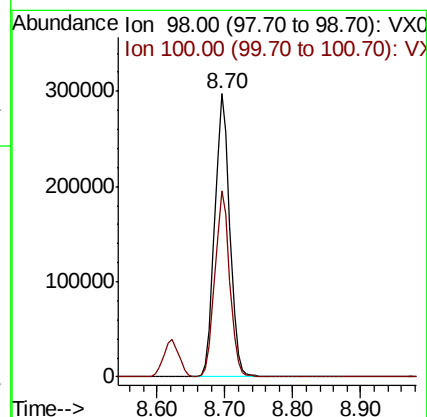
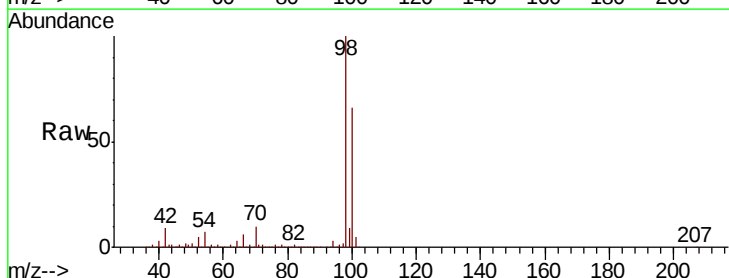
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

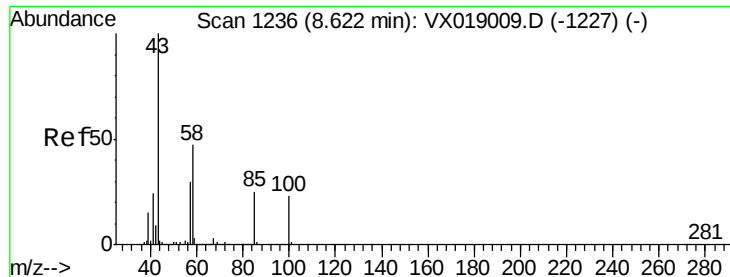
Tot Ion: 88 Resp: 20952
Ion Ratio Lower Upper
88 100
43 25.1 20.3 30.5
58 60.8 48.4 72.6



#50
Toluene-d8
Concen: 49.489 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion: 98 Resp: 457791
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 95.273 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

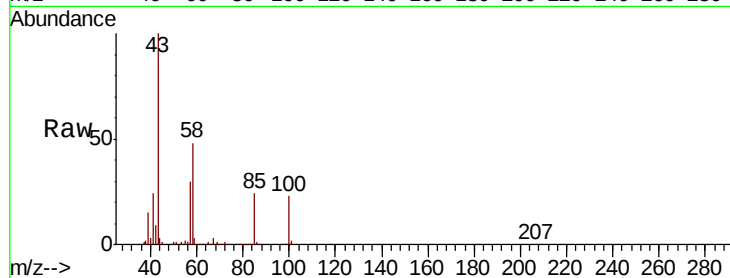
VX1022WBSD02

Tot Ion: 43 Resp: 278794

Ion Ratio Lower Upper

43 100

58 46.7 37.4 56.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

200000

150000

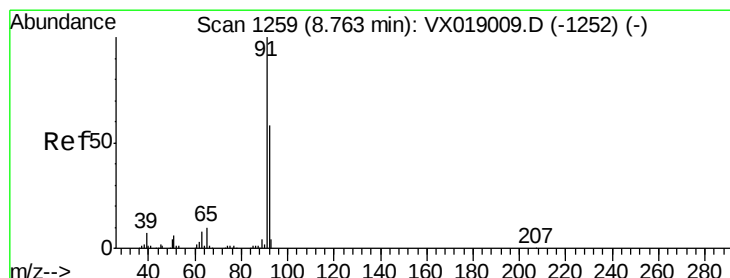
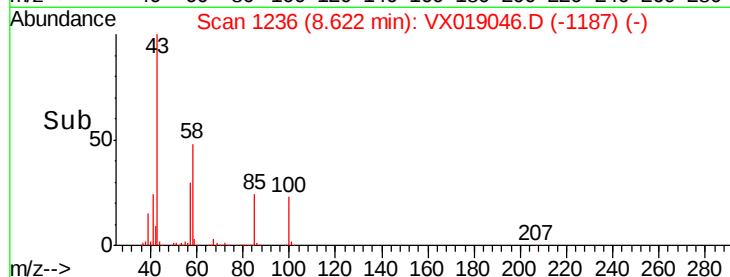
100000

50000

0

8.50 8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 18.877 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019046.D

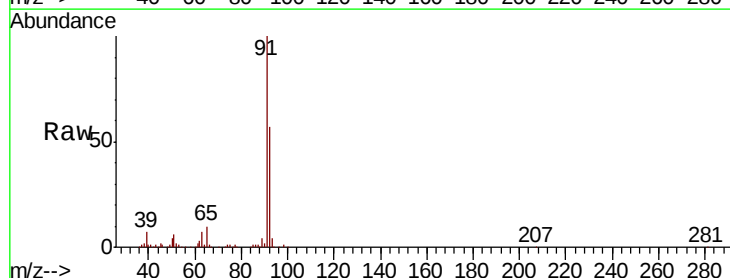
Acq: 22 Oct 2020 23:28

Tgt Ion: 92 Resp: 126149

Ion Ratio Lower Upper

92 100

91 172.8 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

150000

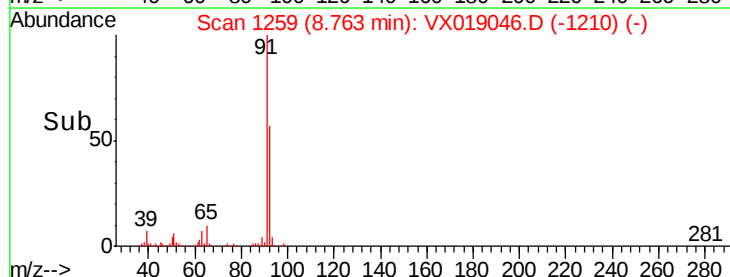
100000

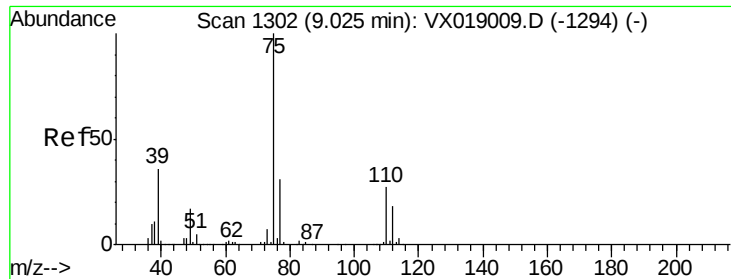
50000

0

8.70 8.80 8.90

Time-->

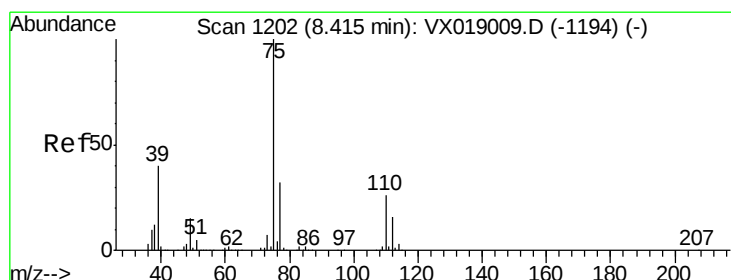
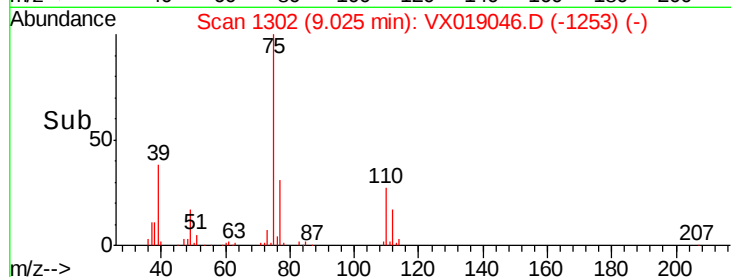
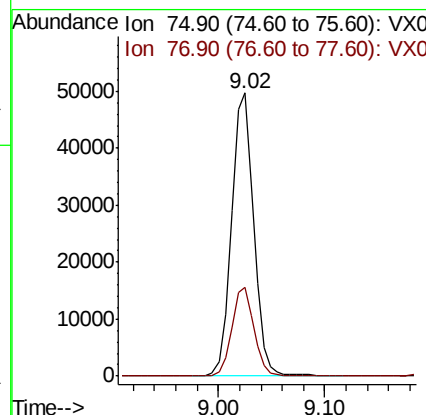
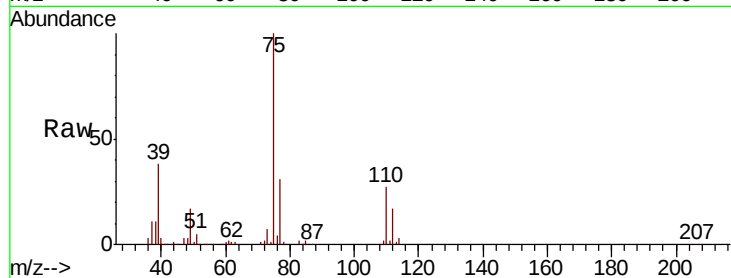




#53
t-1,3-Dichloropropene
Concen: 17.747 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

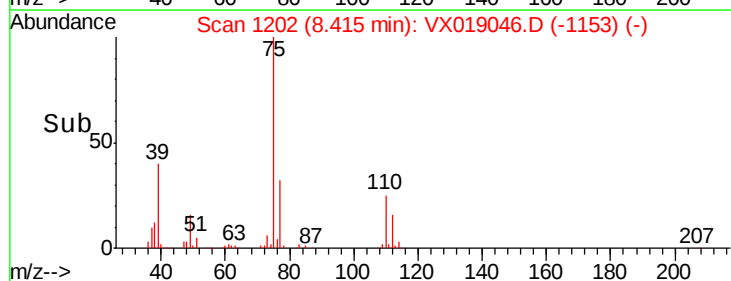
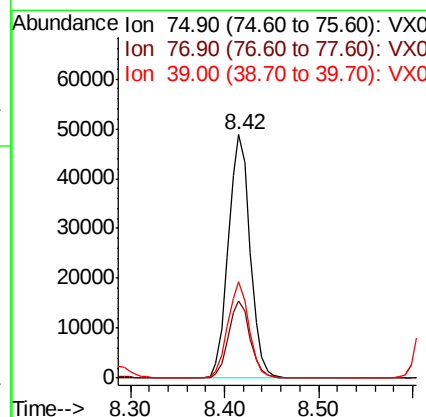
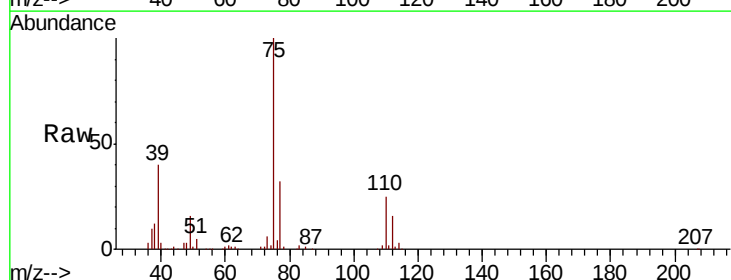
Instrument :
MSVOA_X
ClientSampleID :
VX1022WBSD02

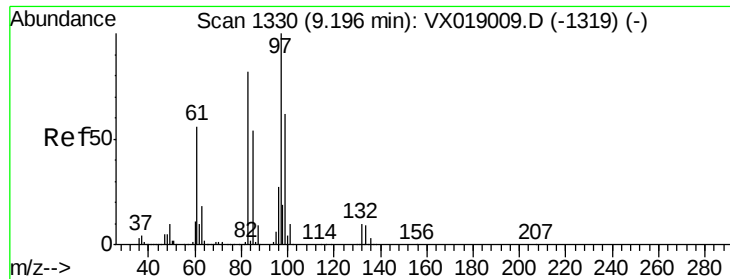
Tot Ion: 75 Resp: 72637
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 18.138 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion: 75 Resp: 78392
Ion Ratio Lower Upper
75 100
77 31.8 25.9 38.9
39 39.8 31.7 47.5

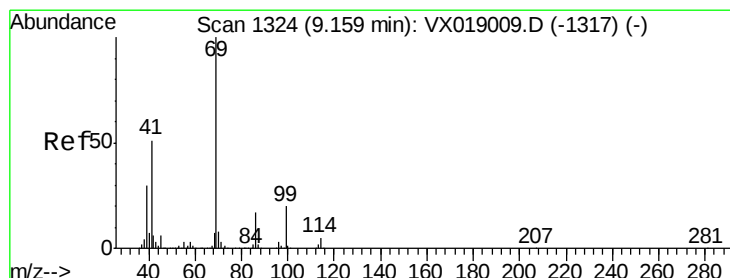
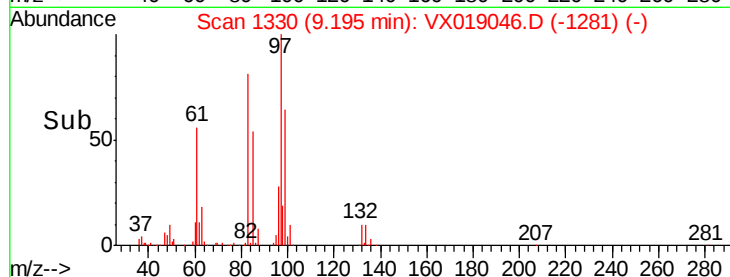
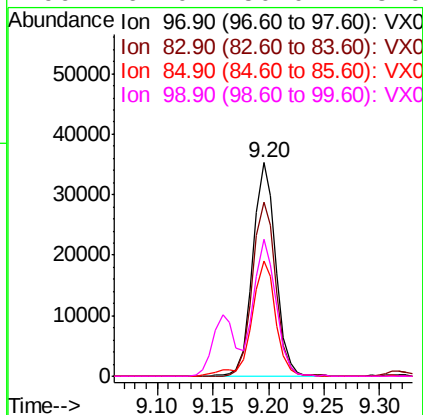
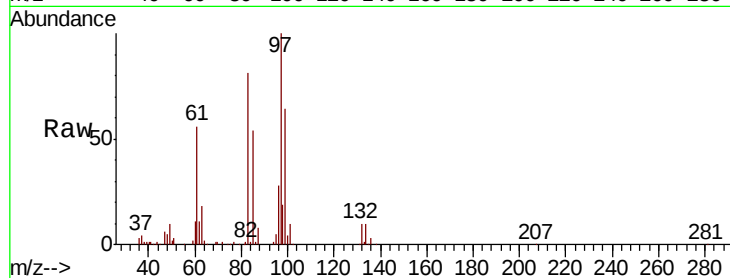




#55
 1,1,2-Trichloroethane
 Concen: 18.713 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

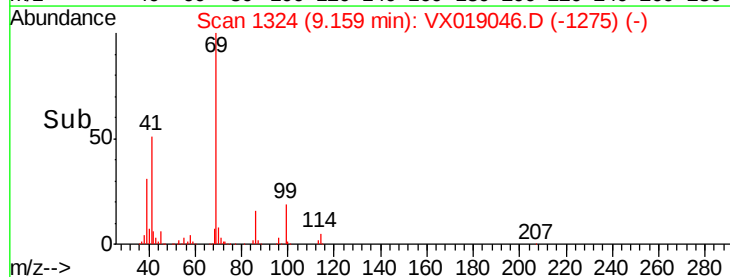
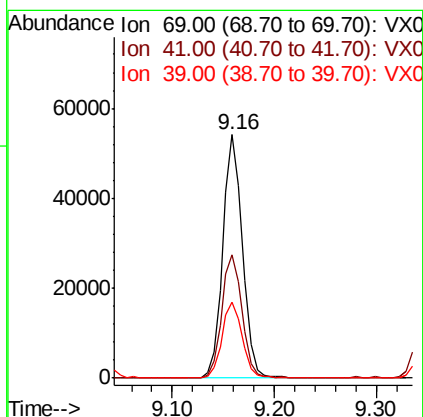
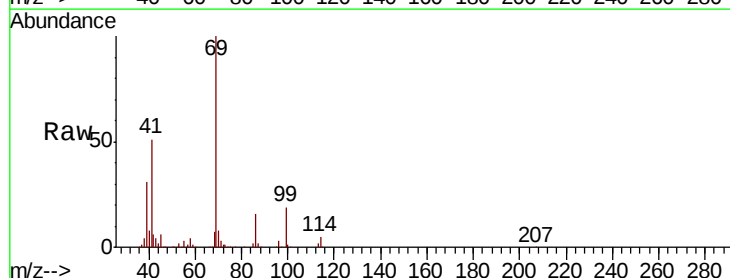
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

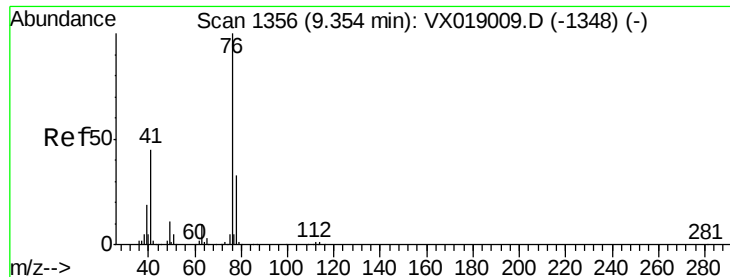
Tot Ion:	97	Resp:	50980
Ion	Ratio	Lower	Upper
97	100		
83	81.3	65.4	98.2
85	53.7	43.3	64.9
99	64.0	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 18.589 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion:	69	Resp:	72858
Ion	Ratio	Lower	Upper
69	100		
41	51.9	41.1	61.7
39	32.2	24.6	37.0





#57

1,3-Dichloropropane

Concen: 19.148 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

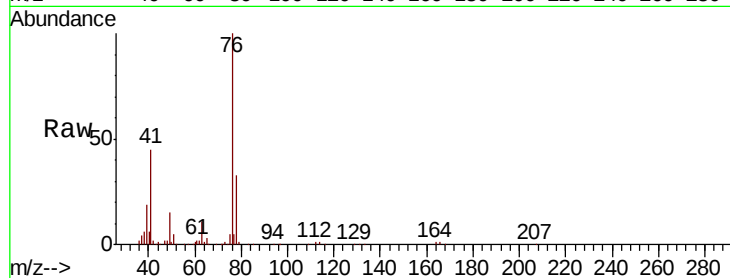
VX1022WBSD02

Tot Ion: 76 Resp: 82797

Ion Ratio Lower Upper

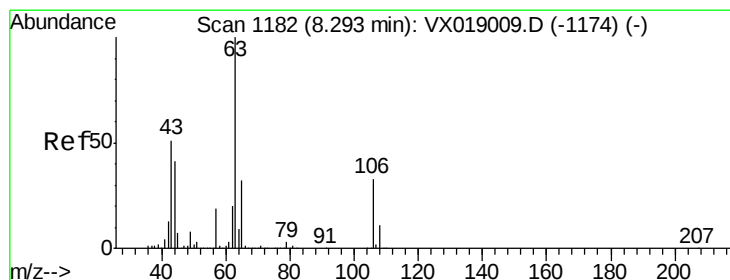
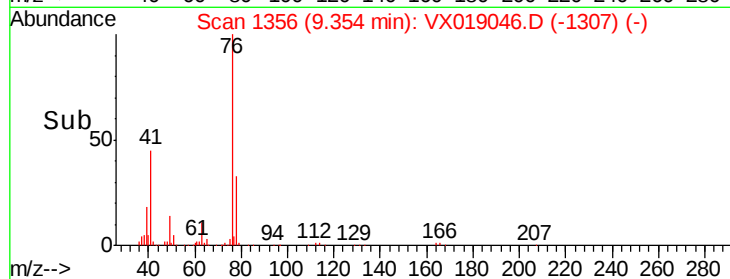
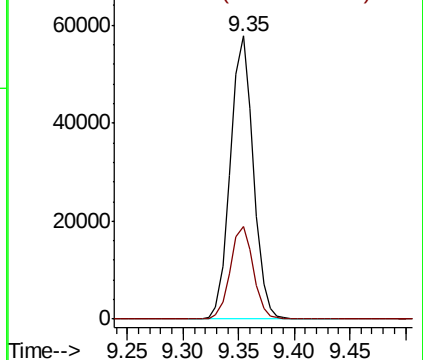
76 100

78 32.8 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 94.409 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019046.D

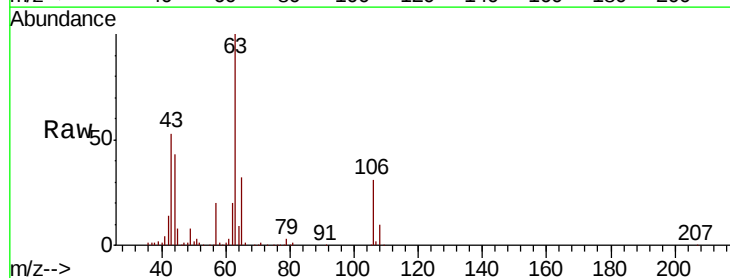
Acq: 22 Oct 2020 23:28

Tgt Ion: 63 Resp: 194379

Ion Ratio Lower Upper

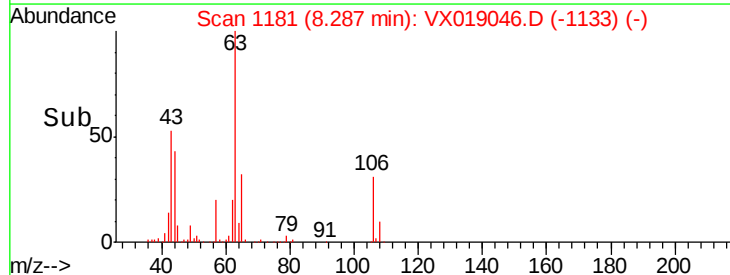
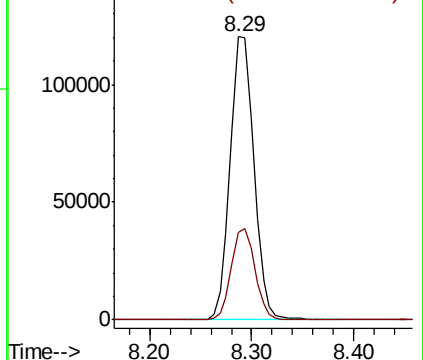
63 100

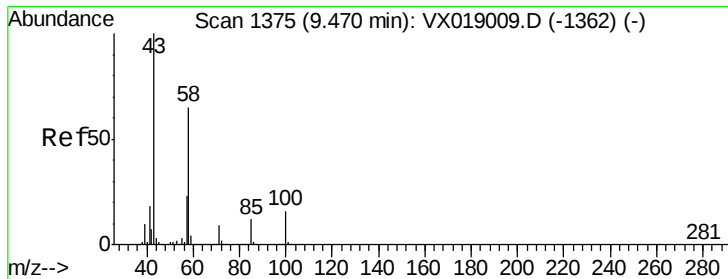
106 32.0 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

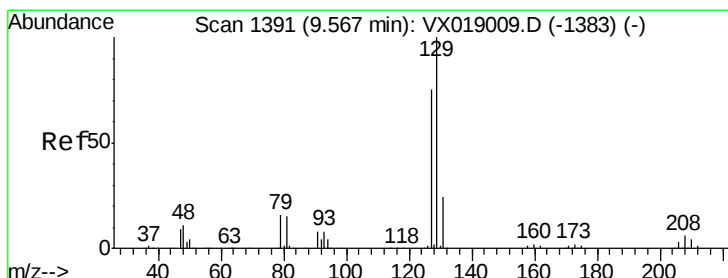
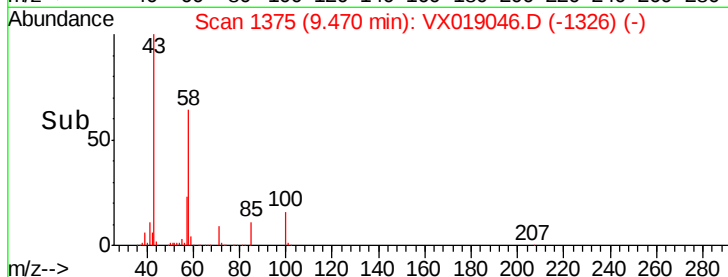
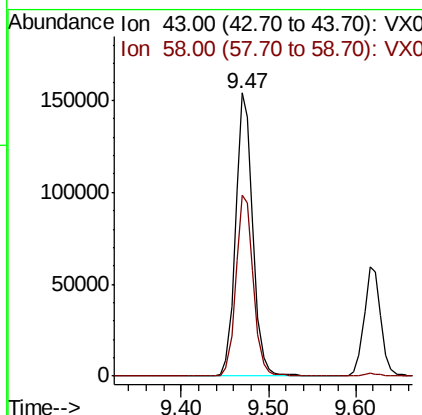
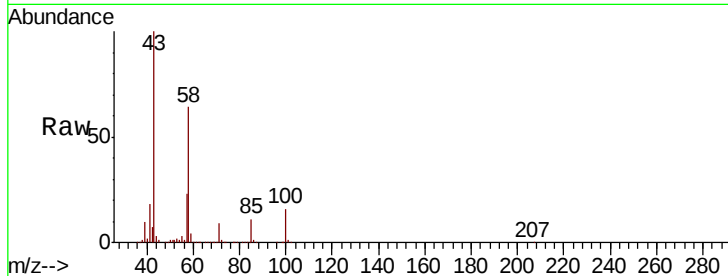




#59
2-Hexanone
Concen: 97.246 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

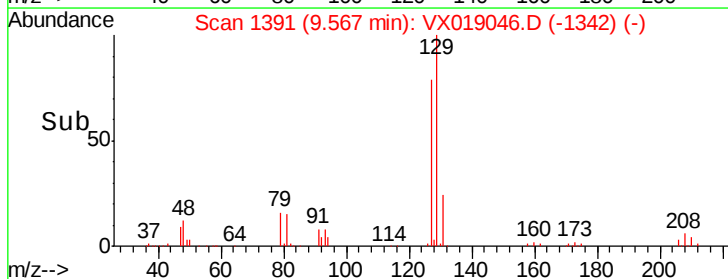
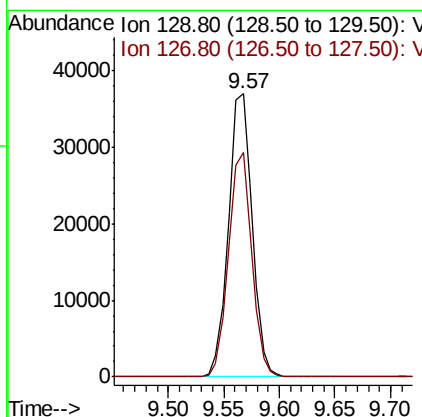
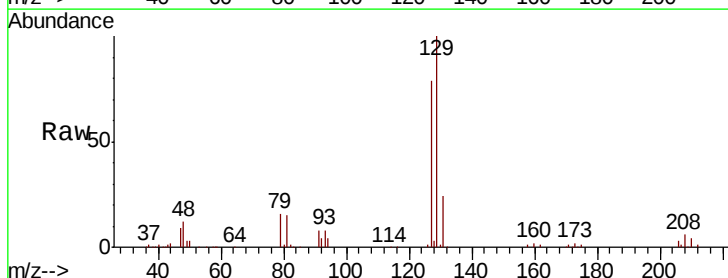
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

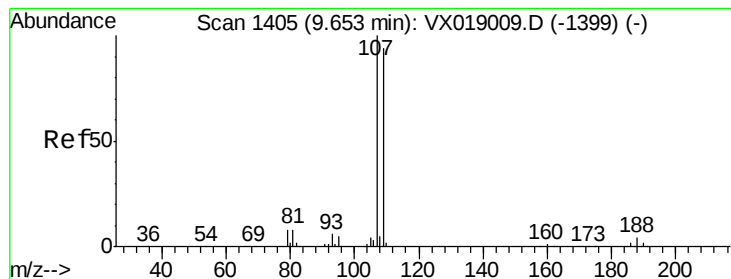
Tot Ion: 43 Resp: 212064
Ion Ratio Lower Upper
43 100
58 65.1 32.8 98.4



#60
Dibromochloromethane
Concen: 18.393 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion: 129 Resp: 54614
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7





#61

1,2-Dibromoethane

Concen: 18.254 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

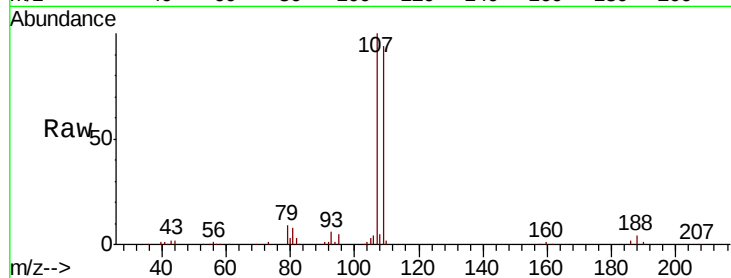
VX1022WBSD02

Tot Ion:107 Resp: 53208

Ion Ratio Lower Upper

107 100

109 94.9 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

40000

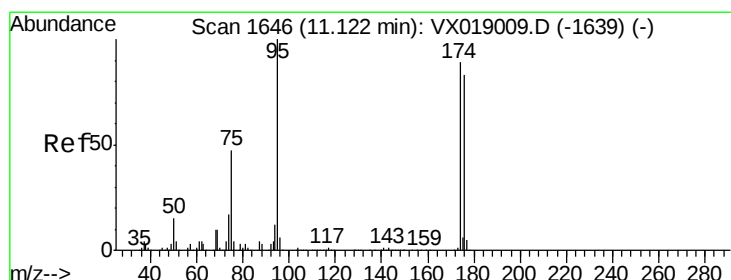
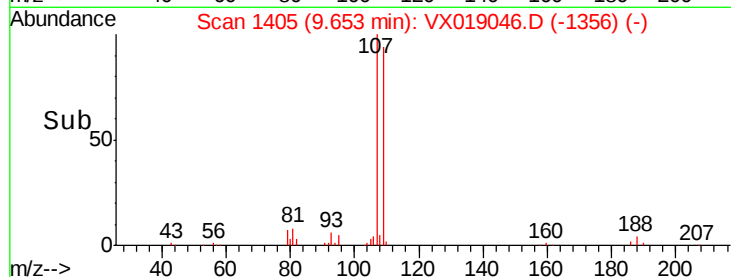
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.243 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

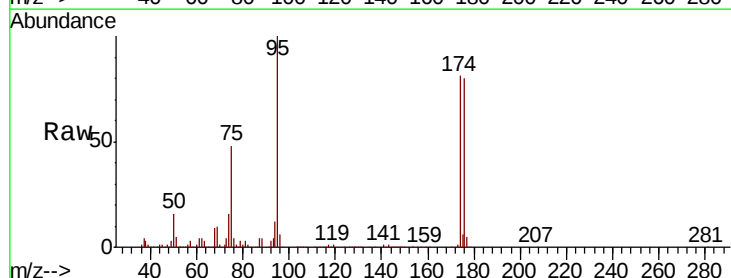
Tgt Ion: 95 Resp: 162029

Ion Ratio Lower Upper

95 100

174 80.0 0.0 167.6

176 80.3 0.0 165.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

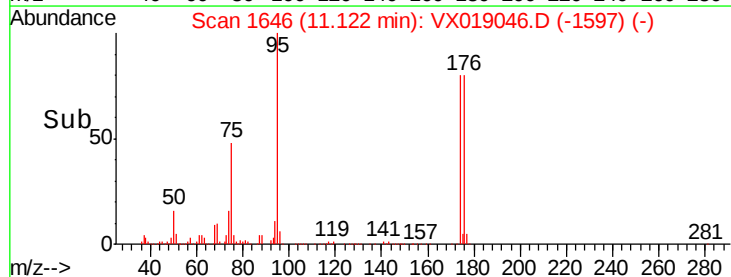
150000

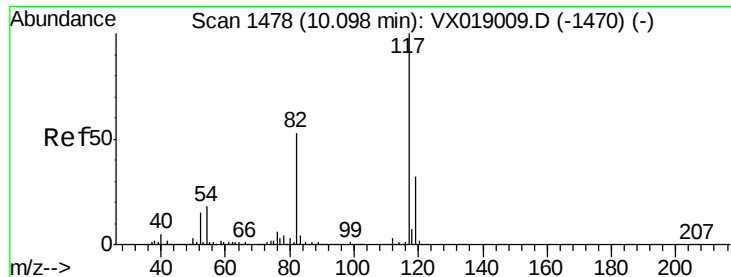
100000

50000

0

Time-->

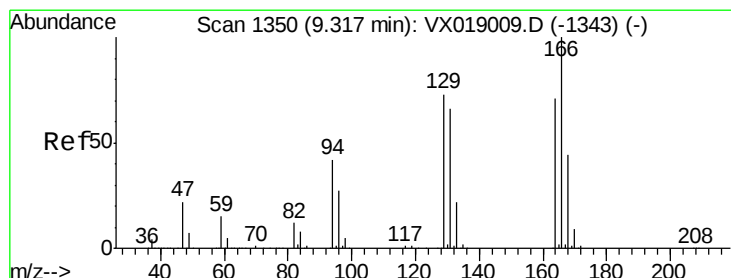
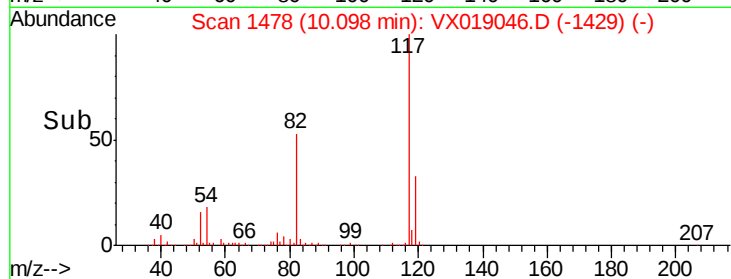
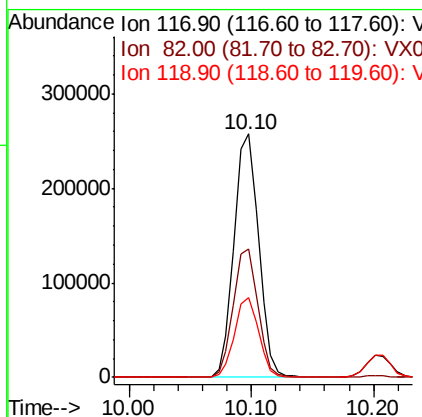
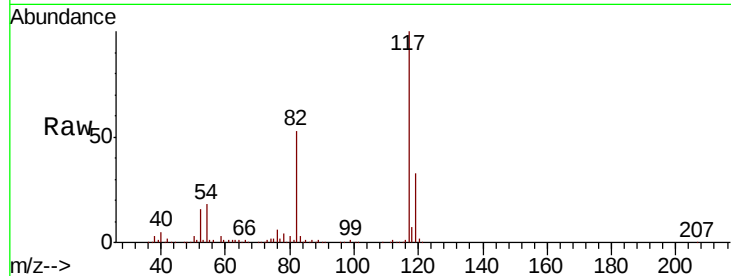




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

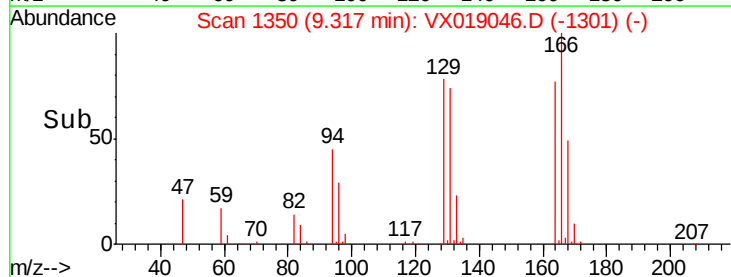
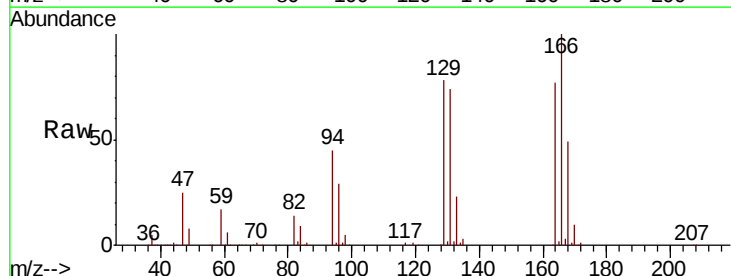
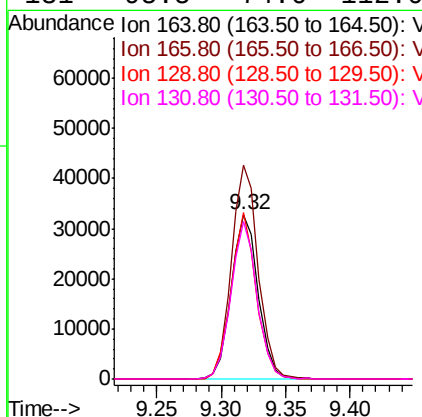
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

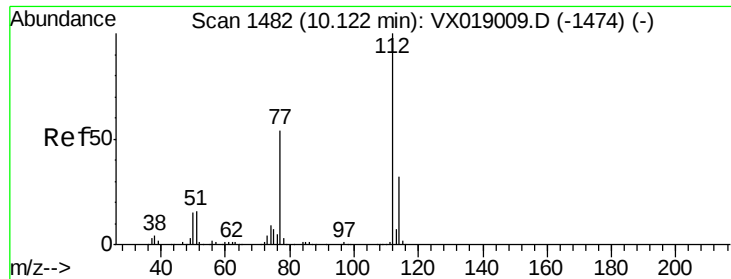
Tot Ion:117 Resp: 357434
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: 17.565 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion:164 Resp: 47801
Ion Ratio Lower Upper
164 100
166 129.8 112.2 168.4
129 101.2 81.8 122.8
131 95.5 74.6 112.0

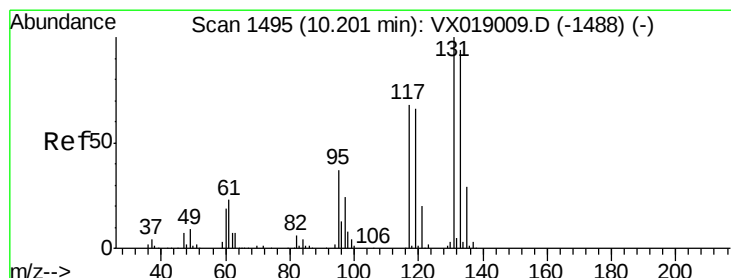
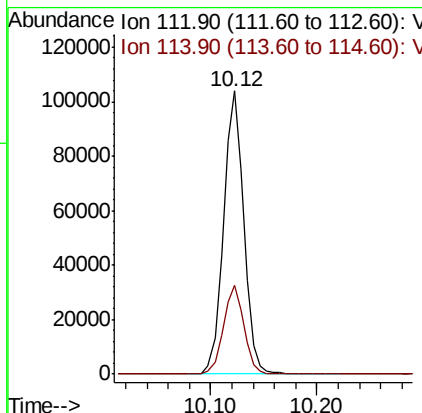
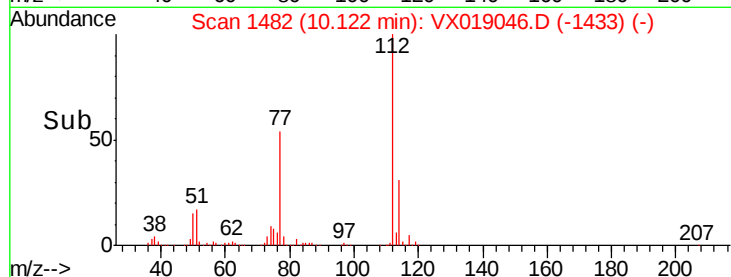
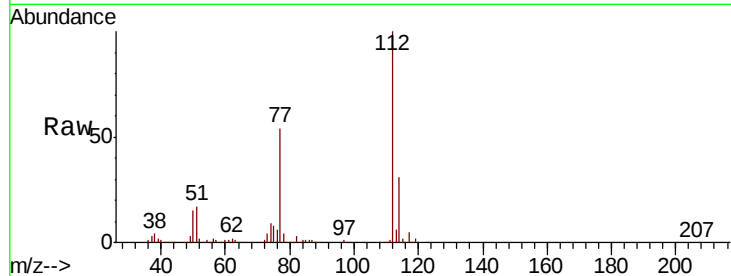




#65
Chlorobenzene
Concen: 18.353 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

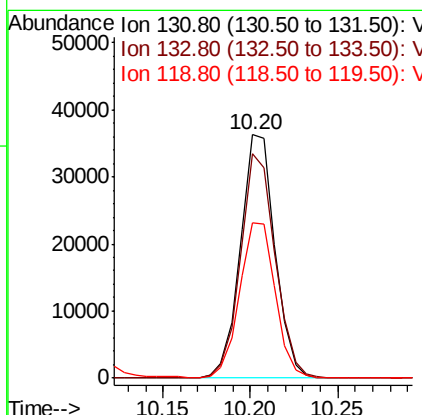
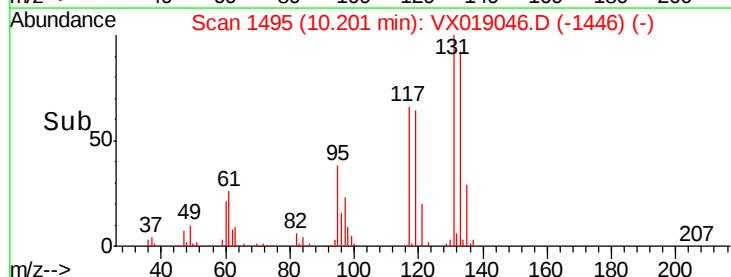
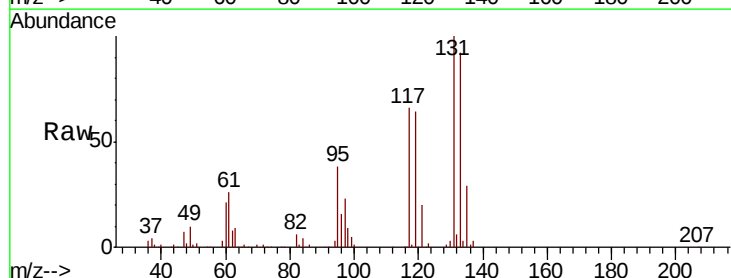
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

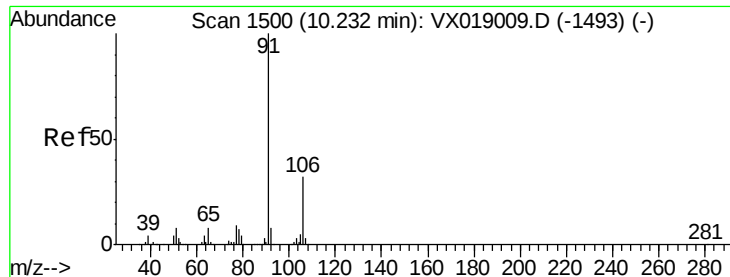
Tot Ion:112 Resp: 137600
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.704 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion:131 Resp: 49858
Ion Ratio Lower Upper
131 100
133 92.5 47.0 141.2
119 66.1 32.9 98.7





#67

Ethyl Benzene

Concen: 18.546 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

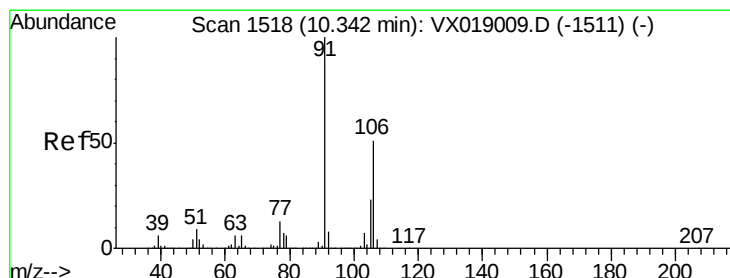
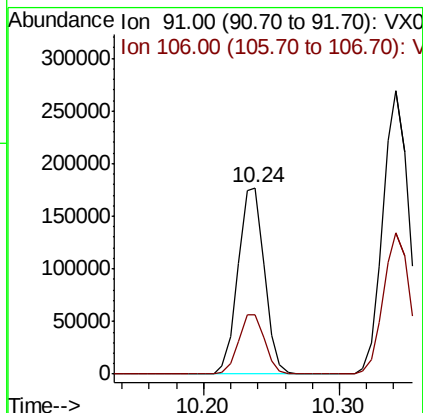
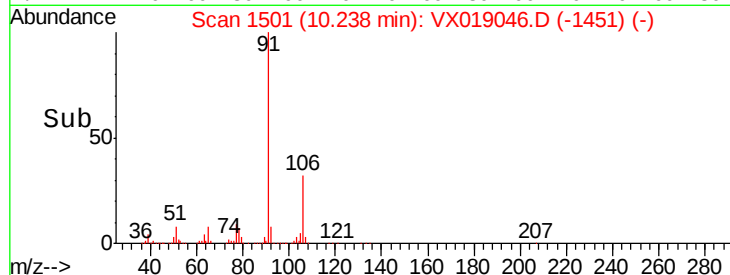
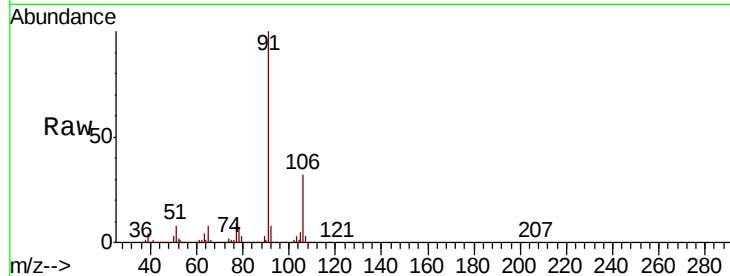
VX1022WBSD02

Tot Ion: 91 Resp: 239689

Ion Ratio Lower Upper

91 100

106 31.7 25.3 37.9



#68

m/p-Xylenes

Concen: 37.040 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019046.D

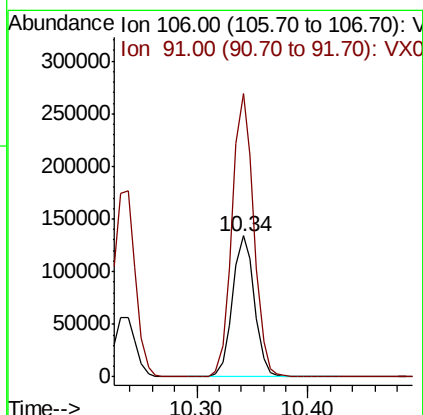
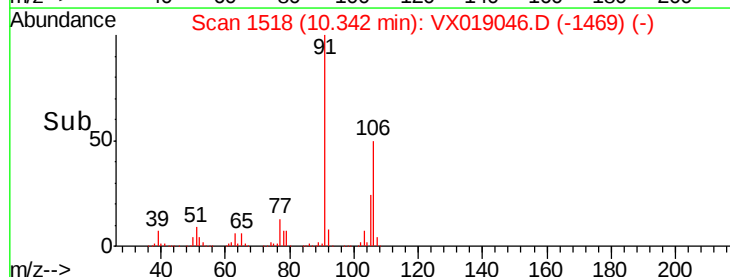
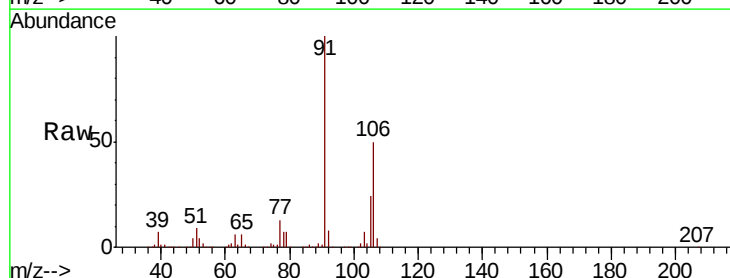
Acq: 22 Oct 2020 23:28

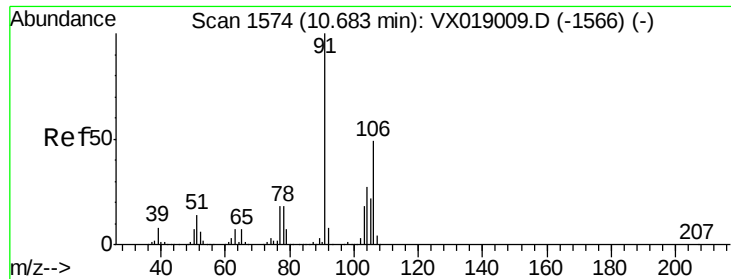
Tgt Ion: 106 Resp: 183370

Ion Ratio Lower Upper

106 100

91 197.2 156.9 235.3

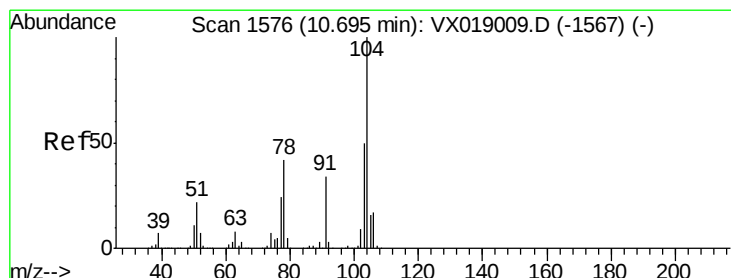
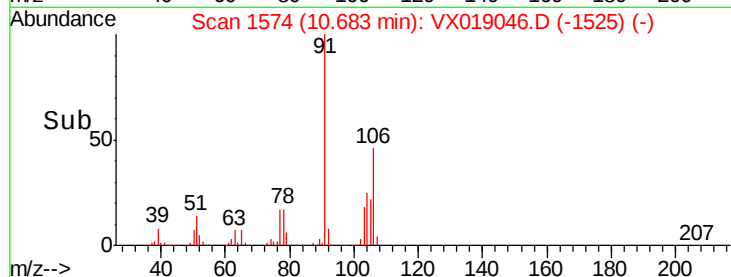
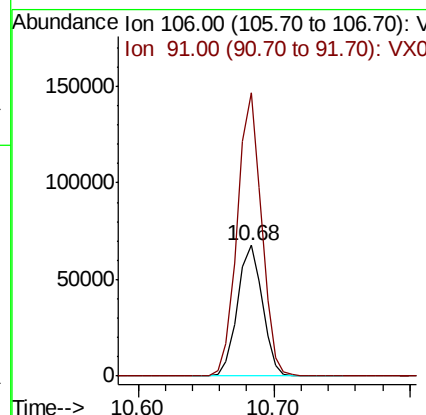
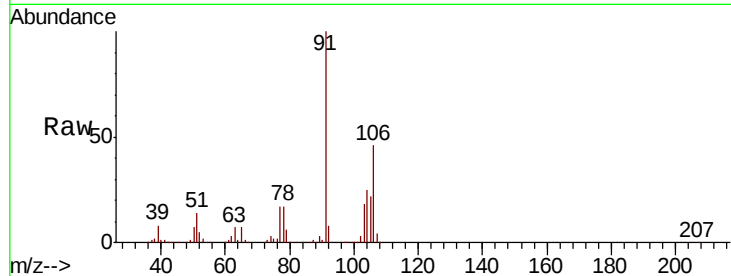




#69
o-Xylene
Concen: 18.299 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

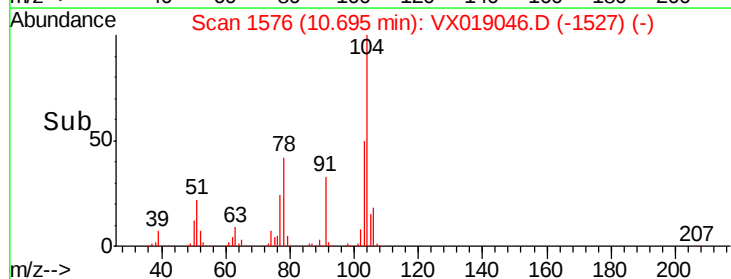
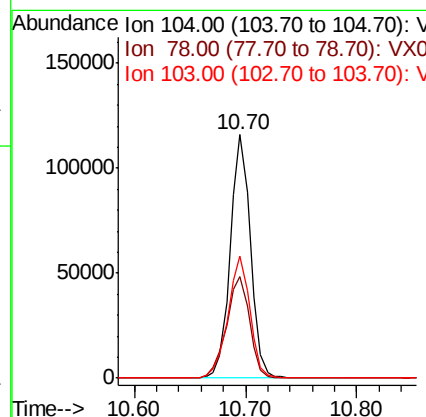
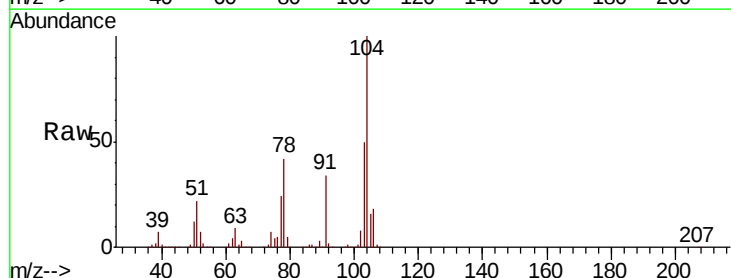
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

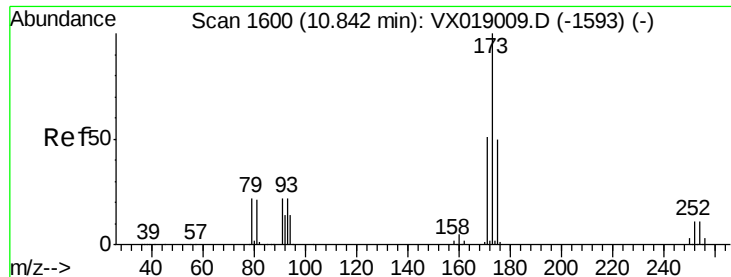
Tot Ion:106 Resp: 86702
Ion Ratio Lower Upper
106 100
91 210.0 104.0 312.0



#70
Styrene
Concen: 18.102 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion:104 Resp: 145617
Ion Ratio Lower Upper
104 100
78 47.9 37.7 56.5
103 54.3 43.5 65.3

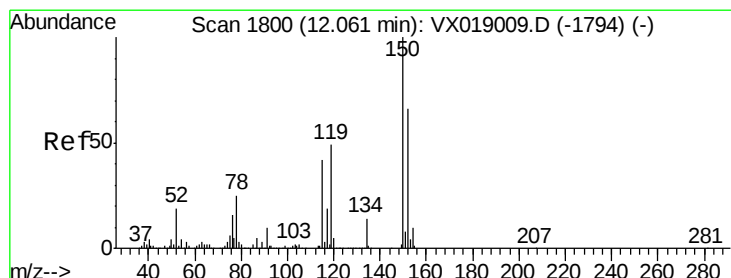
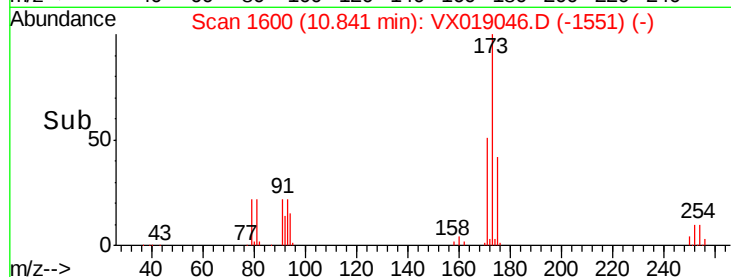
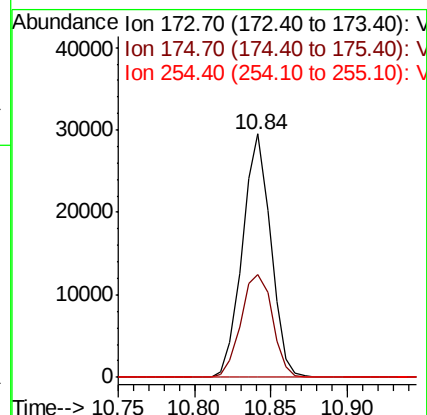
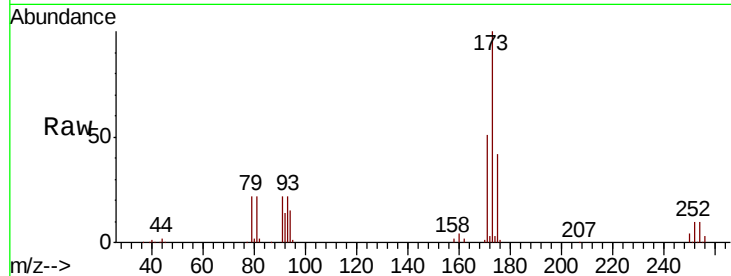




#71
Bromoform
Concen: 17.689 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

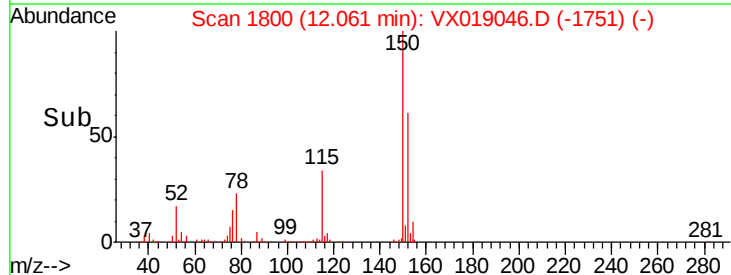
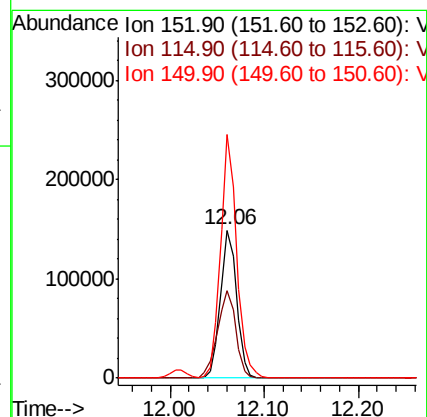
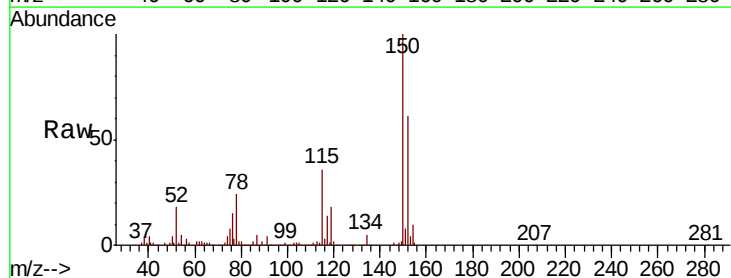
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

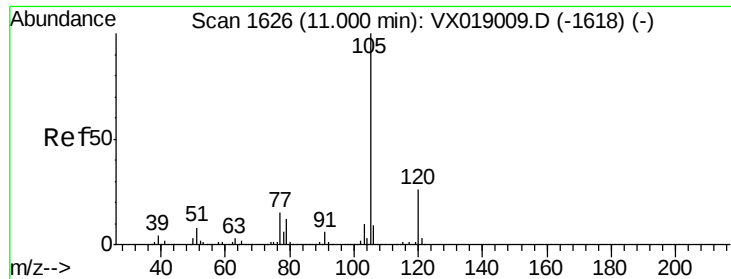
Tot Ion:173 Resp: 38063
Ion Ratio Lower Upper
173 100
175 47.0 24.1 72.4
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion:152 Resp: 179023
Ion Ratio Lower Upper
152 100
115 66.1 40.8 122.5
150 163.0 0.0 345.6





#73

Isopropylbenzene

Concen: 18.309 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

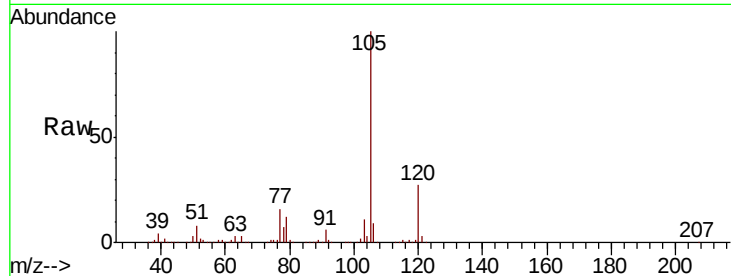
VX1022WBSD02

Tot Ion:105 Resp: 235797

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

200000

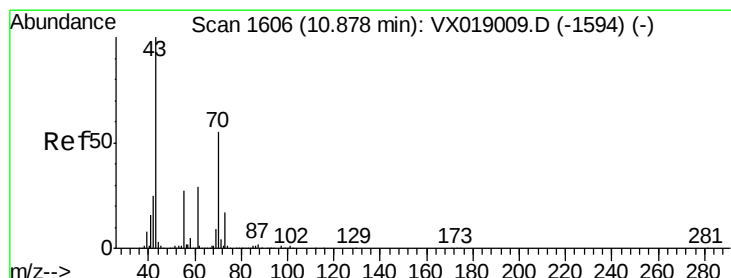
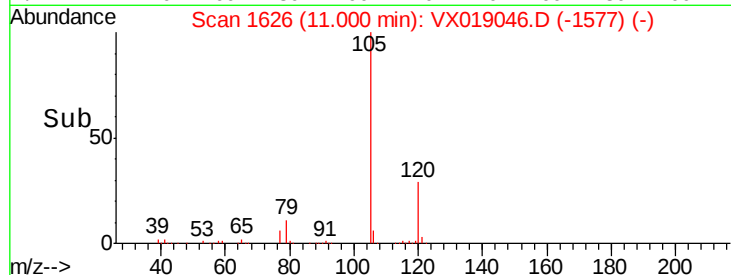
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 18.195 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Tgt Ion: 43 Resp: 75078

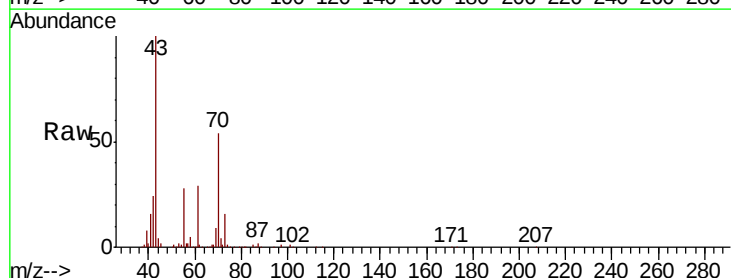
Ion Ratio Lower Upper

43 100

70 55.6 44.5 66.7

55 28.5 21.9 32.9

61 29.2 23.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

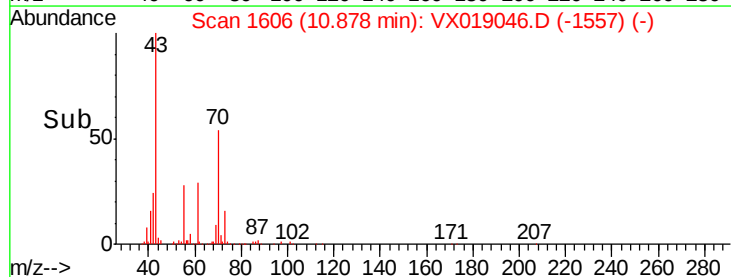
60000

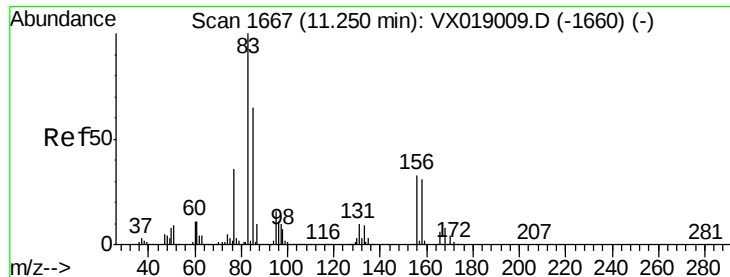
40000

20000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 19.313 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

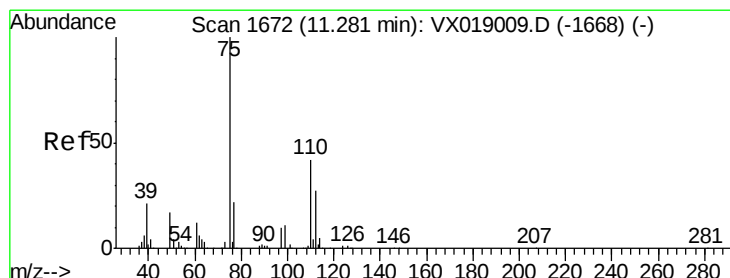
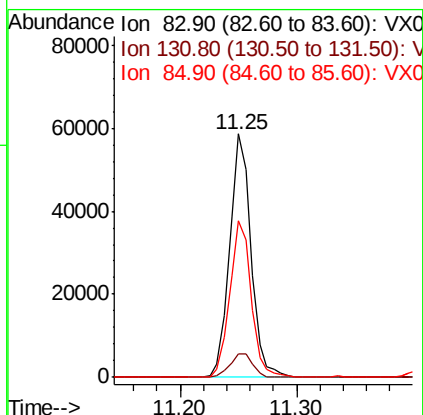
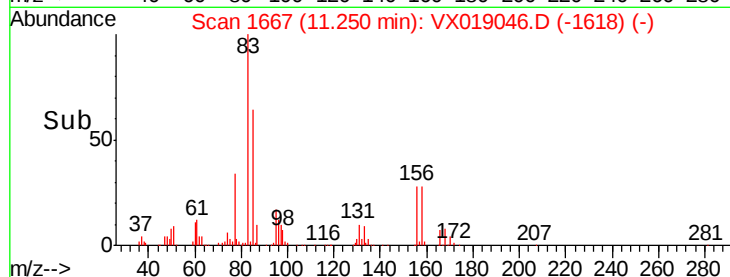
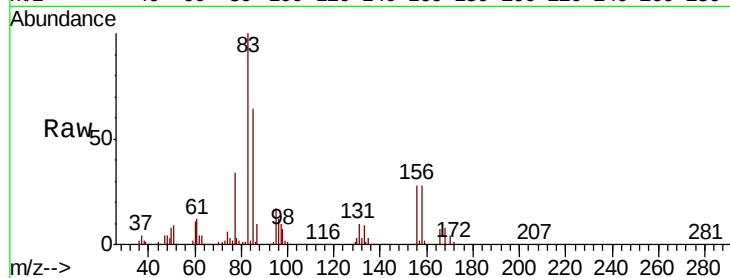
Tot Ion: 83 Resp: 74929

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

85 64.7 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 23.377 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019046.D

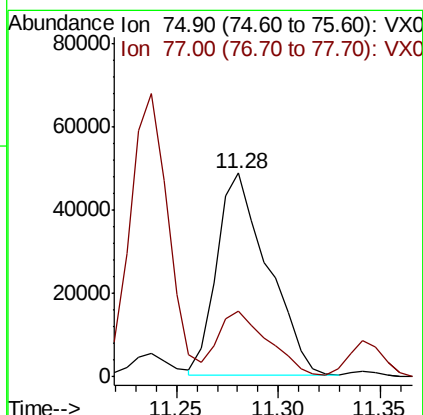
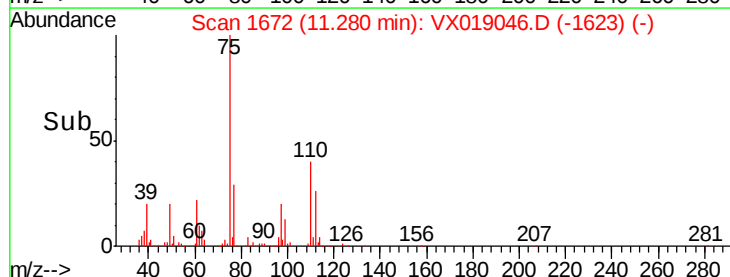
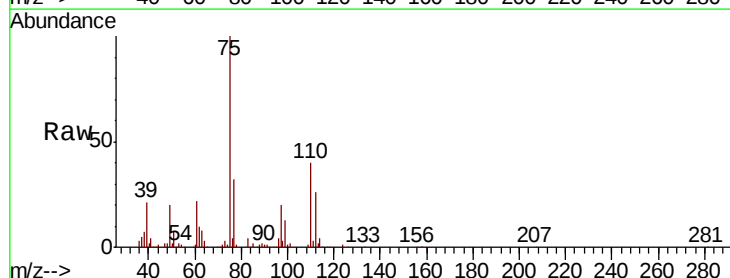
Acq: 22 Oct 2020 23:28

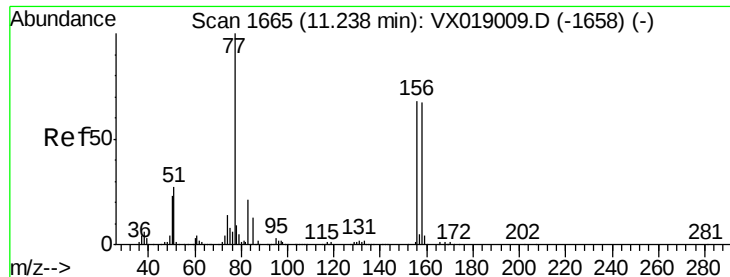
Tgt Ion: 75 Resp: 83648

Ion Ratio Lower Upper

75 100

77 32.4 20.7 62.1





#77

Bromobenzene

Concen: 17.991 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

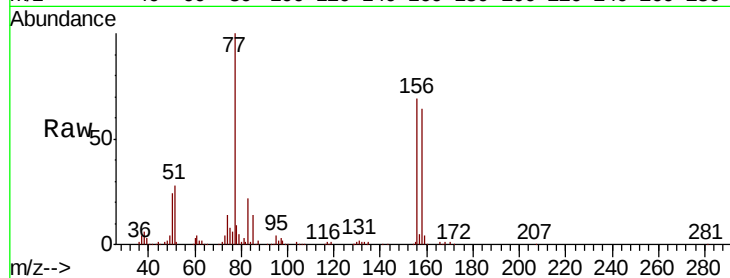
Tot Ion:156 Resp: 58514

Ion Ratio Lower Upper

156 100

77 150.9 74.4 223.1

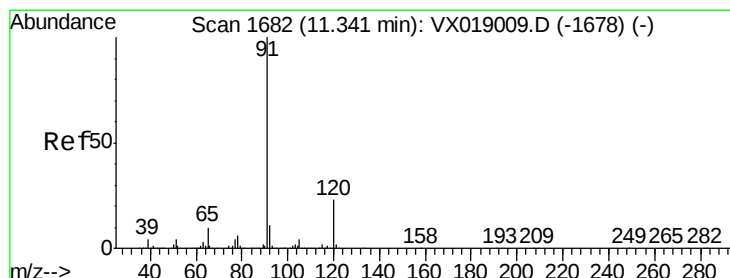
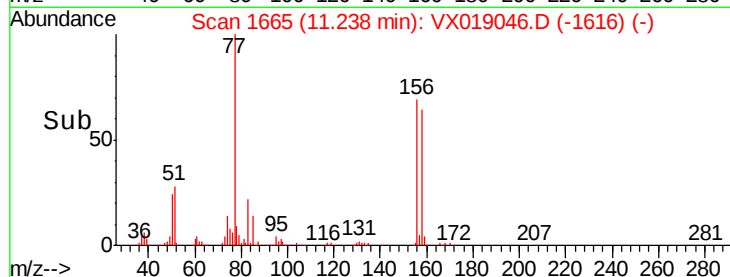
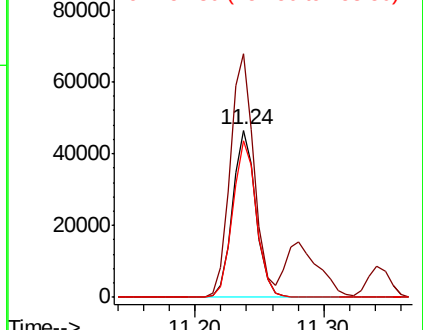
158 95.5 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.215 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019046.D

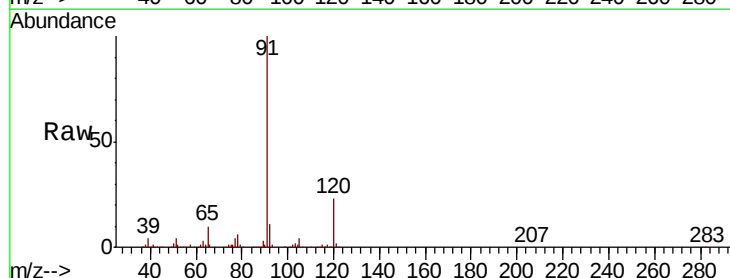
Acq: 22 Oct 2020 23:28

Tgt Ion: 91 Resp: 265810

Ion Ratio Lower Upper

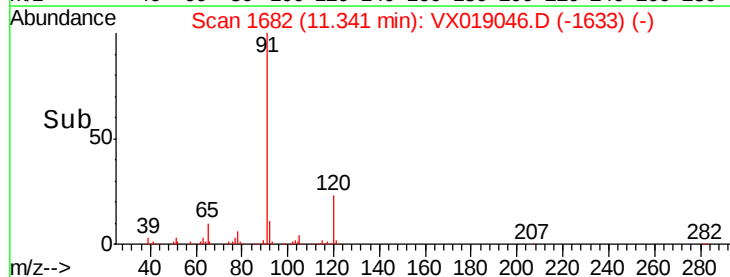
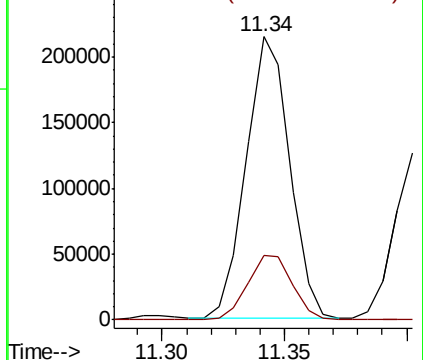
91 100

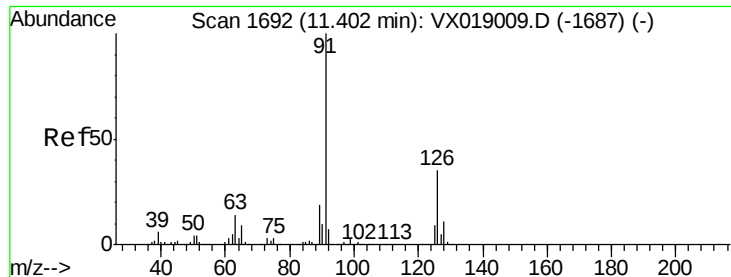
120 23.7 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

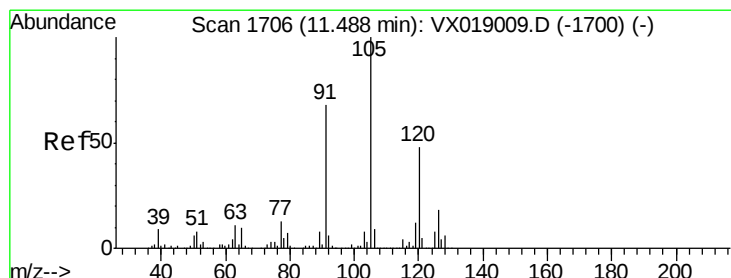
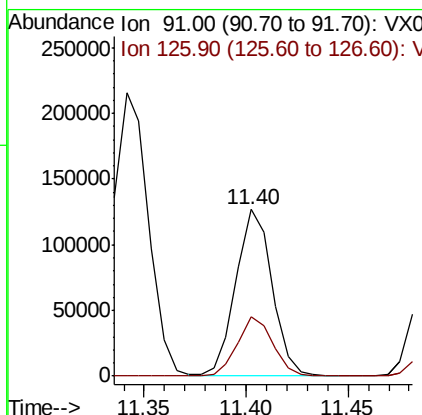
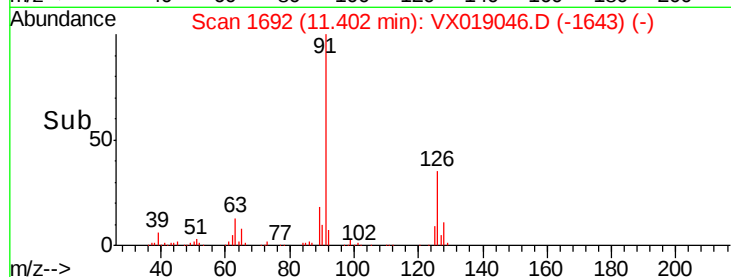
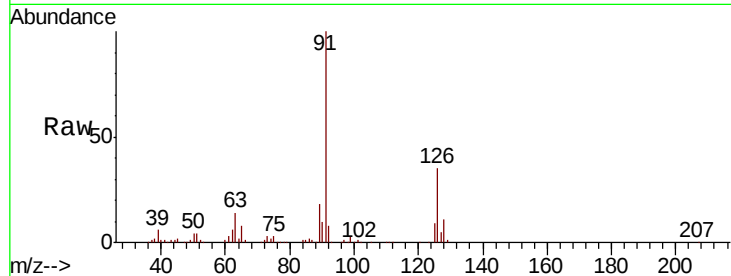




#79
 2-Chlorotoluene
 Concen: 18.289 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

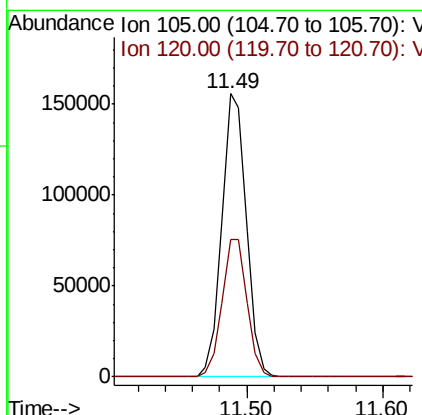
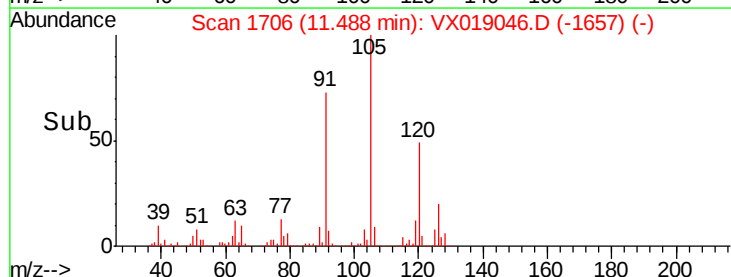
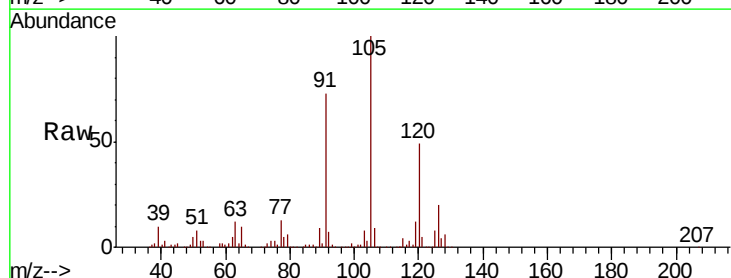
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

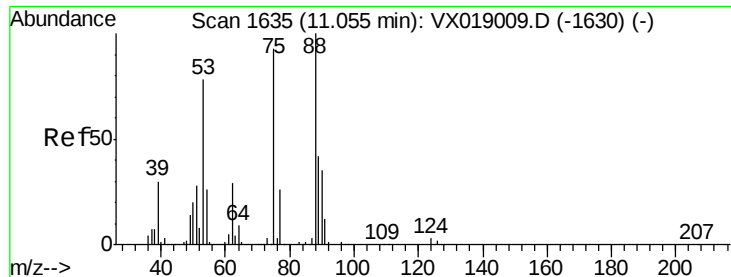
Tot Ion: 91 Resp: 155696
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 18.286 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion: 105 Resp: 194466
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 15.975 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

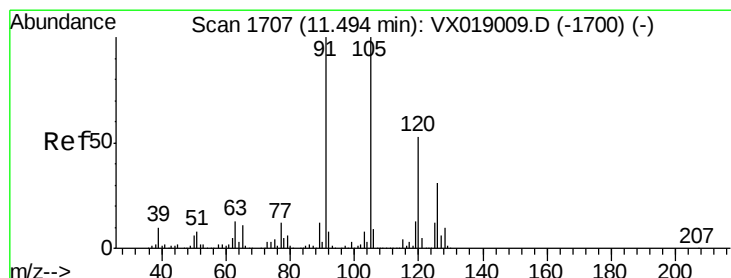
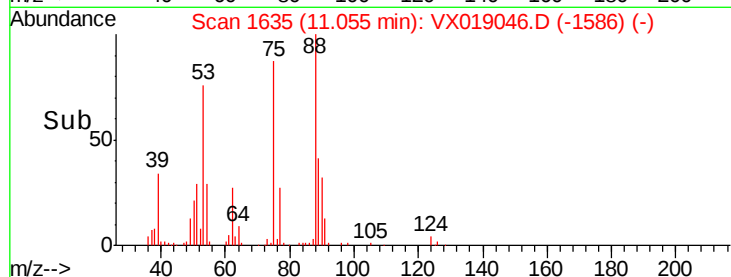
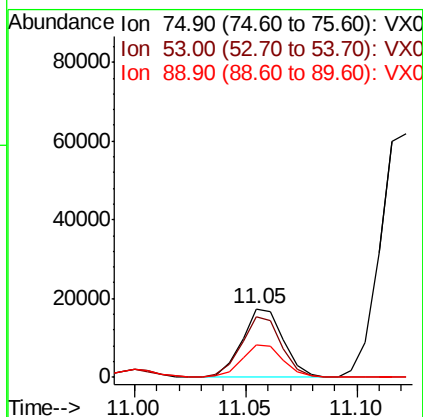
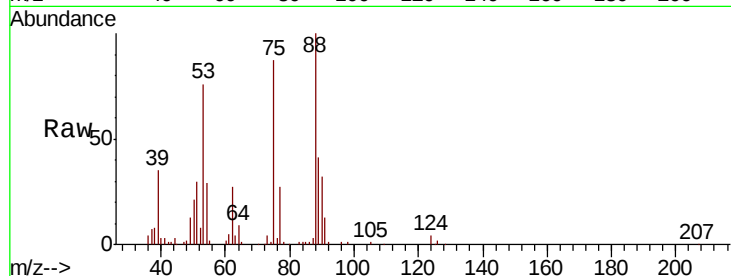
Tot Ion: 75 Resp: 22436

Ion Ratio Lower Upper

75 100

53 87.7 67.4 101.2

89 47.5 37.2 55.8



#82

4-Chlorotoluene

Concen: 18.151 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019046.D

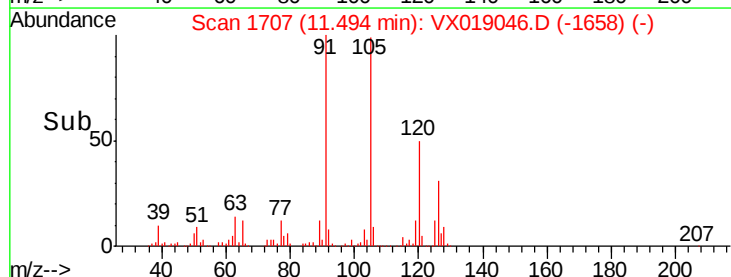
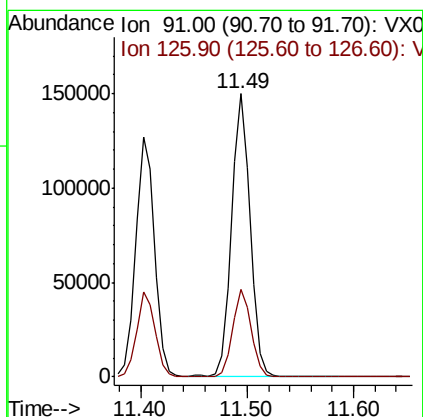
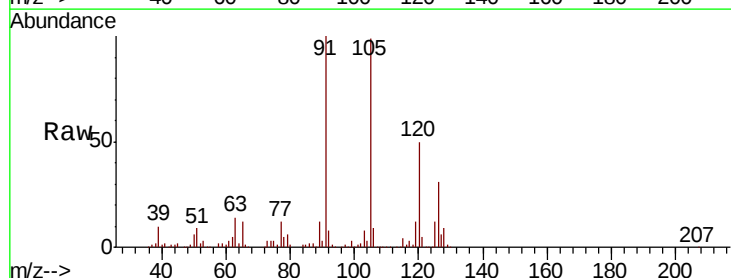
Acq: 22 Oct 2020 23:28

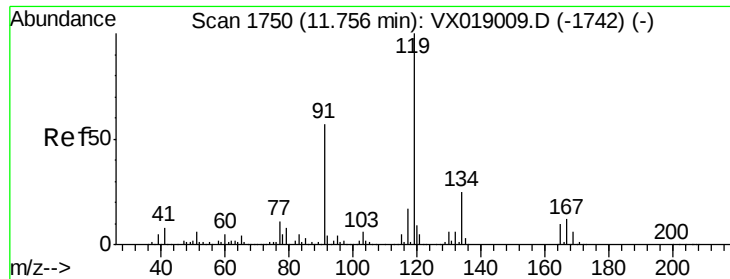
Tgt Ion: 91 Resp: 183865

Ion Ratio Lower Upper

91 100

126 30.6 15.6 46.7

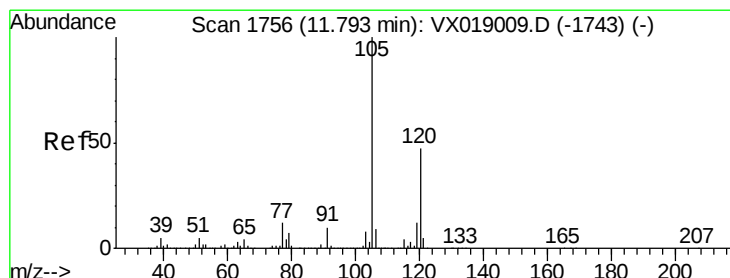
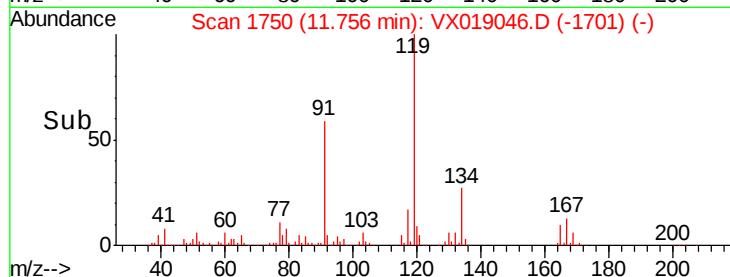
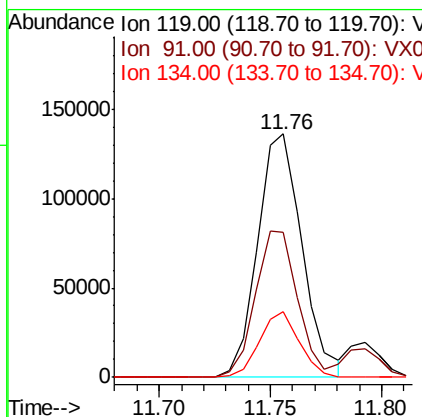
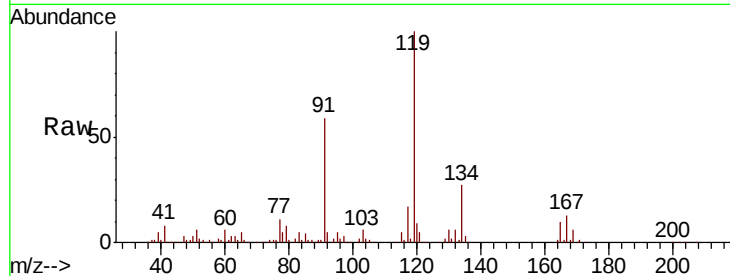




#83
tert-Butylbenzene
Concen: 18.047 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

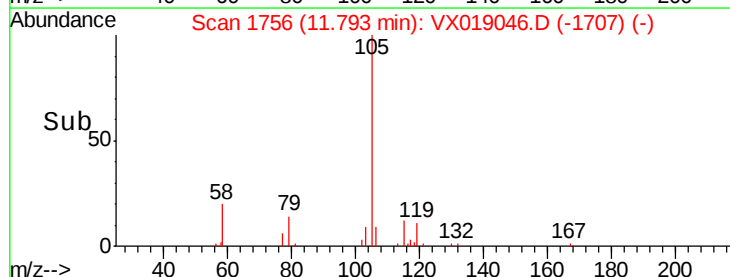
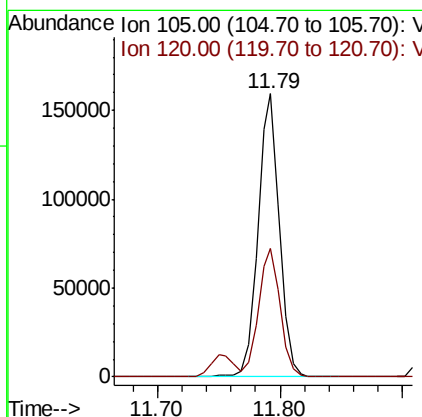
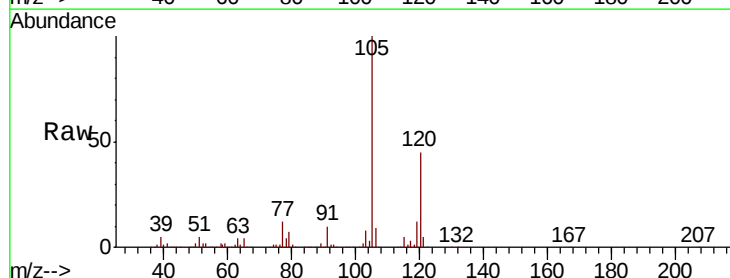
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

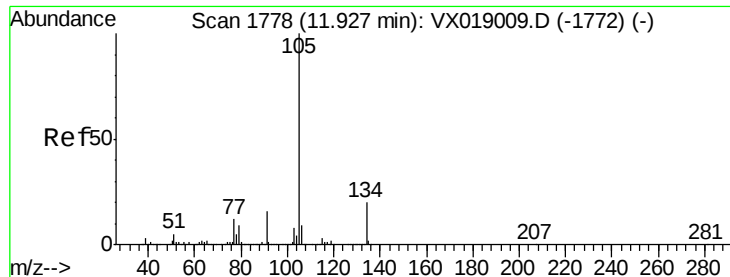
Tot Ion:119 Resp: 189069
Ion Ratio Lower Upper
119 100
91 56.9 28.1 84.4
134 24.1 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 18.229 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion:105 Resp: 194122
Ion Ratio Lower Upper
105 100
120 45.9 22.9 68.8





#85

sec-Butylbenzene

Concen: 18.198 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

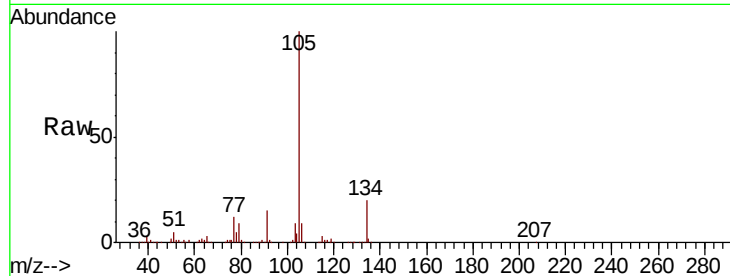
VX1022WBSD02

Tot Ion:105 Resp: 230709

Ion Ratio Lower Upper

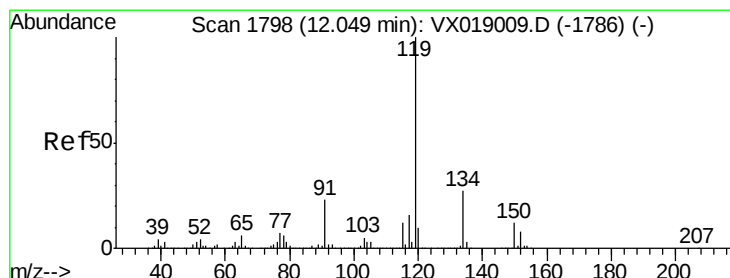
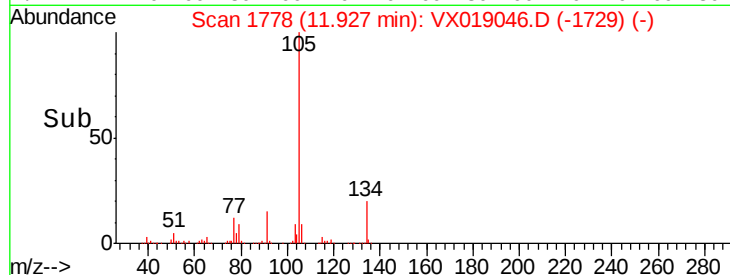
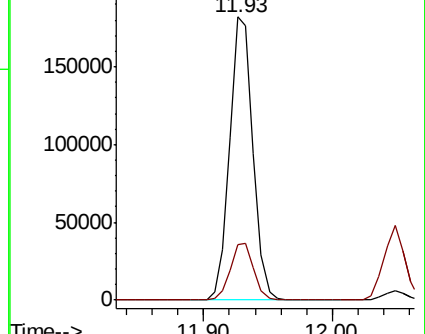
105 100

134 20.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.054 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

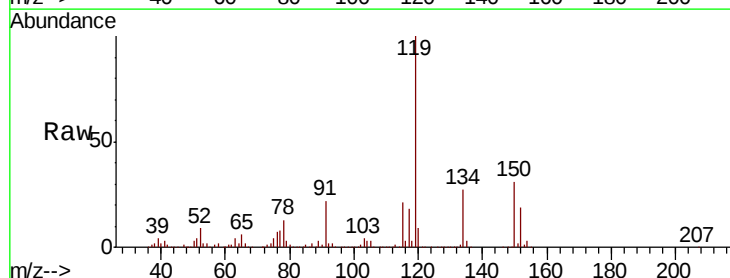
Tgt Ion:119 Resp: 209131

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

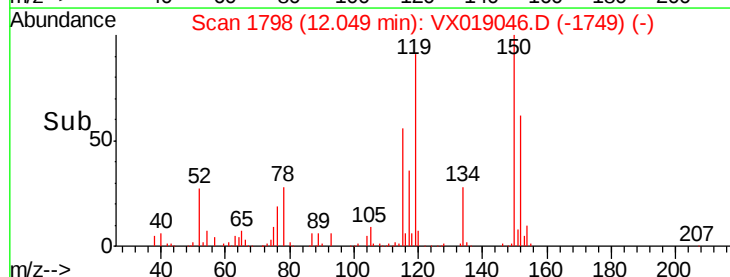
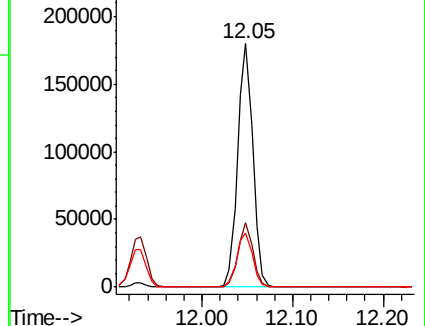
91 23.1 11.4 34.2

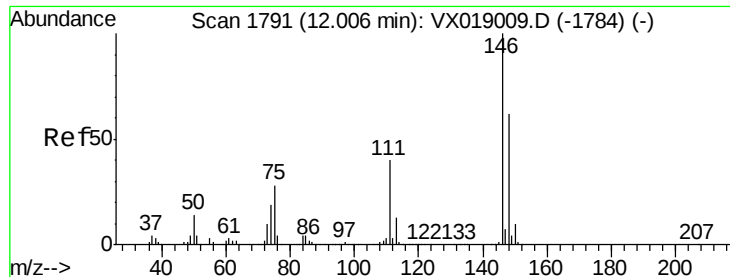


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

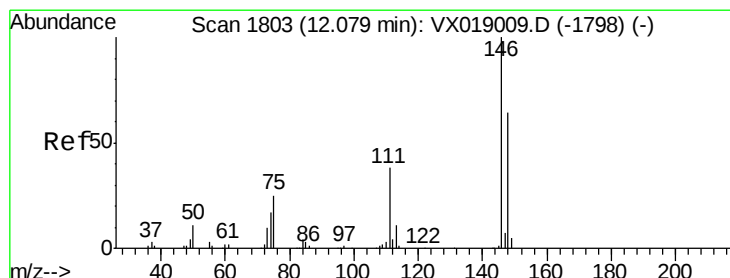
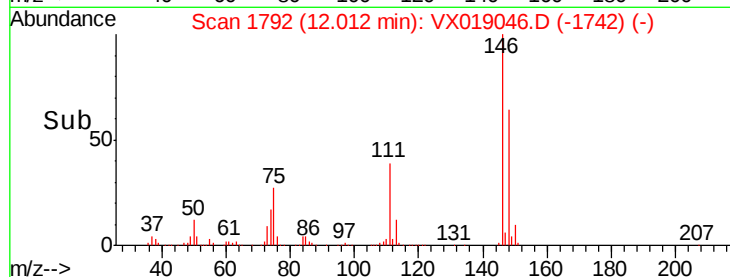
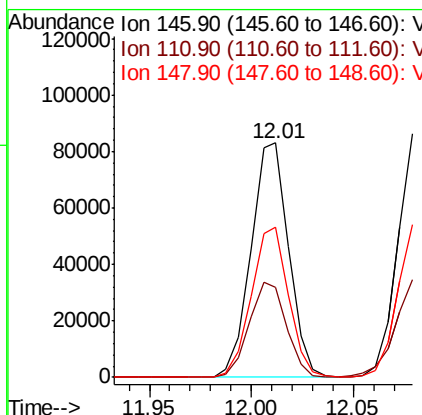
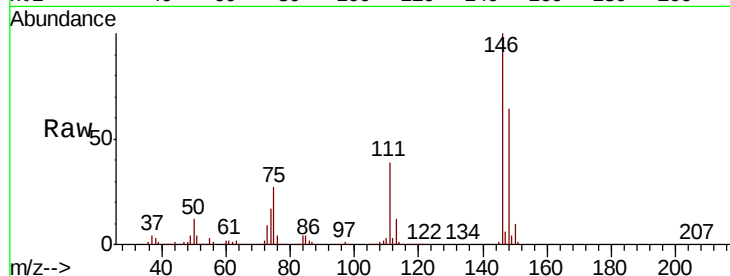




#87
 1,3-Dichlorobenzene
 Concen: 17.916 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

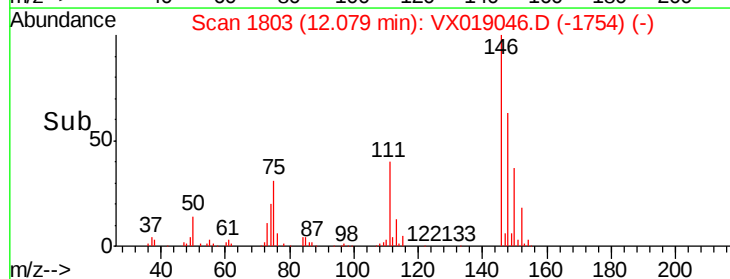
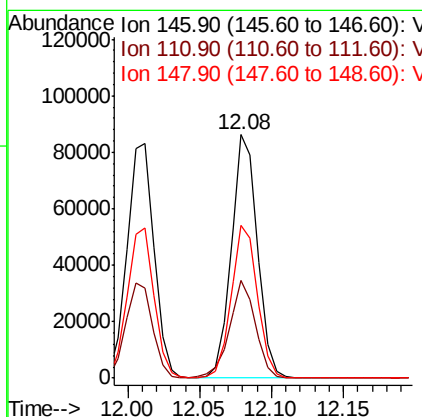
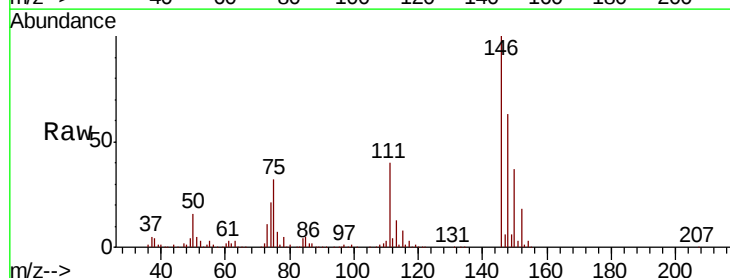
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

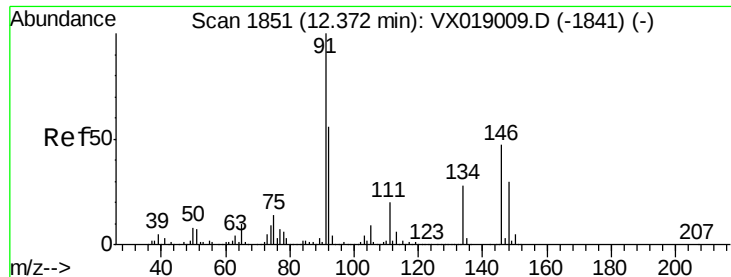
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.7	59.1
148	63.2	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 17.809 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.4	58.2
148	63.7	32.2	96.6





#89

n-Butylbenzene

Concen: 17.435 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

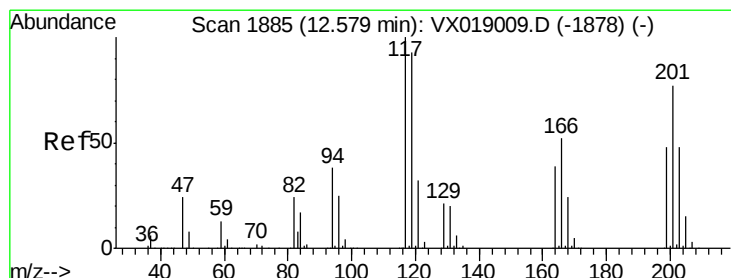
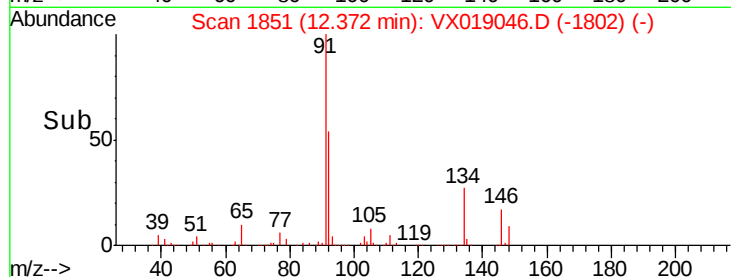
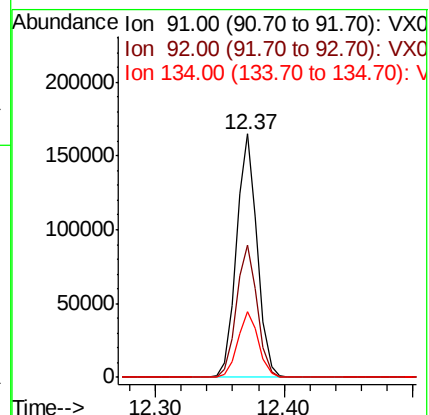
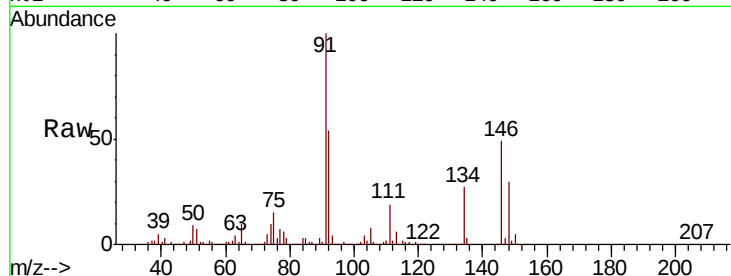
Tot Ion: 91 Resp: 184870

Ion Ratio Lower Upper

91 100

92 54.7 27.3 81.9

134 26.9 13.6 40.7



#90

Hexachloroethane

Concen: 17.845 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019046.D

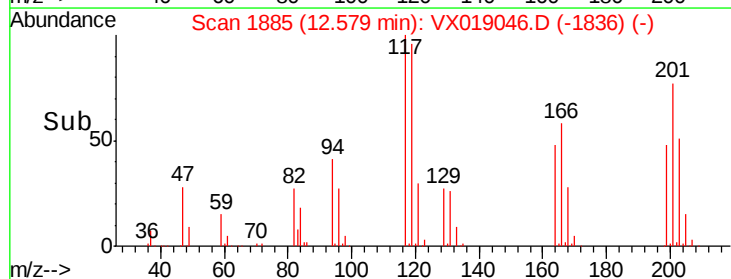
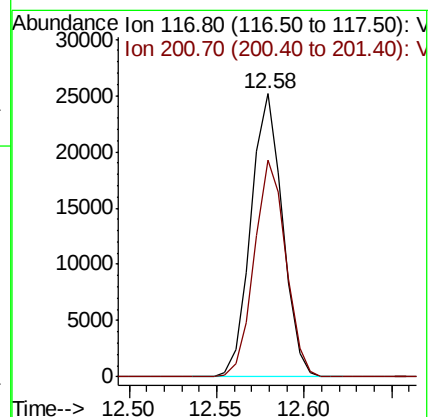
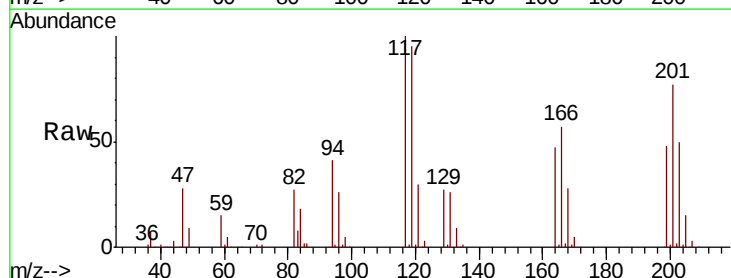
Acq: 22 Oct 2020 23:28

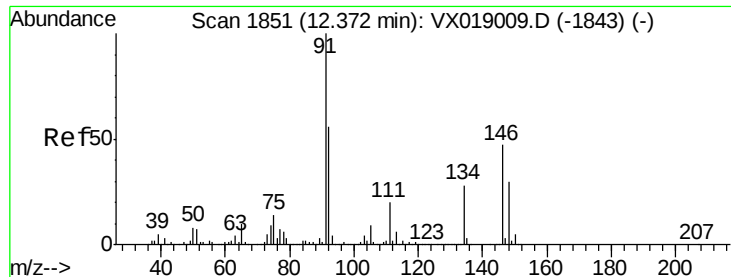
Tgt Ion: 117 Resp: 31646

Ion Ratio Lower Upper

117 100

201 76.3 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 18.728 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

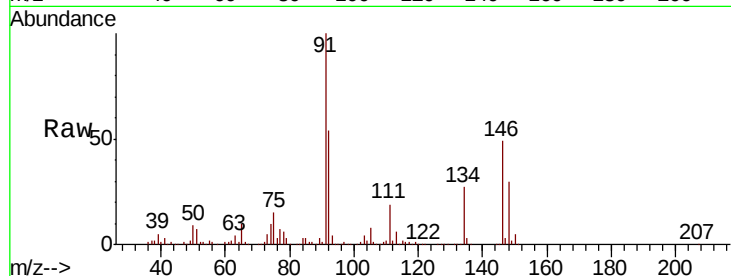
Tot Ion:146 Resp: 104183

Ion Ratio Lower Upper

146 100

111 40.4 19.9 59.7

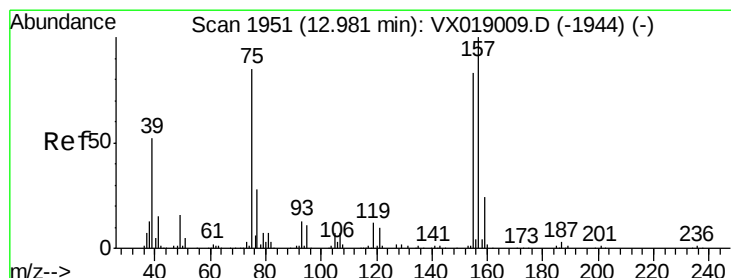
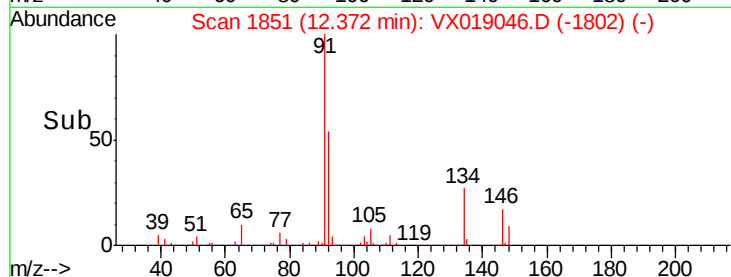
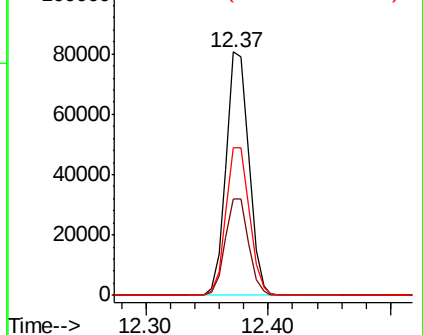
148 62.2 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.733 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

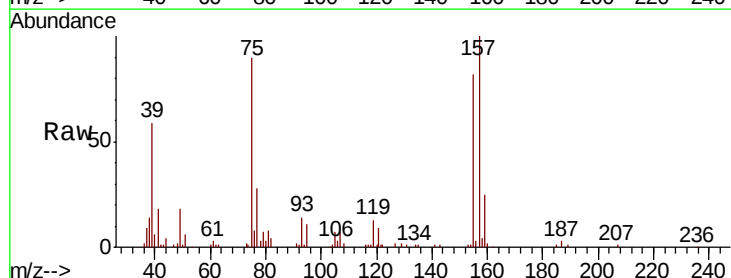
Tgt Ion: 75 Resp: 15666

Ion Ratio Lower Upper

75 100

155 92.2 47.3 142.0

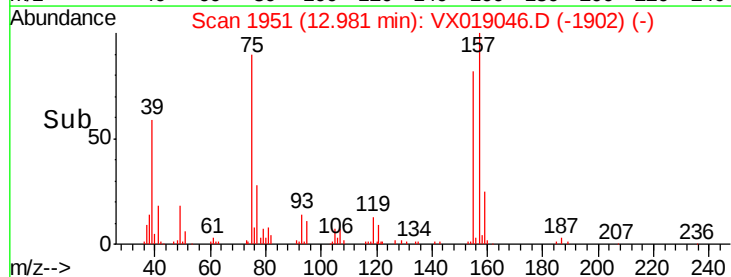
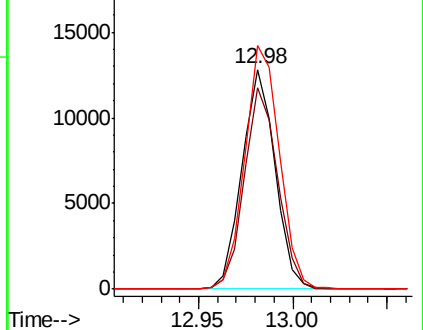
157 115.9 59.7 179.0

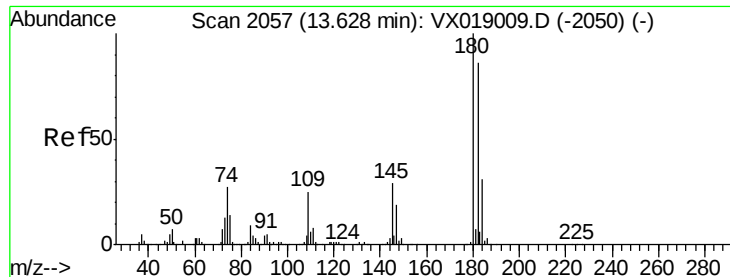


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

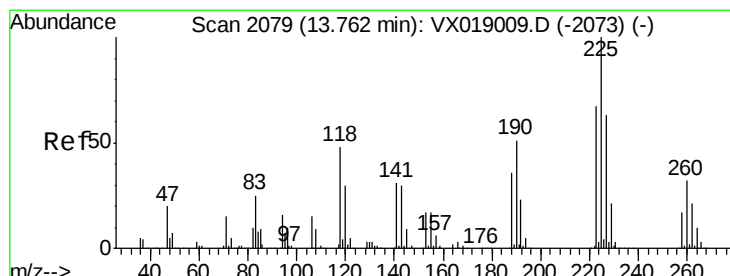
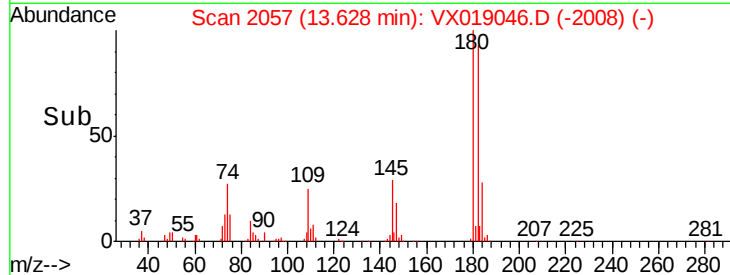
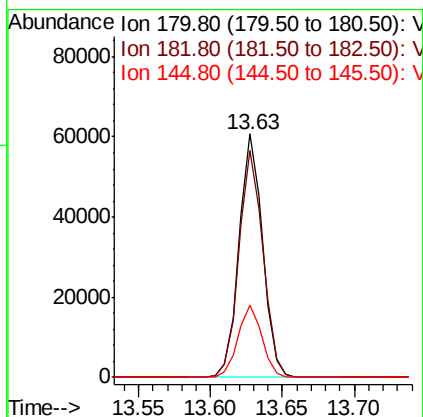
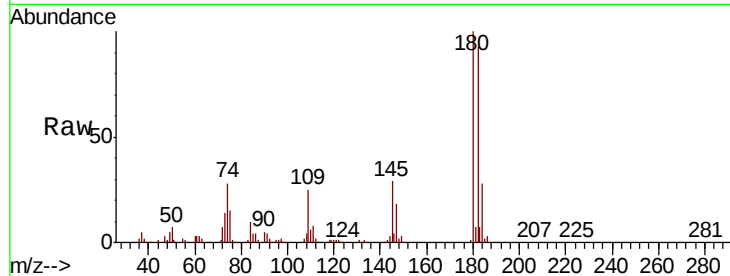




#93
 1,2,4-Trichlorobenzene
 Concen: 16.972 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

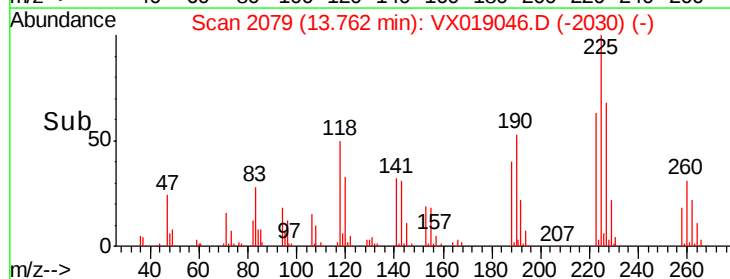
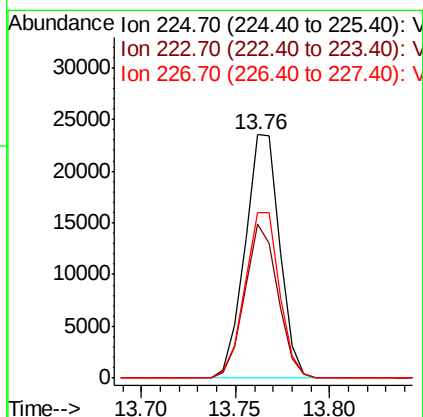
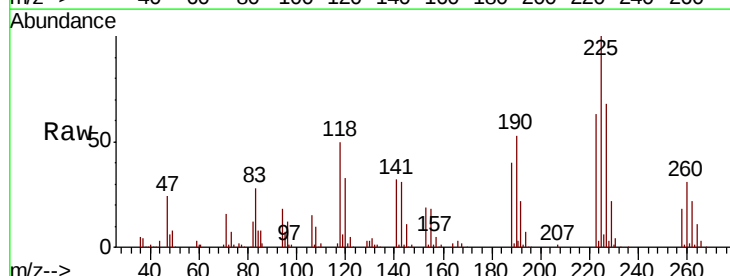
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

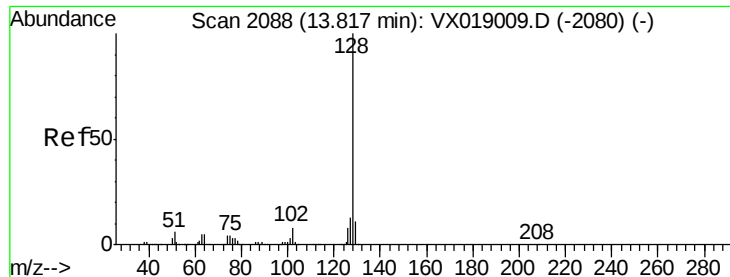
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.4	139.2
145	29.9	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 15.905 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	32.5	97.4
227	67.9	31.9	95.7





#95

Naphthalene

Concen: 18.103 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

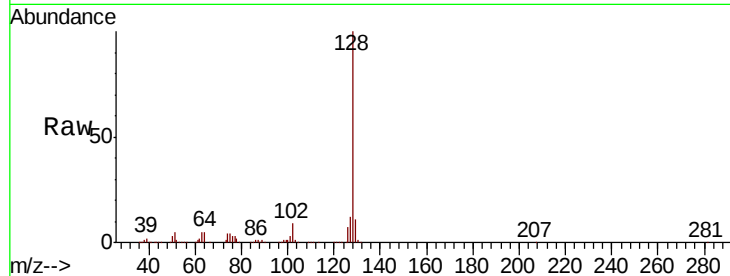
Tot Ion:128 Resp: 231811

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

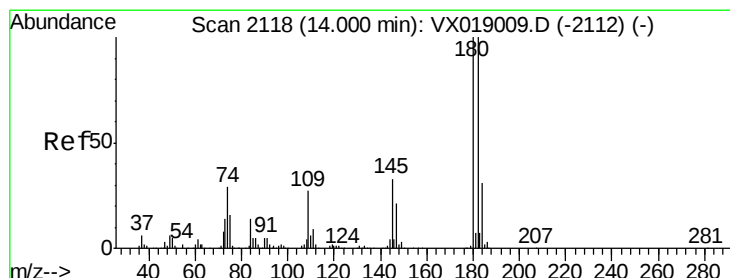
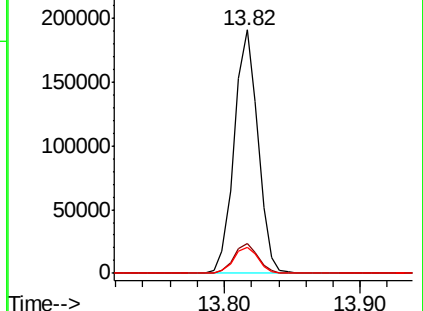
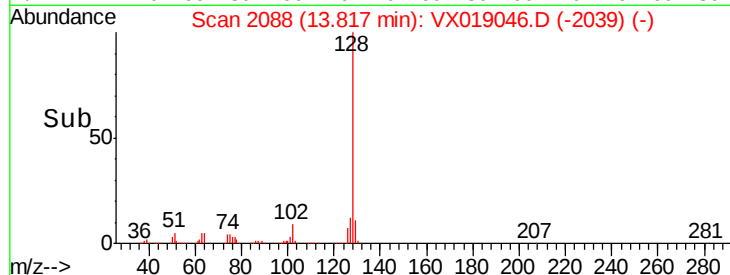
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.412 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

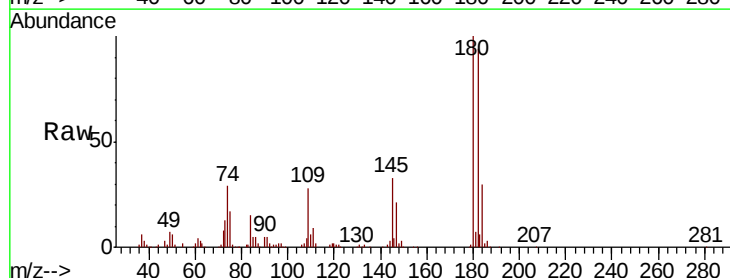
Tgt Ion:180 Resp: 68976

Ion Ratio Lower Upper

180 100

182 94.1 47.3 142.0

145 31.9 15.9 47.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

