

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019045.D
 Acq On : 22 Oct 2020 23:05
 Operator : JC/SP
 Sample : VX1022WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS02

Quant Time: Oct 23 08:36:48 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	217006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	372191	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	346446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	176990	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	135908	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
35) Dibromofluoromethane	5.46	113	116525	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	8.70	98	450146	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.12	95	160601	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	44717	20.687	ug/l	100
3) Chloromethane	1.31	50	41222	19.180	ug/l	100
4) Vinyl Chloride	1.39	62	50714	19.998	ug/l	98
5) Bromomethane	1.64	94	52329	19.204	ug/l	97
6) Chloroethane	1.71	64	34266	17.667	ug/l	99
7) Trichlorofluoromethane	1.92	101	85614	19.978	ug/l	100
8) Diethyl Ether	2.17	74	32306	19.252	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	39987	19.696	ug/l	99
10) Methyl Iodide	2.50	142	36120	16.183	ug/l	100
11) Tert butyl alcohol	3.03	59	53598	101.808	ug/l	99
12) 1,1-Dichloroethene	2.36	96	41404	19.603	ug/l	97
13) Acrolein	2.28	56	16508	92.248	ug/l	98
14) Allyl chloride	2.71	41	51380	18.804	ug/l	100
15) Acrylonitrile	3.12	53	100192	98.416	ug/l	99
16) Acetone	2.42	43	85689	96.782	ug/l	99
17) Carbon Disulfide	2.55	76	110325	18.111	ug/l	99
18) Methyl Acetate	2.75	43	45636	20.771	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	131076	19.591	ug/l	99
20) Methylene Chloride	2.84	84	49093	19.917	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	46901	19.029	ug/l	96
22) Diisopropyl ether	3.82	45	105660	19.610	ug/l	96
23) Vinyl Acetate	3.79	43	504028	98.515	ug/l	100
24) 1,1-Dichloroethane	3.67	63	77892	19.851	ug/l	98
25) 2-Butanone	4.64	43	139458	99.686	ug/l	98
26) 2,2-Dichloropropane	4.55	77	61487	16.971	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	54393	19.446	ug/l	98
28) Bromochloromethane	4.98	49	31405	18.848	ug/l	97
29) Tetrahydrofuran	5.09	42	79954	95.620	ug/l	99
30) Chloroform	5.18	83	86164	20.226	ug/l	95
31) Cyclohexane	5.55	56	59653	19.597	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	76155	19.710	ug/l	99
36) 1,1-Dichloropropene	5.77	75	62918	18.840	ug/l	99
37) Ethyl Acetate	4.79	43	55062	19.317	ug/l	100
38) Carbon Tetrachloride	5.76	117	63565	18.134	ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS02

Quant Time: Oct 23 08:36:48 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)
39) Methylcyclohexane	7.44	83	68502	18.308	ug/l	98
40) Benzene	6.11	78	191745	19.495	ug/l	98
41) Methacrylonitrile	5.00	41	28884	18.864	ug/l	99
42) 1,2-Dichloroethane	6.16	62	66259	19.740	ug/l	99
43) Isopropyl Acetate	6.41	43	90344	18.714	ug/l	99
44) Trichloroethene	7.19	130	53294	18.580	ug/l	95
45) 1,2-Dichloropropane	7.49	63	46100	19.540	ug/l	100
46) Dibromomethane	7.63	93	33802	18.811	ug/l	98
47) Bromodichloromethane	7.88	83	67282	19.096	ug/l	98
48) Methyl methacrylate	7.74	41	42831	18.006	ug/l	99
49) 1,4-Dioxane	7.73	88	20843	387.818	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	279282	98.178	ug/l	100
52) Toluene	8.77	92	124075	19.099	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	71746	18.033	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	77203	18.375	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	50638	19.121	ug/l	99
56) Ethyl methacrylate	9.16	69	72713	19.084	ug/l	98
57) 1,3-Dichloropropane	9.35	76	82043	19.518	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	187113	93.487	ug/l	99
59) 2-Hexanone	9.48	43	212127	100.065	ug/l	98
60) Dibromochloromethane	9.57	129	52935	18.339	ug/l	98
61) 1,2-Dibromoethane	9.65	107	53734	18.964	ug/l	100
64) Tetrachloroethene	9.32	164	48588	18.421	ug/l	91
65) Chlorobenzene	10.12	112	135562	18.654	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	49309	19.085	ug/l	99
67) Ethyl Benzene	10.24	91	240416	19.193	ug/l	99
68) m/p-Xylenes	10.34	106	184120	38.371	ug/l	100
69) o-Xylene	10.68	106	88097	19.183	ug/l	99
70) Styrene	10.70	104	148041	18.987	ug/l	99
71) Bromoform	10.84	173	36692	17.592	ug/l #	97
73) Isopropylbenzene	11.00	105	238065	18.698	ug/l	99
74) N-amyl acetate	10.88	43	77091	18.898	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	75834	19.771	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	85604	24.199	ug/l	85
77) Bromobenzene	11.24	156	59502	18.504	ug/l	100
78) n-propylbenzene	11.34	91	266630	18.481	ug/l	99
79) 2-Chlorotoluene	11.40	91	156036	18.539	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	195949	18.637	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	23057	16.606	ug/l	97
82) 4-Chlorotoluene	11.49	91	186408	18.613	ug/l	98
83) tert-Butylbenzene	11.76	119	190166	18.360	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	198102	18.816	ug/l	99
85) sec-Butylbenzene	11.93	105	231437	18.465	ug/l	98
86) p-Isopropyltoluene	12.05	119	211302	18.451	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	108651	18.420	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	110545	18.262	ug/l	98
89) n-Butylbenzene	12.37	91	189353	18.063	ug/l	99
90) Hexachloroethane	12.58	117	31756	18.113	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	104375	18.978	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16023	18.345	ug/l	94

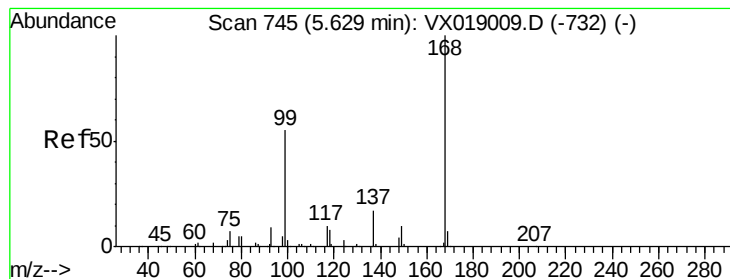
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
Data File : VX019045.D
Acq On : 22 Oct 2020 23:05
Operator : JC/SP
Sample : VX1022WBS02
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Quant Time: Oct 23 08:36:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : 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)
93) 1,2,4-Trichlorobenzene	13.63	180	72372	17.987	ug/l	97
94) Hexachlorobutadiene	13.76	225	29748	15.947	ug/l	97
95) Naphthalene	13.82	128	231035	18.250	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	67507	17.237	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

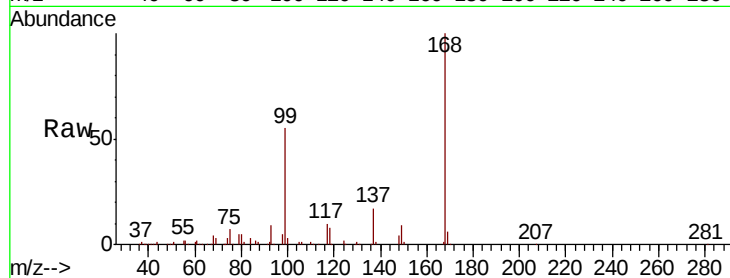
VX1022WBS02

Tot Ion:168 Resp: 217006

Ion Ratio Lower Upper

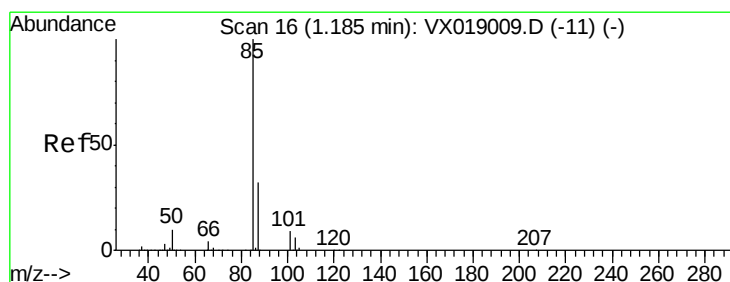
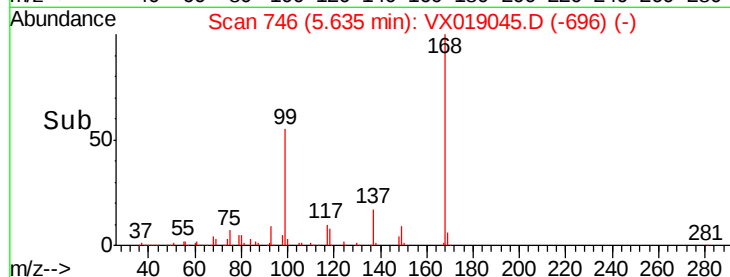
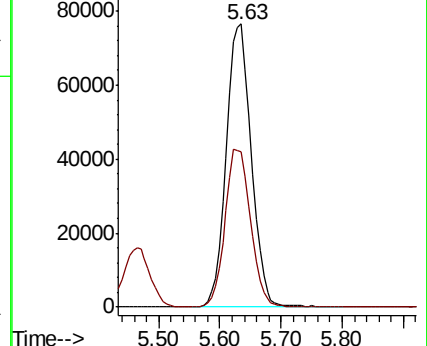
168 100

99 54.7 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.687 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019045.D

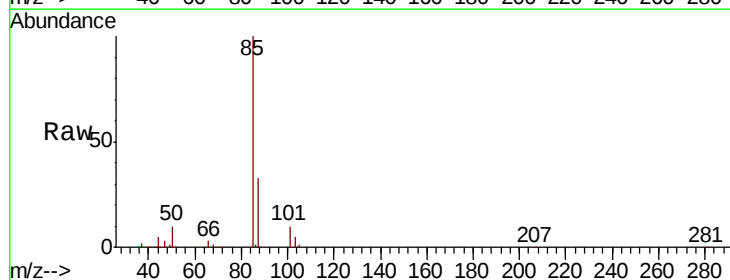
Acq: 22 Oct 2020 23:05

Tgt Ion: 85 Resp: 44717

Ion Ratio Lower Upper

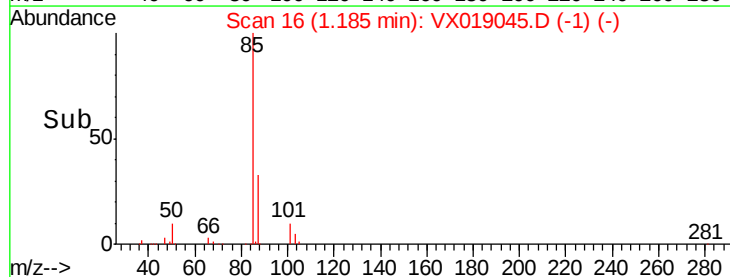
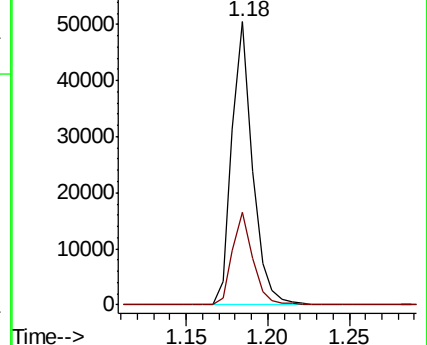
85 100

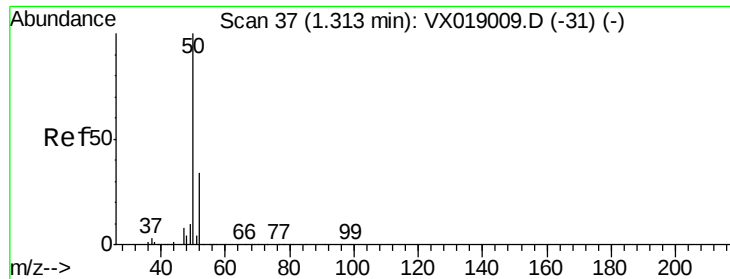
87 32.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.180 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

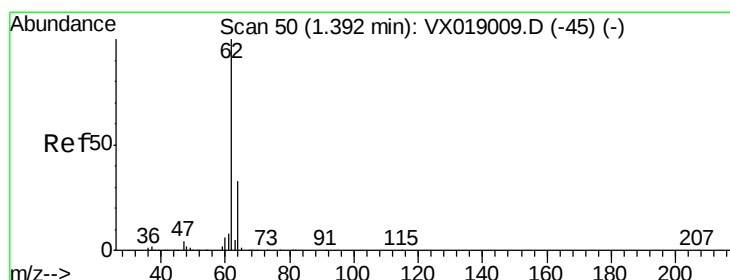
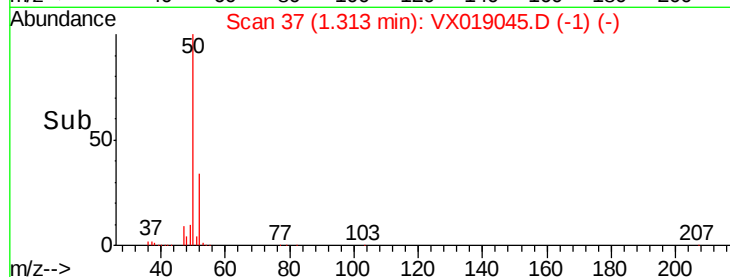
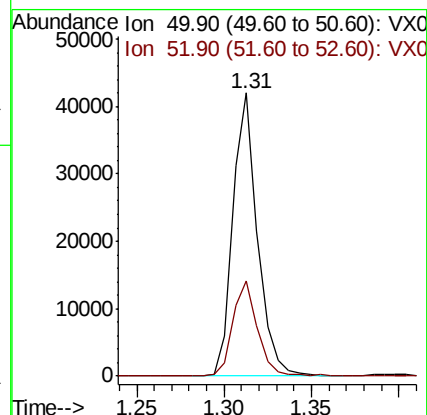
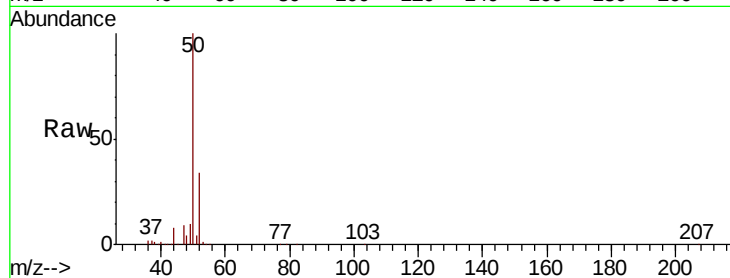
VX1022WBS02

Tot Ion: 50 Resp: 41222

Ion Ratio Lower Upper

50 100

52 33.8 27.0 40.6



#4

Vinyl Chloride

Concen: 19.998 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019045.D

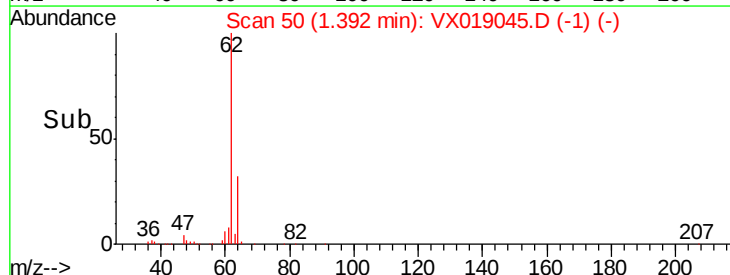
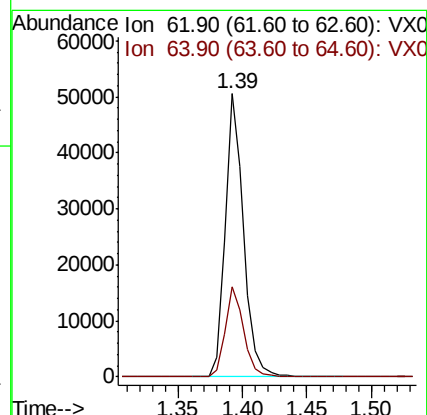
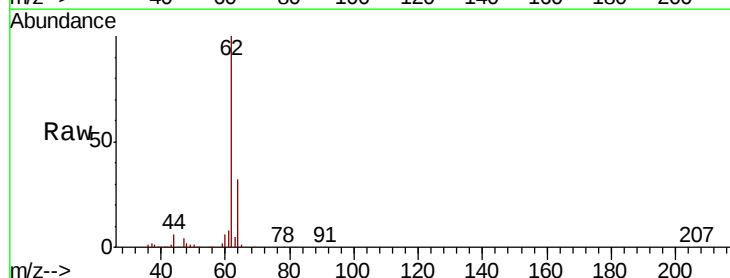
Acq: 22 Oct 2020 23:05

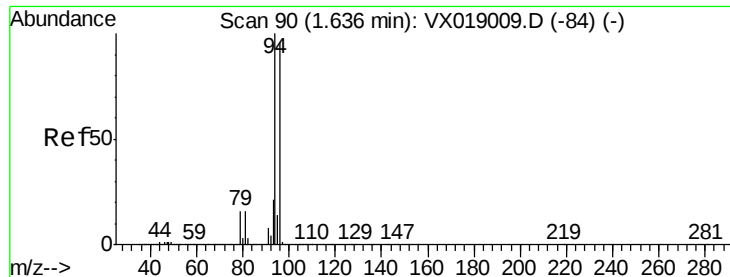
Tgt Ion: 62 Resp: 50714

Ion Ratio Lower Upper

62 100

64 31.8 26.5 39.7





#5

Bromomethane

Concen: 19.204 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

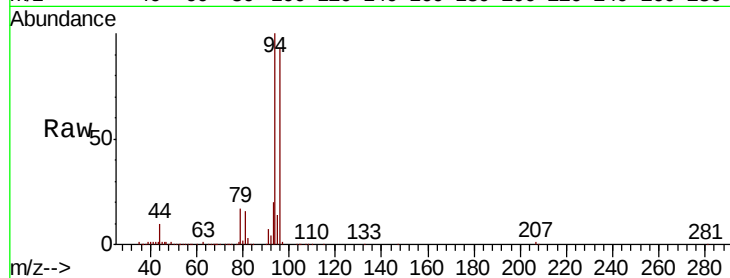
VX1022WBS02

Tot Ion: 94 Resp: 52329

Ion Ratio Lower Upper

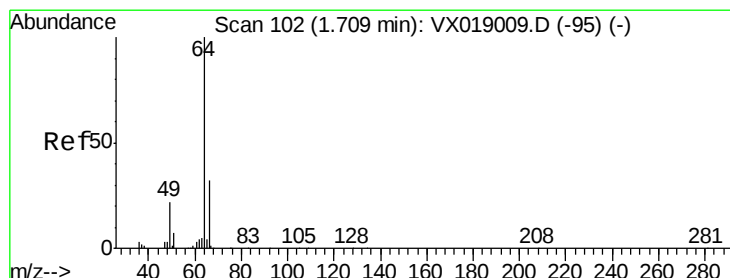
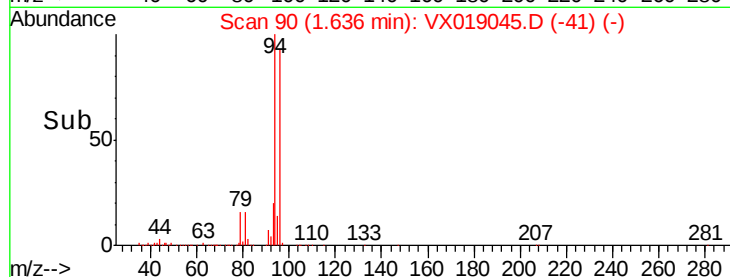
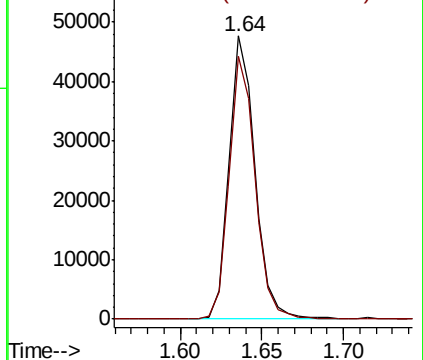
94 100

96 93.0 77.1 115.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.667 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019045.D

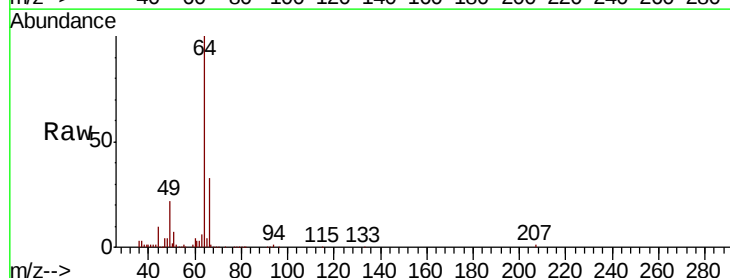
Acq: 22 Oct 2020 23:05

Tgt Ion: 64 Resp: 34266

Ion Ratio Lower Upper

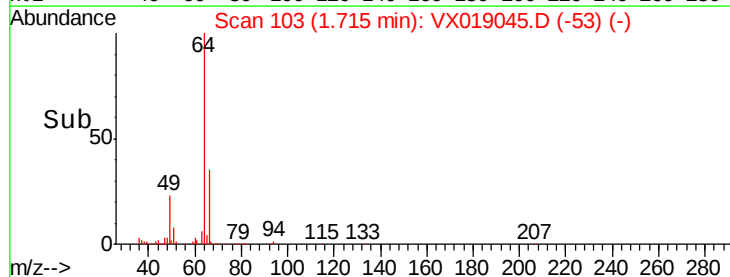
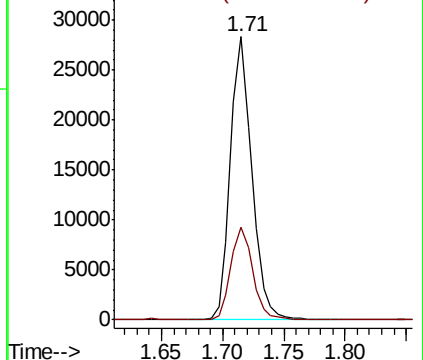
64 100

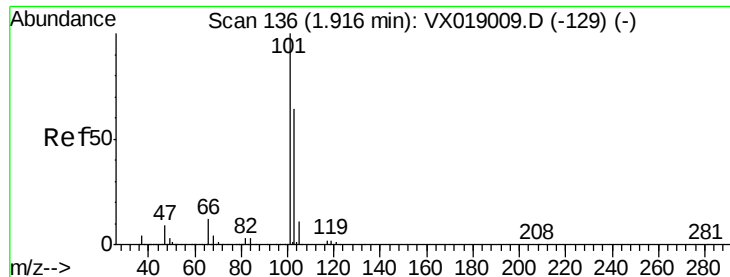
66 32.6 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



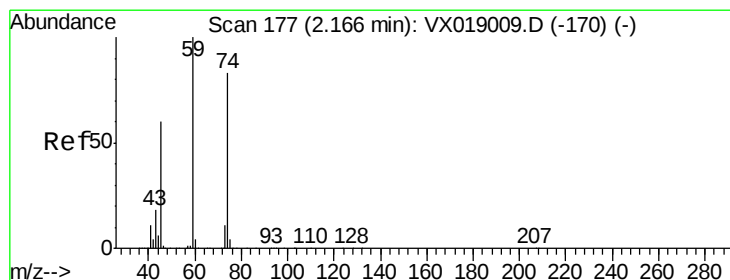
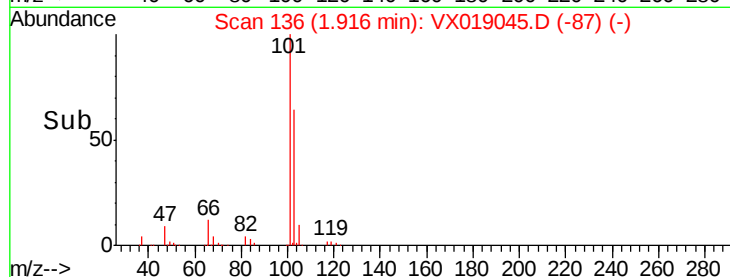
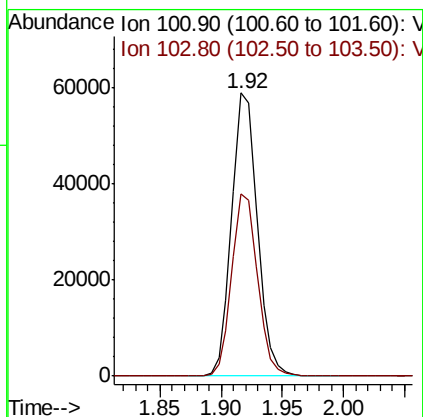
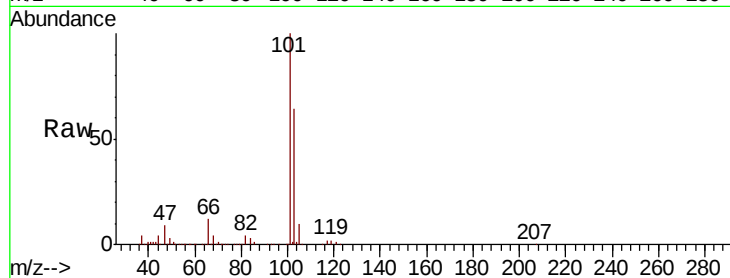


#7

Trichlorofluoromethane
Concen: 19.978 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS02

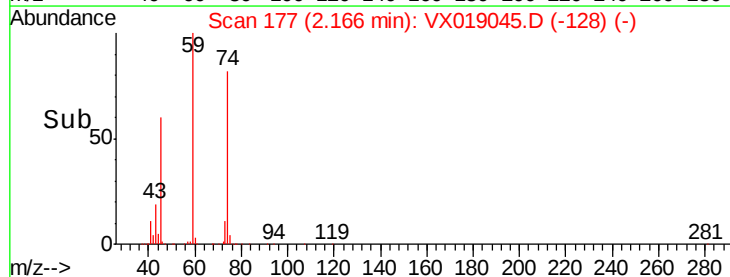
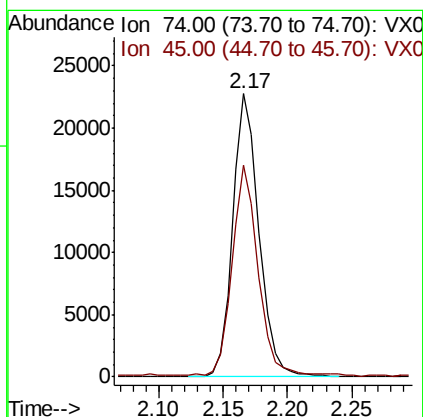
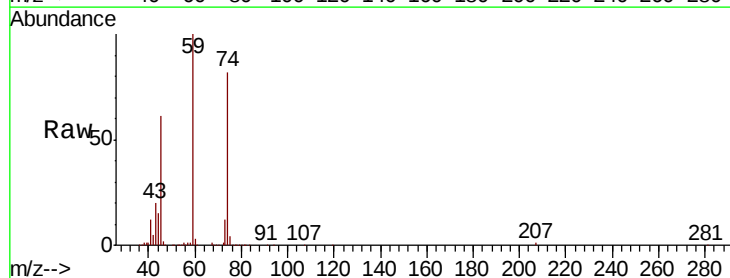
Tot Ion:101 Resp: 85614
Ion Ratio Lower Upper
101 100
103 64.3 51.2 76.8

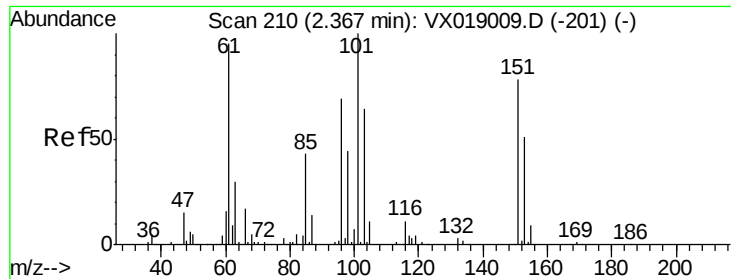


#8

Diethyl Ether
Concen: 19.252 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

Tgt Ion: 74 Resp: 32306
Ion Ratio Lower Upper
74 100
45 74.1 36.8 110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.696 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS02

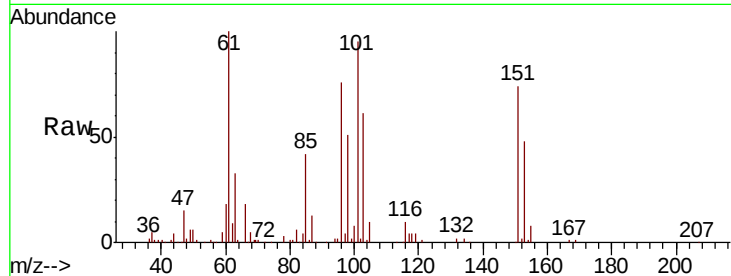
Tot Ion:101 Resp: 39987

Ion Ratio Lower Upper

101 100

85 43.2 35.2 52.8

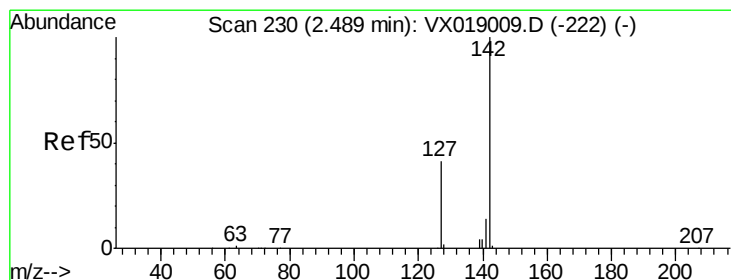
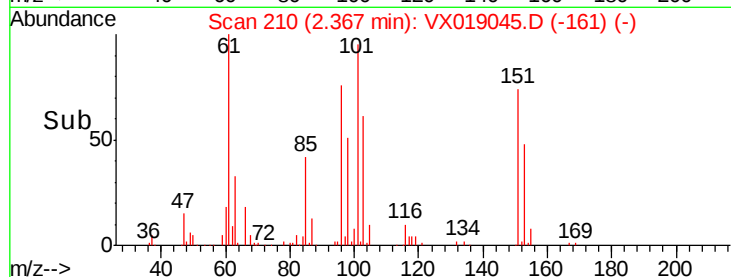
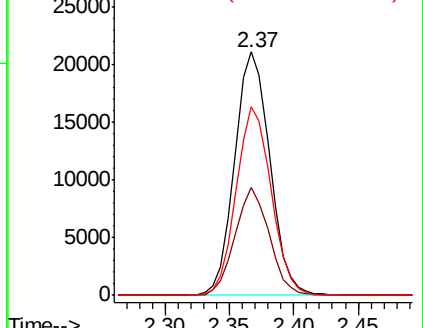
151 76.8 62.4 93.6



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: 16.183 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

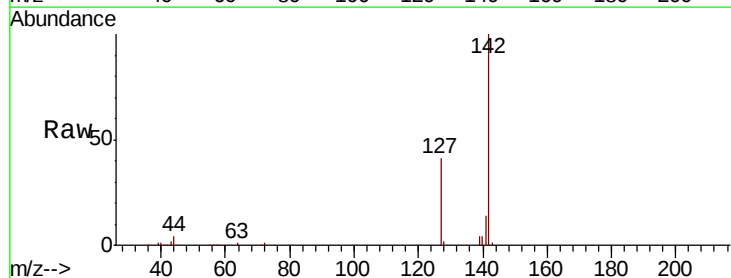
Tgt Ion:142 Resp: 36120

Ion Ratio Lower Upper

142 100

127 42.1 33.6 50.4

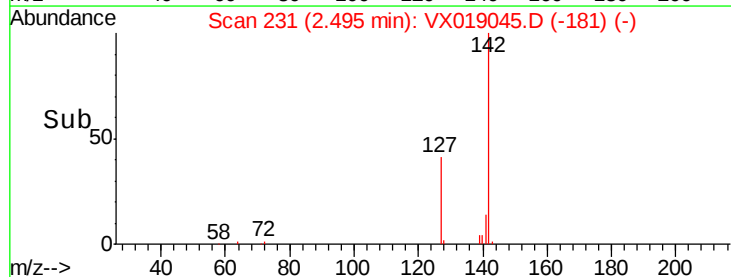
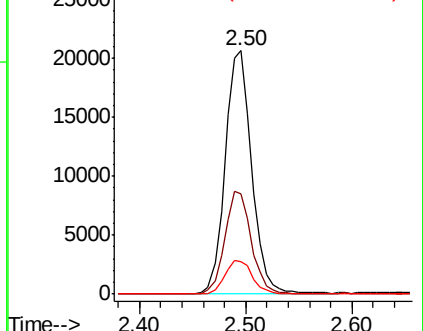
141 14.0 11.2 16.8

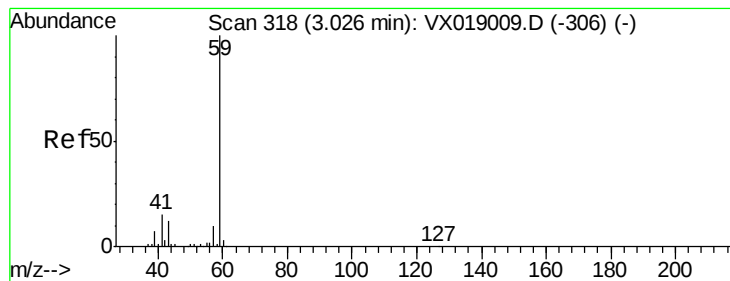


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



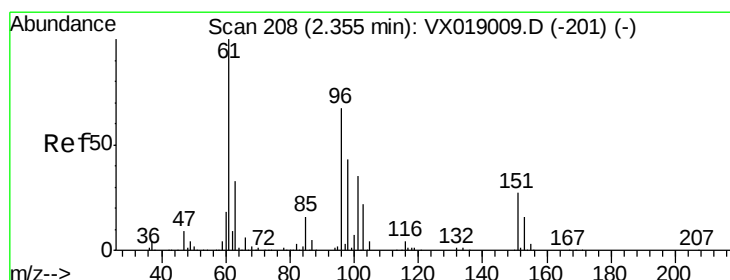
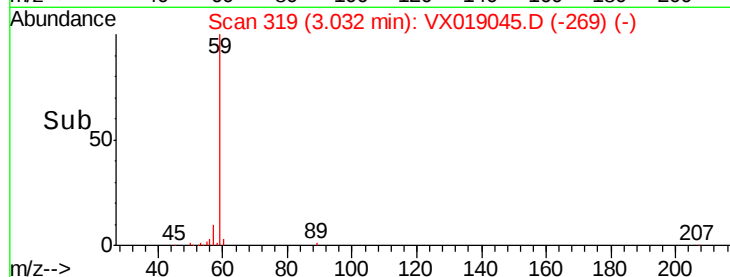
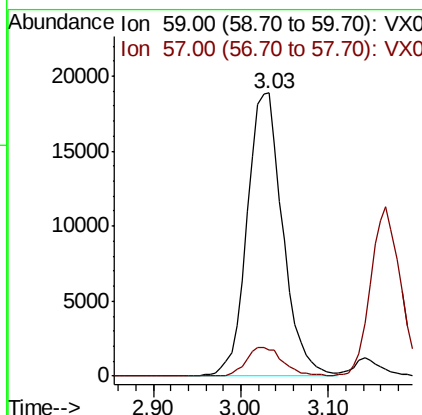
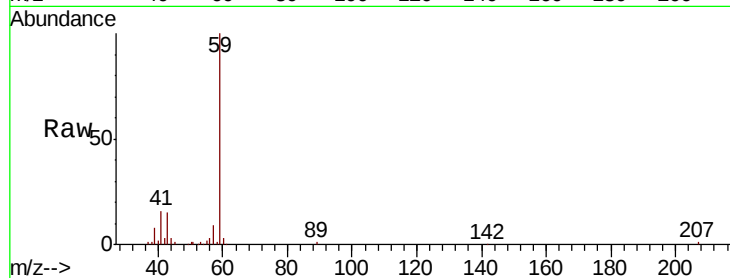


#11

Tert butyl alcohol
 Concen: 101.808 ug/l
 RT: 3.03 min Scan# 319
 Delta R.T. 0.01 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS02

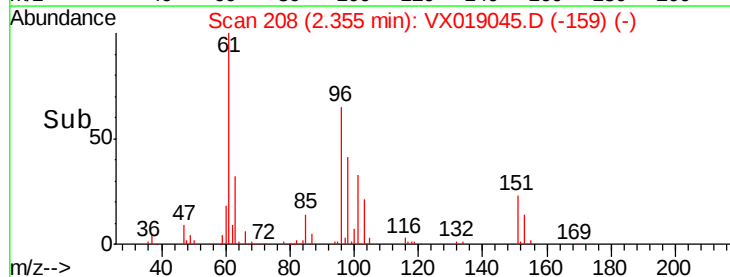
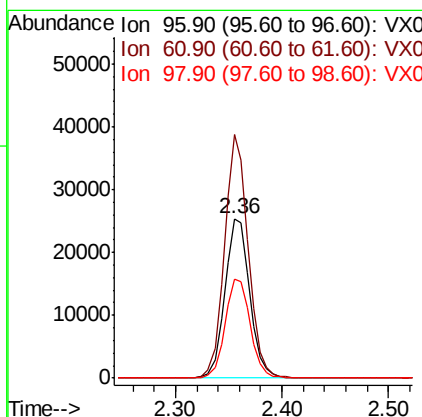
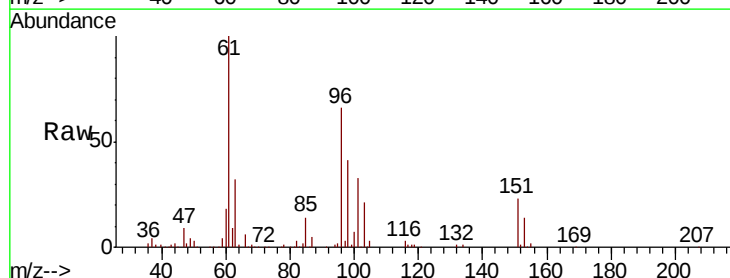
Tot Ion: 59 Resp: 53598
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

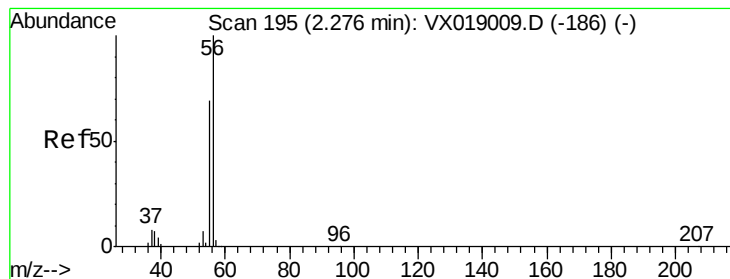


#12

1,1-Dichloroethene
 Concen: 19.603 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

Tgt Ion: 96 Resp: 41404
 Ion Ratio Lower Upper
 96 100
 61 152.6 119.0 178.6
 98 62.0 51.0 76.4





#13

Acrolein

Concen: 92.248 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

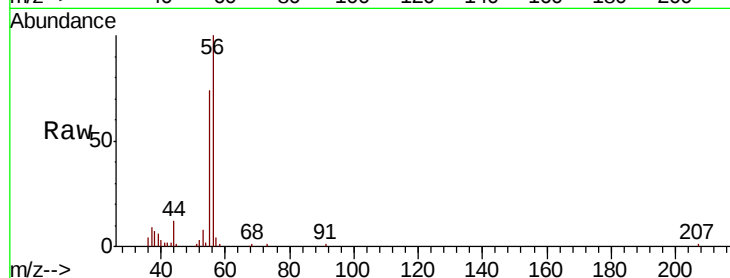
VX1022WBS02

Tot Ion: 56 Resp: 16508

Ion Ratio Lower Upper

56 100

55 69.5 54.2 81.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

12000

10000

8000

6000

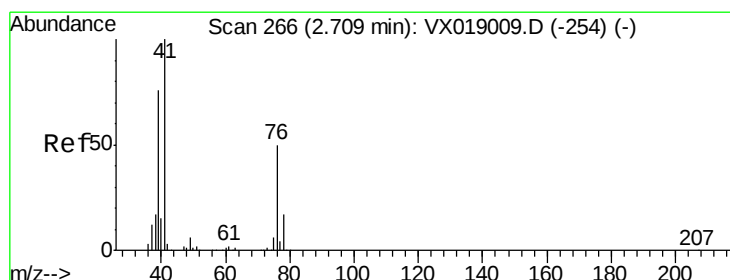
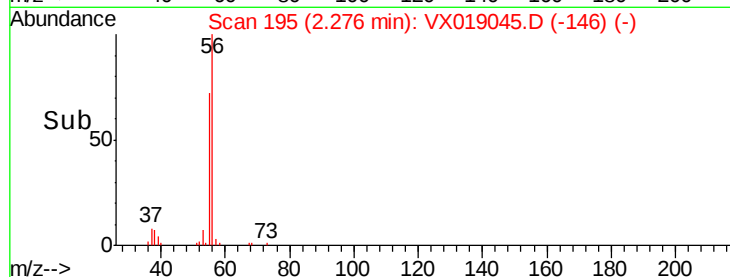
4000

2000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 18.804 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

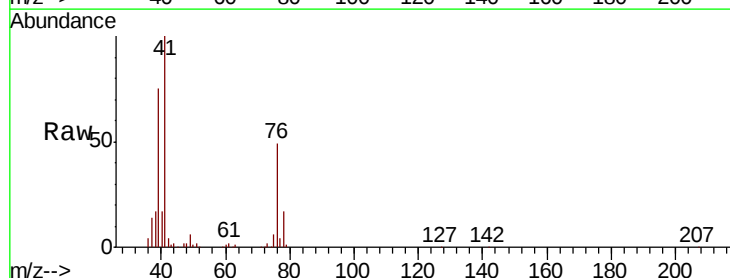
Tgt Ion: 41 Resp: 51380

Ion Ratio Lower Upper

41 100

39 71.5 57.4 86.0

76 46.5 37.7 56.5



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

30000

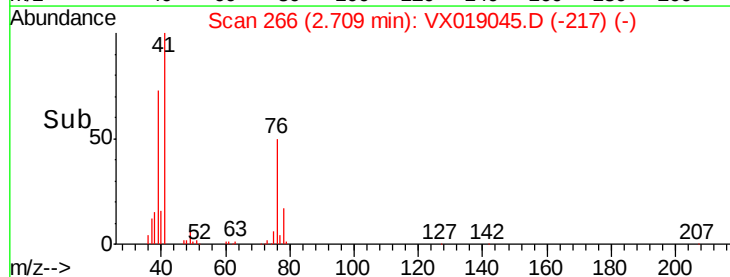
20000

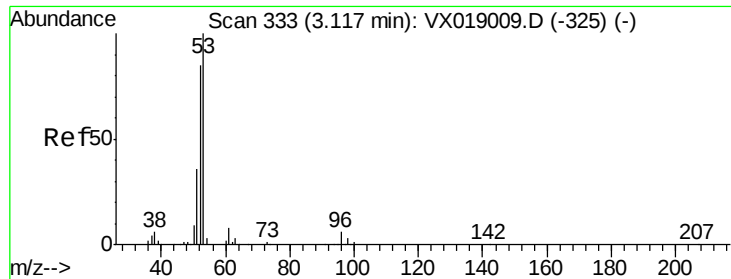
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 98.416 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS02

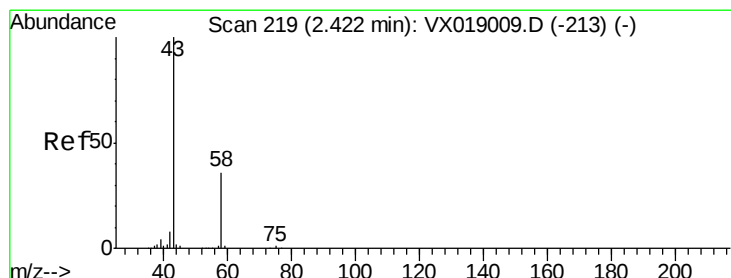
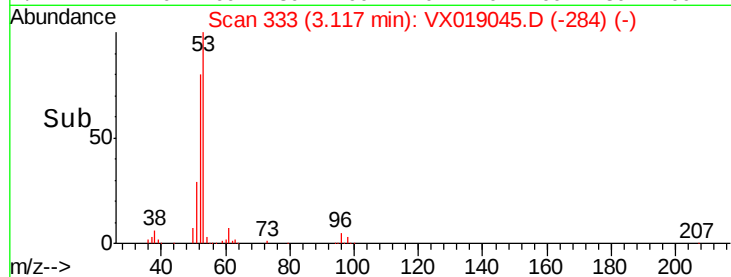
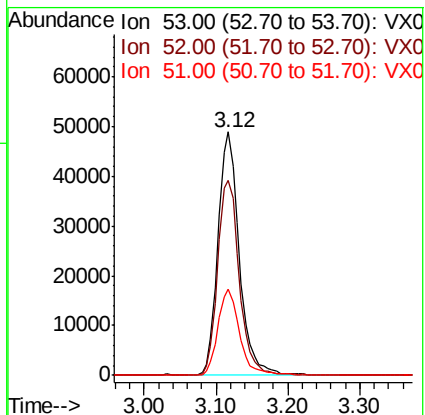
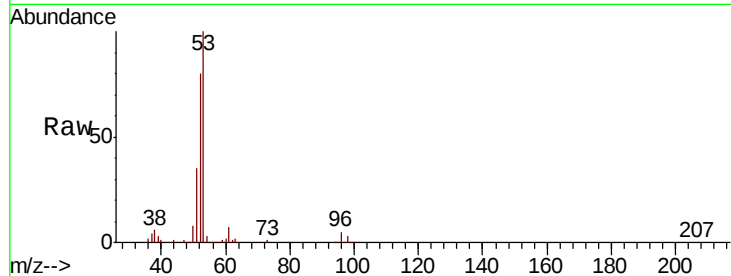
Tot Ion: 53 Resp: 100192

Ion Ratio Lower Upper

53 100

52 81.8 65.9 98.9

51 35.9 28.3 42.5



#16

Acetone

Concen: 96.782 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019045.D

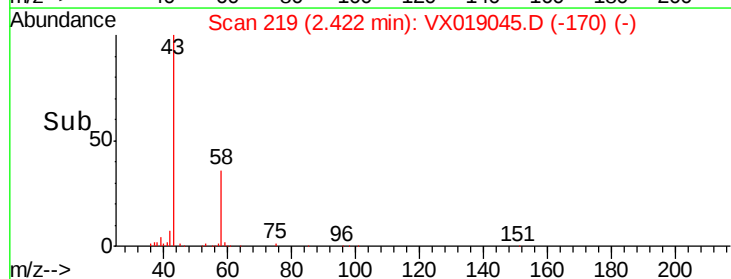
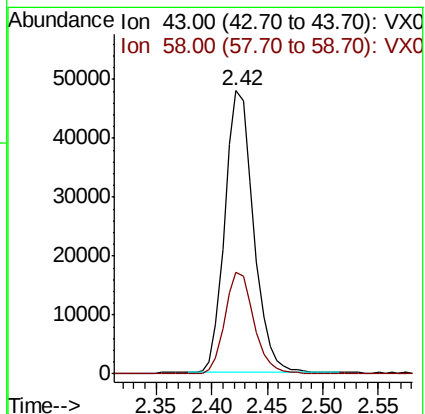
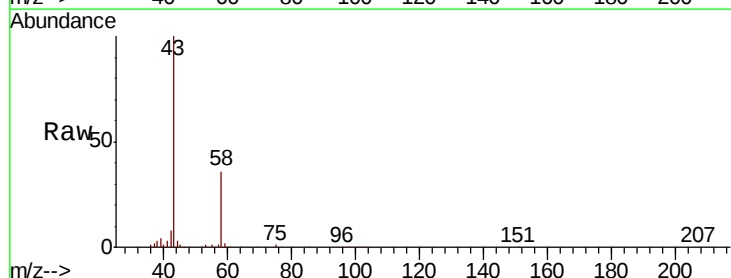
Acq: 22 Oct 2020 23:05

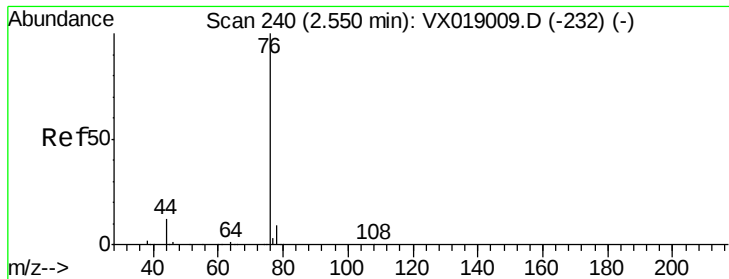
Tgt Ion: 43 Resp: 85689

Ion Ratio Lower Upper

43 100

58 36.3 28.6 42.8

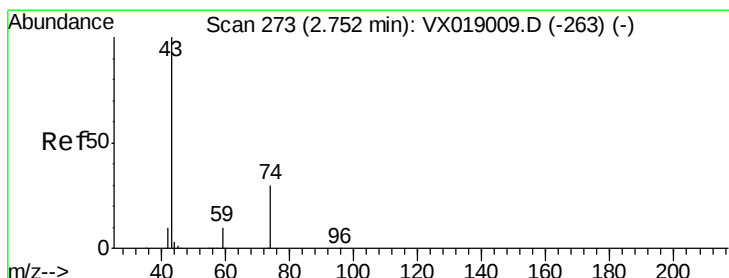
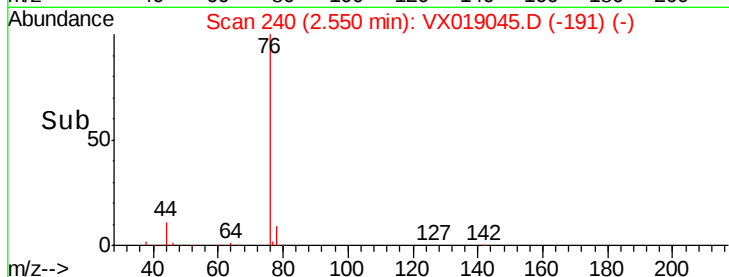
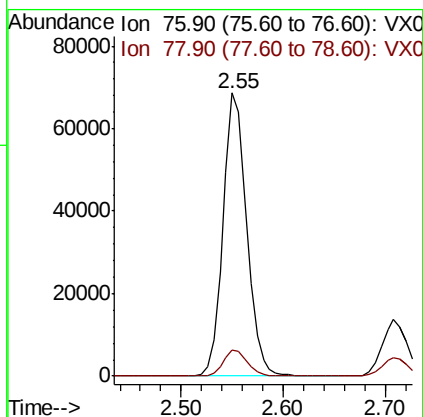
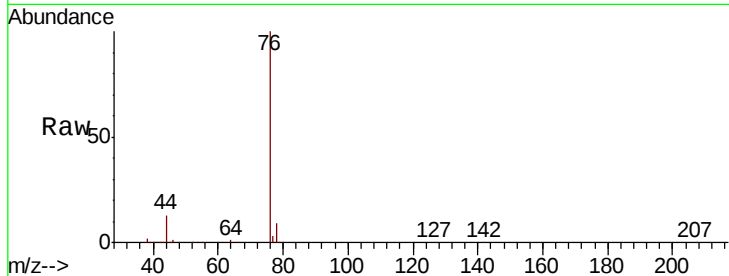




#17
Carbon Disulfide
Concen: 18.111 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

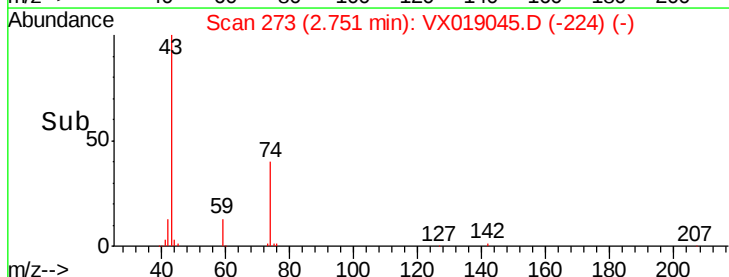
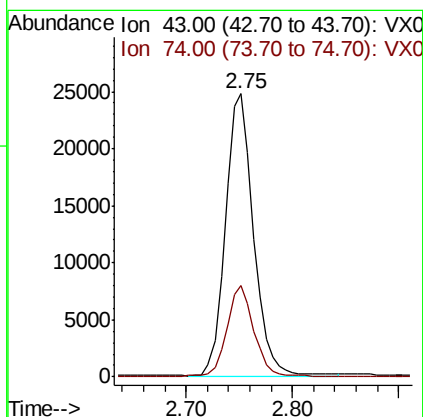
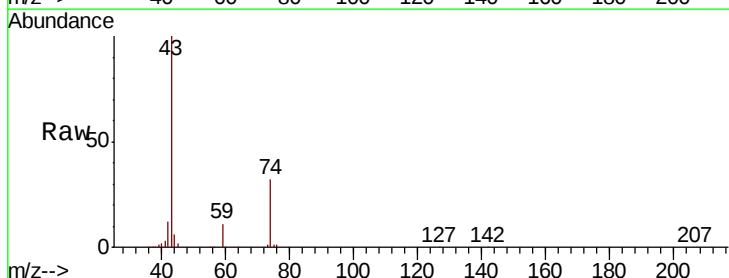
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS02

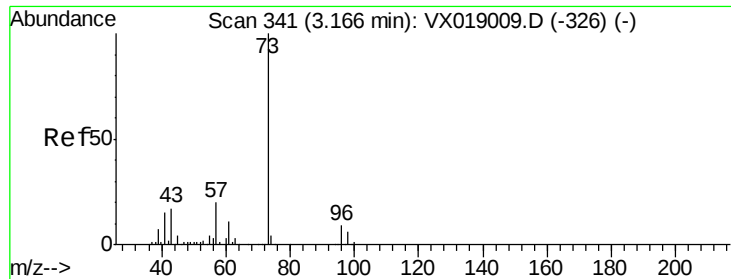
Tot Ion: 76 Resp: 110325
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 20.771 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

Tgt Ion: 43 Resp: 45636
Ion Ratio Lower Upper
43 100
74 31.3 24.9 37.3

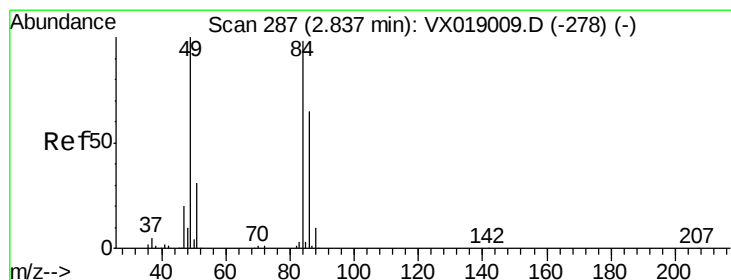
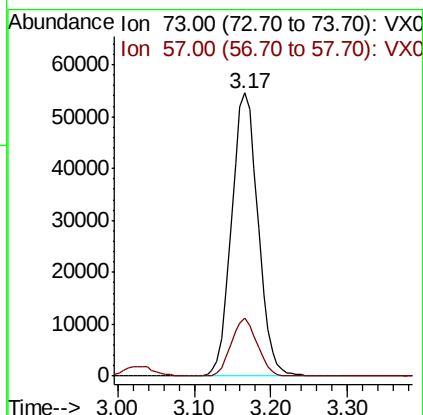
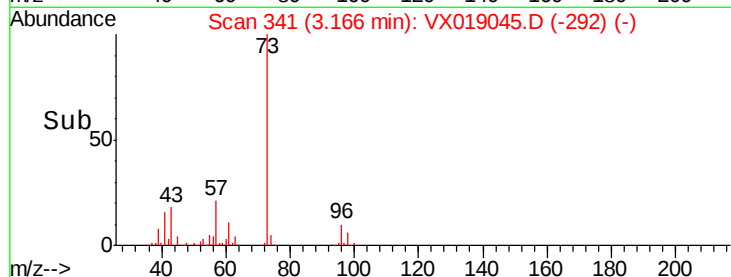
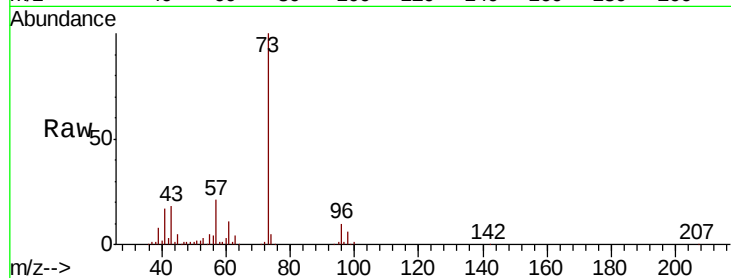




#19
Methyl tert-butyl Ether
Concen: 19.591 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

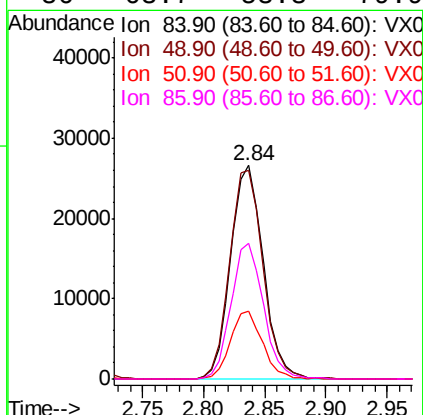
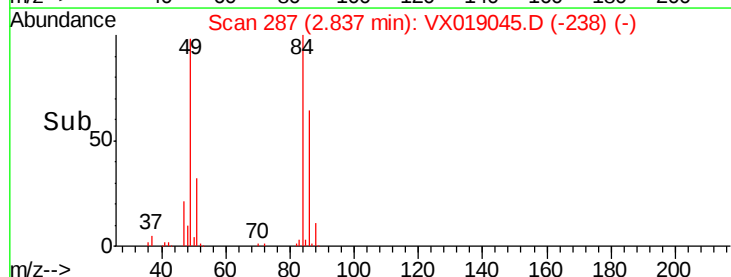
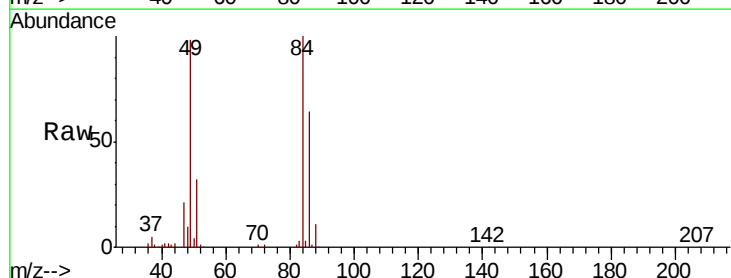
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS02

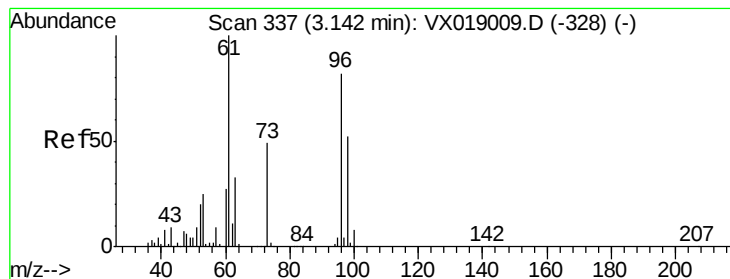
Tot Ion: 73 Resp: 131076
Ion Ratio Lower Upper
73 100
57 20.7 16.2 24.2



#20
Methylene Chloride
Concen: 19.917 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

Tgt Ion: 84 Resp: 49093
Ion Ratio Lower Upper
84 100
49 98.0 81.6 122.4
51 32.0 25.6 38.4
86 63.7 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 19.029 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS02

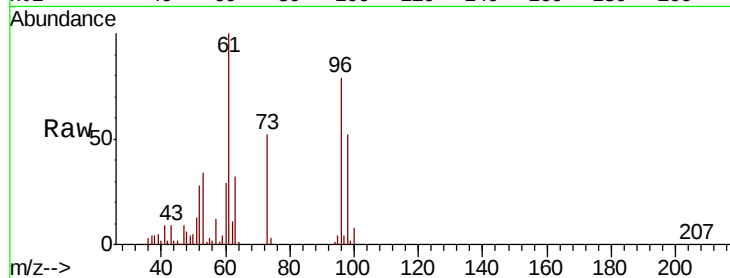
Tot Ion: 96 Resp: 46901

Ion Ratio Lower Upper

96 100

61 127.0 97.8 146.6

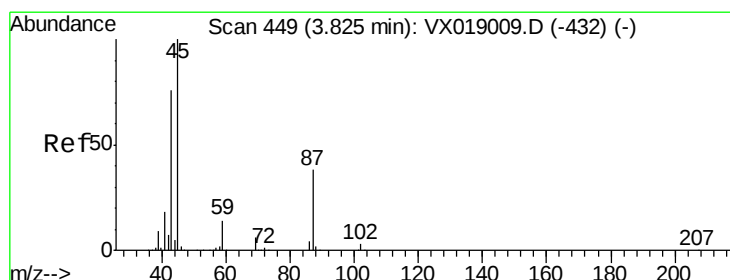
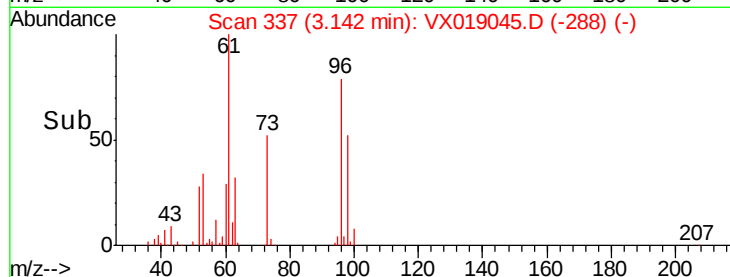
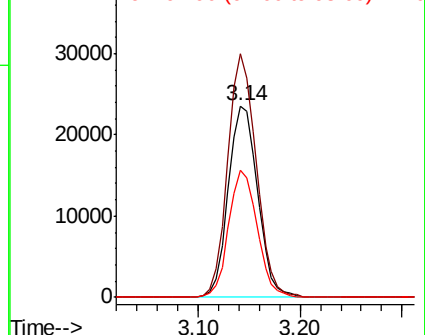
98 66.1 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX019009.D (-328) (-)

Ion 60.90 (60.60 to 61.60): VX019009.D (-328) (-)

Ion 97.90 (97.60 to 98.60): VX019009.D (-328) (-)



#22

Diisopropyl ether

Concen: 19.610 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Tgt Ion: 45 Resp: 105660

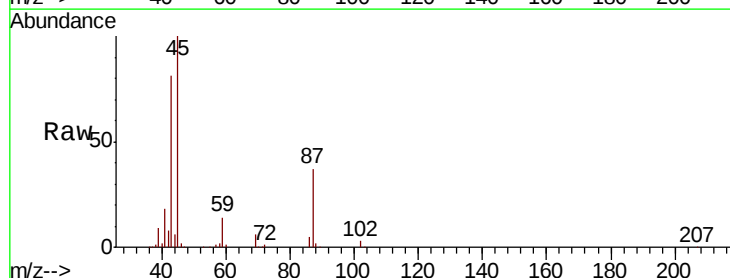
Ion Ratio Lower Upper

45 100

43 79.9 60.4 90.6

87 36.7 30.4 45.6

59 13.6 11.2 16.8

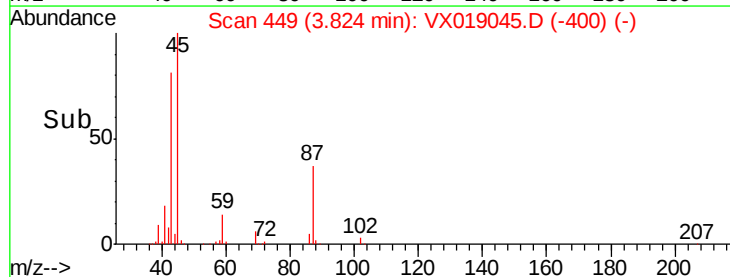
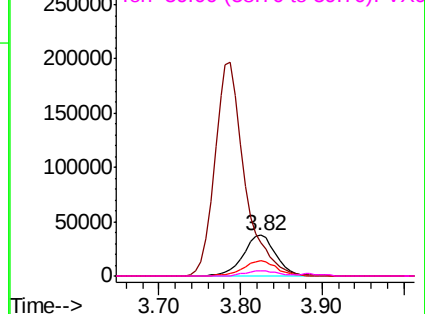


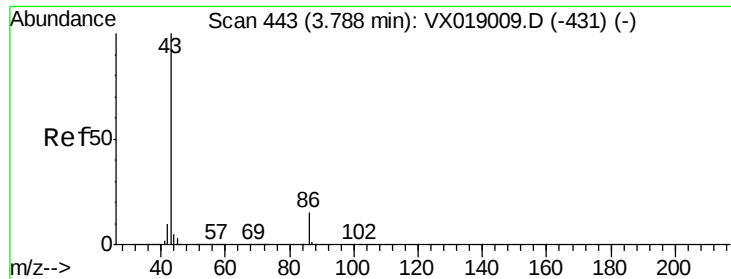
Abundance Ion 45.00 (44.70 to 45.70): VX019009.D (-432) (-)

Ion 43.00 (42.70 to 43.70): VX019009.D (-432) (-)

Ion 87.00 (86.70 to 87.70): VX019009.D (-432) (-)

Ion 59.00 (58.70 to 59.70): VX019009.D (-432) (-)

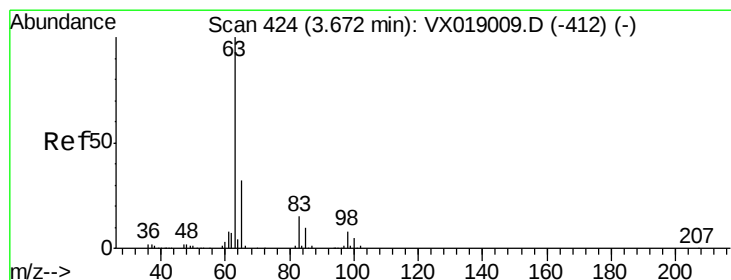
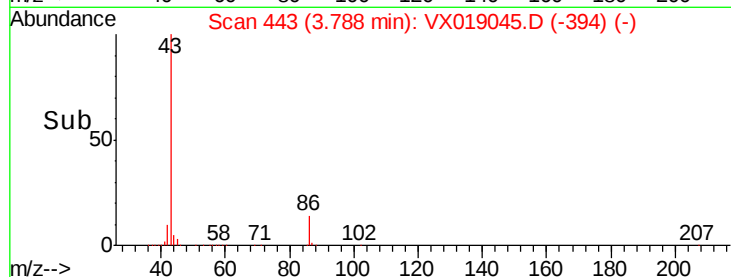
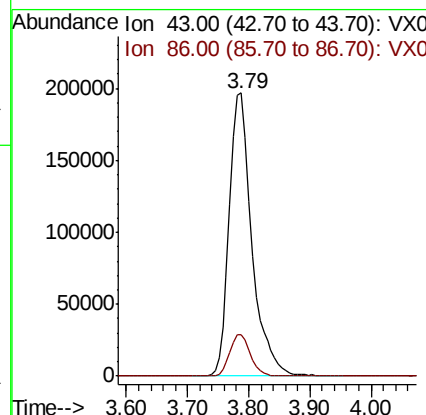
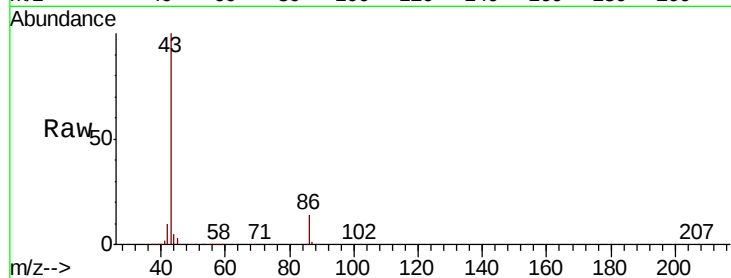




#23
 Vinyl Acetate
 Concen: 98.515 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

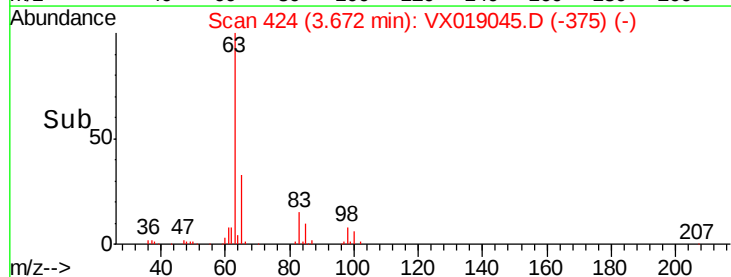
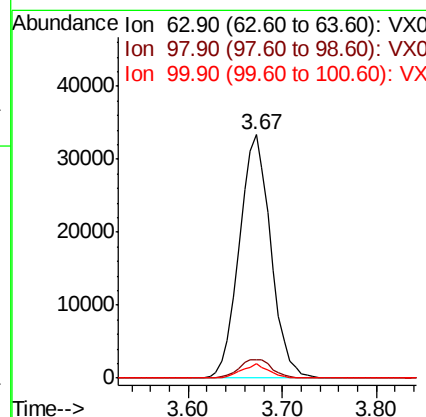
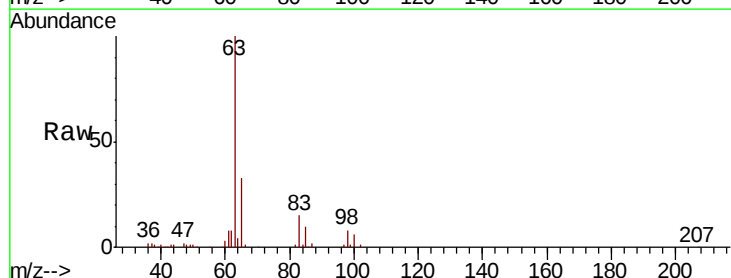
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS02

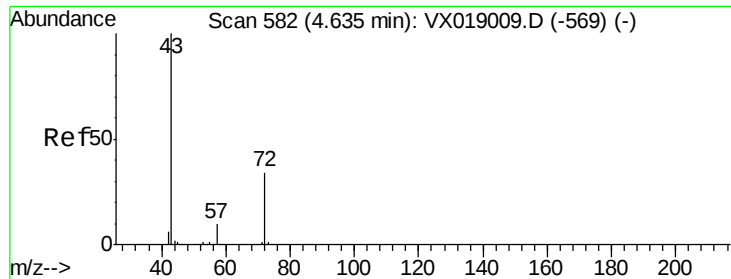
Tot Ion: 43 Resp: 504028
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.7 17.5



#24
 1,1-Dichloroethane
 Concen: 19.851 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

Tgt Ion: 63 Resp: 77892
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.0
 100 5.7 2.5 7.4





#25

2-Butanone

Concen: 99.686 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

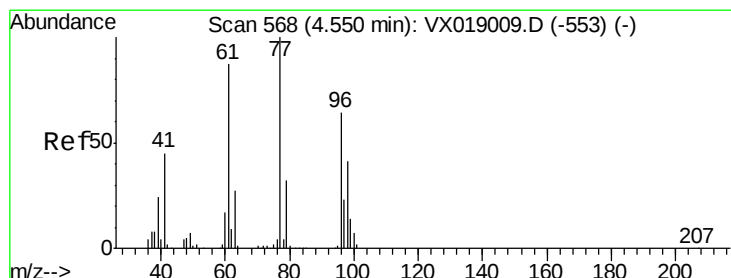
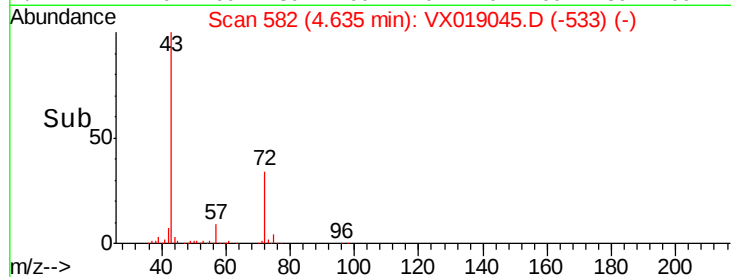
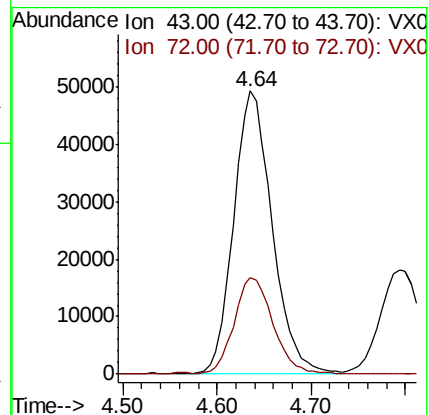
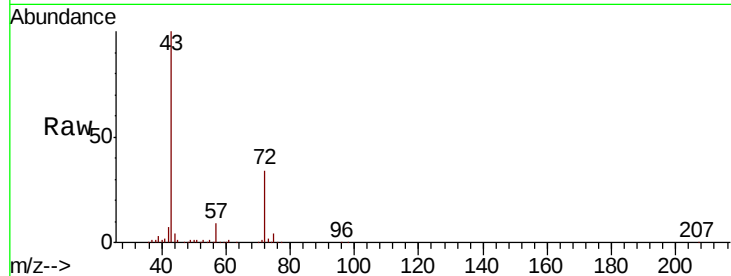
VX1022WBS02

Tot Ion: 43 Resp: 139458

Ion Ratio Lower Upper

43 100

72 33.8 27.8 41.6



#26

2,2-Dichloropropane

Concen: 16.971 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019045.D

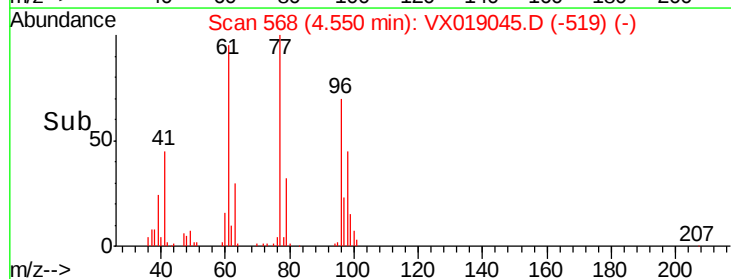
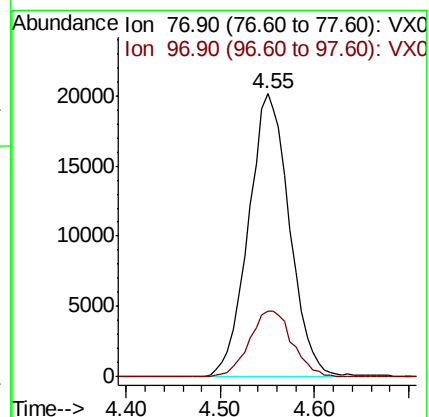
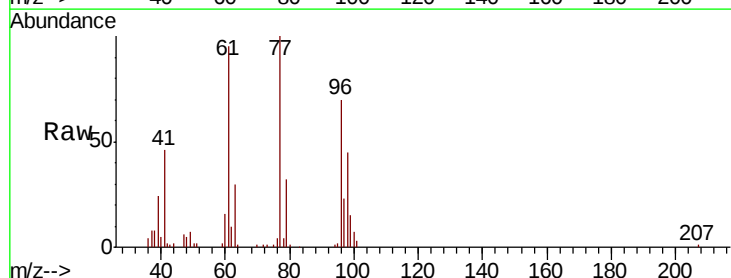
Acq: 22 Oct 2020 23:05

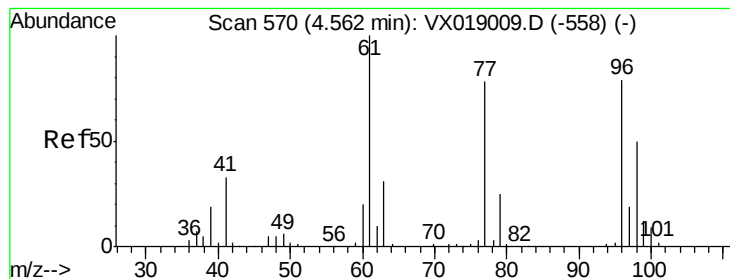
Tgt Ion: 77 Resp: 61487

Ion Ratio Lower Upper

77 100

97 24.3 11.9 35.7



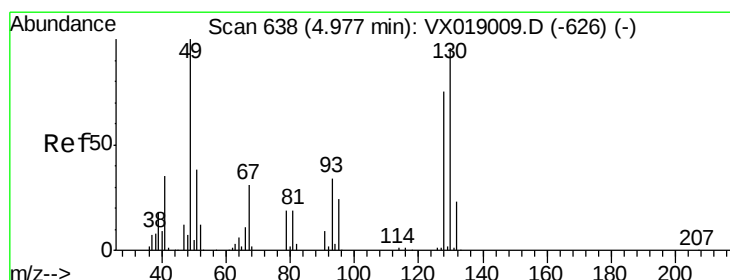
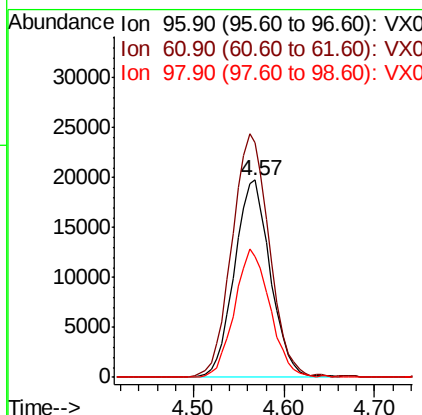
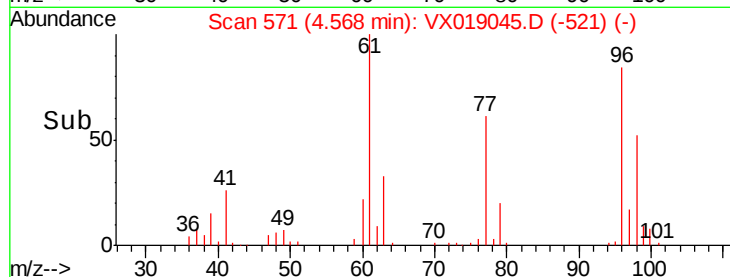
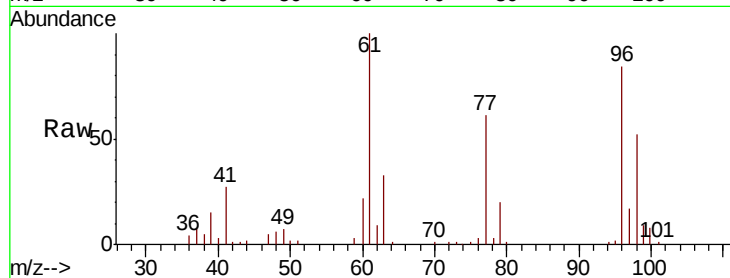


#27

cis-1,2-Dichloroethene
Concen: 19.446 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS02

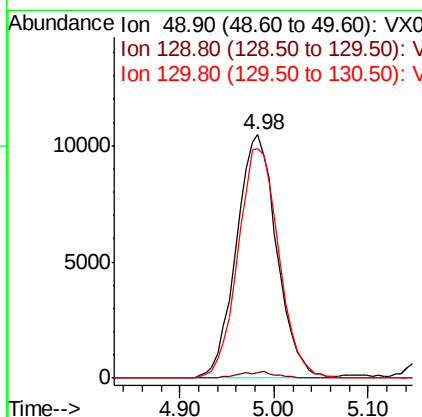
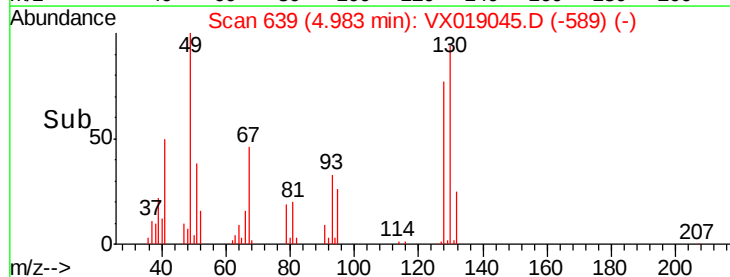
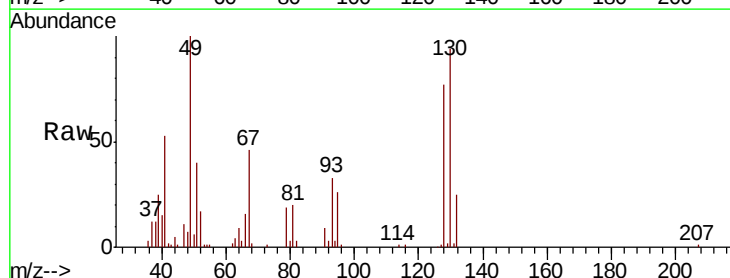
Tot Ion: 96 Resp: 54393
Ion Ratio Lower Upper
96 100
61 128.4 0.0 260.0
98 64.2 0.0 131.4

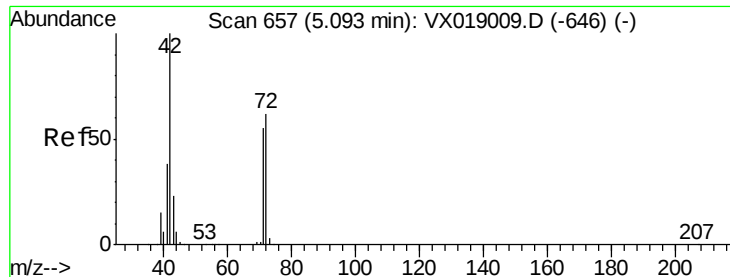


#28

Bromochloromethane
Concen: 18.848 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

Tgt Ion: 49 Resp: 31405
Ion Ratio Lower Upper
49 100
129 1.0 0.0 5.2
130 95.4 79.0 118.6





#29

Tetrahydrofuran

Concen: 95.620 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS02

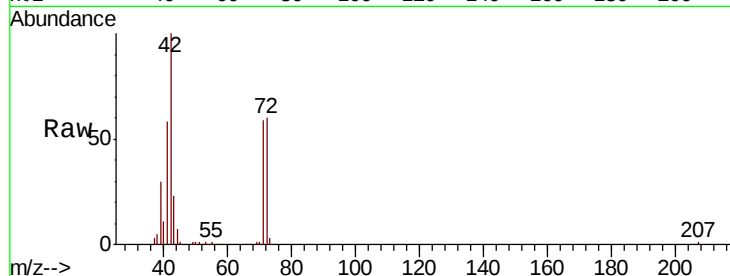
Tot Ion: 42 Resp: 79954

Ion Ratio Lower Upper

42 100

72 60.8 49.1 73.7

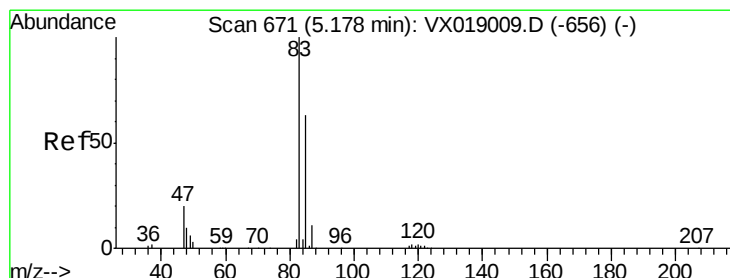
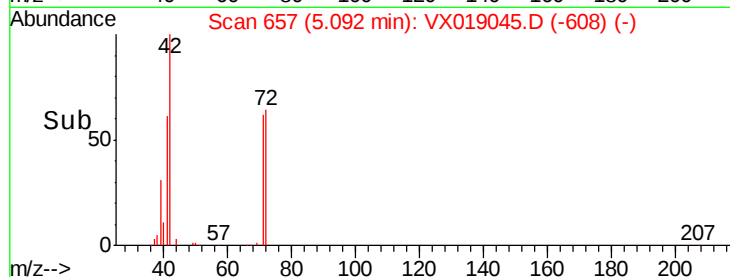
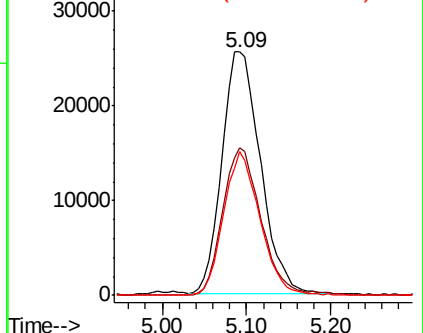
71 55.9 44.2 66.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.226 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX019045.D

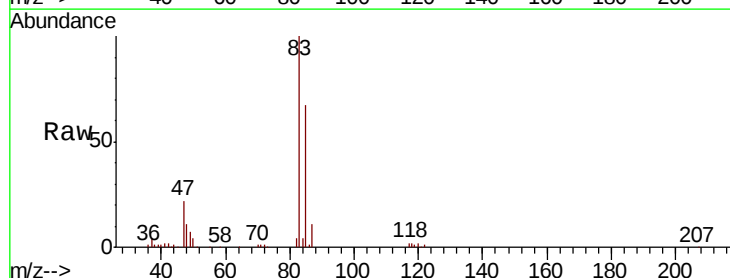
Acq: 22 Oct 2020 23:05

Tgt Ion: 83 Resp: 86164

Ion Ratio Lower Upper

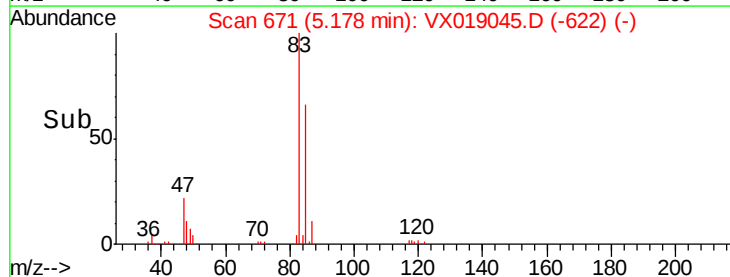
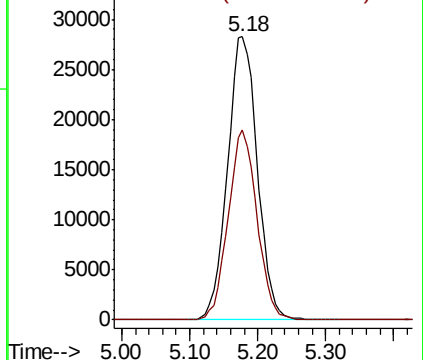
83 100

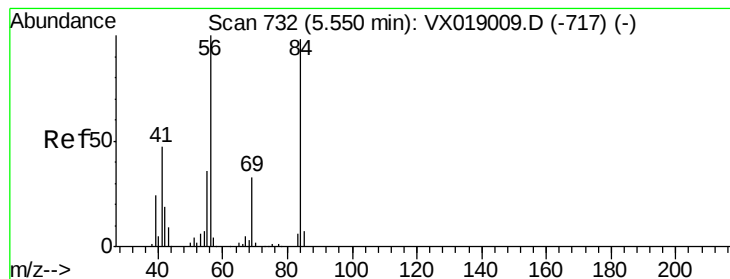
85 67.3 50.5 75.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.597 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS02

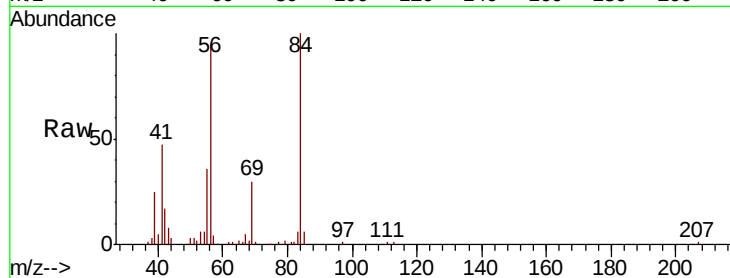
Tot Ion: 56 Resp: 59653

Ion Ratio Lower Upper

56 100

69 32.0 26.2 39.2

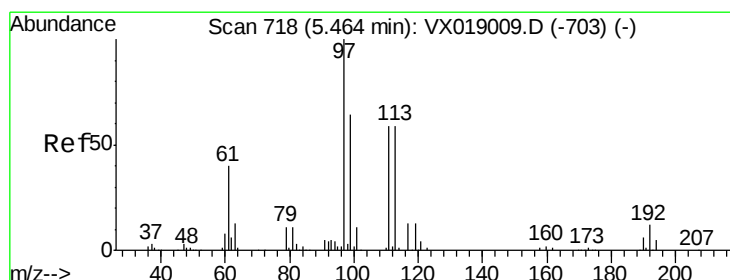
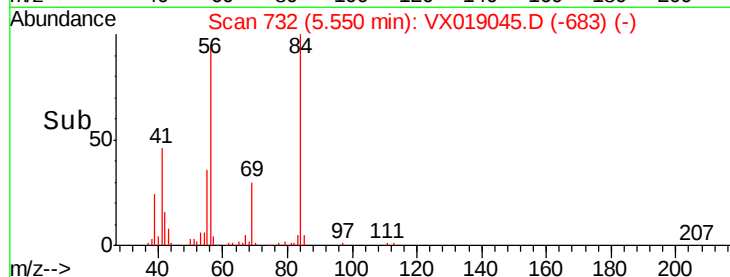
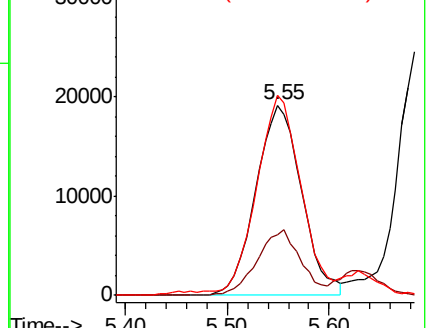
84 103.3 78.3 117.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.710 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

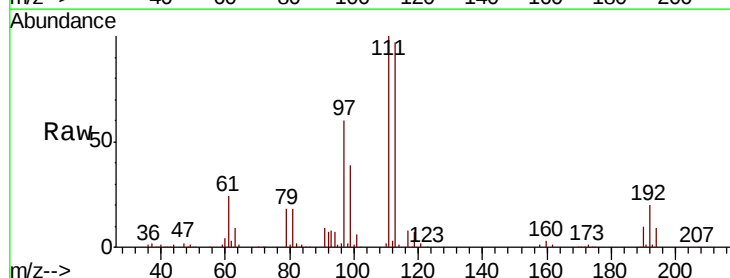
Tgt Ion: 97 Resp: 76155

Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

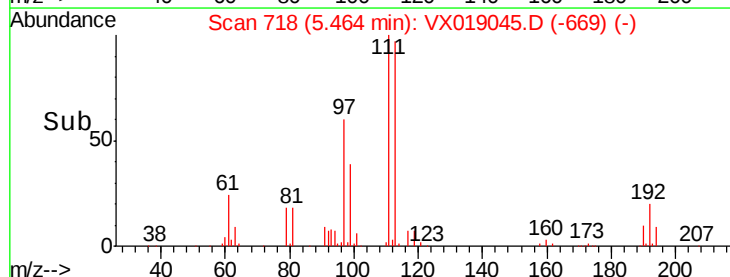
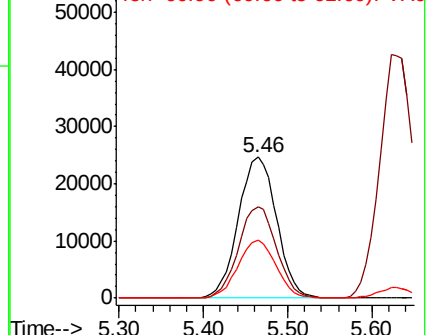
61 41.0 31.9 47.9

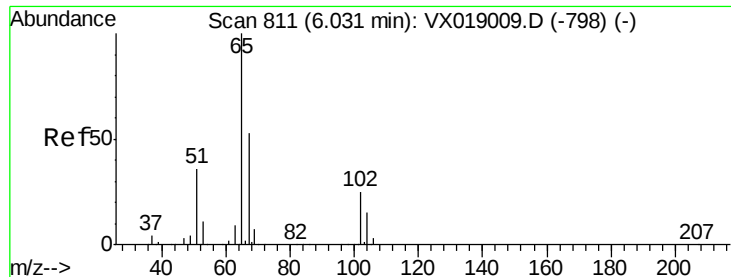


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.285 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

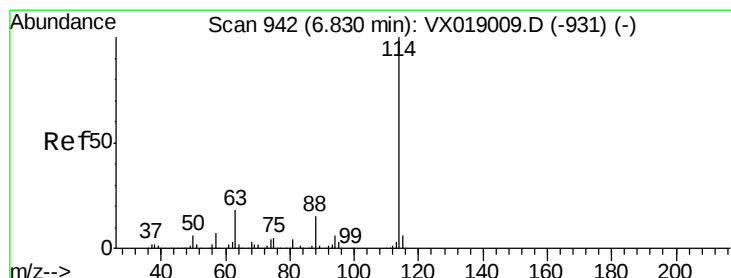
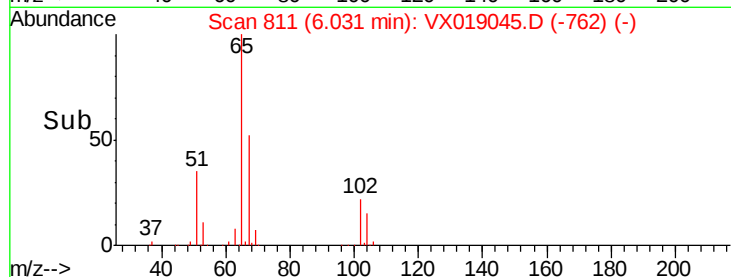
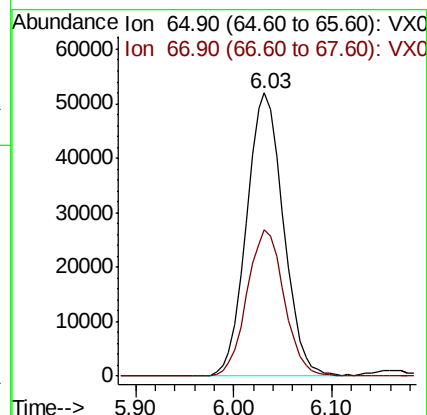
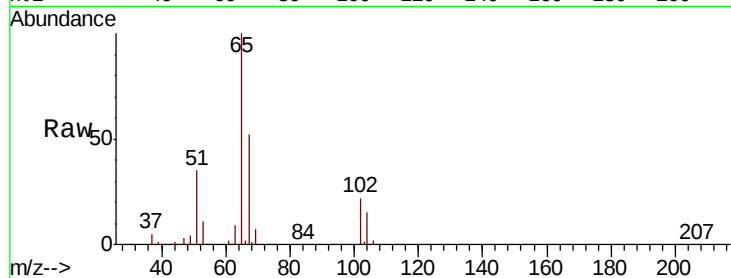
VX1022WBS02

Tot Ion: 65 Resp: 135908

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

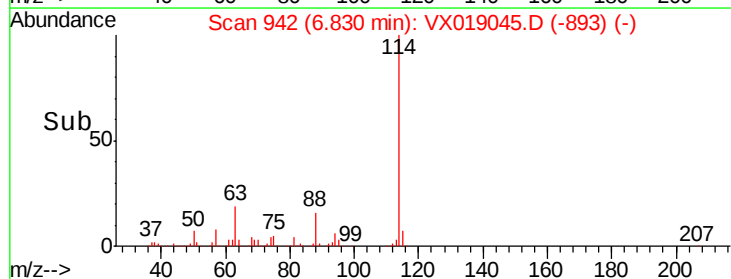
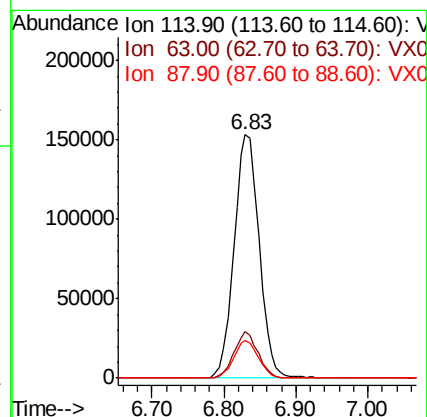
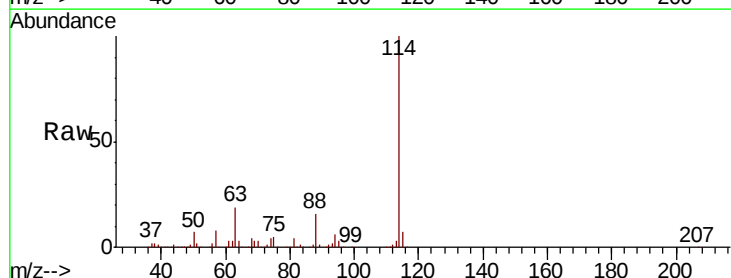
Tgt Ion: 114 Resp: 372191

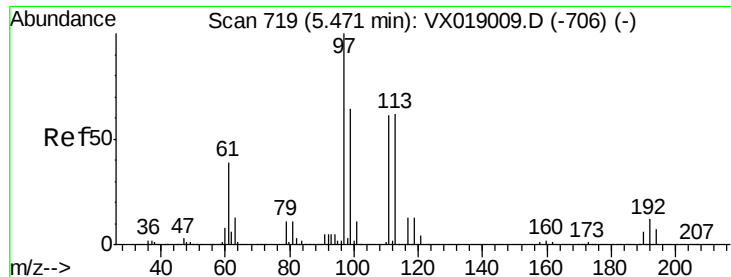
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

88 15.6 0.0 30.2

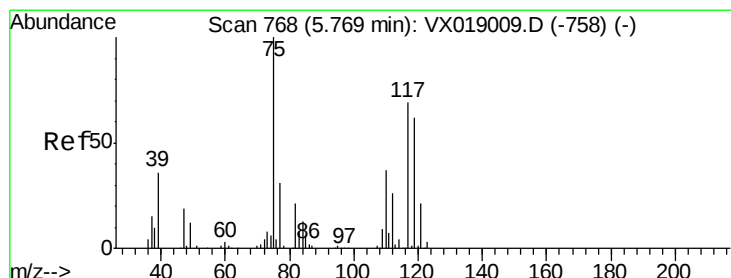
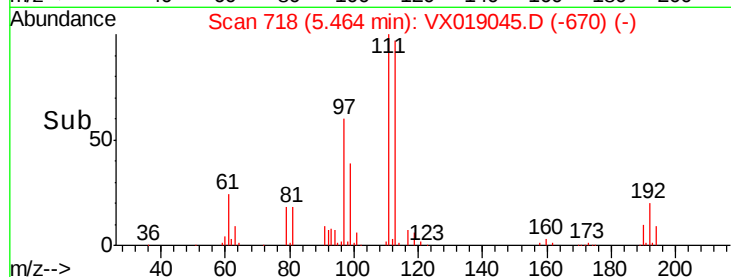
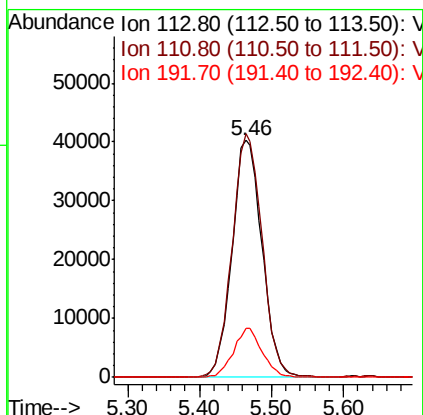
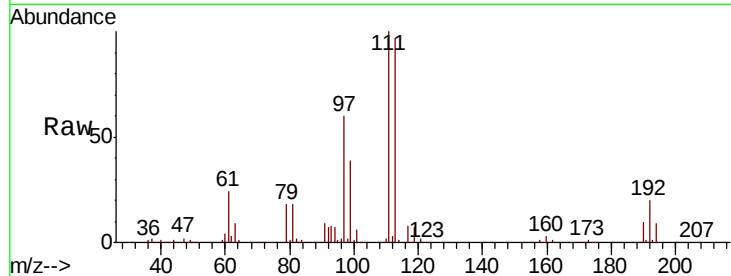




#35
 Dibromofluoromethane
 Concen: 49.449 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

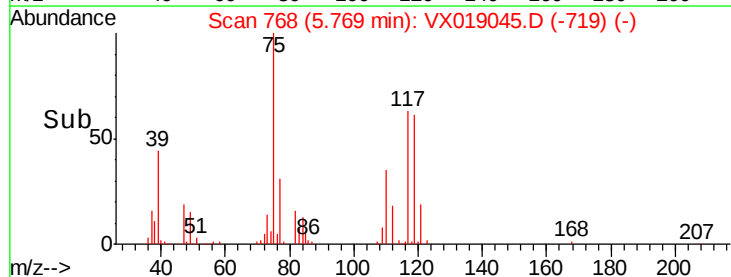
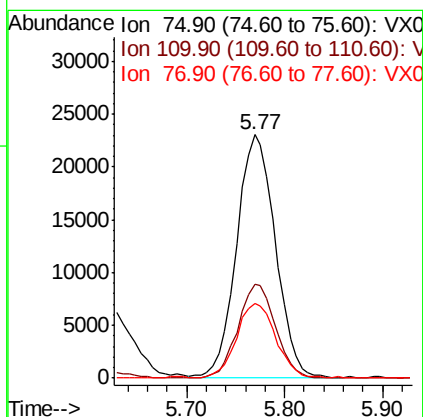
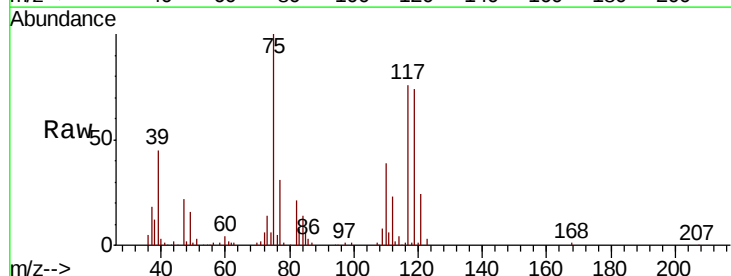
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS02

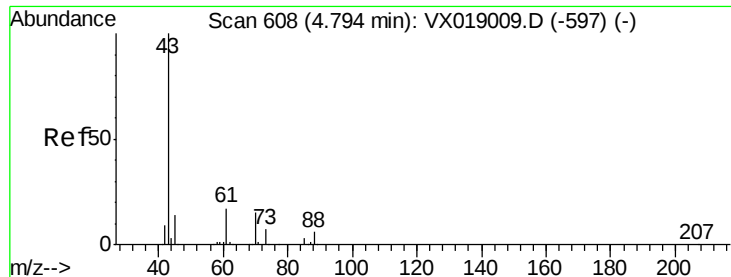
Tot Ion:113 Resp: 116525
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.5 122.3
 192 19.8 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 18.840 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

Tgt Ion: 75 Resp: 62918
 Ion Ratio Lower Upper
 75 100
 110 37.8 19.4 58.2
 77 30.9 25.2 37.8

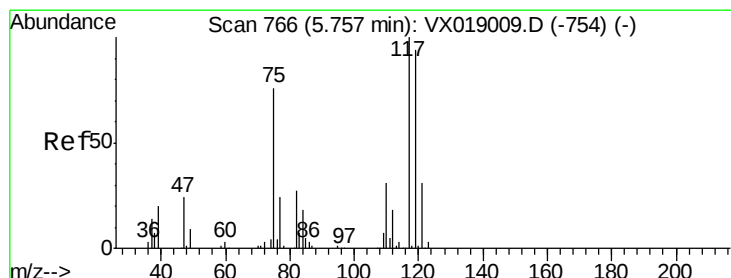
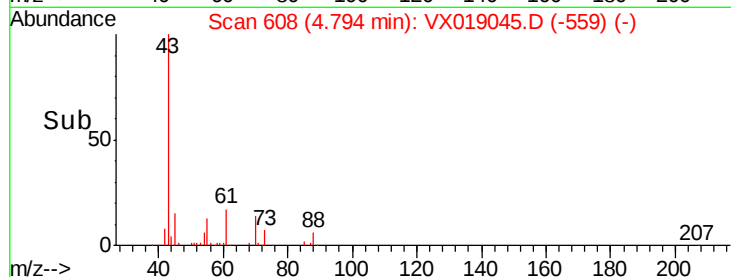
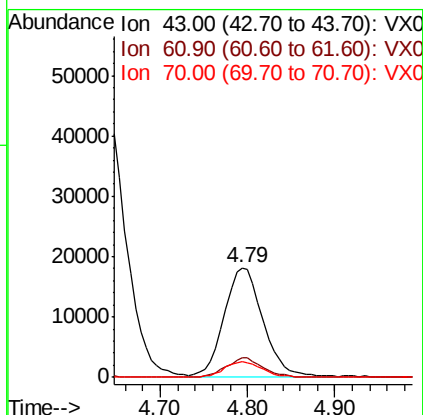
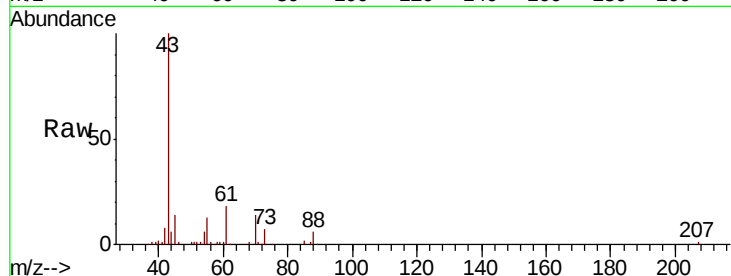




#37
Ethyl Acetate
Concen: 19.317 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

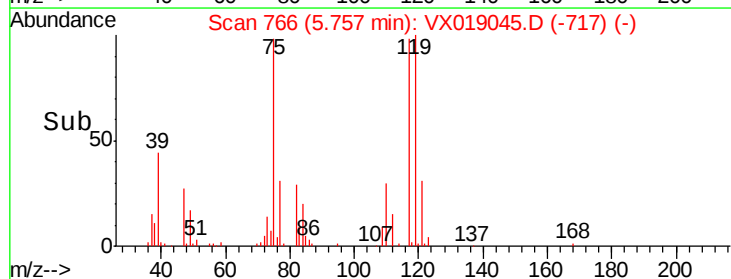
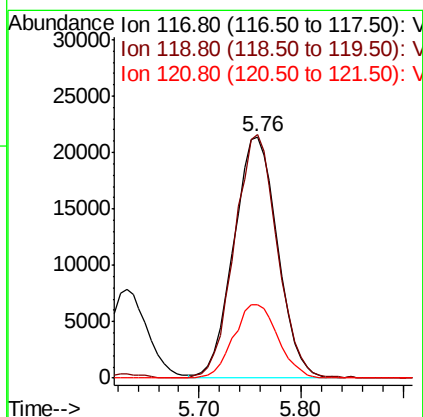
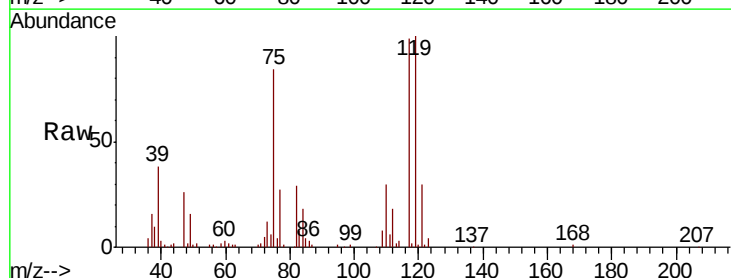
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS02

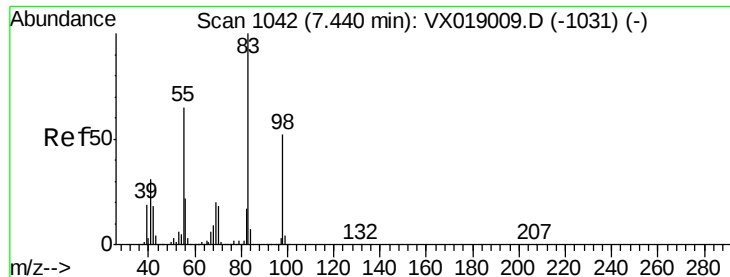
Tot Ion: 43 Resp: 55062
Ion Ratio Lower Upper
43 100
61 17.1 13.8 20.8
70 14.2 11.4 17.2



#38
Carbon Tetrachloride
Concen: 18.134 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

Tgt Ion: 117 Resp: 63565
Ion Ratio Lower Upper
117 100
119 100.7 75.4 113.0
121 30.7 25.0 37.6

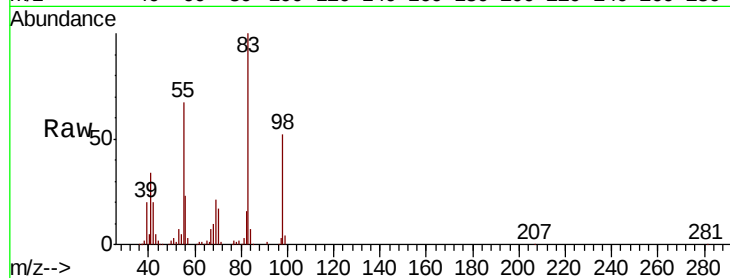




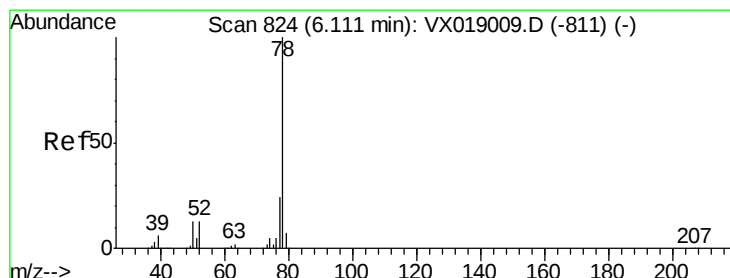
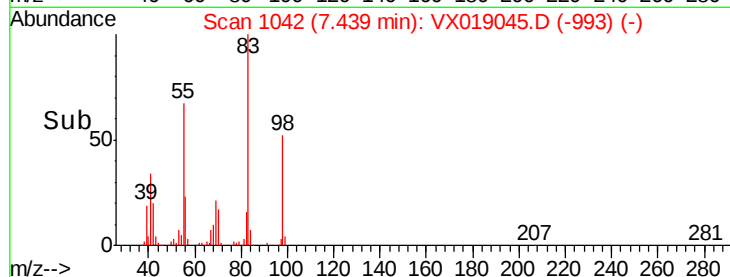
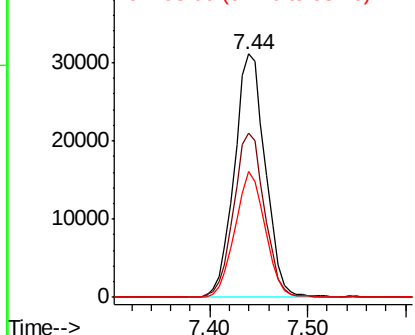
#39
Methvlcvclohexane
Concen: 18.308 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS02

Tot Ion: 83 Resp: 68502
Ion Ratio Lower Upper
83 100
55 67.3 51.8 77.6
98 51.7 41.4 62.2

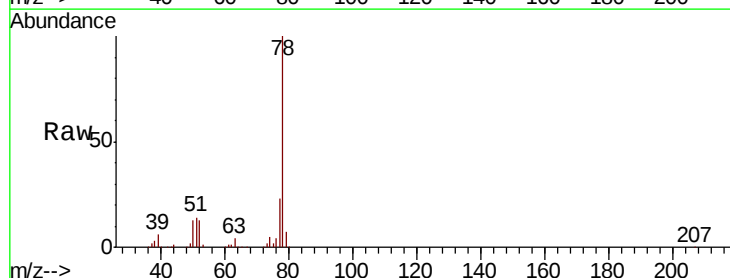


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

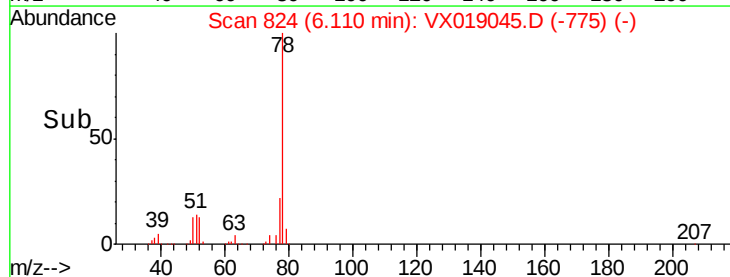
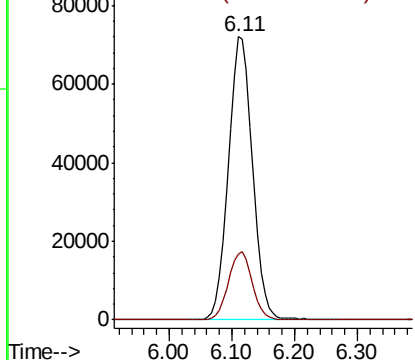


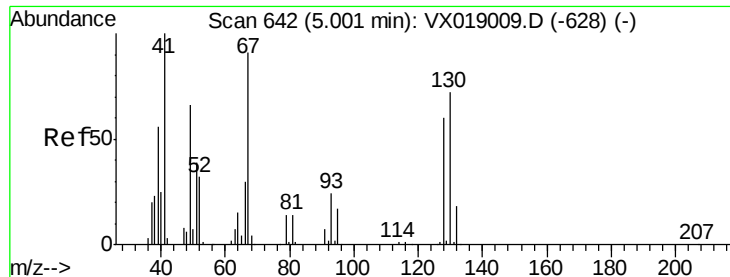
#40
Benzene
Concen: 19.495 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

Tgt Ion: 78 Resp: 191745
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9



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

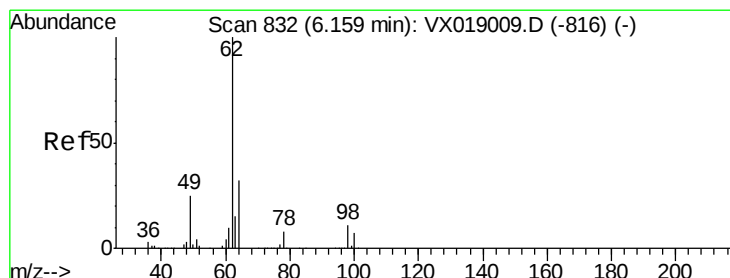
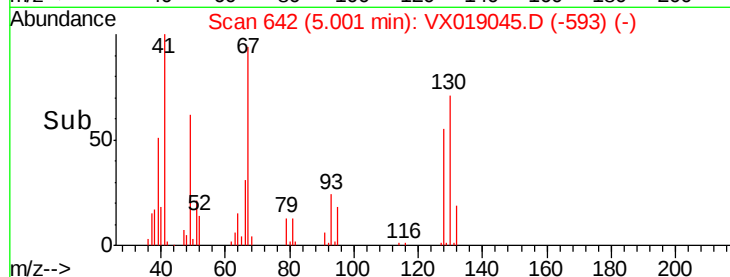
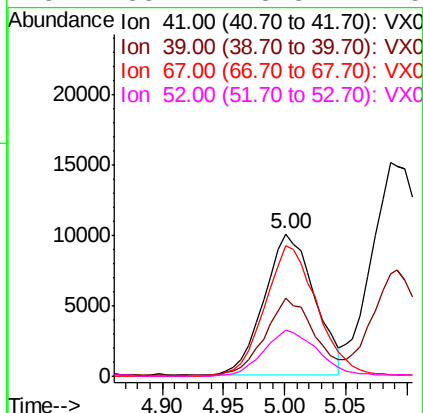
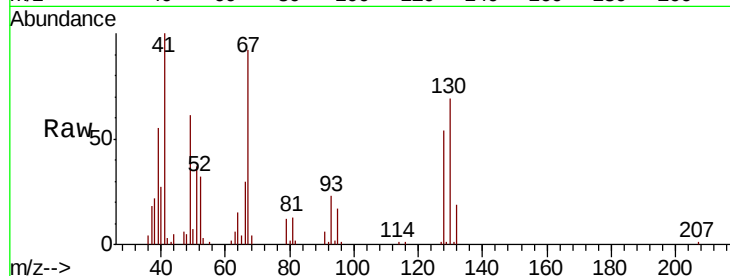




#41
Methacrylonitrile
Concen: 18.864 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

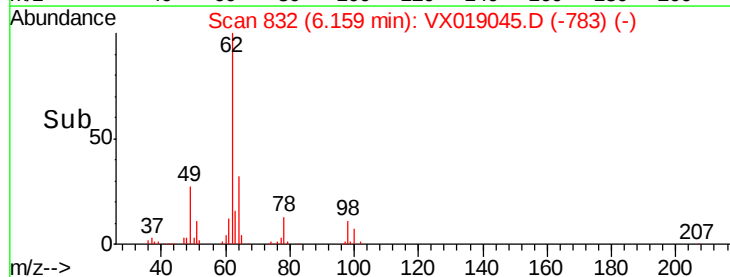
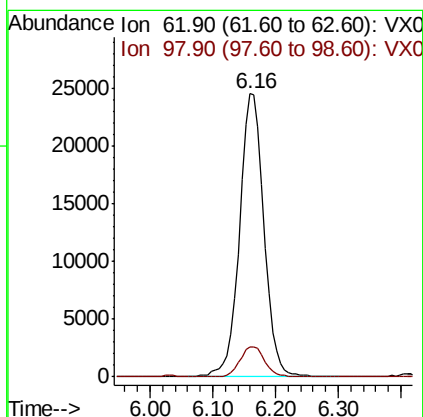
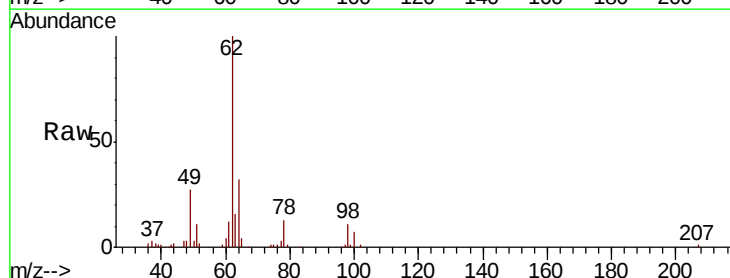
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS02

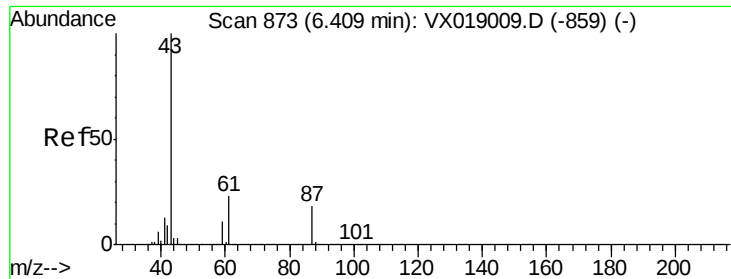
Tot Ion: 41 Resp: 28884
Ion Ratio Lower Upper
41 100
39 56.2 44.6 67.0
67 96.6 76.1 114.1
52 35.7 28.3 42.5



#42
1,2-Dichloroethane
Concen: 19.740 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

Tgt Ion: 62 Resp: 66259
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.8





#43

Isopropyl Acetate

Concen: 18.714 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS02

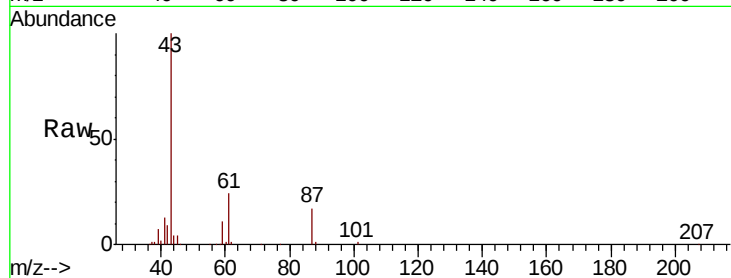
Tot Ion: 43 Resp: 90344

Ion Ratio Lower Upper

43 100

61 24.2 18.7 28.1

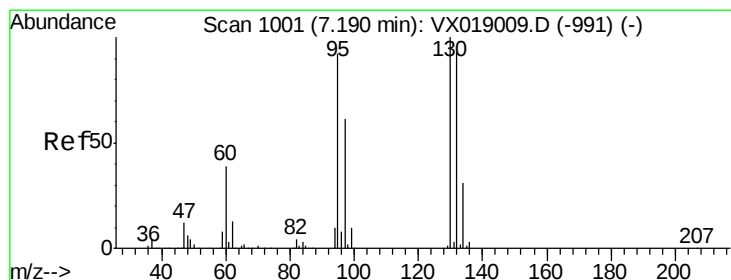
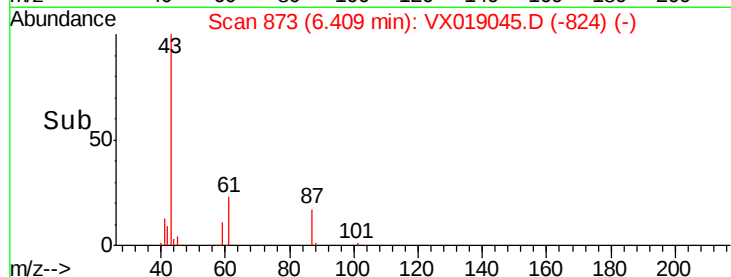
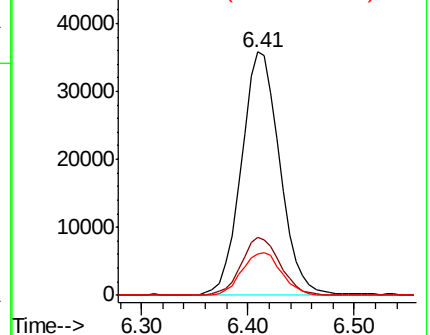
87 18.2 14.2 21.4



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: 18.580 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX019045.D

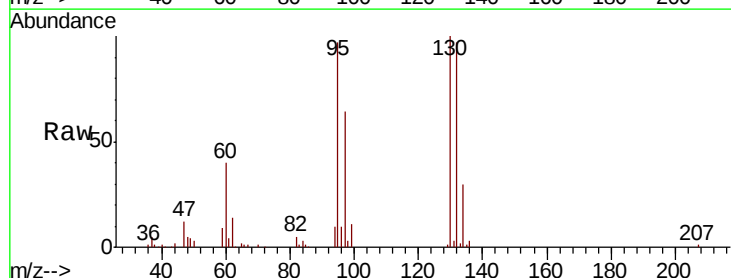
Acq: 22 Oct 2020 23:05

Tgt Ion: 130 Resp: 53294

Ion Ratio Lower Upper

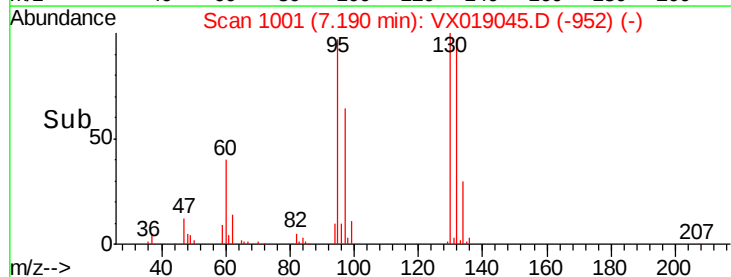
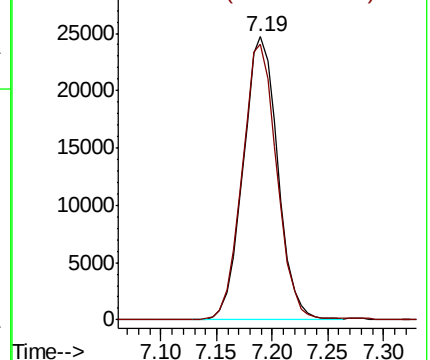
130 100

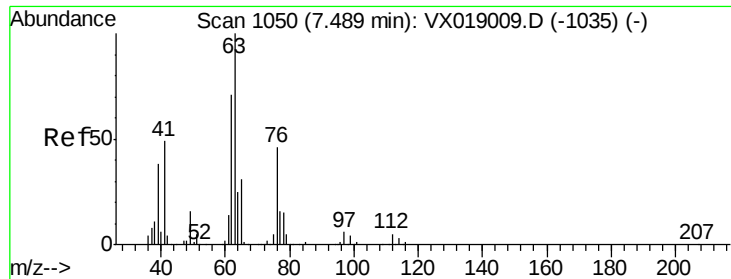
95 97.3 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

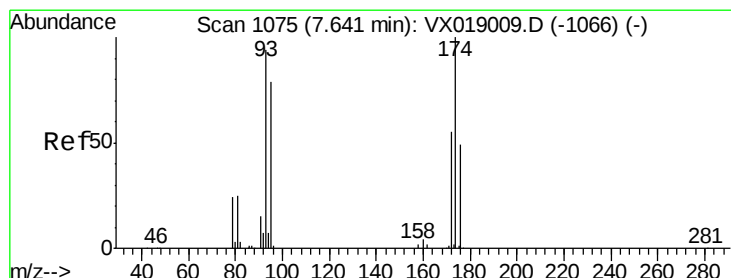
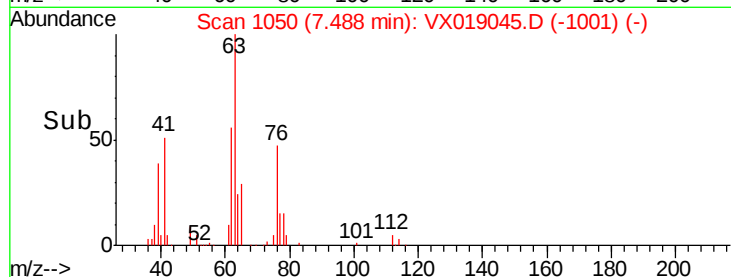
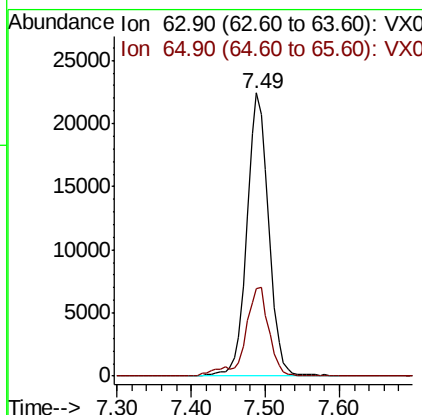
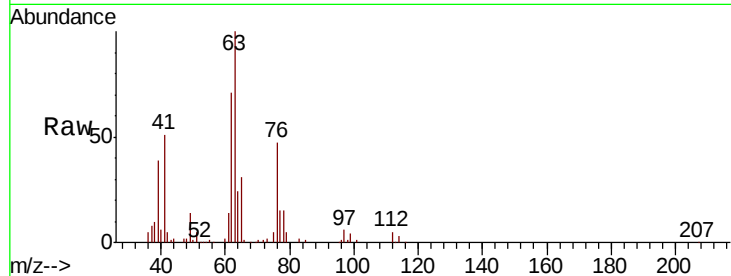




#45
 1,2-Dichloropropane
 Concen: 19.540 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

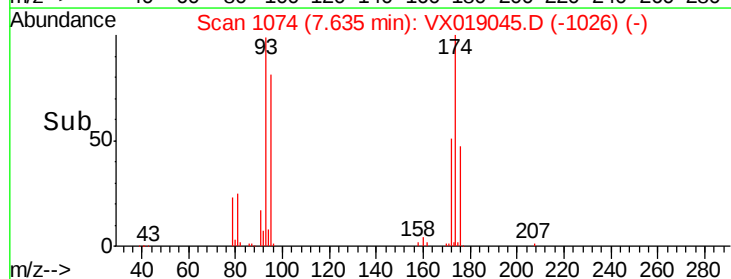
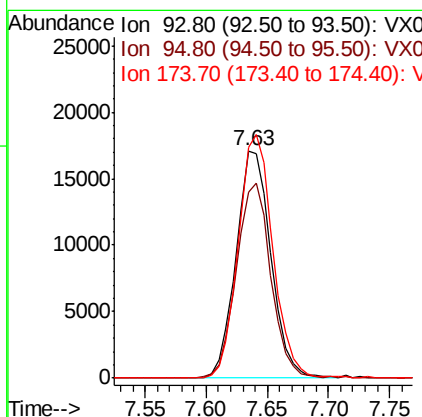
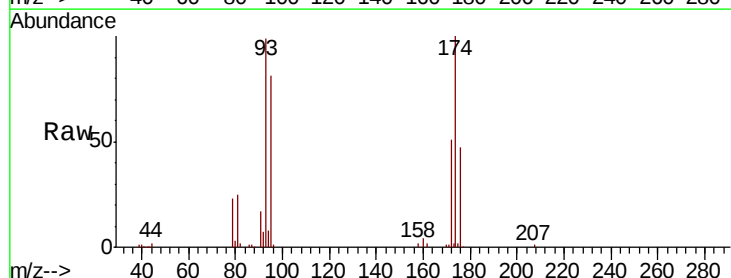
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS02

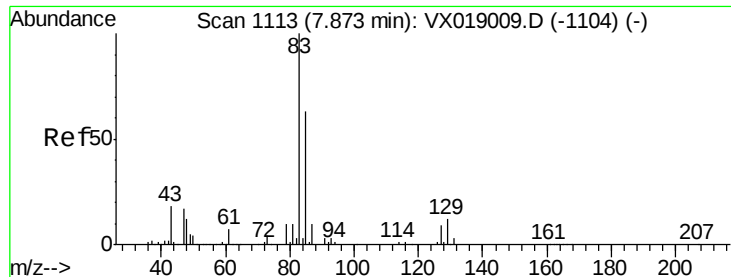
Tot Ion: 63 Resp: 46100
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.9 37.3



#46
 Dibromomethane
 Concen: 18.811 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

Tgt Ion: 93 Resp: 33802
 Ion Ratio Lower Upper
 93 100
 95 85.0 66.8 100.2
 174 106.6 83.8 125.8





#47

Bromodichloromethane

Concen: 19.096 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS02

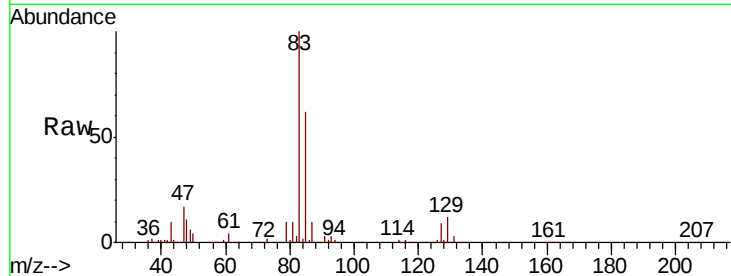
Tot Ion: 83 Resp: 67282

Ion Ratio Lower Upper

83 100

85 62.2 50.7 76.1

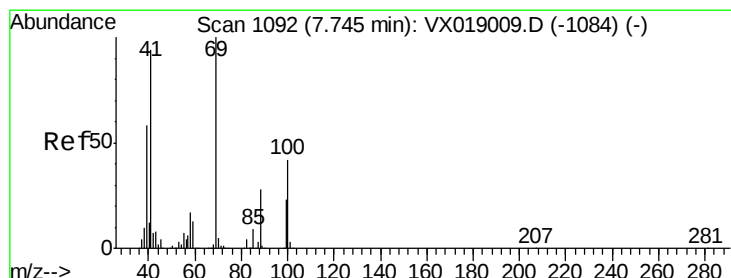
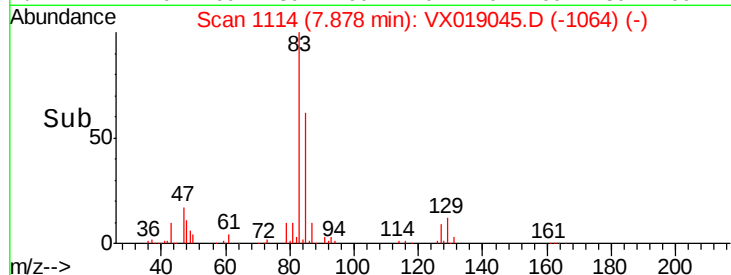
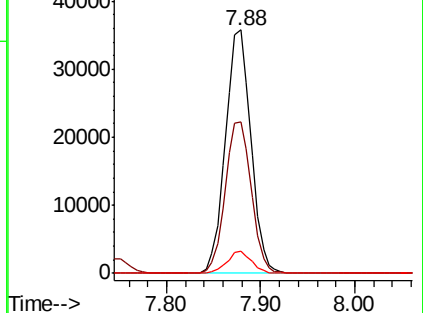
127 9.0 6.8 10.2



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: 18.006 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

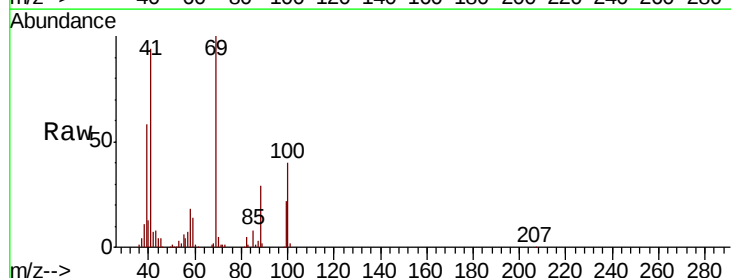
Tgt Ion: 41 Resp: 42831

Ion Ratio Lower Upper

41 100

69 107.9 85.5 128.3

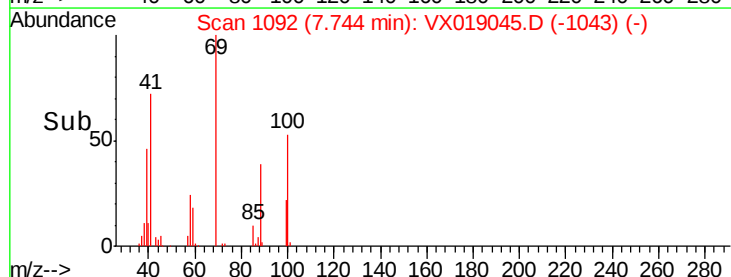
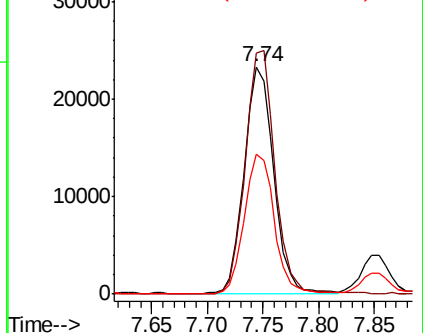
39 63.0 49.3 73.9

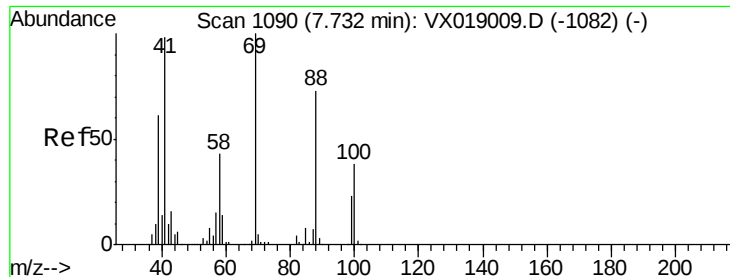


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

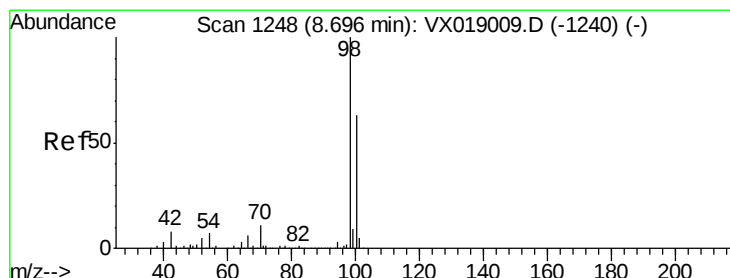
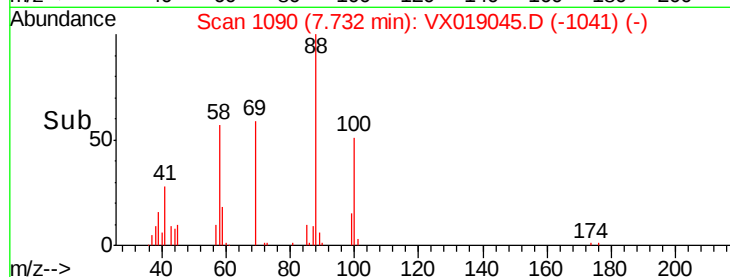
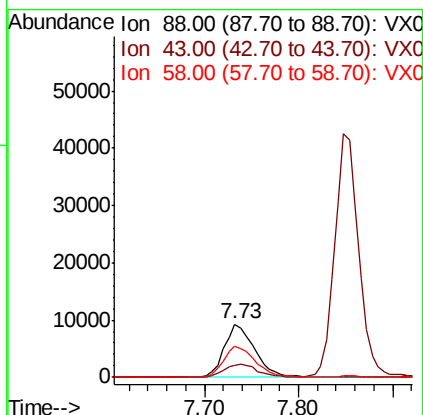
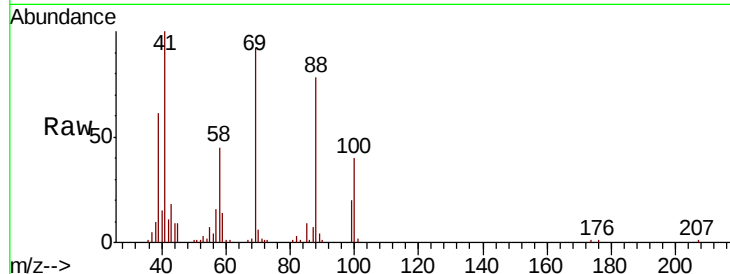




#49
 1,4-Dioxane
 Concen: 387.818 ug/l
 RT: 7.73 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

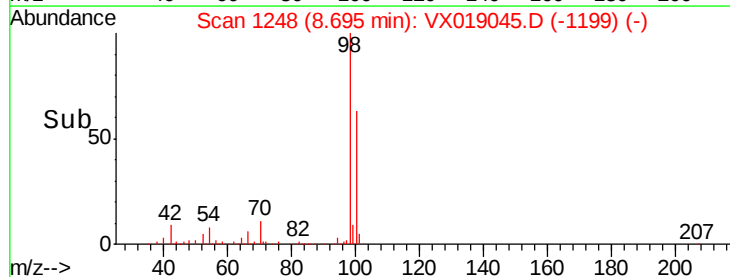
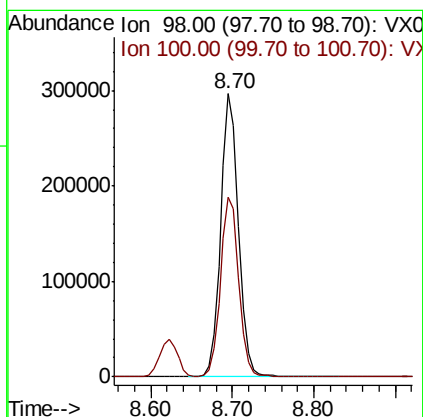
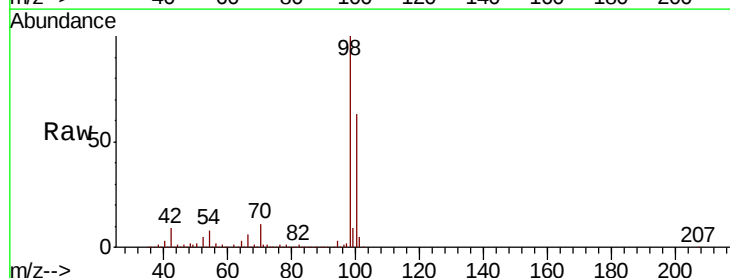
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS02

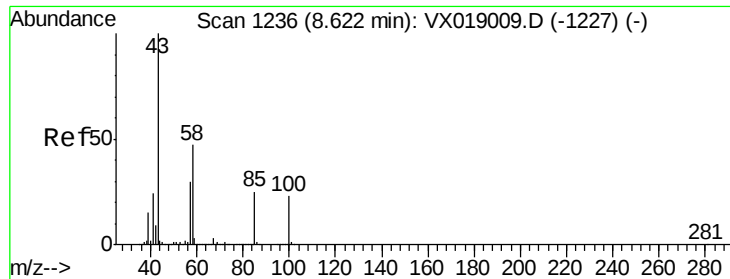
Tot Ion: 88 Resp: 20843
 Ion Ratio Lower Upper
 88 100
 43 25.3 20.3 30.5
 58 60.1 48.4 72.6



#50
 Toluene-d8
 Concen: 50.059 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

Tgt Ion: 98 Resp: 450146
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.1 78.1

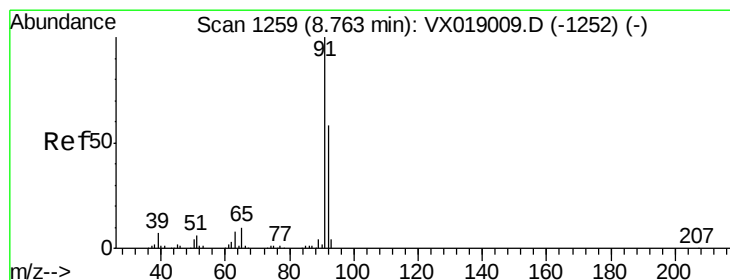
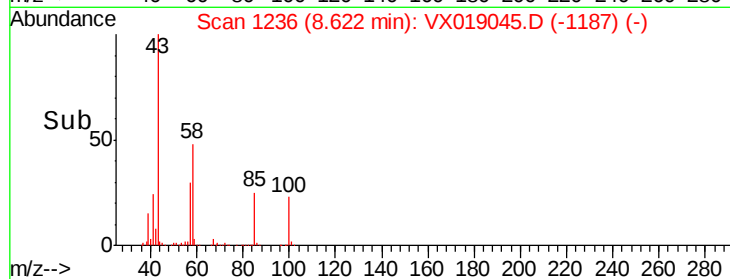
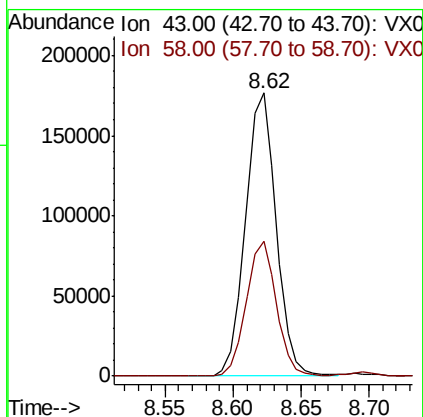
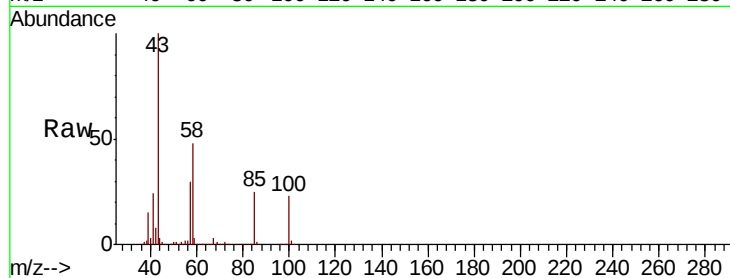




#51
4-Methyl-2-Pentanone
Concen: 98.178 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

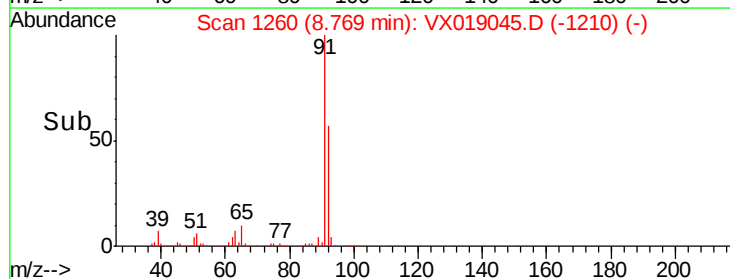
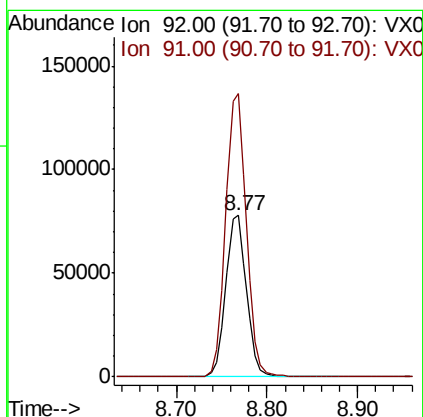
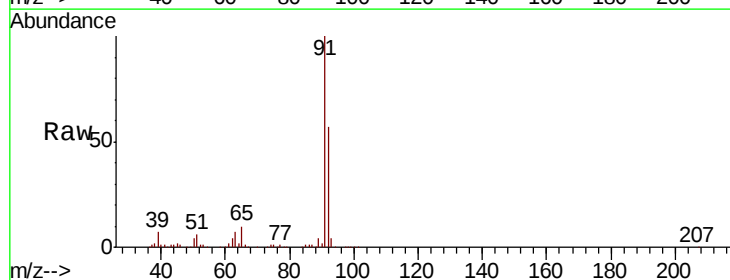
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS02

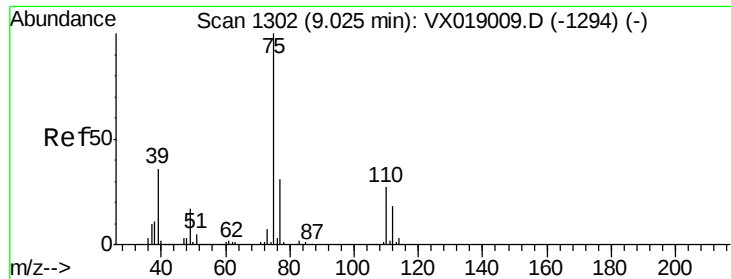
Tot Ion: 43 Resp: 279282
Ion Ratio Lower Upper
43 100
58 46.8 37.4 56.0



#52
Toluene
Concen: 19.099 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

Tgt Ion: 92 Resp: 124075
Ion Ratio Lower Upper
92 100
91 175.0 138.6 208.0

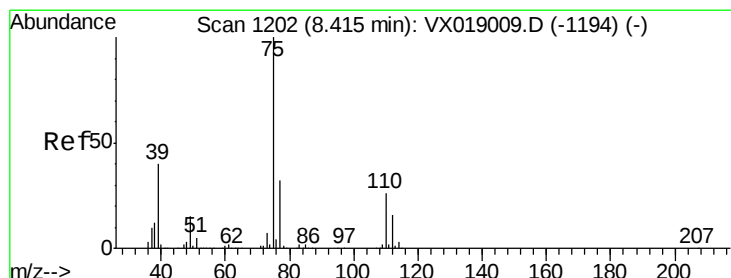
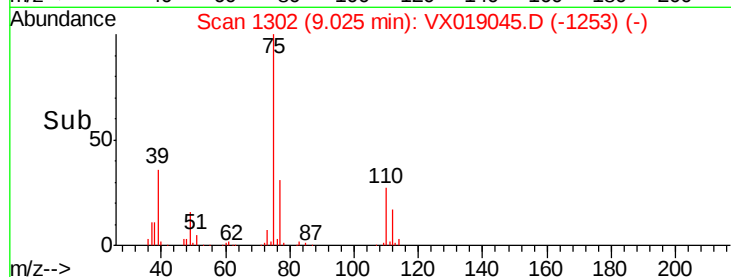
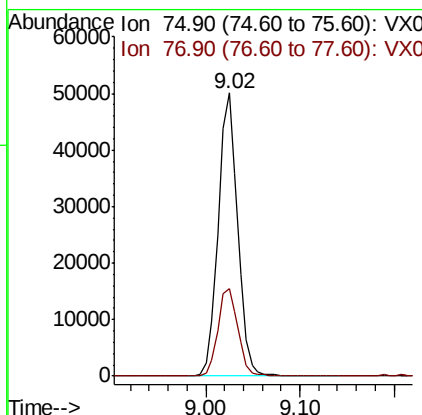
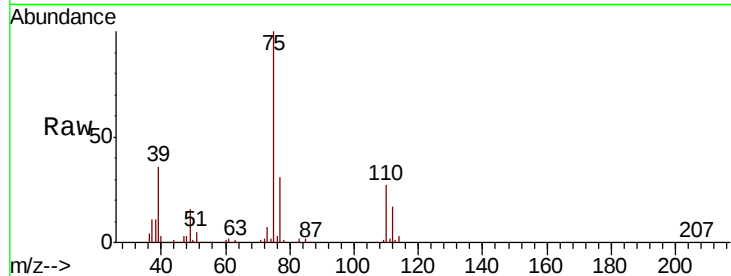




#53
 t-1,3-Dichloropropene
 Concen: 18.033 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

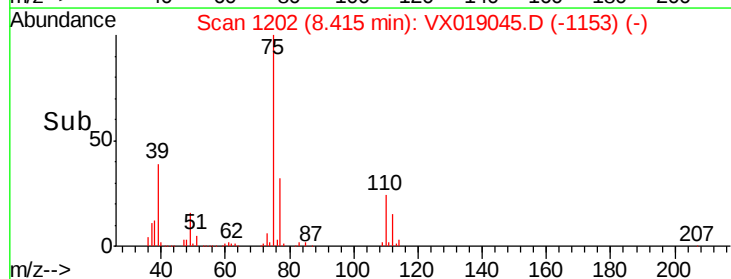
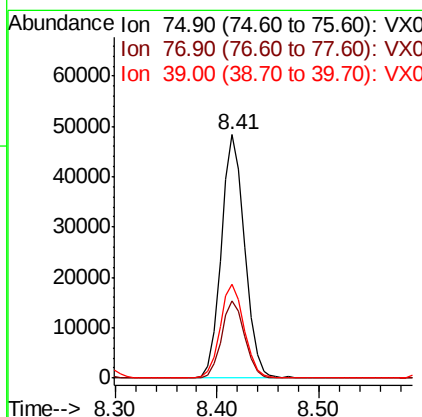
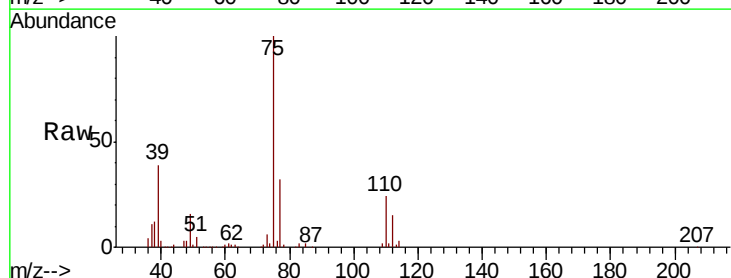
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS02

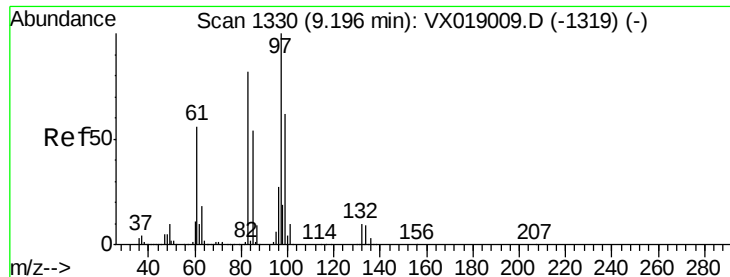
Tot Ion: 75 Resp: 71746
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 18.375 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

Tgt Ion: 75 Resp: 77203
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.9 38.9
 39 38.6 31.7 47.5

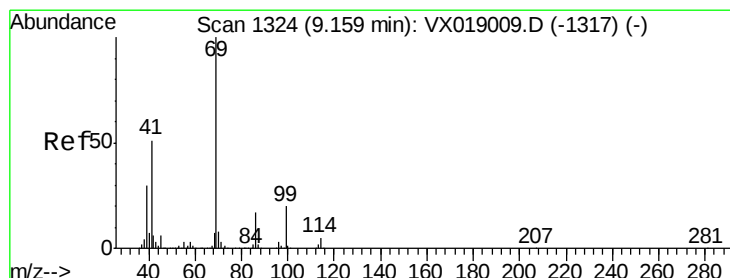
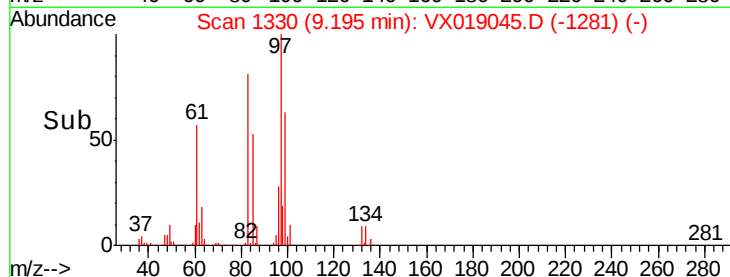
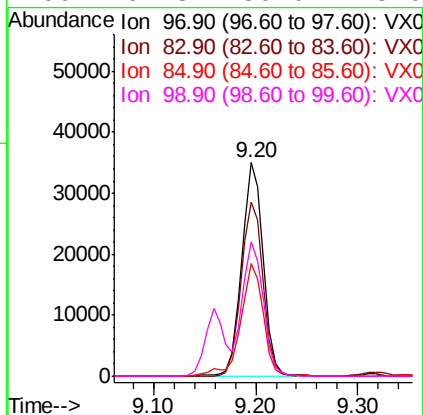
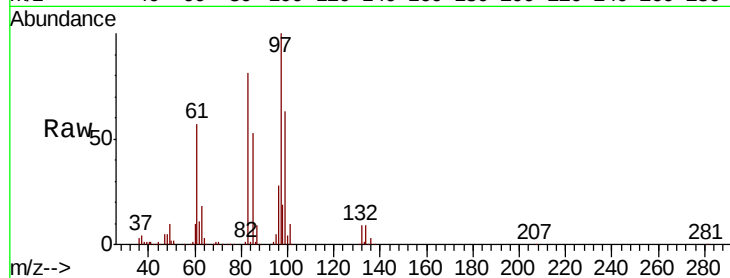




#55
 1,1,2-Trichloroethane
 Concen: 19.121 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

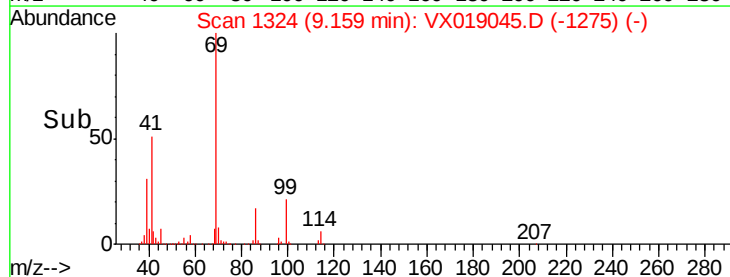
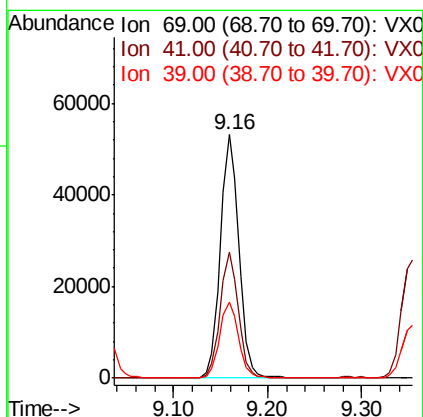
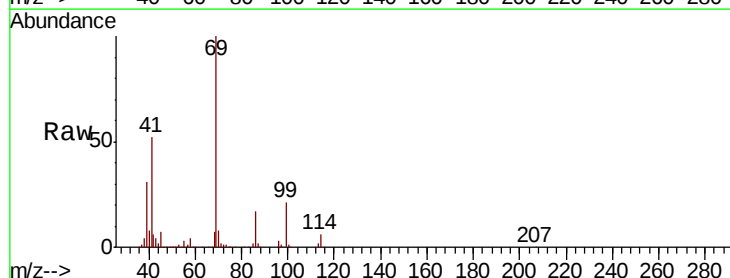
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS02

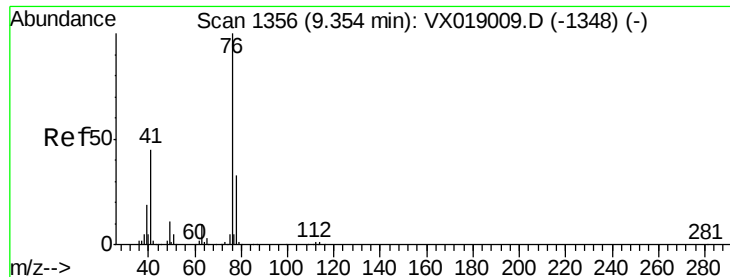
Tot Ion:	97	Resp:	50638
Ion	Ratio	Lower	Upper
97	100		
83	81.2	65.4	98.2
85	52.7	43.3	64.9
99	62.8	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 19.084 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

Tgt Ion:	69	Resp:	72713
Ion	Ratio	Lower	Upper
69	100		
41	50.4	41.1	61.7
39	32.0	24.6	37.0





#57

1,3-Dichloropropane

Concen: 19.518 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

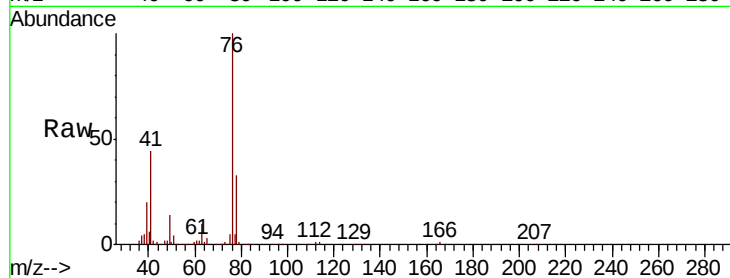
VX1022WBS02

Tot Ion: 76 Resp: 82043

Ion Ratio Lower Upper

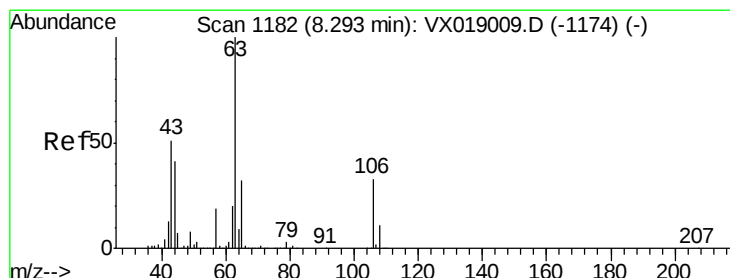
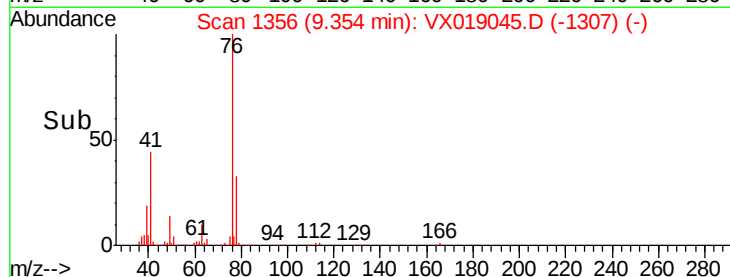
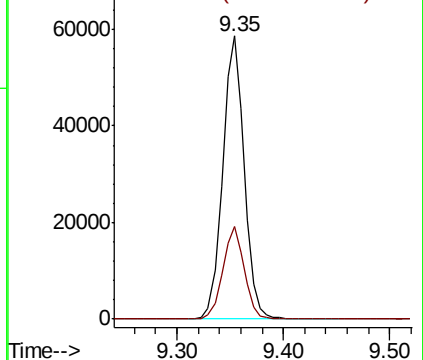
76 100

78 32.6 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: 93.487 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019045.D

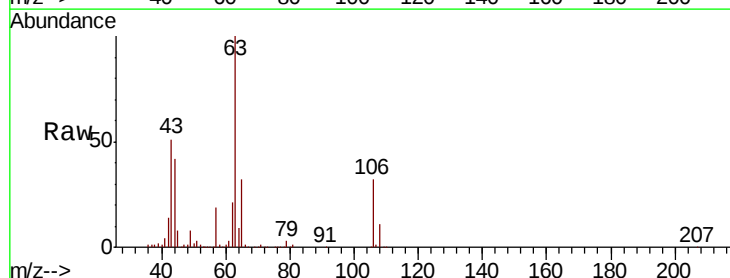
Acq: 22 Oct 2020 23:05

Tgt Ion: 63 Resp: 187113

Ion Ratio Lower Upper

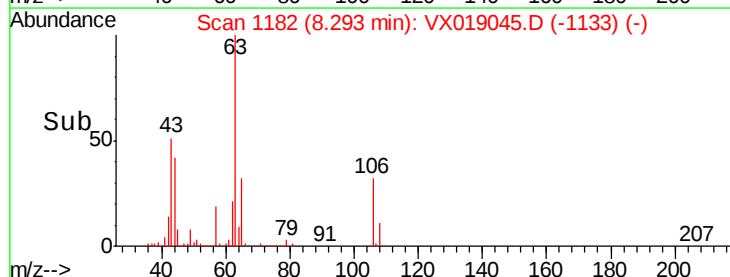
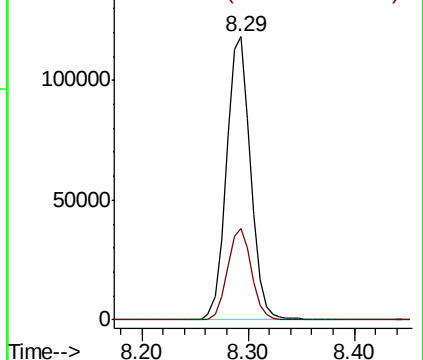
63 100

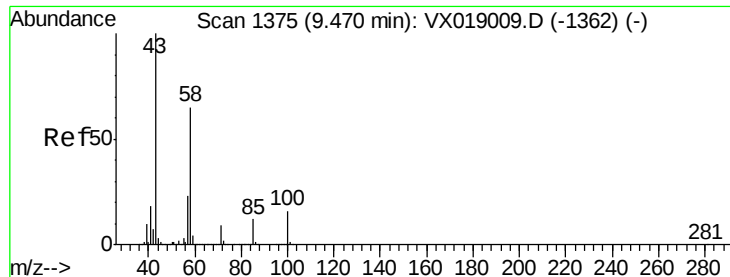
106 32.2 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

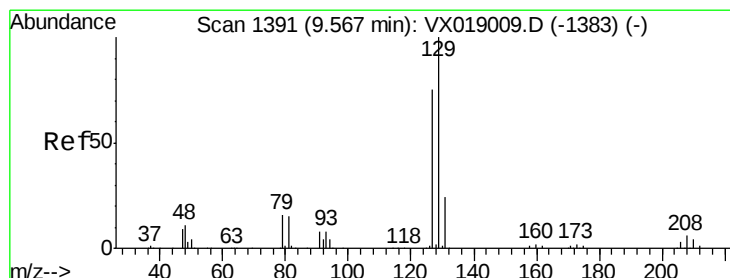
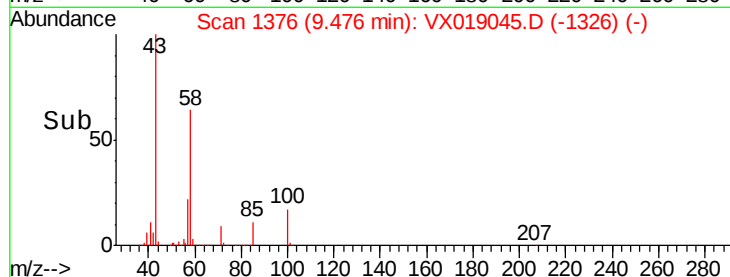
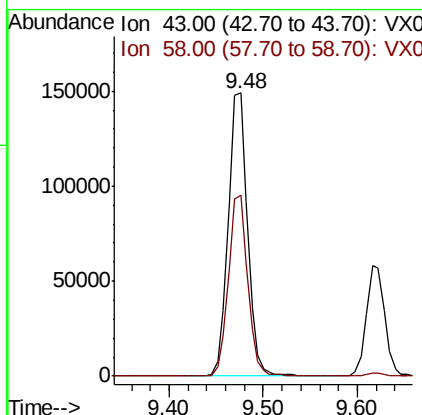
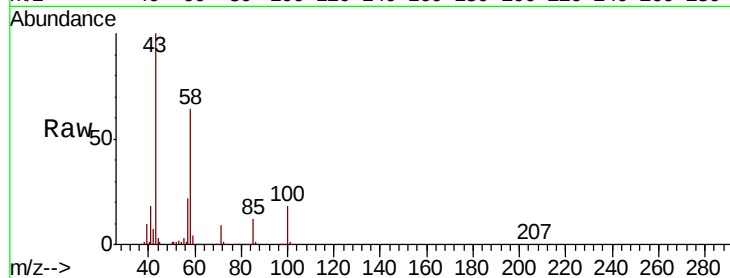




#59
2-Hexanone
Concen: 100.065 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

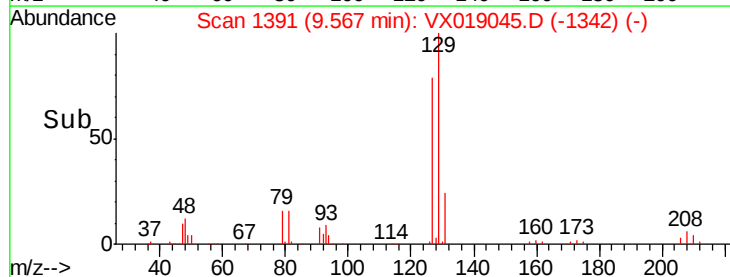
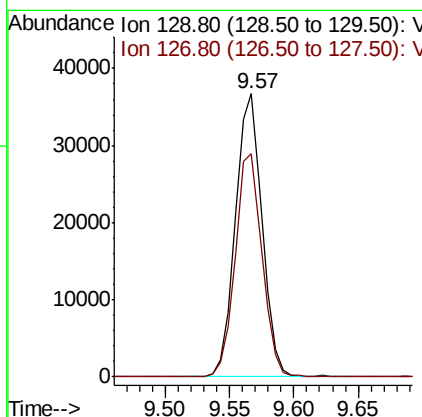
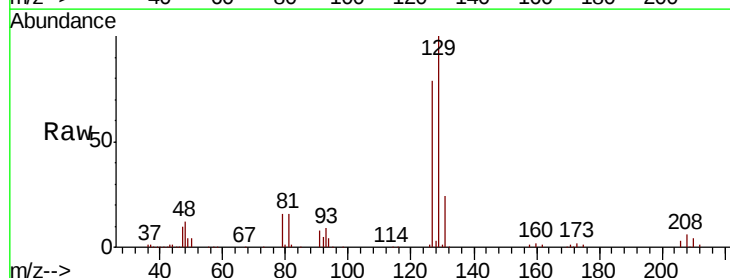
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS02

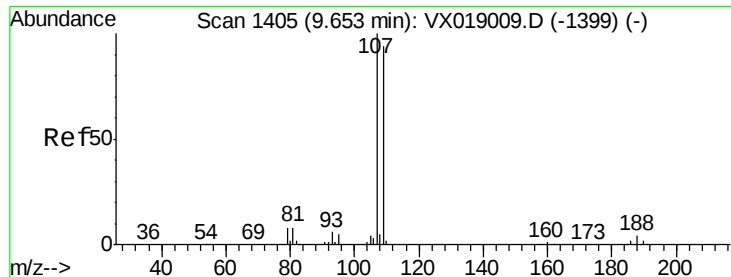
Tot Ion: 43 Resp: 212127
Ion Ratio Lower Upper
43 100
58 64.0 32.8 98.4



#60
Dibromochloromethane
Concen: 18.339 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

Tgt Ion:129 Resp: 52935
Ion Ratio Lower Upper
129 100
127 79.2 38.6 115.7

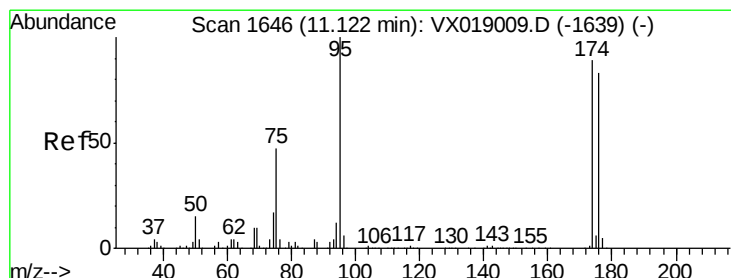
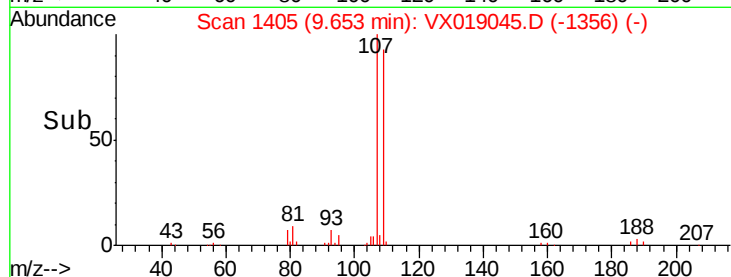
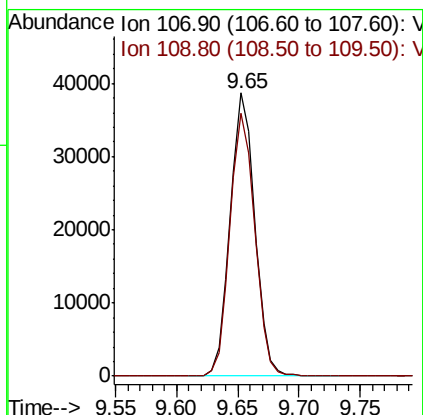
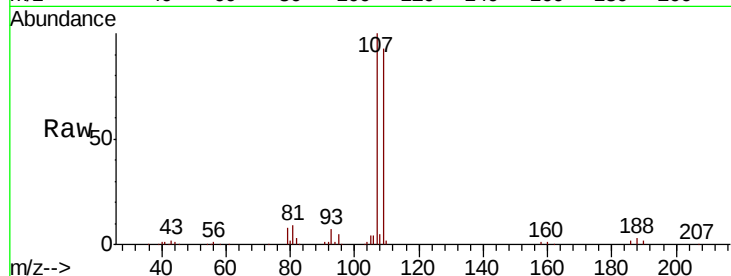




#61
 1,2-Dibromoethane
 Concen: 18.964 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

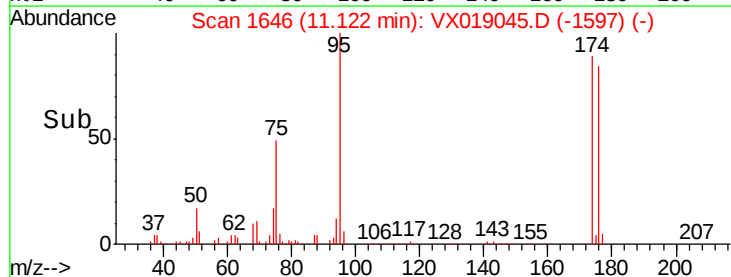
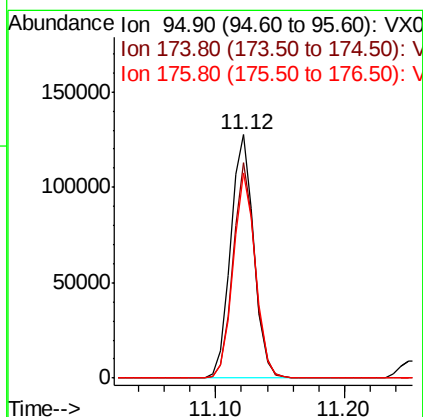
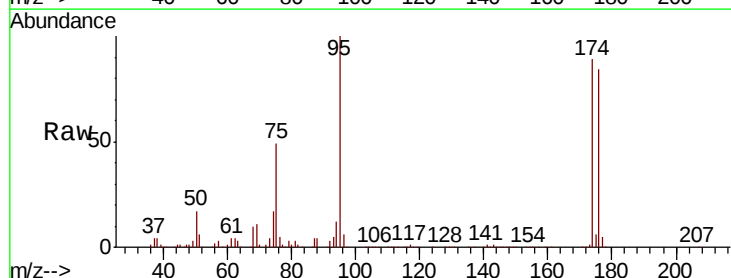
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS02

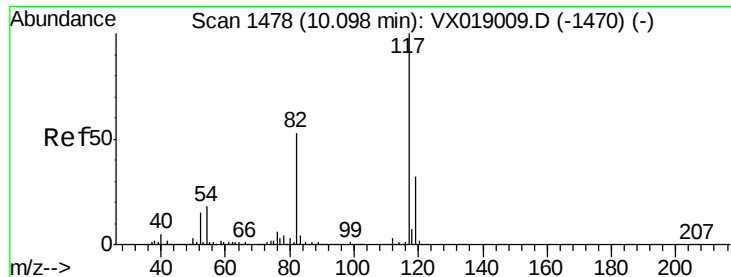
Tot Ion:107 Resp: 53734
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.210 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

Tgt Ion: 95 Resp: 160601
 Ion Ratio Lower Upper
 95 100
 174 83.7 0.0 167.6
 176 81.2 0.0 165.2

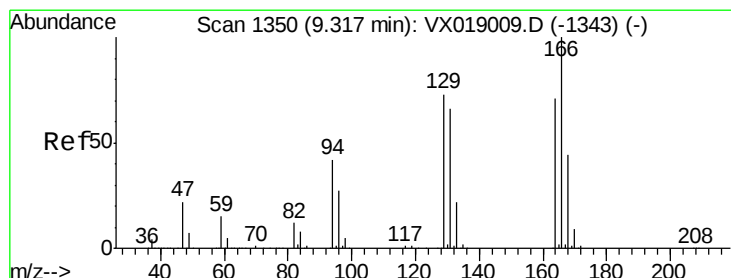
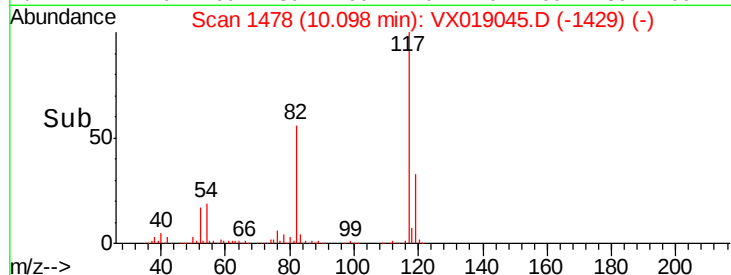
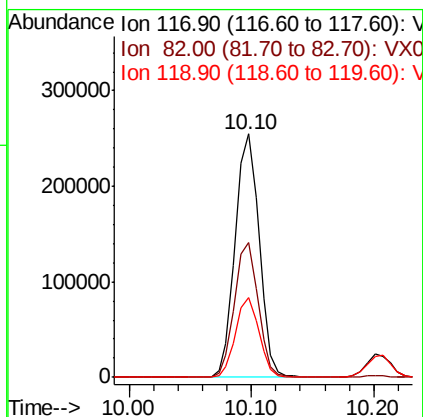
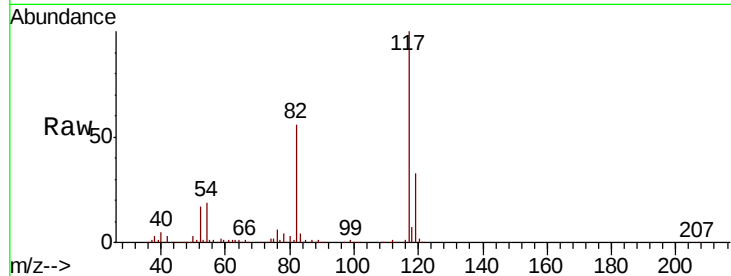




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

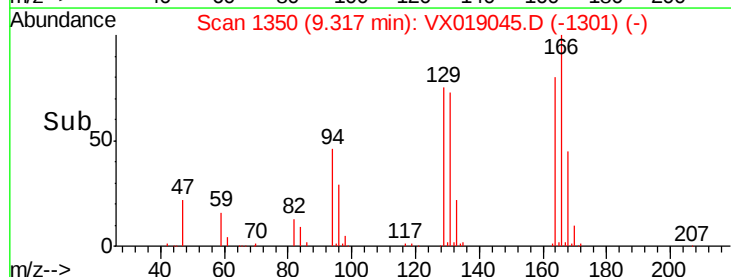
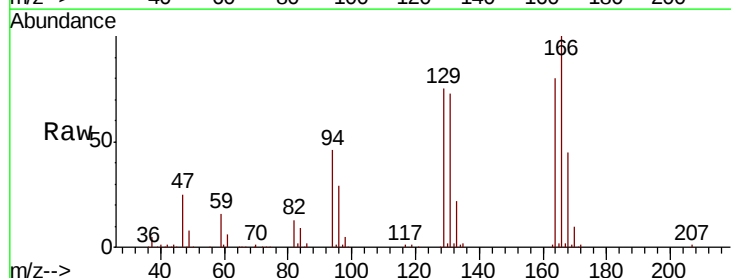
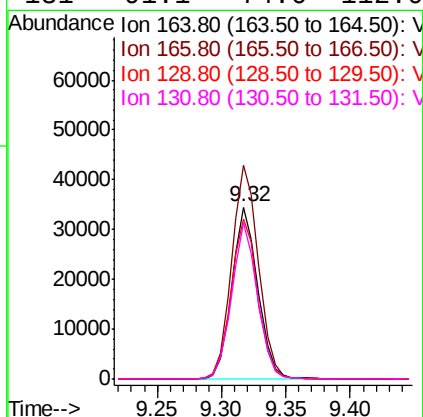
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS02

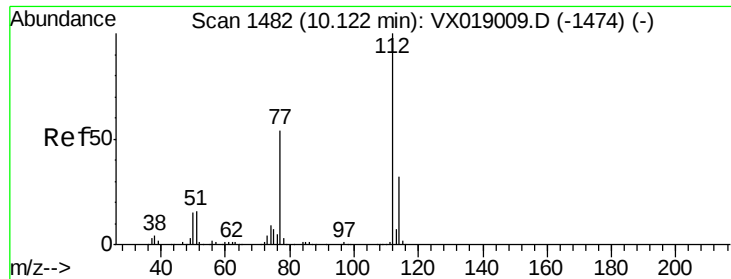
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	42.4	63.6
119	32.6	25.6	38.4



#64
Tetrachloroethene
Concen: 18.421 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.2	112.2	168.4
129	93.2	81.8	122.8
131	91.1	74.6	112.0

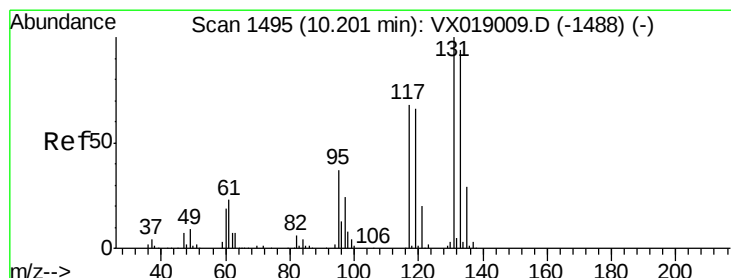
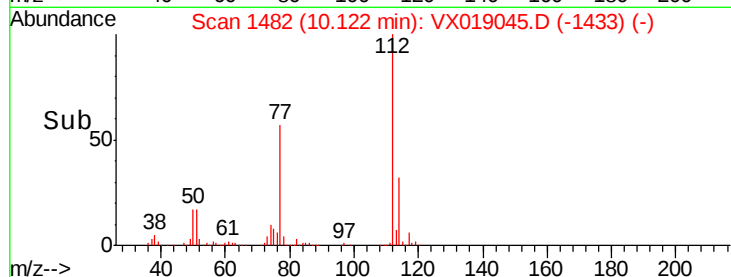
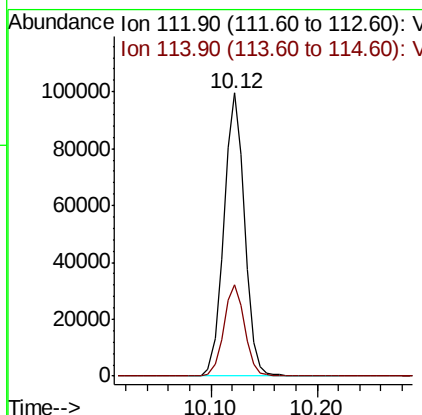
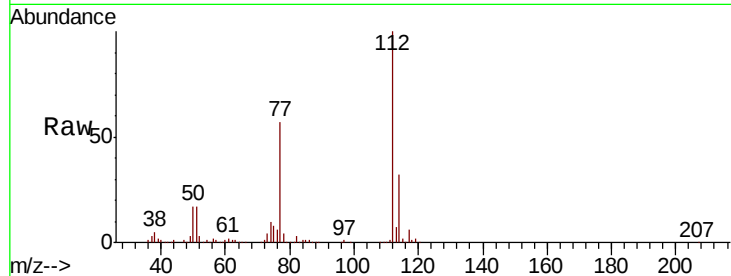




#65
Chlorobenzene
Concen: 18.654 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

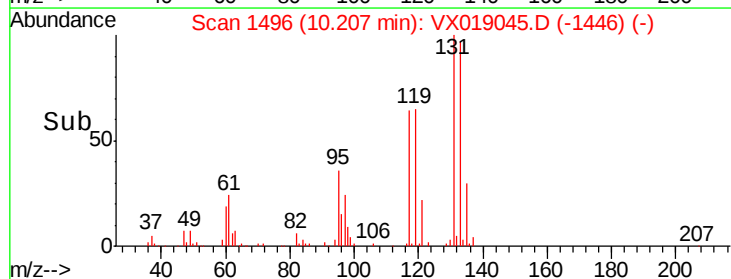
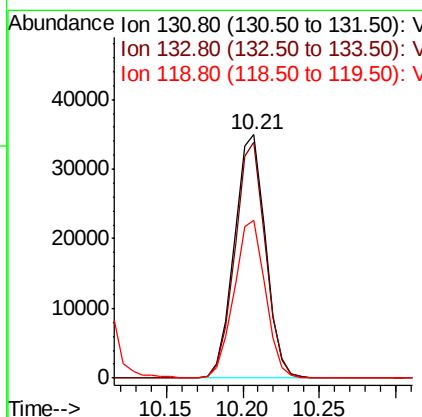
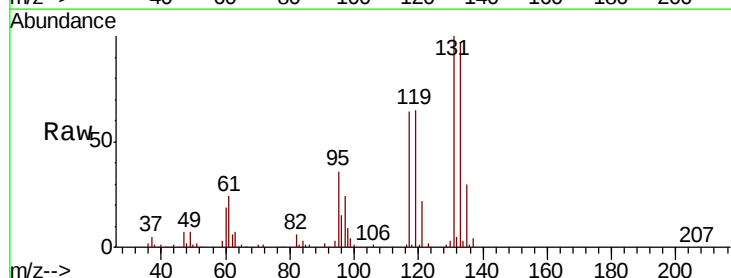
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS02

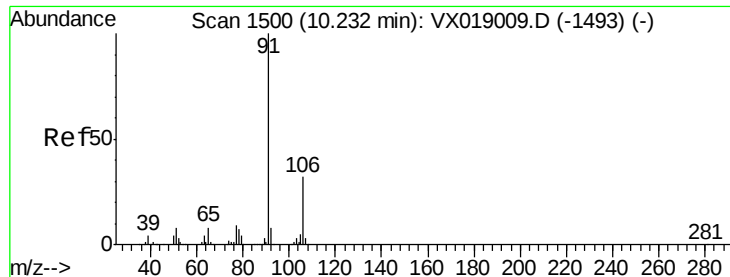
Tot Ion:112 Resp: 135562
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.085 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

Tgt Ion:131 Resp: 49309
Ion Ratio Lower Upper
131 100
133 95.0 47.0 141.2
119 65.2 32.9 98.7

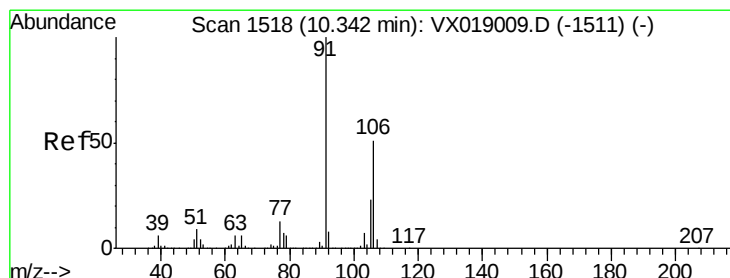
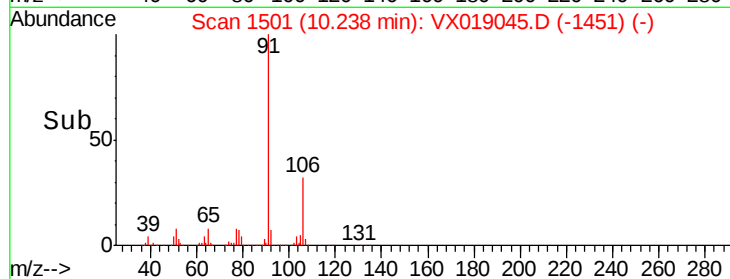
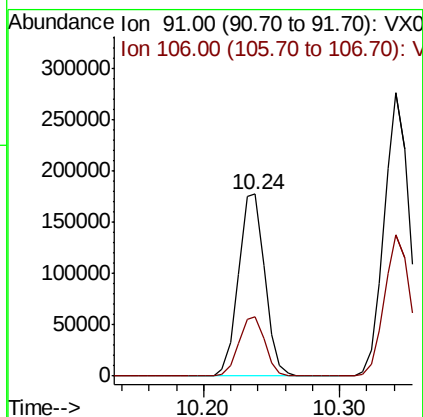
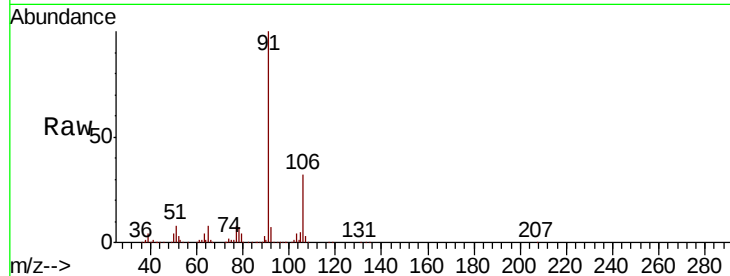




#67
Ethyl Benzene
Concen: 19.193 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

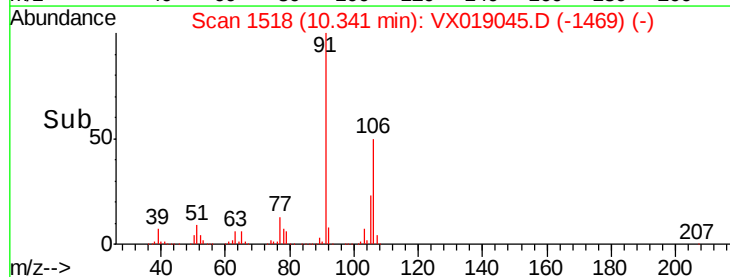
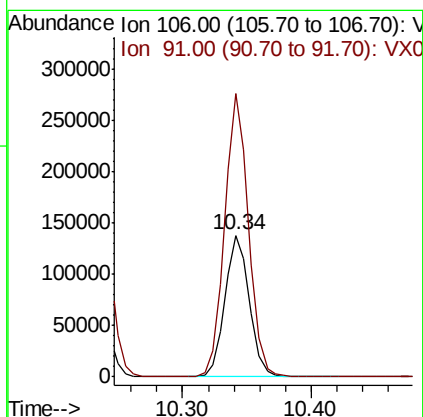
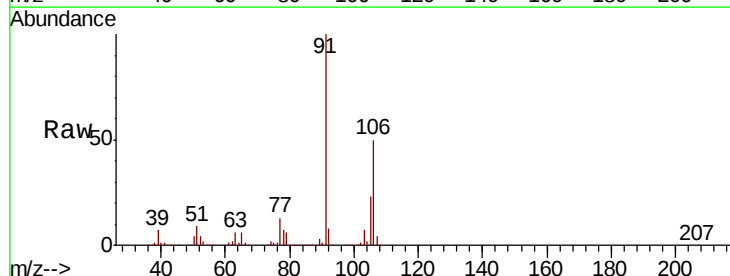
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS02

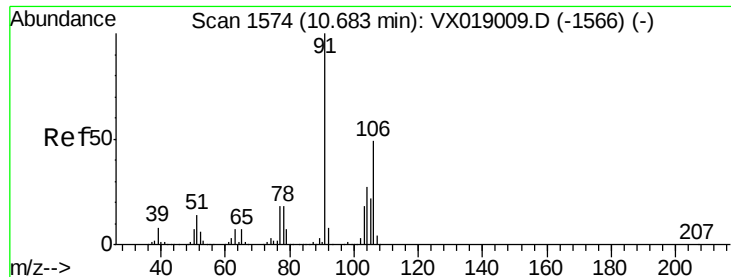
Tot Ion: 91 Resp: 240416
Ion Ratio Lower Upper
91 100
106 32.4 25.3 37.9



#68
m/p-Xylenes
Concen: 38.371 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

Tgt Ion: 106 Resp: 184120
Ion Ratio Lower Upper
106 100
91 195.7 156.9 235.3

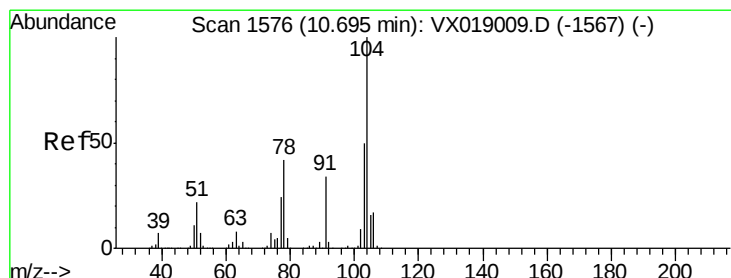
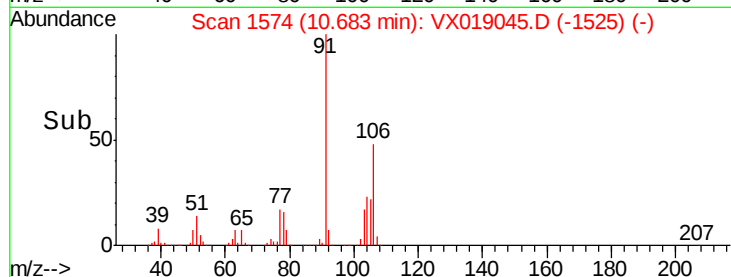
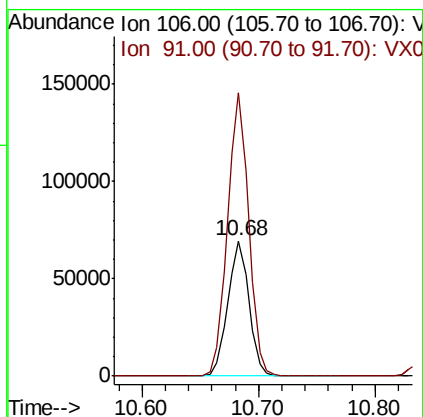
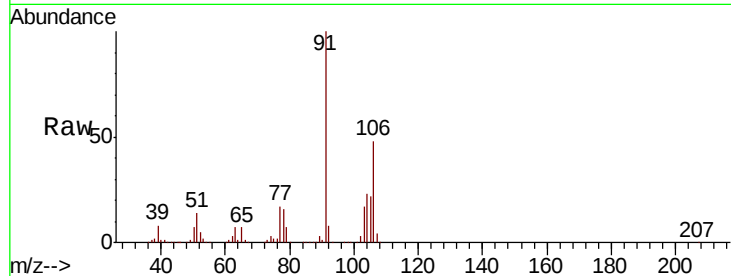




#69
o-Xylene
Concen: 19.183 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

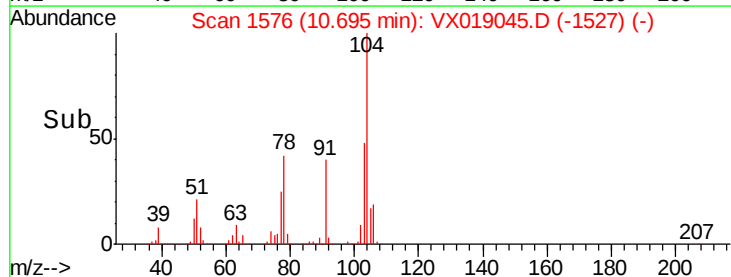
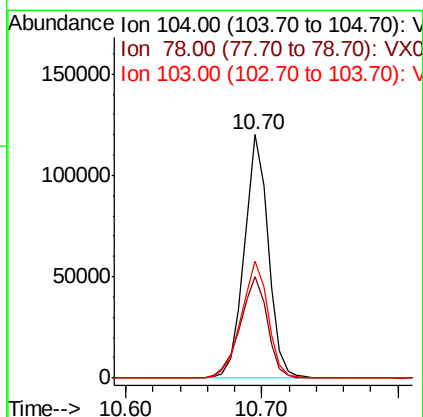
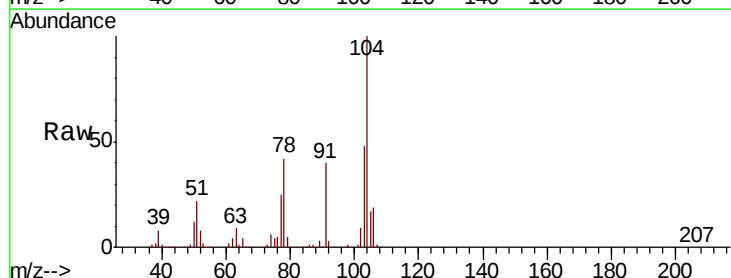
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS02

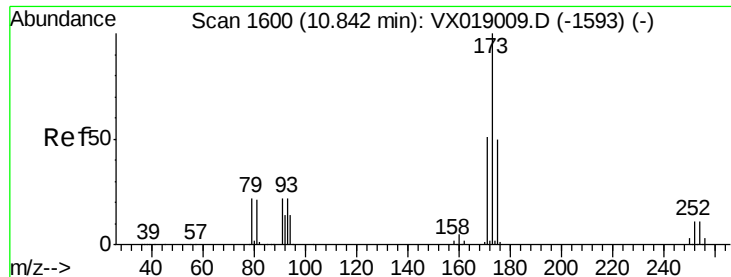
Tot Ion:106 Resp: 88097
Ion Ratio Lower Upper
106 100
91 209.2 104.0 312.0



#70
Styrene
Concen: 18.987 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

Tgt Ion:104 Resp: 148041
Ion Ratio Lower Upper
104 100
78 47.3 37.7 56.5
103 53.6 43.5 65.3





#71

Bromoform

Concen: 17.592 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS02

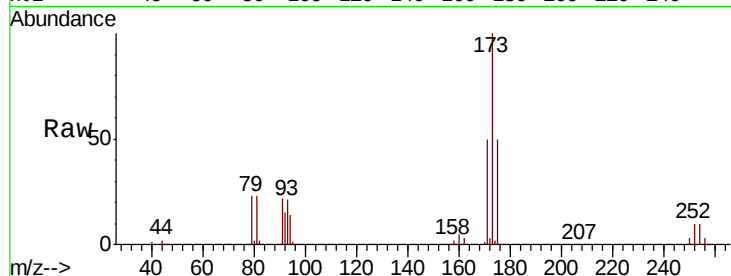
Tot Ion:173 Resp: 36692

Ion Ratio Lower Upper

173 100

175 50.2 24.1 72.4

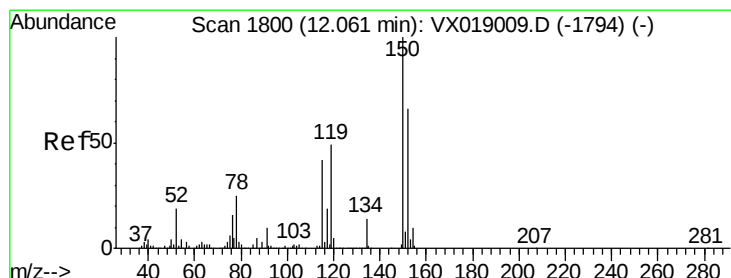
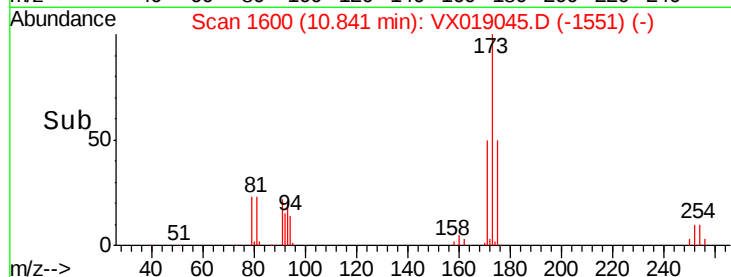
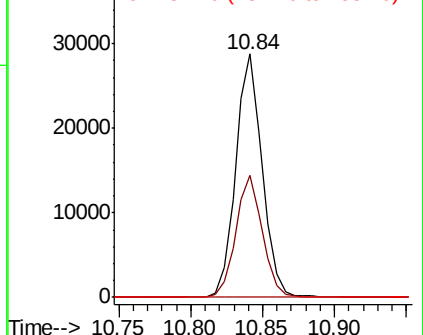
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

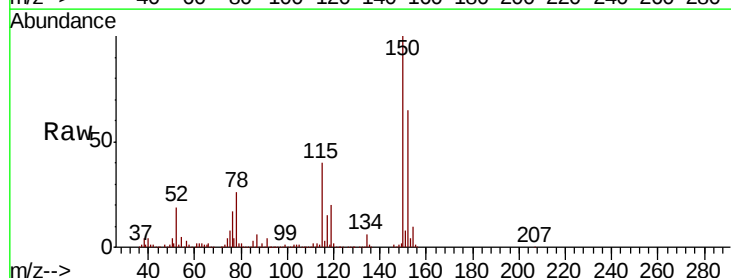
Tgt Ion:152 Resp: 176990

Ion Ratio Lower Upper

152 100

115 66.4 40.8 122.5

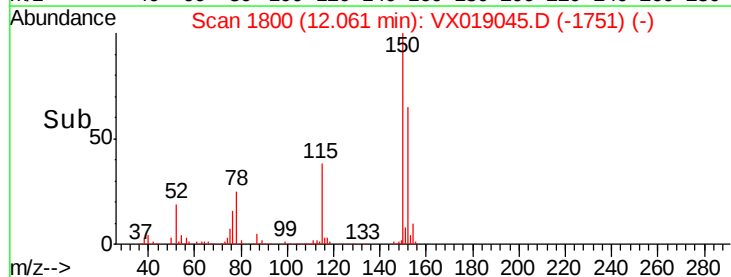
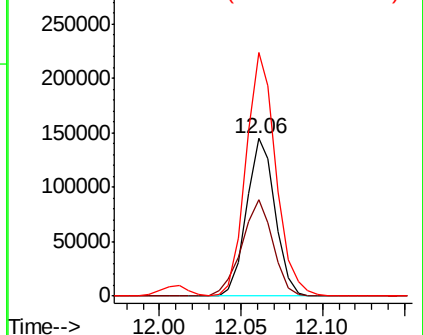
150 162.4 0.0 345.6

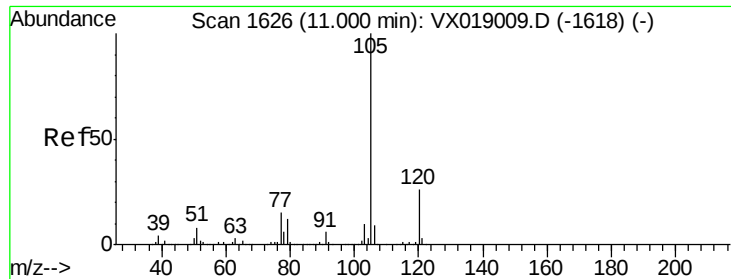


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.698 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

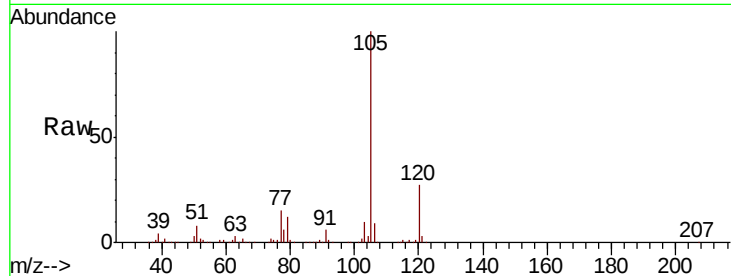
VX1022WBS02

Tot Ion:105 Resp: 238065

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

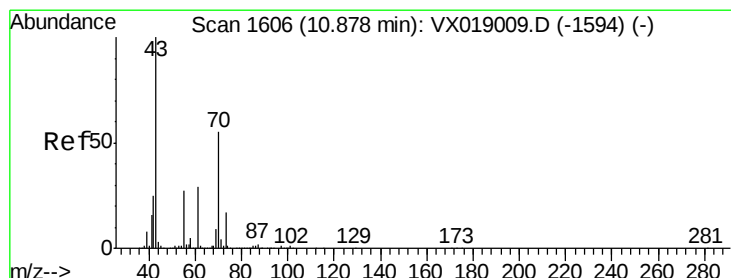
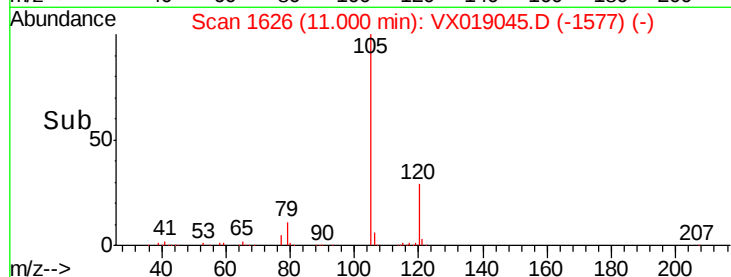
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 18.898 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Tgt Ion: 43 Resp: 77091

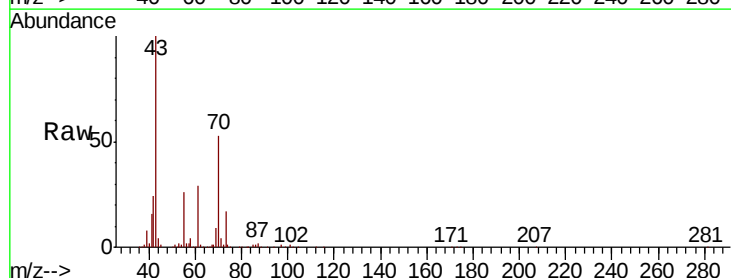
Ion Ratio Lower Upper

43 100

70 53.6 44.5 66.7

55 27.2 21.9 32.9

61 29.1 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

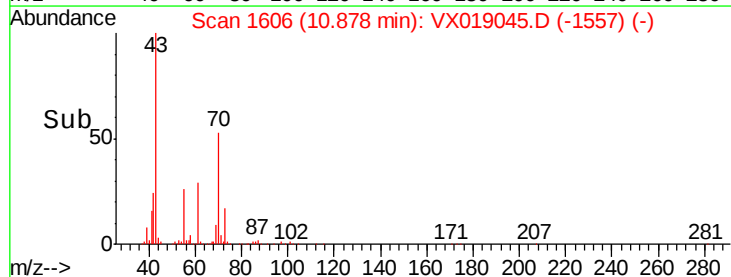
0

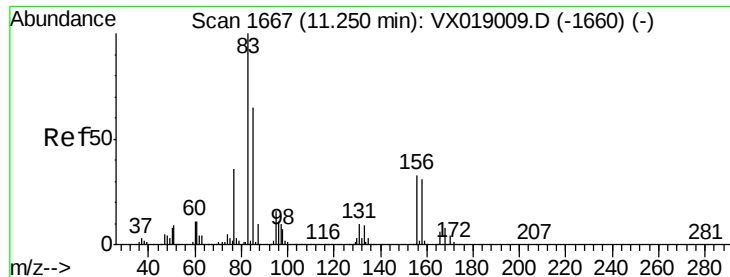
10.88

10.80

10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.771 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS02

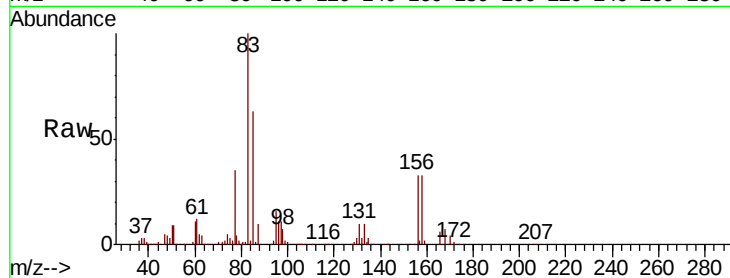
Tot Ion: 83 Resp: 75834

Ion Ratio Lower Upper

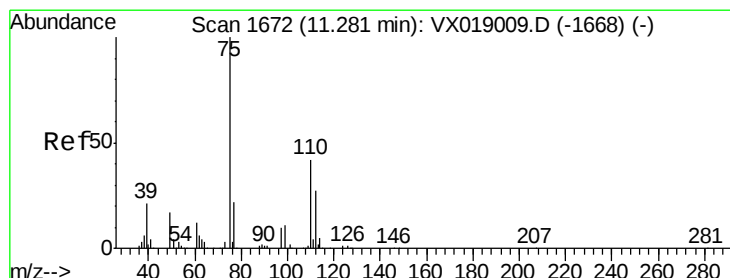
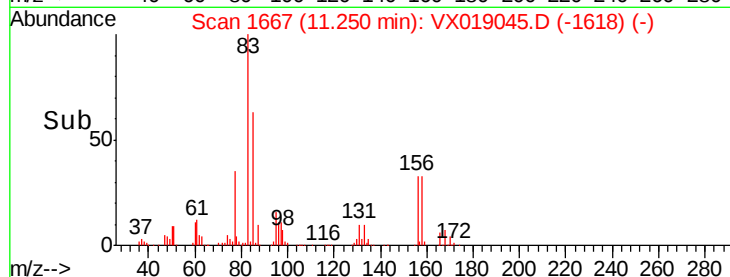
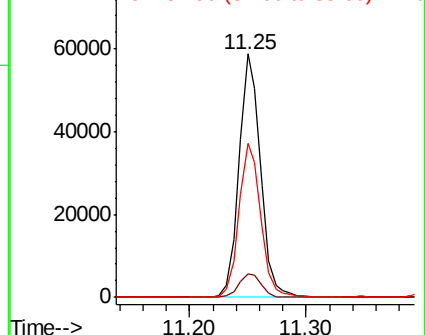
83 100

131 10.3 5.1 15.4

85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.199 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019045.D

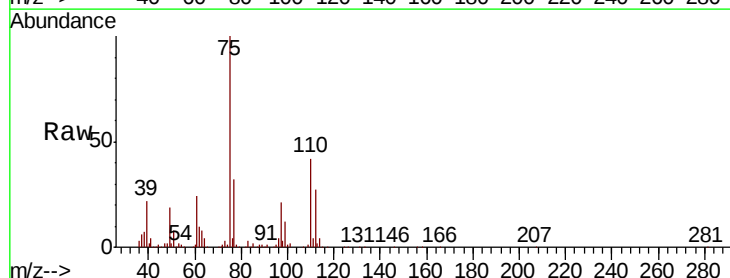
Acq: 22 Oct 2020 23:05

Tgt Ion: 75 Resp: 85604

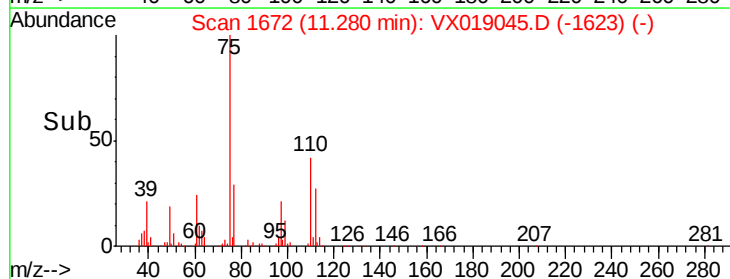
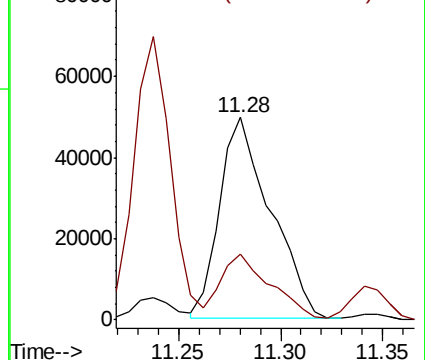
Ion Ratio Lower Upper

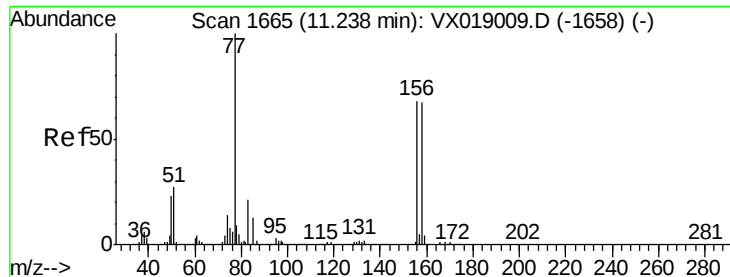
75 100

77 31.8 20.7 62.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.504 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS02

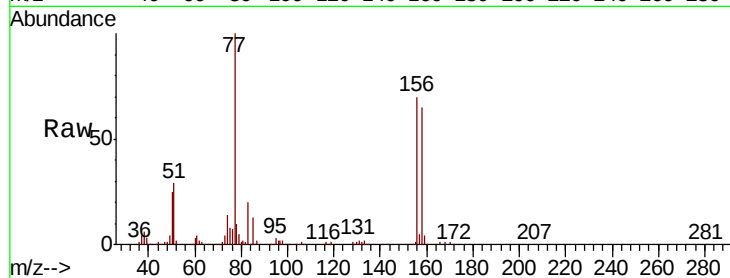
Tot Ion:156 Resp: 59502

Ion Ratio Lower Upper

156 100

77 147.9 74.4 223.1

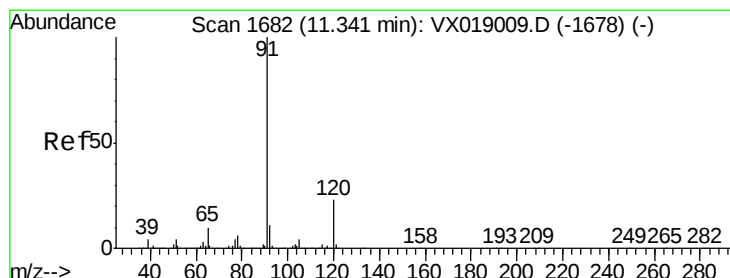
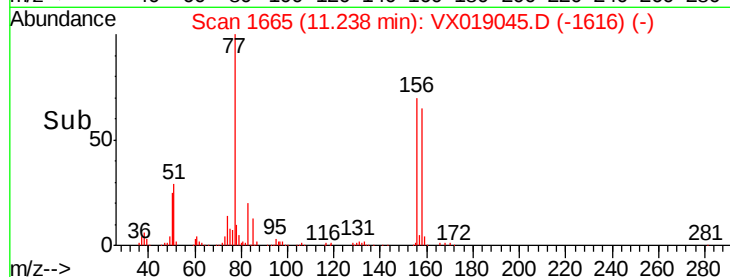
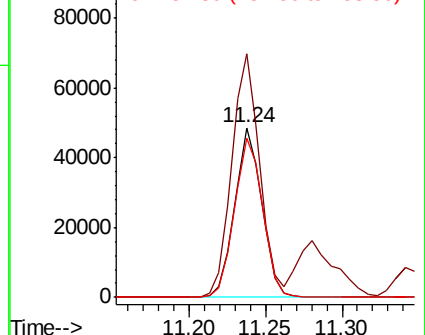
158 97.8 48.8 146.3



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: 18.481 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019045.D

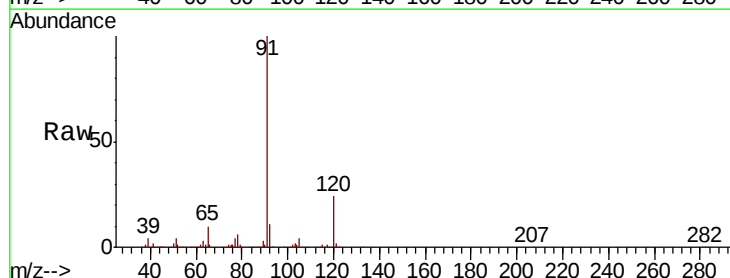
Acq: 22 Oct 2020 23:05

Tgt Ion: 91 Resp: 266630

Ion Ratio Lower Upper

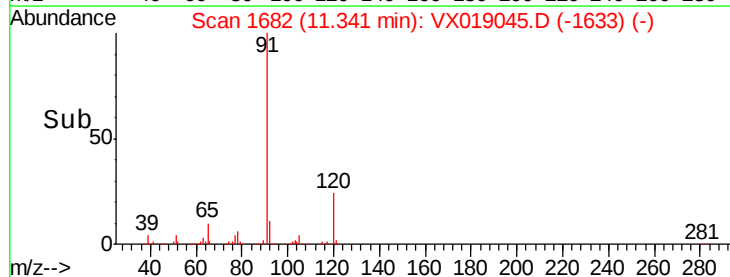
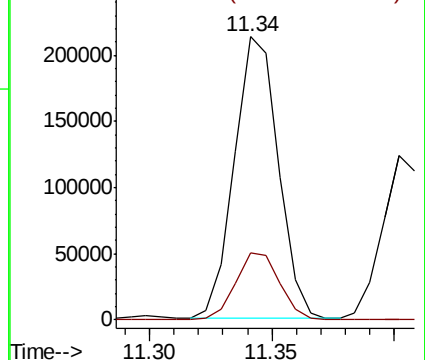
91 100

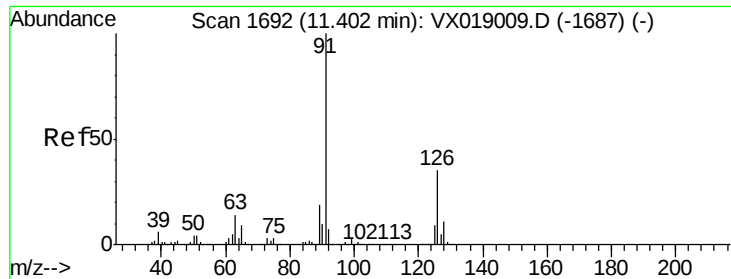
120 23.9 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

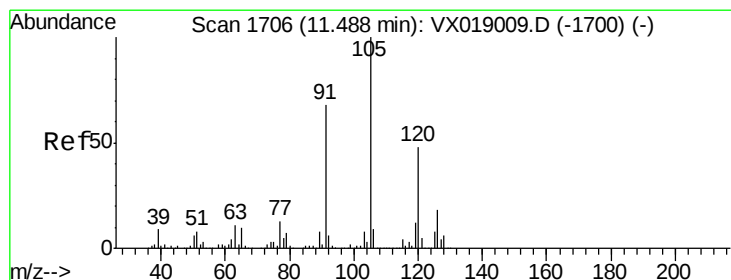
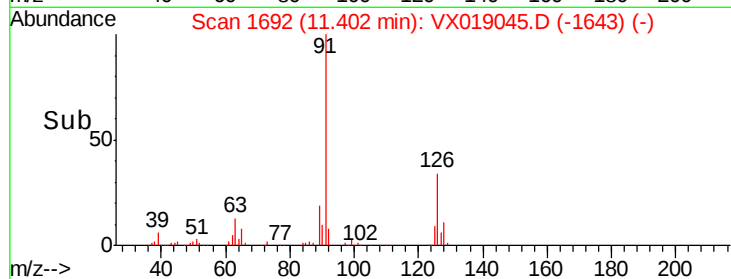
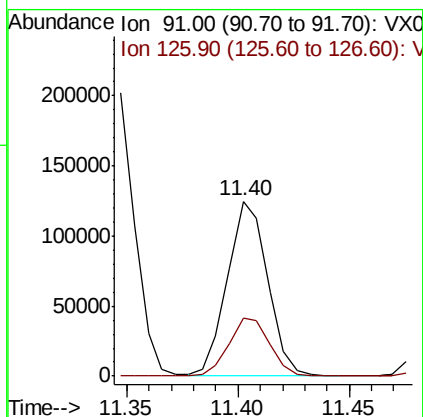
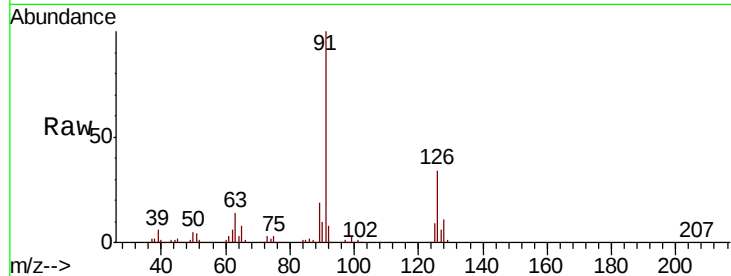




#79
 2-Chlorotoluene
 Concen: 18.539 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

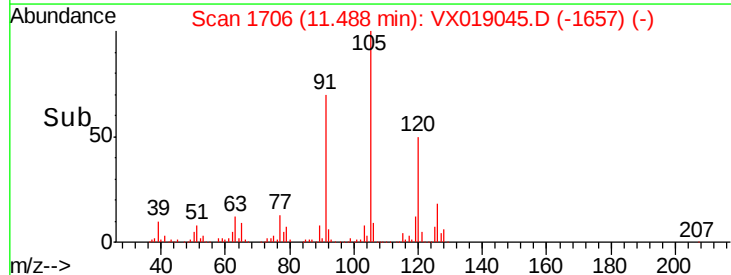
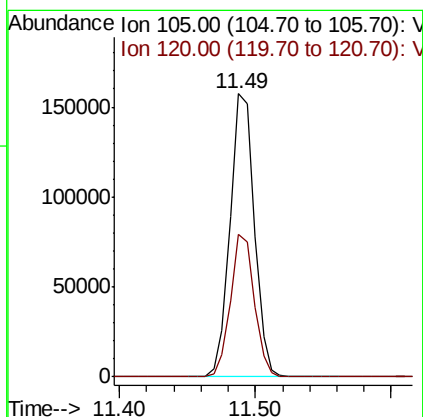
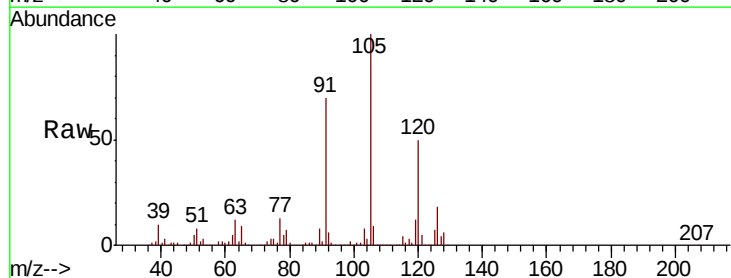
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS02

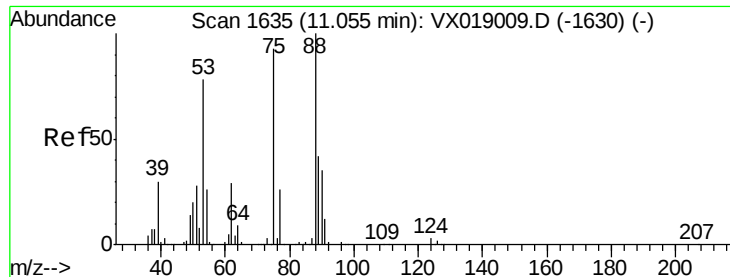
Tot Ion: 91 Resp: 156036
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 18.637 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

Tgt Ion: 105 Resp: 195949
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.606 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS02

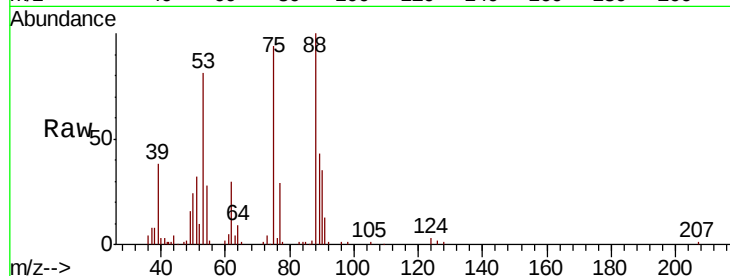
Tot Ion: 75 Resp: 23057

Ion Ratio Lower Upper

75 100

53 87.7 67.4 101.2

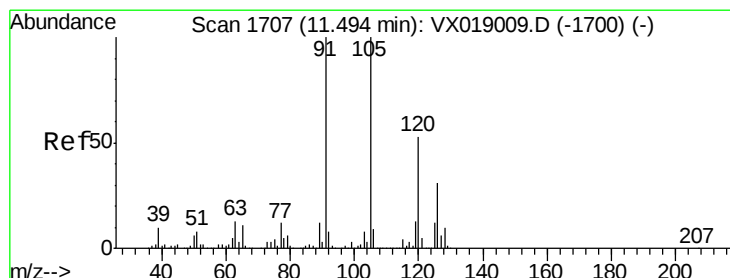
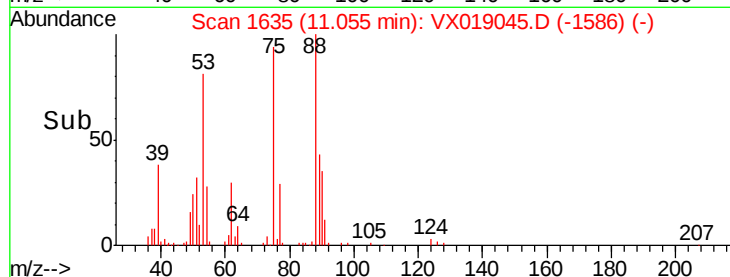
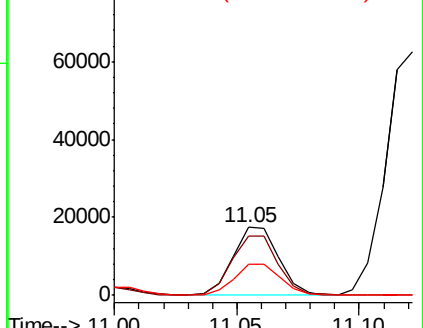
89 45.8 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.613 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019045.D

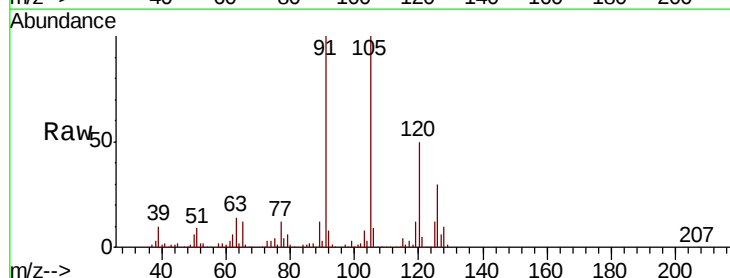
Acq: 22 Oct 2020 23:05

Tgt Ion: 91 Resp: 186408

Ion Ratio Lower Upper

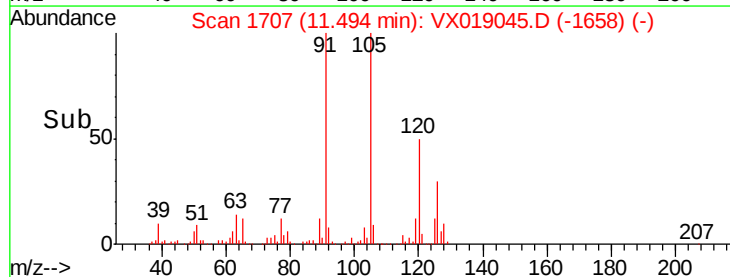
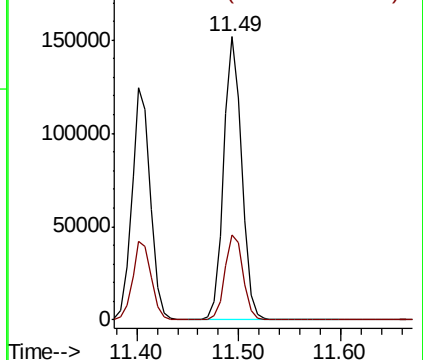
91 100

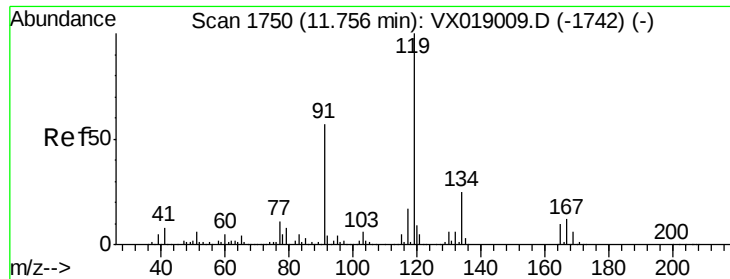
126 30.2 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.360 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS02

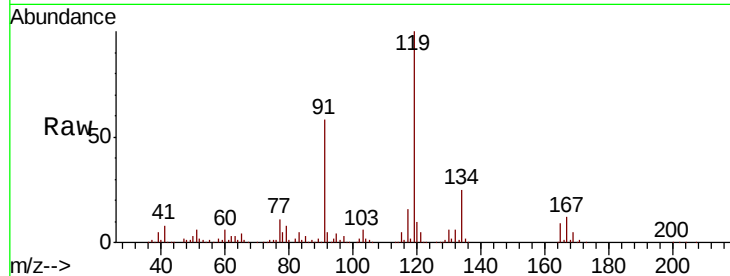
Tot Ion:119 Resp: 190166

Ion Ratio Lower Upper

119 100

91 57.1 28.1 84.4

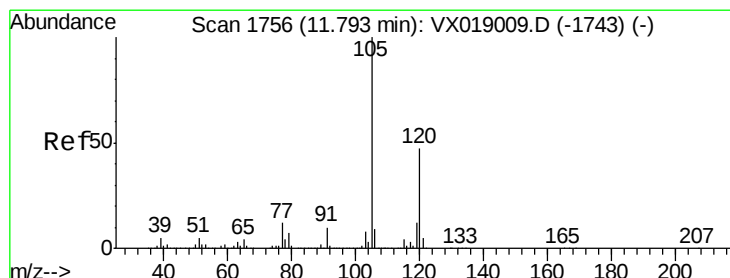
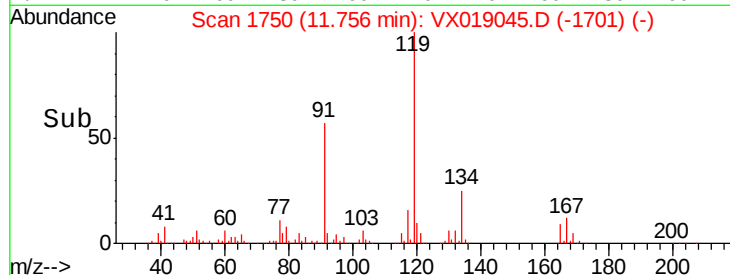
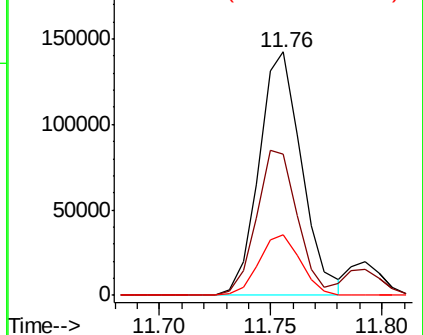
134 24.0 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.816 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019045.D

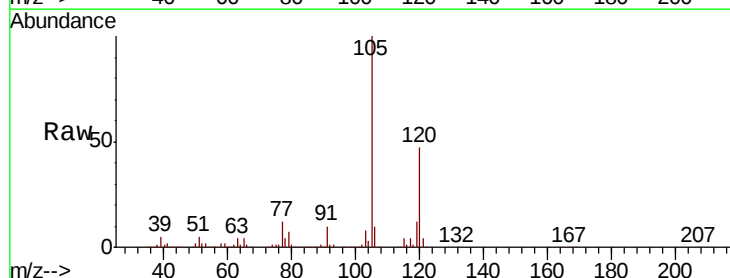
Acq: 22 Oct 2020 23:05

Tgt Ion:105 Resp: 198102

Ion Ratio Lower Upper

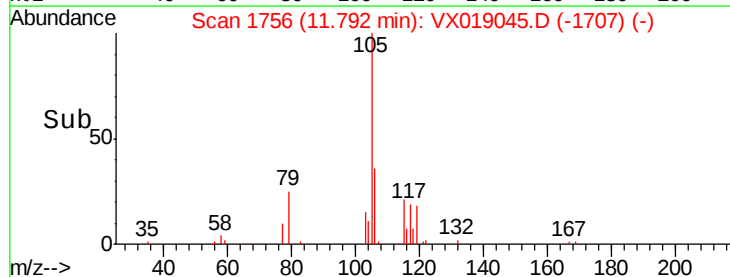
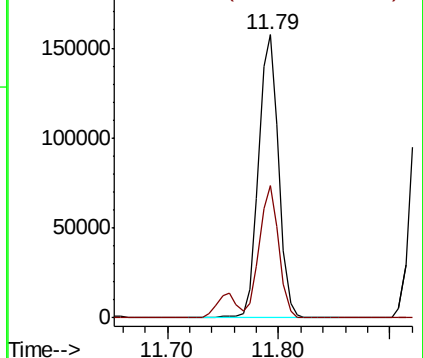
105 100

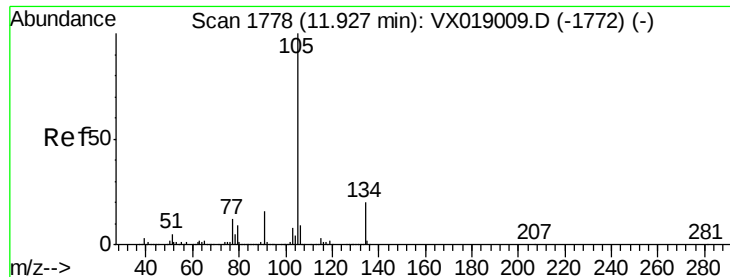
120 45.3 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.465 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

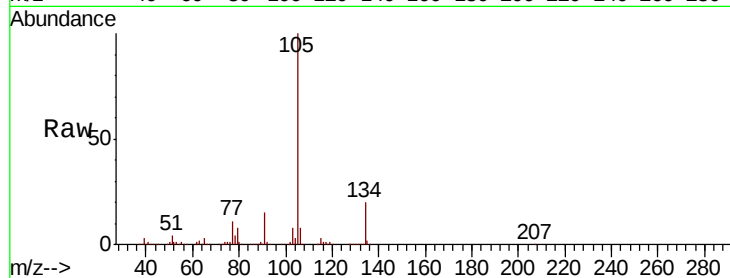
VX1022WBS02

Tot Ion:105 Resp: 231437

Ion Ratio Lower Upper

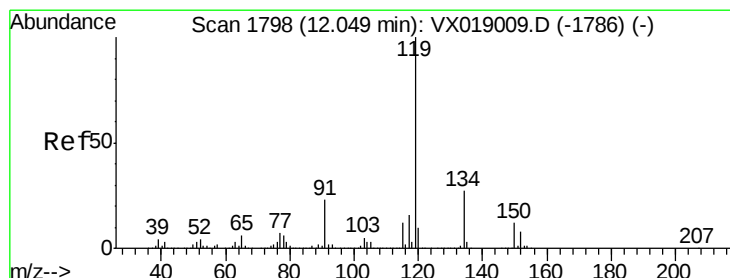
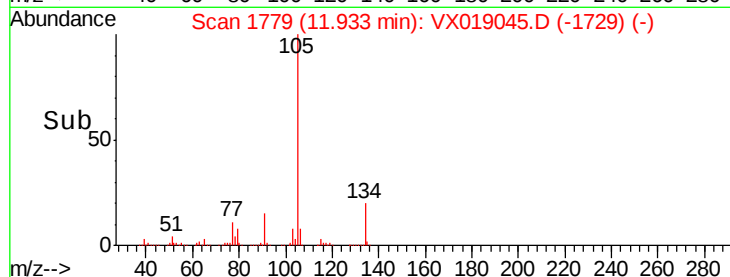
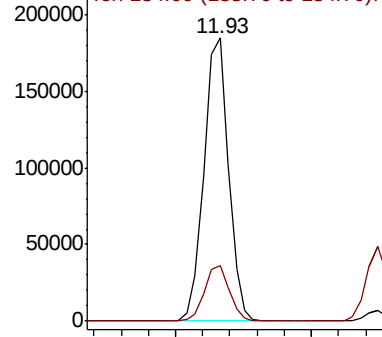
105 100

134 19.9 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: 18.451 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

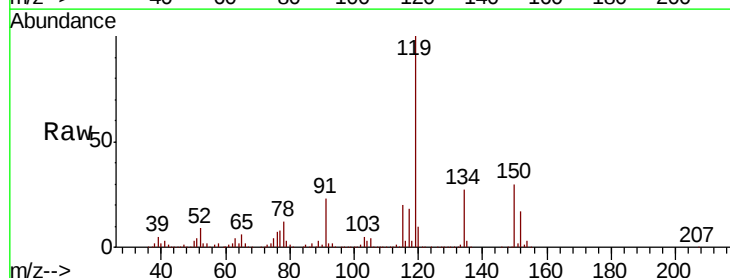
Tgt Ion:119 Resp: 211302

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

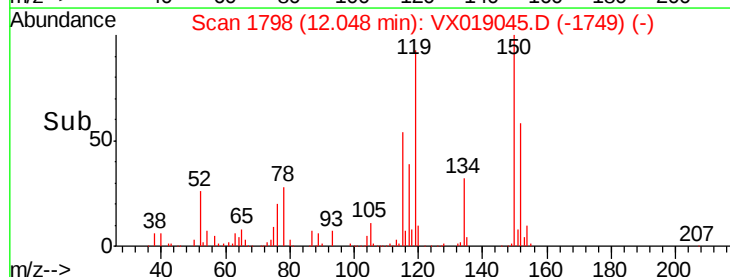
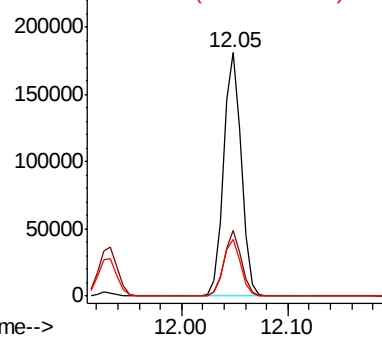
91 23.1 11.4 34.2

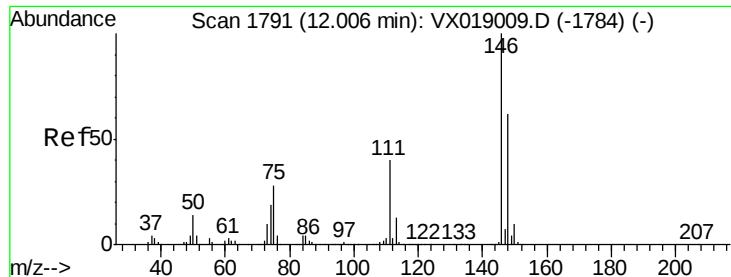


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.420 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS02

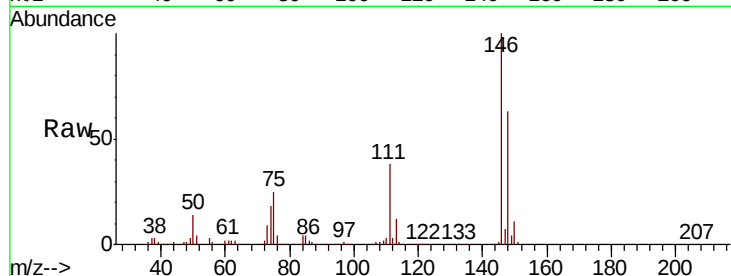
Tot Ion:146 Resp: 108651

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.1

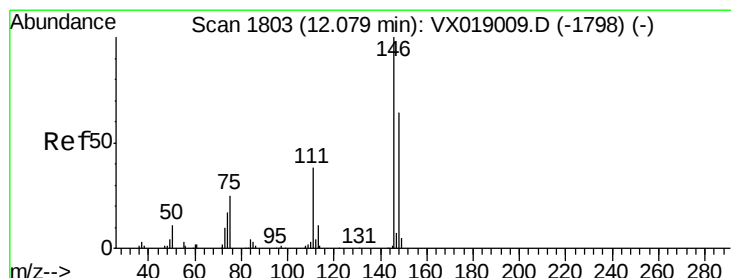
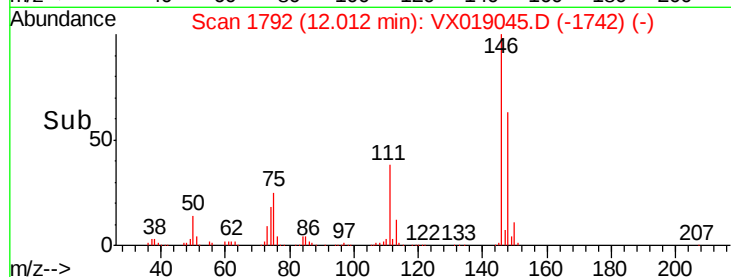
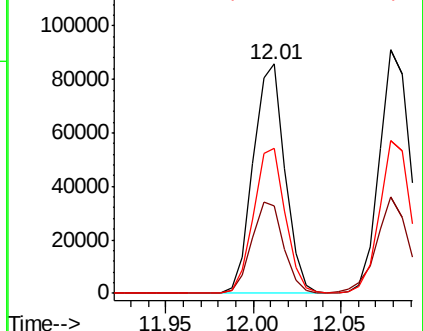
148 63.0 32.0 96.0



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



#88

1,4-Dichlorobenzene

Concen: 18.262 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

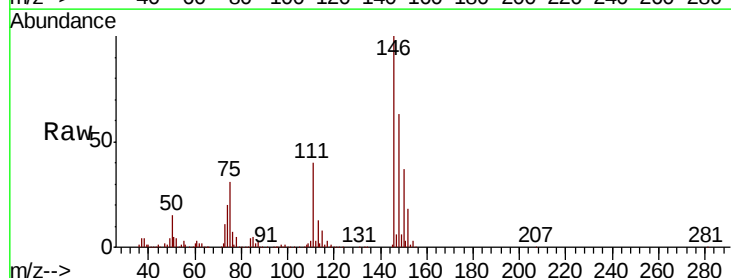
Tgt Ion:146 Resp: 110545

Ion Ratio Lower Upper

146 100

111 40.5 19.4 58.2

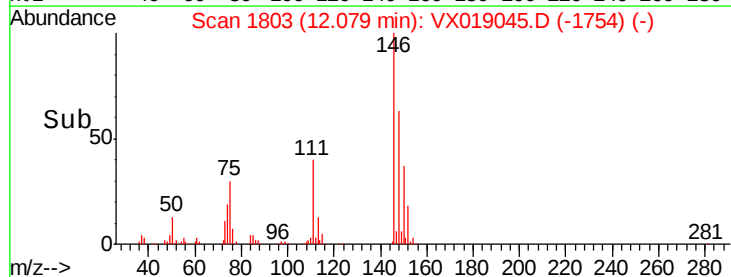
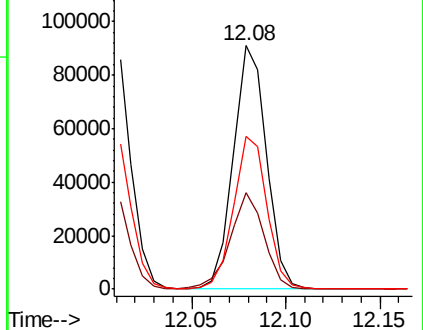
148 63.6 32.2 96.6

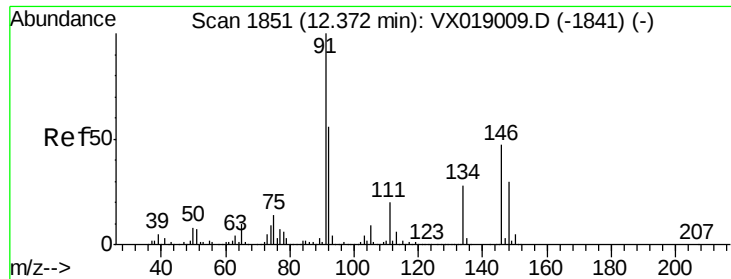


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

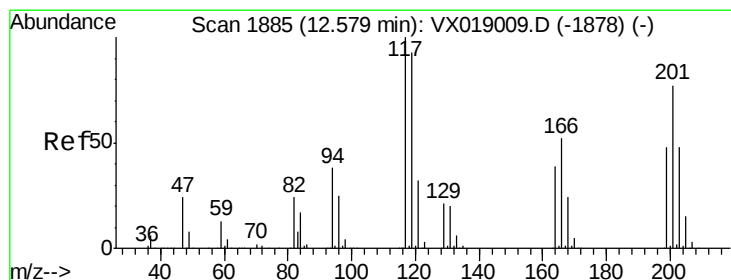
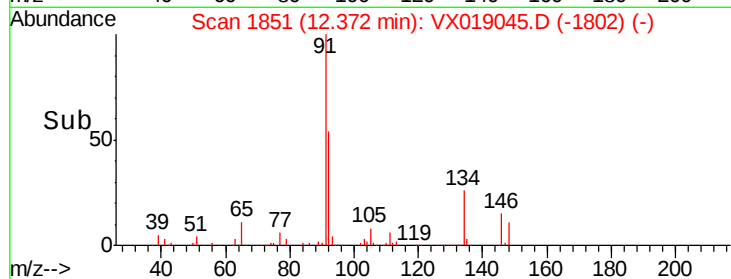
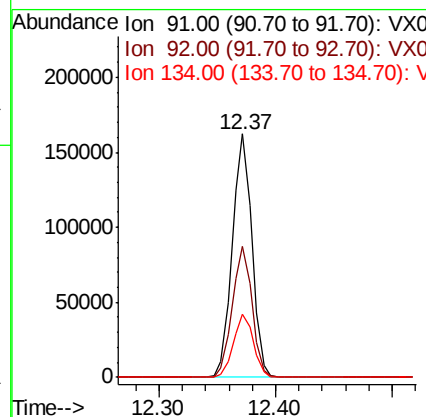
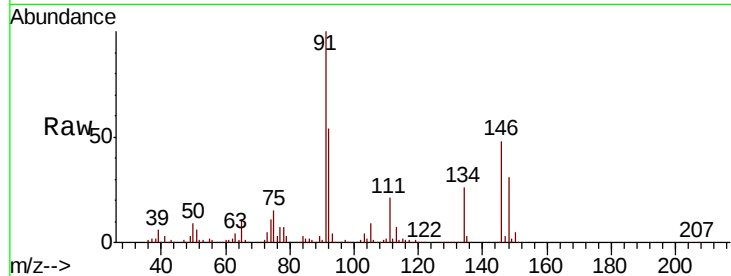




#89
n-Butylbenzene
Concen: 18.063 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

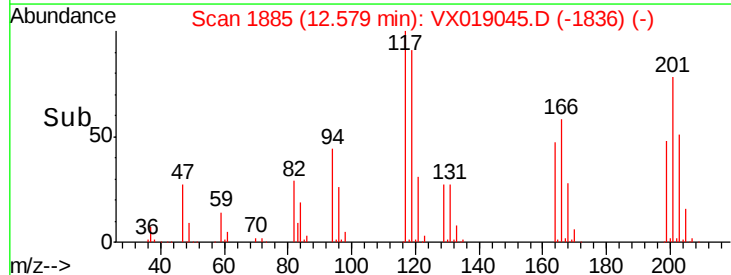
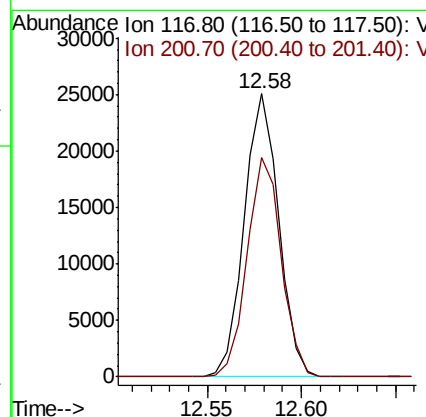
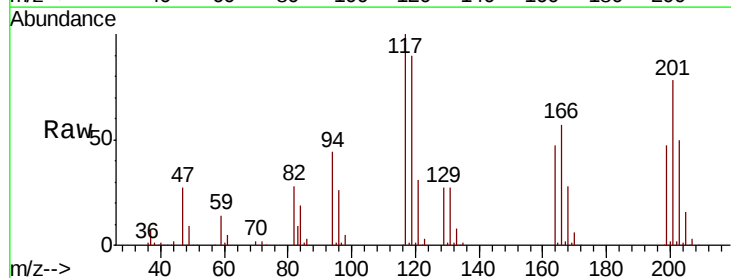
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS02

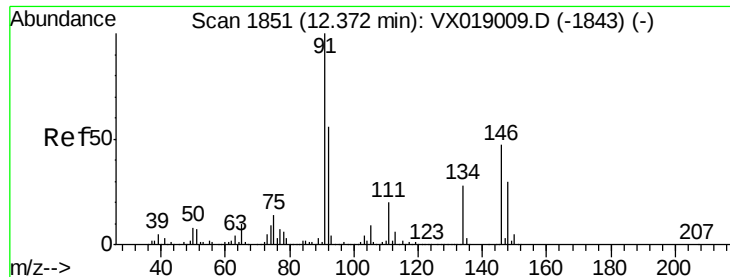
Tot Ion: 91 Resp: 189353
Ion Ratio Lower Upper
91 100
92 54.0 27.3 81.9
134 26.3 13.6 40.7



#90
Hexachloroethane
Concen: 18.113 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019045.D
Acq: 22 Oct 2020 23:05

Tgt Ion: 117 Resp: 31756
Ion Ratio Lower Upper
117 100
201 76.9 37.1 111.3

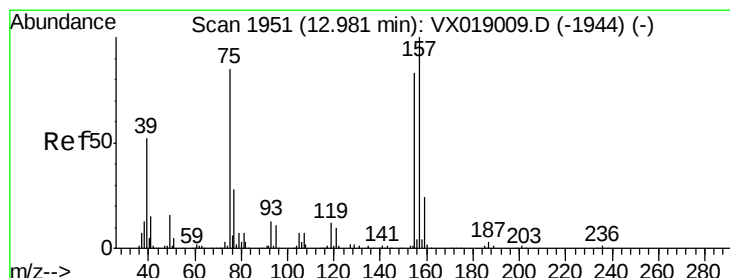
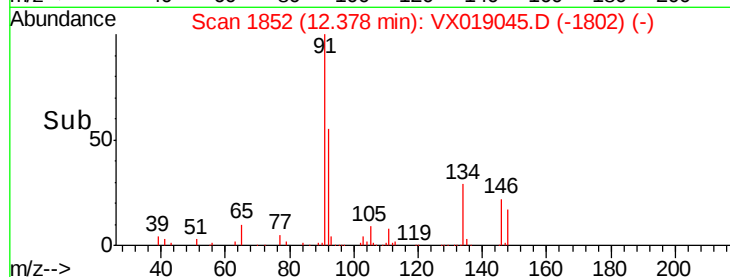
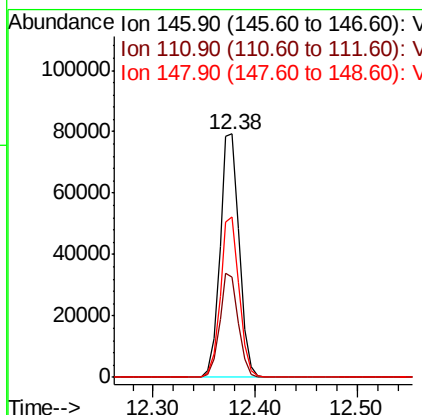
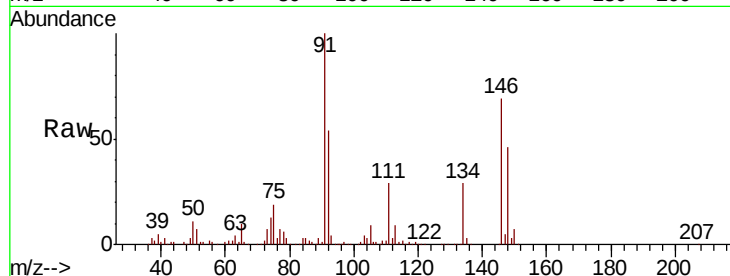




#91
 1,2-Dichlorobenzene
 Concen: 18.978 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

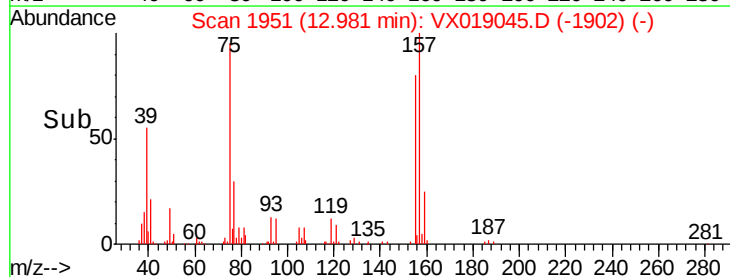
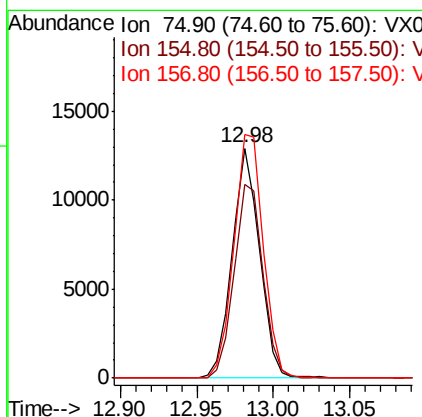
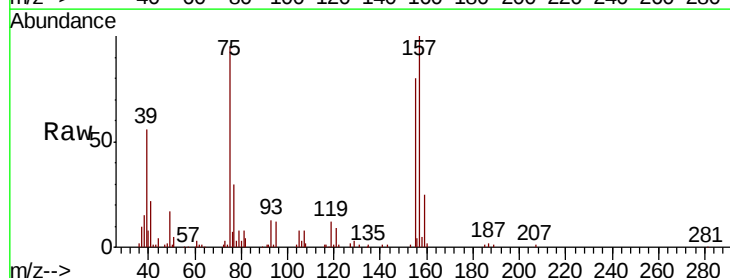
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS02

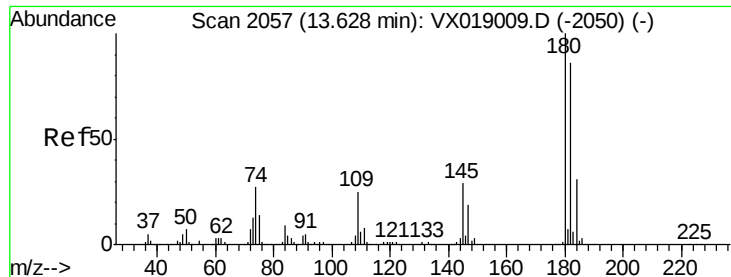
Tot Ion:146 Resp: 104375
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.9 59.7
 148 64.2 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.345 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

Tgt Ion: 75 Resp: 16023
 Ion Ratio Lower Upper
 75 100
 155 88.8 47.3 142.0
 157 113.5 59.7 179.0

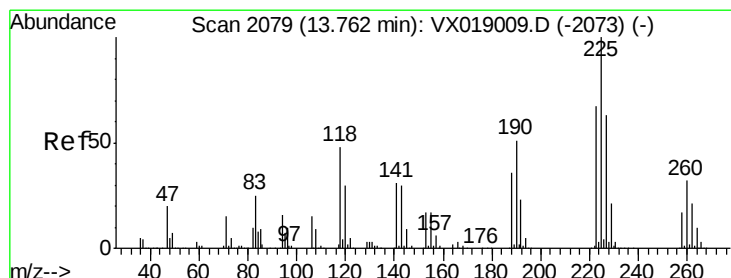
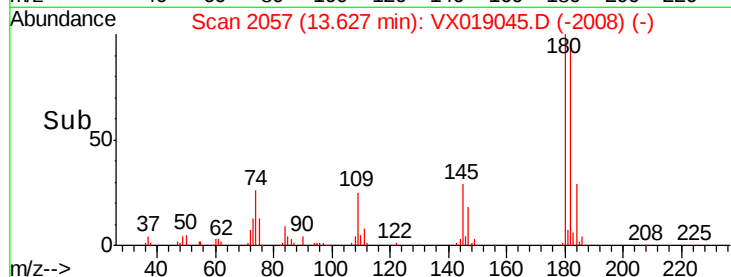
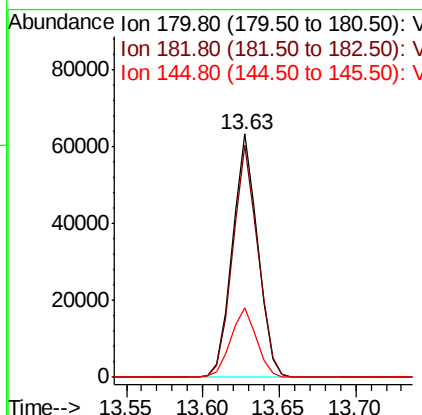
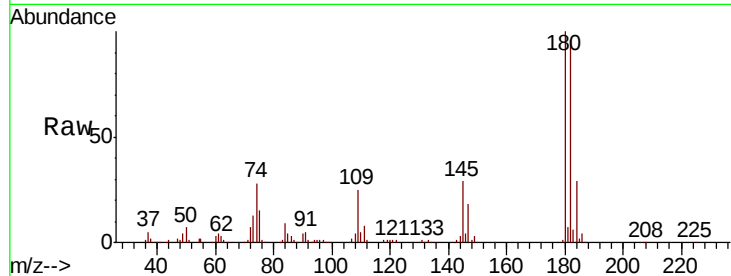




#93
 1,2,4-Trichlorobenzene
 Concen: 17.987 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

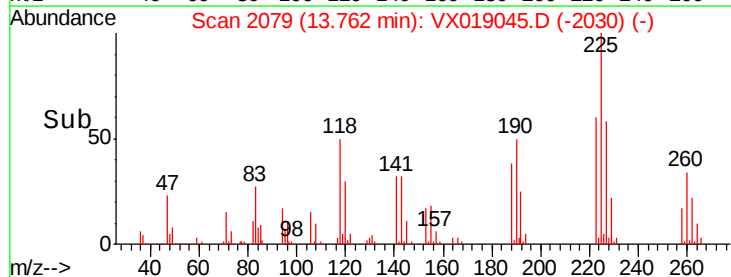
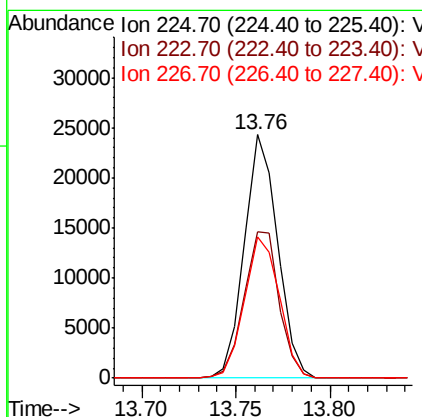
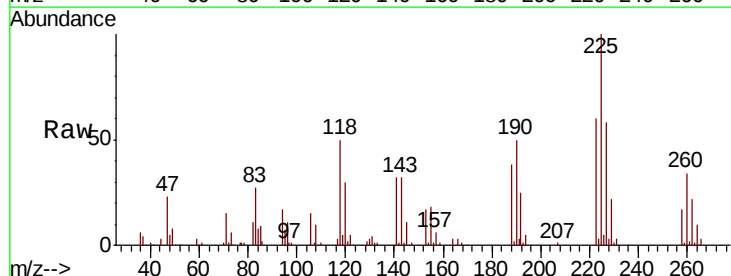
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS02

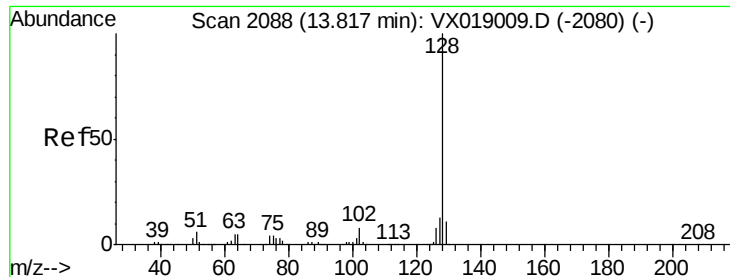
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.4	139.2
145	29.2	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 15.947 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019045.D
 Acq: 22 Oct 2020 23:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.5	97.4
227	61.3	31.9	95.7





#95

Naphthalene

Concen: 18.250 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBS02

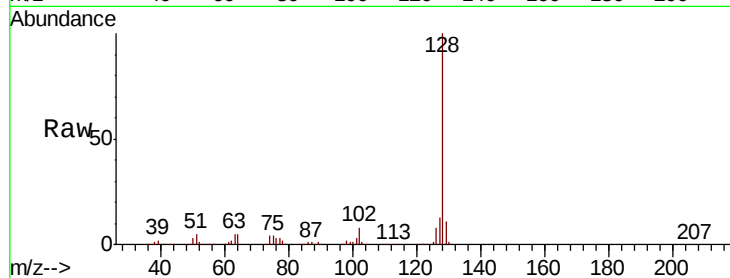
Tot Ion:128 Resp: 231035

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

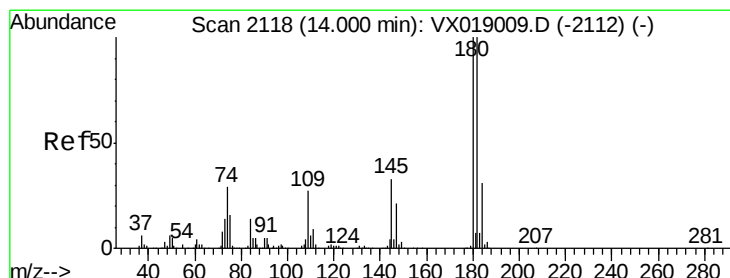
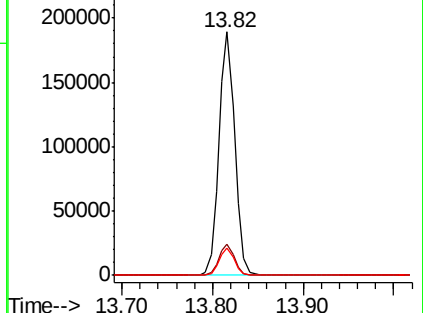
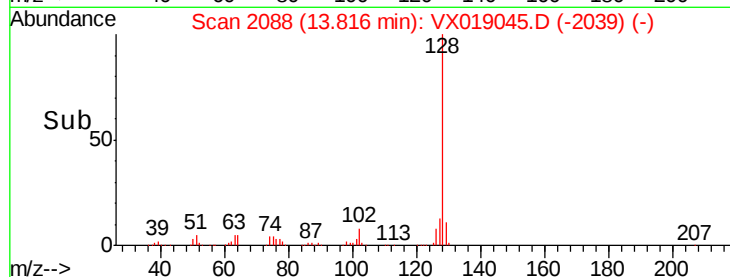
129 10.9 8.7 13.1



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: 17.237 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019045.D

Acq: 22 Oct 2020 23:05

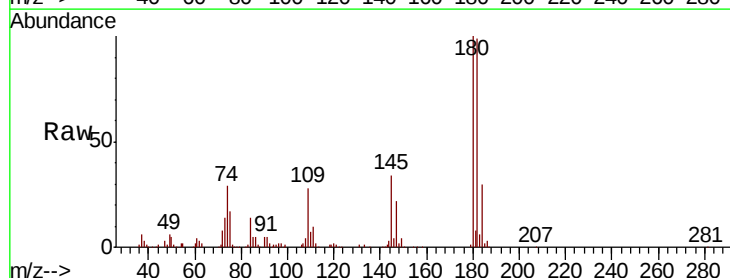
Tgt Ion:180 Resp: 67507

Ion Ratio Lower Upper

180 100

182 98.5 47.3 142.0

145 33.0 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

