

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102620\
 Data File : VX019123.D
 Acq On : 26 Oct 2020 17:02
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 26 19:02:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 26 18:50:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	165649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	270593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	241208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	115404	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	3758	1.54	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	3.08%	
35) Dibromofluoromethane	5.46	113	2964	1.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.00%	
50) Toluene-d8	8.70	98	10160	1.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.78%	
62) 4-Bromofluorobenzene	11.12	95	3288	1.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.68%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	1172	0.905	ug/l 100
3) Chloromethane	1.31	50	1464	1.034	ug/l 92
4) Vinyl Chloride	1.39	62	1680	0.948	ug/l 100
5) Bromomethane	1.64	94	1802	1.240	ug/l 98
6) Chloroethane	1.72	64	1126	0.939	ug/l 94
7) Trichlorofluoromethane	1.92	101	2724	0.904	ug/l 97
8) Diethyl Ether	2.17	74	1133	0.947	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1454	0.960	ug/l 98
10) Methyl Iodide	2.49	142	1190	0.778	ug/l 98
11) Tert butyl alcohol	3.01	59	2124	5.245	ug/l # 89
12) 1,1-Dichloroethene	2.36	96	1445	0.951	ug/l 95
13) Acrolein	2.28	56	1245	6.105	ug/l # 83
14) Allyl chloride	2.70	41	1987	1.011	ug/l 94
15) Acrylonitrile	3.12	53	3490	4.427	ug/l 99
16) Acetone	2.42	43	3422	5.323	ug/l 97
17) Carbon Disulfide	2.55	76	4020	0.958	ug/l 100
18) Methyl Acetate	2.75	43	1732	1.092	ug/l 89
19) Methyl tert-butyl Ether	3.16	73	4687	0.902	ug/l 98
20) Methylene Chloride	2.83	84	2080	1.102	ug/l 97
21) trans-1,2-Dichloroethene	3.14	96	1810	1.006	ug/l # 81
22) Diisopropyl ether	3.82	45	3712	0.892	ug/l # 75
23) Vinyl Acetate	3.78	43	15475	4.285	ug/l 97
24) 1,1-Dichloroethane	3.67	63	2408	0.874	ug/l 99
25) 2-Butanone	4.65	43	4895	4.851	ug/l 95
26) 2,2-Dichloropropane	4.55	77	2384	0.914	ug/l 93
27) cis-1,2-Dichloroethene	4.56	96	1852	0.921	ug/l 98
28) Bromochloromethane	4.98	49	1104	0.931	ug/l # 91
29) Tetrahydrofuran	5.09	42	2901	4.576	ug/l 92
30) Chloroform	5.17	83	2810	0.916	ug/l 99
31) Cyclohexane	5.55	56	2284	0.944	ug/l 90
32) 1,1,1-Trichloroethane	5.46	97	2397	0.888	ug/l # 48
36) 1,1-Dichloropropene	5.77	75	2175	0.935	ug/l 97
37) Ethyl Acetate	4.79	43	2079	1.025	ug/l # 88
38) Carbon Tetrachloride	5.74	117	2228	0.948	ug/l 90

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Instrument :
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 VSTDIC001

Quant Time: Oct 26 19:02:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 26 18:50:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	2540	0.898	ug/l	94
40) Benzene	6.10	78	6350	0.928	ug/l	94
41) Methacrylonitrile	5.01	41	989	0.961	ug/l #	91
42) 1,2-Dichloroethane	6.16	62	2067	0.897	ug/l	93
43) Isopropyl Acetate	6.41	43	3095	0.946	ug/l #	96
44) Trichloroethene	7.19	130	1839	0.941	ug/l	96
45) 1,2-Dichloropropane	7.48	63	1414	0.892	ug/l	96
46) Dibromomethane	7.63	93	1065	0.890	ug/l	93
47) Bromodichloromethane	7.87	83	1996	0.872	ug/l	91
48) Methyl methacrylate	7.75	41	1388	0.914	ug/l	90
49) 1,4-Dioxane	7.73	88	639	15.816	ug/l #	81
51) 4-Methyl-2-Pentanone	8.62	43	8162	4.321	ug/l	99
52) Toluene	8.76	92	3919	0.898	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	2190	0.875	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	2292	0.851	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	1540	0.887	ug/l	89
56) Ethyl methacrylate	9.16	69	2043	0.841	ug/l #	86
57) 1,3-Dichloropropane	9.35	76	2580	0.902	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	6821	5.027	ug/l	97
59) 2-Hexanone	9.48	43	6179	4.346	ug/l	94
60) Dibromochloromethane	9.56	129	1404	0.795	ug/l	93
61) 1,2-Dibromoethane	9.65	107	1613	0.885	ug/l	96
64) Tetrachloroethene	9.32	164	1897	1.021	ug/l	91
65) Chlorobenzene	10.12	112	4249	0.912	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	1410	0.858	ug/l #	63
67) Ethyl Benzene	10.23	91	7423	0.906	ug/l	98
68) m/p-Xylenes	10.34	106	5480	1.754	ug/l	96
69) o-Xylene	10.68	106	2591	0.871	ug/l	97
70) Styrene	10.70	104	4111	0.843	ug/l	97
71) Bromoform	10.84	173	1002	0.821	ug/l #	94
73) Isopropylbenzene	11.00	105	7137	0.930	ug/l	95
74) N-amyl acetate	10.88	43	2036	0.867	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	2211	0.925	ug/l	94
76) 1,2,3-Trichloropropane	11.28	75	2385	0.941	ug/l	92
77) Bromobenzene	11.24	156	1796	0.949	ug/l	89
78) n-propylbenzene	11.34	91	7882	0.921	ug/l	98
79) 2-Chlorotoluene	11.40	91	4846	0.963	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	5564	0.898	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	609	0.847	ug/l #	84
82) 4-Chlorotoluene	11.49	91	5449	0.921	ug/l	99
83) tert-Butylbenzene	11.76	119	5493	0.900	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	5600	0.891	ug/l	99
85) sec-Butylbenzene	11.93	105	6412	0.875	ug/l	99
86) p-Isopropyltoluene	12.05	119	5768	0.864	ug/l	89
87) 1,3-Dichlorobenzene	12.01	146	3396	0.967	ug/l	97
88) 1,4-Dichlorobenzene	12.01	146	3396	0.940	ug/l	98
89) n-Butylbenzene	12.37	91	5553	0.908	ug/l	100
90) Hexachloroethane	12.58	117	920	0.860	ug/l	87
91) 1,2-Dichlorobenzene	12.37	146	3285	0.948	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	422	0.837	ug/l	96

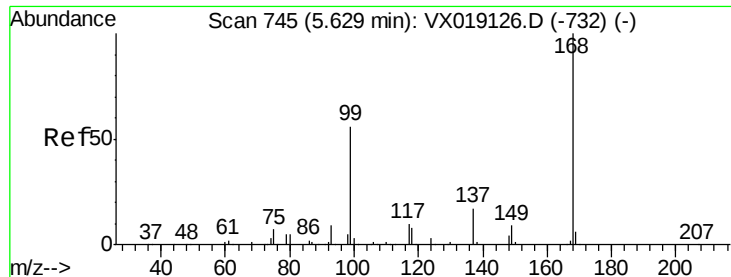
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102620\
Data File : VX019123.D
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VSTDICC001

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Quant Title : SW846 8260
QLast Update : Mon Oct 26 18:50:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	2256	0.954	ug/l	97
94) Hexachlorobutadiene	13.76	225	1025	0.959	ug/l	89
95) Naphthalene	13.82	128	6543	0.886	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	2239	0.962	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

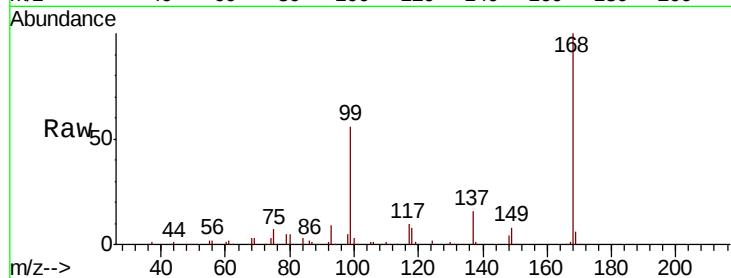
VSTDIC001

Tot Ion:168 Resp: 165649

Ion Ratio Lower Upper

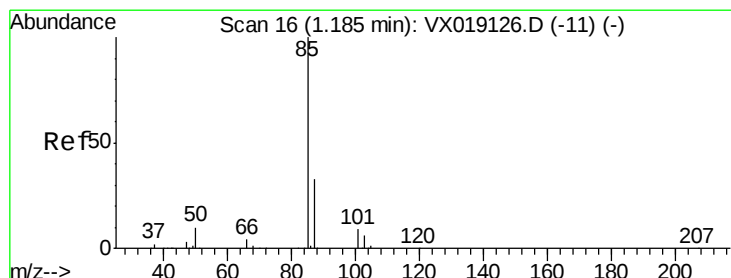
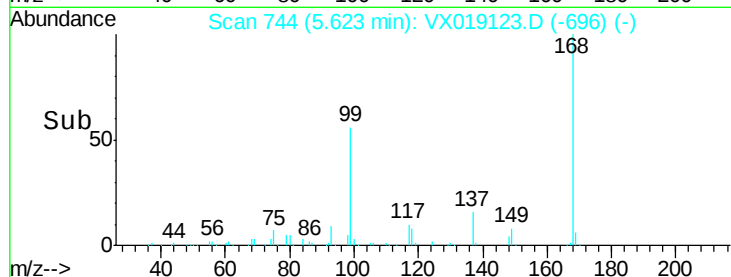
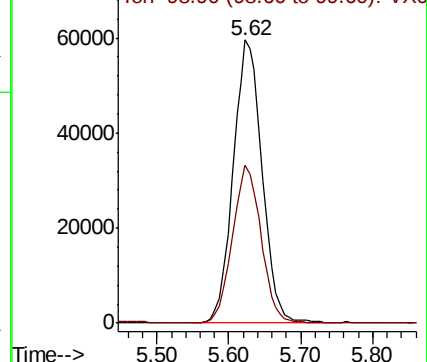
168 100

99 55.9 44.4 66.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.905 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019123.D

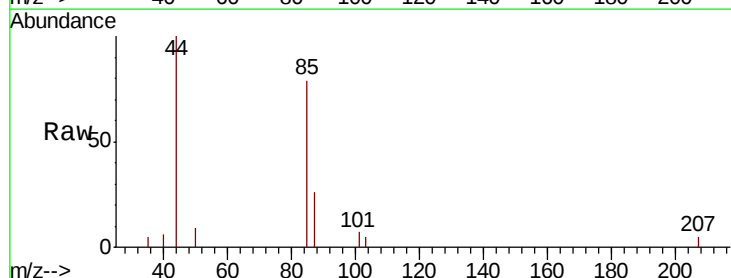
Acq: 26 Oct 2020 17:02

Tgt Ion: 85 Resp: 1172

Ion Ratio Lower Upper

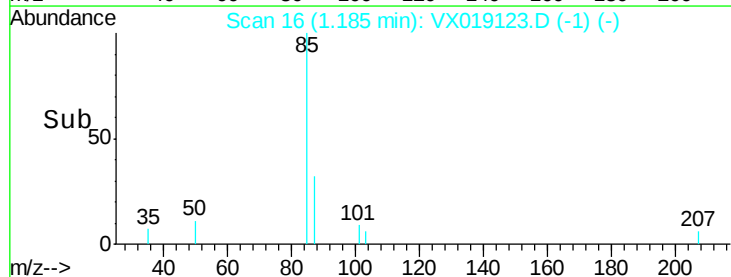
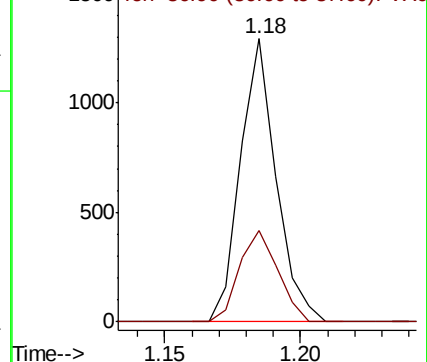
85 100

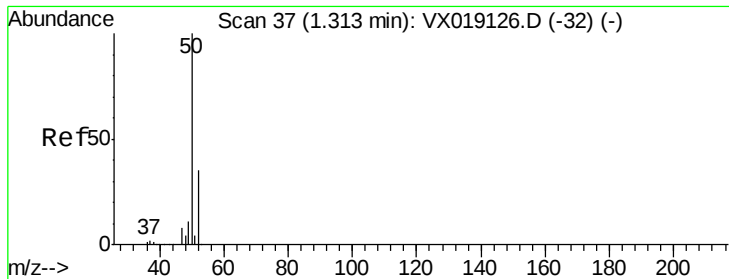
87 32.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.034 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampled :

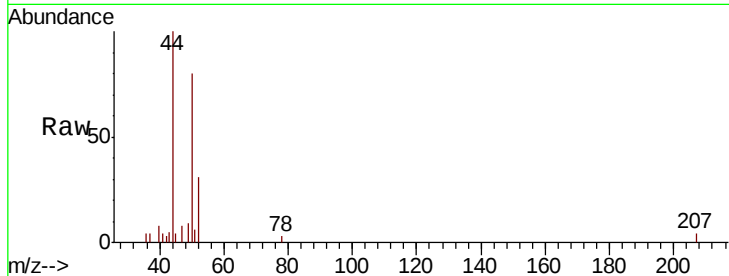
VSTDIC001

Tot Ion: 50 Resp: 1464

Ion Ratio Lower Upper

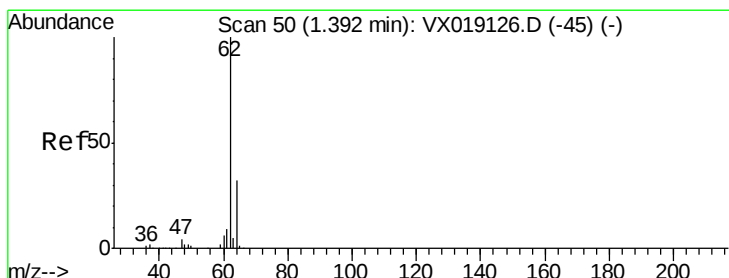
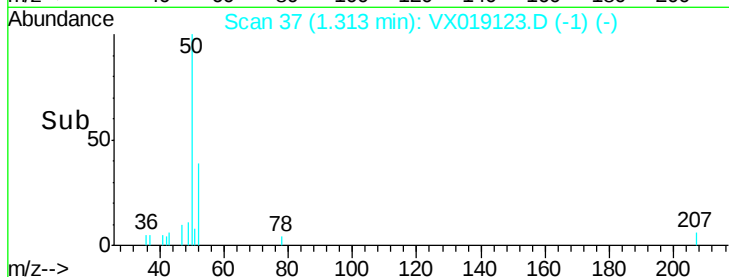
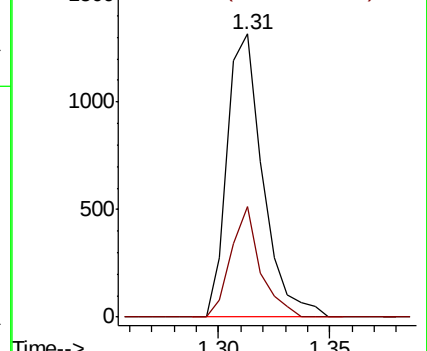
50 100

52 39.2 27.7 41.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.948 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019123.D

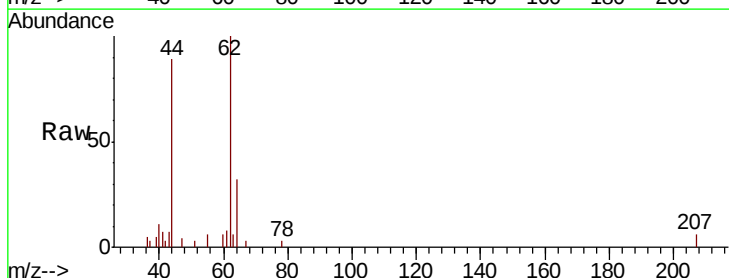
Acq: 26 Oct 2020 17:02

Tgt Ion: 62 Resp: 1680

Ion Ratio Lower Upper

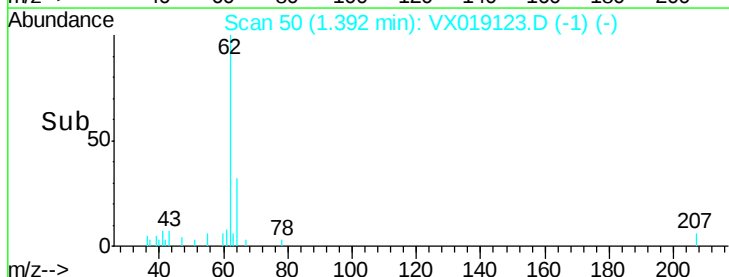
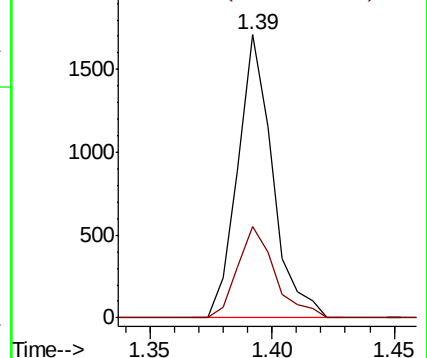
62 100

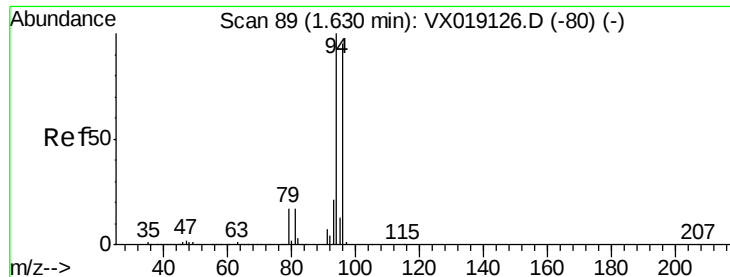
64 32.3 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.240 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

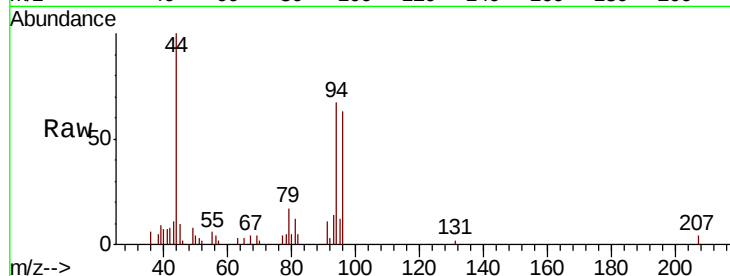
VSTDIC001

Tot Ion: 94 Resp: 1802

Ion Ratio Lower Upper

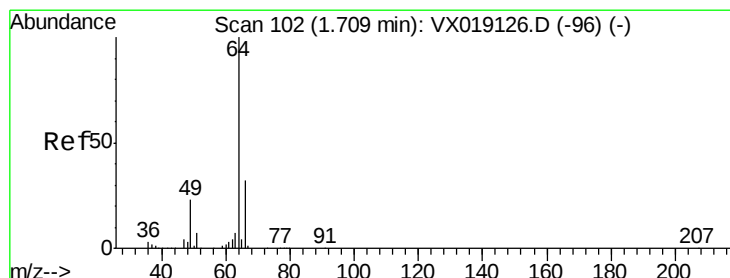
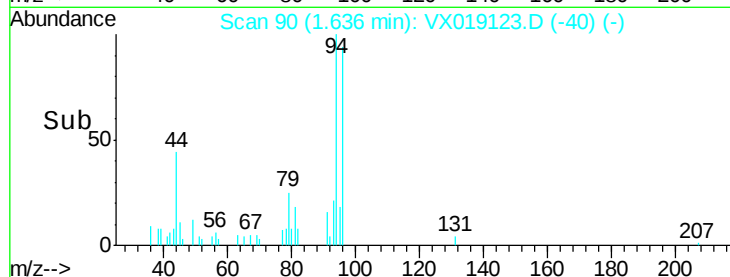
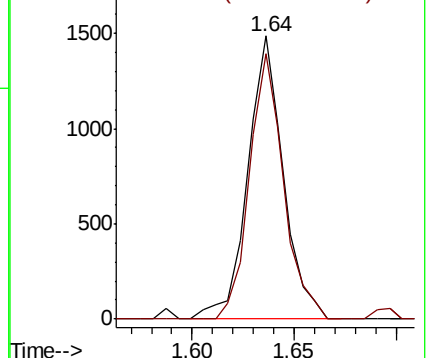
94 100

96 93.6 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.939 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019123.D

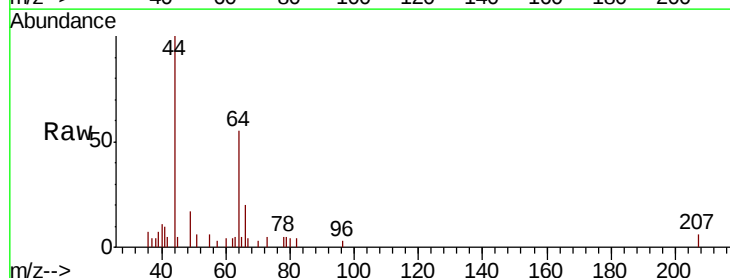
Acq: 26 Oct 2020 17:02

Tgt Ion: 64 Resp: 1126

Ion Ratio Lower Upper

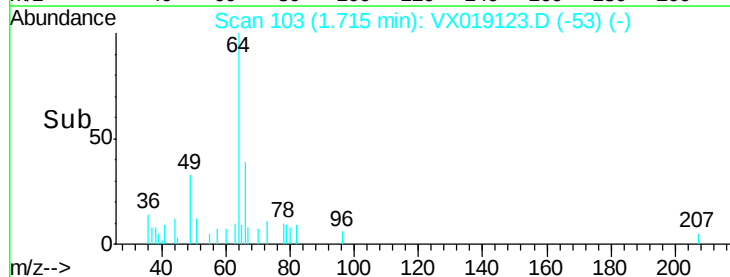
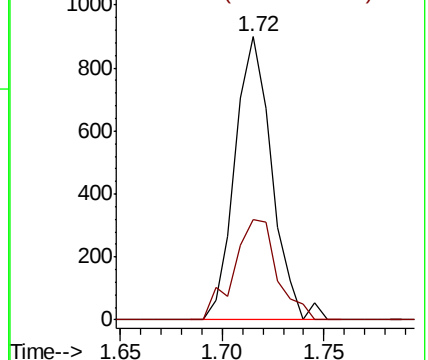
64 100

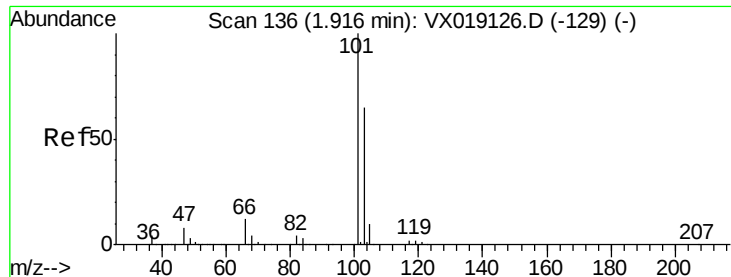
66 35.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



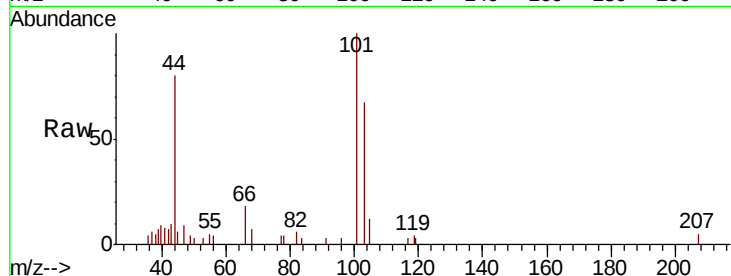


#7

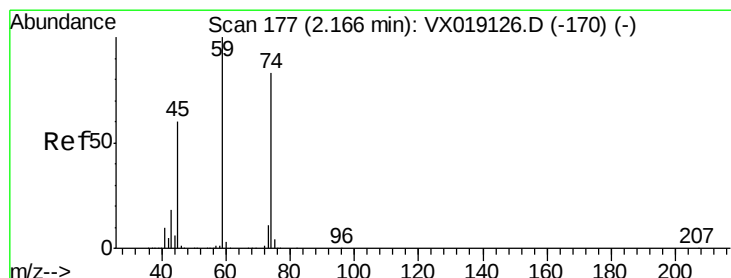
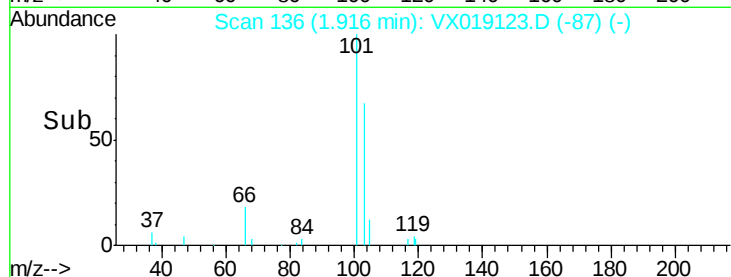
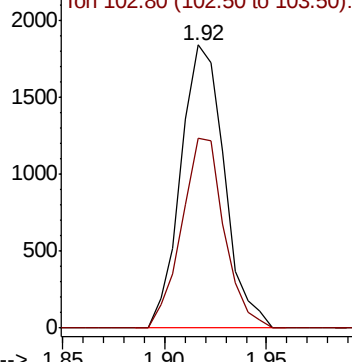
Trichlorofluoromethane
Concen: 0.904 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:101 Resp: 2724
Ion Ratio Lower Upper
101 100
103 67.1 51.8 77.6



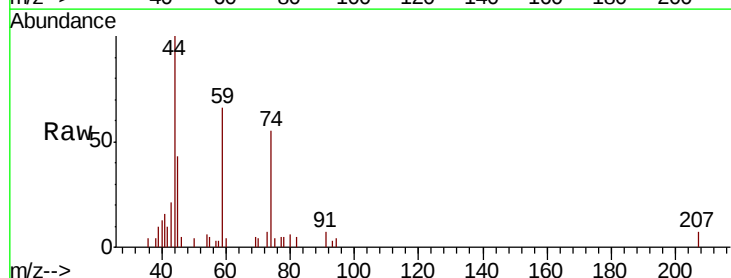
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



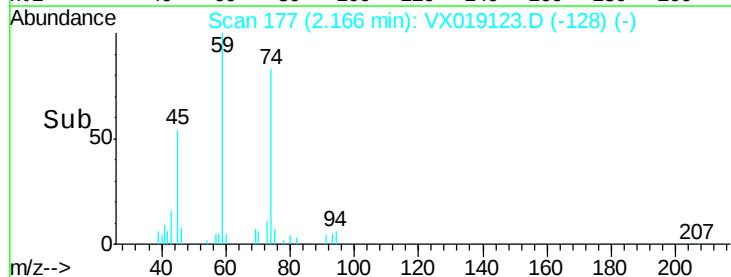
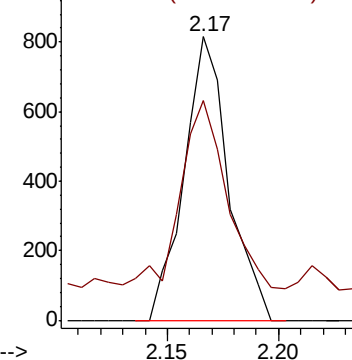
#8

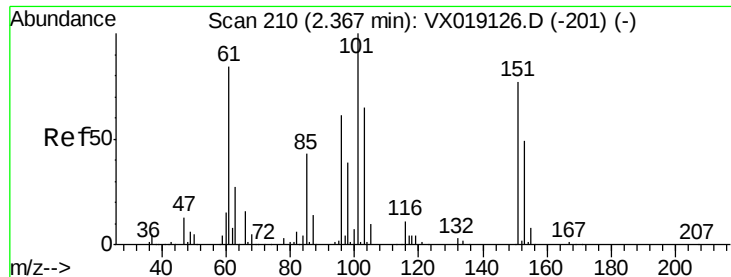
Diethyl Ether
Concen: 0.947 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Tgt Ion: 74 Resp: 1133
Ion Ratio Lower Upper
74 100
45 69.8 36.1 108.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.960 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

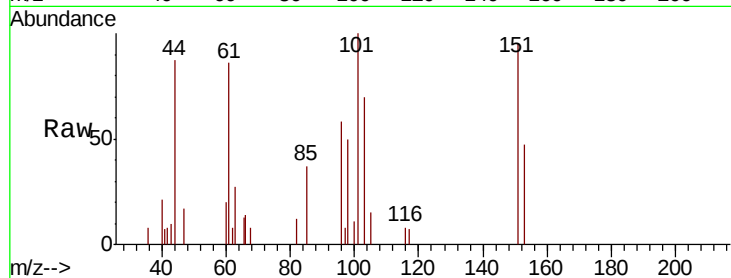
Tot Ion:101 Resp: 1454

Ion Ratio Lower Upper

101 100

85 44.6 34.7 52.1

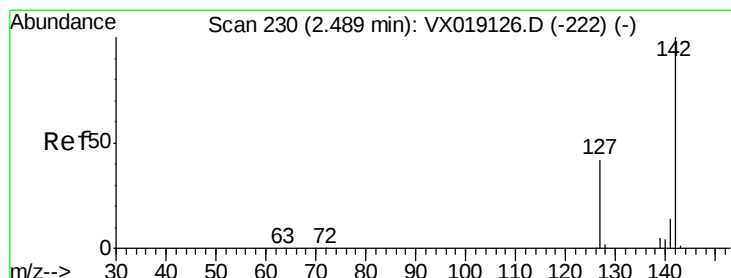
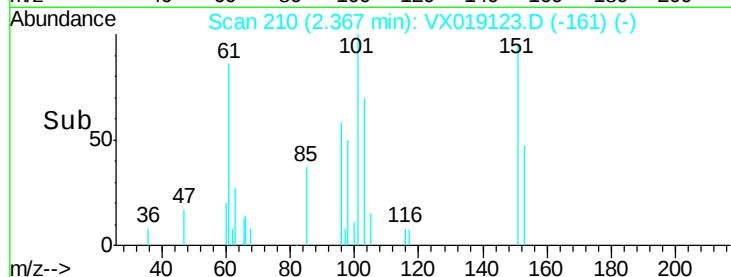
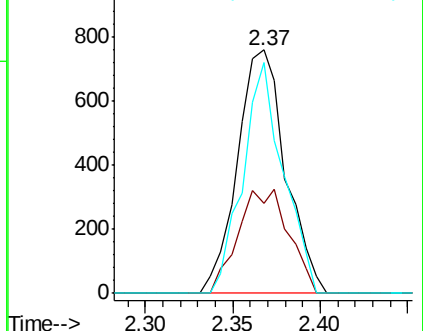
151 79.2 61.7 92.5



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: 0.778 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

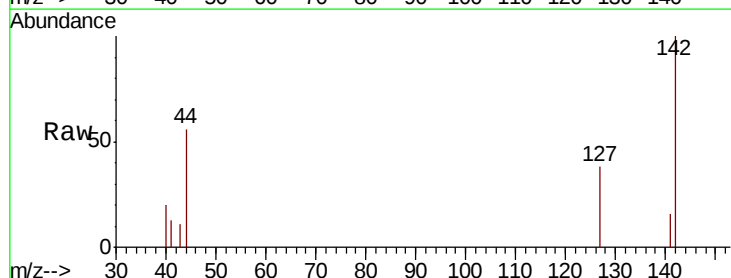
Tgt Ion:142 Resp: 1190

Ion Ratio Lower Upper

142 100

127 40.6 33.1 49.7

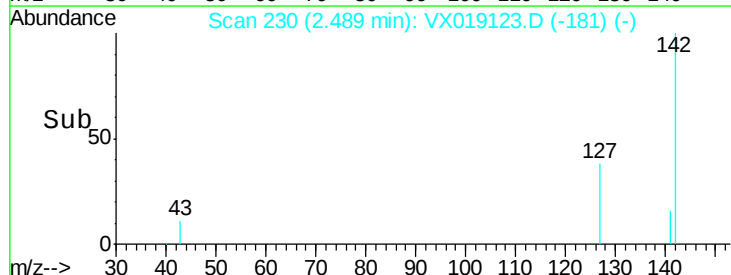
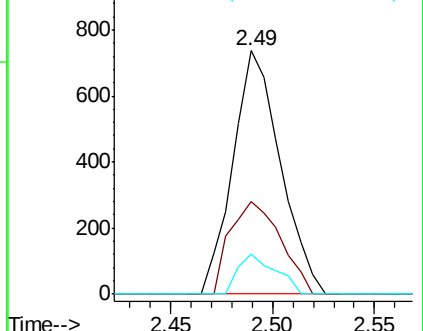
141 12.6 11.4 17.0

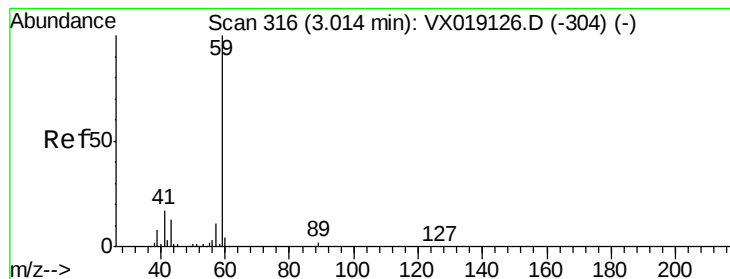


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 5.245 ug/l

RT: 3.01 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

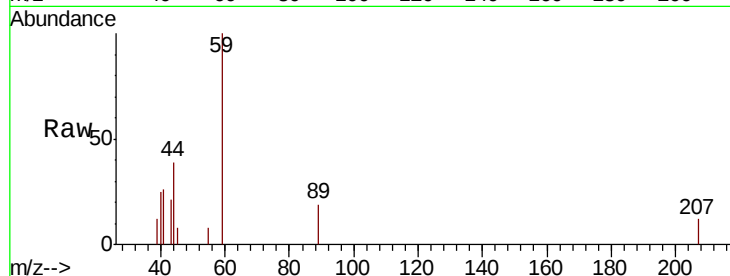
VSTDIC001

Tot Ion: 59 Resp: 2124

Ion Ratio Lower Upper

59 100

57 6.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

800

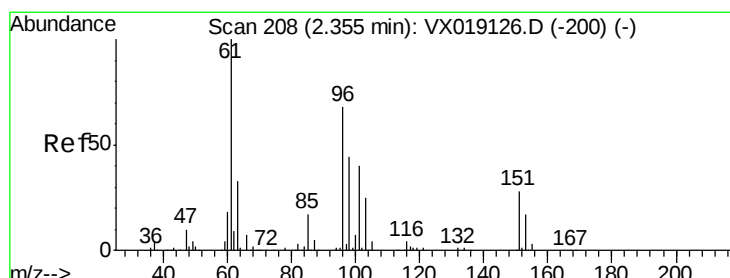
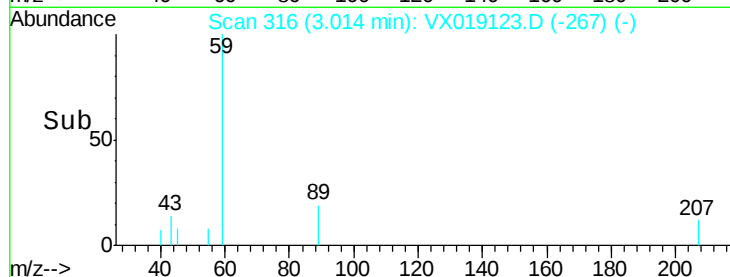
600

400

200

0

Time--> 2.90 2.95 3.00 3.05 3.10



#12

1,1-Dichloroethene

Concen: 0.951 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

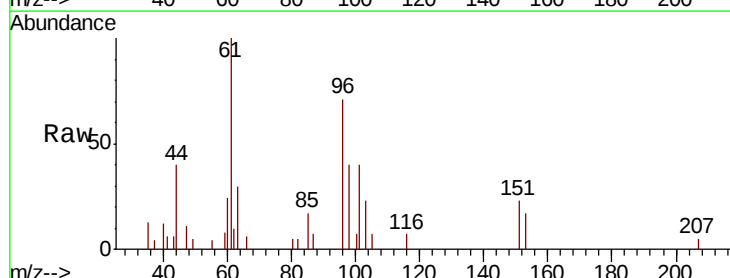
Tgt Ion: 96 Resp: 1445

Ion Ratio Lower Upper

96 100

61 141.8 117.0 175.4

98 56.6 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

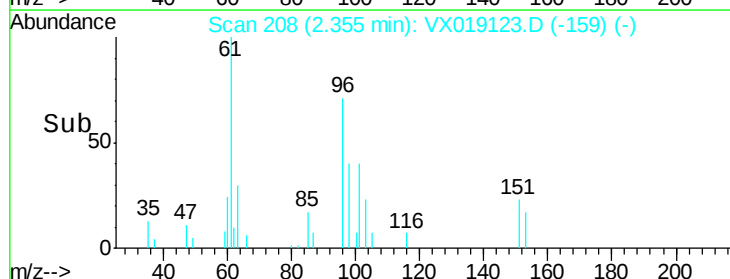
1500

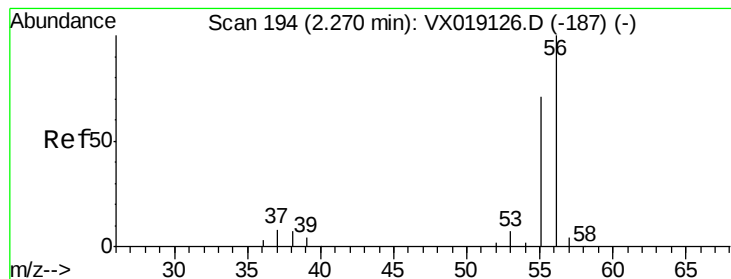
1000

500

0

Time--> 2.30 2.35 2.40





#13

Acrolein

Concen: 6.105 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampled :

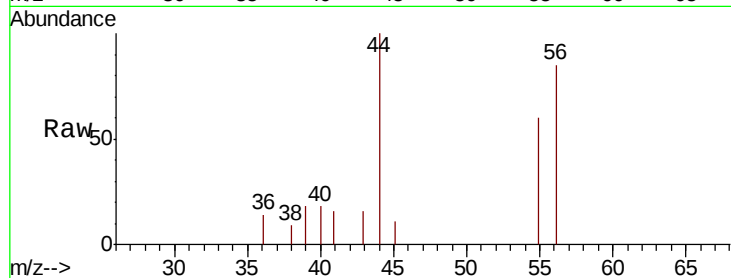
VSTDIC001

Tot Ion: 56 Resp: 1245

Ion Ratio Lower Upper

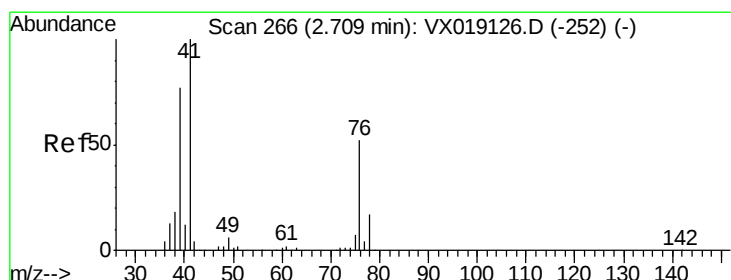
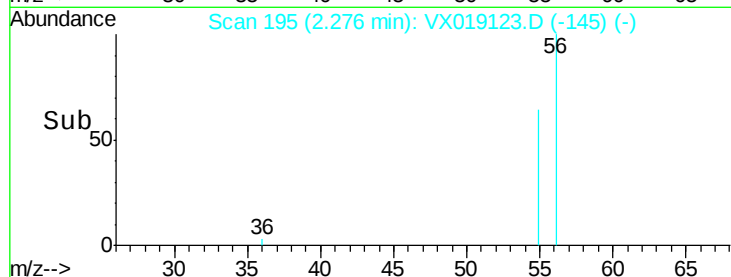
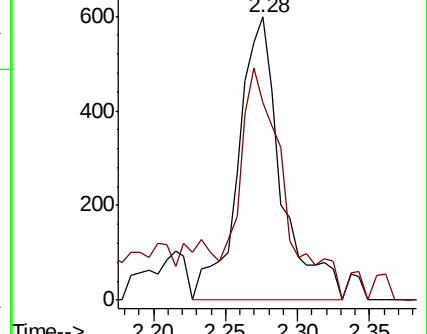
56 100

55 83.9 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 1.011 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

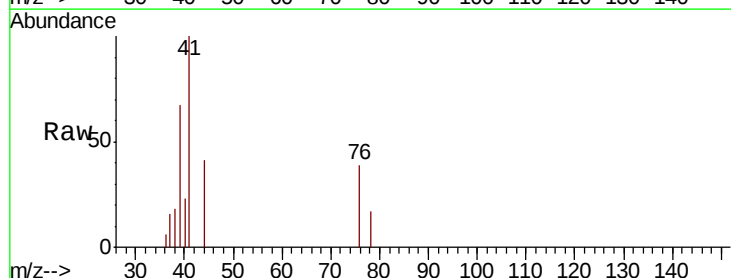
Tgt Ion: 41 Resp: 1987

Ion Ratio Lower Upper

41 100

39 67.8 57.0 85.4

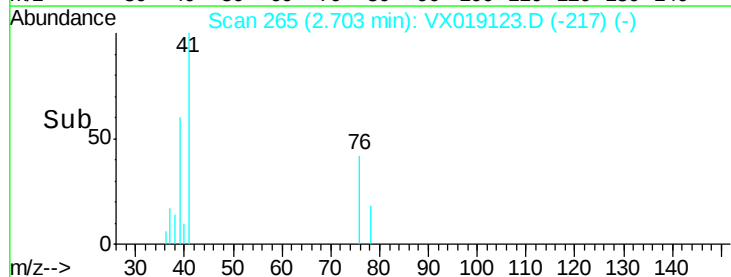
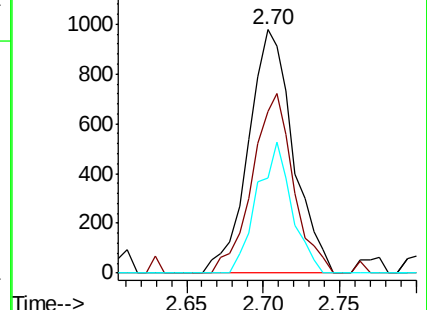
76 41.7 37.6 56.4

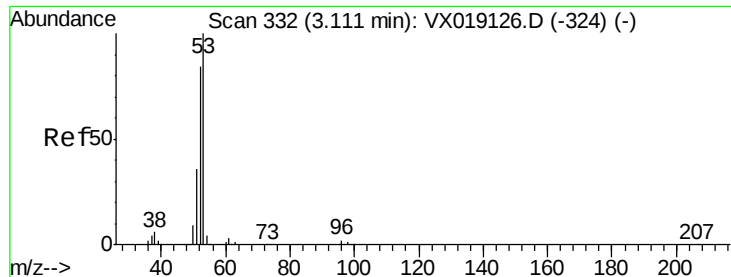


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 4.427 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

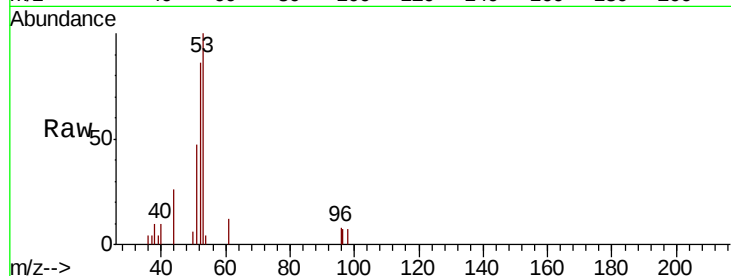
MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 53 Resp: 3490

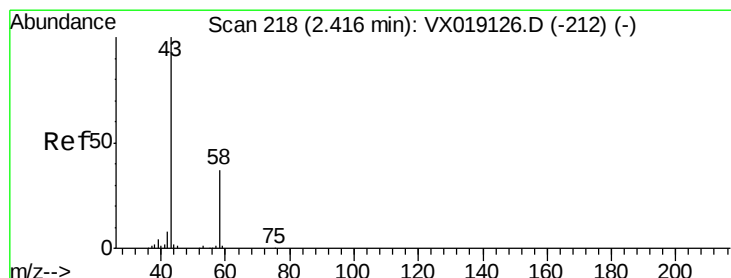
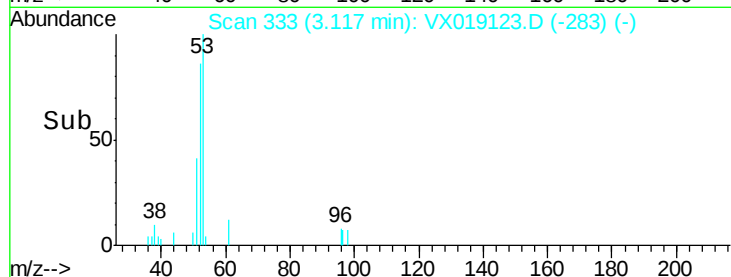
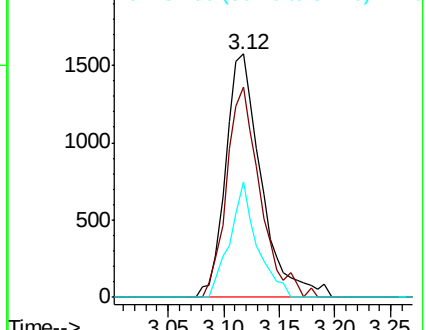
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.8	98.8
51	36.1	28.5	42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 5.323 ug/l

RT: 2.42 min Scan# 219

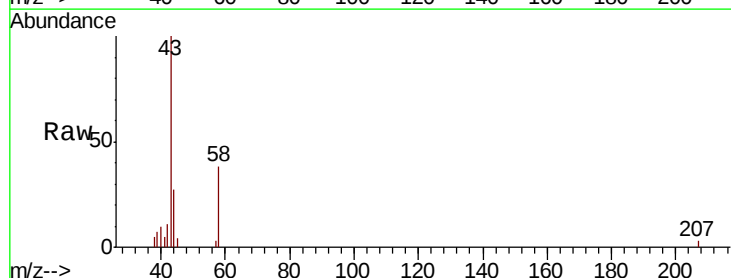
Delta R.T. 0.01 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

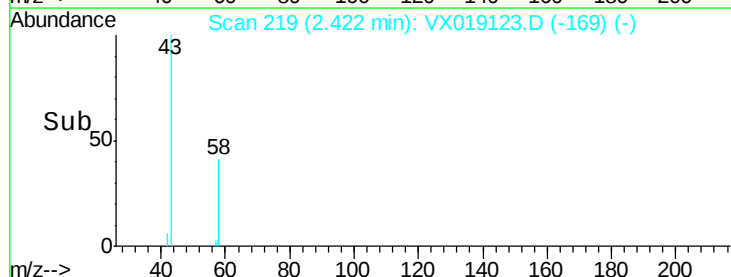
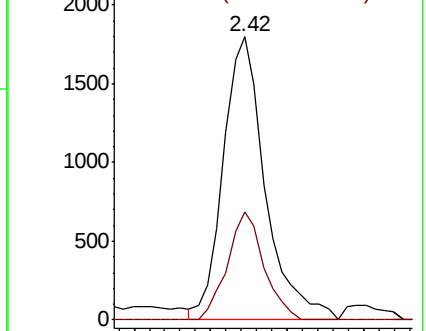
Tgt Ion: 43 Resp: 3422

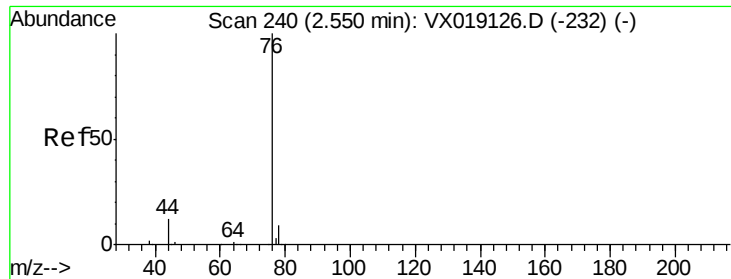
Ion	Ratio	Lower	Upper
43	100		
58	38.3	29.4	44.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

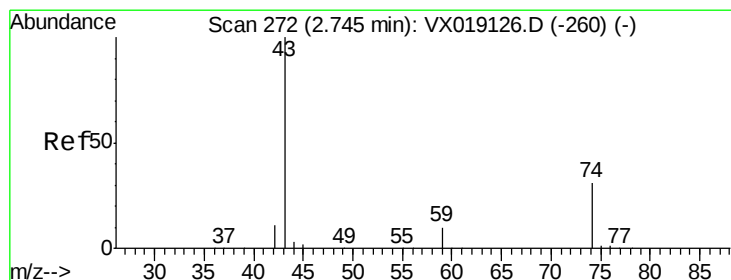
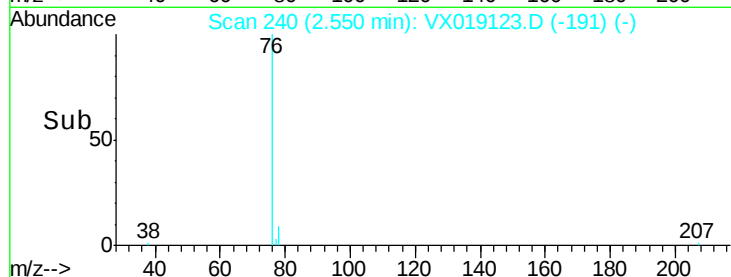
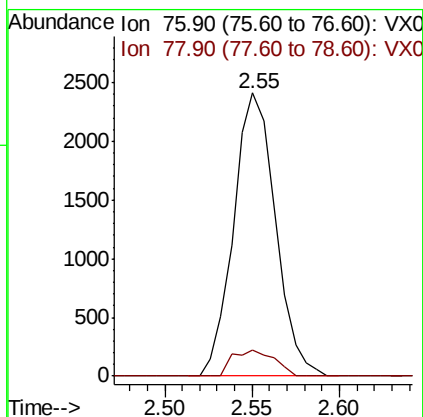
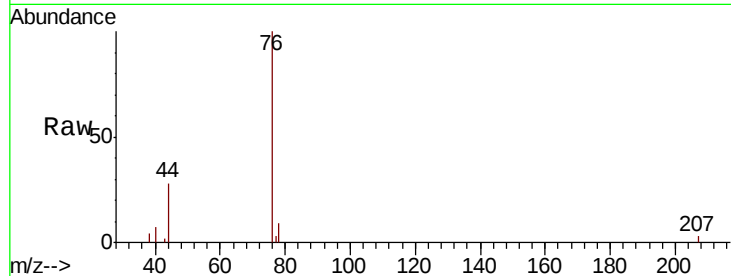




#17
Carbon Disulfide
Concen: 0.958 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

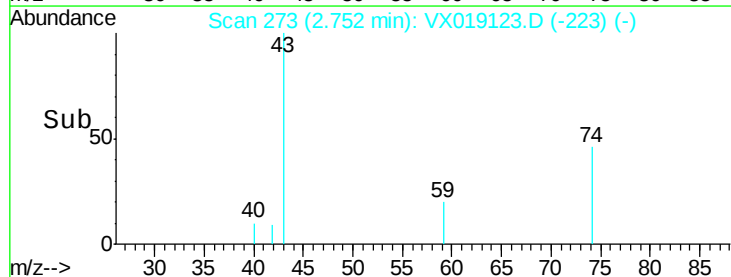
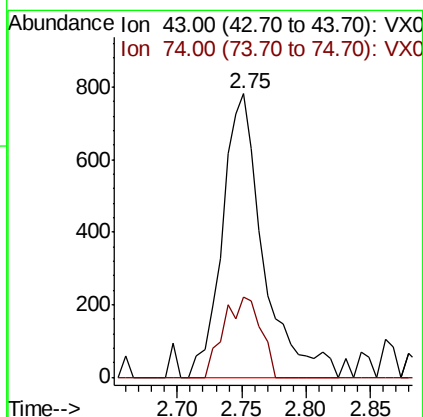
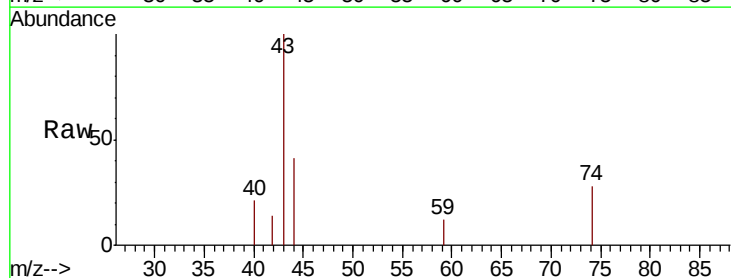
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

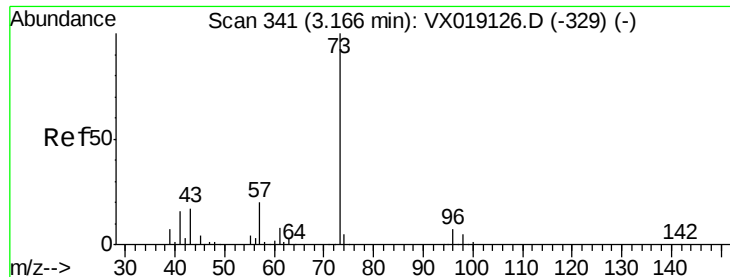
Tot Ion: 76 Resp: 4020
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 1.092 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Tgt Ion: 43 Resp: 1732
Ion Ratio Lower Upper
43 100
74 25.6 25.3 37.9

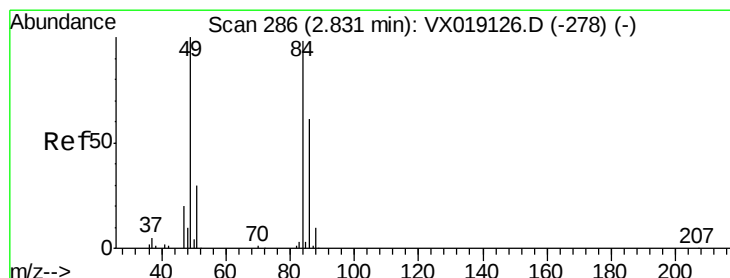
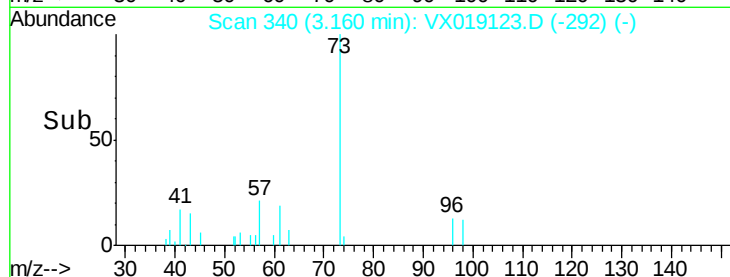
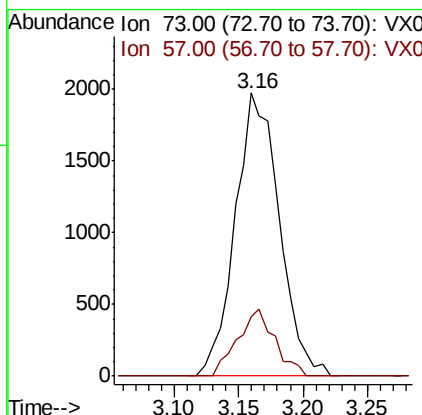
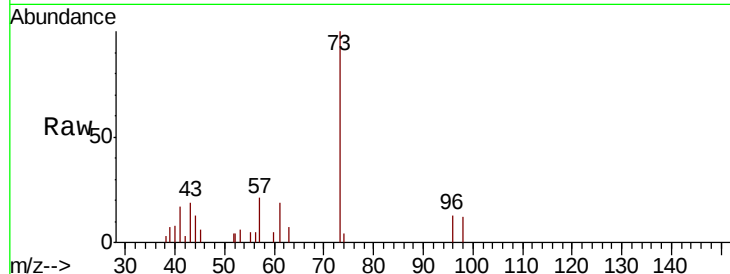




#19
Methyl tert-butyl Ether
Concen: 0.902 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

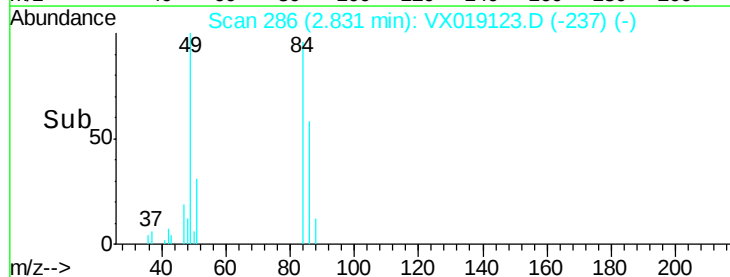
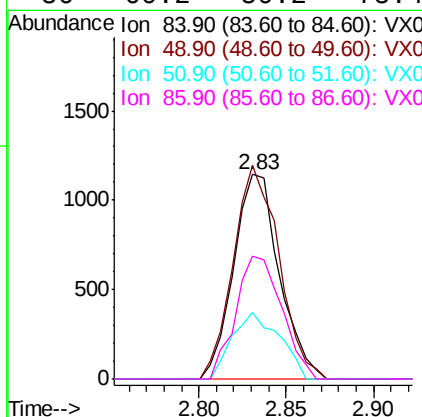
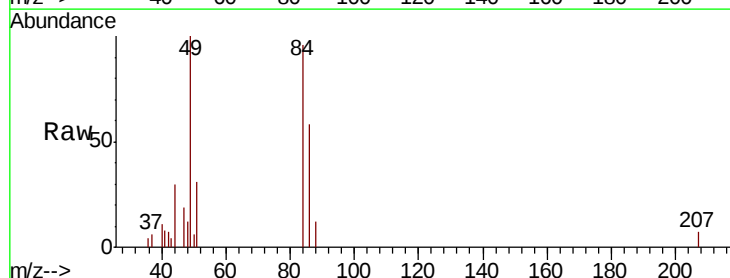
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

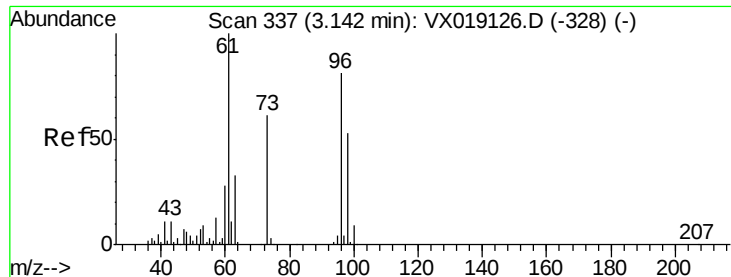
Tot Ion: 73 Resp: 4687
Ion Ratio Lower Upper
73 100
57 21.1 16.2 24.2



#20
Methylene Chloride
Concen: 1.102 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Tgt Ion: 84 Resp: 2080
Ion Ratio Lower Upper
84 100
49 104.5 82.0 123.0
51 32.8 24.2 36.4
86 60.2 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 1.006 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

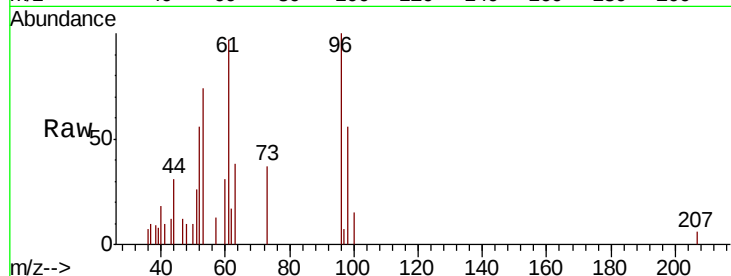
Tot Ion: 96 Resp: 1810

Ion Ratio Lower Upper

96 100

61 97.2 98.8 148.2#

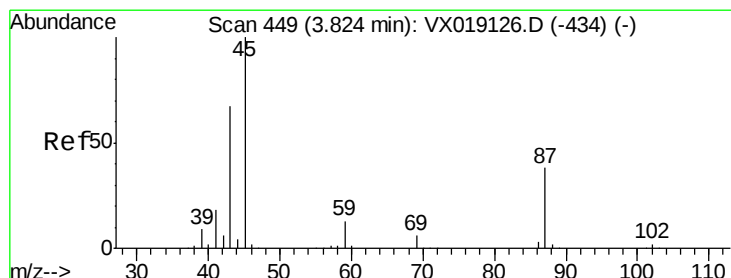
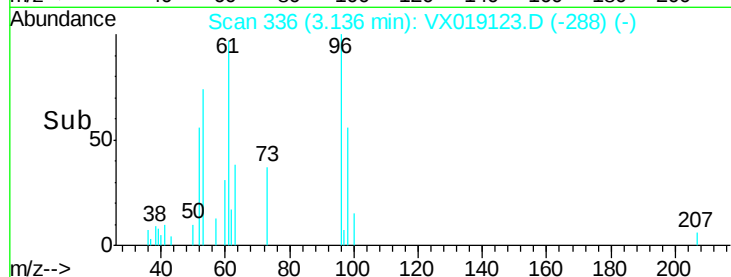
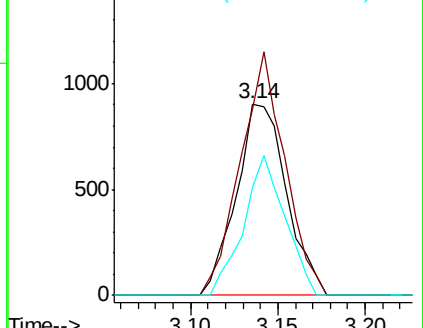
98 56.3 52.6 79.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 0.892 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Tgt Ion: 45 Resp: 3712

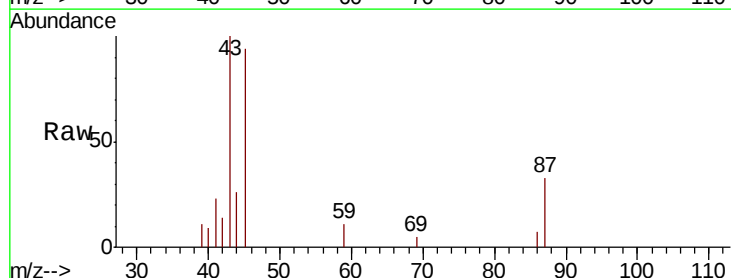
Ion Ratio Lower Upper

45 100

43 100.5 54.4 81.6#

87 35.4 30.2 45.2

59 11.4 10.8 16.2

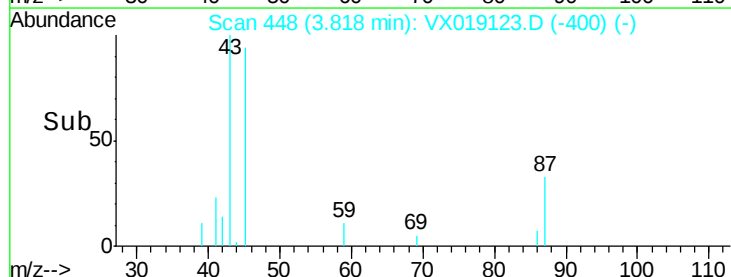
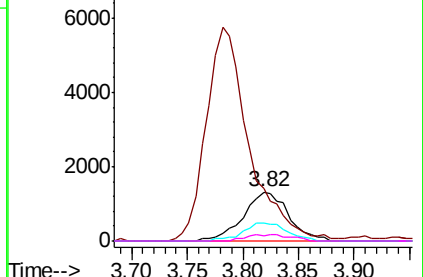


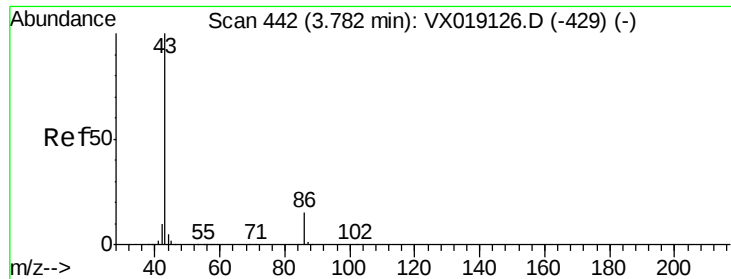
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 4.285 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

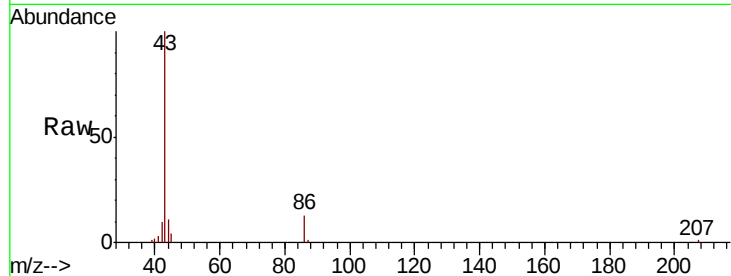
VSTDIC001

Tot Ion: 43 Resp: 15475

Ion Ratio Lower Upper

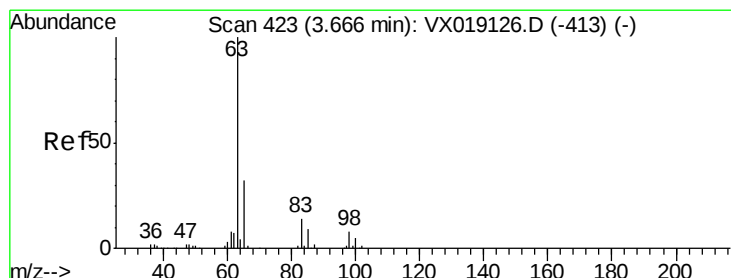
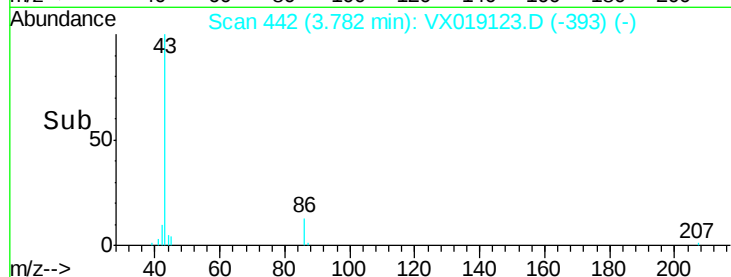
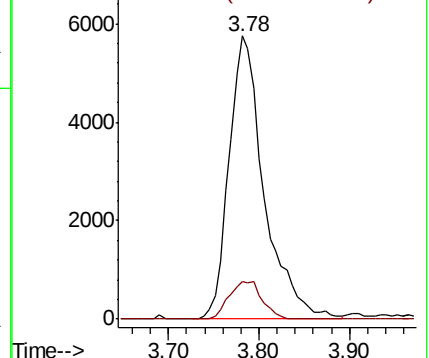
43 100

86 13.5 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.874 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

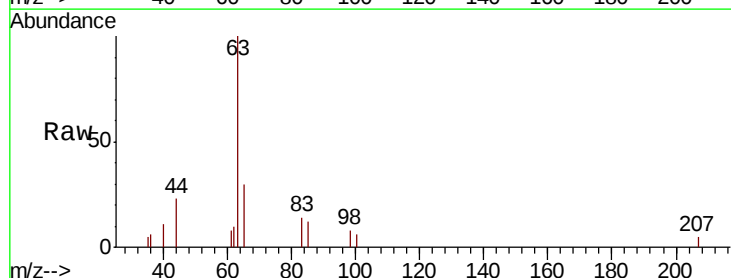
Tgt Ion: 63 Resp: 2408

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

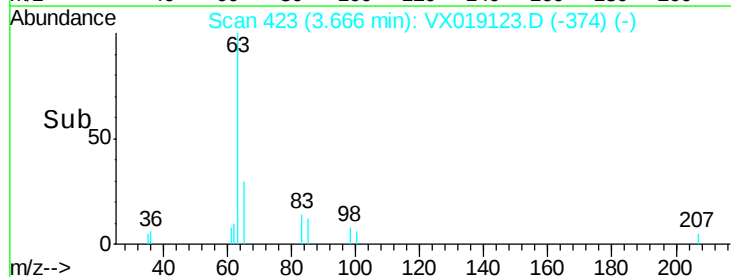
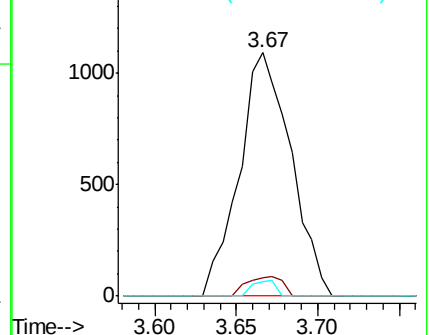
100 5.9 2.5 7.4

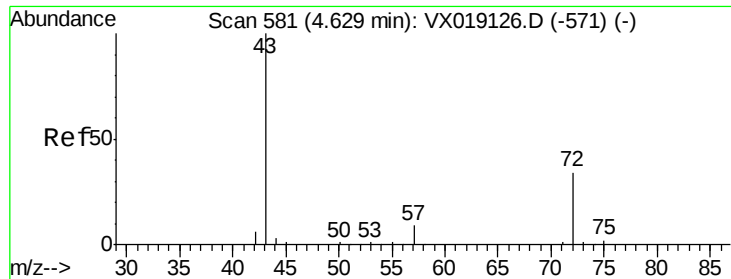


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 4.851 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.02 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

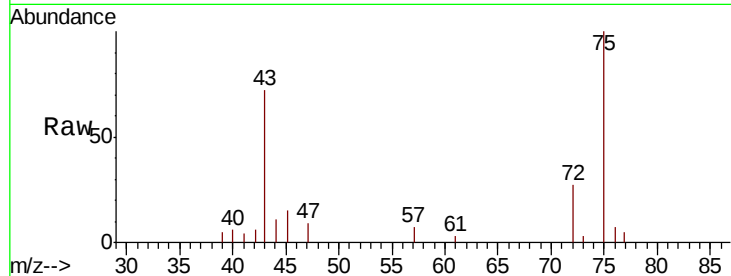
VSTDIC001

Tot Ion: 43 Resp: 4895

Ion Ratio Lower Upper

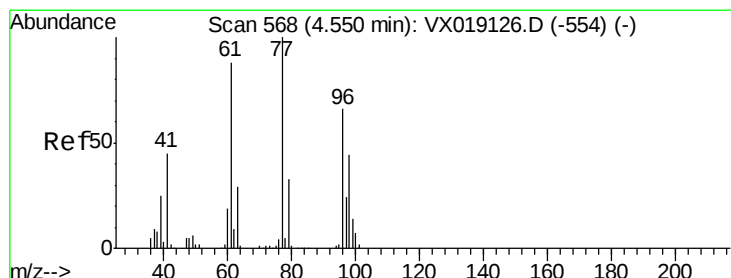
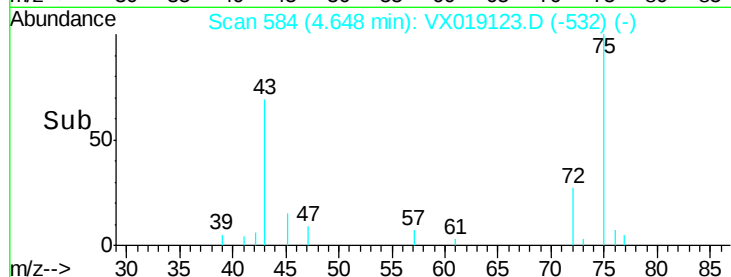
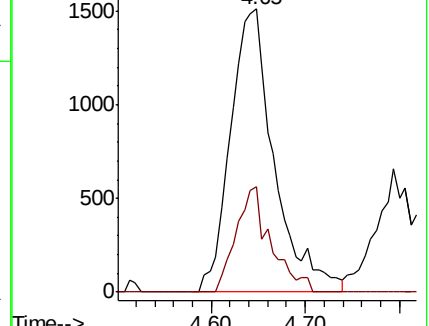
43 100

72 37.2 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 0.914 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019123.D

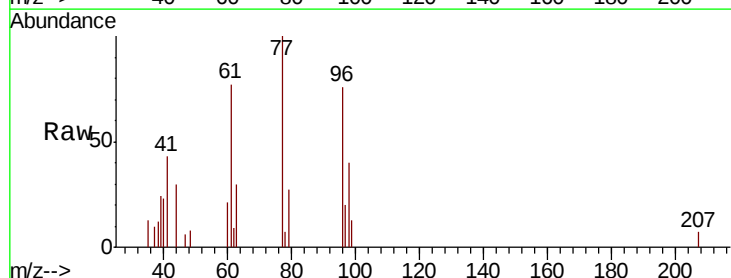
Acq: 26 Oct 2020 17:02

Tgt Ion: 77 Resp: 2384

Ion Ratio Lower Upper

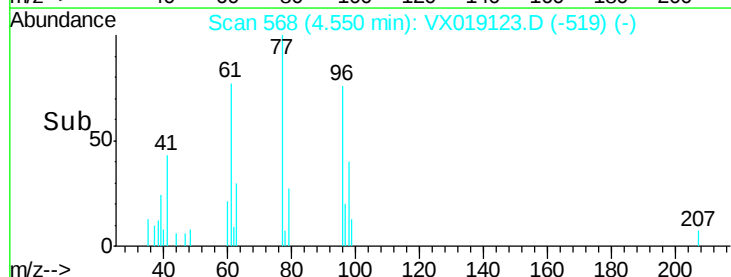
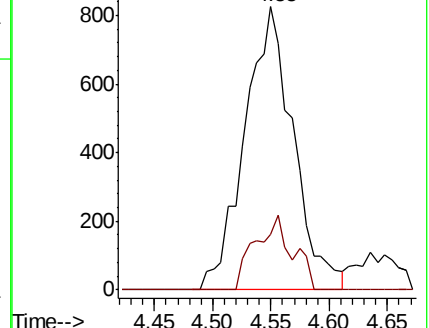
77 100

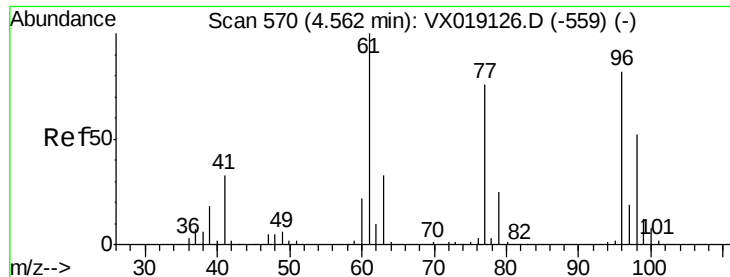
97 20.2 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



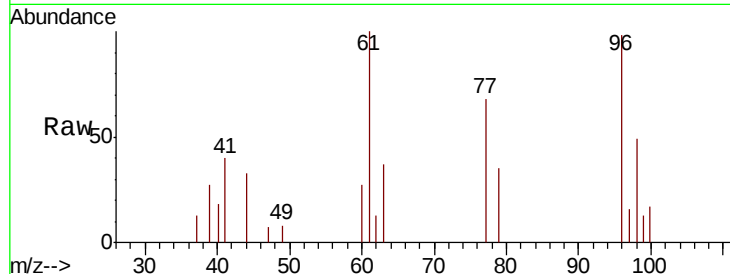


#27

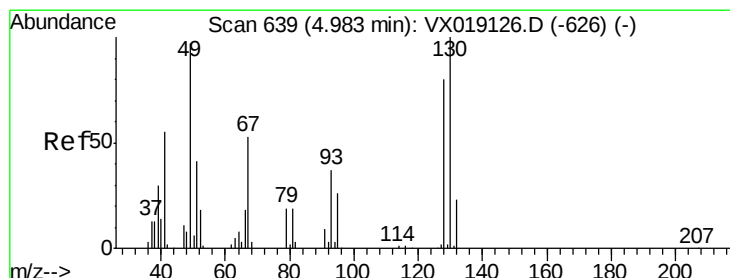
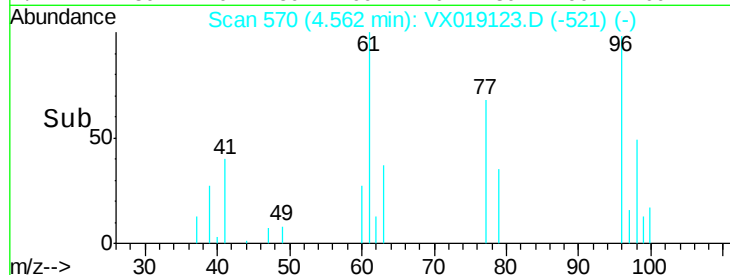
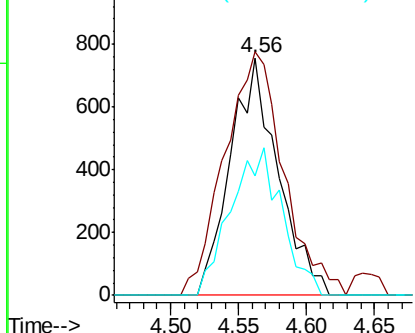
cis-1,2-Dichloroethene
Concen: 0.921 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 96 Resp: 1852
Ion Ratio Lower Upper
96 100
61 126.9 0.0 260.0
98 66.4 0.0 131.6



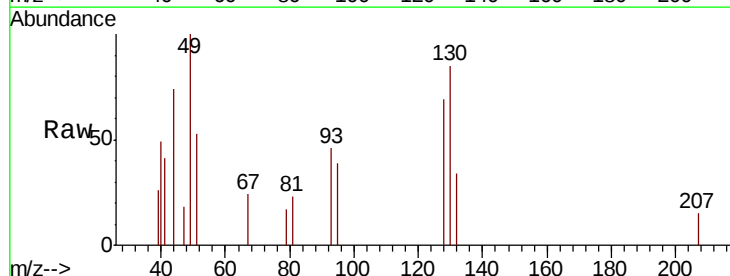
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



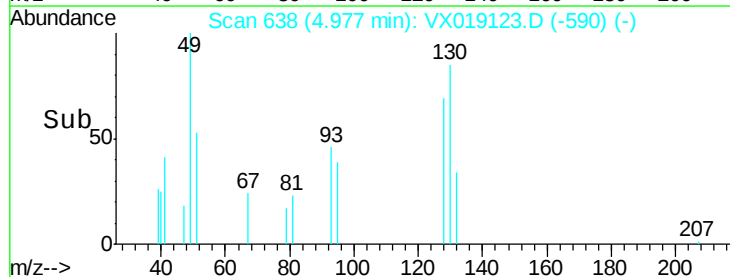
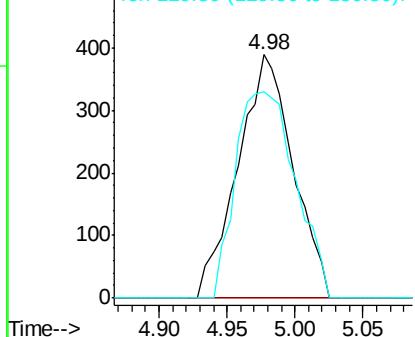
#28

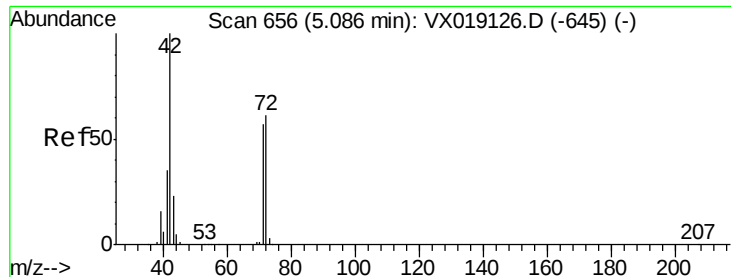
Bromochloromethane
Concen: 0.931 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Tgt Ion: 49 Resp: 1104
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.2
130 91.9 81.1 121.7



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

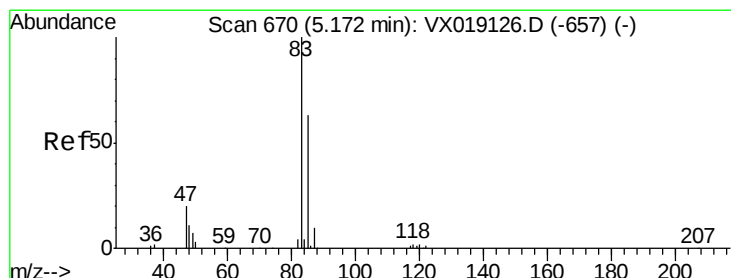
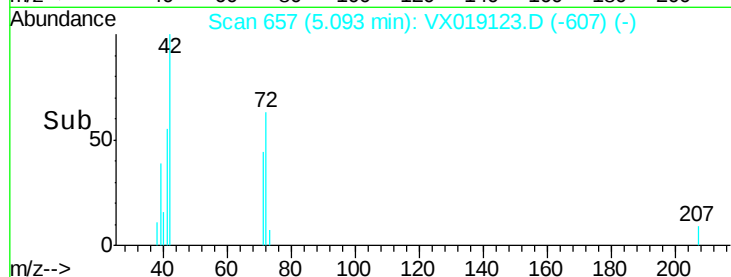
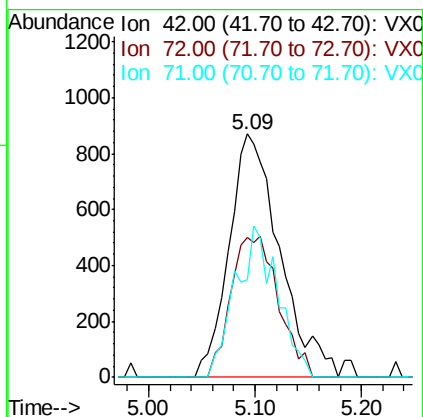
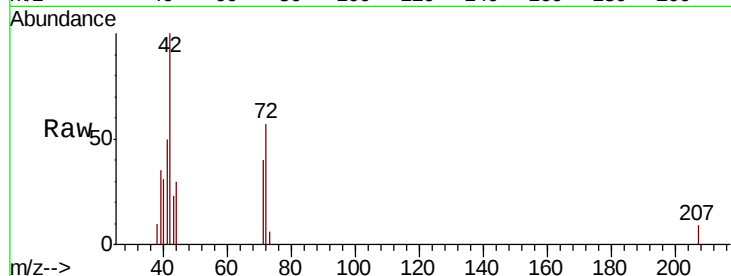




#29
Tetrahydrofuran
Concen: 4.576 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

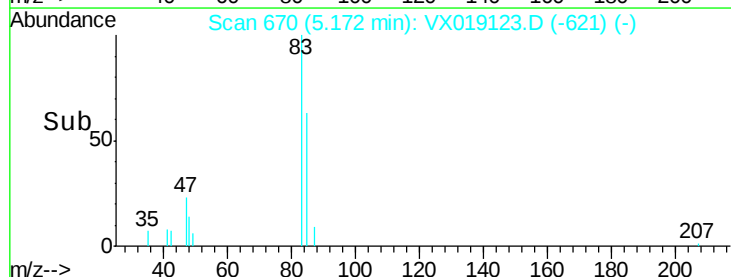
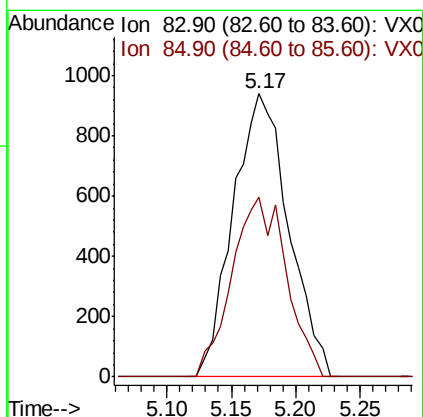
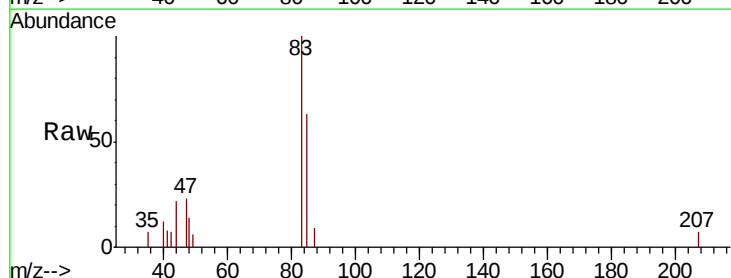
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

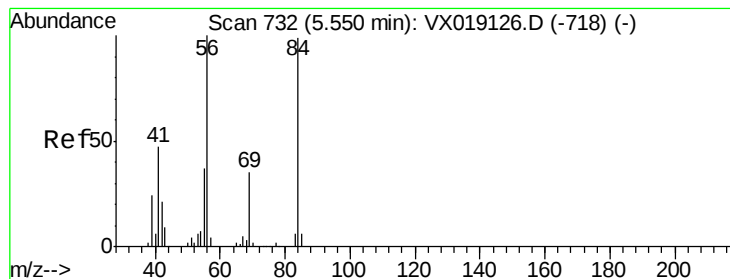
Tot Ion	Ratio	Lower	Upper
42	100		
72	54.5	49.0	73.6
71	51.6	44.9	67.3



#30
Chloroform
Concen: 0.916 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.3	75.5





#31

Cyclohexane

Concen: 0.944 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

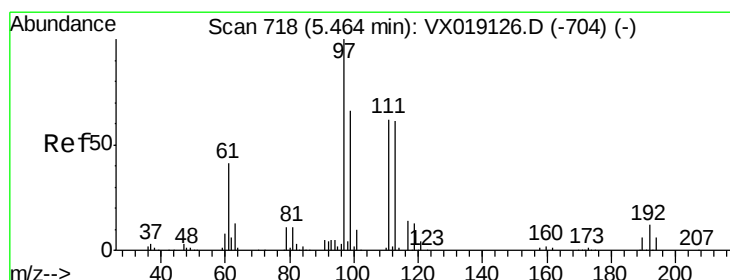
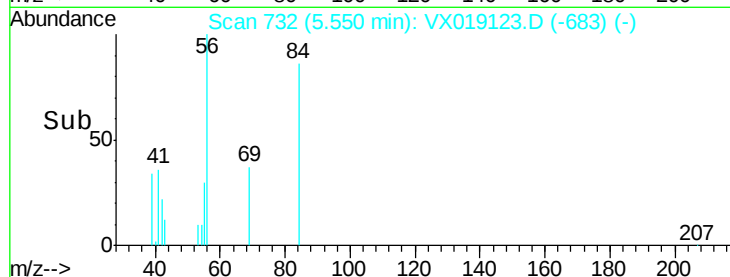
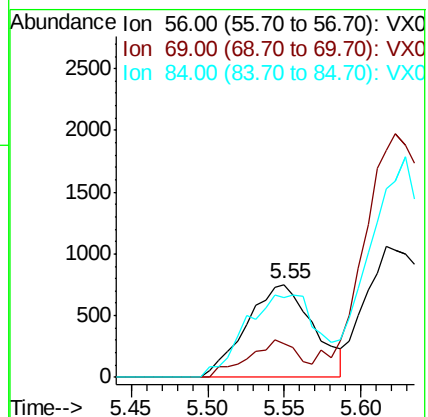
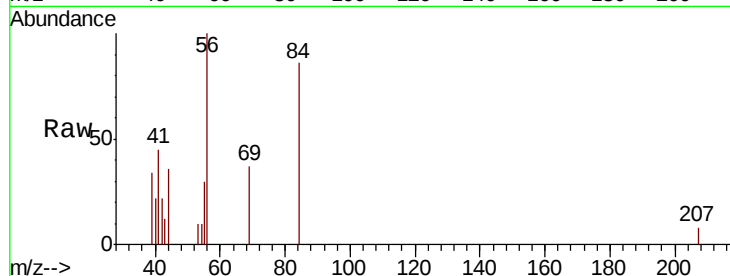
Tot Ion: 56 Resp: 2284

Ion Ratio Lower Upper

56 100

69 37.0 28.1 42.1

84 85.9 79.0 118.6



#32

1,1,1-Trichloroethane

Concen: 0.888 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

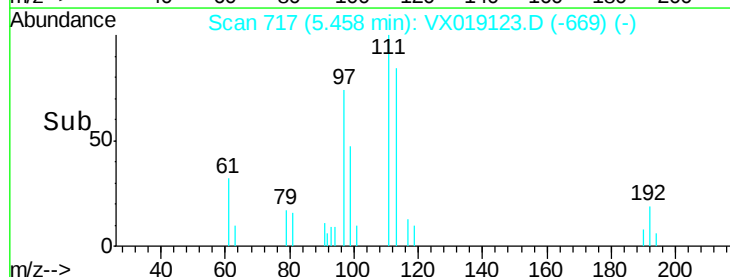
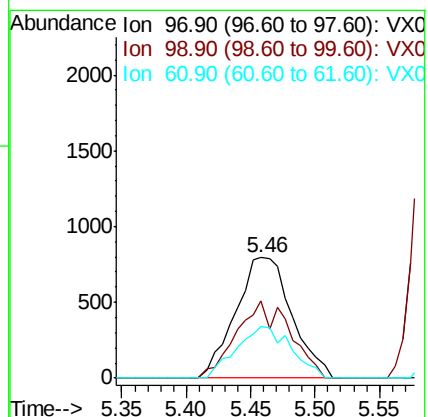
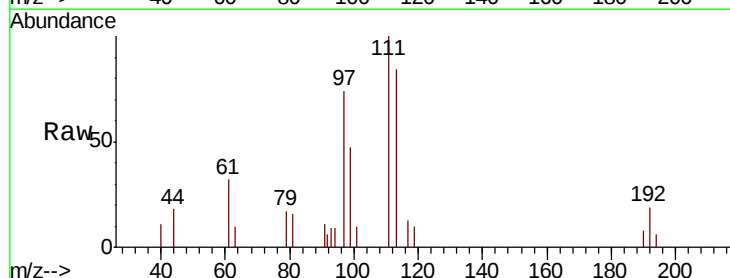
Tgt Ion: 97 Resp: 2397

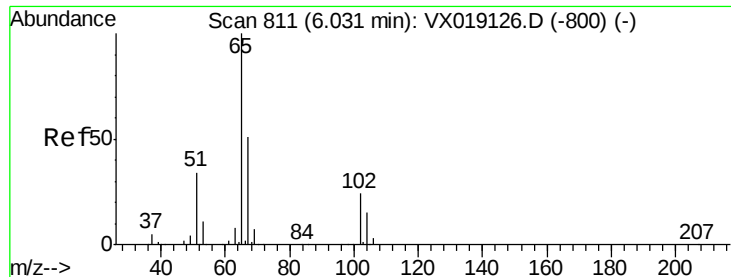
Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.8#

61 42.1 32.5 48.7

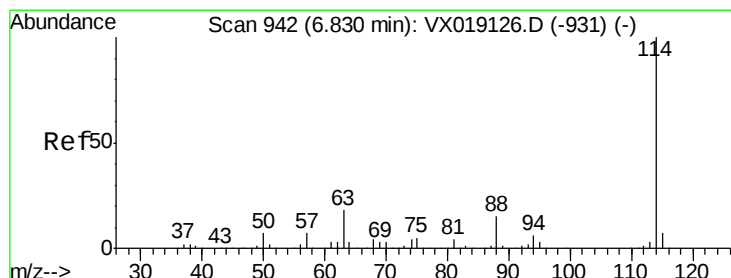
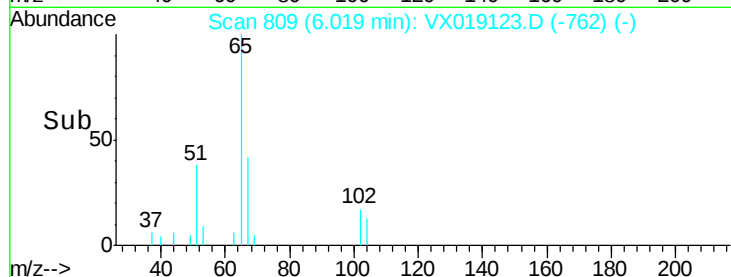
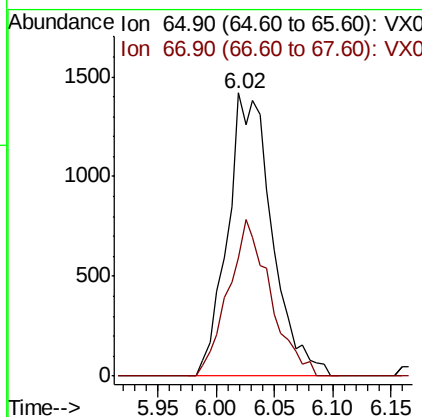
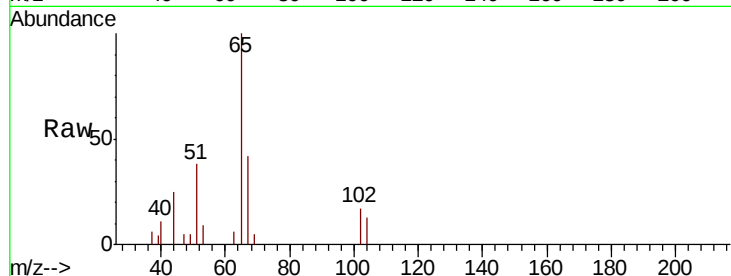




#33
 1,2-Dichloroethane-d4
 Concen: 1.544 ug/l
 RT: 6.02 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: VX019123.D
 Acq: 26 Oct 2020 17:02

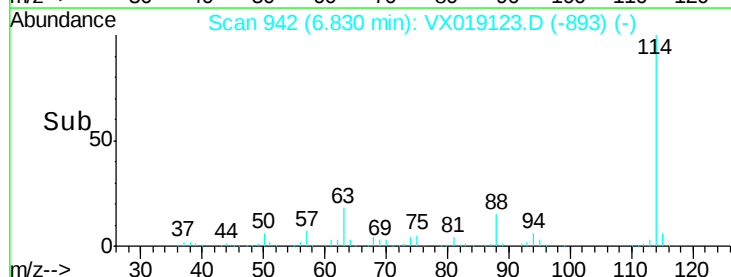
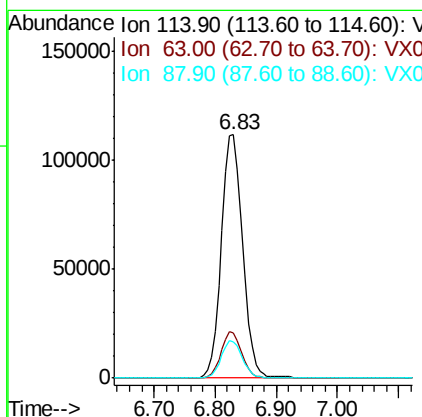
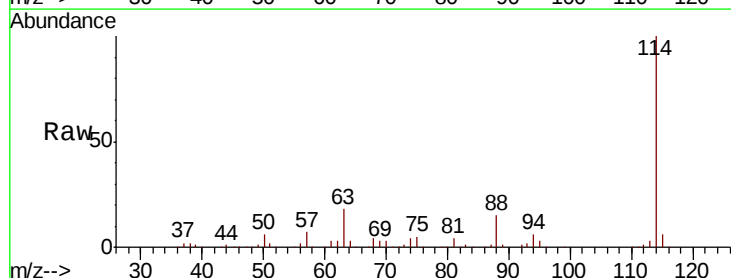
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

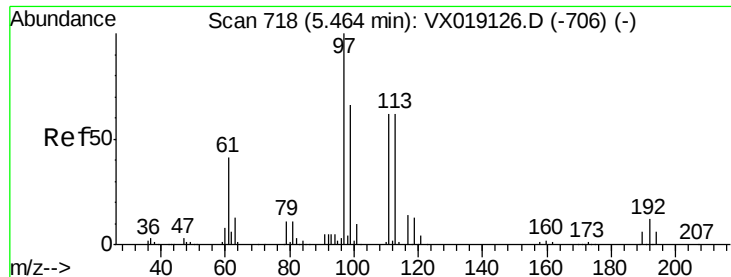
Tot Ion: 65 Resp: 3758
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019123.D
 Acq: 26 Oct 2020 17:02

Tgt Ion: 114 Resp: 270593
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.4
 88 15.1 0.0 30.8

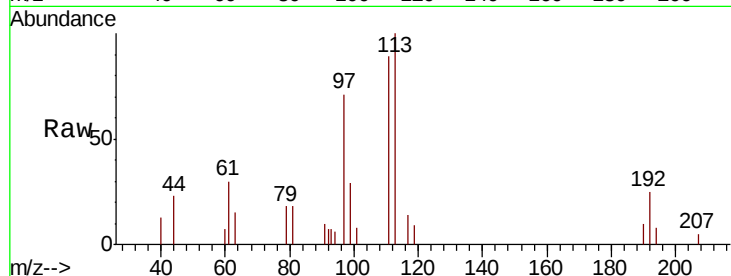




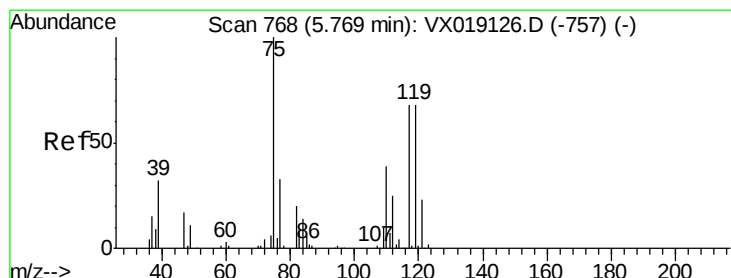
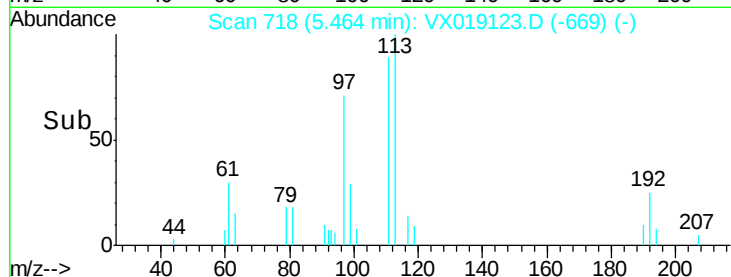
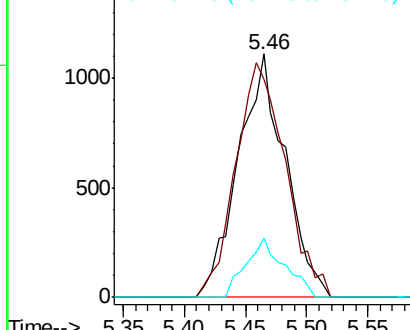
#35
 Dibromofluoromethane
 Concen: 1.503 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX019123.D
 Acq: 26 Oct 2020 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:113 Resp: 2964
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.8 122.6
 192 19.9 16.1 24.1

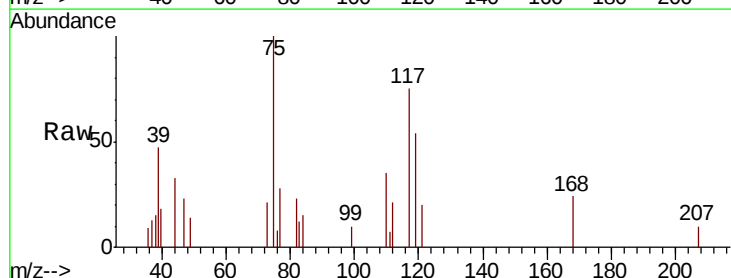


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

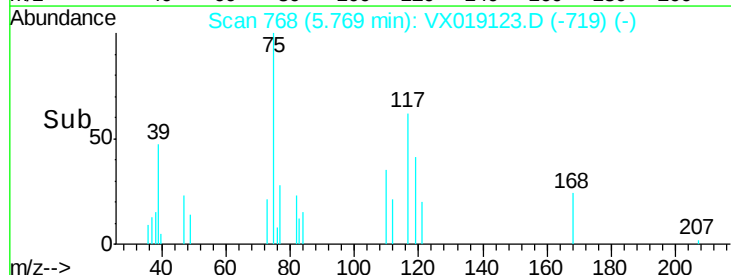
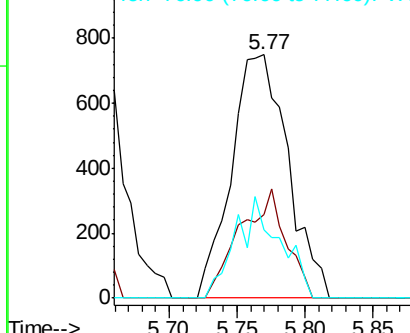


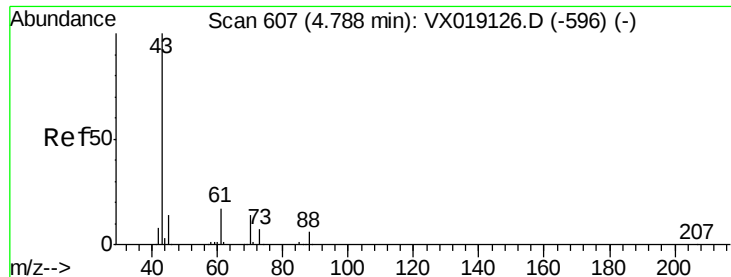
#36
 1,1-Dichloropropene
 Concen: 0.935 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019123.D
 Acq: 26 Oct 2020 17:02

Tgt Ion: 75 Resp: 2175
 Ion Ratio Lower Upper
 75 100
 110 36.6 19.3 57.9
 77 32.5 25.4 38.0



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

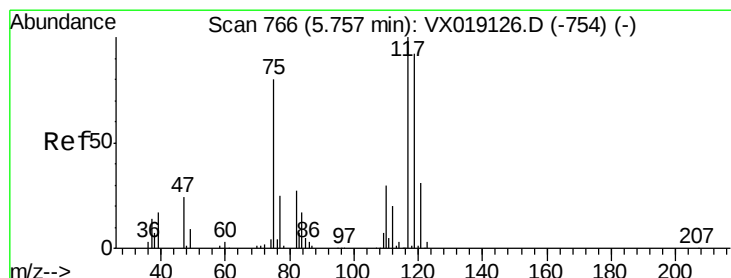
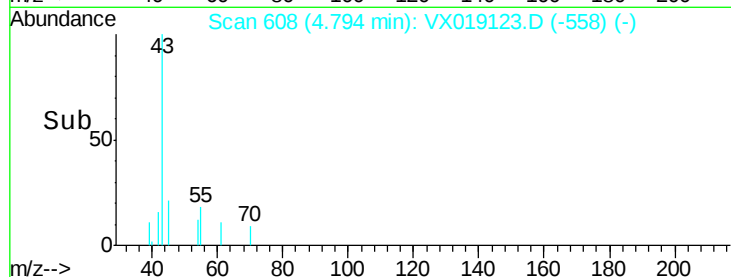
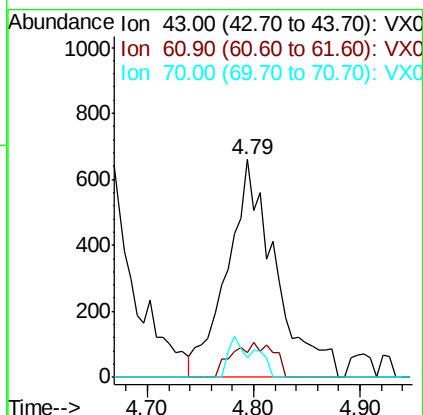
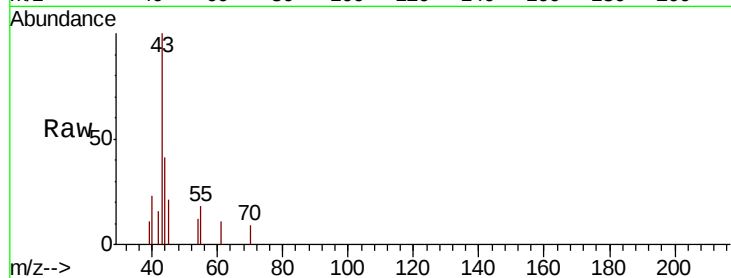




#37
Ethyl Acetate
Concen: 1.025 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

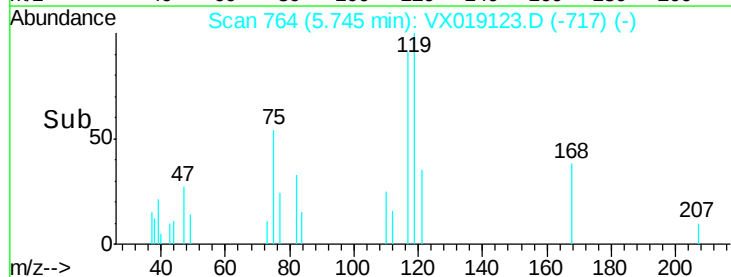
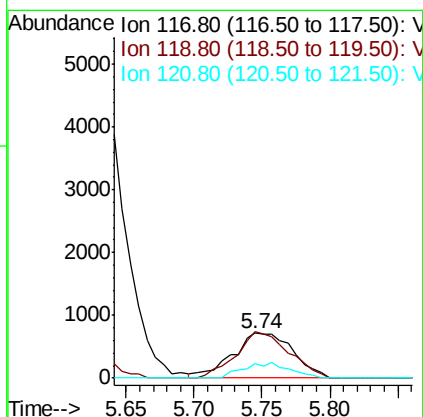
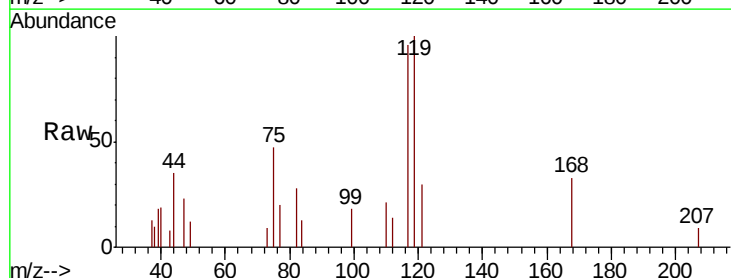
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

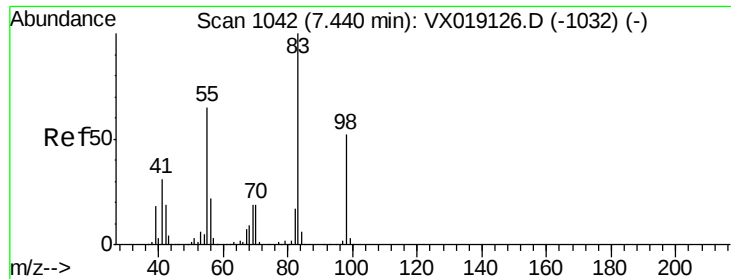
Tot Ion	43	Resp	2079
Ion Ratio	Lower	Upper	
43	100		
61	13.9	13.6	20.4
70	6.2	11.0	16.6#



#38
Carbon Tetrachloride
Concen: 0.948 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Tgt Ion	117	Resp	2228
Ion Ratio	Lower	Upper	
117	100		
119	104.1	73.5	110.3
121	31.4	24.3	36.5

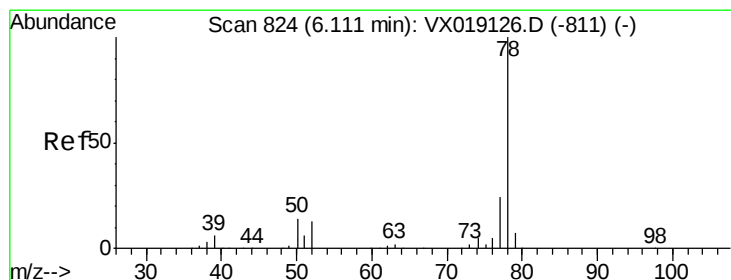
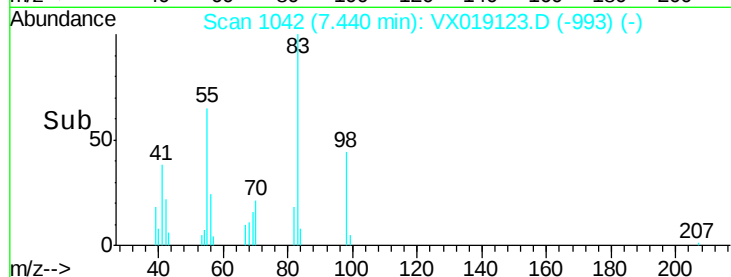
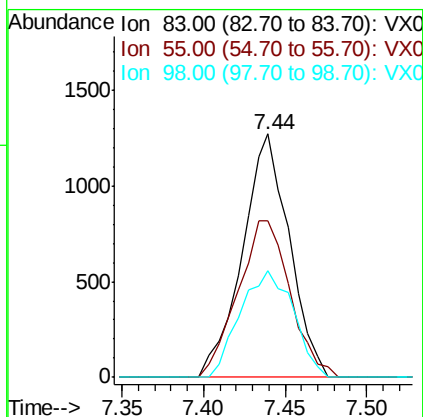
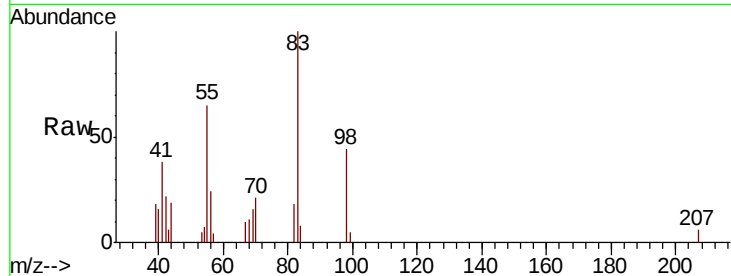




#39
Methvlcvclohexane
Concen: 0.898 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

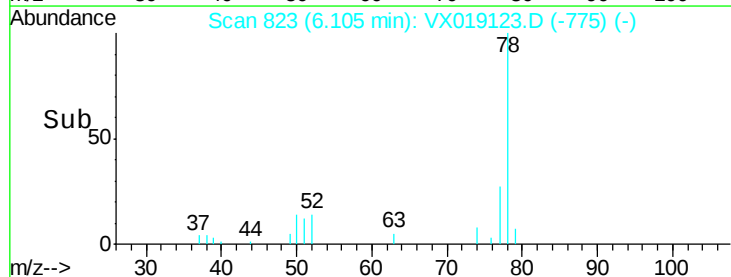
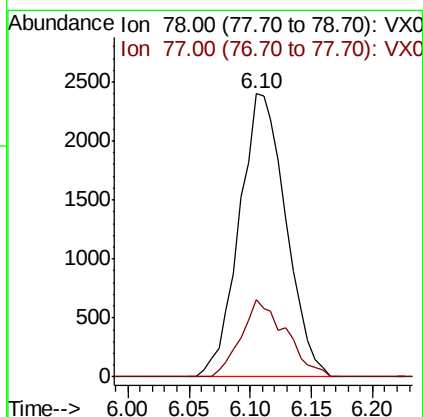
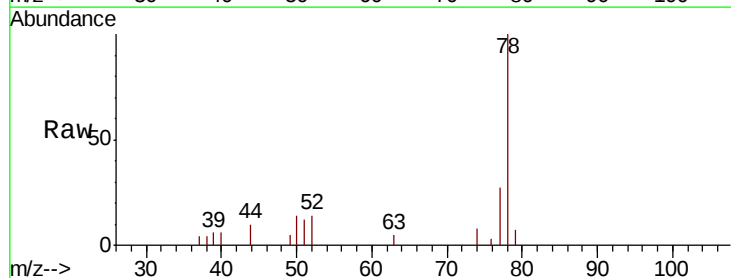
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

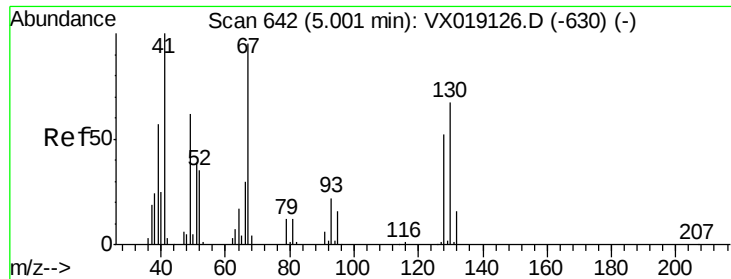
Tot Ion: 83 Resp: 2540
Ion Ratio Lower Upper
83 100
55 64.5 51.7 77.5
98 43.7 41.9 62.9



#40
Benzene
Concen: 0.928 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Tgt Ion: 78 Resp: 6350
Ion Ratio Lower Upper
78 100
77 27.1 19.5 29.3





#41

Methacrylonitrile

Concen: 0.961 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 41 Resp: 989

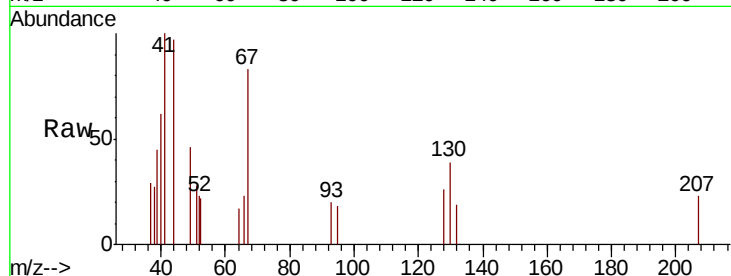
Ion Ratio Lower Upper

41 100

39 40.3 44.7 67.1#

67 90.3 75.3 112.9

52 32.7 27.8 41.8

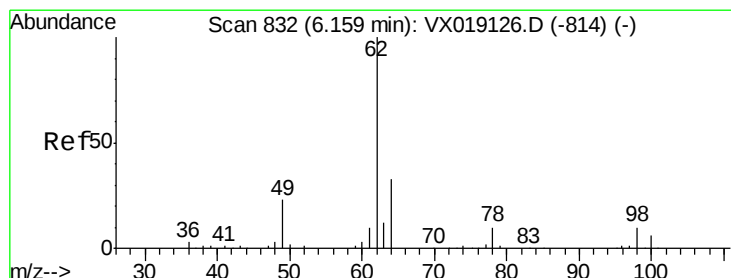
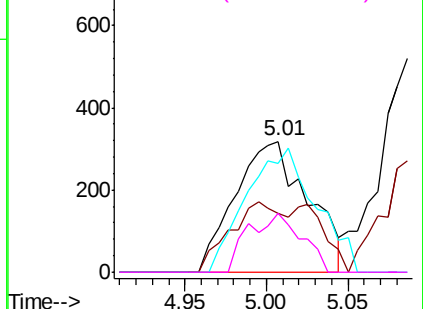
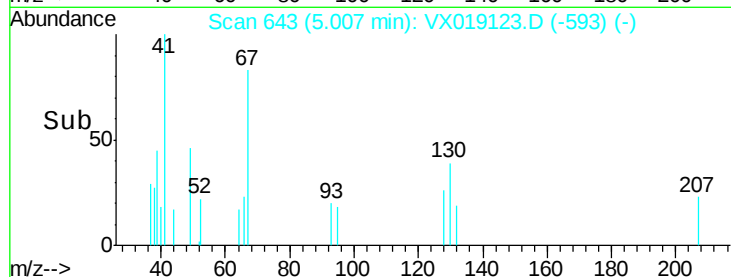


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 0.897 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX019123.D

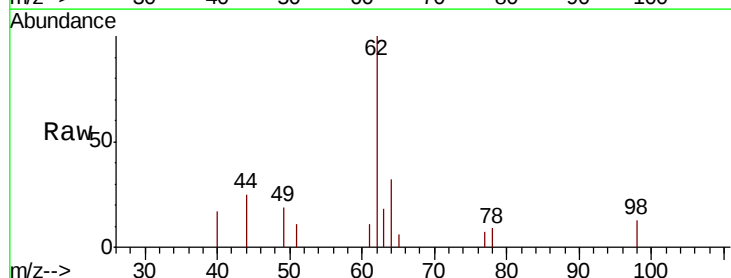
Acq: 26 Oct 2020 17:02

Tgt Ion: 62 Resp: 2067

Ion Ratio Lower Upper

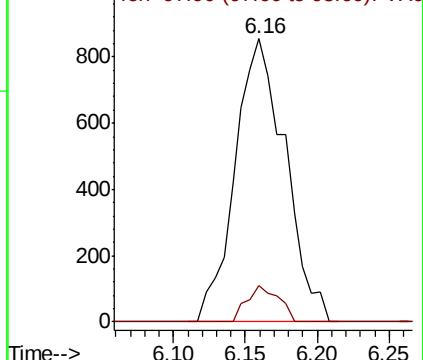
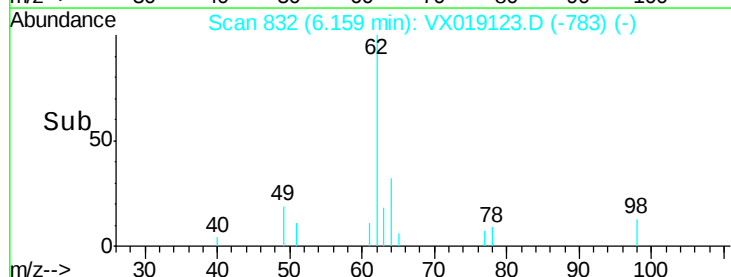
62 100

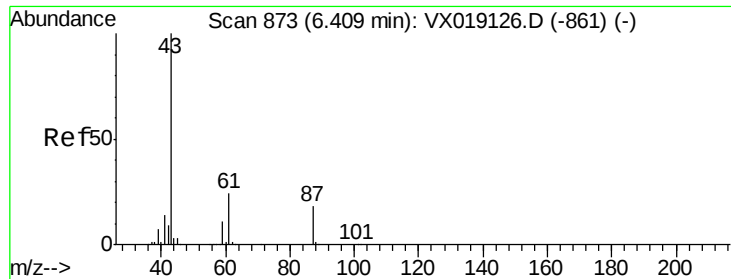
98 8.0 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.946 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

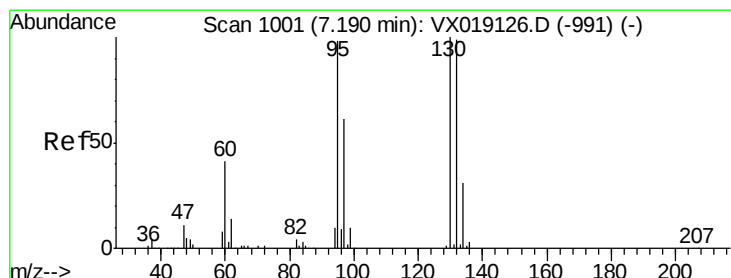
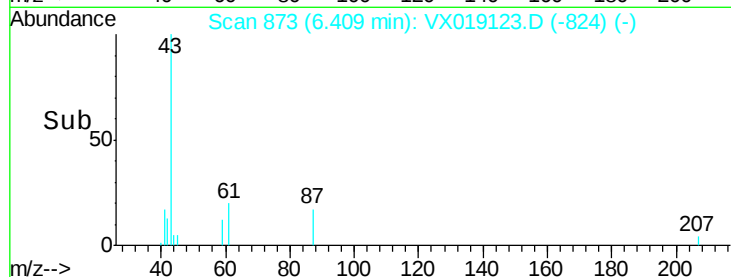
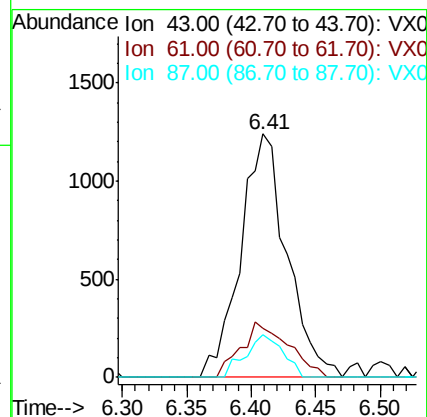
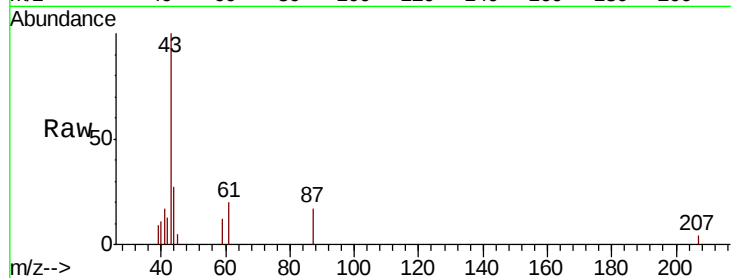
Tot Ion: 43 Resp: 3095

Ion Ratio Lower Upper

43 100

61 23.2 19.0 28.4

87 14.2 14.3 21.5#



#44

Trichloroethene

Concen: 0.941 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX019123.D

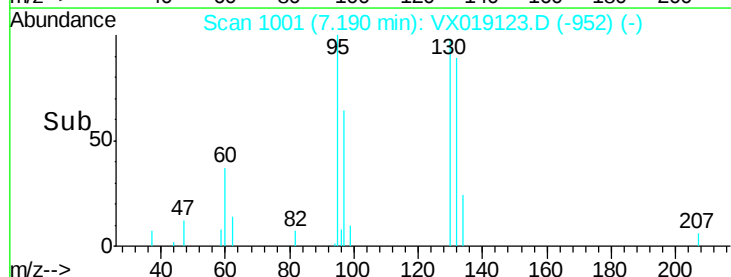
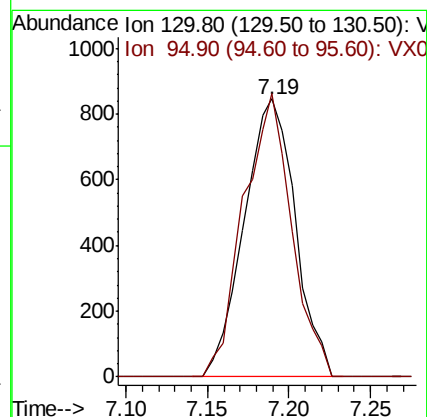
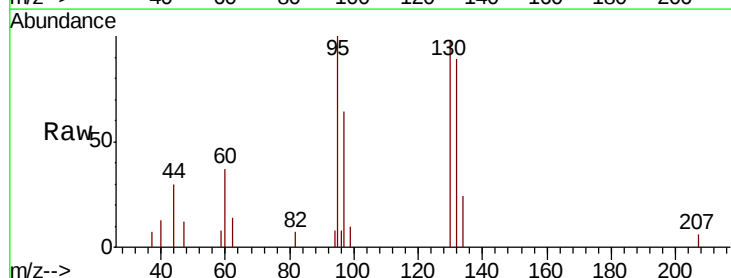
Acq: 26 Oct 2020 17:02

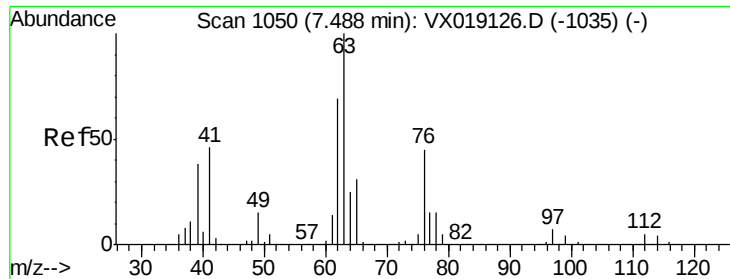
Tgt Ion: 130 Resp: 1839

Ion Ratio Lower Upper

130 100

95 101.9 0.0 195.6





#45

1,2-Dichloropropane

Concen: 0.892 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

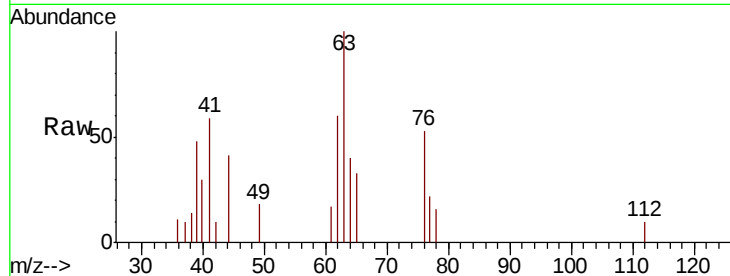
VSTDIC001

Tot Ion: 63 Resp: 1414

Ion Ratio Lower Upper

63 100

65 33.1 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.48

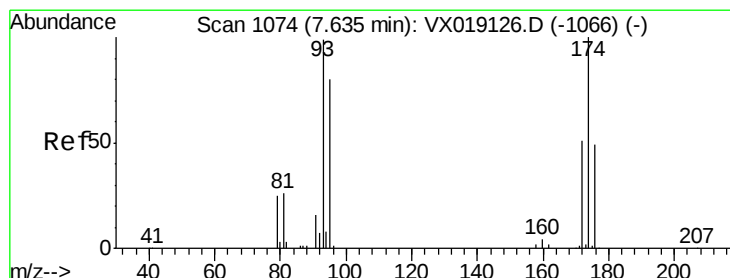
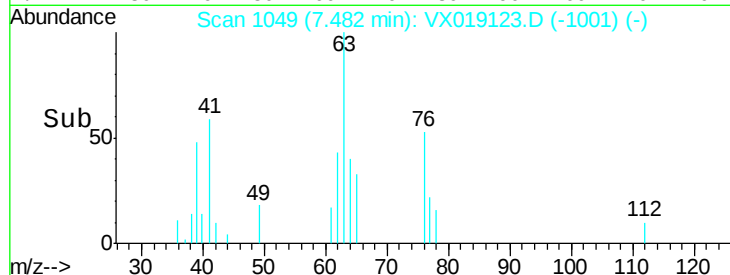
600

400

200

0

Time-->



#46

Dibromomethane

Concen: 0.890 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

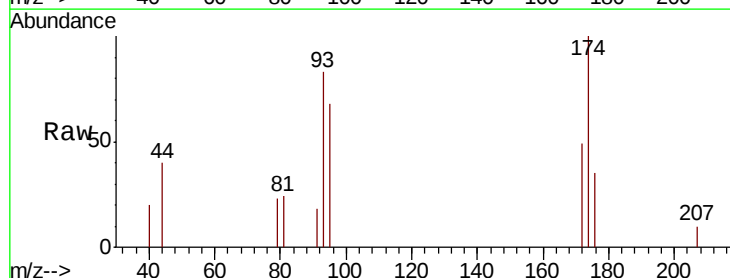
Tgt Ion: 93 Resp: 1065

Ion Ratio Lower Upper

93 100

95 89.0 66.6 100.0

174 113.3 84.5 126.7



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

800

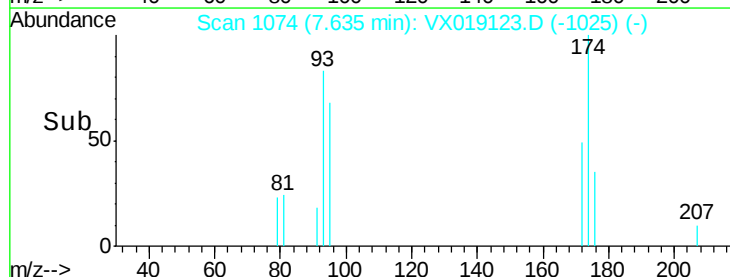
600

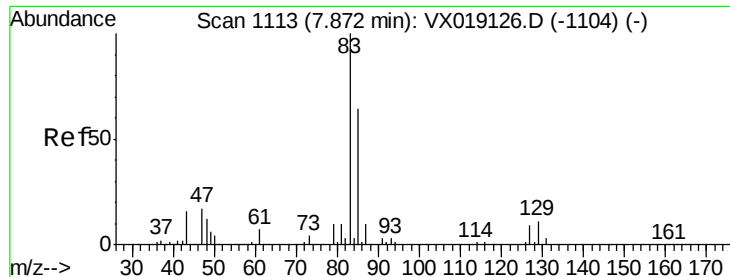
400

200

0

Time-->





#47

Bromodichloromethane

Concen: 0.872 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

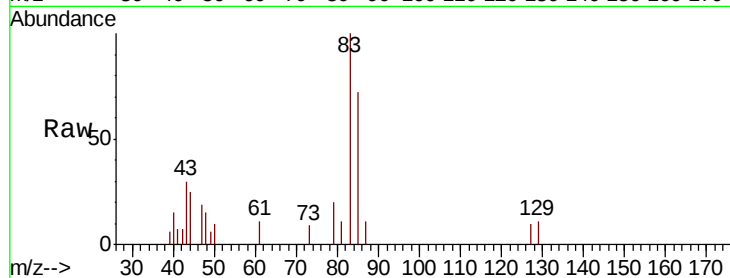
Tot Ion: 83 Resp: 1996

Ion Ratio Lower Upper

83 100

85 71.6 51.2 76.8

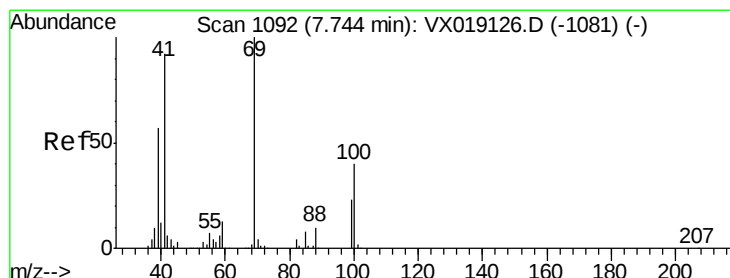
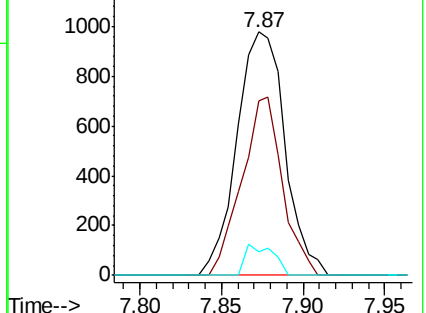
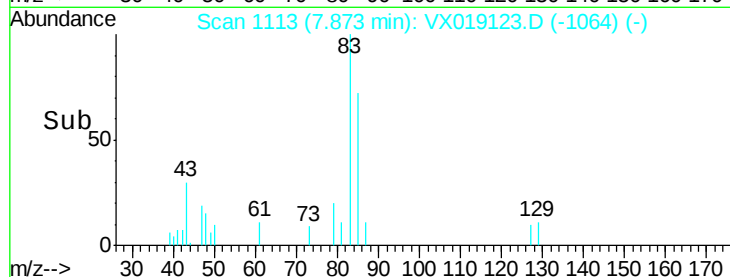
127 9.5 7.4 11.2



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: 0.914 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

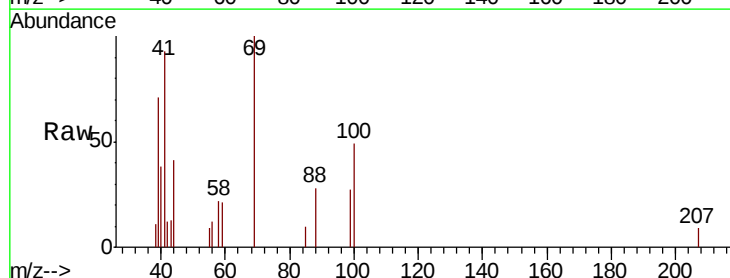
Tgt Ion: 41 Resp: 1388

Ion Ratio Lower Upper

41 100

69 99.3 86.3 129.5

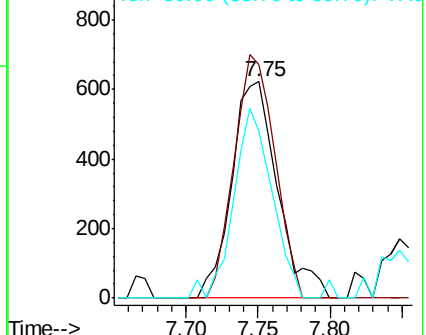
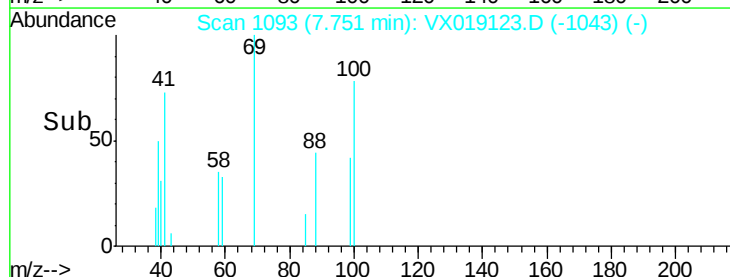
39 72.4 49.7 74.5

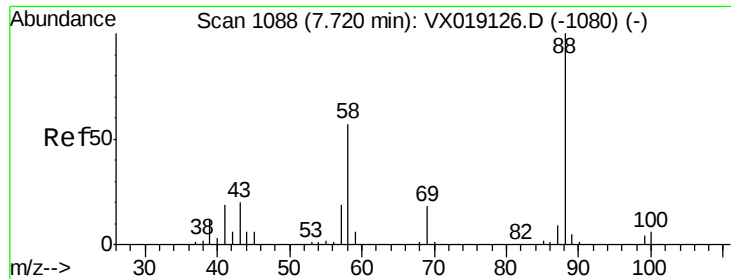


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

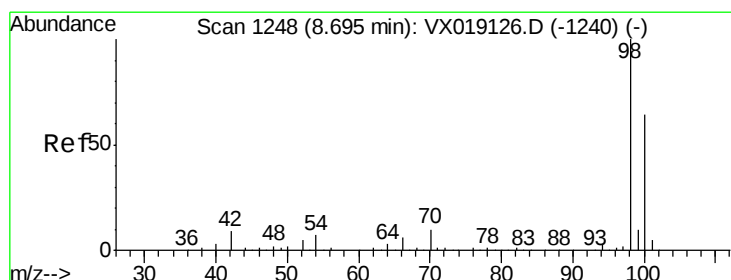
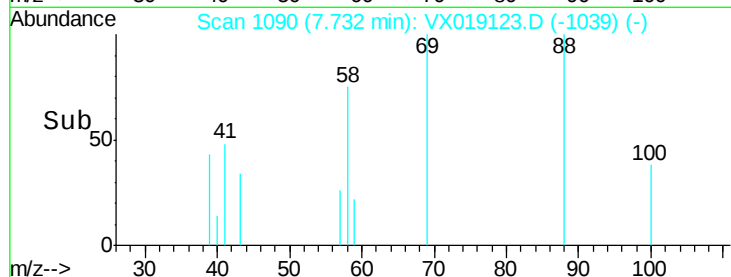
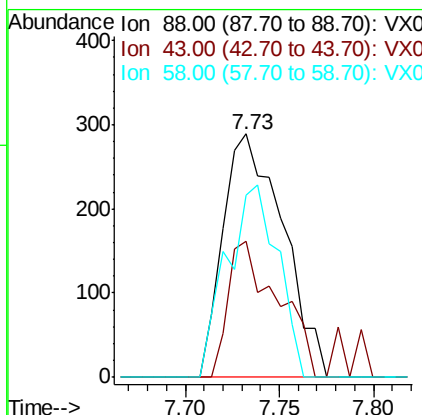
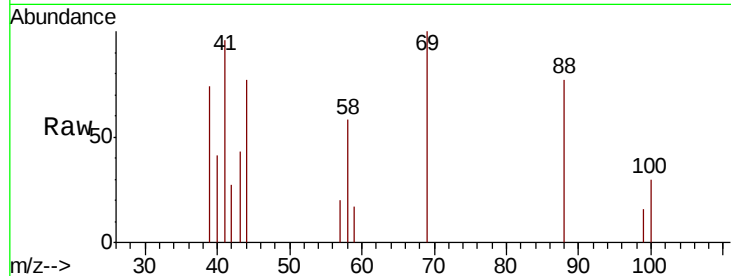




#49
1,4-Dioxane
Concen: 15.816 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

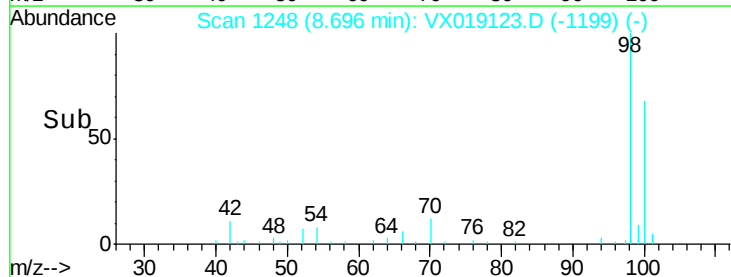
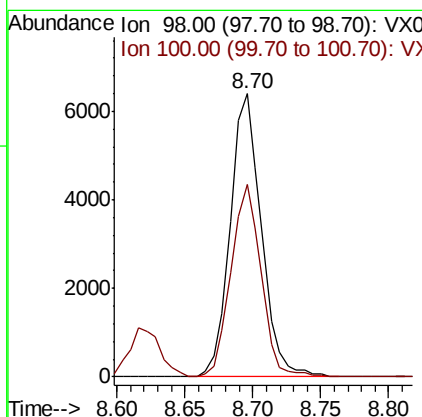
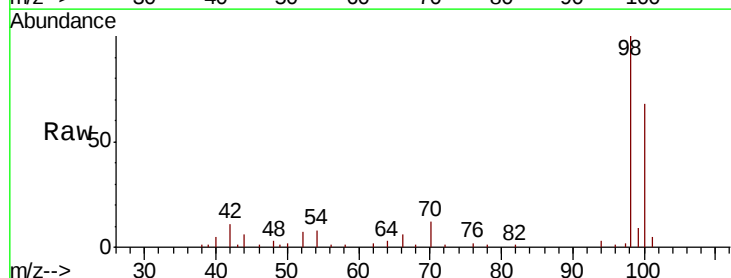
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

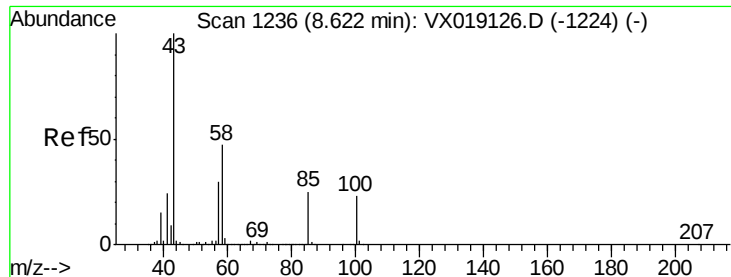
Tot Ion: 88 Resp: 639
Ion Ratio Lower Upper
88 100
43 46.5 19.7 29.5#
58 66.8 47.8 71.6



#50
Toluene-d8
Concen: 1.392 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Tgt Ion: 98 Resp: 10160
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

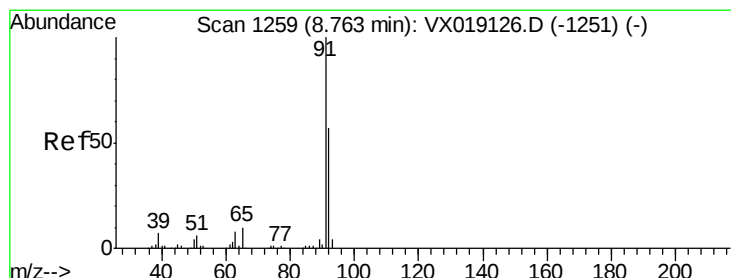
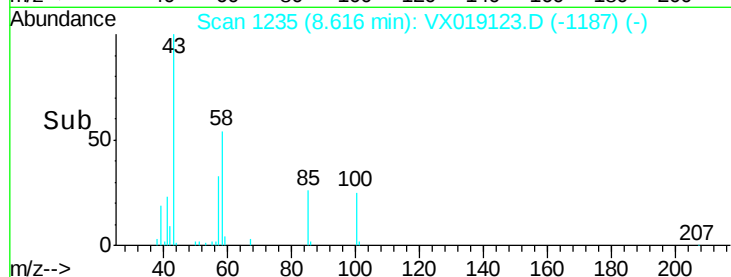
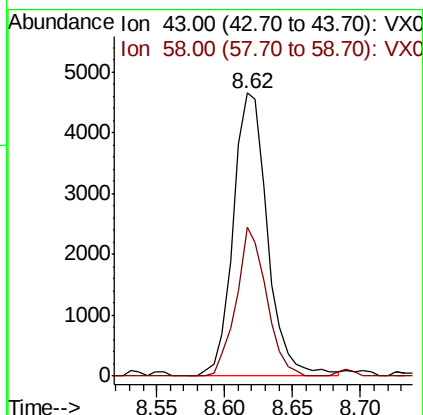
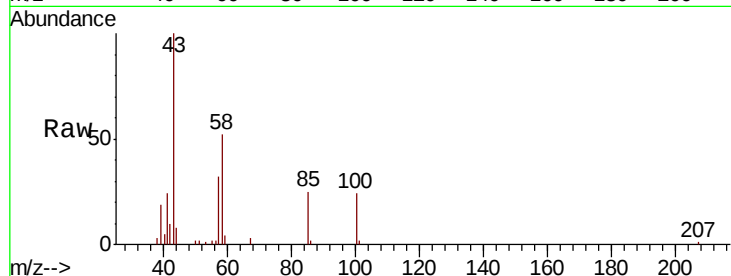




#51
 4-Methyl-2-Pentanone
 Concen: 4.321 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX019123.D
 Acq: 26 Oct 2020 17:02

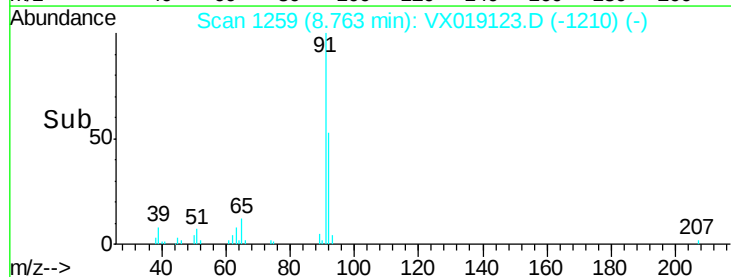
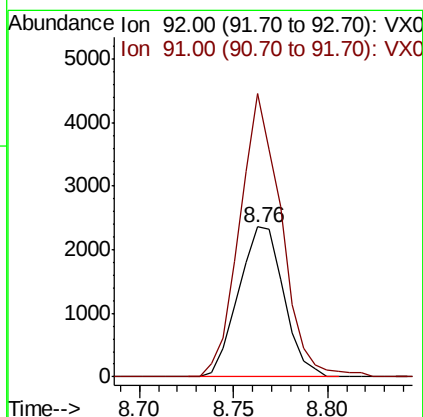
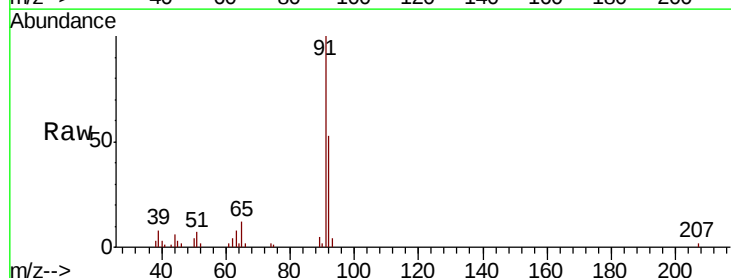
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

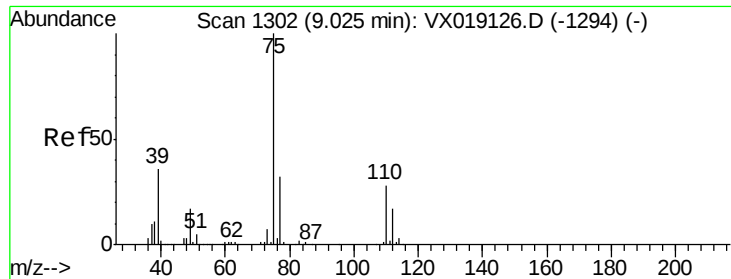
Tot Ion: 43 Resp: 8162
 Ion Ratio Lower Upper
 43 100
 58 46.2 37.3 55.9



#52
 Toluene
 Concen: 0.898 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019123.D
 Acq: 26 Oct 2020 17:02

Tgt Ion: 92 Resp: 3919
 Ion Ratio Lower Upper
 92 100
 91 174.8 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 0.875 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

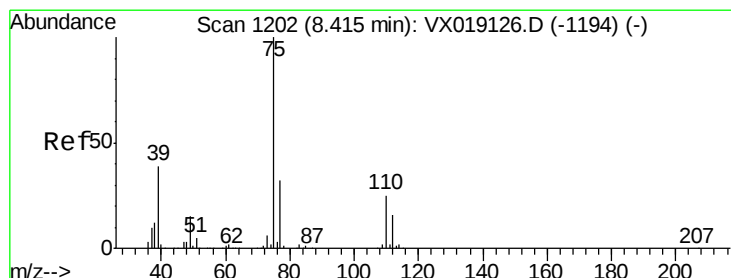
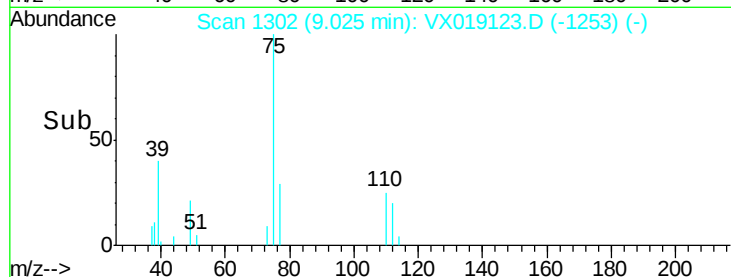
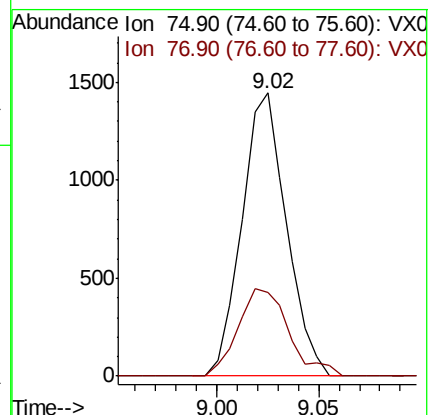
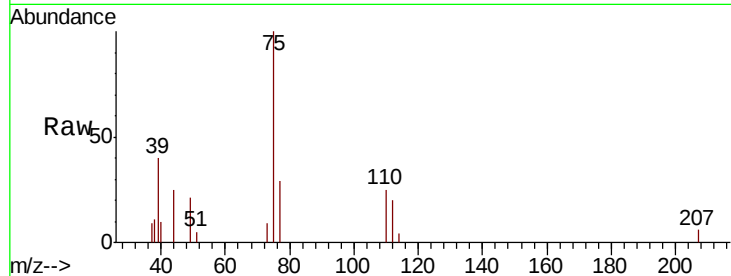
VSTDIC001

Tot Ion: 75 Resp: 2190

Ion Ratio Lower Upper

75 100

77 29.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 0.851 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

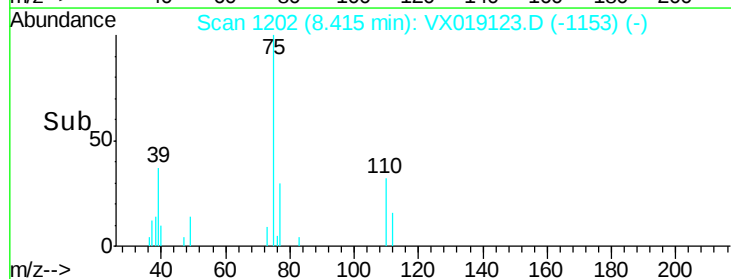
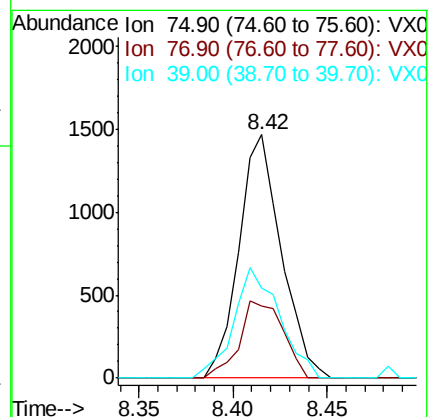
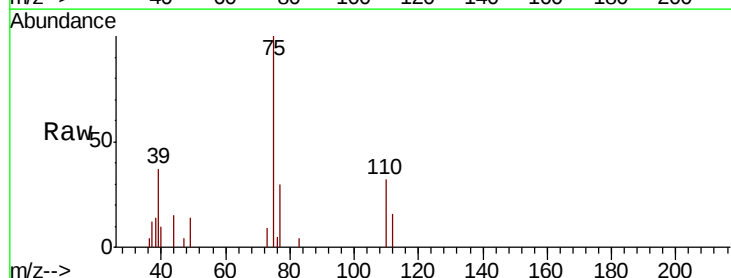
Tgt Ion: 75 Resp: 2292

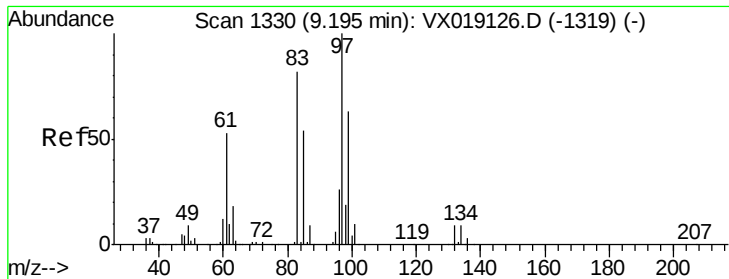
Ion Ratio Lower Upper

75 100

77 29.7 25.4 38.2

39 36.9 31.0 46.6

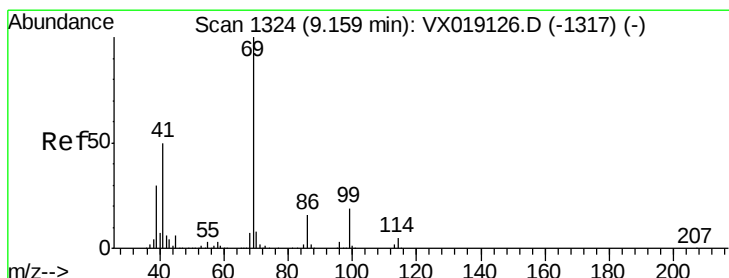
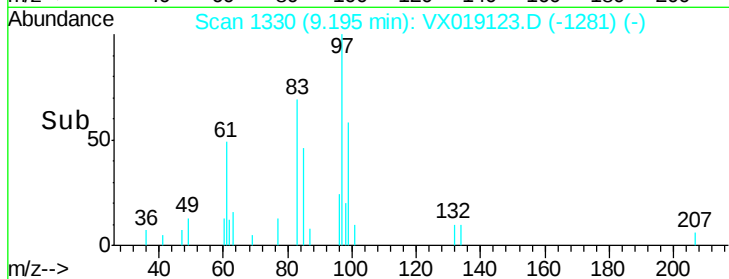
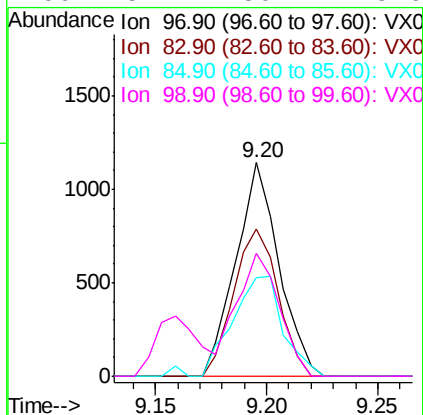
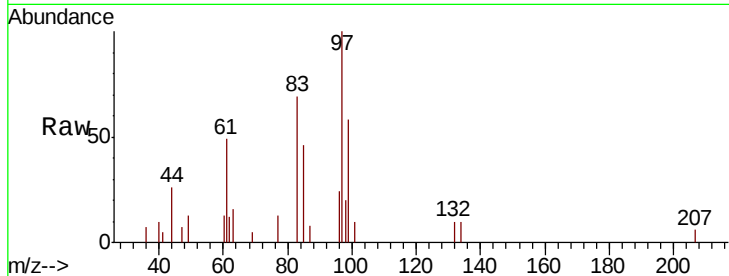




#55
 1,1,2-Trichloroethane
 Concen: 0.887 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019123.D
 Acq: 26 Oct 2020 17:02

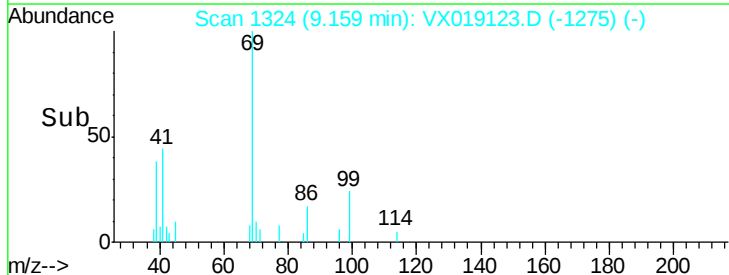
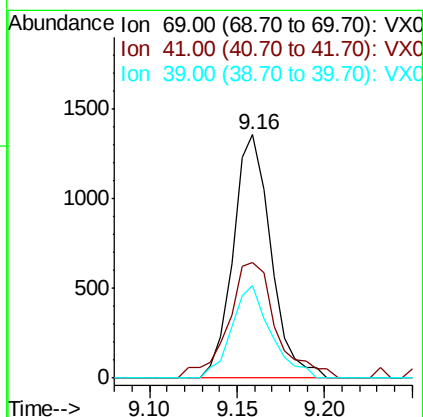
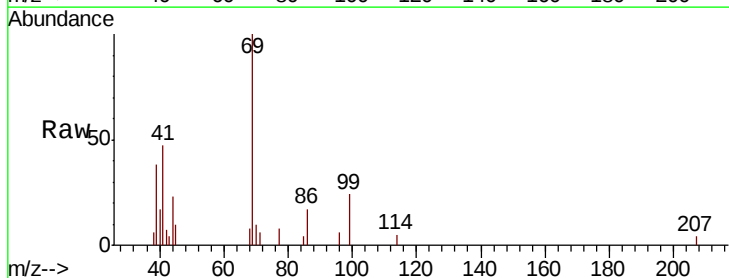
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

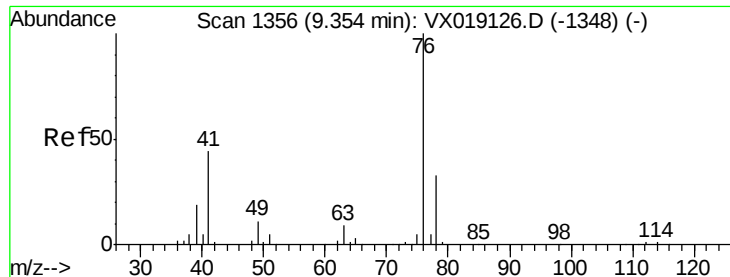
Tot Ion:	97	Resp:	1540
Ion	Ratio	Lower	Upper
97	100		
83	68.9	65.6	98.4
85	46.0	43.4	65.2
99	57.7	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 0.841 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019123.D
 Acq: 26 Oct 2020 17:02

Tgt Ion:	69	Resp:	2043
Ion	Ratio	Lower	Upper
69	100		
41	59.8	40.3	60.5
39	39.4	24.6	37.0#

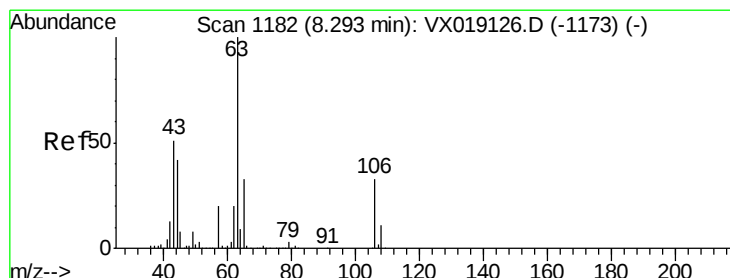
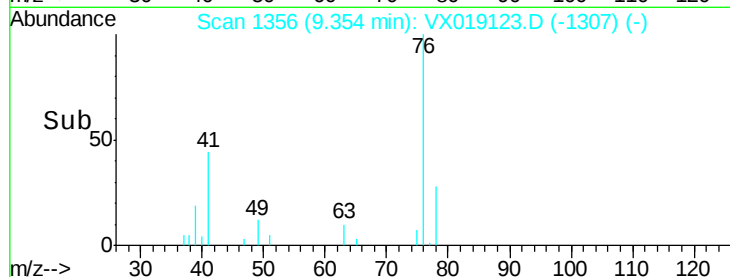
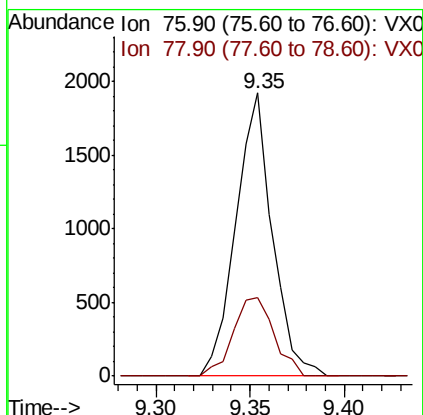
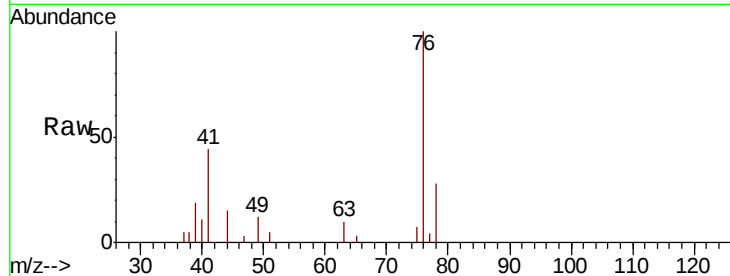




#57
 1,3-Dichloropropane
 Concen: 0.902 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX019123.D
 Acq: 26 Oct 2020 17:02

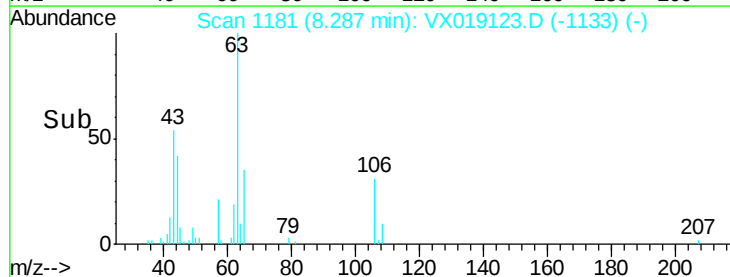
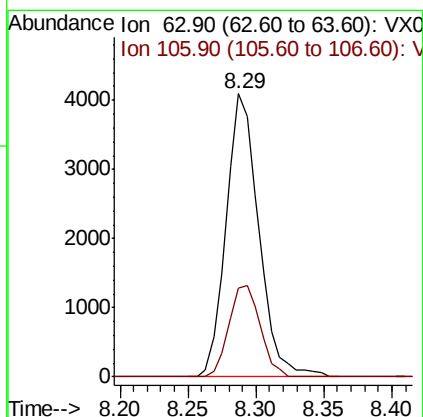
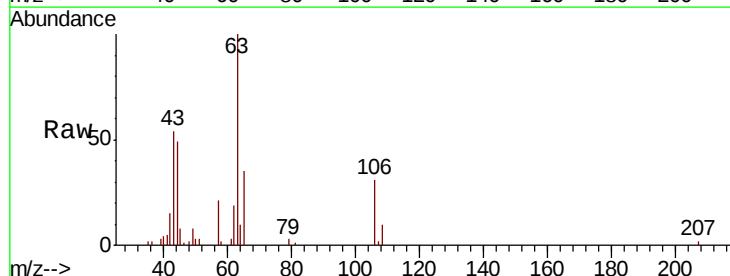
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

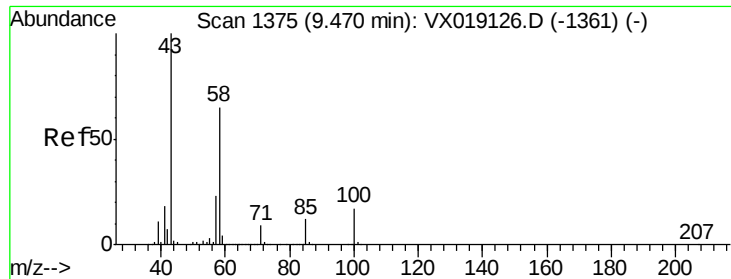
Tot Ion: 76 Resp: 2580
 Ion Ratio Lower Upper
 76 100
 78 31.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.027 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX019123.D
 Acq: 26 Oct 2020 17:02

Tgt Ion: 63 Resp: 6821
 Ion Ratio Lower Upper
 63 100
 106 31.0 26.2 39.4

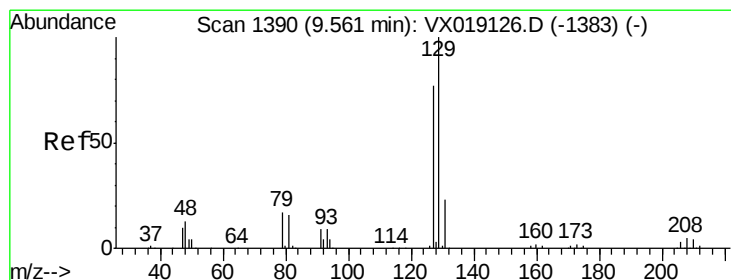
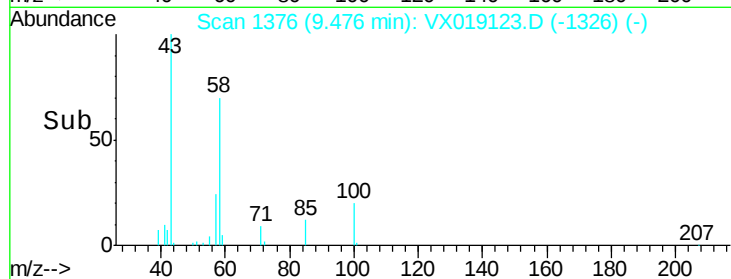
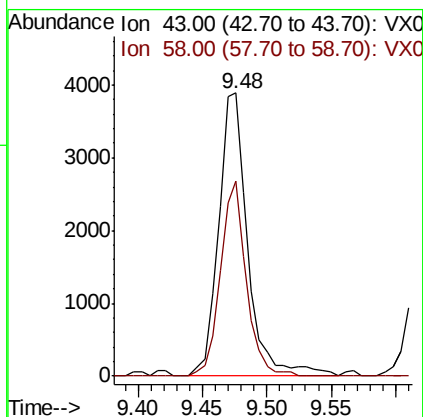
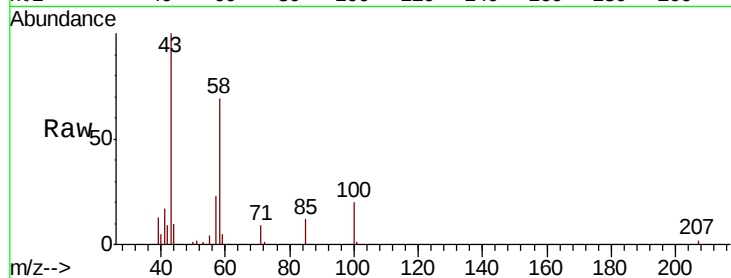




#59
2-Hexanone
Concen: 4.346 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

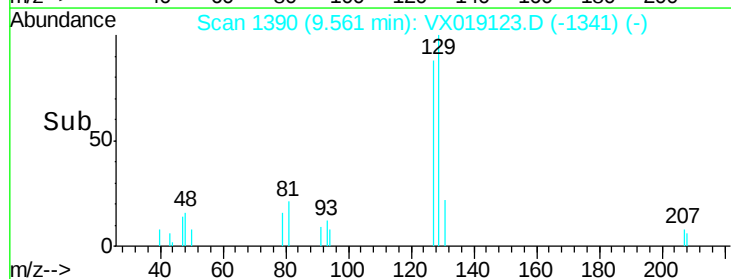
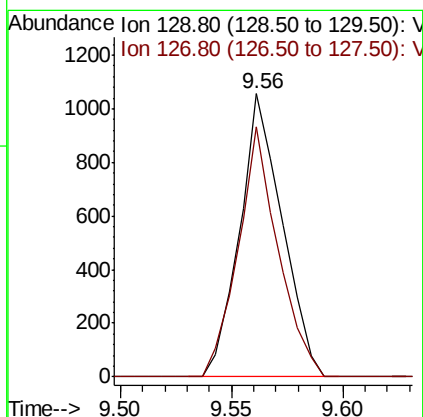
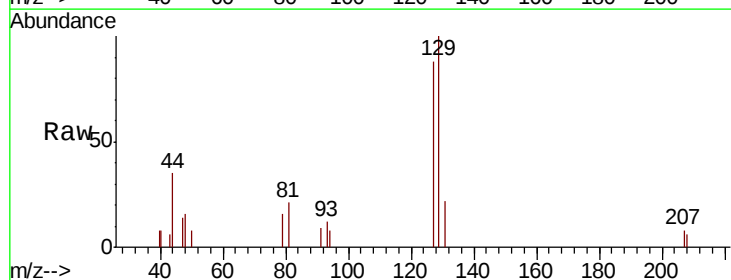
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

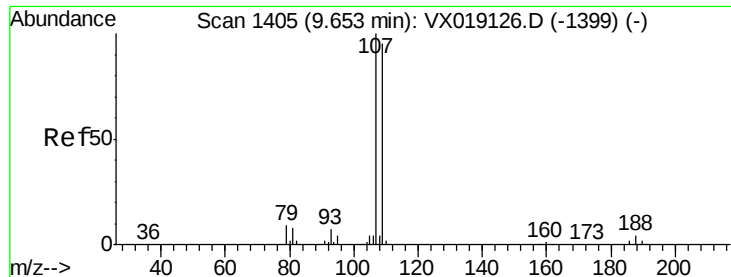
Tot Ion: 43 Resp: 6179
Ion Ratio Lower Upper
43 100
58 61.2 33.1 99.3



#60
Dibromochloromethane
Concen: 0.795 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Tgt Ion: 129 Resp: 1404
Ion Ratio Lower Upper
129 100
127 83.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 0.885 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

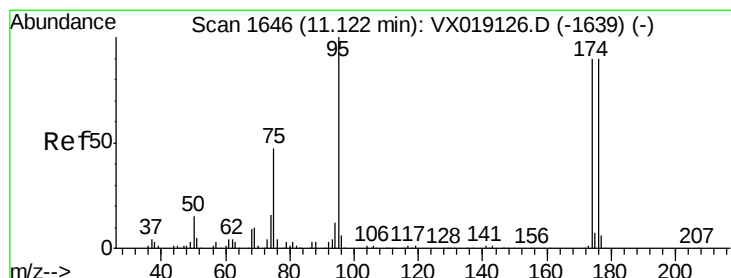
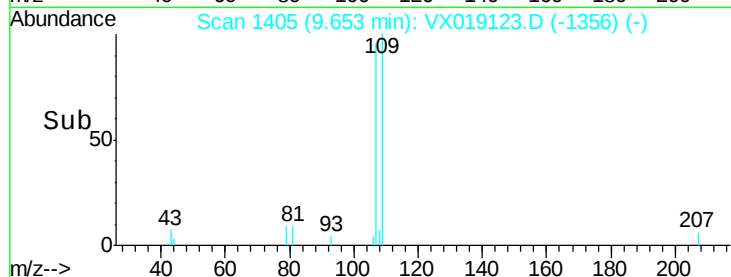
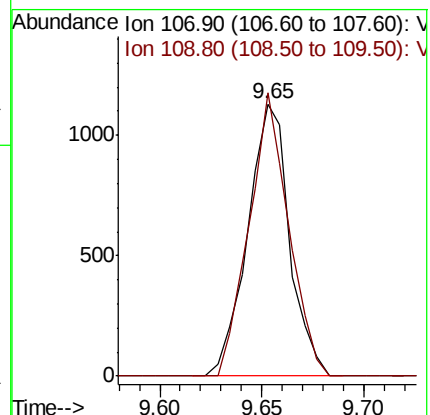
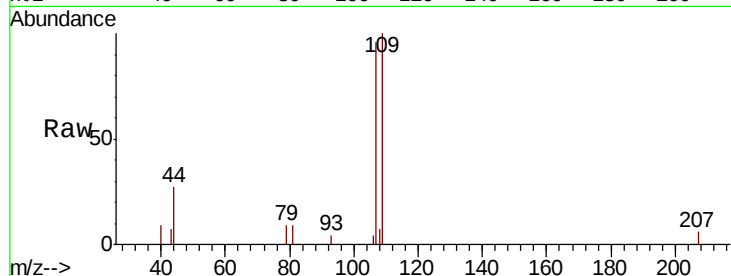
VSTDIC001

Tot Ion:107 Resp: 1613

Ion Ratio Lower Upper

107 100

109 98.3 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 1.341 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

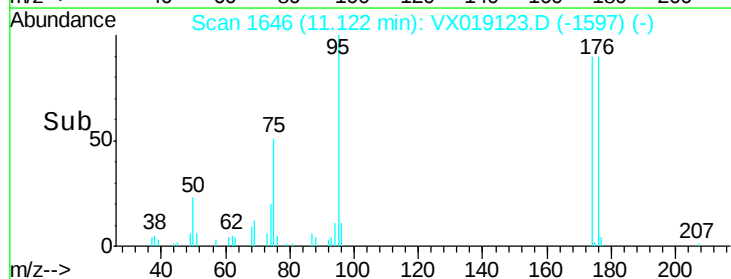
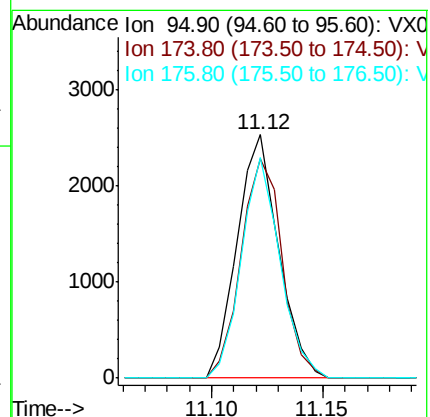
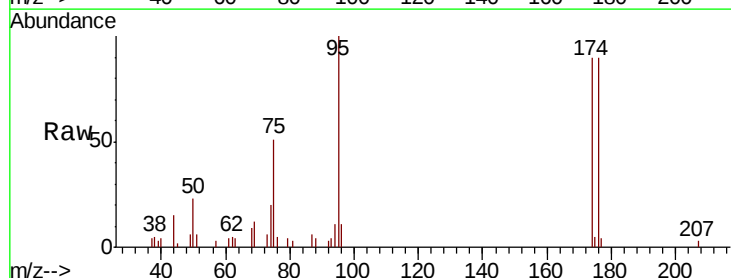
Tgt Ion: 95 Resp: 3288

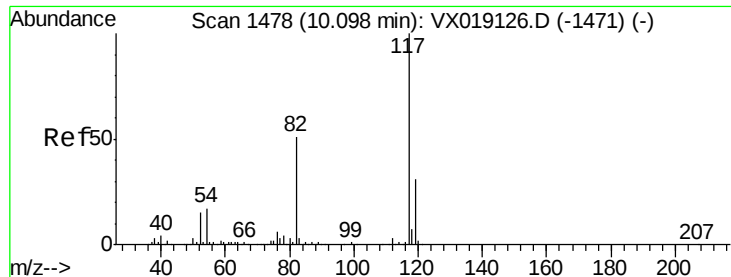
Ion Ratio Lower Upper

95 100

174 89.2 0.0 169.6

176 84.2 0.0 169.2

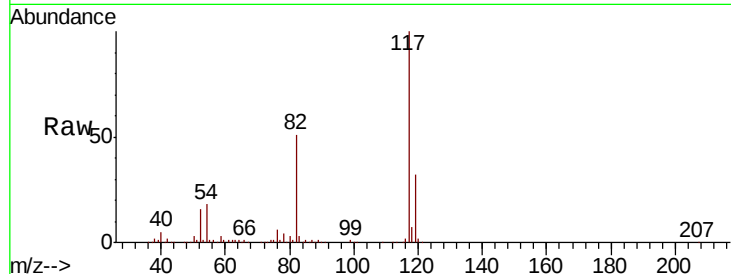




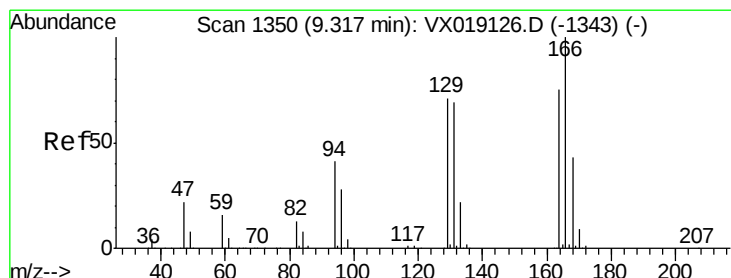
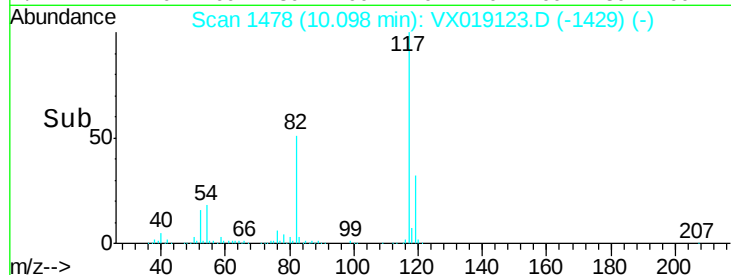
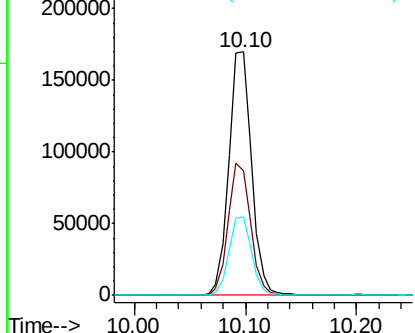
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 241208
Ion Ratio Lower Upper
117 100
82 51.3 40.6 60.8
119 32.1 24.7 37.1

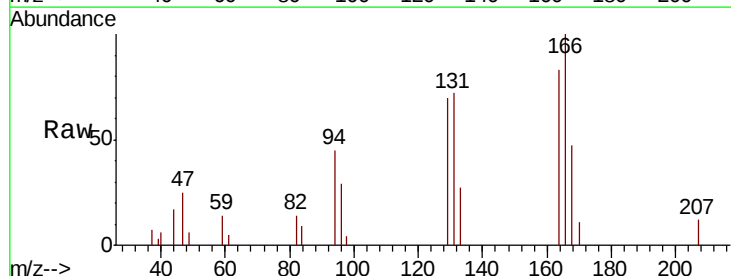


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

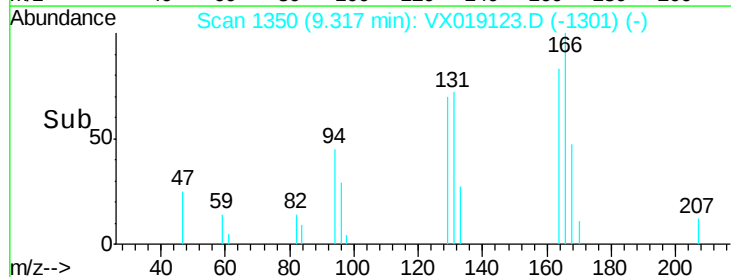
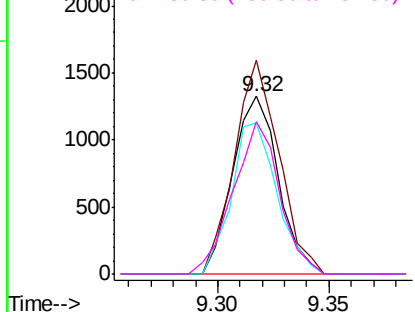


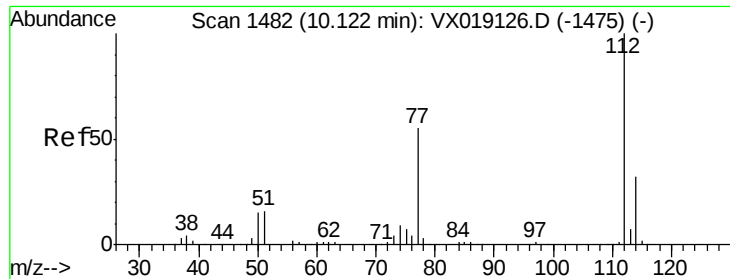
#64
Tetrachloroethene
Concen: 1.021 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Tgt Ion:164 Resp: 1897
Ion Ratio Lower Upper
164 100
166 120.1 106.4 159.6
129 84.7 75.9 113.9
131 85.9 73.0 109.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

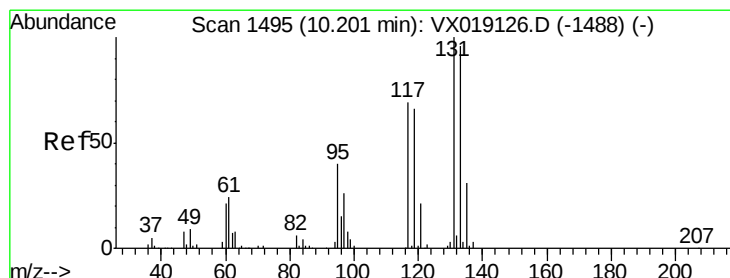
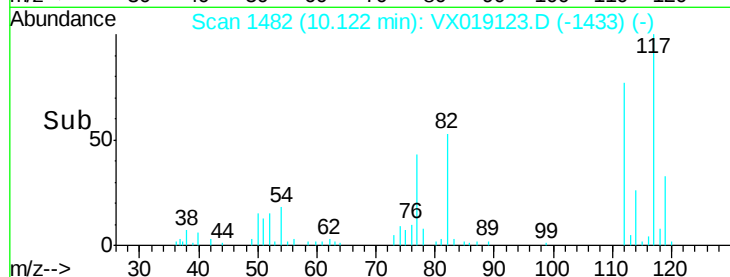
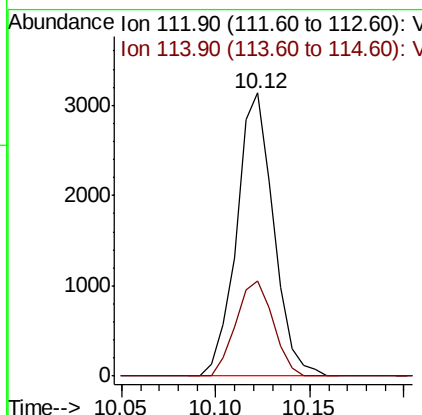
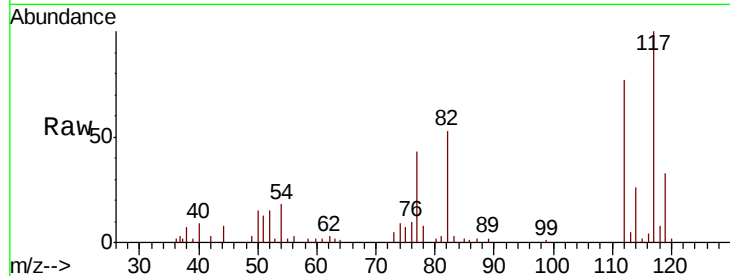




#65
Chlorobenzene
Concen: 0.912 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

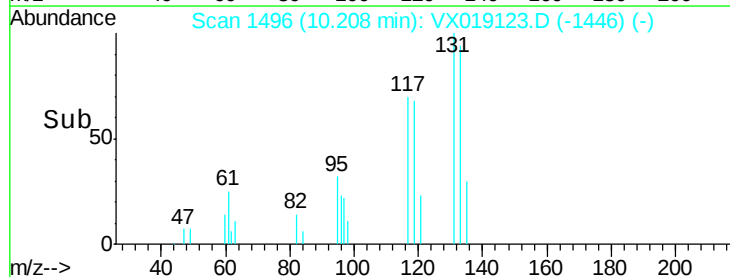
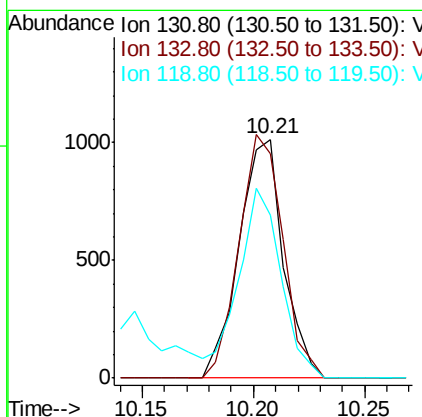
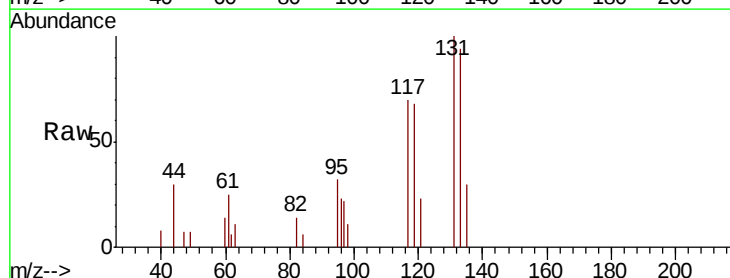
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

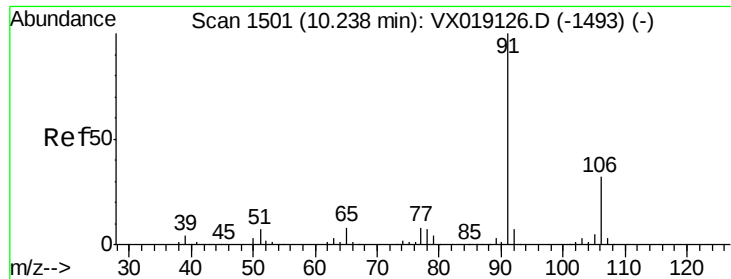
Tot Ion:112 Resp: 4249
Ion Ratio Lower Upper
112 100
114 33.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.858 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Tgt Ion:131 Resp: 1410
Ion Ratio Lower Upper
131 100
133 100.8 47.9 143.7
119 0.0 33.4 100.1#

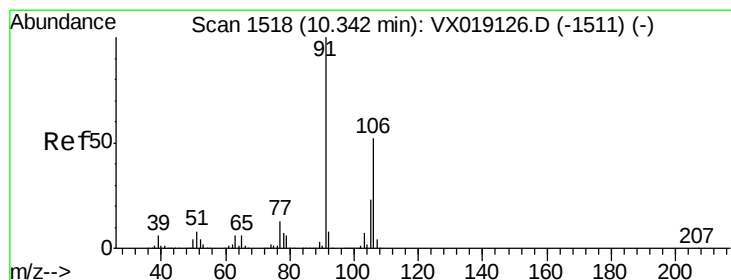
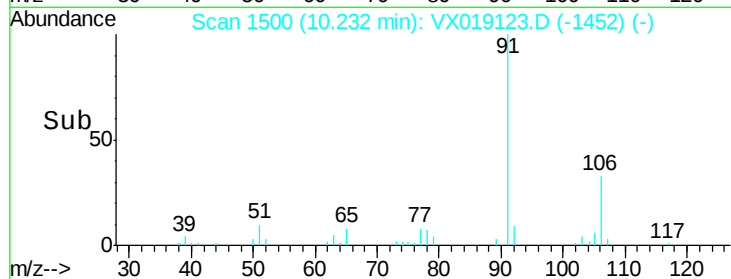
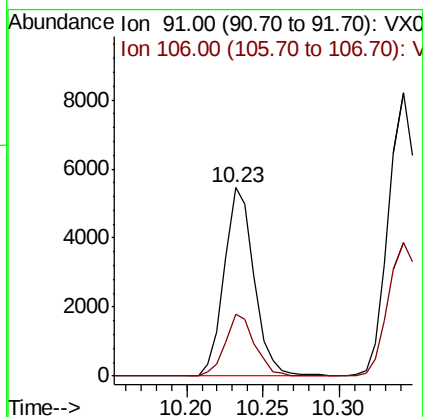
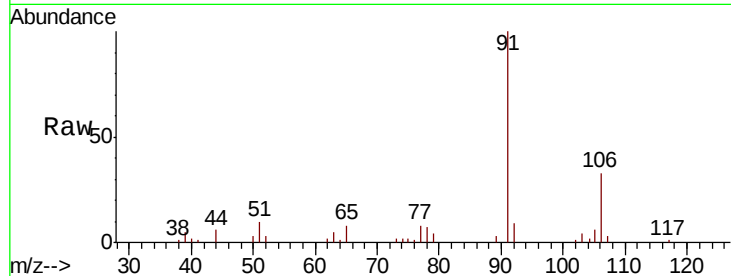




#67
Ethyl Benzene
Concen: 0.906 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

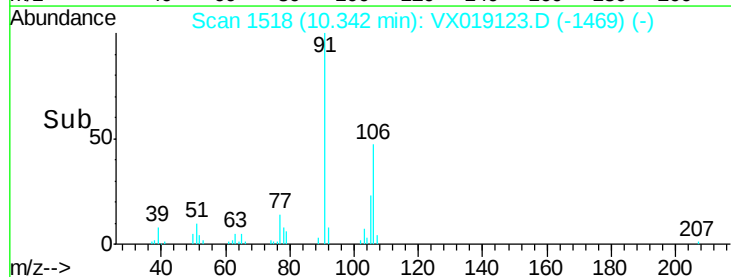
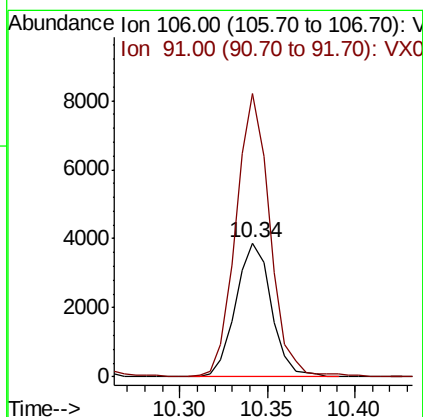
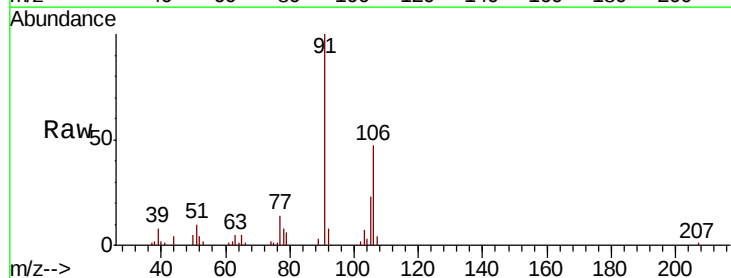
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

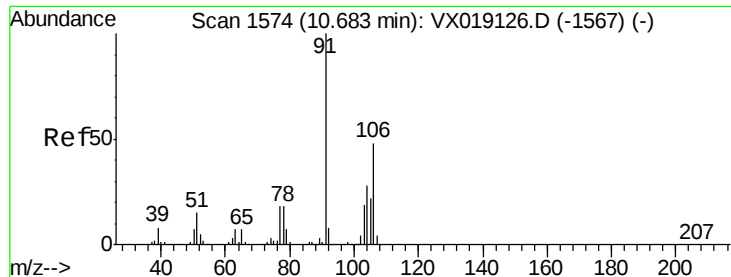
Tot Ion: 91 Resp: 7423
Ion Ratio Lower Upper
91 100
106 33.0 25.4 38.2



#68
m/p-Xylenes
Concen: 1.754 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Tgt Ion: 106 Resp: 5480
Ion Ratio Lower Upper
106 100
91 202.9 157.4 236.0

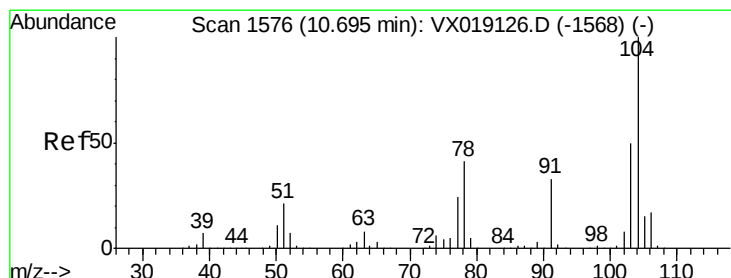
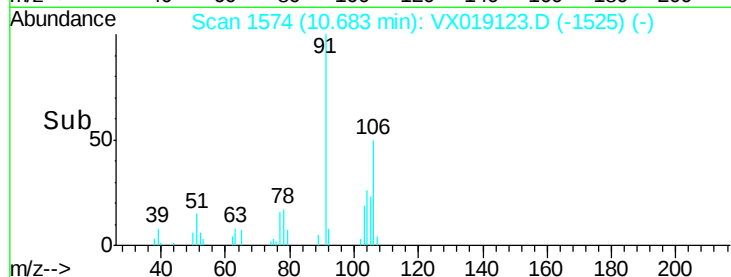
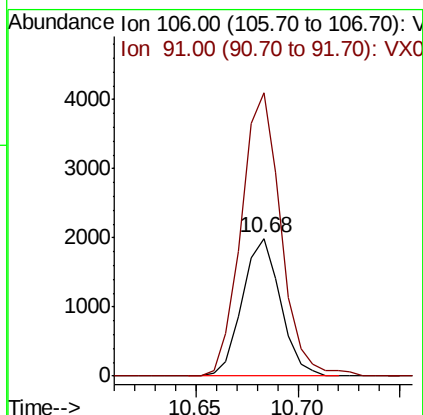
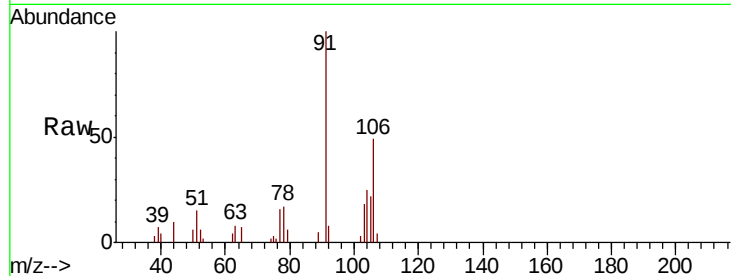




#69
o-Xylene
Concen: 0.871 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

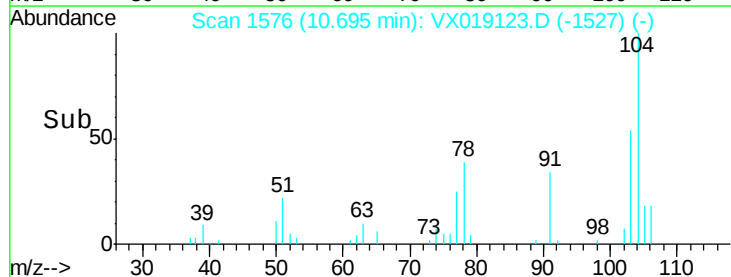
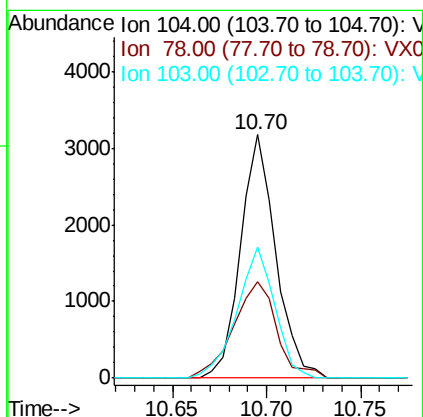
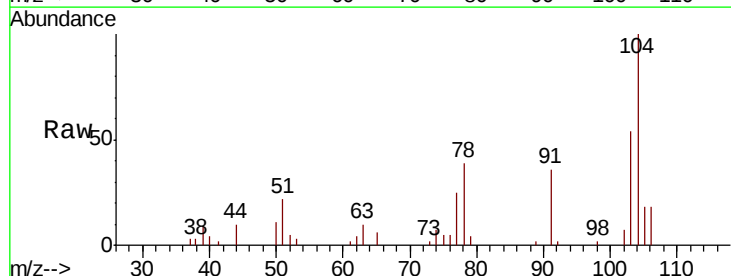
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

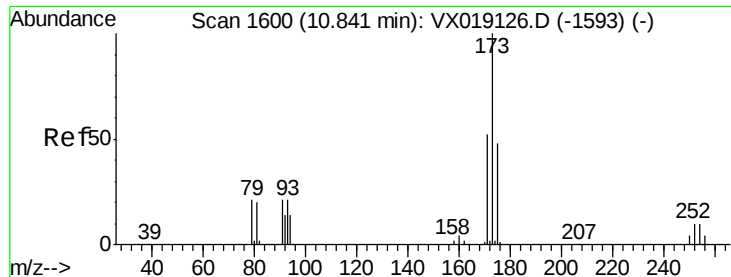
Tot Ion:106 Resp: 2591
Ion Ratio Lower Upper
106 100
91 213.4 104.5 313.3



#70
Styrene
Concen: 0.843 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Tgt Ion:104 Resp: 4111
Ion Ratio Lower Upper
104 100
78 48.7 37.8 56.6
103 57.5 43.7 65.5





#71

Bromoform

Concen: 0.821 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

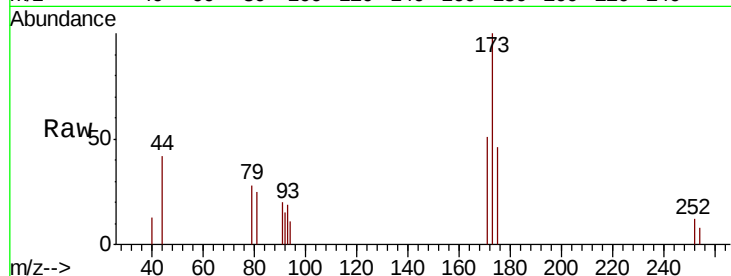
Tot Ion:173 Resp: 1002

Ion Ratio Lower Upper

173 100

175 52.5 24.1 72.3

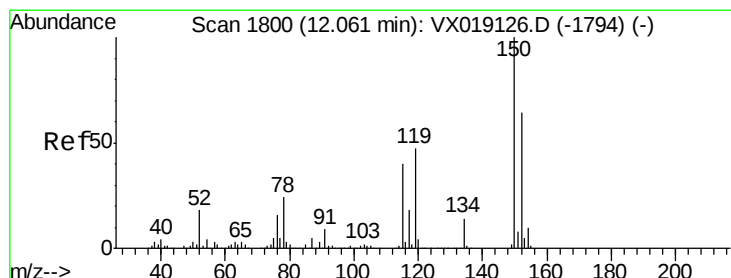
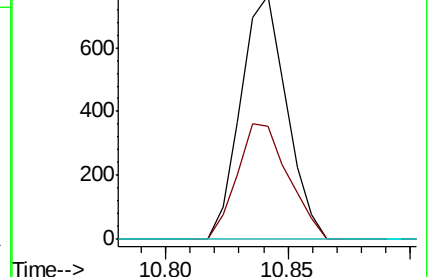
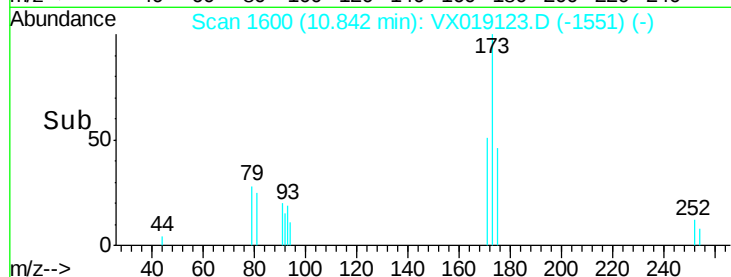
254 0.0 0.1 0.1#



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: VX019123.D

Acq: 26 Oct 2020 17:02

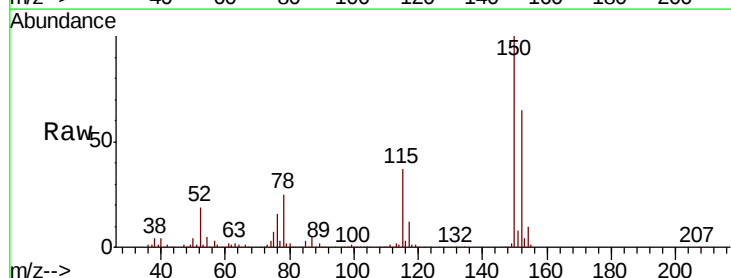
Tgt Ion:152 Resp: 115404

Ion Ratio Lower Upper

152 100

115 57.6 40.8 122.2

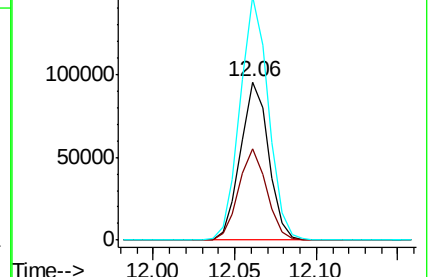
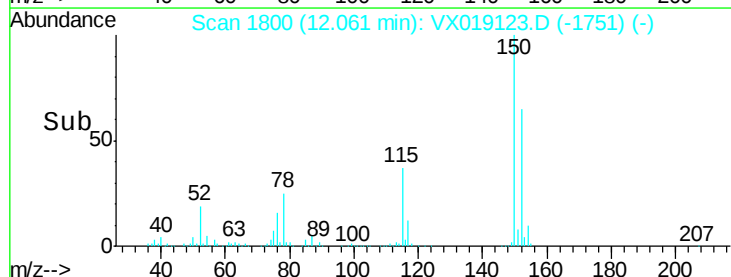
150 154.6 0.0 350.4

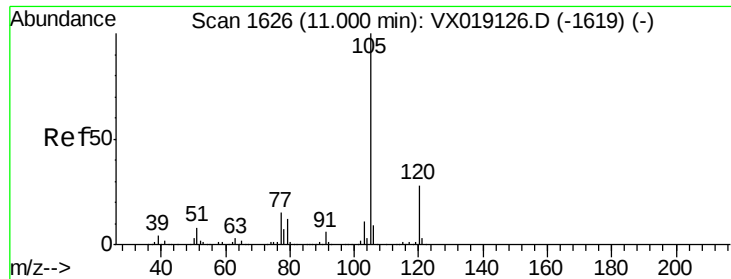


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.930 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

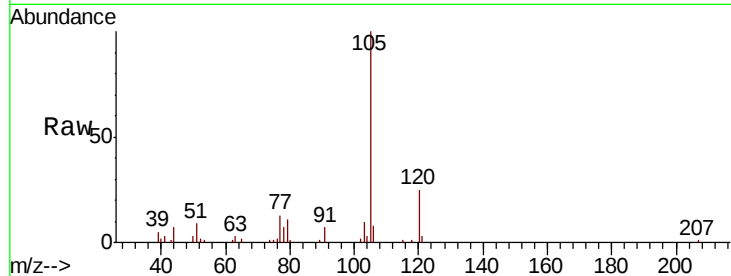
VSTDIC001

Tot Ion:105 Resp: 7137

Ion Ratio Lower Upper

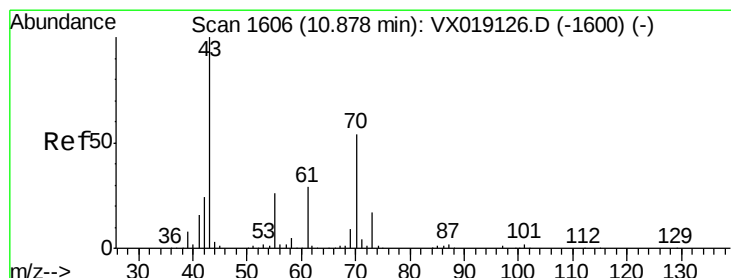
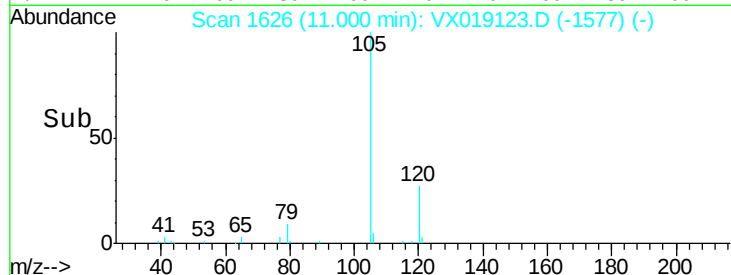
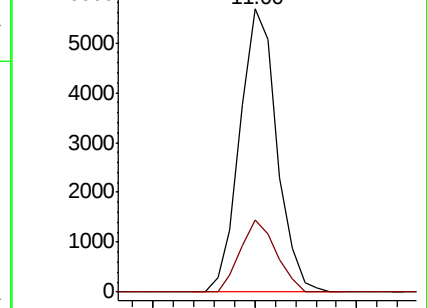
105 100

120 24.6 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.867 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Tgt Ion: 43 Resp: 2036

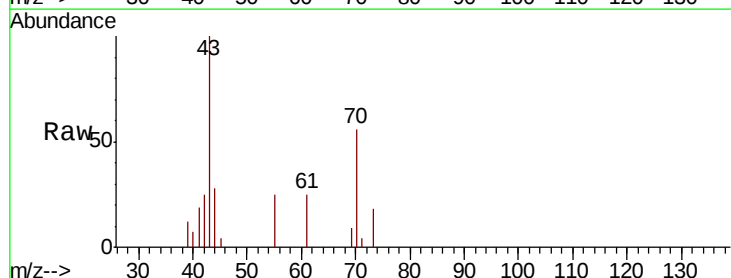
Ion Ratio Lower Upper

43 100

70 54.4 43.9 65.9

55 26.4 21.5 32.3

61 26.5 23.5 35.3

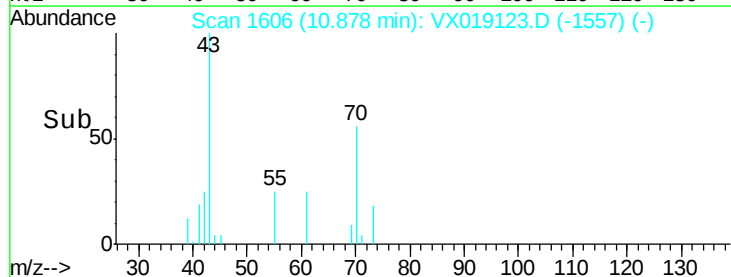
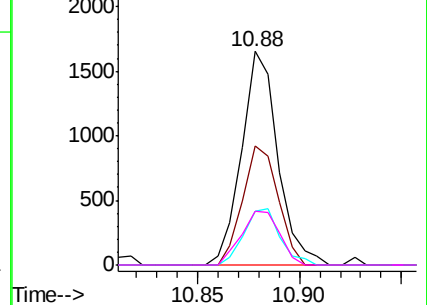


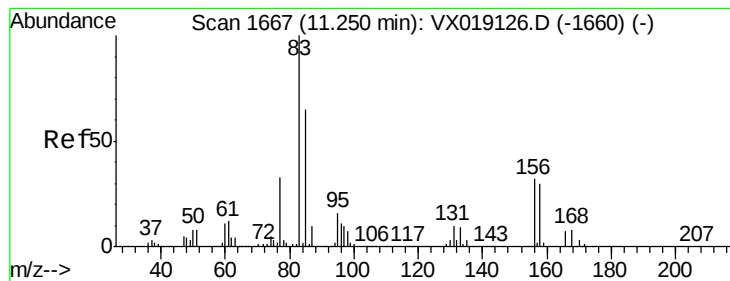
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 0.925 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

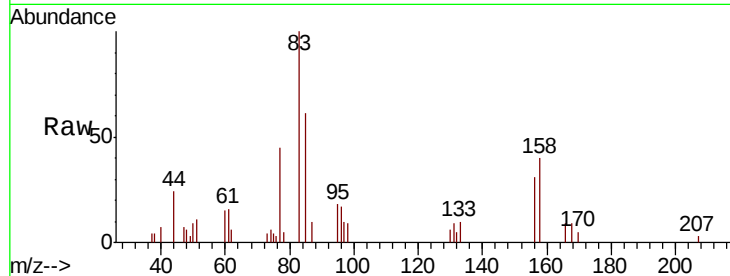
Tot Ion: 83 Resp: 2211

Ion Ratio Lower Upper

83 100

131 7.3 5.1 15.4

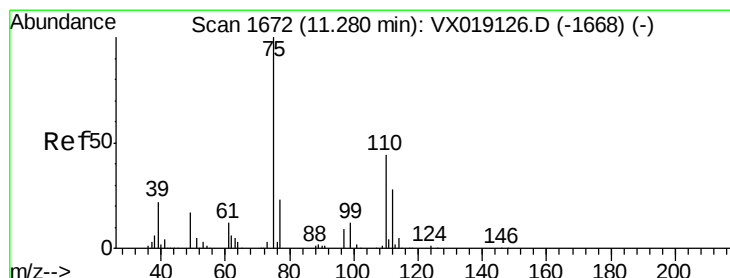
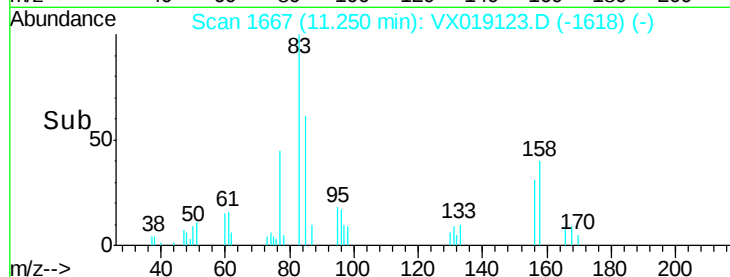
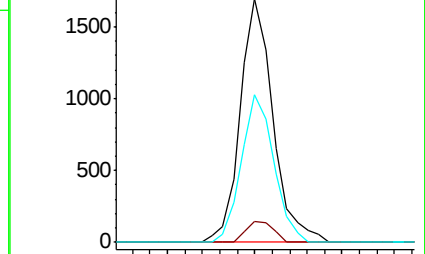
85 60.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 0.941 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019123.D

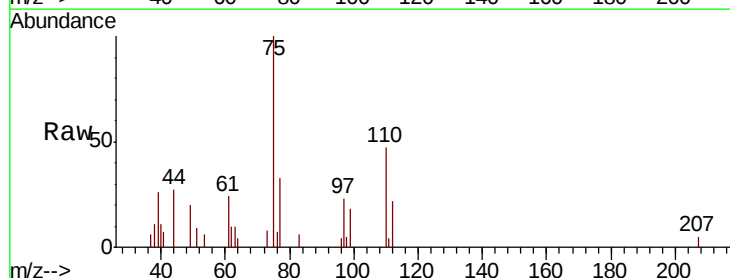
Acq: 26 Oct 2020 17:02

Tgt Ion: 75 Resp: 2385

Ion Ratio Lower Upper

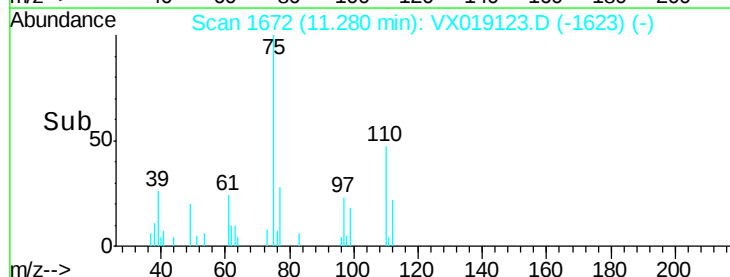
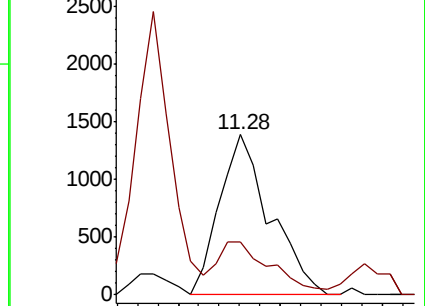
75 100

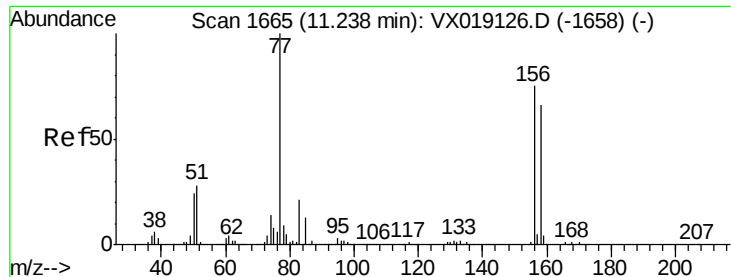
77 36.1 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.949 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

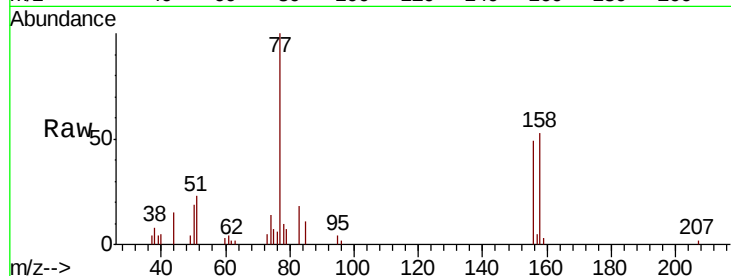
Tot Ion:156 Resp: 1796

Ion Ratio Lower Upper

156 100

77 163.2 71.7 215.0

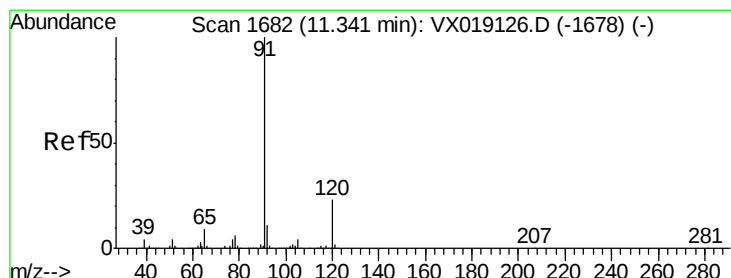
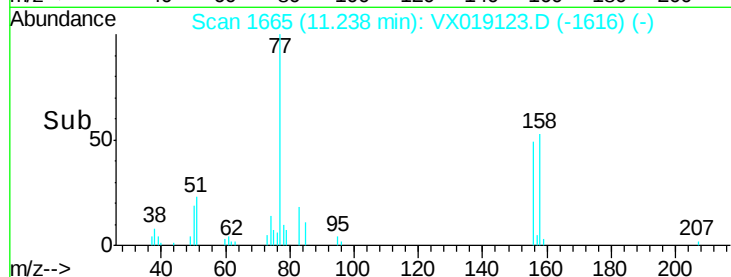
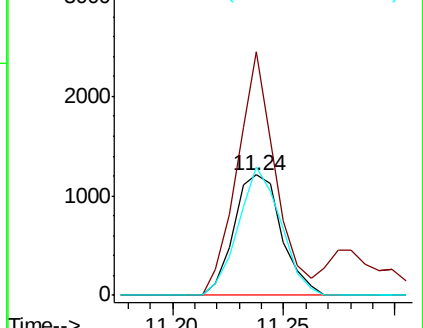
158 96.0 46.9 140.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.921 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019123.D

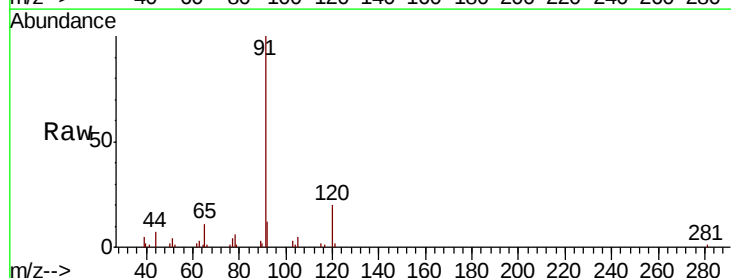
Acq: 26 Oct 2020 17:02

Tgt Ion: 91 Resp: 7882

Ion Ratio Lower Upper

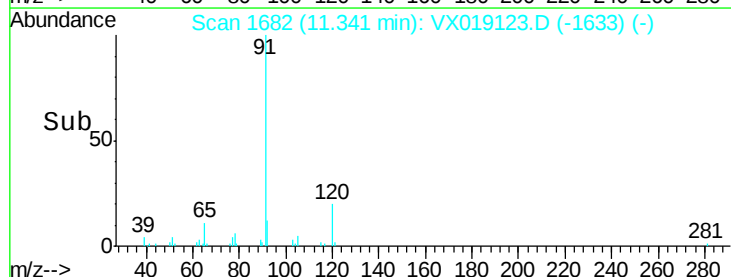
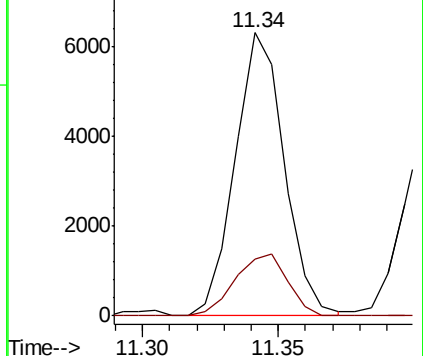
91 100

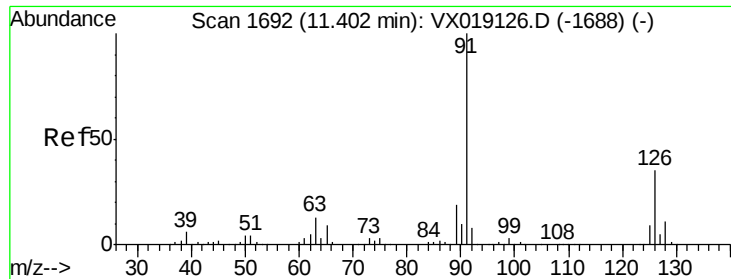
120 23.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

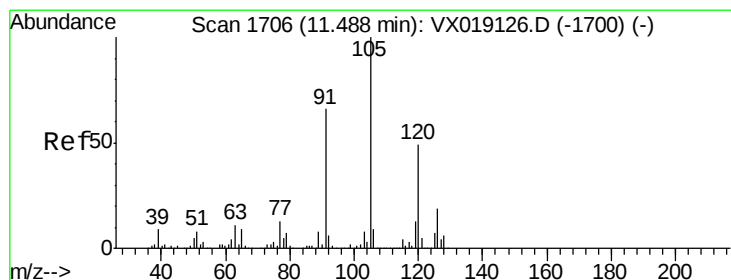
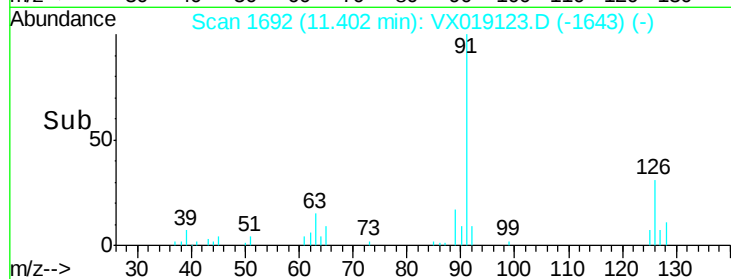
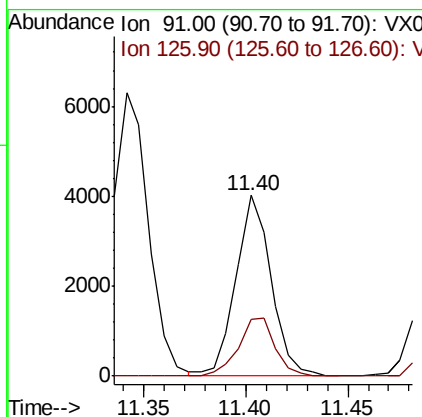
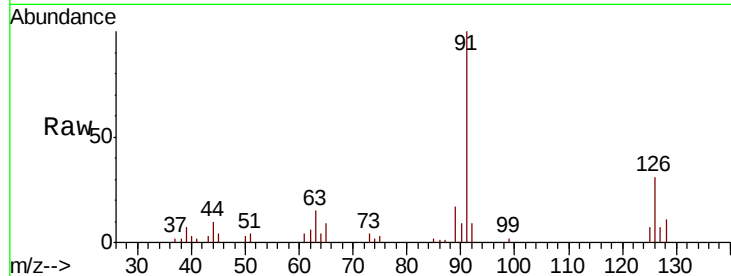




#79
 2-Chlorotoluene
 Concen: 0.963 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019123.D
 Acq: 26 Oct 2020 17:02

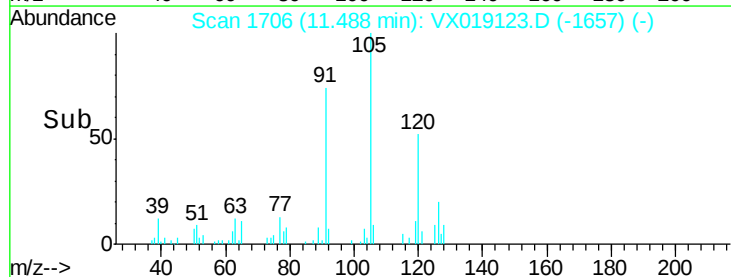
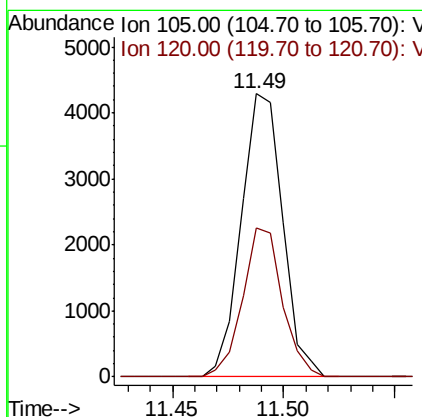
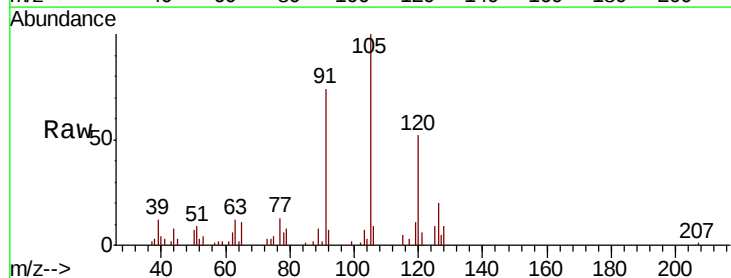
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

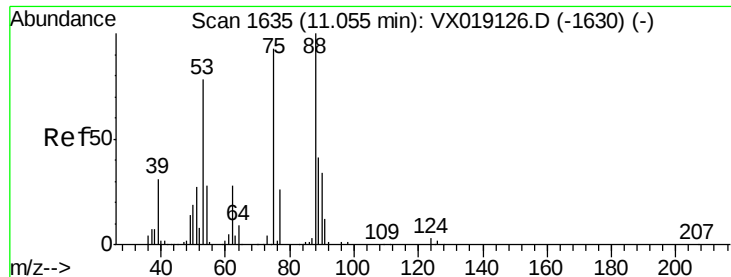
Tot Ion: 91 Resp: 4846
 Ion Ratio Lower Upper
 91 100
 126 33.0 17.8 53.4



#80
 1,3,5-Trimethylbenzene
 Concen: 0.898 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019123.D
 Acq: 26 Oct 2020 17:02

Tgt Ion: 105 Resp: 5564
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 0.847 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

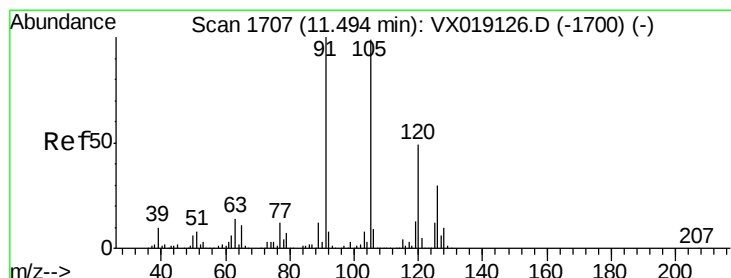
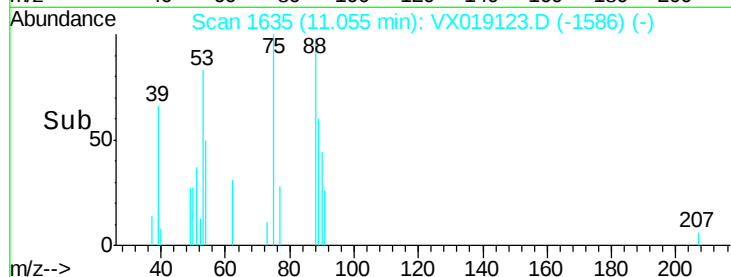
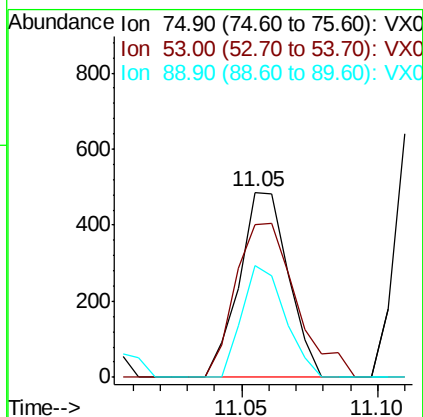
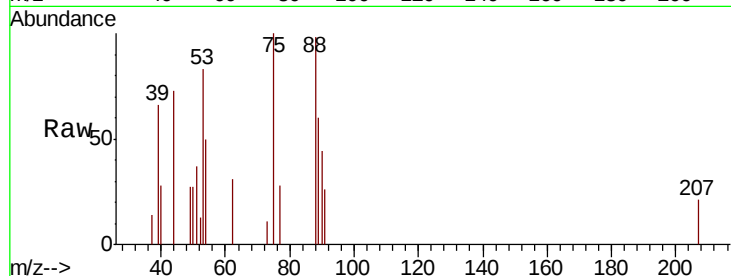
Tot Ion: 75 Resp: 609

Ion Ratio Lower Upper

75 100

53 102.5 67.6 101.4#

89 53.0 38.0 57.0



#82

4-Chlorotoluene

Concen: 0.921 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019123.D

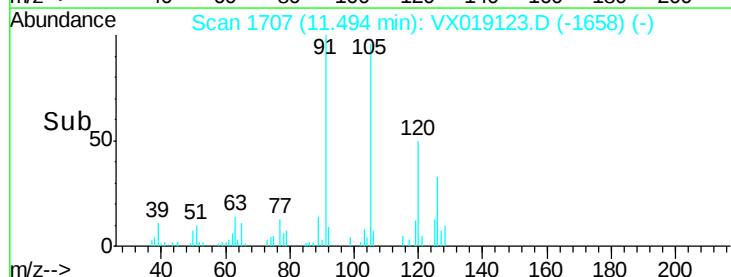
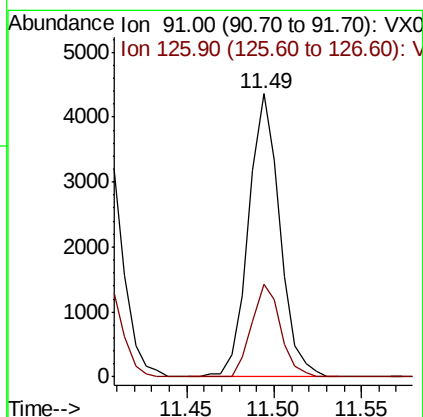
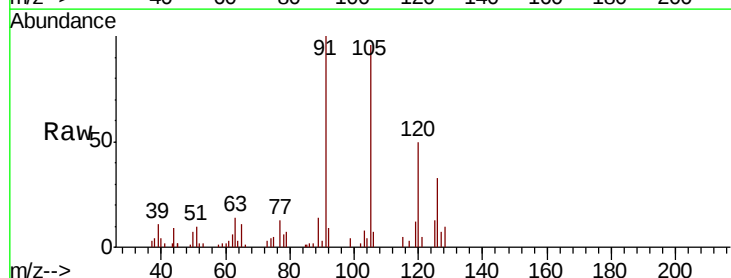
Acq: 26 Oct 2020 17:02

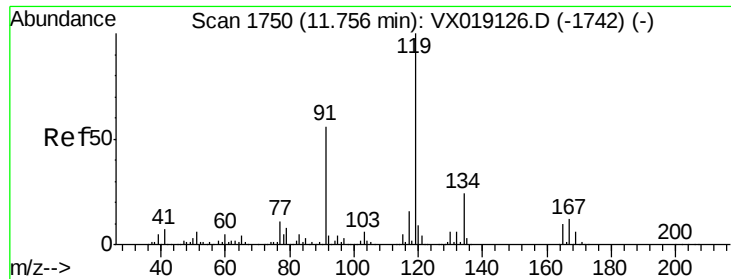
Tgt Ion: 91 Resp: 5449

Ion Ratio Lower Upper

91 100

126 30.4 15.5 46.5

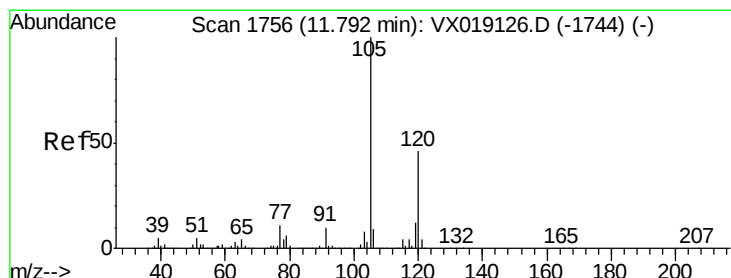
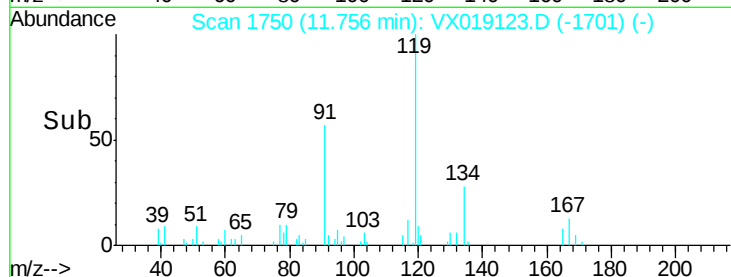
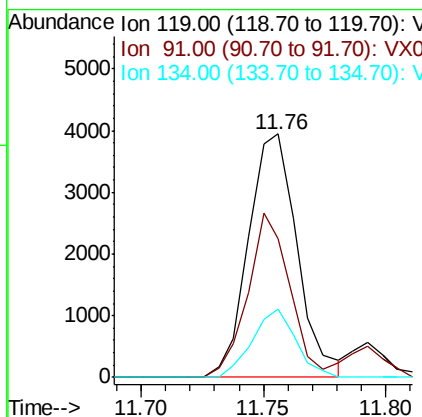
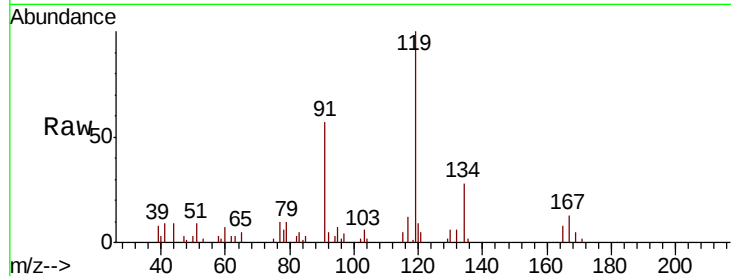




#83
tert-Butylbenzene
Concen: 0.900 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

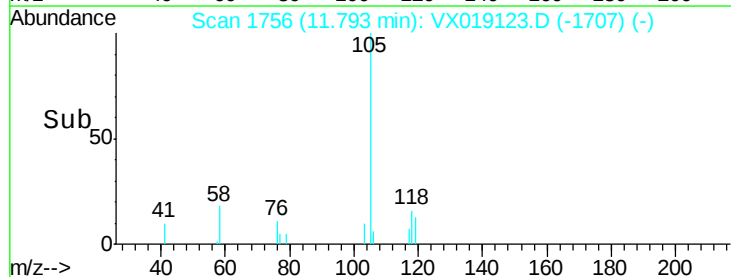
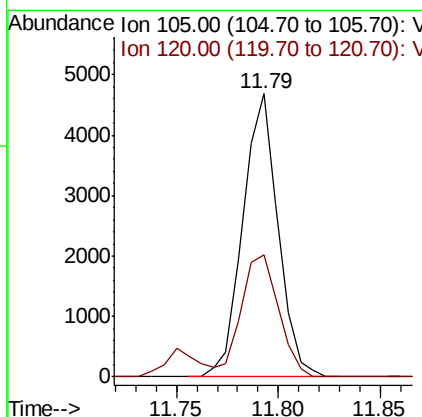
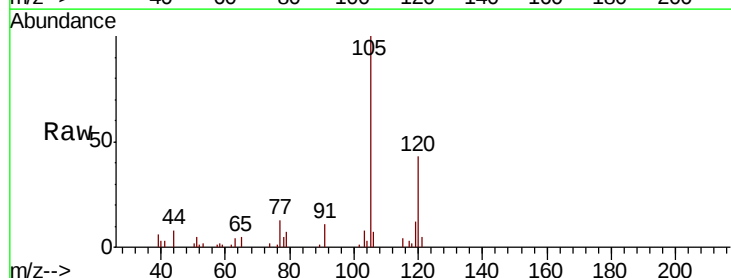
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

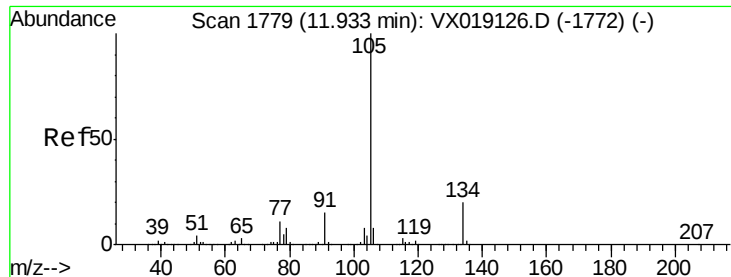
Tot Ion:119 Resp: 5493
Ion Ratio Lower Upper
119 100
91 57.8 27.9 83.6
134 25.1 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 0.891 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Tgt Ion:105 Resp: 5600
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.5





#85

sec-Butylbenzene

Concen: 0.875 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

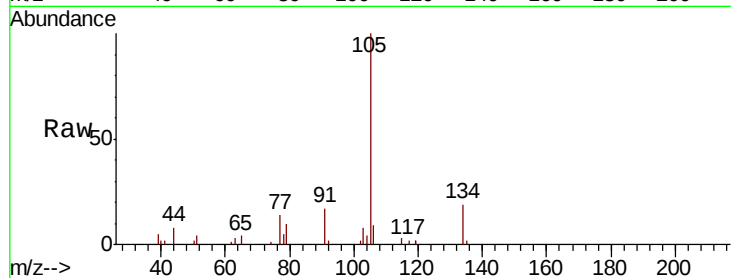
VSTDIC001

Tot Ion:105 Resp: 6412

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

6000

5000

4000

3000

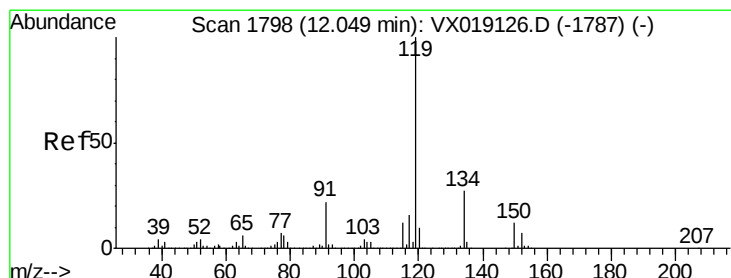
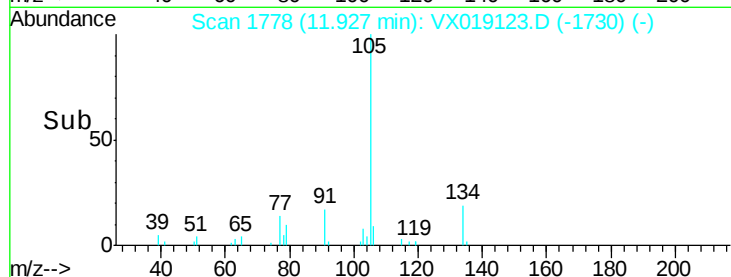
2000

1000

0

Time-->

11.90 11.95



#86

p-Isopropyltoluene

Concen: 0.864 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019123.D

Acq: 26 Oct 2020 17:02

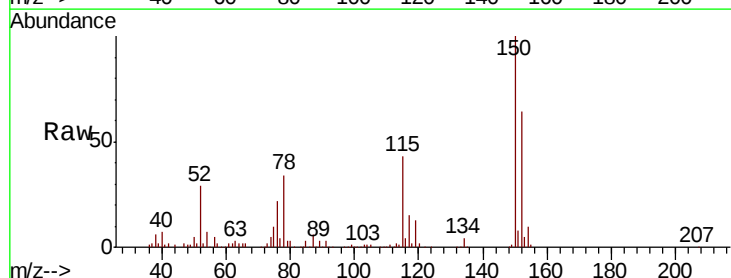
Tgt Ion:119 Resp: 5768

Ion Ratio Lower Upper

119 100

134 30.5 13.4 40.1

91 30.4 11.5 34.5



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

6000

5000

4000

3000

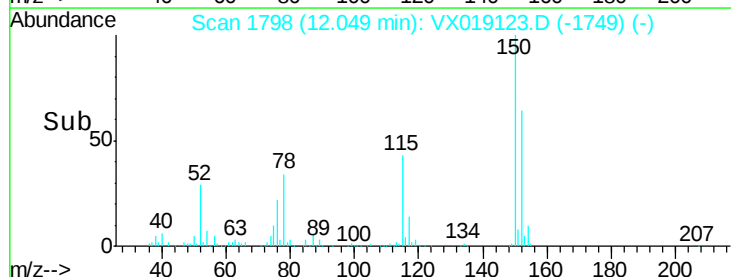
2000

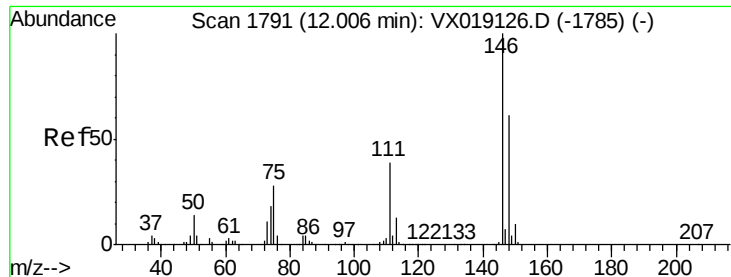
1000

0

Time-->

12.00 12.05 12.10

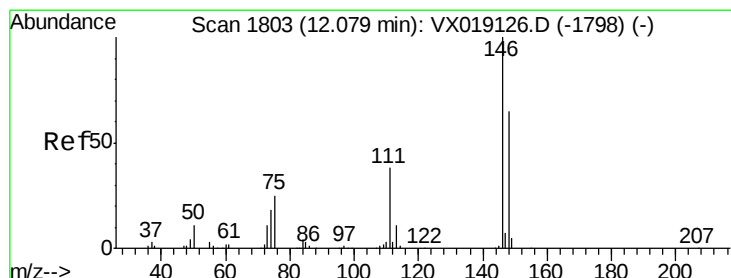
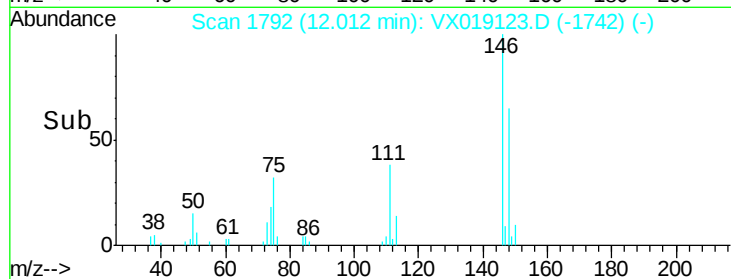
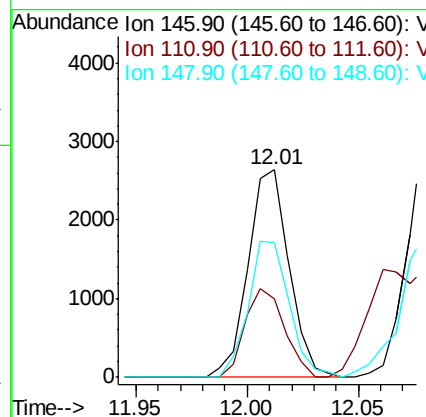
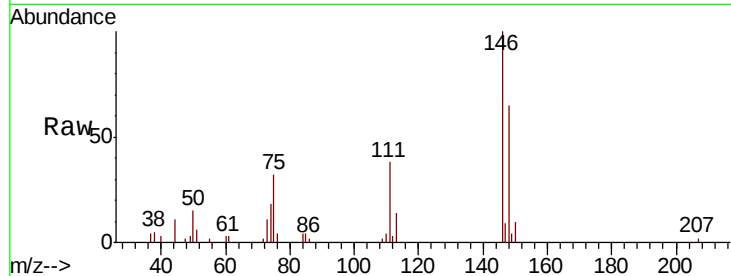




#87
 1,3-Dichlorobenzene
 Concen: 0.967 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019123.D
 Acq: 26 Oct 2020 17:02

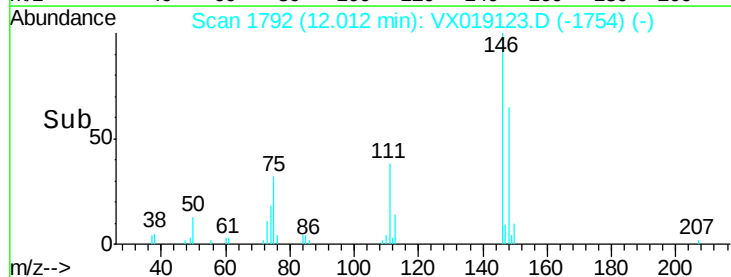
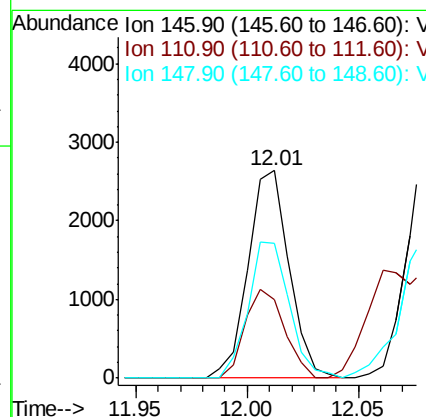
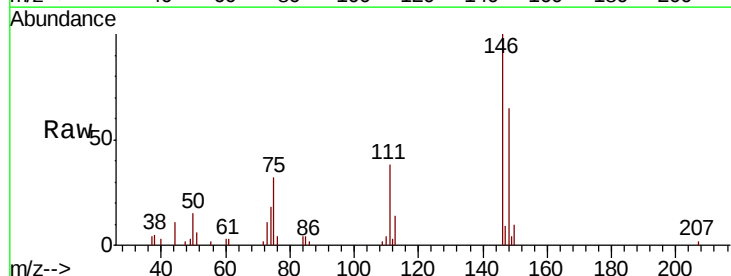
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

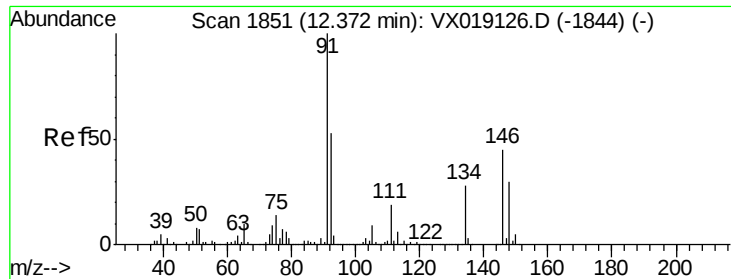
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.5	58.5
148	65.7	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 0.940 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX019123.D
 Acq: 26 Oct 2020 17:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.4	58.1
148	65.7	32.5	97.4

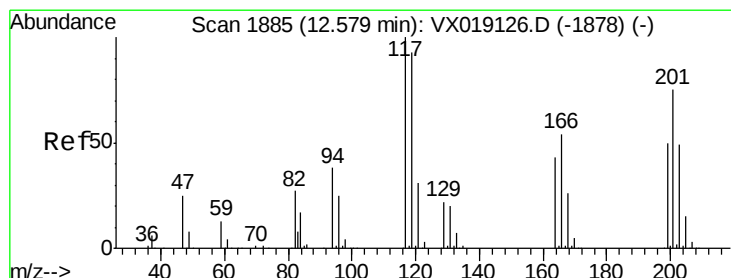
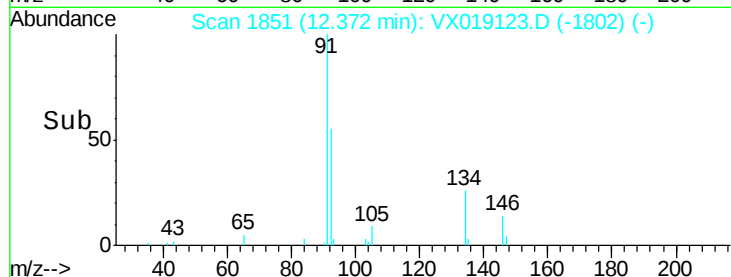
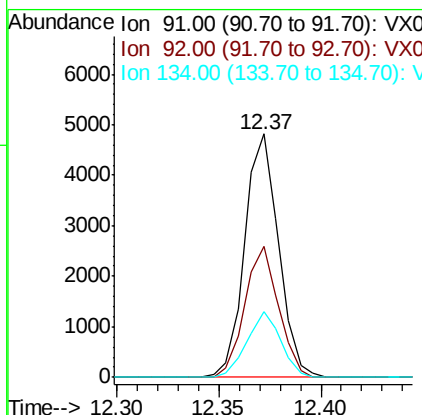
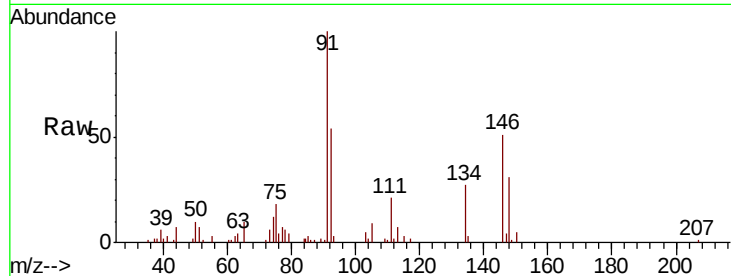




#89
n-Butylbenzene
Concen: 0.908 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

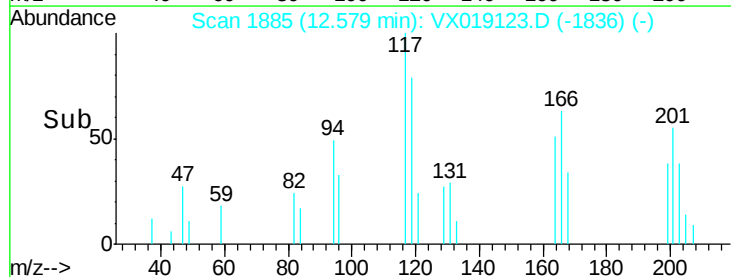
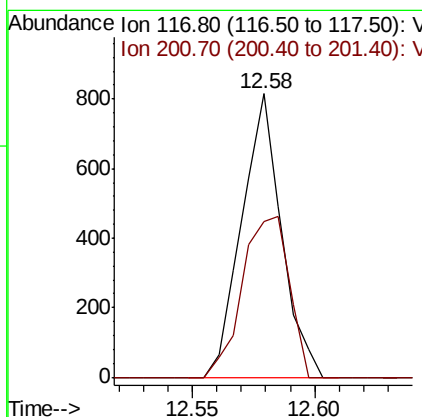
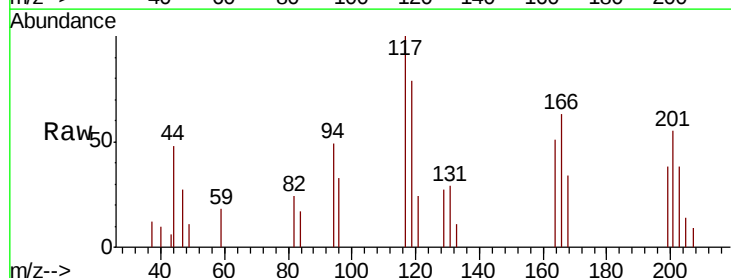
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

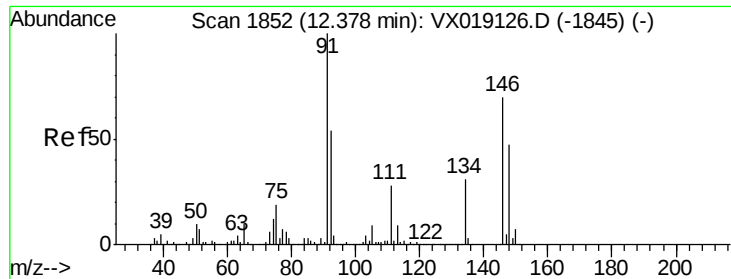
Tot Ion: 91 Resp: 5553
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.4
134 26.9 13.8 41.4



#90
Hexachloroethane
Concen: 0.860 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Tgt Ion: 117 Resp: 920
Ion Ratio Lower Upper
117 100
201 66.6 39.1 117.2

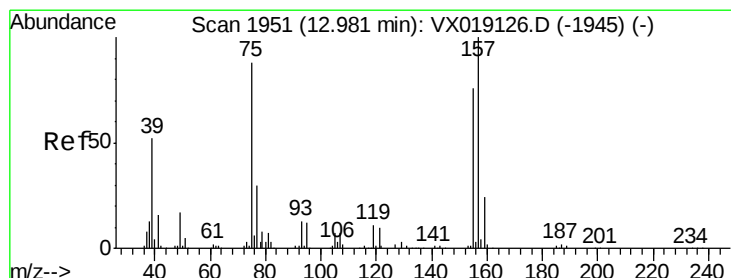
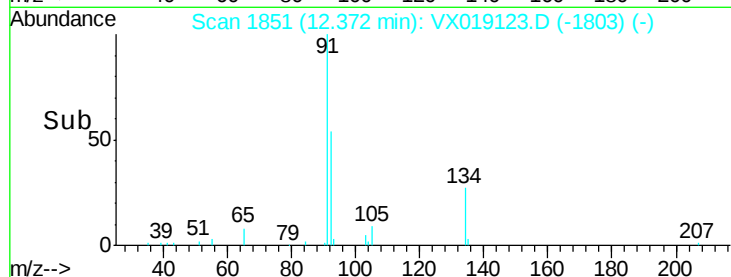
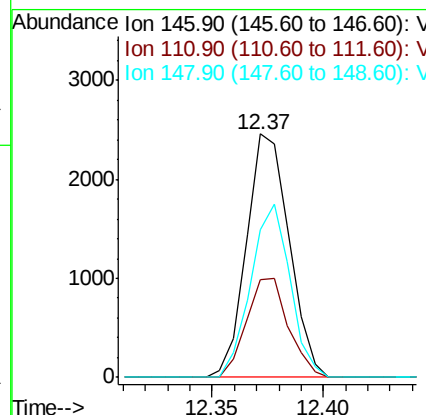
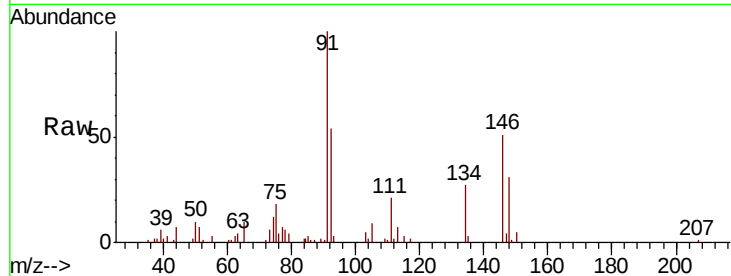




#91
 1,2-Dichlorobenzene
 Concen: 0.948 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019123.D
 Acq: 26 Oct 2020 17:02

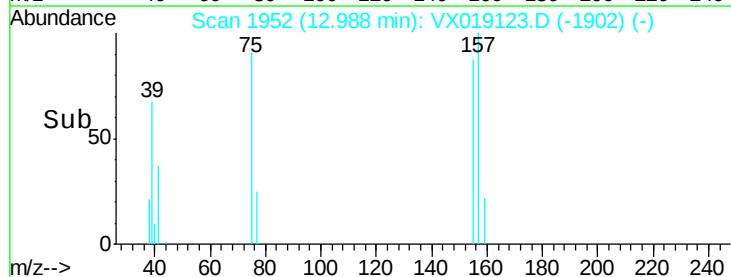
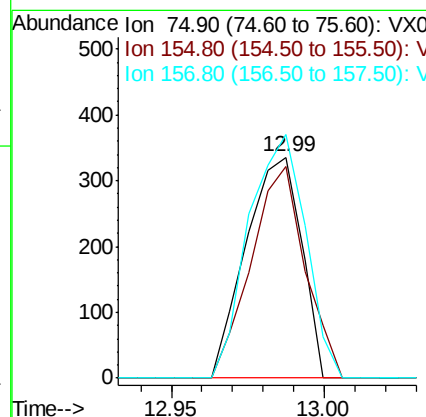
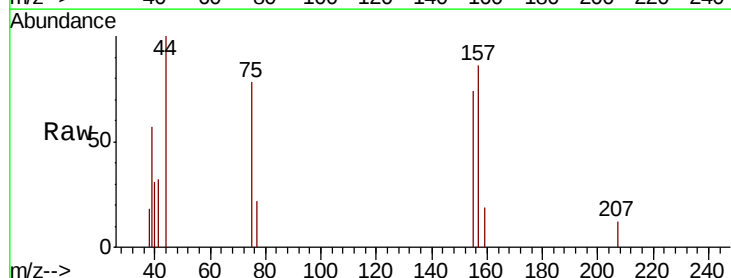
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

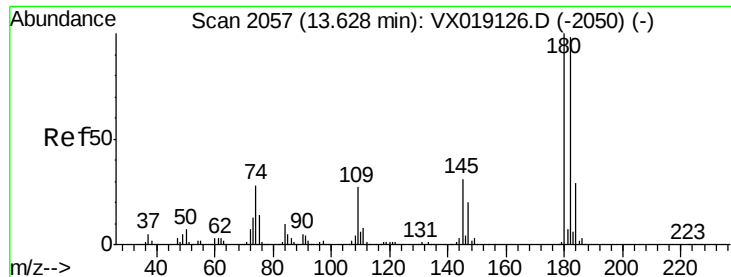
Tot Ion:146 Resp: 3285
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.4 61.3
 148 65.6 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.837 ug/l
 RT: 12.99 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: VX019123.D
 Acq: 26 Oct 2020 17:02

Tgt Ion: 75 Resp: 422
 Ion Ratio Lower Upper
 75 100
 155 93.4 47.1 141.4
 157 113.0 60.1 180.2

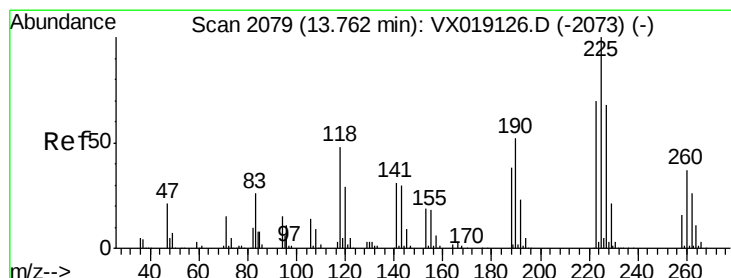
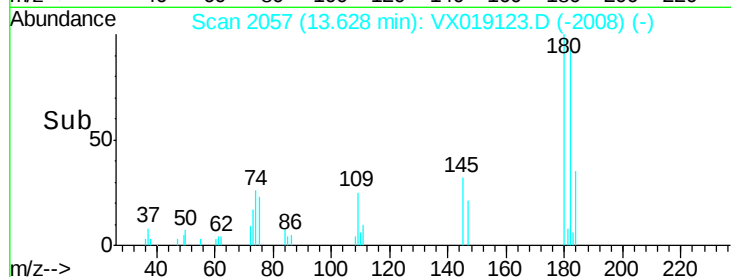
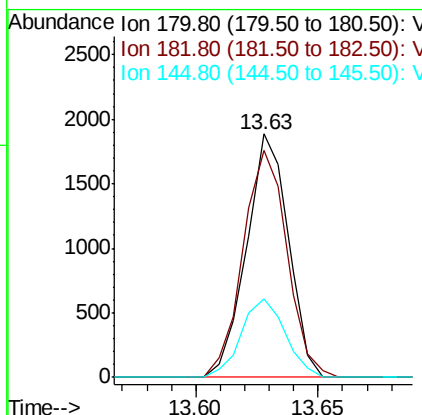
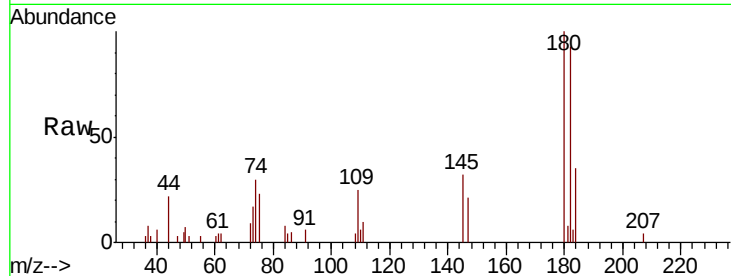




#93
 1,2,4-Trichlorobenzene
 Concen: 0.954 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019123.D
 Acq: 26 Oct 2020 17:02

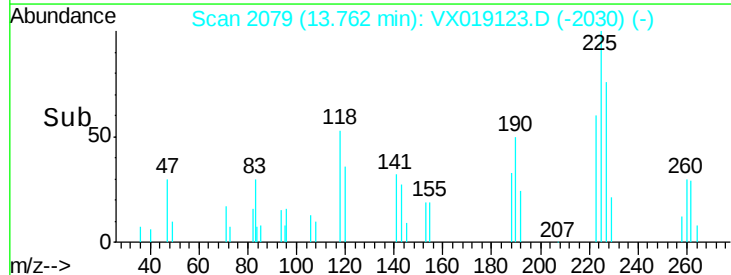
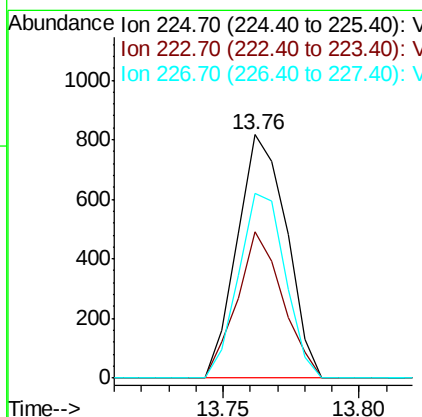
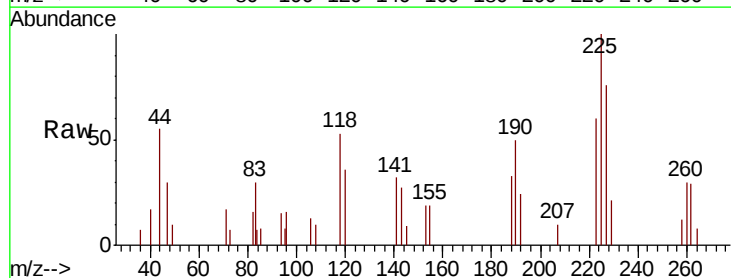
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

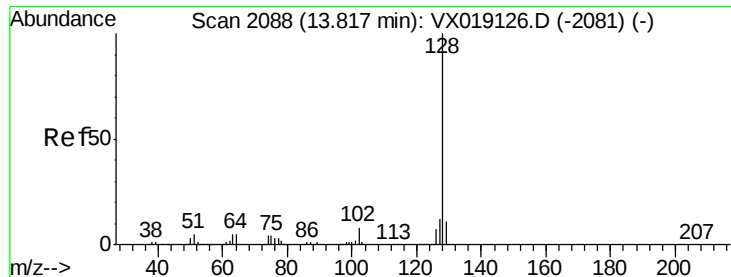
Tot Ion:180 Resp: 2256
 Ion Ratio Lower Upper
 180 100
 182 97.8 47.8 143.4
 145 33.8 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 0.959 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019123.D
 Acq: 26 Oct 2020 17:02

Tgt Ion:225 Resp: 1025
 Ion Ratio Lower Upper
 225 100
 223 55.8 32.1 96.5
 227 72.2 32.0 96.0

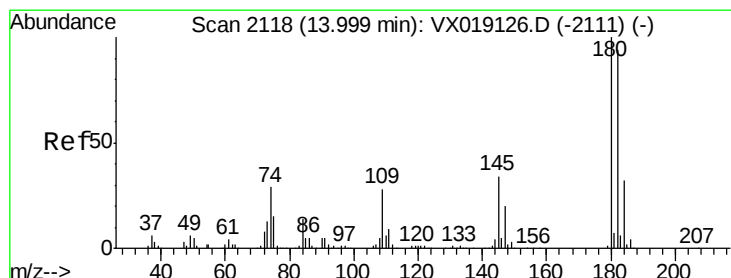
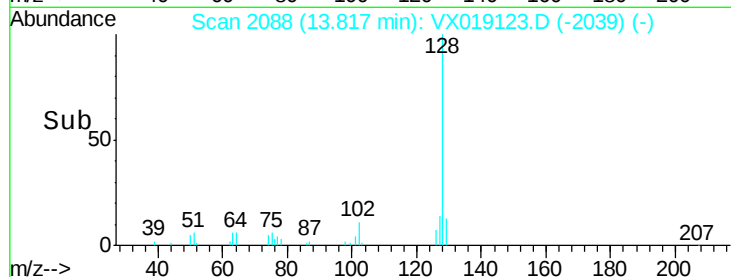
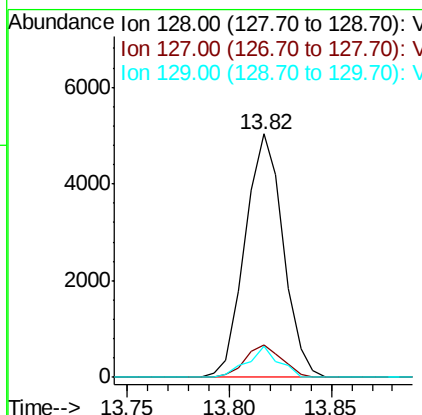
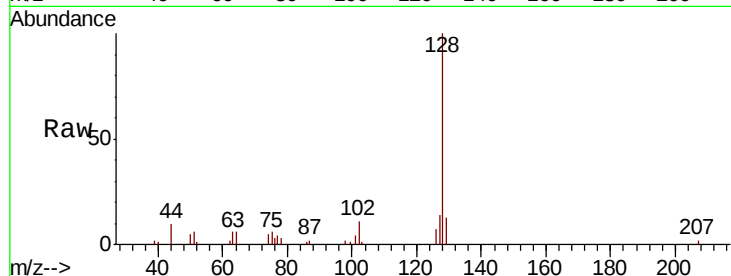




#95
Naphthalene
Concen: 0.886 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:128 Resp: 6543
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.962 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX019123.D
Acq: 26 Oct 2020 17:02

Tgt Ion:180 Resp: 2239
Ion Ratio Lower Upper
180 100
182 88.4 47.6 142.9
145 31.6 15.9 47.7

