

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019488.D
 Acq On : 20 Nov 2020 09:09
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Nov 21 01:38:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:38:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	187498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	299973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	261064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	116028	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	3472	1.43	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	2.86%#
35) Dibromofluoromethane	5.46	113	2046	1.09	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	2.18%#
50) Toluene-d8	8.70	98	7898	1.08	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	2.16%#
62) 4-Bromofluorobenzene	11.12	95	2748	1.04	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	2.08%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	1750	0.960	ug/l 95
3) Chloromethane	1.31	50	2208	1.055	ug/l 92
4) Vinyl Chloride	1.39	62	2182	0.969	ug/l 96
5) Bromomethane	1.62	94	1030	1.207	ug/l 83
6) Chloroethane	1.68	64	721	1.157	ug/l 94
7) Trichlorofluoromethane	1.89	101	3276	1.008	ug/l 94
8) Diethyl Ether	2.17	74	1167	0.896	ug/l 75
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1724	0.951	ug/l # 95
10) Methyl Iodide	2.48	142	1739	0.730	ug/l 96
11) Tert butyl alcohol	3.08	59	2264	4.921	ug/l 100
12) 1,1-Dichloroethene	2.34	96	1848	0.993	ug/l 93
13) Acrolein	2.28	56	1985	6.418	ug/l 92
14) Allyl chloride	2.70	41	3118	1.069	ug/l # 95
15) Acrylonitrile	3.12	53	5189	4.782	ug/l 96
16) Acetone	2.43	43	5004	5.323	ug/l 90
17) Carbon Disulfide	2.53	76	5430	1.086	ug/l 96
18) Methyl Acetate	2.75	43	3187	1.314	ug/l 92
19) Methyl tert-butyl Ether	3.18	73	5992	0.933	ug/l 92
20) Methylene Chloride	2.82	84	2817	1.199	ug/l 91
21) trans-1,2-Dichloroethene	3.13	96	2093	0.992	ug/l # 89
22) Diisopropyl ether	3.83	45	5601	0.928	ug/l # 93
23) Vinyl Acetate	3.78	43	21606	4.270	ug/l 97
24) 1,1-Dichloroethane	3.66	63	3513	0.952	ug/l 94
25) 2-Butanone	4.64	43	6790	4.808	ug/l 92
26) 2,2-Dichloropropane	4.54	77	3285	1.020	ug/l 91
27) cis-1,2-Dichloroethene	4.56	96	2270	0.937	ug/l 38
28) Bromochloromethane	4.98	49	2280	1.292	ug/l # 92
29) Tetrahydrofuran	5.10	42	4608	5.114	ug/l 93
30) Chloroform	5.17	83	3796	0.984	ug/l 97
31) Cyclohexane	5.54	56	2774	0.877	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	3015	0.910	ug/l # 50
36) 1,1-Dichloropropene	5.76	75	2883	1.025	ug/l 94
37) Ethyl Acetate	4.81	43	2308	0.874	ug/l # 68
38) Carbon Tetrachloride	5.75	117	2400	0.882	ug/l # 83

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 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:38:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	3064	0.936	ug/l	98
40) Benzene	6.10	78	8661	1.002	ug/l	96
41) Methacrylonitrile	5.01	41	1522	1.045	ug/l	94
42) 1,2-Dichloroethane	6.16	62	2939	0.992	ug/l	97
43) Isopropyl Acetate	6.41	43	4661	1.050	ug/l #	92
44) Trichloroethene	7.18	130	2234	0.987	ug/l	90
45) 1,2-Dichloropropane	7.49	63	2042	0.960	ug/l	95
46) Dibromomethane	7.64	93	1401	0.962	ug/l	93
47) Bromodichloromethane	7.87	83	2548	0.902	ug/l	86
48) Methyl methacrylate	7.74	41	1815	0.873	ug/l #	91
49) 1,4-Dioxane	7.73	88	794	16.825	ug/l #	84
51) 4-Methyl-2-Pentanone	8.62	43	11803	4.561	ug/l	98
52) Toluene	8.76	92	4840	0.916	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	2570	0.842	ug/l	92
54) cis-1,3-Dichloropropene	8.41	75	3021	0.892	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	1982	0.921	ug/l	92
56) Ethyl methacrylate	9.16	69	2517	0.826	ug/l	91
57) 1,3-Dichloropropane	9.35	76	3402	0.944	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.29	63	10405	5.829	ug/l	98
59) 2-Hexanone	9.48	43	8517	4.339	ug/l	94
60) Dibromochloromethane	9.57	129	1701	0.807	ug/l	96
61) 1,2-Dibromoethane	9.65	107	2039	0.919	ug/l	97
64) Tetrachloroethene	9.32	164	2237	1.090	ug/l	94
65) Chlorobenzene	10.12	112	5173	0.964	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	1767	0.905	ug/l #	61
67) Ethyl Benzene	10.24	91	8602	0.915	ug/l	99
68) m/p-Xylenes	10.34	106	5983	1.708	ug/l	97
69) o-Xylene	10.68	106	2879	0.860	ug/l	94
70) Styrene	10.70	104	4221	0.759	ug/l	94
71) Bromoform	10.84	173	1074	0.752	ug/l #	98
73) Isopropylbenzene	11.00	105	7313	0.911	ug/l	99
74) N-amyl acetate	10.88	43	2554	0.849	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	3070	1.070	ug/l	92
76) 1,2,3-Trichloropropane	11.28	75	3097	1.223	ug/l	85
77) Bromobenzene	11.24	156	2067	1.009	ug/l	98
78) n-propylbenzene	11.34	91	8409	0.913	ug/l	98
79) 2-Chlorotoluene	11.40	91	5327	0.954	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	5706	0.847	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.06	75	640	0.743	ug/l #	73
82) 4-Chlorotoluene	11.49	91	6083	0.925	ug/l	100
83) tert-Butylbenzene	11.76	119	5686	0.873	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	5755	0.845	ug/l	100
85) sec-Butylbenzene	11.93	105	6613	0.853	ug/l	99
86) p-Isopropyltoluene	12.05	119	5880	0.836	ug/l	95
87) 1,3-Dichlorobenzene	12.01	146	3627	0.964	ug/l	95
88) 1,4-Dichlorobenzene	12.01	146	3627	0.936	ug/l	95
89) n-Butylbenzene	12.37	91	5418	0.852	ug/l	98
90) Hexachloroethane	12.58	117	960	0.815	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	3894	1.030	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.98	75	555	0.948	ug/l	85

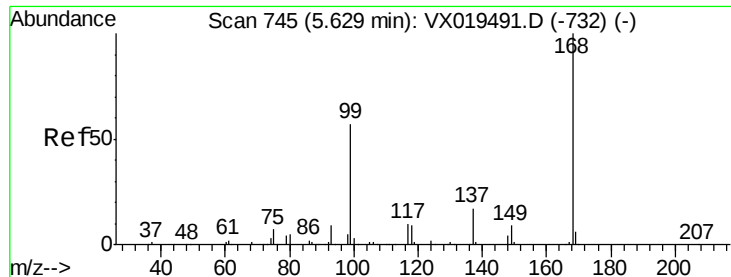
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	2192	0.903	ug/l	94
94) Hexachlorobutadiene	13.76	225	1143	1.034	ug/l	99
95) Naphthalene	13.82	128	5371	0.715	ug/l	97
96) 1,2,3-Trichlorobenzene	14.00	180	2157	0.889	ug/l	94

(#) = 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: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

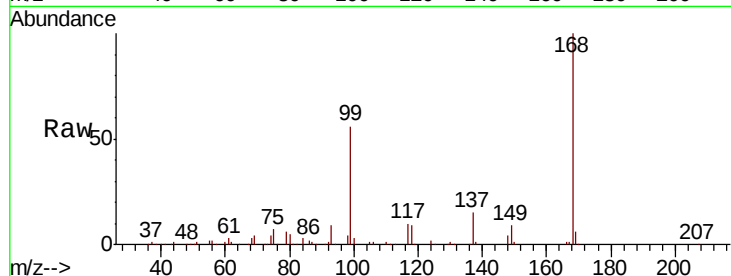
VSTDIC001

Tot Ion:168 Resp: 187498

Ion Ratio Lower Upper

168 100

99 55.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

60000

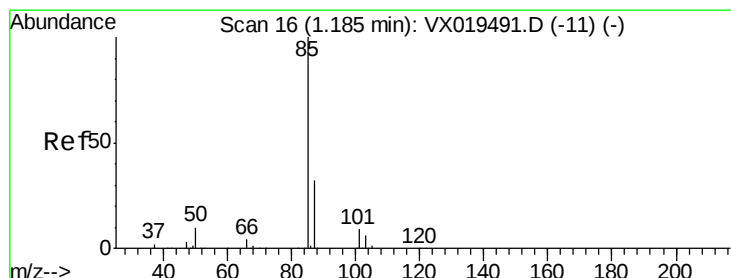
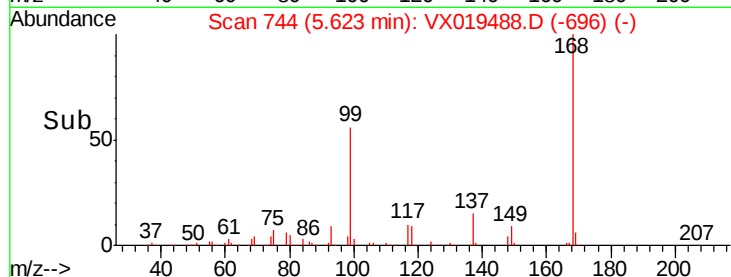
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.960 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX019488.D

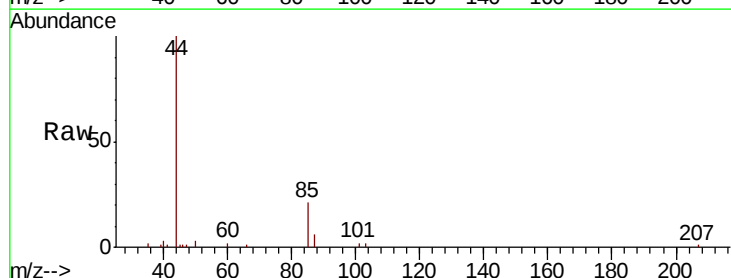
Acq: 20 Nov 2020 09:09

Tgt Ion: 85 Resp: 1750

Ion Ratio Lower Upper

85 100

87 29.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

1500

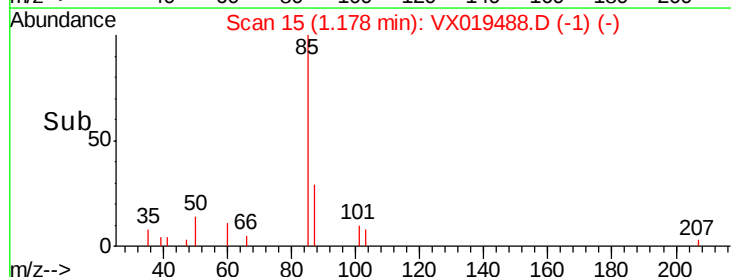
1000

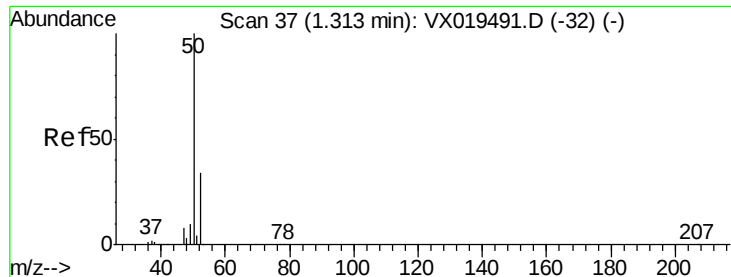
500

0

1.15 1.20

Time-->





#3

Chloromethane

Concen: 1.055 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

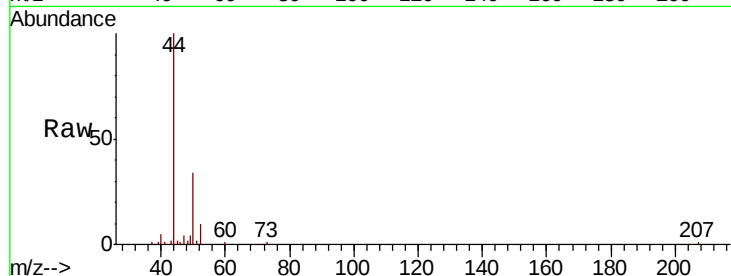
VSTDIC001

Tot Ion: 50 Resp: 2208

Ion Ratio Lower Upper

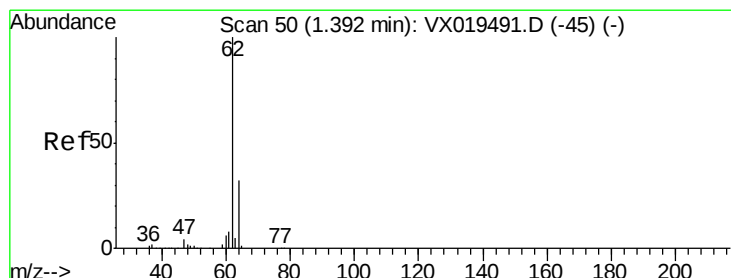
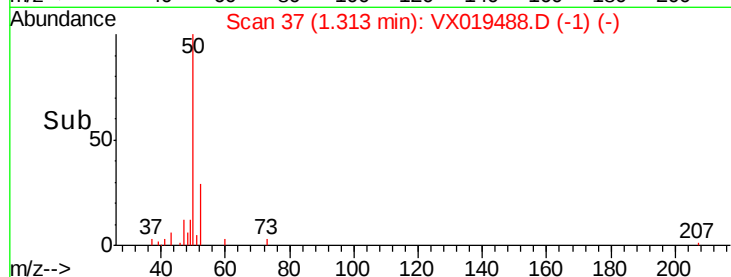
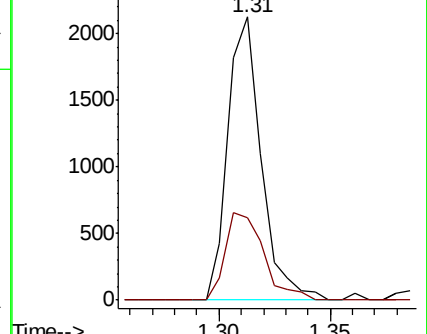
50 100

52 29.3 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.969 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019488.D

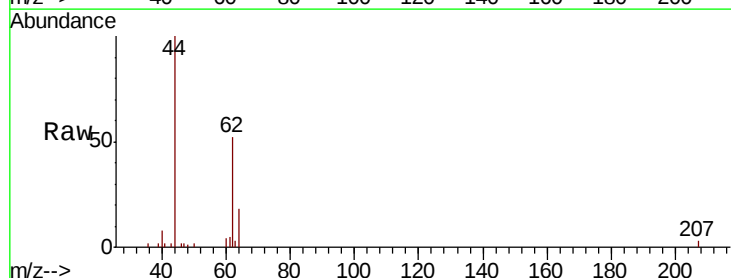
Acq: 20 Nov 2020 09:09

Tgt Ion: 62 Resp: 2182

Ion Ratio Lower Upper

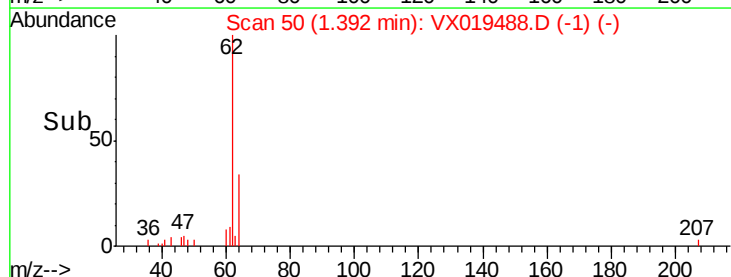
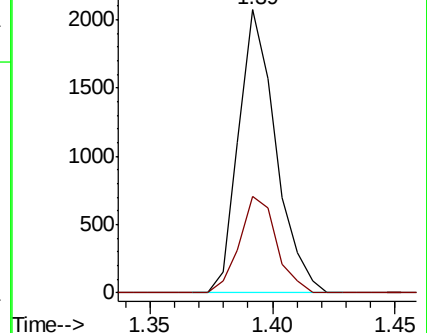
62 100

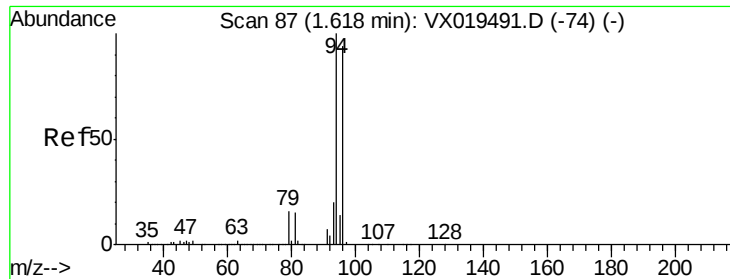
64 34.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.207 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

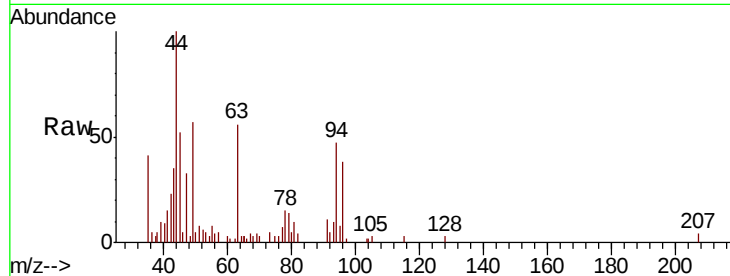
VSTDIC001

Tot Ion: 94 Resp: 1030

Ion Ratio Lower Upper

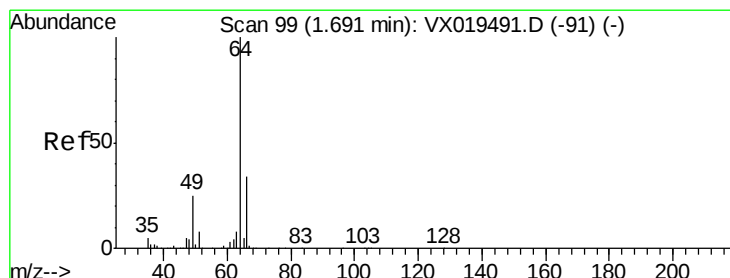
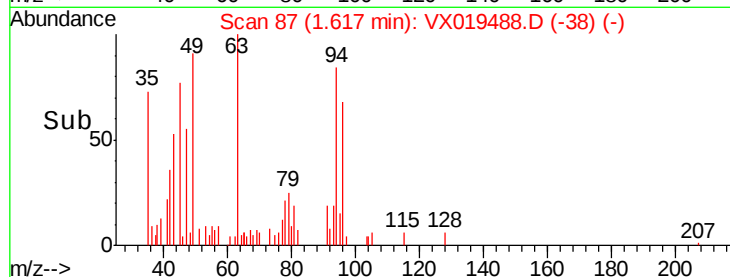
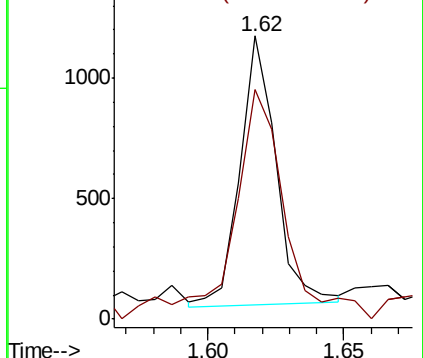
94 100

96 78.3 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.157 ug/l

RT: 1.68 min Scan# 98

Delta R.T. -0.01 min

Lab File: VX019488.D

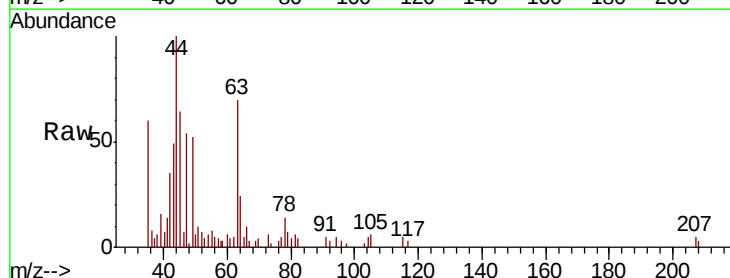
Acq: 20 Nov 2020 09:09

Tgt Ion: 64 Resp: 721

Ion Ratio Lower Upper

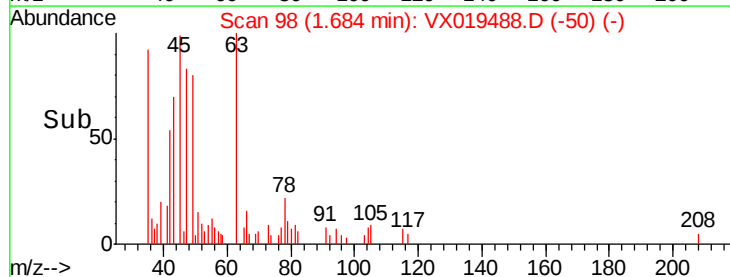
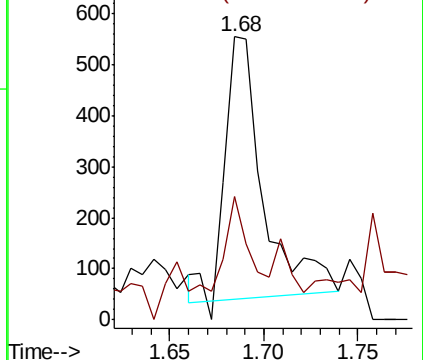
64 100

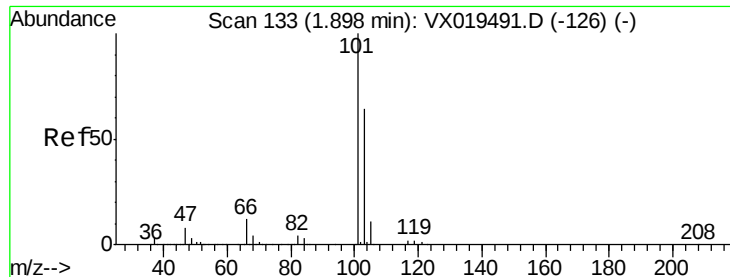
66 37.1 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



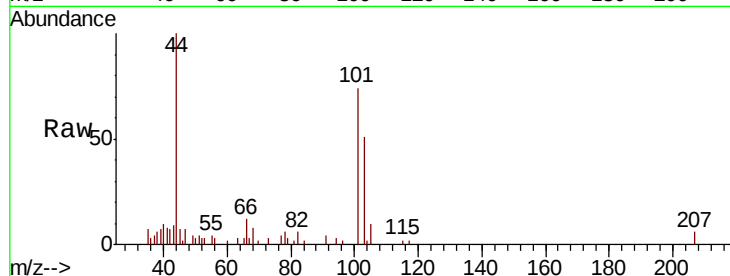


#7

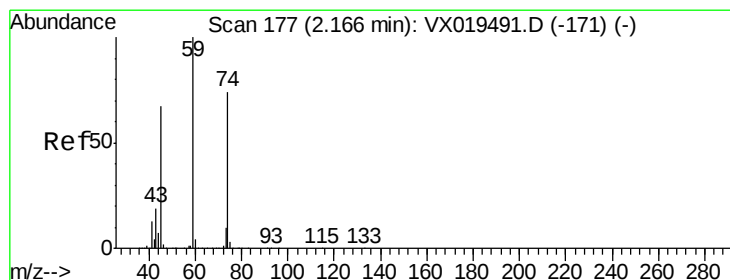
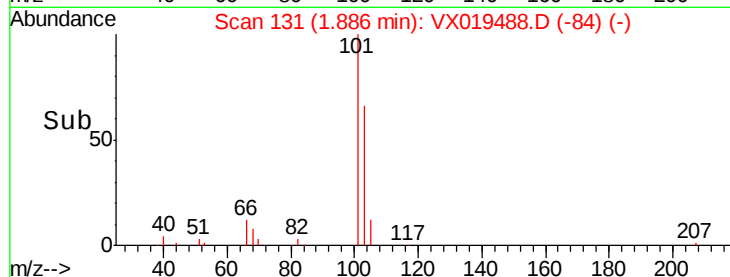
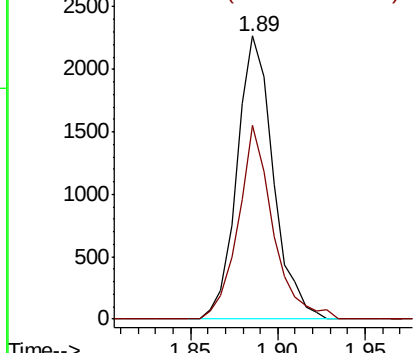
Trichlorofluoromethane
Concen: 1.008 ug/l
RT: 1.89 min Scan# 131
Delta R.T. -0.01 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:101 Resp: 3276
Ion Ratio Lower Upper
101 100
103 68.4 50.9 76.3



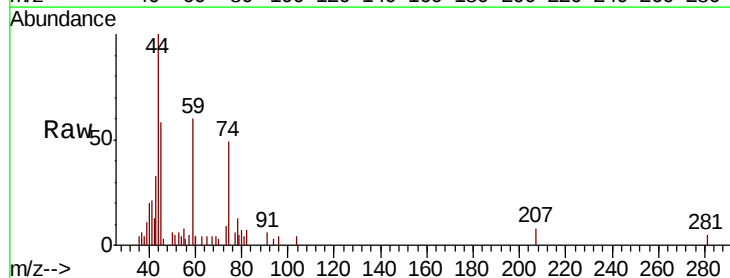
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



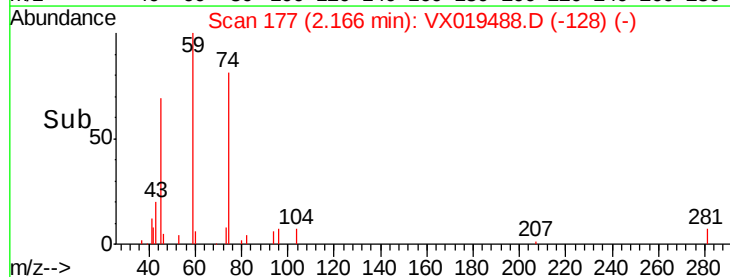
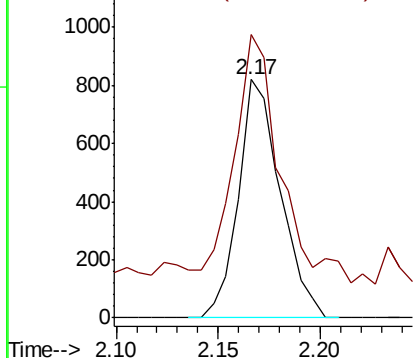
#8

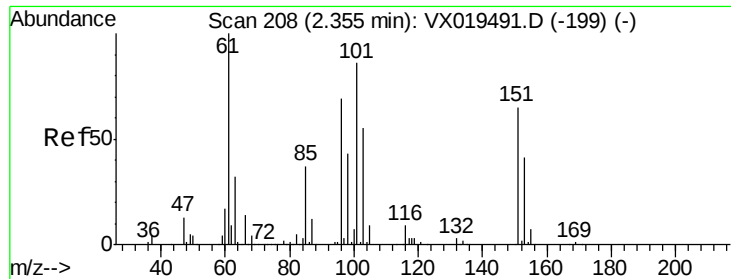
Diethyl Ether
Concen: 0.896 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Tgt Ion: 74 Resp: 1167
Ion Ratio Lower Upper
74 100
45 112.6 44.4 133.2



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: 0.951 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

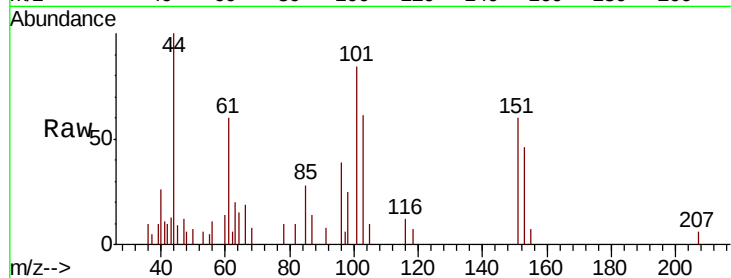
Tot Ion:101 Resp: 1724

Ion Ratio Lower Upper

101 100

85 51.0 33.9 50.9#

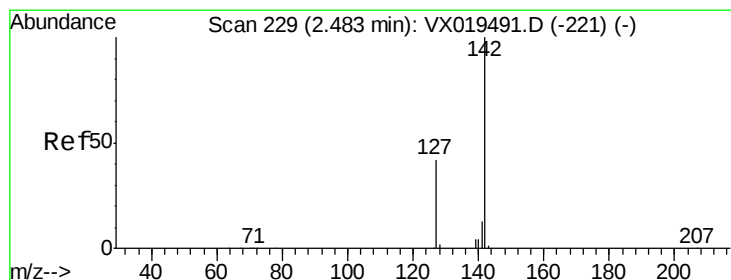
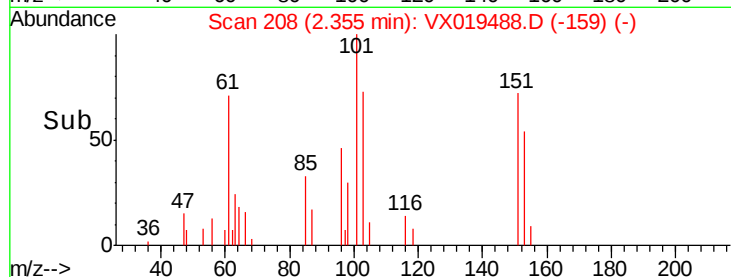
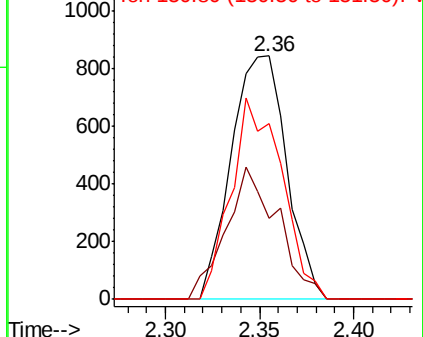
151 76.0 60.9 91.3



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: 0.730 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

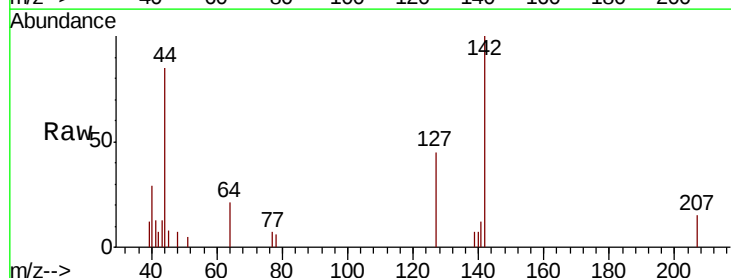
Tgt Ion:142 Resp: 1739

Ion Ratio Lower Upper

142 100

127 44.7 33.8 50.6

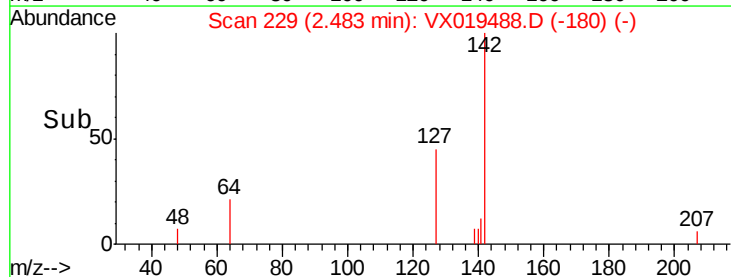
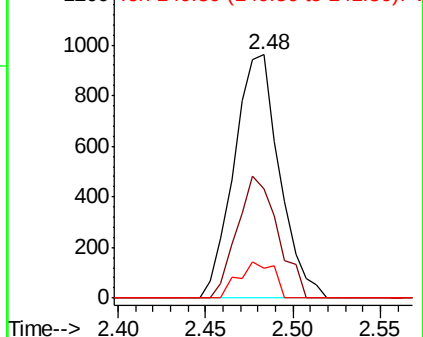
141 11.5 11.0 16.6

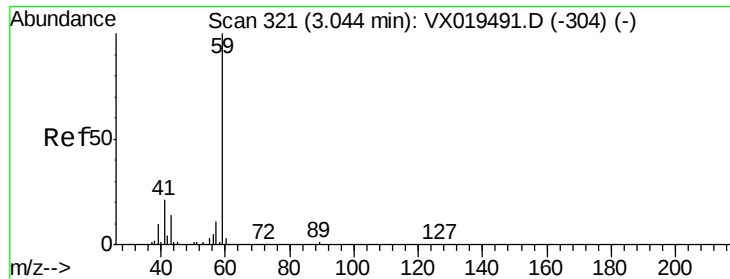


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



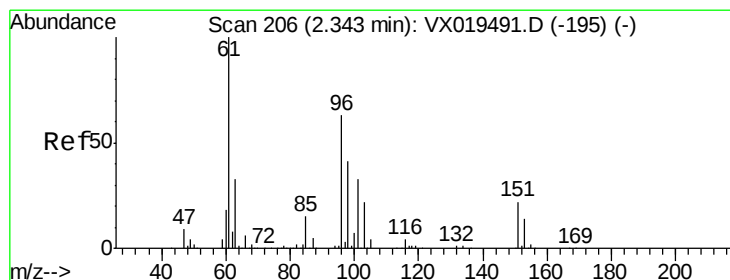
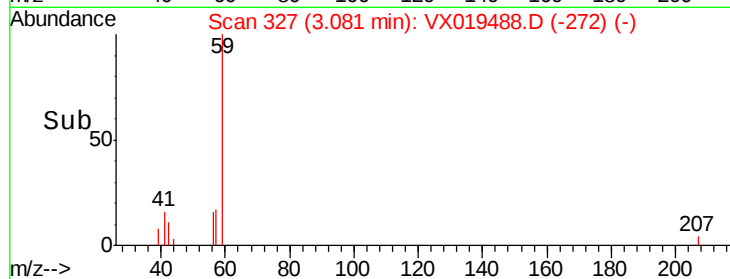
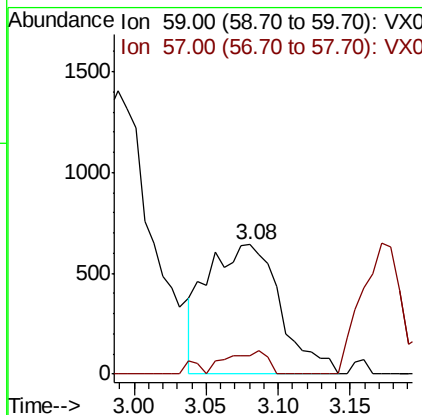
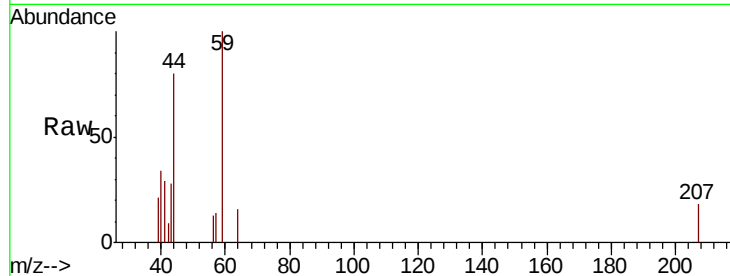


#11

Tert butyl alcohol
 Concen: 4.921 ug/l
 RT: 3.08 min Scan# 327
 Delta R.T. 0.04 min
 Lab File: VX019488.D
 Acq: 20 Nov 2020 09:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

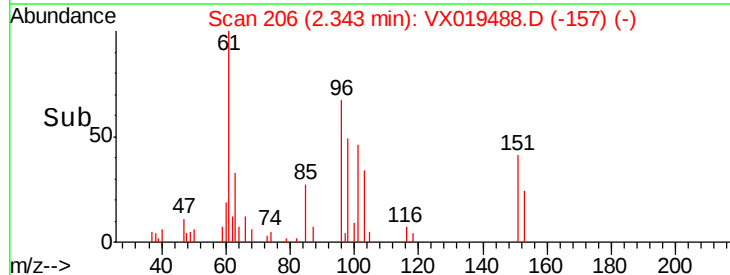
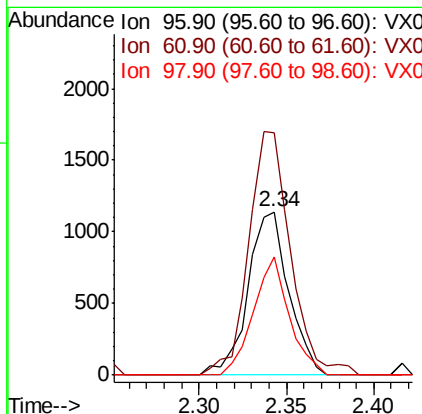
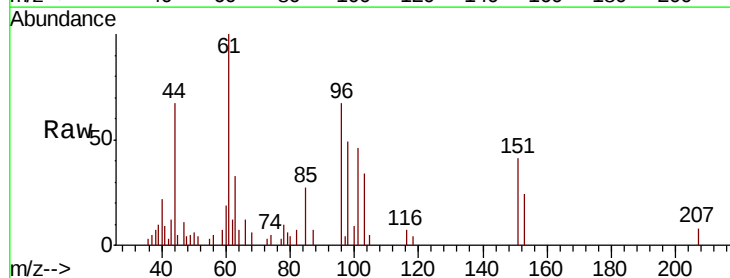
Tot Ion: 59 Resp: 2264
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.9 11.9

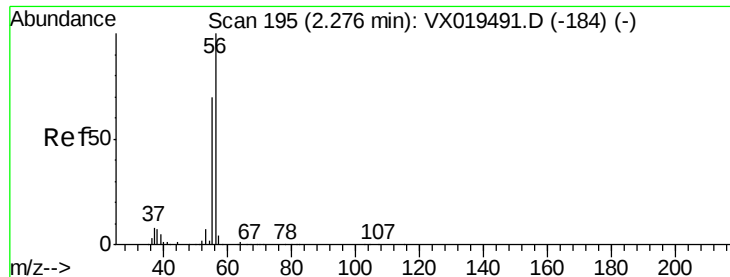


#12

1,1-Dichloroethene
 Concen: 0.993 ug/l
 RT: 2.34 min Scan# 206
 Delta R.T. -0.00 min
 Lab File: VX019488.D
 Acq: 20 Nov 2020 09:09

Tgt Ion: 96 Resp: 1848
 Ion Ratio Lower Upper
 96 100
 61 148.9 126.0 189.0
 98 72.5 52.0 78.0





#13

Acrolein

Concen: 6.418 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

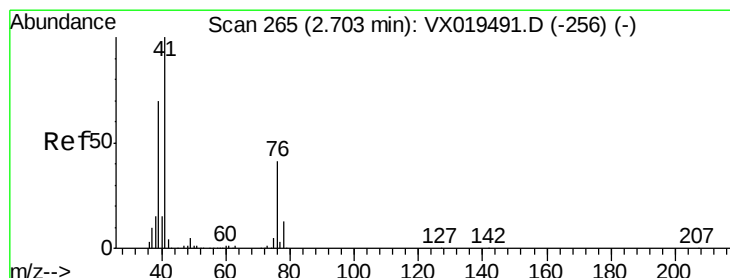
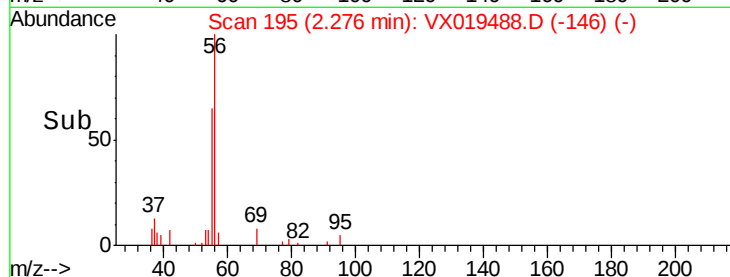
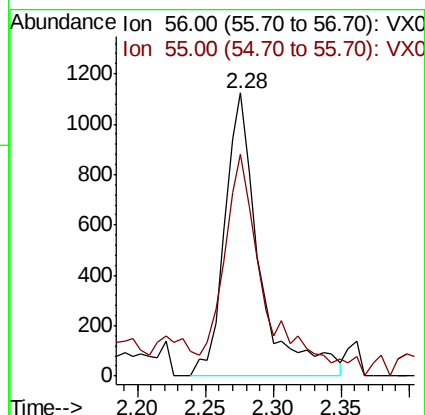
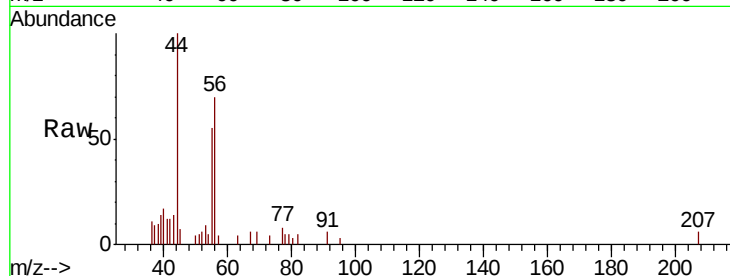
VSTDIC001

Tot Ion: 56 Resp: 1985

Ion Ratio Lower Upper

56 100

55 75.9 55.5 83.3



#14

Allyl chloride

Concen: 1.069 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

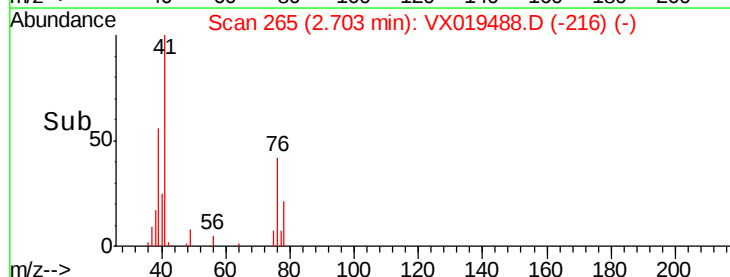
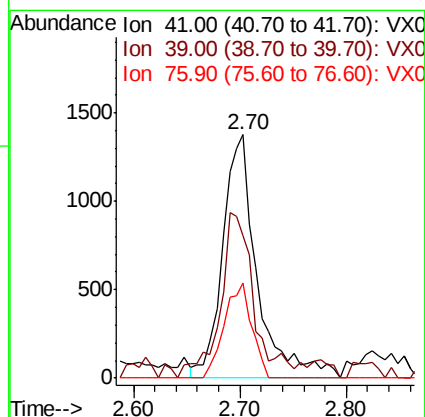
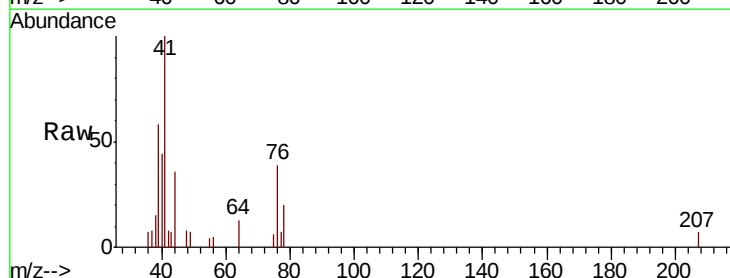
Tgt Ion: 41 Resp: 3118

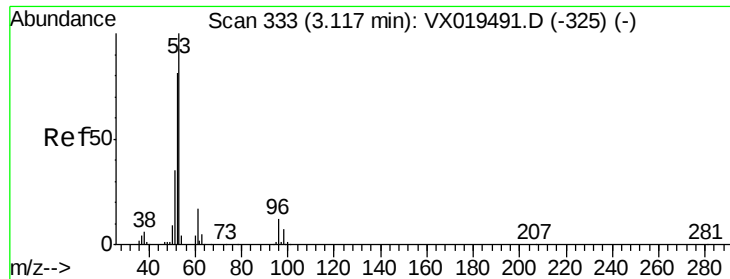
Ion Ratio Lower Upper

41 100

39 66.1 53.0 79.4

76 31.0 31.0 46.6#

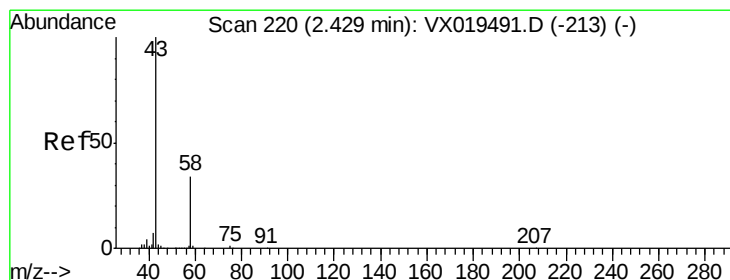
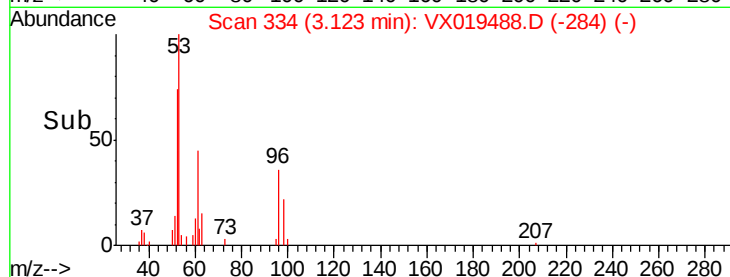
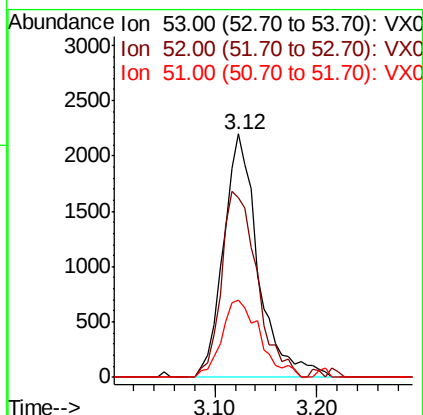
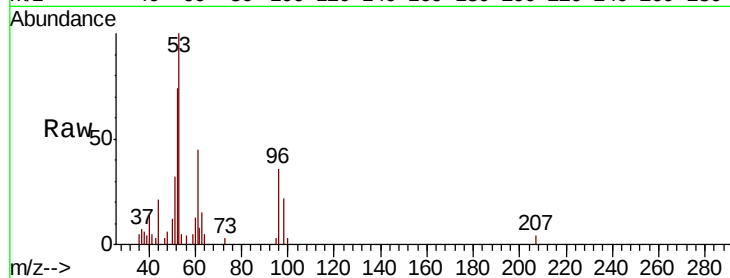




#15
 Acrylonitrile
 Concen: 4.782 ug/l
 RT: 3.12 min Scan# 334
 Delta R.T. 0.01 min
 Lab File: VX019488.D
 Acq: 20 Nov 2020 09:09

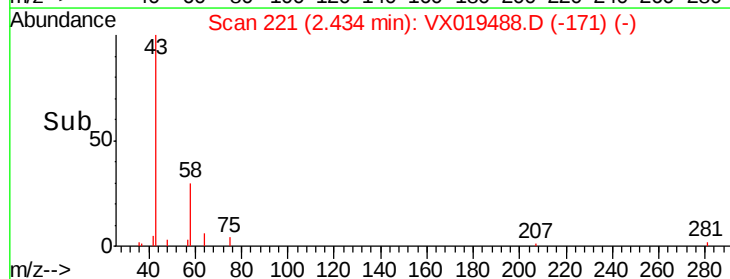
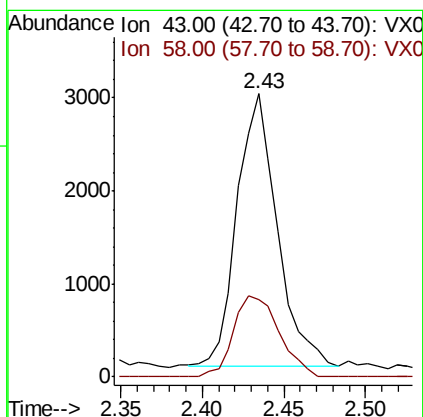
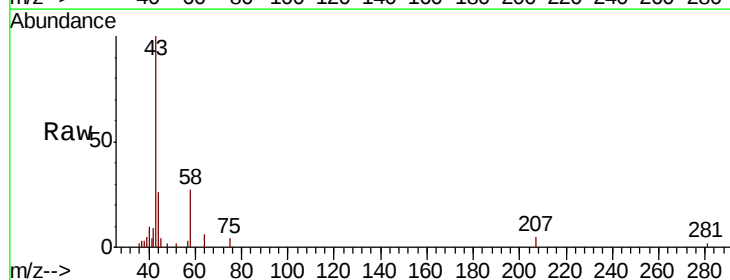
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

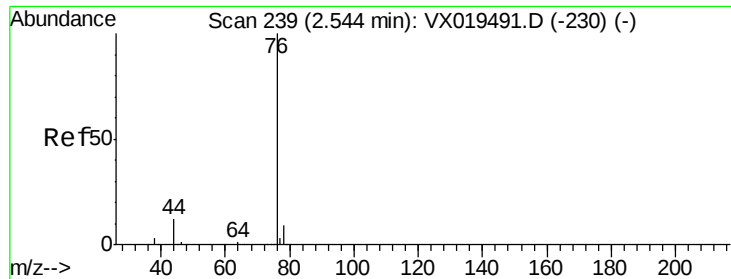
Tot Ion	53	Resp	5189
Ion	Ratio	Lower	Upper
53	100		
52	78.2	66.2	99.2
51	35.0	28.5	42.7



#16
 Acetone
 Concen: 5.323 ug/l
 RT: 2.43 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX019488.D
 Acq: 20 Nov 2020 09:09

Tgt Ion	43	Resp	5004
Ion	Ratio	Lower	Upper
43	100		
58	28.4	27.4	41.2

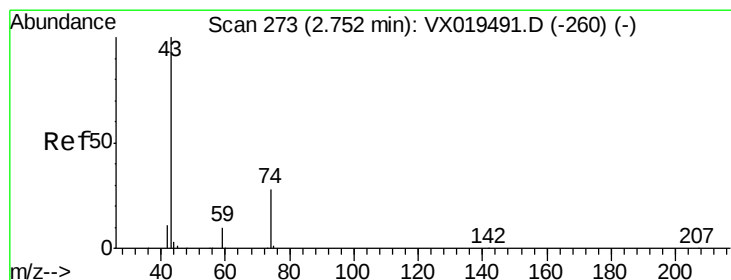
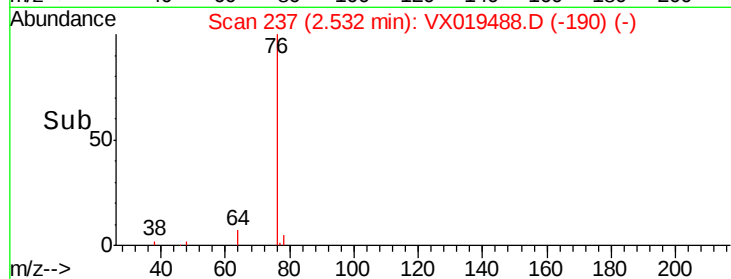
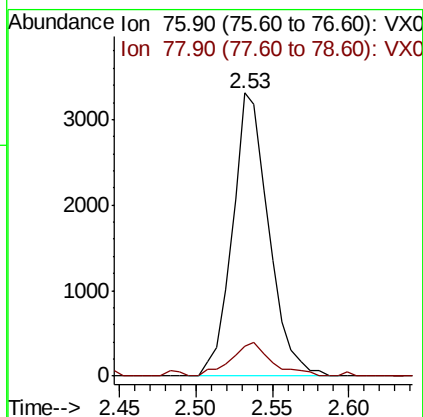
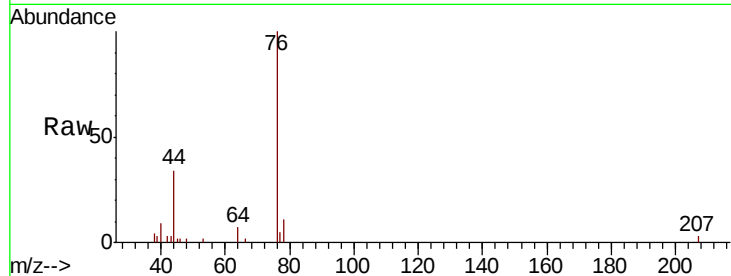




#17
Carbon Disulfide
Concen: 1.086 ug/l
RT: 2.53 min Scan# 237
Delta R.T. -0.01 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

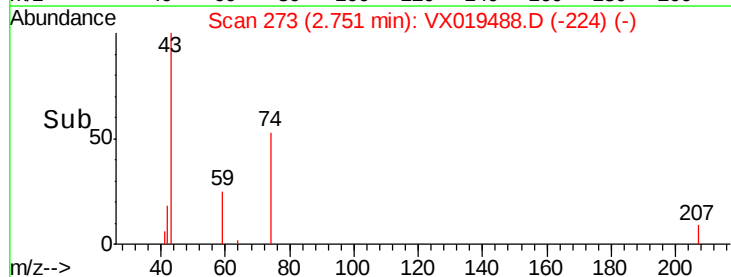
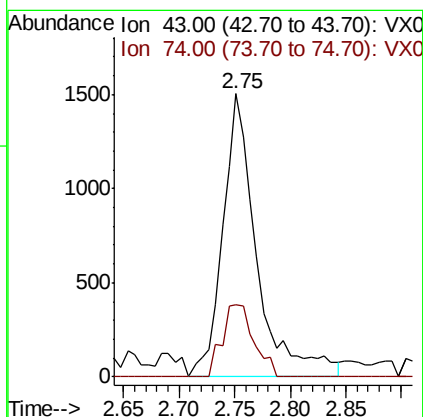
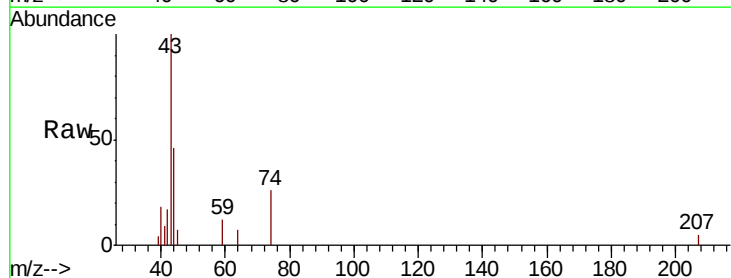
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

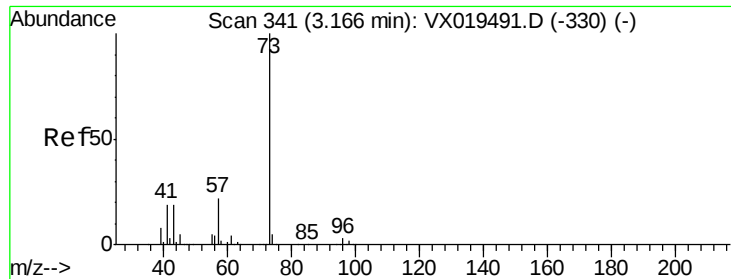
Tot Ion: 76 Resp: 5430
Ion Ratio Lower Upper
76 100
78 10.6 7.2 10.8



#18
Methyl Acetate
Concen: 1.314 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Tgt Ion: 43 Resp: 3187
Ion Ratio Lower Upper
43 100
74 23.8 22.2 33.4



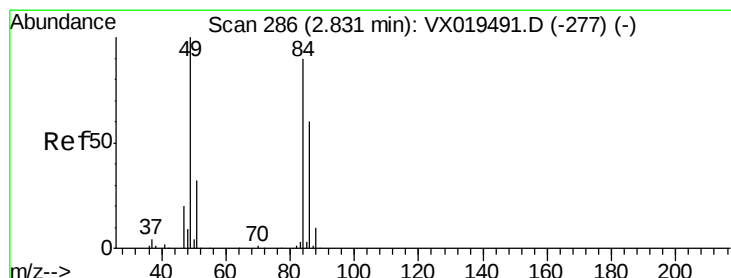
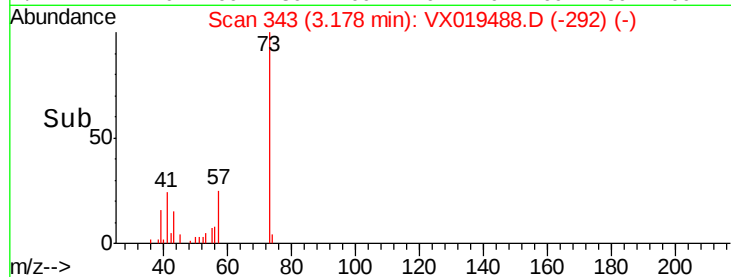
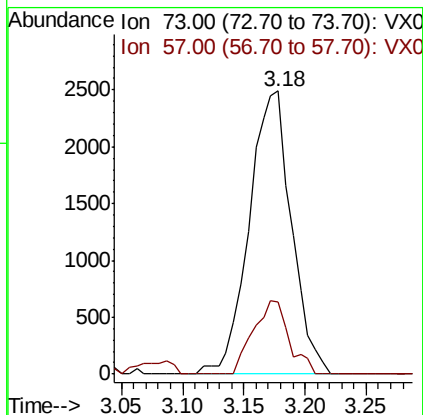
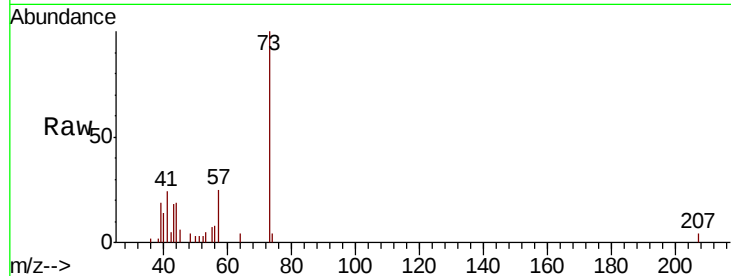


#19

Methyl tert-butyl Ether
 Concen: 0.933 ug/l
 RT: 3.18 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VX019488.D
 Acq: 20 Nov 2020 09:09

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

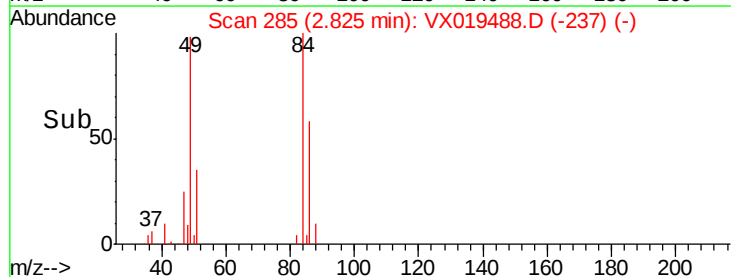
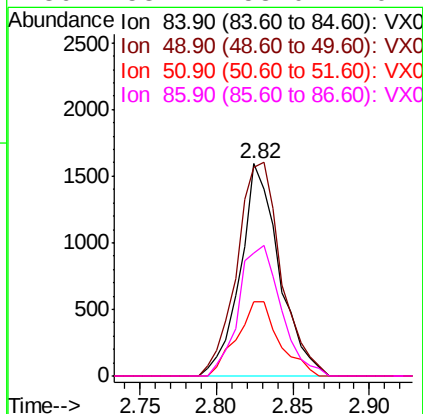
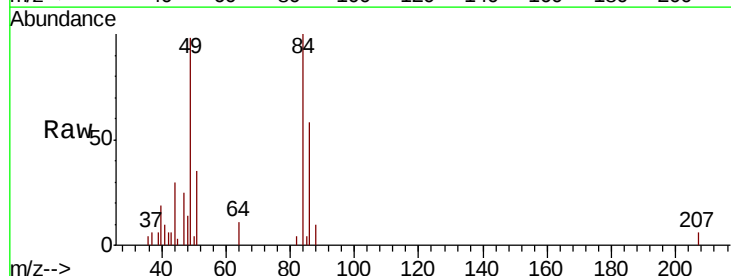
Tot Ion: 73 Resp: 5992
 Ion Ratio Lower Upper
 73 100
 57 25.4 17.3 25.9

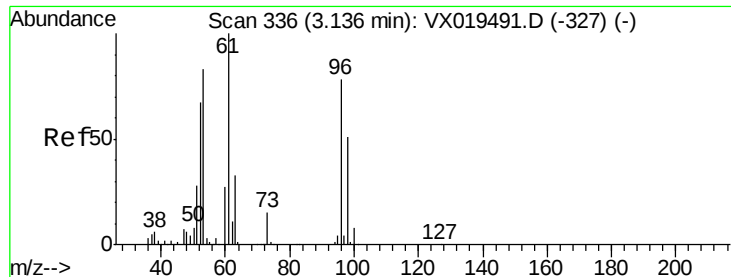


#20

Methylene Chloride
 Concen: 1.199 ug/l
 RT: 2.82 min Scan# 285
 Delta R.T. -0.01 min
 Lab File: VX019488.D
 Acq: 20 Nov 2020 09:09

Tgt Ion: 84 Resp: 2817
 Ion Ratio Lower Upper
 84 100
 49 98.1 88.5 132.7
 51 35.0 28.0 42.0
 86 58.2 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 0.992 ug/l

RT: 3.13 min Scan# 335

Delta R.T. -0.01 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

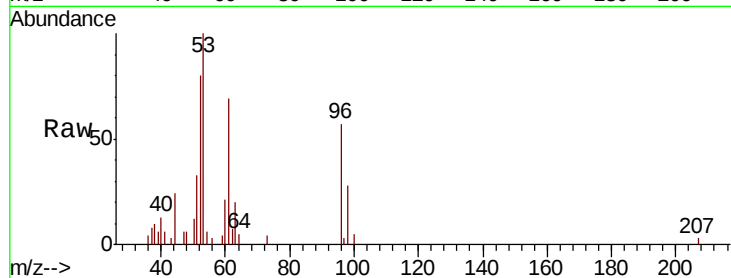
Tot Ion: 96 Resp: 2093

Ion Ratio Lower Upper

96 100

61 121.3 102.9 154.3

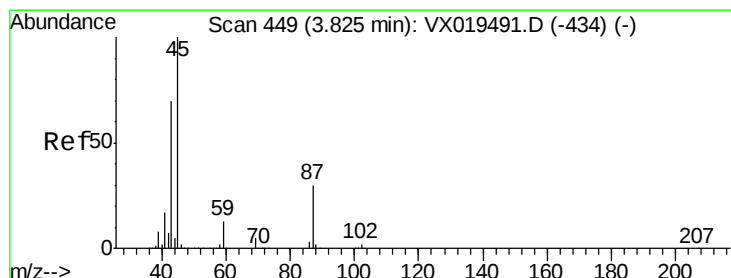
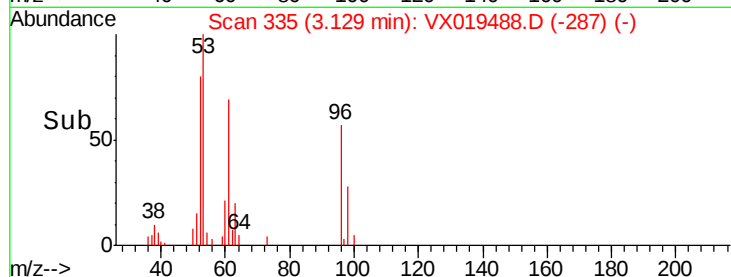
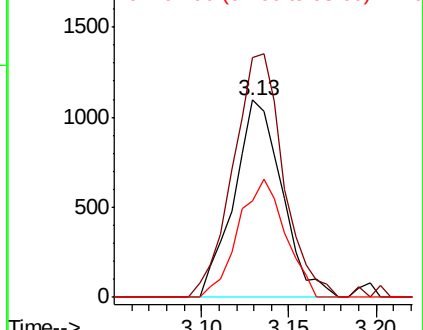
98 49.1 52.1 78.1#



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: 0.928 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Tgt Ion: 45 Resp: 5601

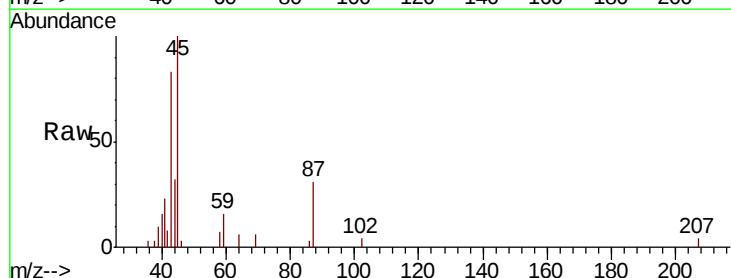
Ion Ratio Lower Upper

45 100

43 77.3 56.1 84.1

87 31.0 24.2 36.2

59 16.2 10.2 15.2#

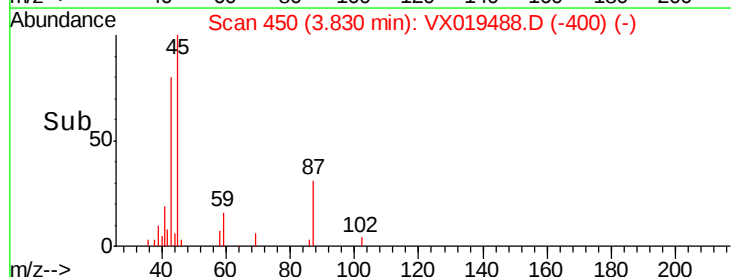
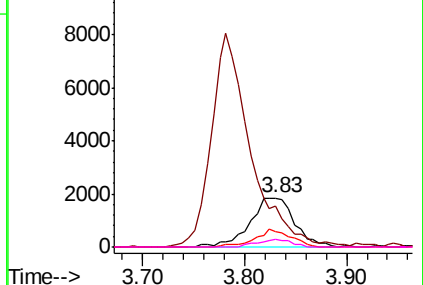


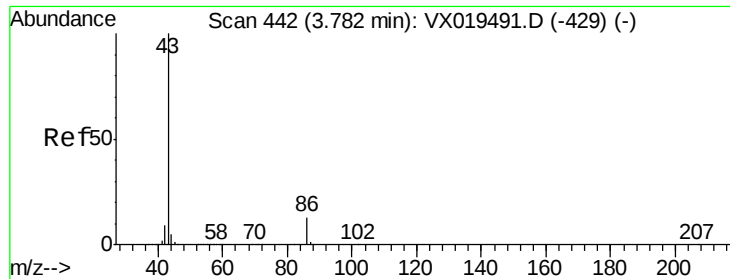
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 4.270 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

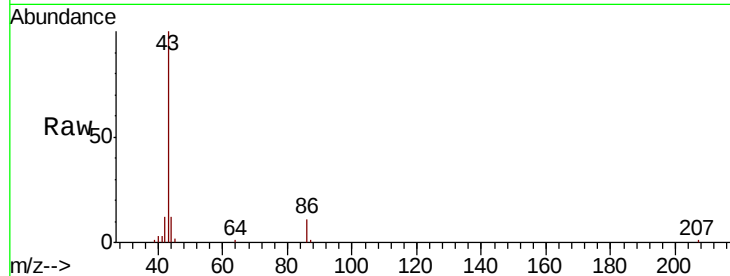
VSTDIC001

Tot Ion: 43 Resp: 21606

Ion Ratio Lower Upper

43 100

86 11.4 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

8000

6000

4000

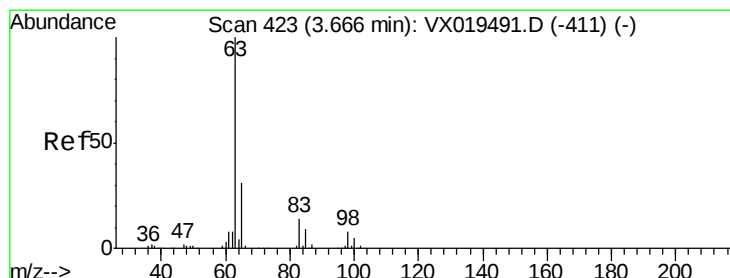
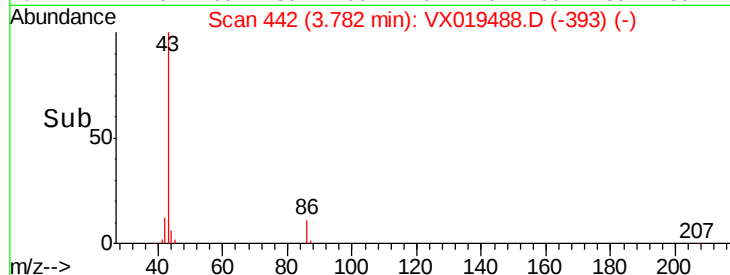
2000

0

3.78

3.70 3.80 3.90

Time-->



#24

1,1-Dichloroethane

Concen: 0.952 ug/l

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

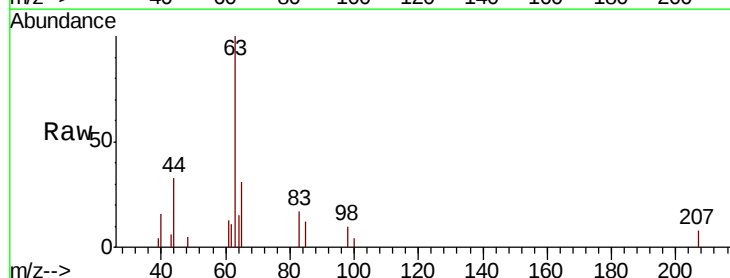
Tgt Ion: 63 Resp: 3513

Ion Ratio Lower Upper

63 100

98 10.3 3.9 11.7

100 3.5 2.4 7.1



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

2000

1500

1000

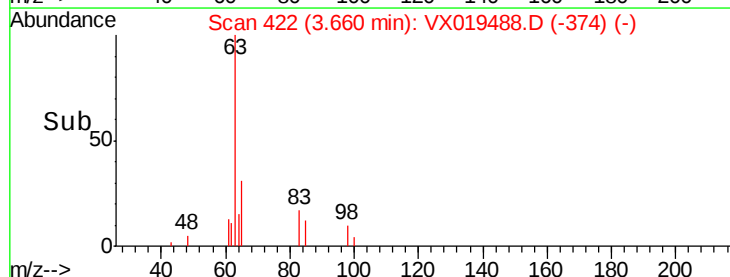
500

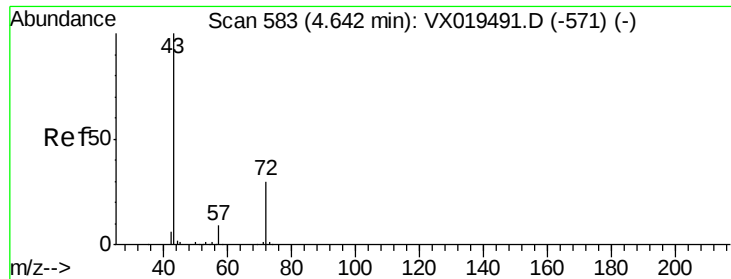
0

3.66

3.60 3.65 3.70 3.75

Time-->





#25

2-Butanone

Concen: 4.808 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

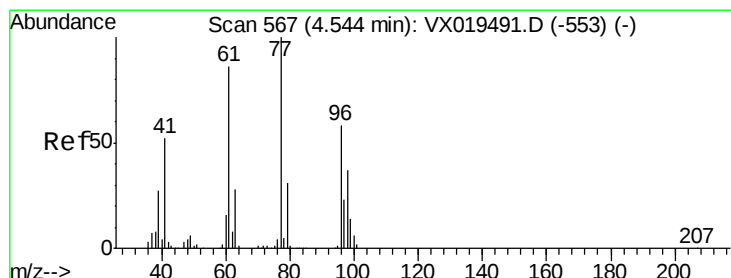
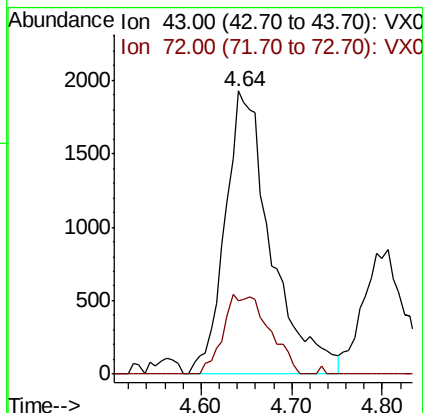
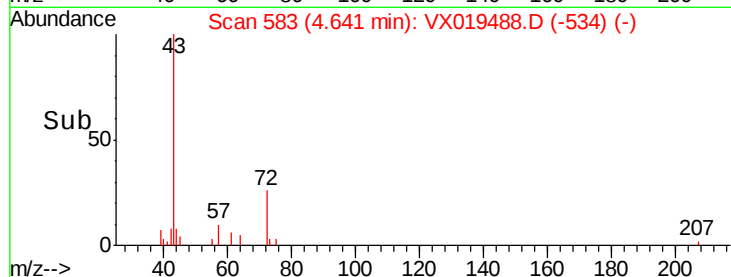
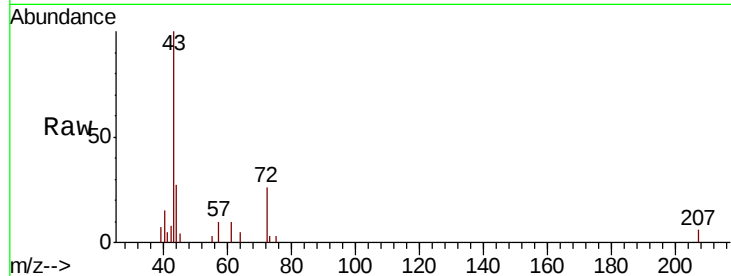
VSTDIC001

Tot Ion: 43 Resp: 6790

Ion Ratio Lower Upper

43 100

72 25.8 24.0 36.0



#26

2,2-Dichloropropane

Concen: 1.020 ug/l

RT: 4.54 min Scan# 566

Delta R.T. -0.01 min

Lab File: VX019488.D

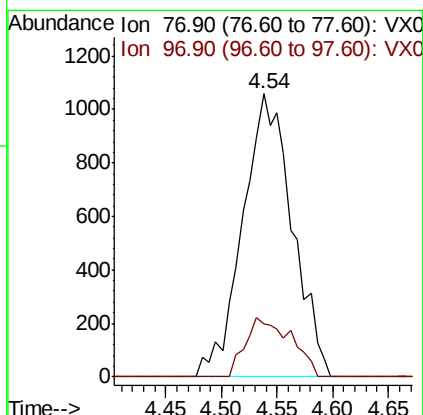
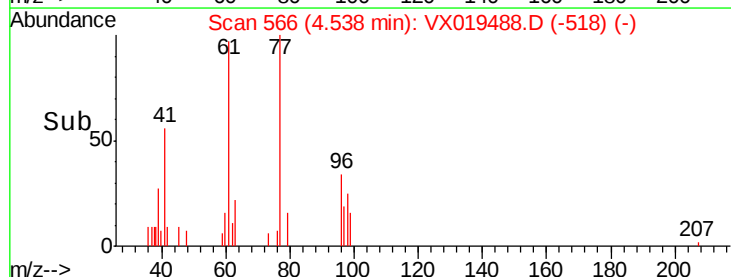
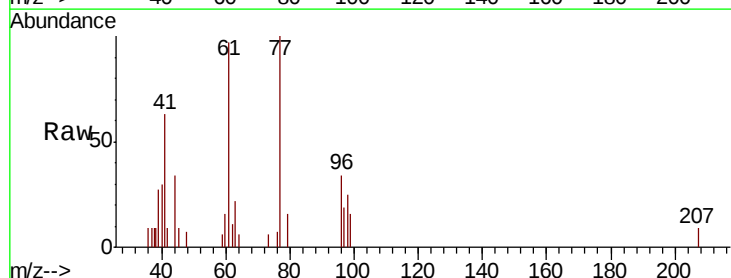
Acq: 20 Nov 2020 09:09

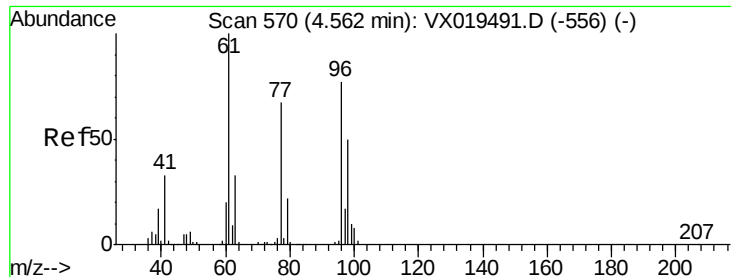
Tgt Ion: 77 Resp: 3285

Ion Ratio Lower Upper

77 100

97 19.0 11.6 34.8



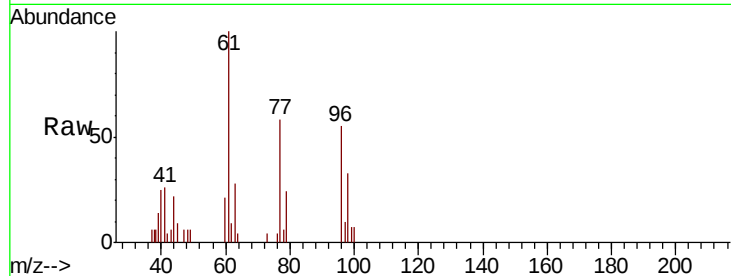


#27

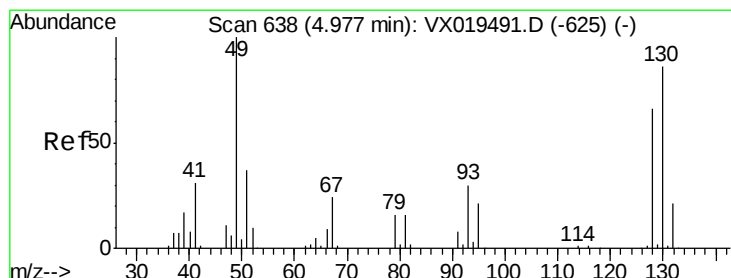
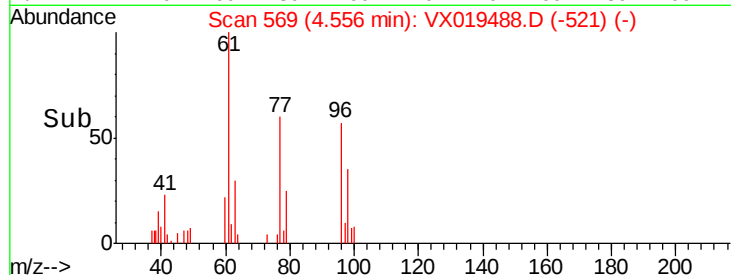
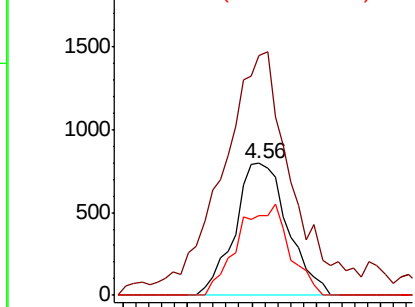
cis-1,2-Dichloroethene
Concen: 0.937 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 96 Resp: 2270
Ion Ratio Lower Upper
96 100
61 249.1 0.0 279.2
98 67.0 0.0 129.8



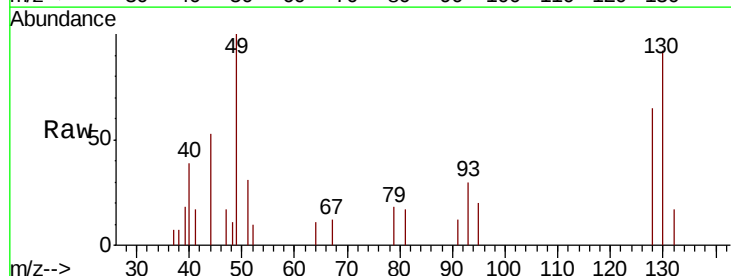
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



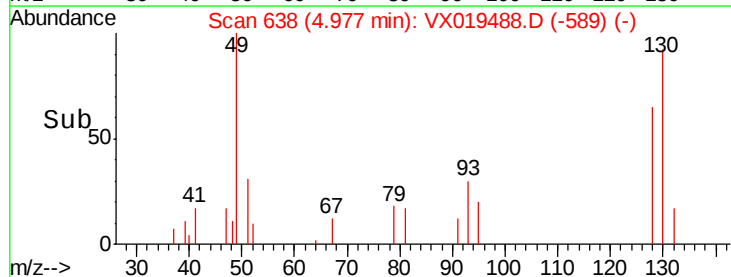
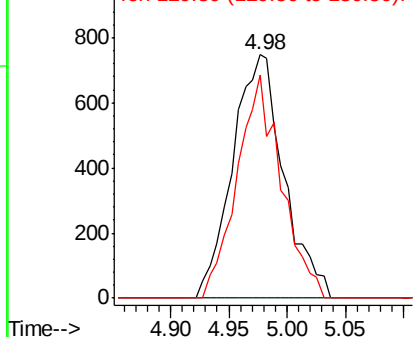
#28

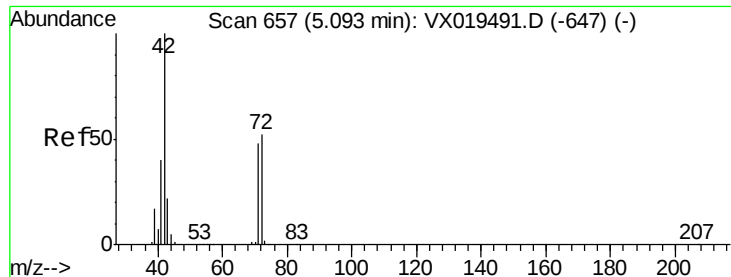
Bromochloromethane
Concen: 1.292 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Tgt Ion: 49 Resp: 2280
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 79.2 69.0 103.6



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

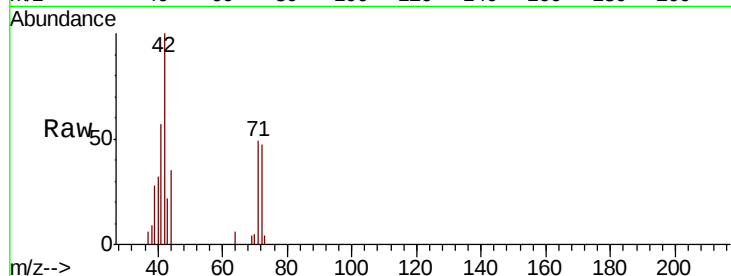




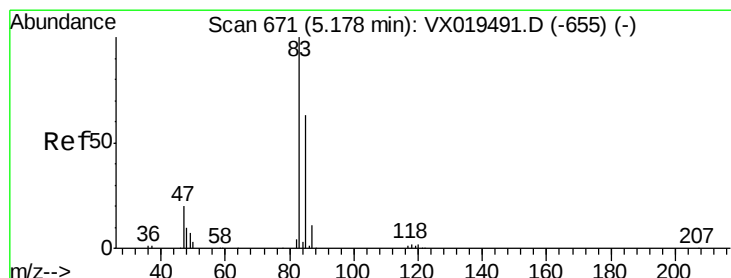
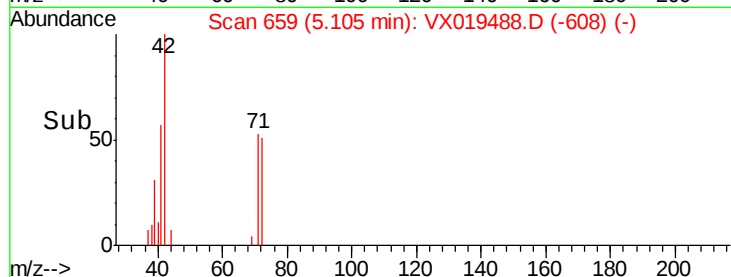
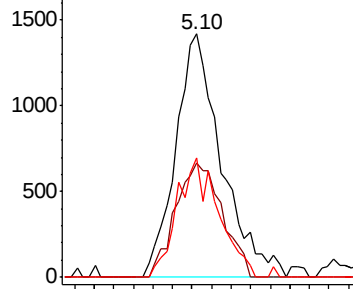
#29
Tetrahydrofuran
Concen: 5.114 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 42 Resp: 4608
Ion Ratio Lower Upper
42 100
72 47.9 42.6 63.8
71 44.4 39.0 58.6

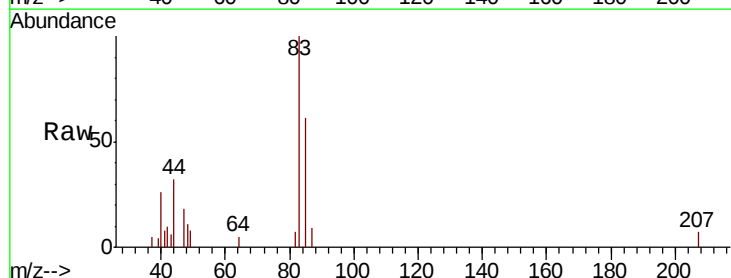


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

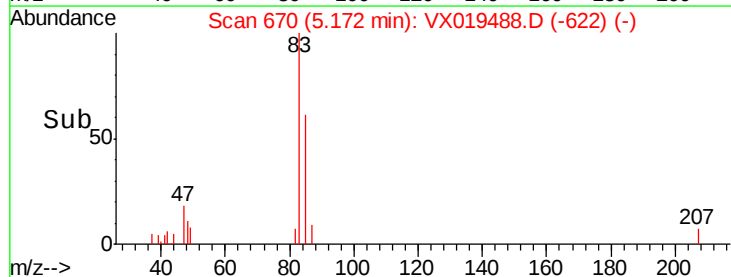
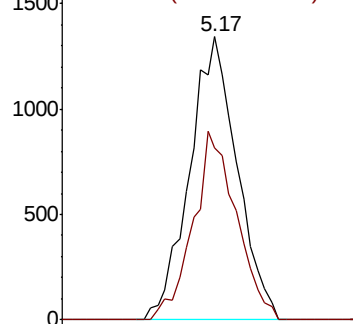


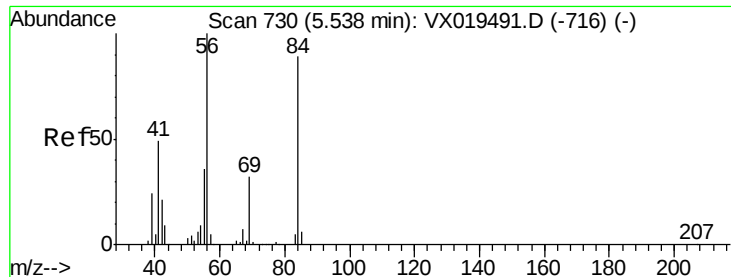
#30
Chloroform
Concen: 0.984 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Tgt Ion: 83 Resp: 3796
Ion Ratio Lower Upper
83 100
85 60.7 50.5 75.7



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

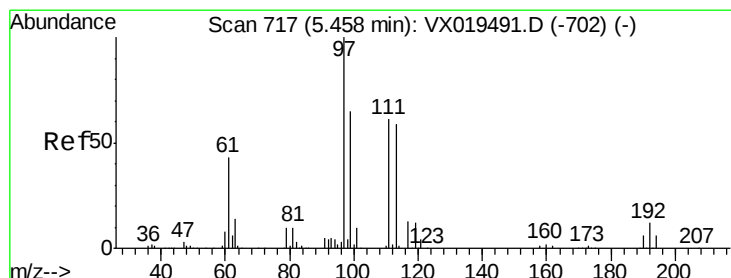
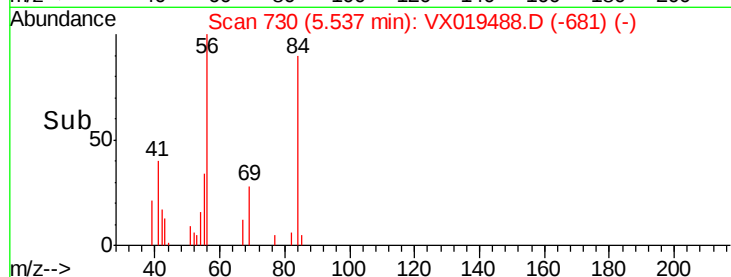
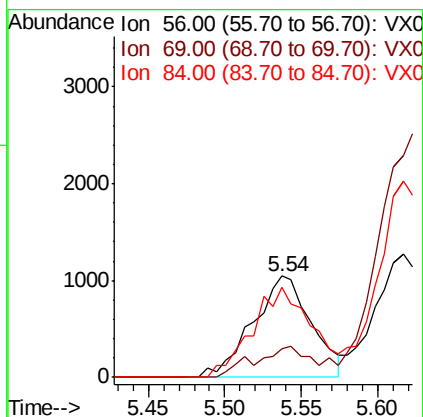
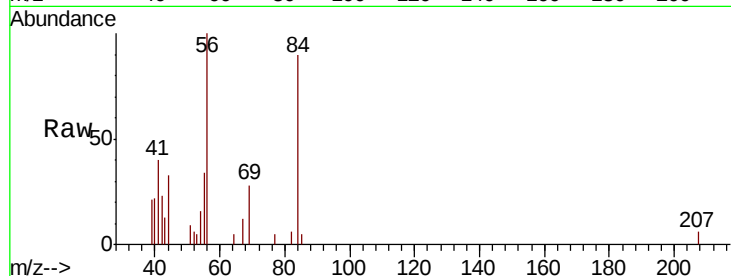




#31
Cyclohexane
Concen: 0.877 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

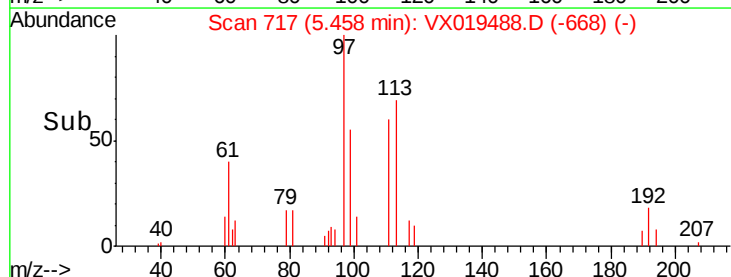
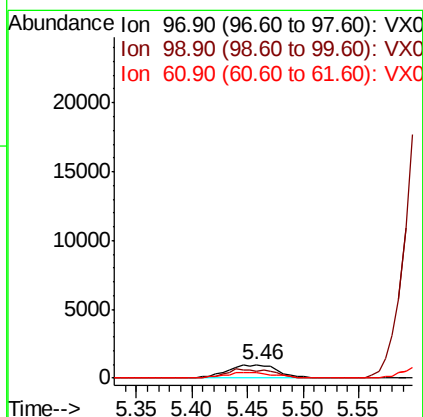
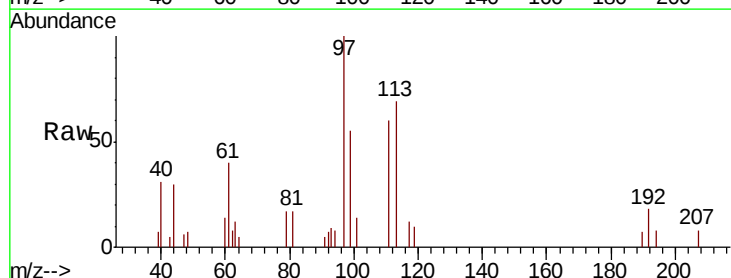
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

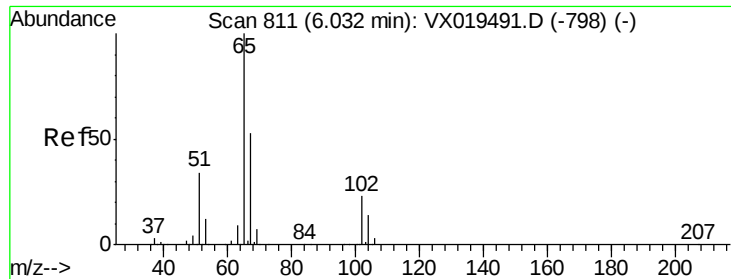
Tot Ion: 56 Resp: 2774
Ion Ratio Lower Upper
56 100
69 27.7 25.5 38.3
84 89.6 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 0.910 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Tgt Ion: 97 Resp: 3015
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 41.1 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 1.428 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

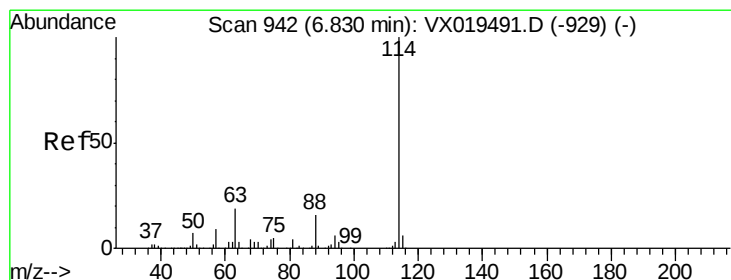
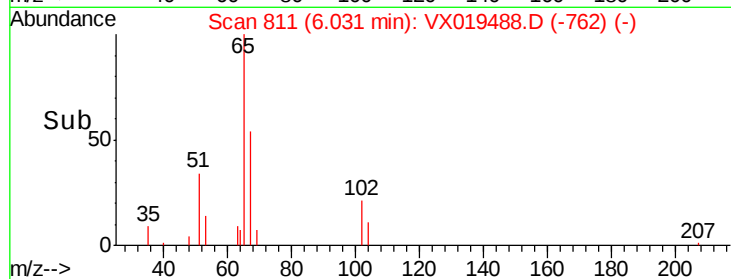
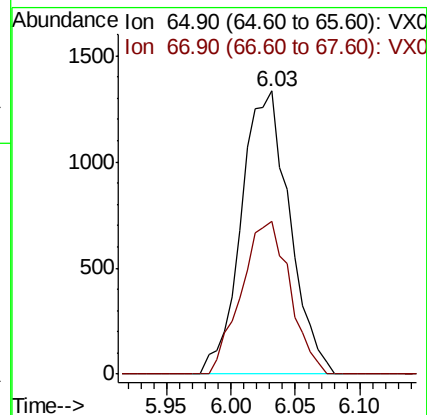
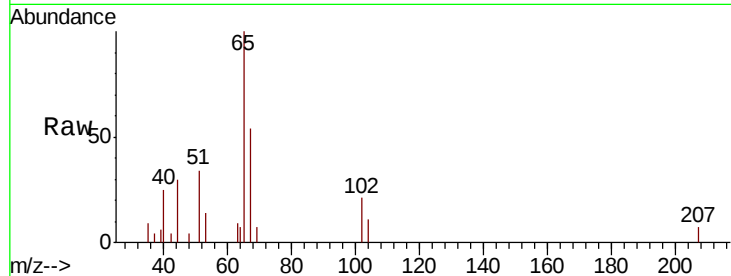
VSTDIC001

Tot Ion: 65 Resp: 3472

Ion Ratio Lower Upper

65 100

67 54.2 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

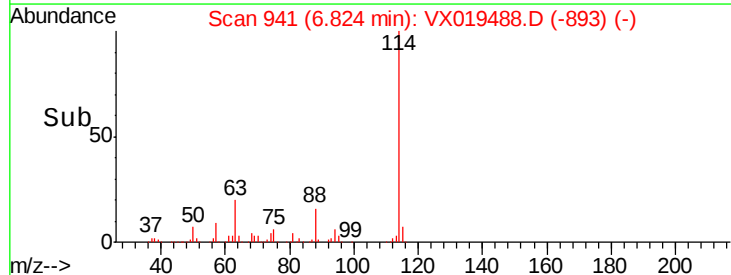
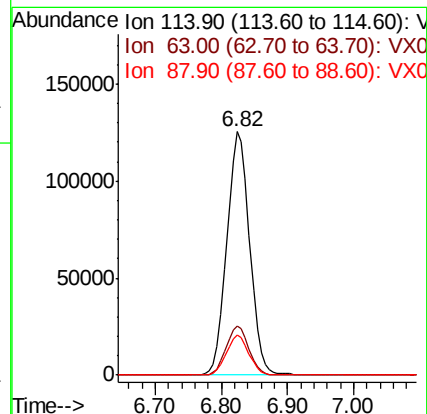
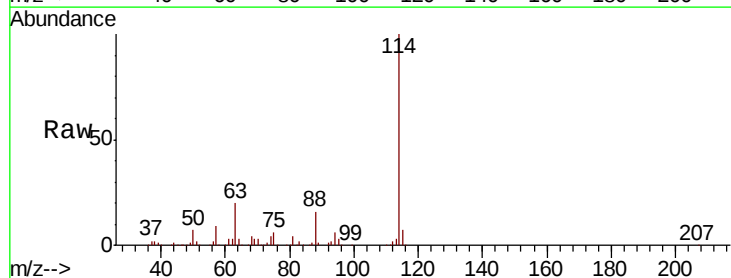
Tgt Ion: 114 Resp: 299973

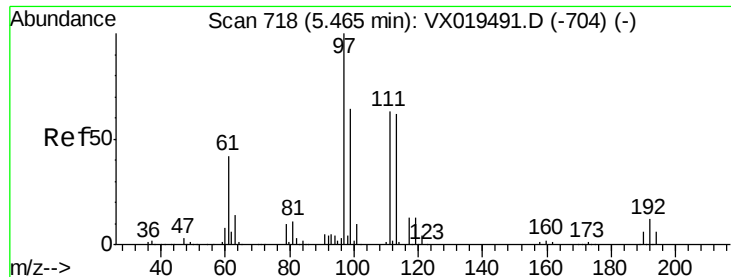
Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.8

88 16.3 0.0 31.6

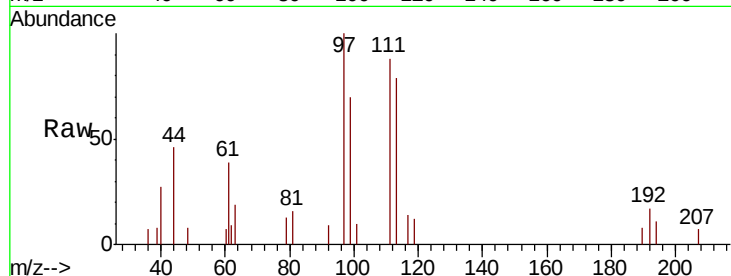




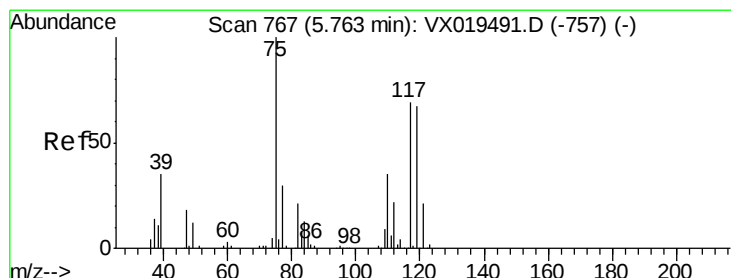
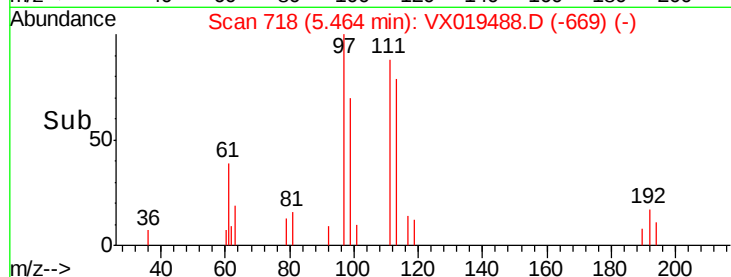
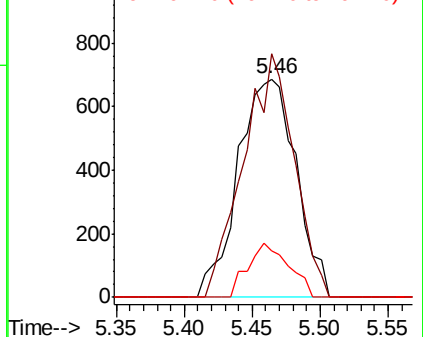
#35
 Dibromofluoromethane
 Concen: 1.087 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019488.D
 Acq: 20 Nov 2020 09:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:113 Resp: 2046
 Ion Ratio Lower Upper
 113 100
 111 97.8 81.5 122.3
 192 17.6 16.2 24.2

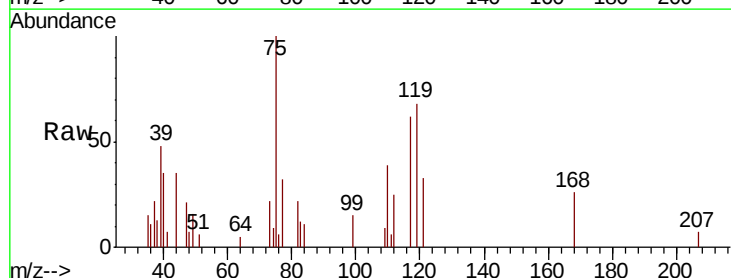


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

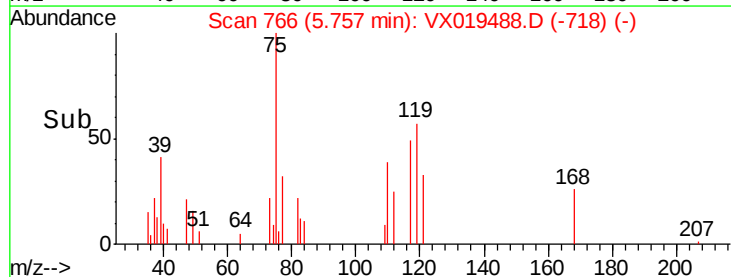
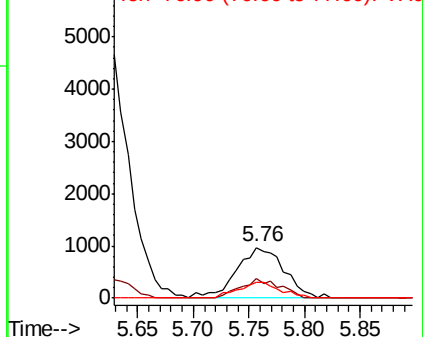


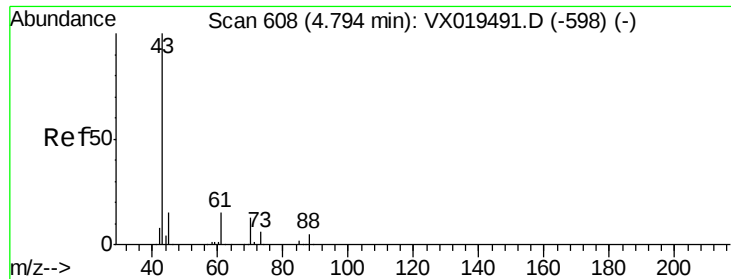
#36
 1,1-Dichloropropene
 Concen: 1.025 ug/l
 RT: 5.76 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: VX019488.D
 Acq: 20 Nov 2020 09:09

Tgt Ion: 75 Resp: 2883
 Ion Ratio Lower Upper
 75 100
 110 31.5 18.1 54.3
 77 27.7 24.2 36.4



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

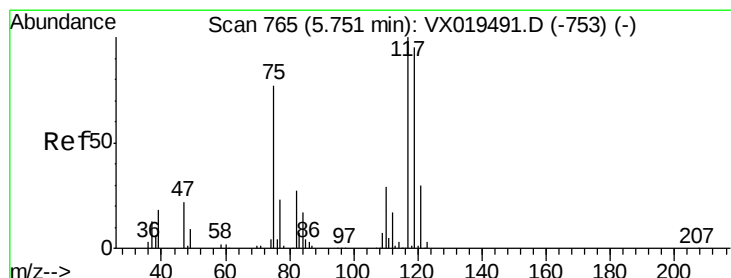
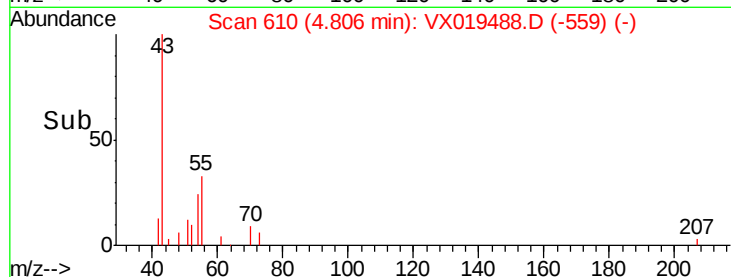
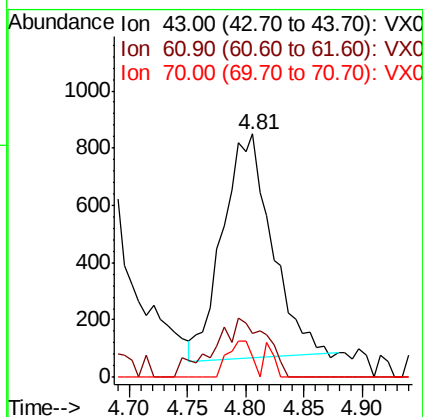
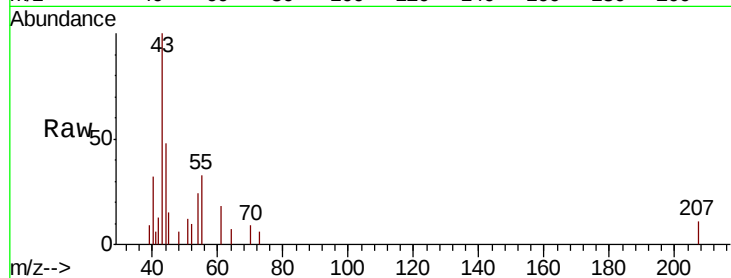




#37
Ethyl Acetate
Concen: 0.874 ug/l
RT: 4.81 min Scan# 610
Delta R.T. 0.01 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

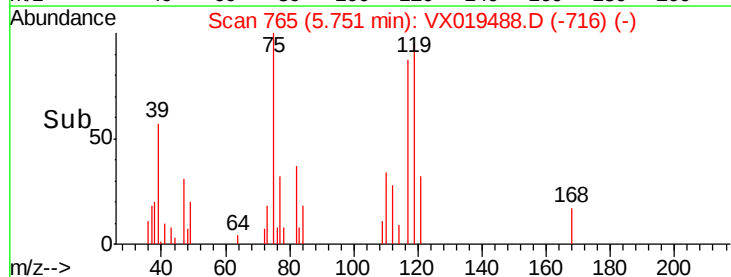
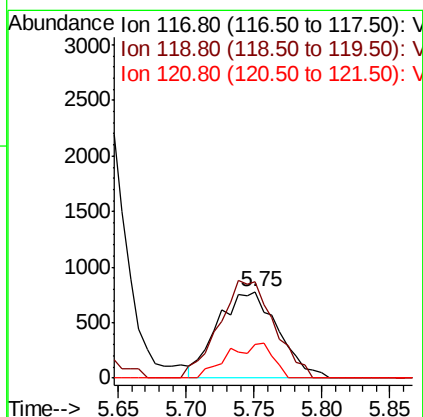
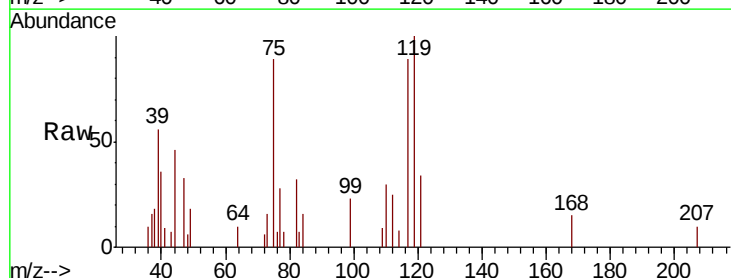
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

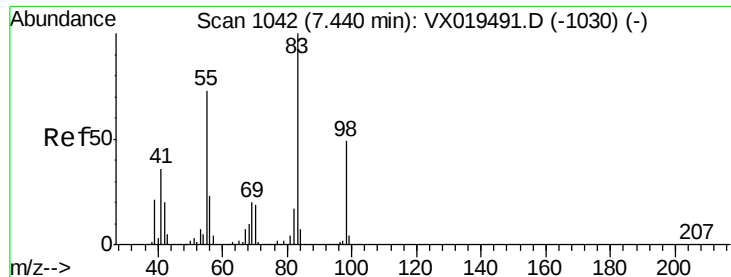
Tot Ion: 43 Resp: 2308
Ion Ratio Lower Upper
43 100
61 0.0 12.7 19.1#
70 3.1 10.2 15.2#



#38
Carbon Tetrachloride
Concen: 0.882 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Tgt Ion: 117 Resp: 2400
Ion Ratio Lower Upper
117 100
119 112.1 75.9 113.9
121 38.6 24.0 36.0#

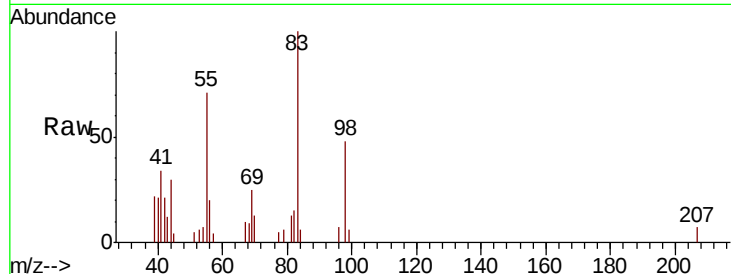




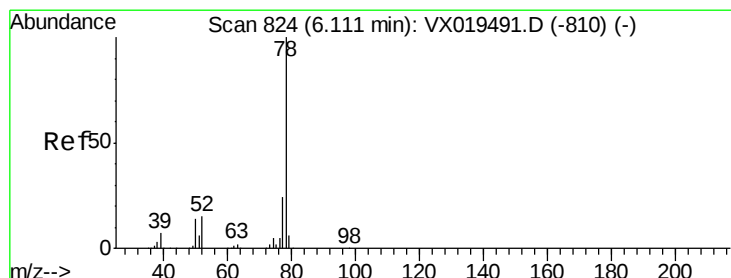
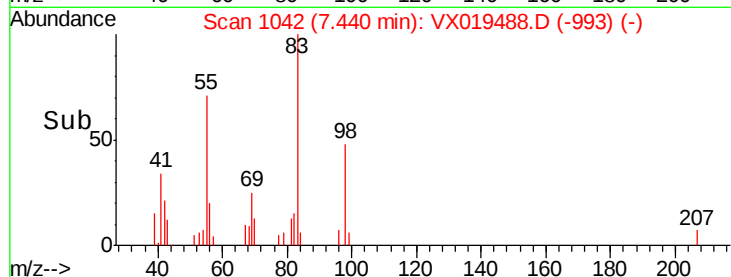
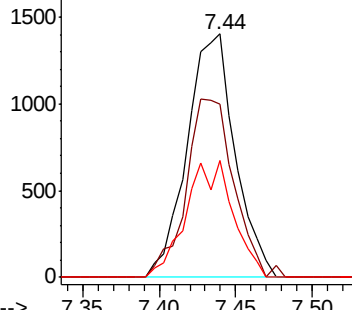
#39
Methvlcvclohexane
Concen: 0.936 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 3064
Ion Ratio Lower Upper
83 100
55 70.9 58.3 87.5
98 47.8 38.9 58.3

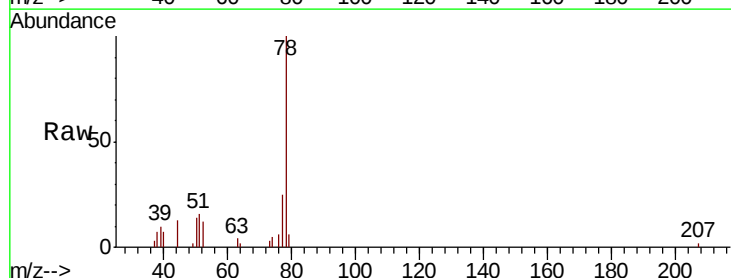


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

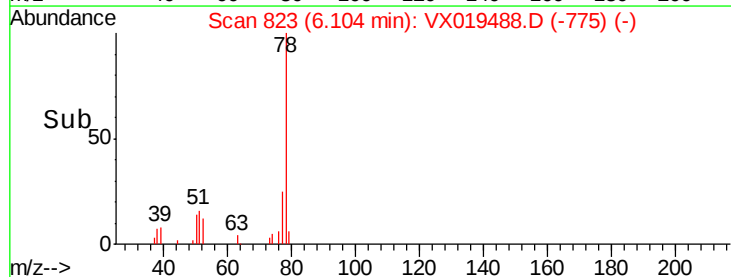
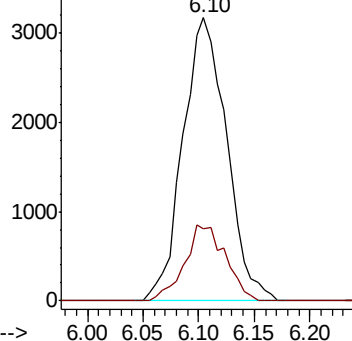


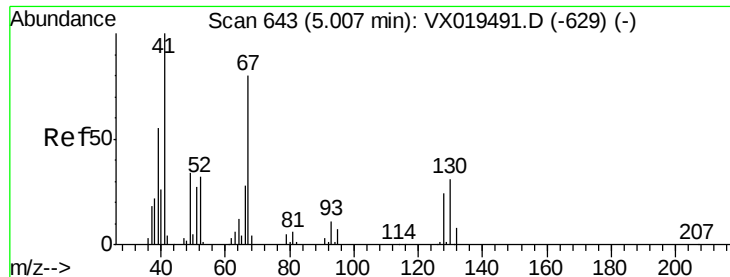
#40
Benzene
Concen: 1.002 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Tgt Ion: 78 Resp: 8661
Ion Ratio Lower Upper
78 100
77 25.3 18.9 28.3



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

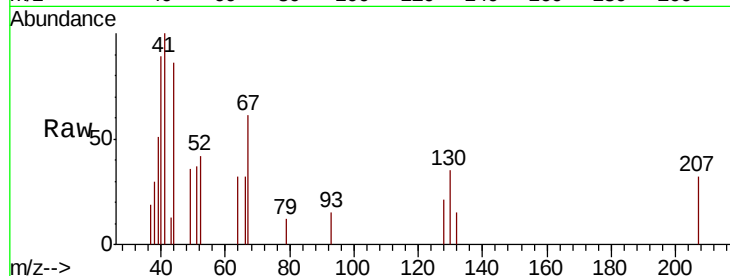




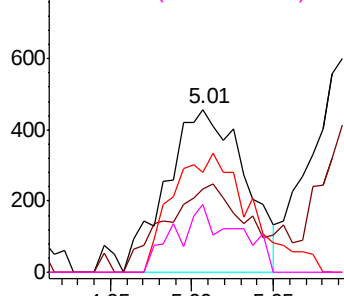
#41
Methacrylonitrile
Concen: 1.045 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

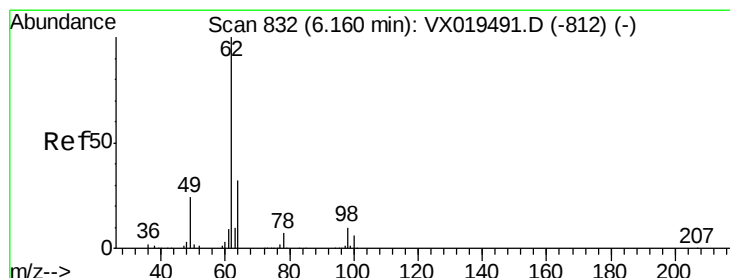
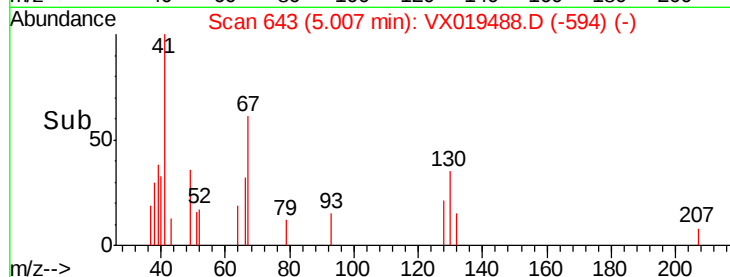
Tot Ion:	41	Resp:	1522
Ion	Ratio	Lower	Upper
41	100		
39	55.5	43.3	64.9
67	73.5	66.0	99.0
52	32.9	25.4	38.2



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

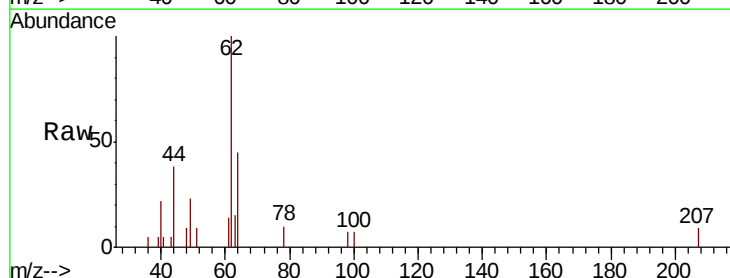


Time-->

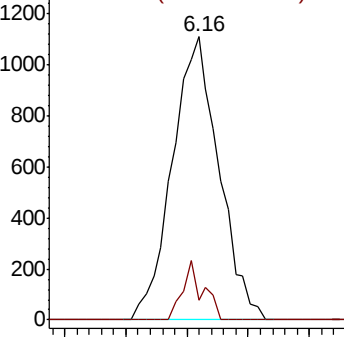


#42
1,2-Dichloroethane
Concen: 0.992 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

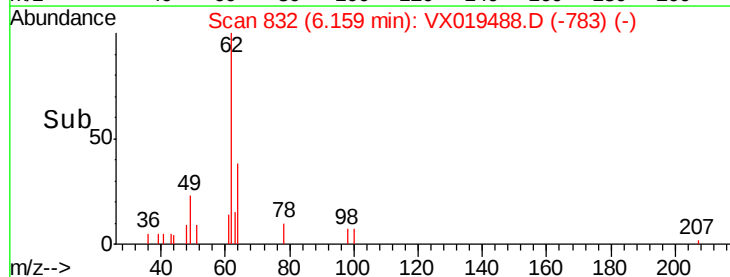
Tgt Ion:	62	Resp:	2939
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.0

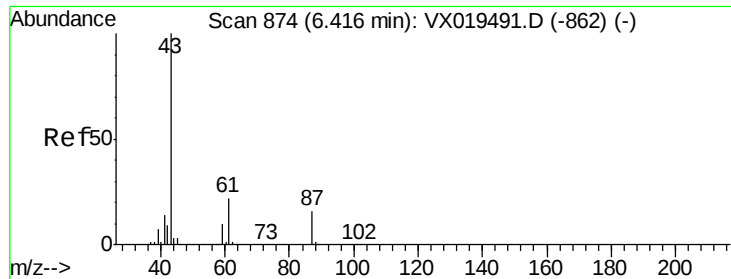


Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



Time-->





#43

Isopropyl Acetate

Concen: 1.050 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

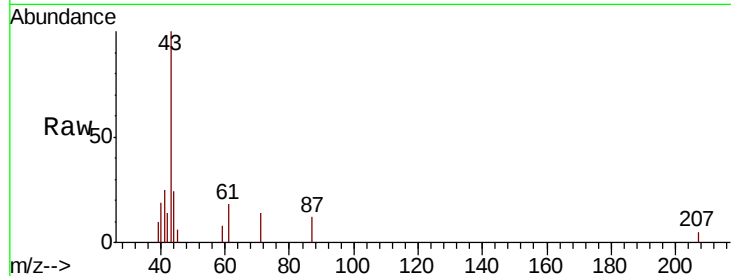
Tot Ion: 43 Resp: 4661

Ion Ratio Lower Upper

43 100

61 19.5 18.2 27.2

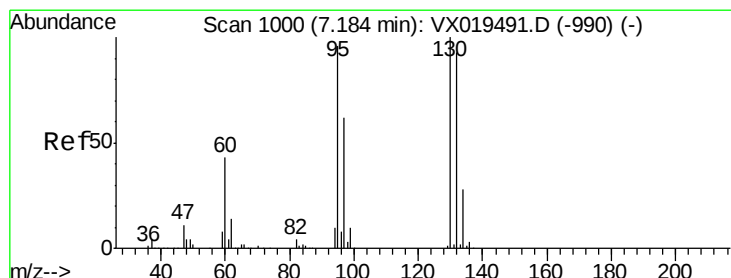
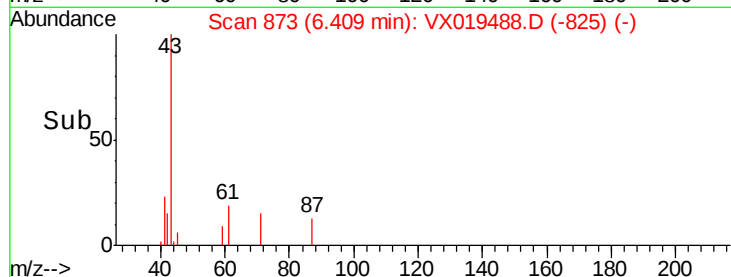
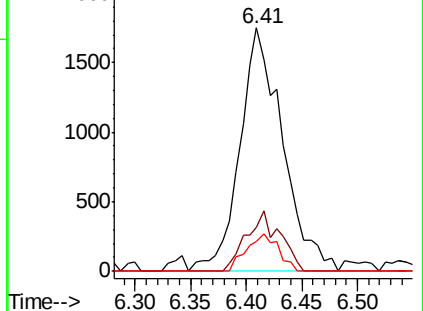
87 11.5 12.6 18.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.987 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019488.D

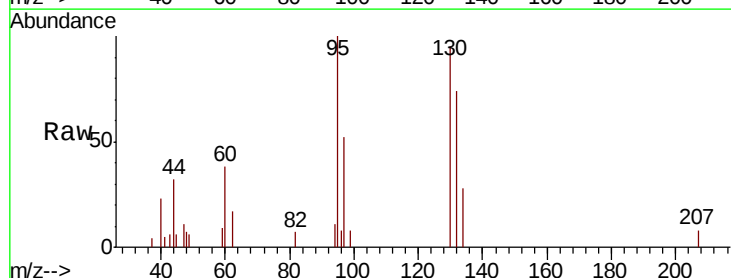
Acq: 20 Nov 2020 09:09

Tgt Ion: 130 Resp: 2234

Ion Ratio Lower Upper

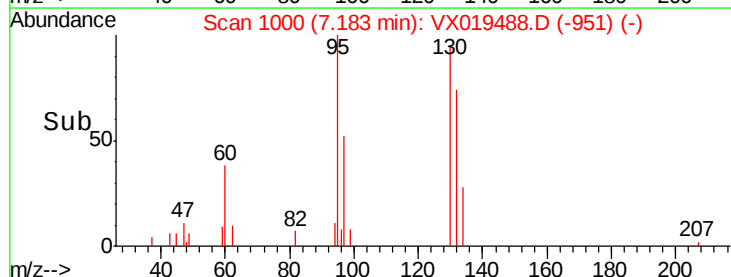
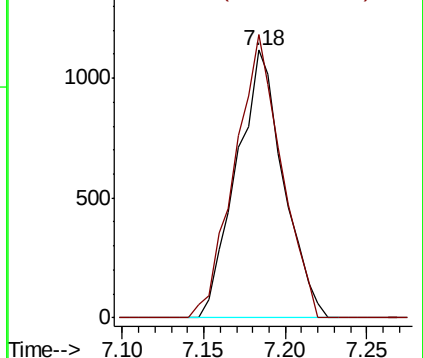
130 100

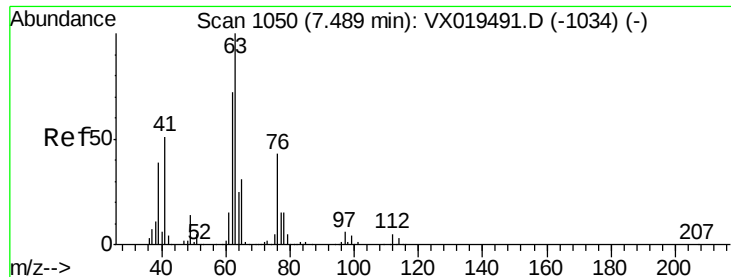
95 105.7 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 0.960 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

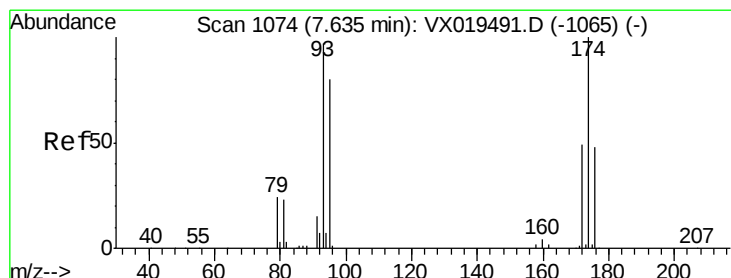
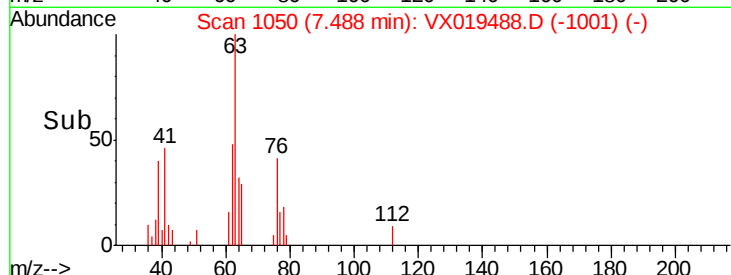
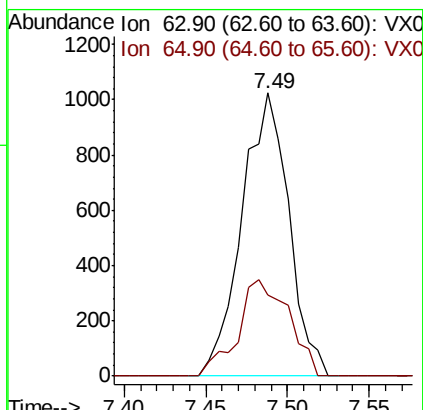
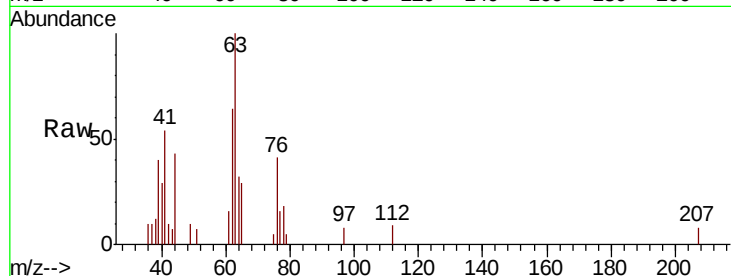
VSTDIC001

Tot Ion: 63 Resp: 2042

Ion Ratio Lower Upper

63 100

65 28.7 25.0 37.4



#46

Dibromomethane

Concen: 0.962 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

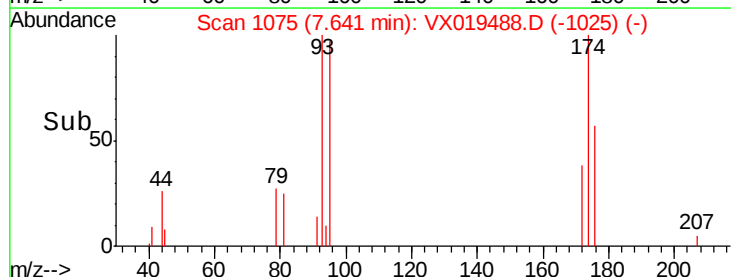
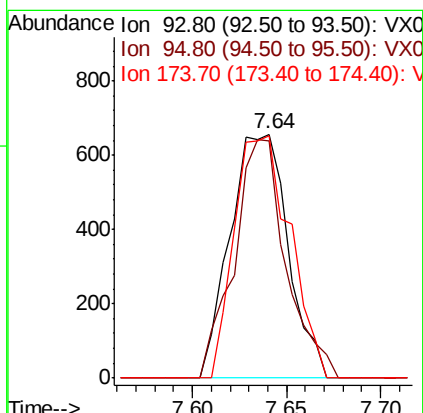
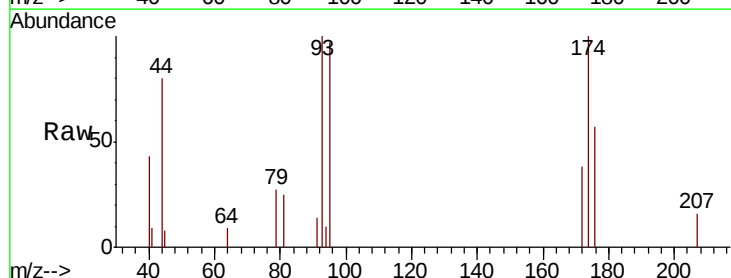
Tgt Ion: 93 Resp: 1401

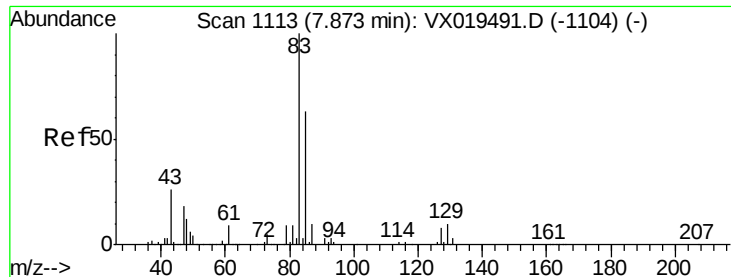
Ion Ratio Lower Upper

93 100

95 87.5 66.8 100.2

174 95.4 83.0 124.4





#47

Bromodichloromethane

Concen: 0.902 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

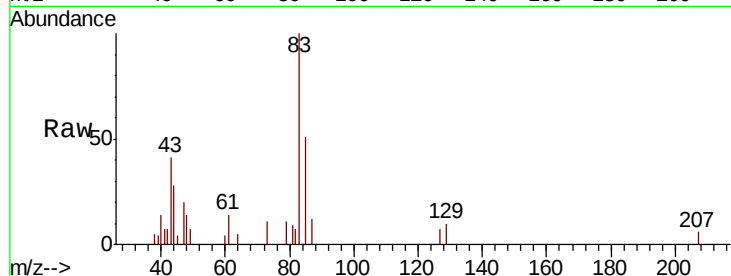
Tot Ion: 83 Resp: 2548

Ion Ratio Lower Upper

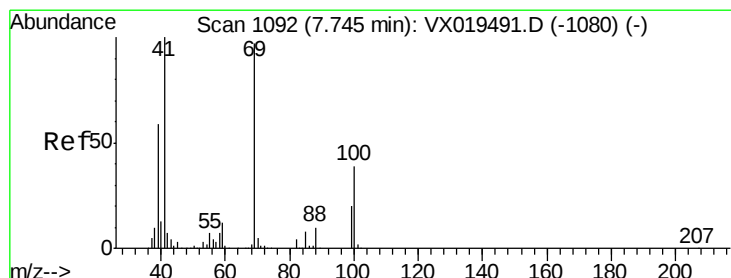
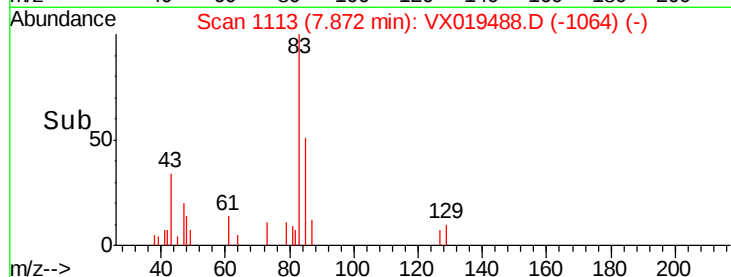
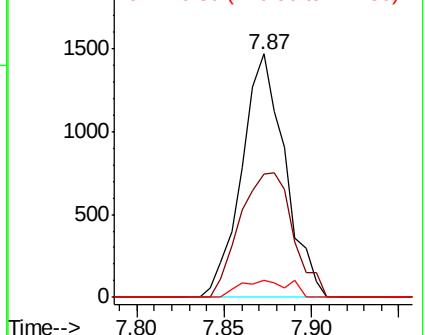
83 100

85 50.7 50.2 75.2

127 7.0 6.4 9.6



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: 0.873 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

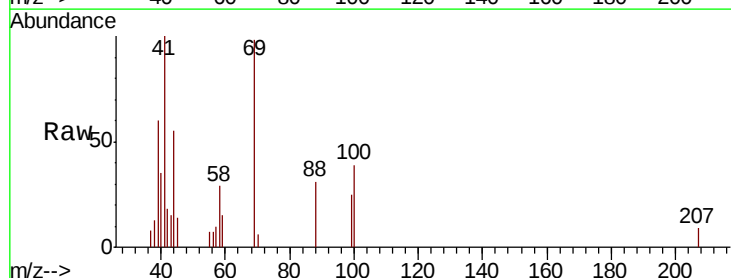
Tgt Ion: 41 Resp: 1815

Ion Ratio Lower Upper

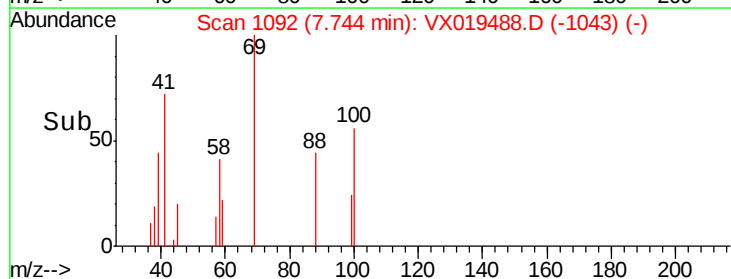
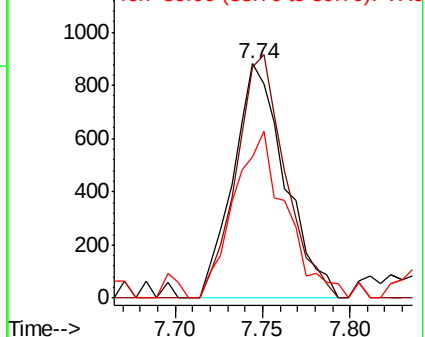
41 100

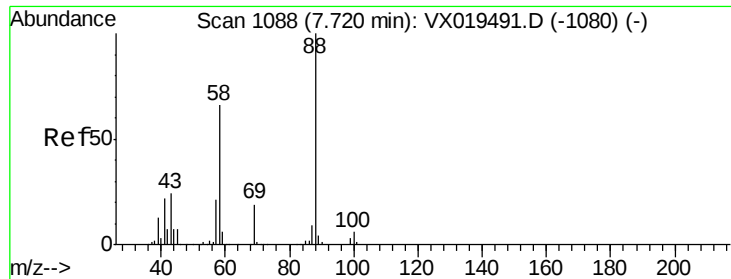
69 98.1 77.0 115.6

39 73.1 45.6 68.4#



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

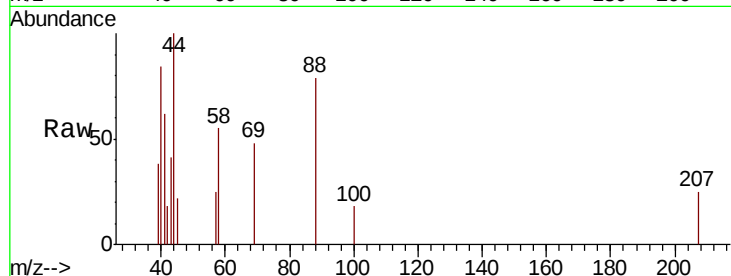




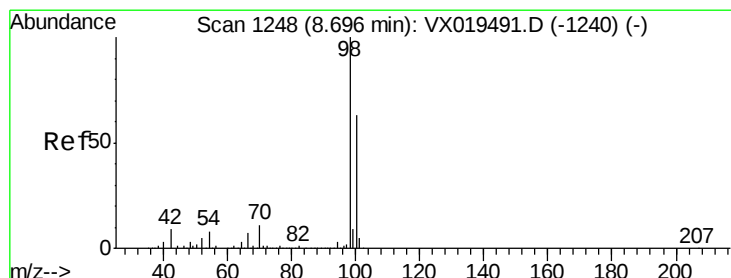
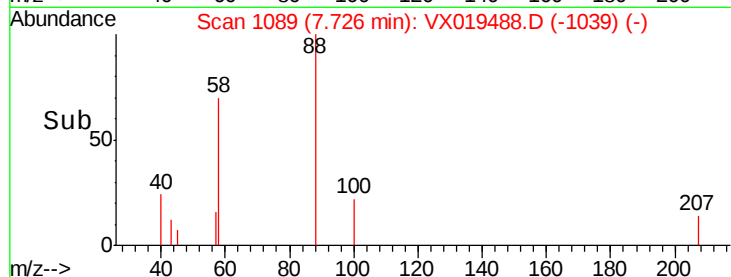
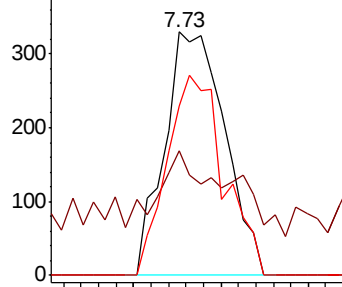
#49
 1,4-Dioxane
 Concen: 16.825 ug/l
 RT: 7.73 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX019488.D
 Acq: 20 Nov 2020 09:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 88 Resp: 794
 Ion Ratio Lower Upper
 88 100
 43 16.1 23.8 35.6#
 58 77.5 54.2 81.2

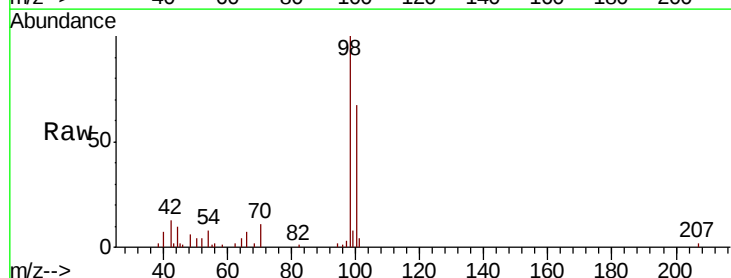


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

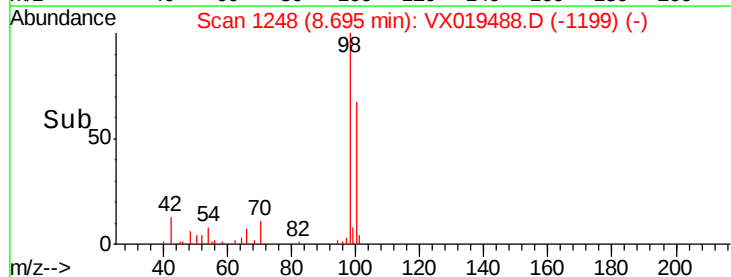
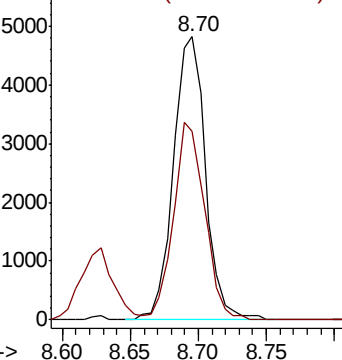


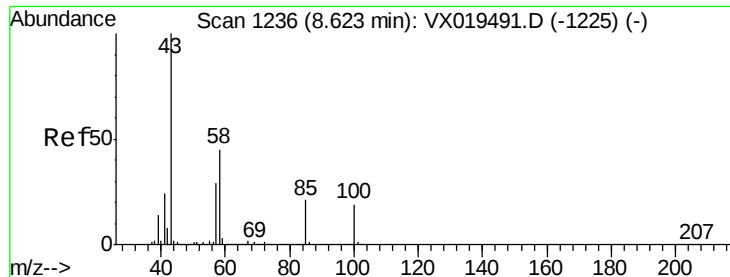
#50
 Toluene-d8
 Concen: 1.079 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019488.D
 Acq: 20 Nov 2020 09:09

Tgt Ion: 98 Resp: 7898
 Ion Ratio Lower Upper
 98 100
 100 68.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 4.561 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

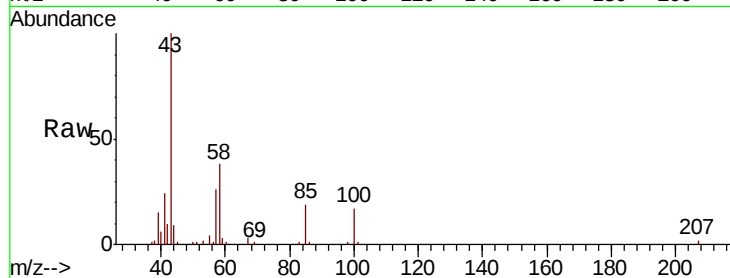
VSTDIC001

Tot Ion: 43 Resp: 11803

Ion Ratio Lower Upper

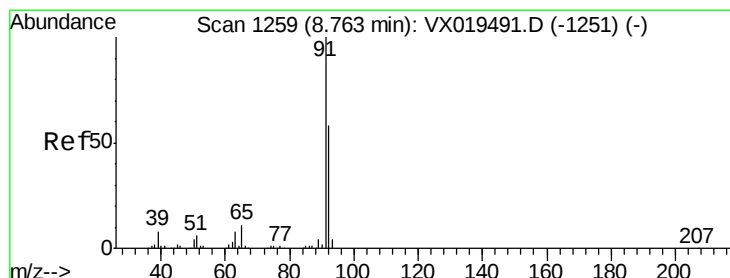
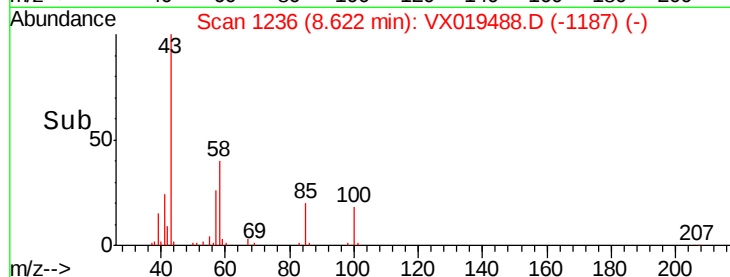
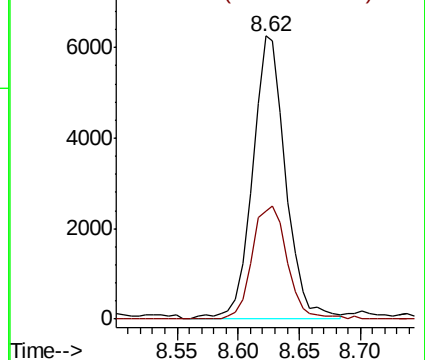
43 100

58 42.4 35.1 52.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.916 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019488.D

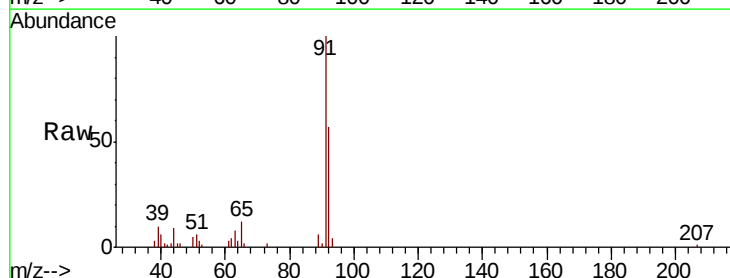
Acq: 20 Nov 2020 09:09

Tgt Ion: 92 Resp: 4840

Ion Ratio Lower Upper

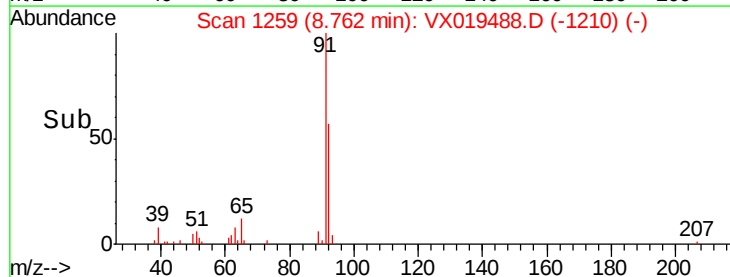
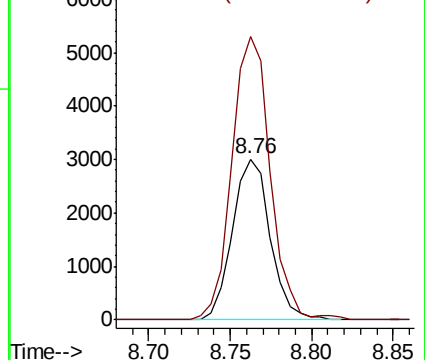
92 100

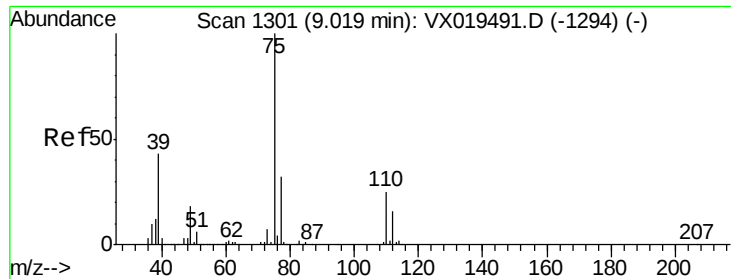
91 178.8 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

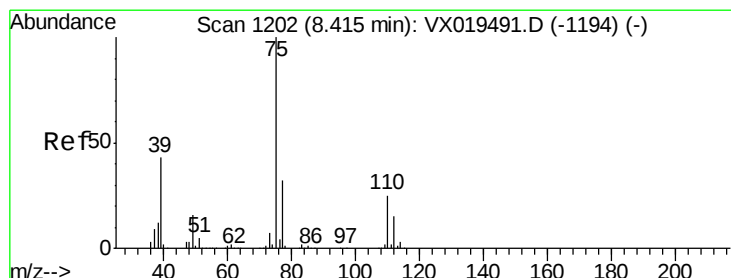
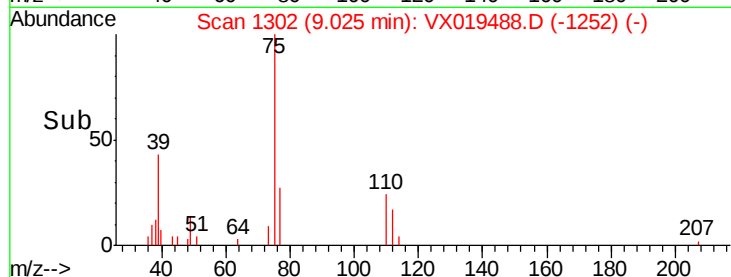
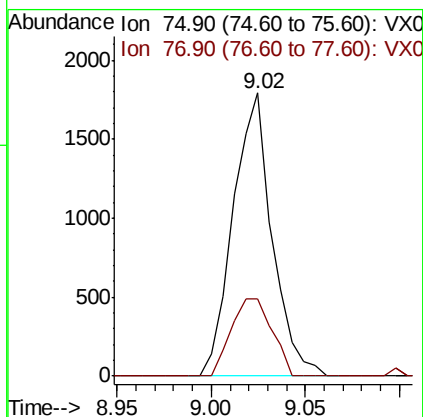
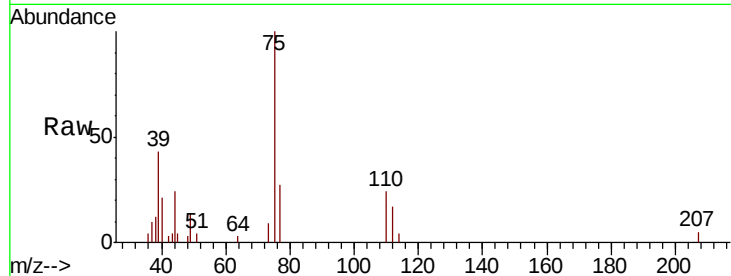




#53
t-1,3-Dichloropropene
Concen: 0.842 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

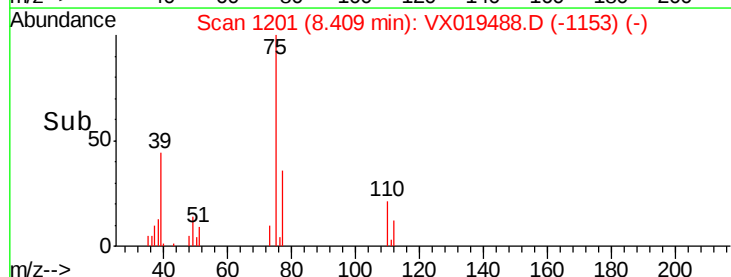
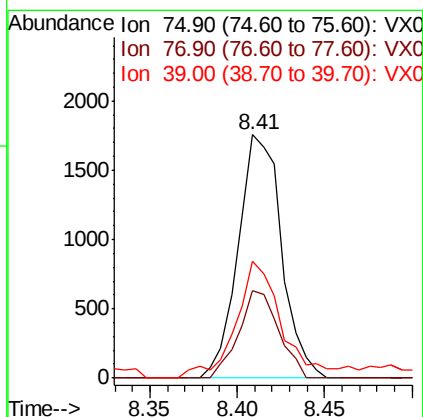
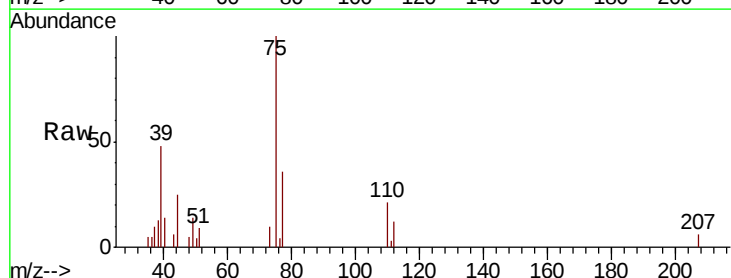
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

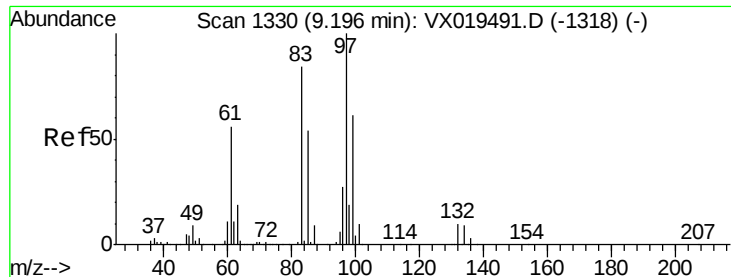
Tot Ion: 75 Resp: 2570
Ion Ratio Lower Upper
75 100
77 27.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 0.892 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Tgt Ion: 75 Resp: 3021
Ion Ratio Lower Upper
75 100
77 36.1 25.8 38.6
39 44.7 34.6 51.8

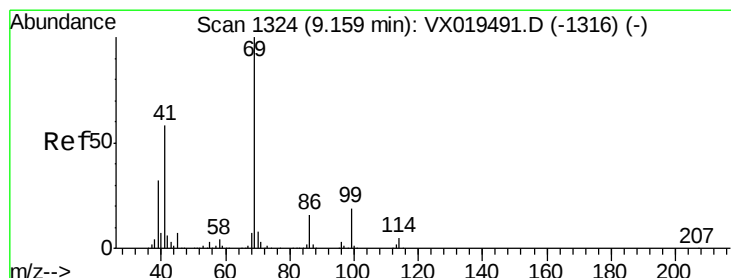
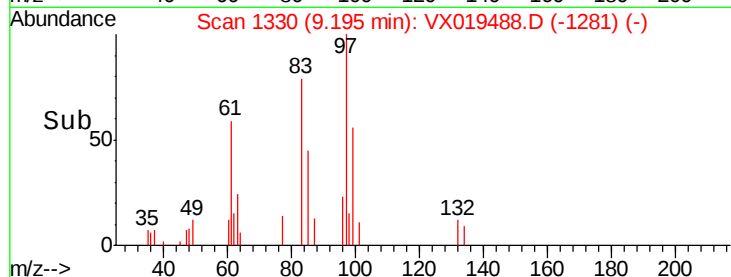
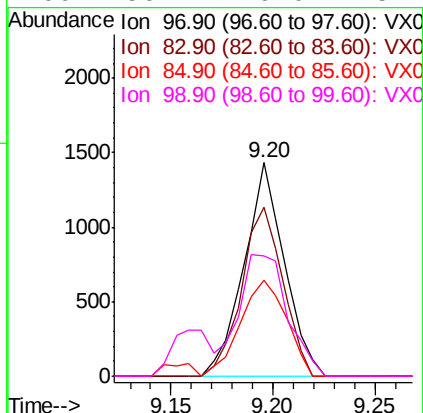
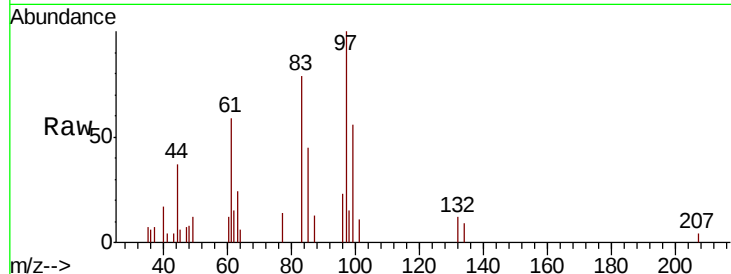




#55
 1,1,2-Trichloroethane
 Concen: 0.921 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019488.D
 Acq: 20 Nov 2020 09:09

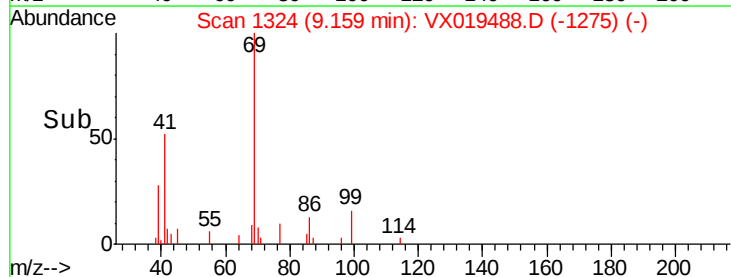
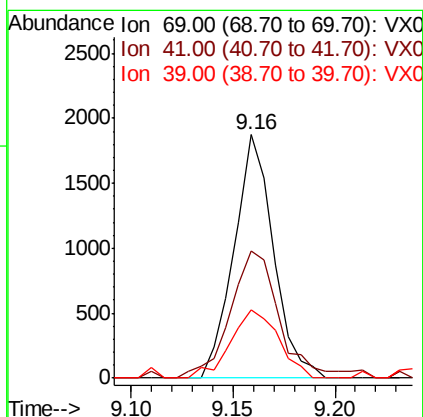
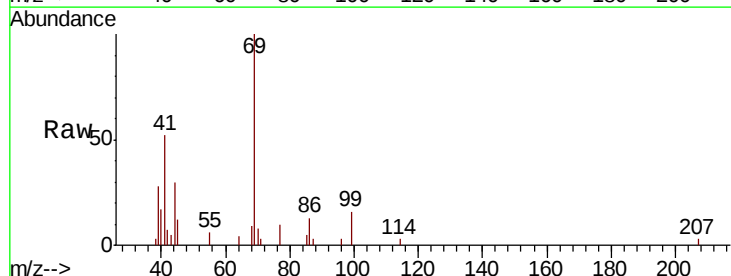
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

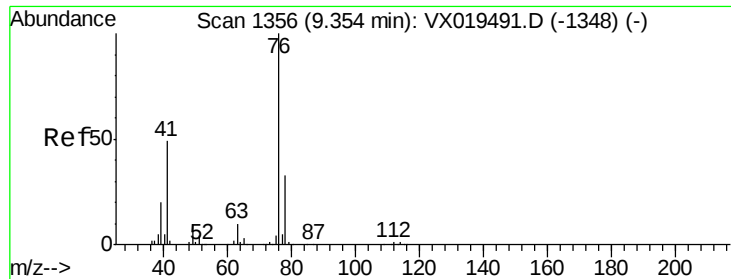
Tot Ion:	97	Resp:	1982
Ion	Ratio	Lower	Upper
97	100		
83	78.9	67.0	100.6
85	44.9	43.4	65.0
99	56.4	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 0.826 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019488.D
 Acq: 20 Nov 2020 09:09

Tgt Ion:	69	Resp:	2517
Ion	Ratio	Lower	Upper
69	100		
41	66.1	46.2	69.2
39	34.0	25.5	38.3

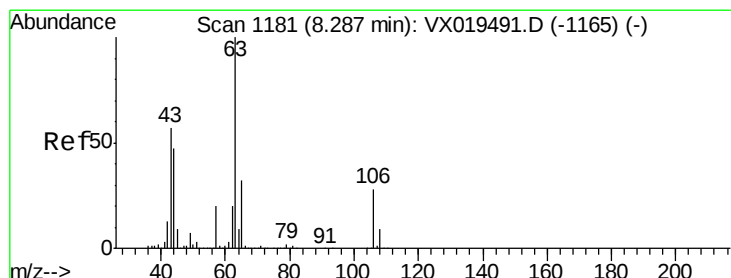
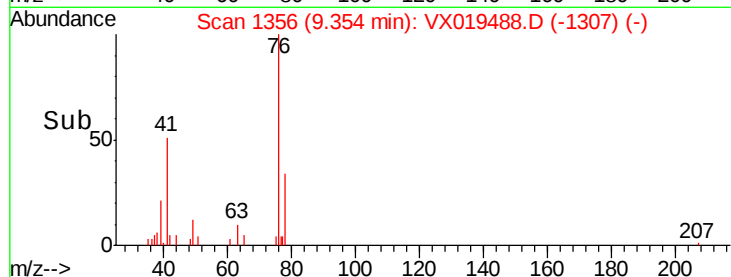
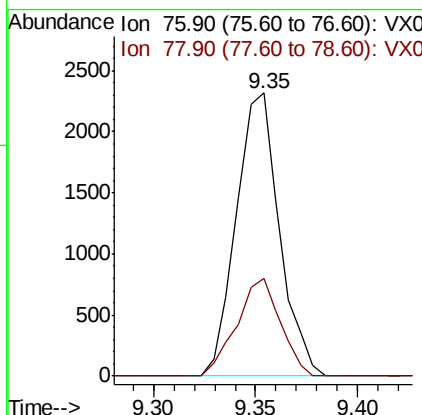
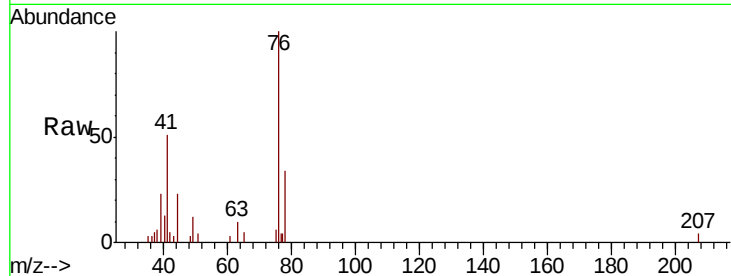




#57
 1,3-Dichloropropane
 Concen: 0.944 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019488.D
 Acq: 20 Nov 2020 09:09

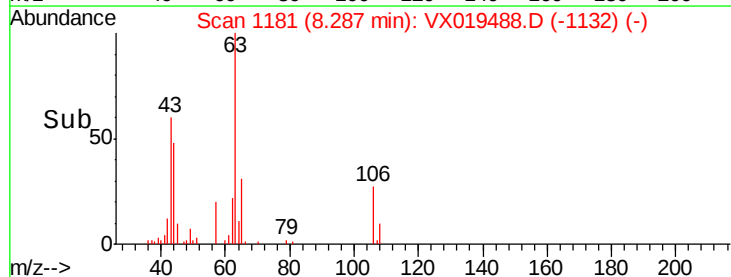
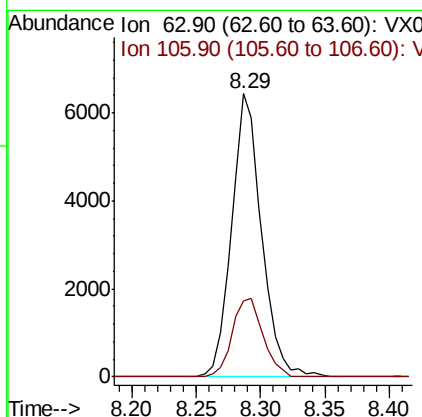
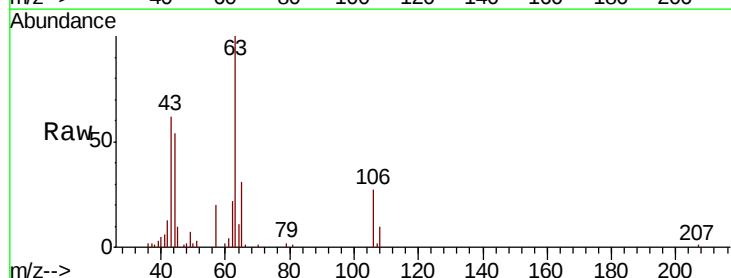
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

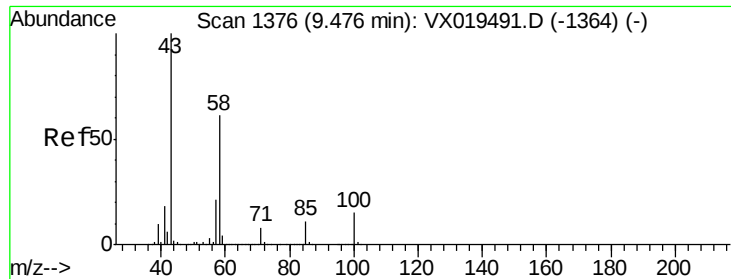
Tot Ion: 76 Resp: 3402
 Ion Ratio Lower Upper
 76 100
 78 34.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.829 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019488.D
 Acq: 20 Nov 2020 09:09

Tgt Ion: 63 Resp: 10405
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.7 35.5

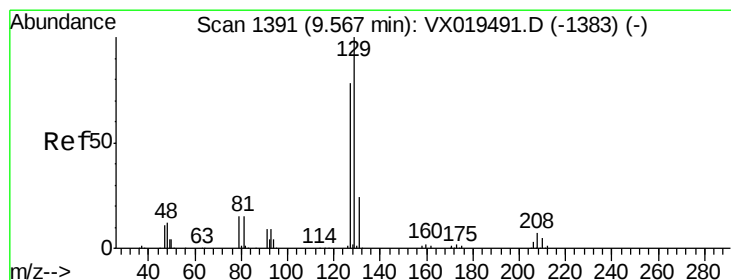
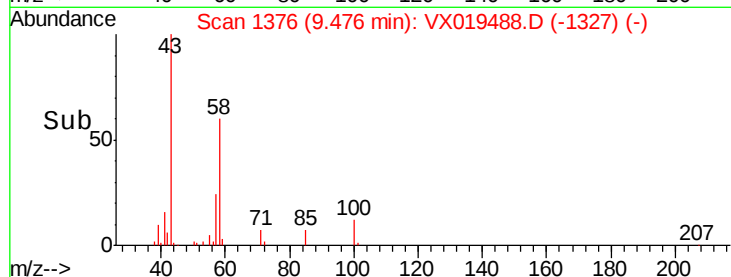
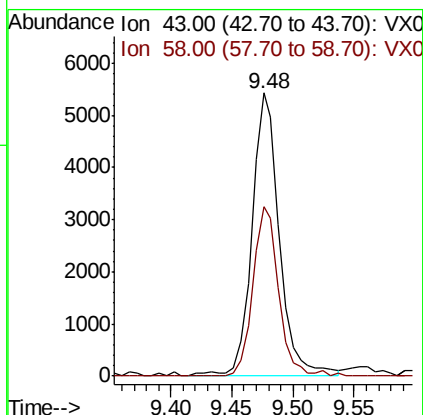
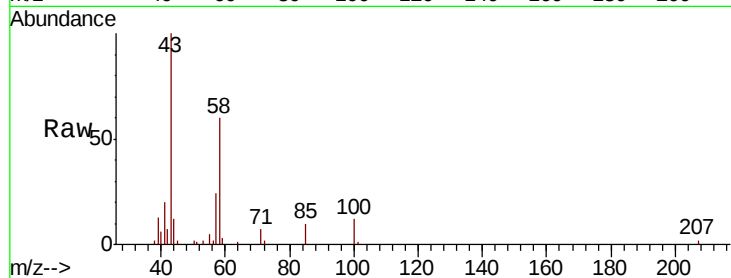




#59
2-Hexanone
Concen: 4.339 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

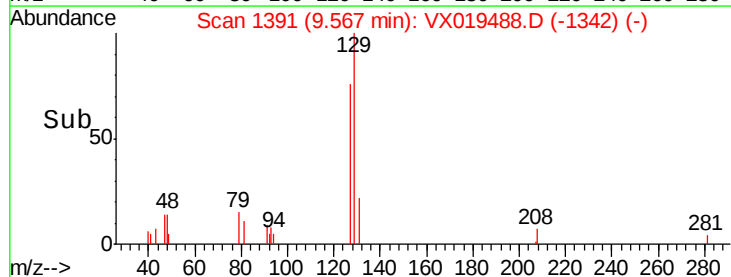
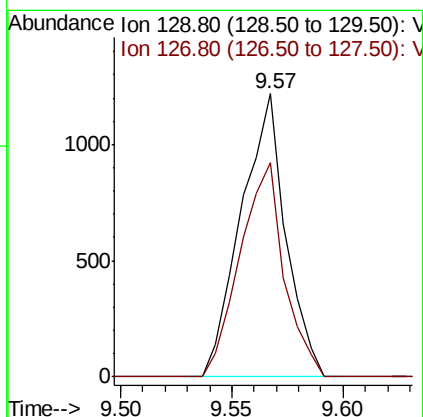
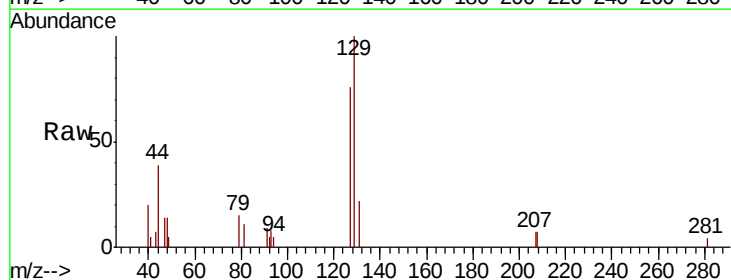
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

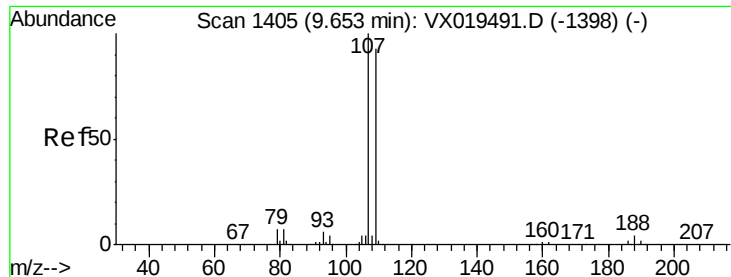
Tot Ion: 43 Resp: 8517
Ion Ratio Lower Upper
43 100
58 56.2 30.6 91.6



#60
Dibromochloromethane
Concen: 0.807 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Tgt Ion: 129 Resp: 1701
Ion Ratio Lower Upper
129 100
127 74.8 39.0 116.9





#61

1,2-Dibromoethane

Concen: 0.919 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

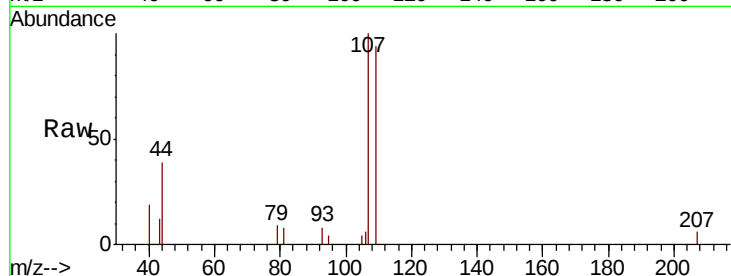
VSTDIC001

Tot Ion:107 Resp: 2039

Ion Ratio Lower Upper

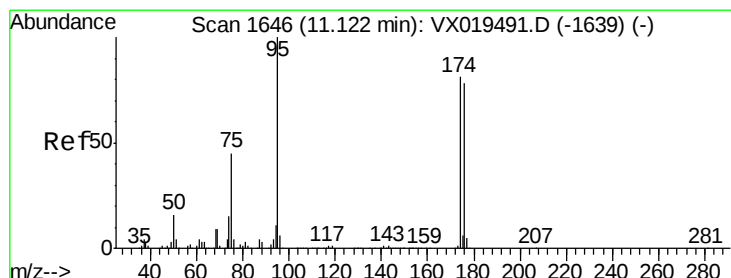
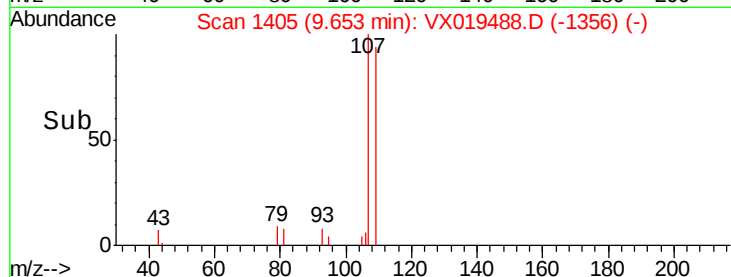
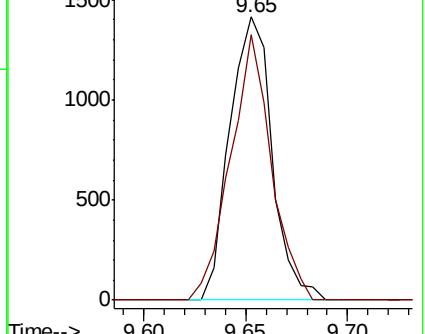
107 100

109 90.3 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.044 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

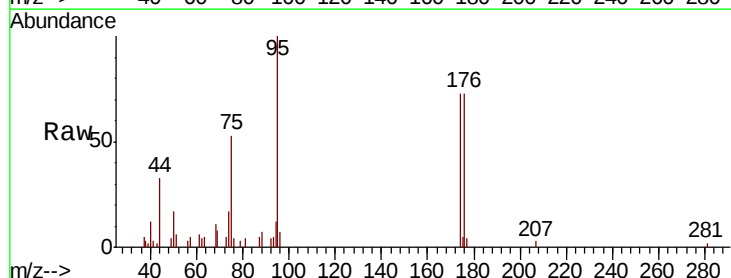
Tgt Ion: 95 Resp: 2748

Ion Ratio Lower Upper

95 100

174 88.1 0.0 156.2

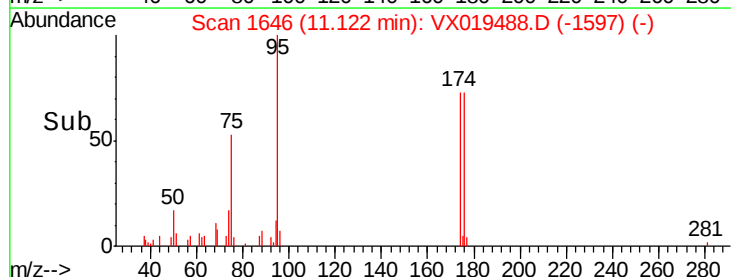
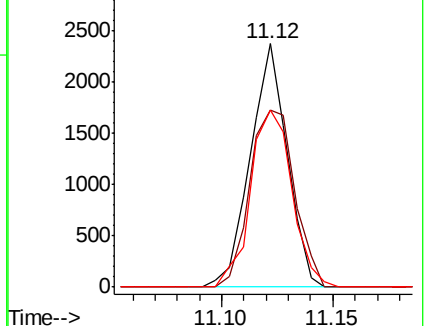
176 81.7 0.0 151.4

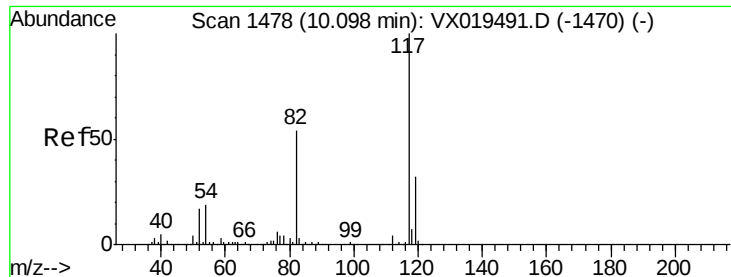


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

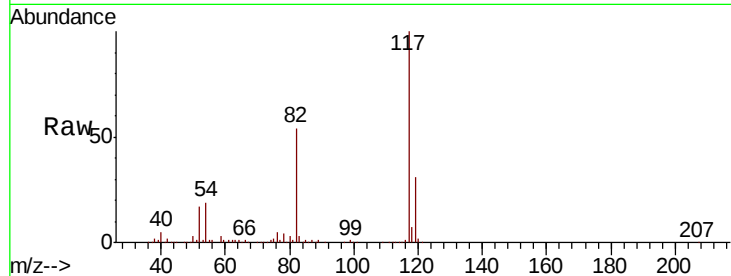




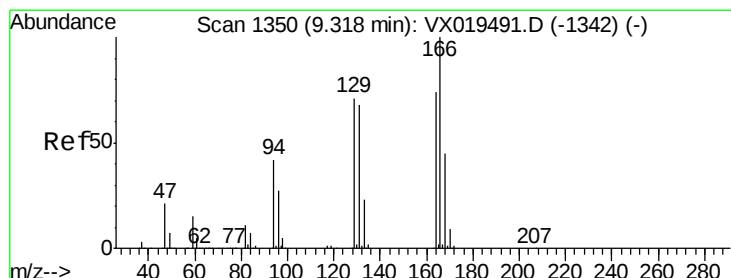
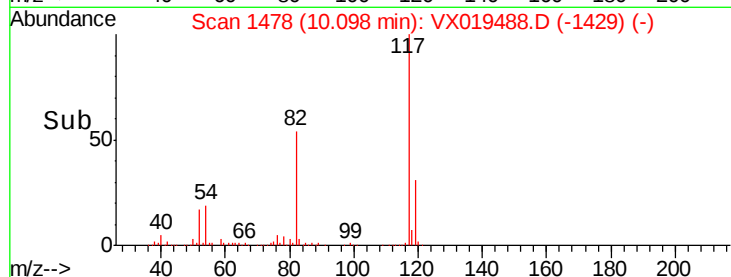
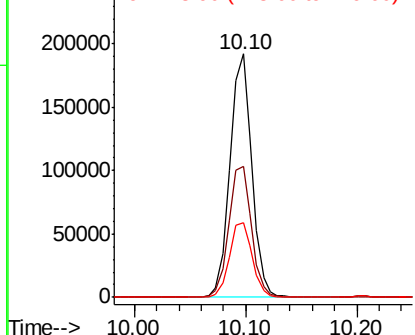
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 261064
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 30.6 25.6 38.4

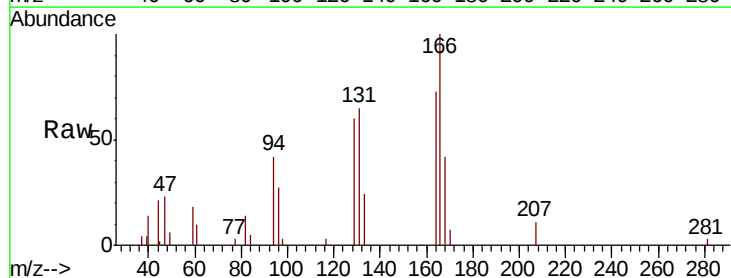


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

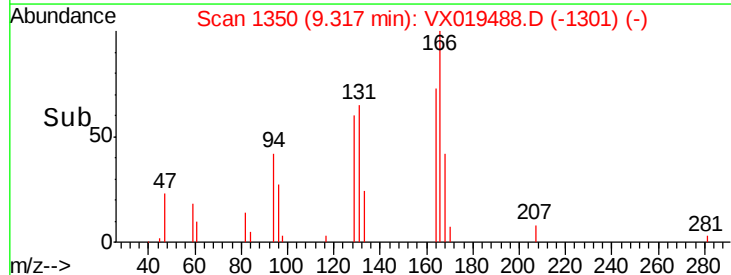
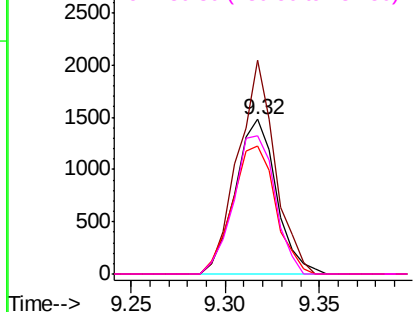


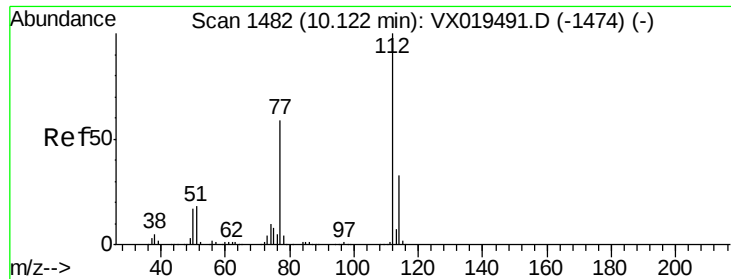
#64
Tetrachloroethene
Concen: 1.090 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Tgt Ion:164 Resp: 2237
Ion Ratio Lower Upper
164 100
166 137.9 107.4 161.0
129 83.0 76.6 114.8
131 89.6 72.6 108.8



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

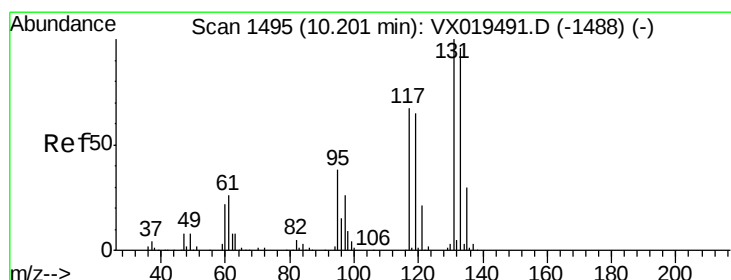
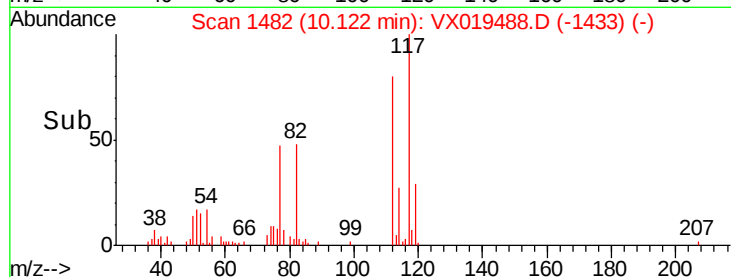
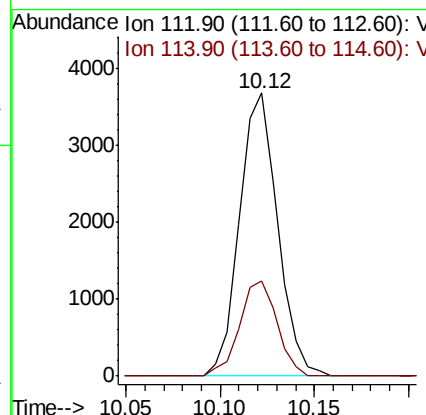
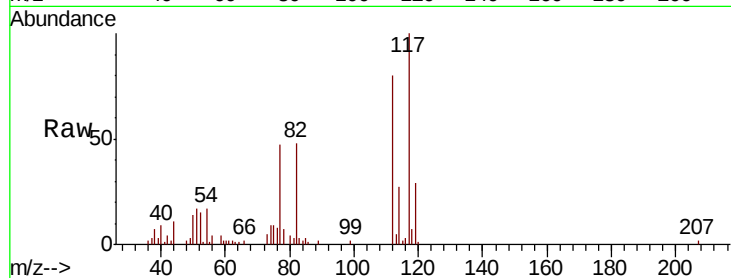




#65
Chlorobenzene
Concen: 0.964 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

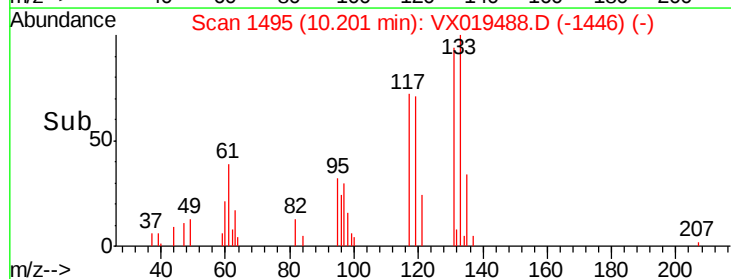
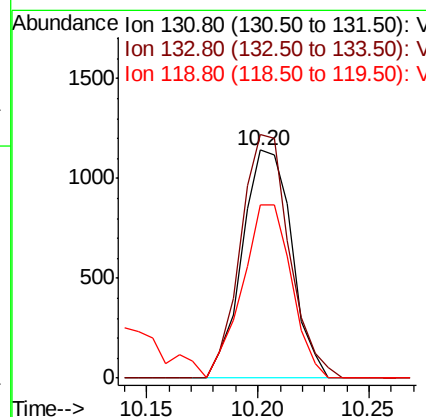
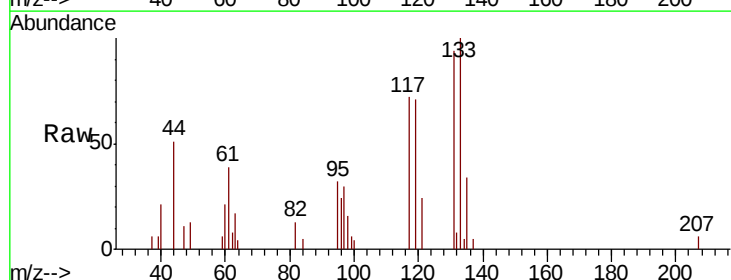
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

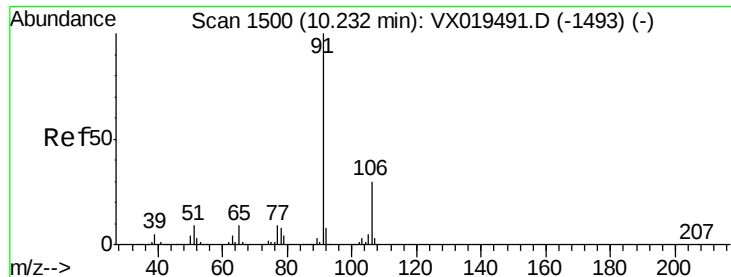
Tot Ion:112 Resp: 5173
Ion Ratio Lower Upper
112 100
114 33.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 0.905 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Tgt Ion:131 Resp: 1767
Ion Ratio Lower Upper
131 100
133 105.3 48.5 145.5
119 0.0 33.0 99.0#

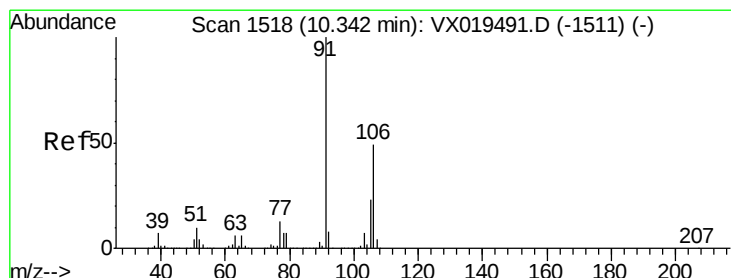
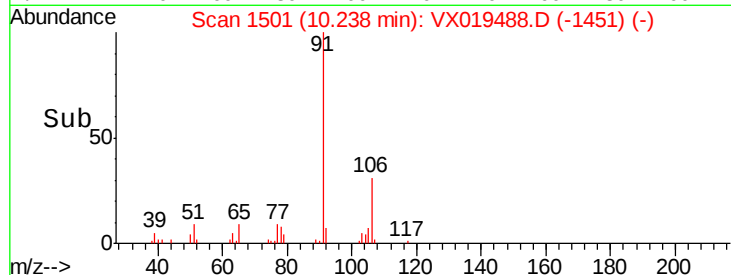
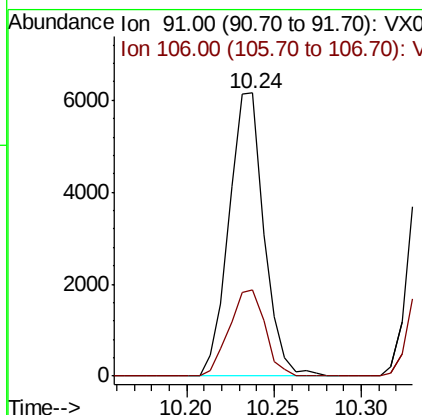
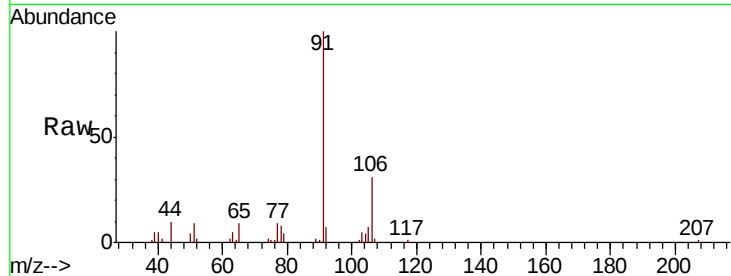




#67
Ethyl Benzene
Concen: 0.915 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

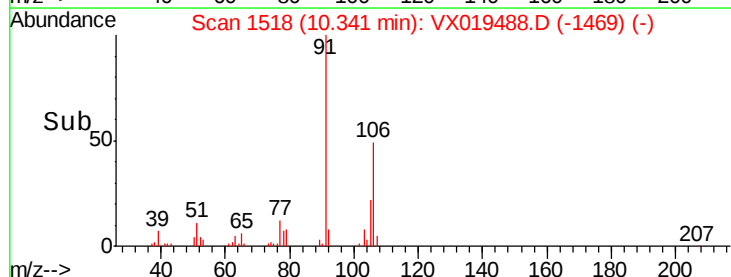
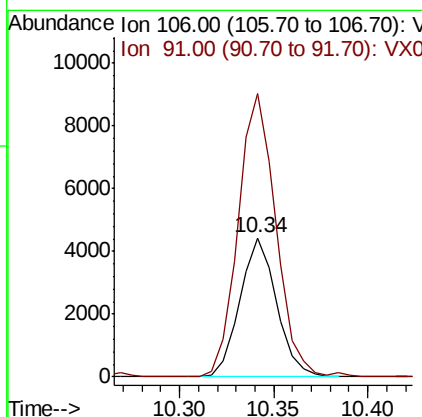
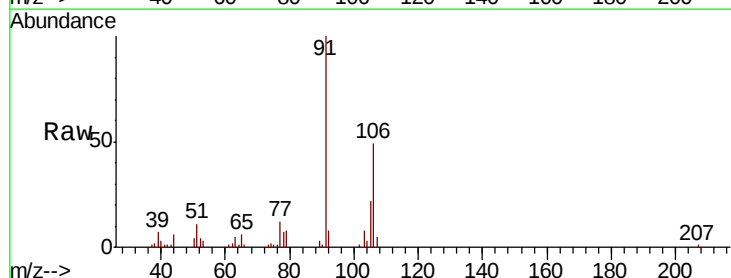
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

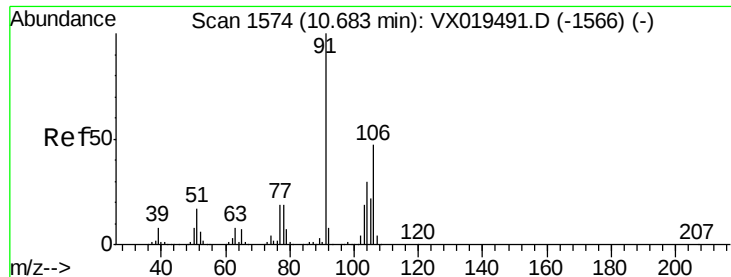
Tot Ion: 91 Resp: 8602
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0



#68
m/p-Xylenes
Concen: 1.708 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Tgt Ion: 106 Resp: 5983
Ion Ratio Lower Upper
106 100
91 209.2 163.3 244.9

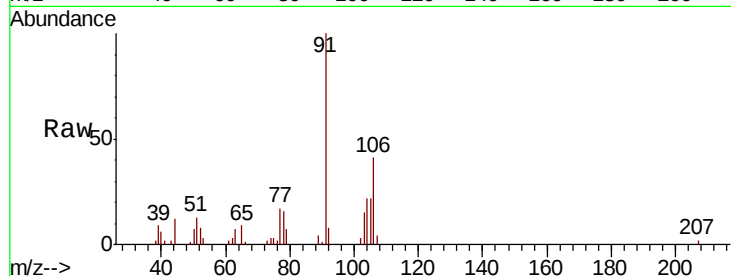




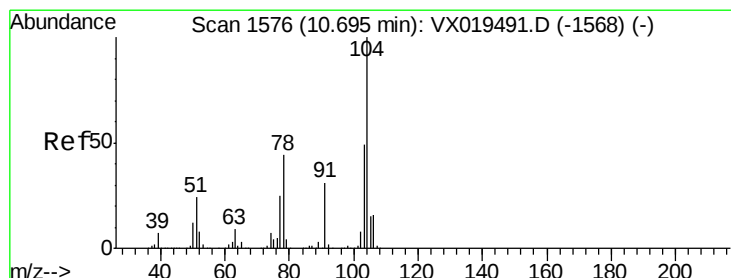
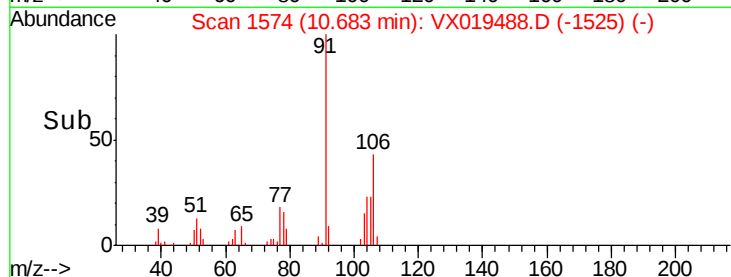
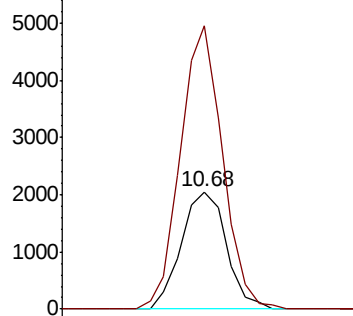
#69
o-Xylene
Concen: 0.860 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 2879
Ion Ratio Lower Upper
106 100
91 225.8 108.0 324.0

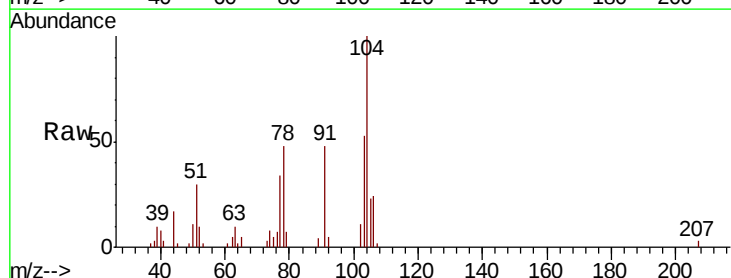


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

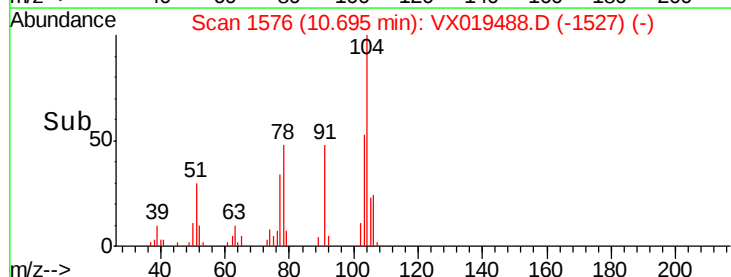
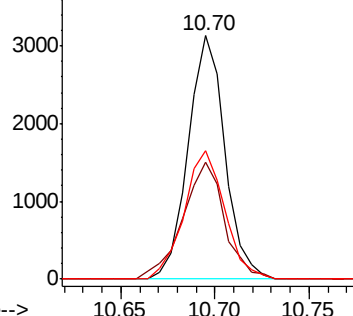


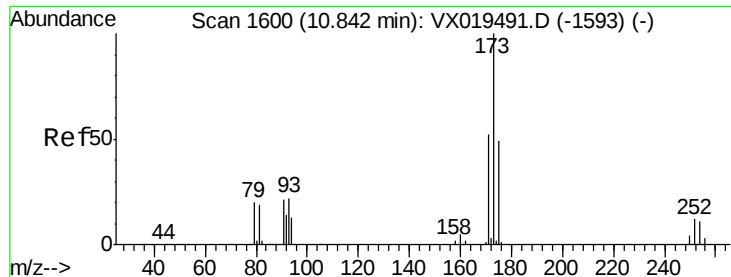
#70
Styrene
Concen: 0.759 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Tgt Ion:104 Resp: 4221
Ion Ratio Lower Upper
104 100
78 54.8 39.5 59.3
103 58.2 43.6 65.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.752 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

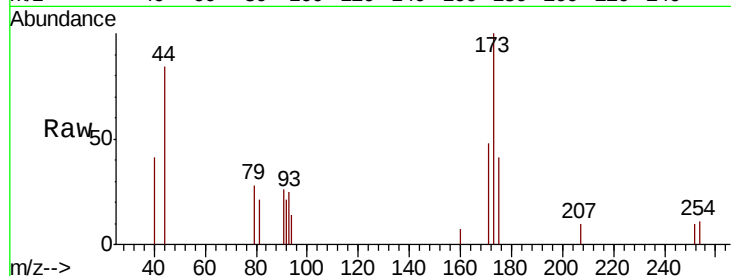
Tot Ion:173 Resp: 1074

Ion Ratio Lower Upper

173 100

175 51.2 24.9 74.8

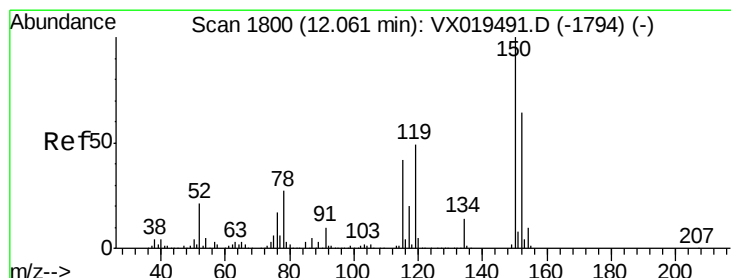
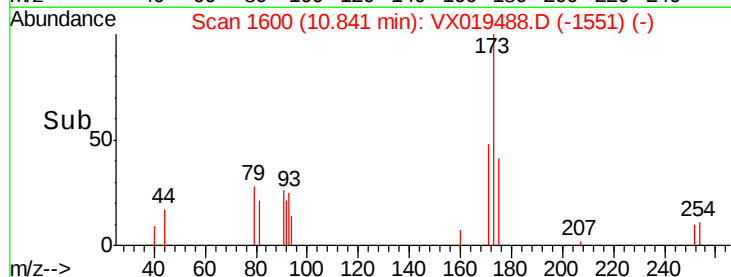
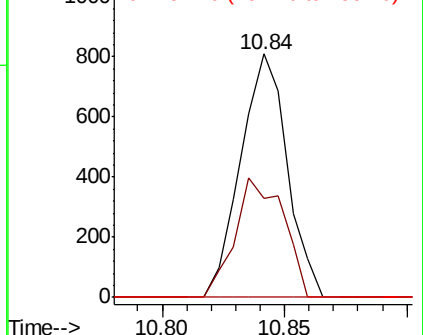
254 0.0 0.1 0.1#



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: VX019488.D

Acq: 20 Nov 2020 09:09

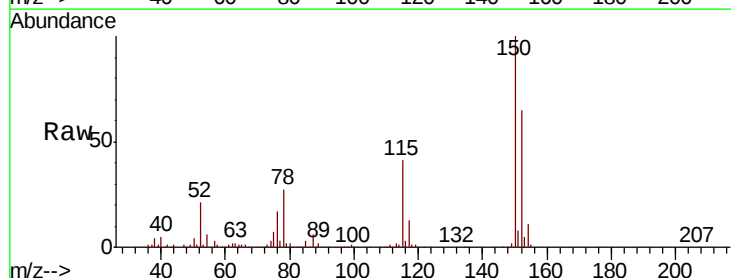
Tgt Ion:152 Resp: 116028

Ion Ratio Lower Upper

152 100

115 60.2 41.8 125.4

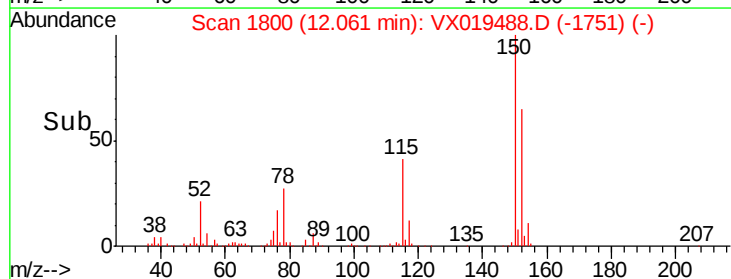
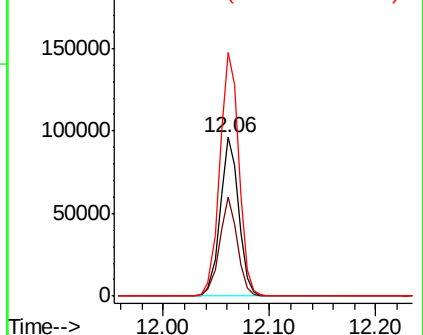
150 158.3 0.0 348.2



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: 0.911 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

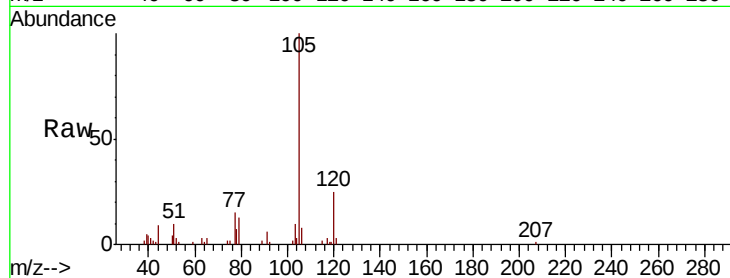
VSTDIC001

Tot Ion:105 Resp: 7313

Ion Ratio Lower Upper

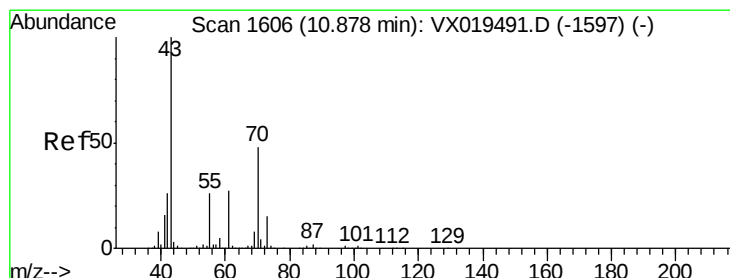
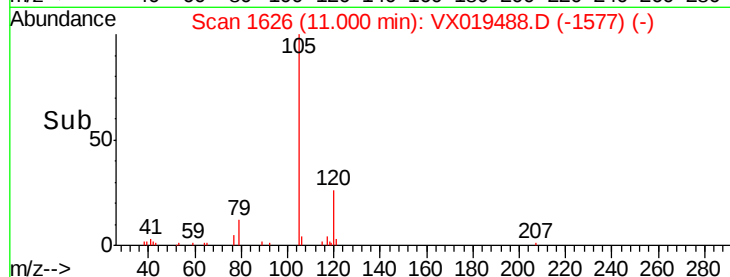
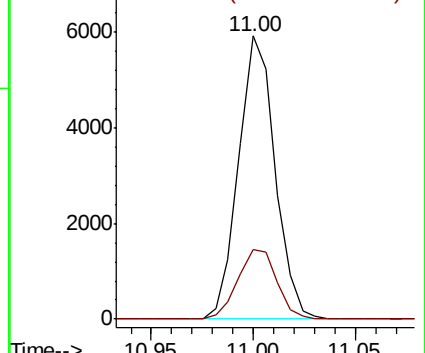
105 100

120 26.4 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.849 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Tgt Ion: 43 Resp: 2554

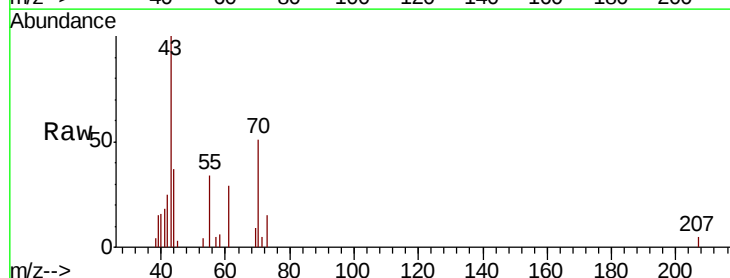
Ion Ratio Lower Upper

43 100

70 48.2 39.7 59.5

55 31.2 21.8 32.6

61 28.3 22.2 33.4

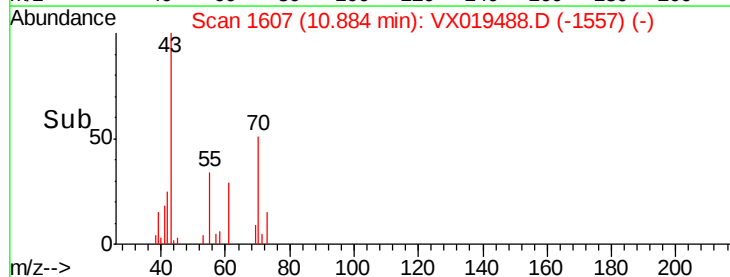
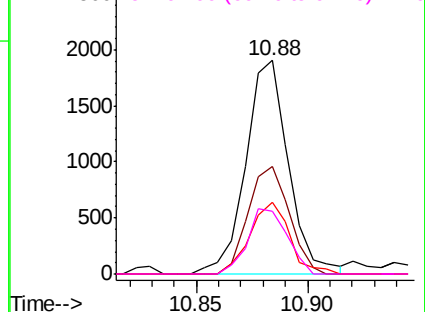


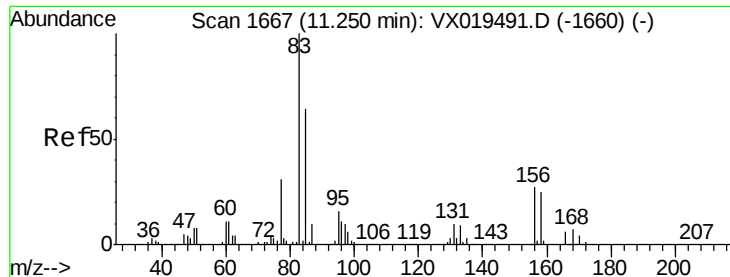
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.070 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

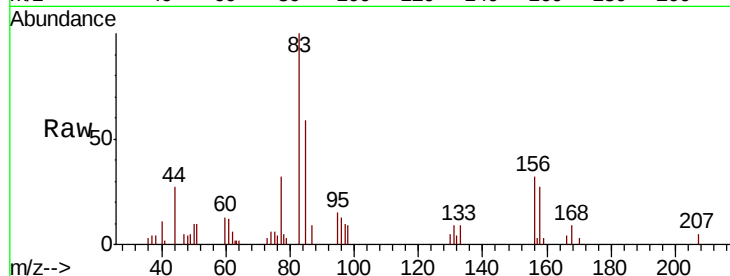
Tot Ion: 83 Resp: 3070

Ion Ratio Lower Upper

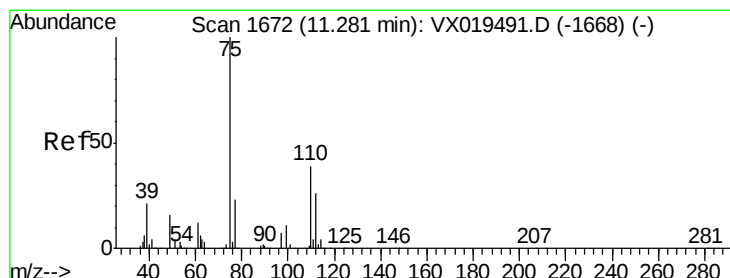
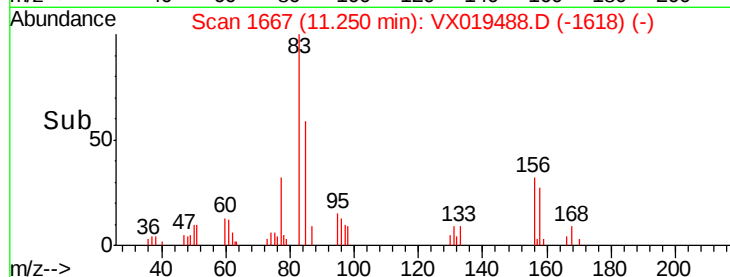
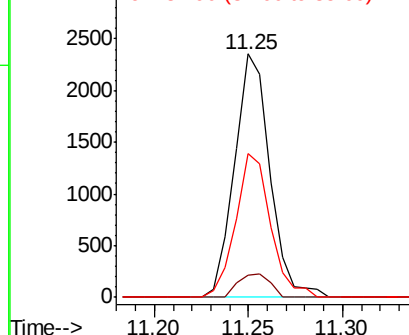
83 100

131 8.6 5.0 15.0

85 58.1 32.4 97.2



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



#76

1,2,3-Trichloropropane

Concen: 1.223 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019488.D

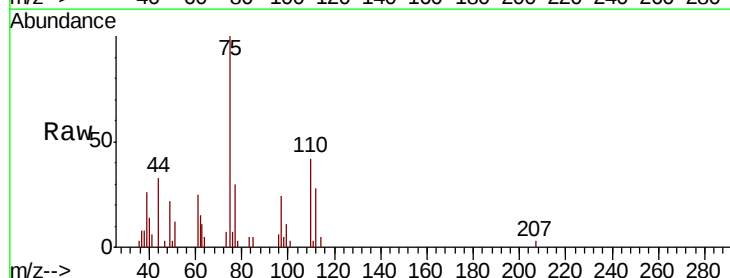
Acq: 20 Nov 2020 09:09

Tgt Ion: 75 Resp: 3097

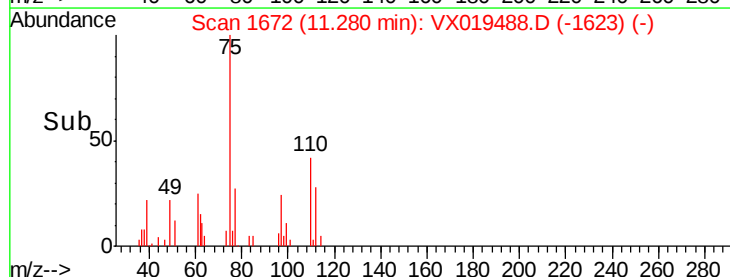
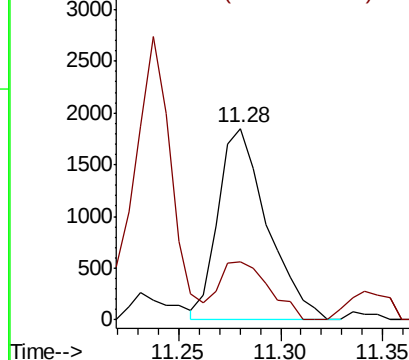
Ion Ratio Lower Upper

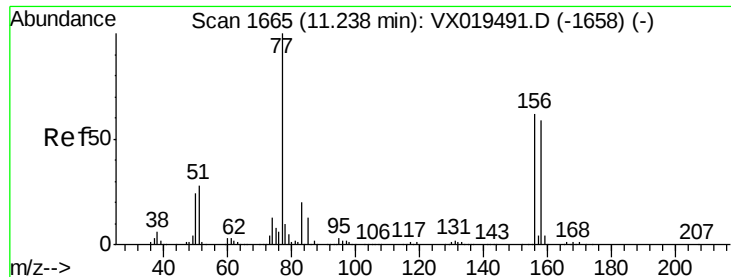
75 100

77 30.8 20.0 60.0



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





#77

Bromobenzene

Concen: 1.009 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

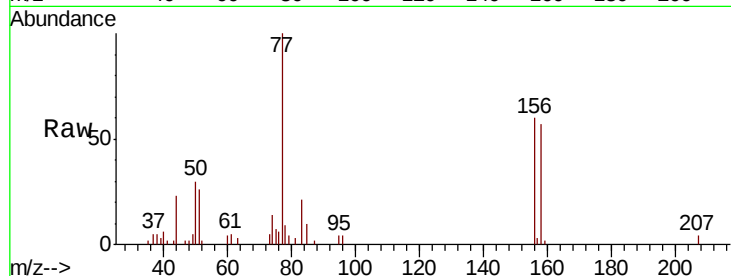
Tot Ion:156 Resp: 2067

Ion Ratio Lower Upper

156 100

77 167.2 82.5 247.3

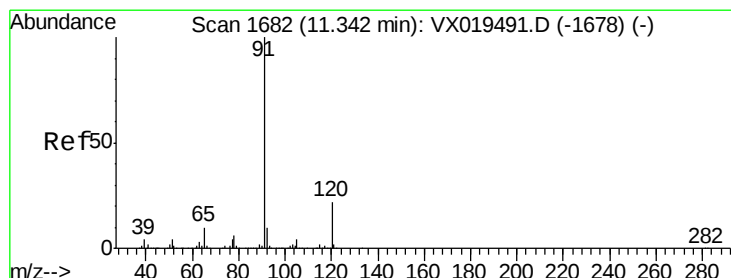
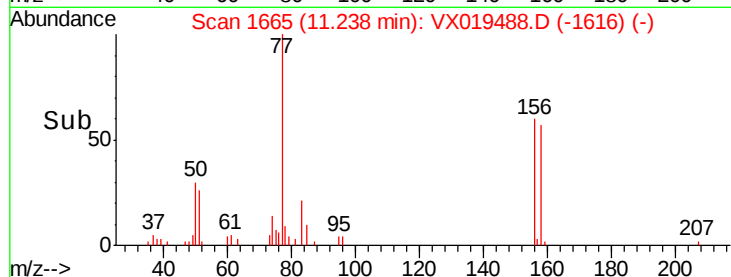
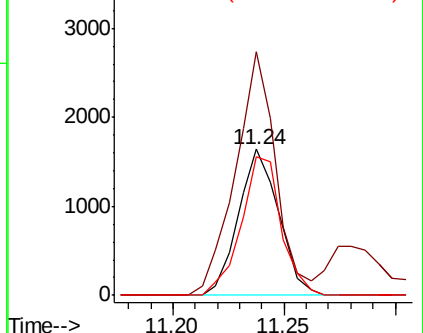
158 94.8 48.9 146.7



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: 0.913 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019488.D

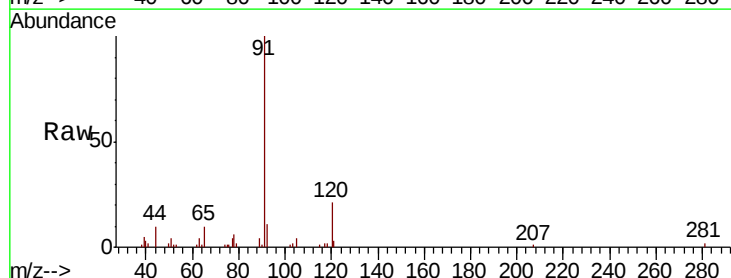
Acq: 20 Nov 2020 09:09

Tgt Ion: 91 Resp: 8409

Ion Ratio Lower Upper

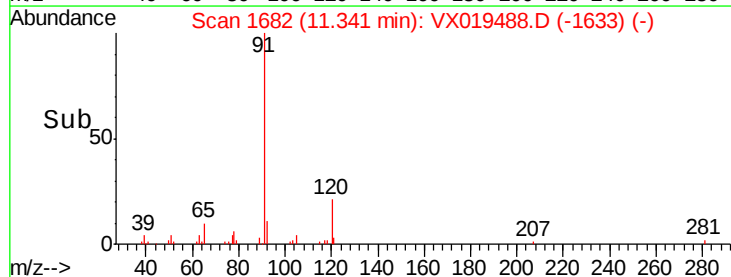
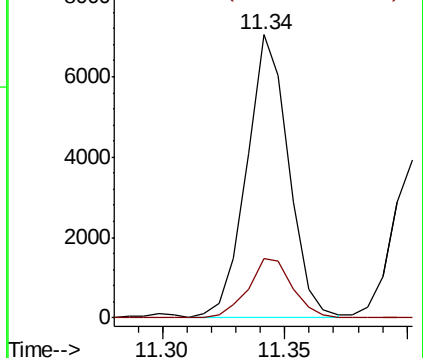
91 100

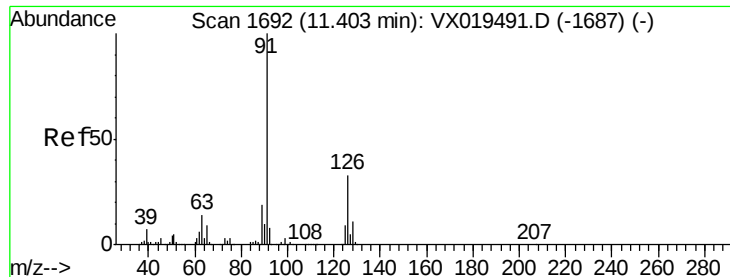
120 22.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.954 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

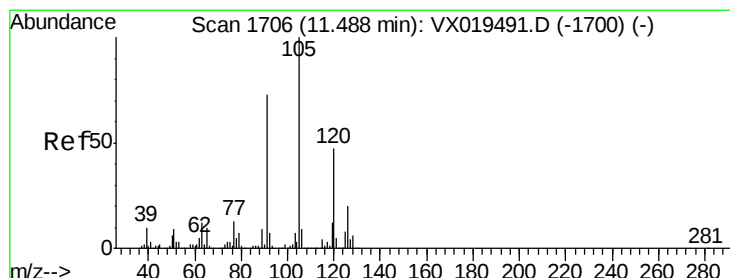
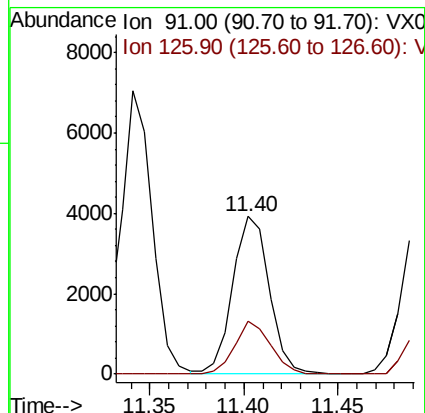
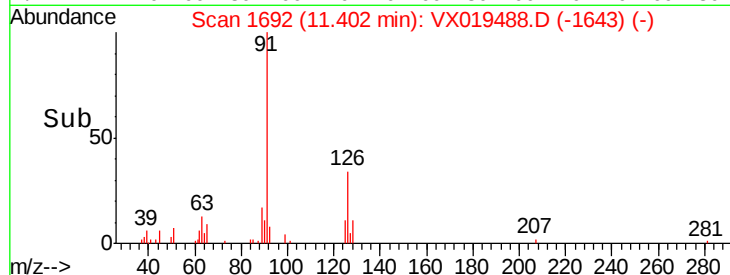
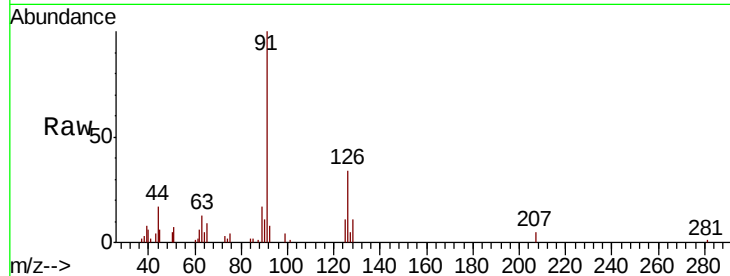
VSTDIC001

Tot Ion: 91 Resp: 5327

Ion Ratio Lower Upper

91 100

126 32.2 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 0.847 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019488.D

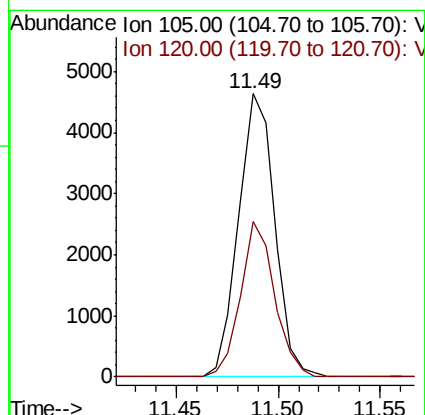
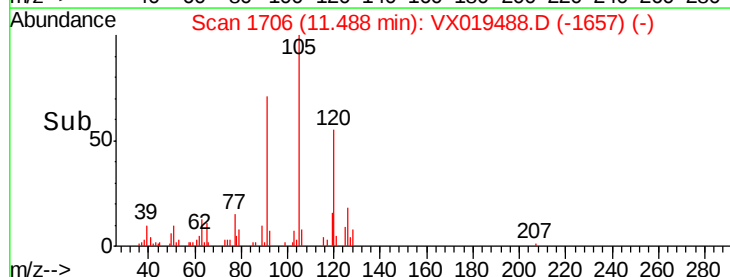
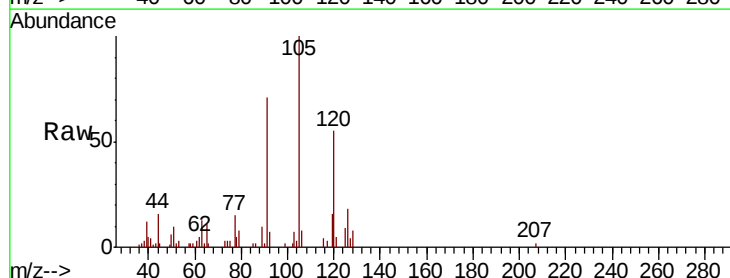
Acq: 20 Nov 2020 09:09

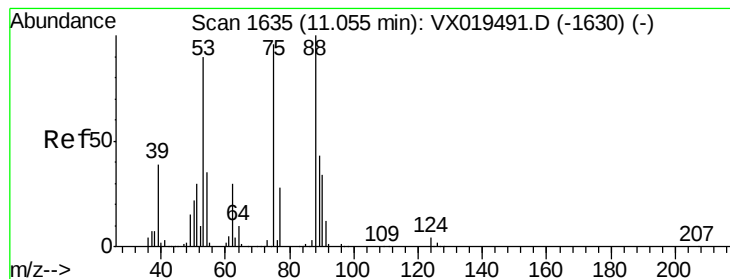
Tgt Ion: 105 Resp: 5706

Ion Ratio Lower Upper

105 100

120 51.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 0.743 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

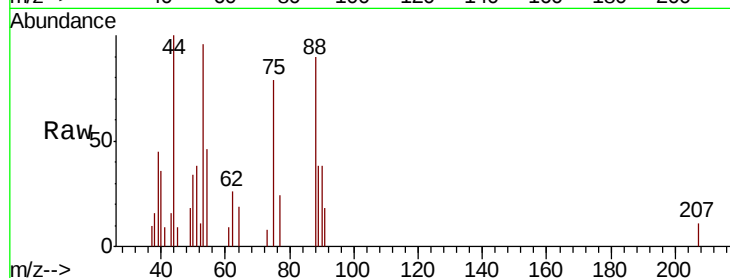
Tot Ion: 75 Resp: 640

Ion Ratio Lower Upper

75 100

53 125.0 73.9 110.9#

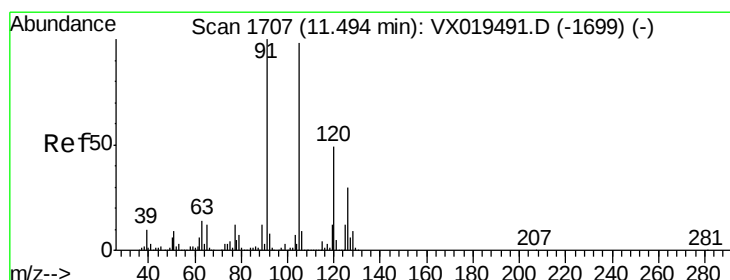
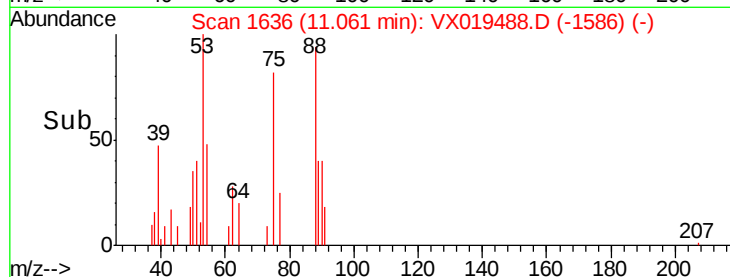
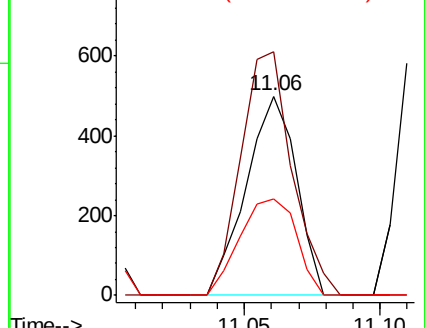
89 54.7 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.925 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019488.D

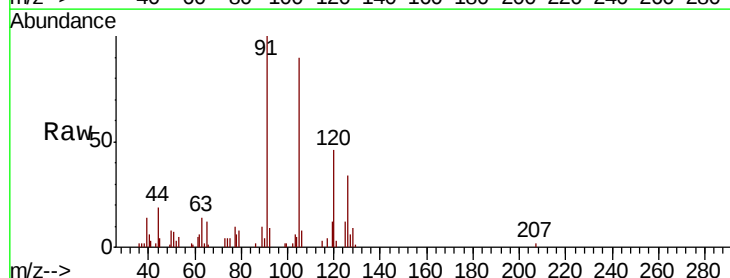
Acq: 20 Nov 2020 09:09

Tgt Ion: 91 Resp: 6083

Ion Ratio Lower Upper

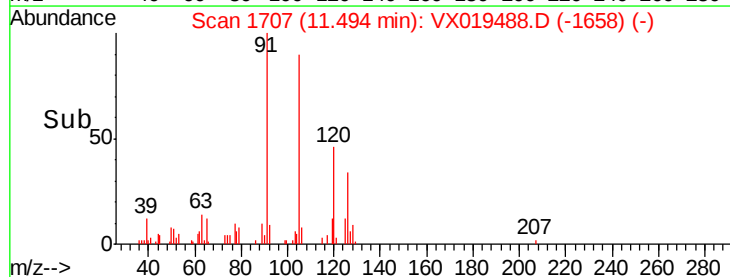
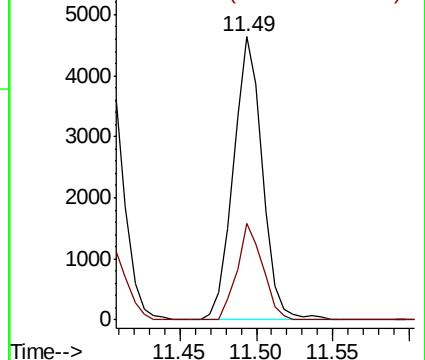
91 100

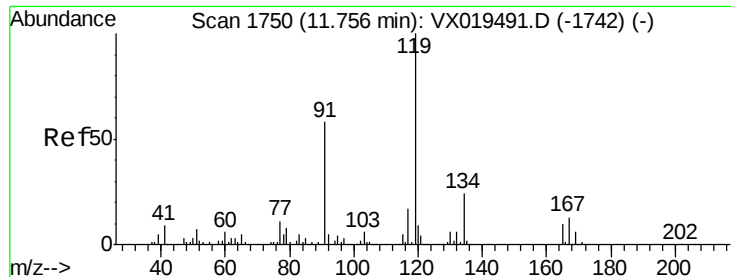
126 30.0 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

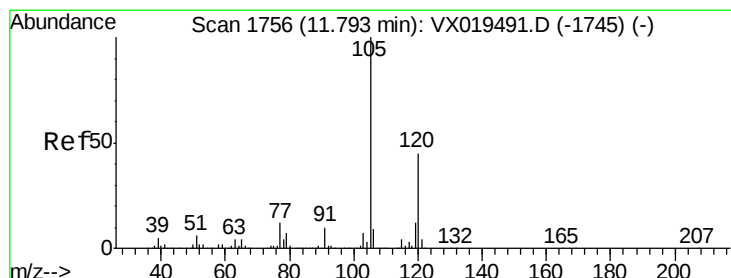
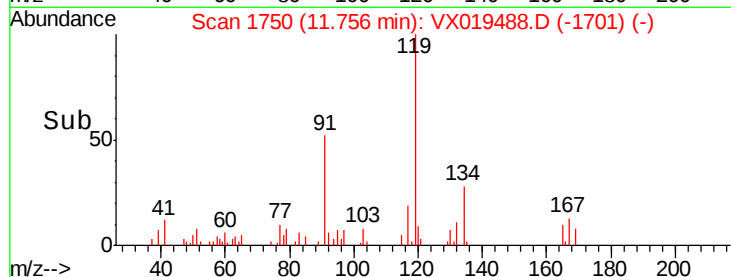
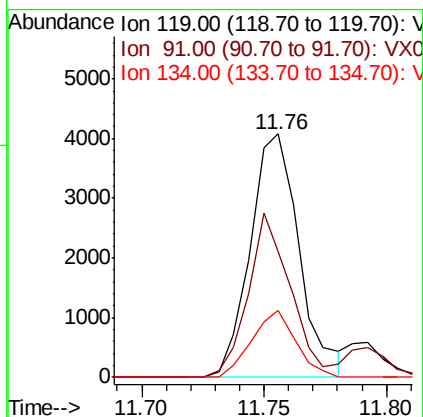
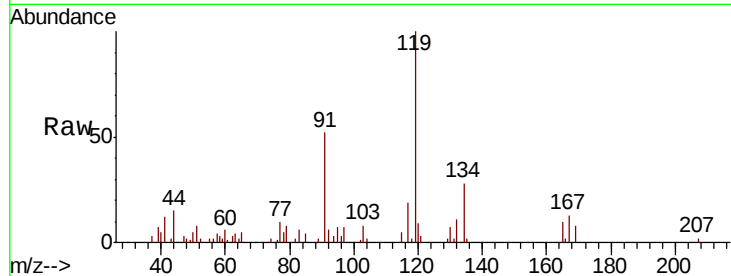




#83
tert-Butylbenzene
Concen: 0.873 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

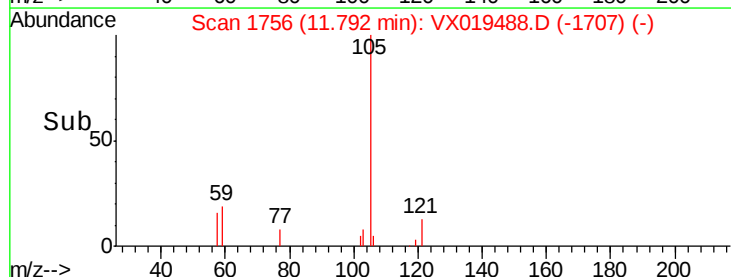
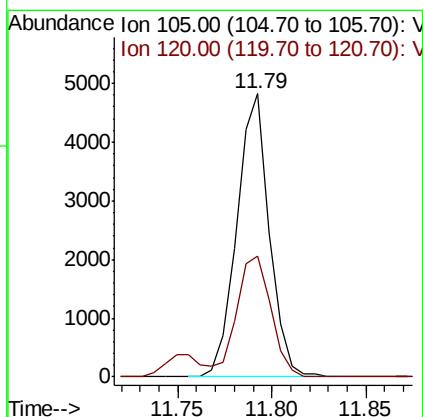
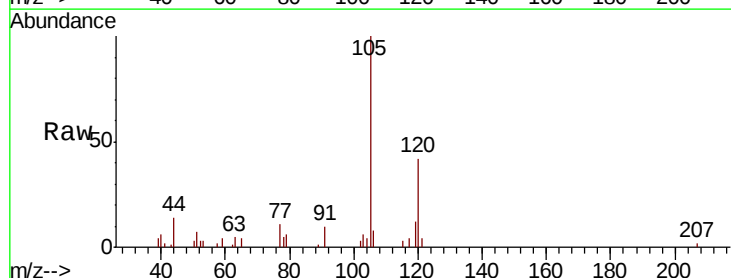
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

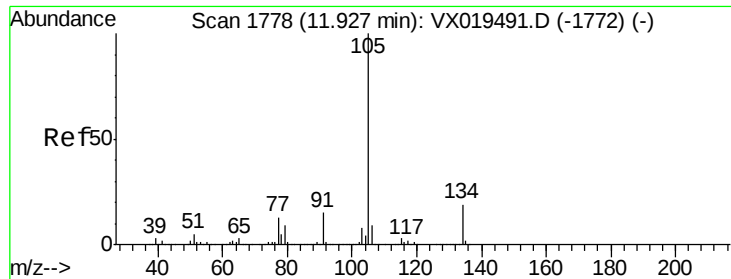
Tot Ion:119 Resp: 5686
Ion Ratio Lower Upper
119 100
91 57.6 28.9 86.8
134 24.7 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 0.845 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Tgt Ion:105 Resp: 5755
Ion Ratio Lower Upper
105 100
120 44.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 0.853 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

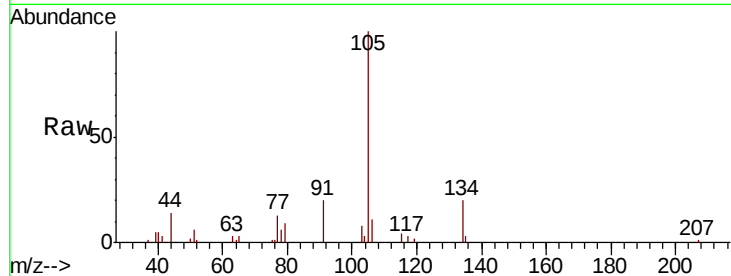
VSTDIC001

Tot Ion:105 Resp: 6613

Ion Ratio Lower Upper

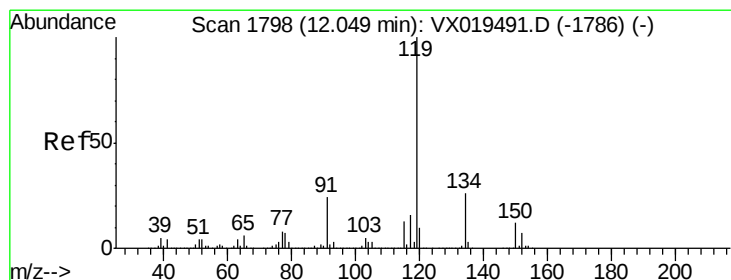
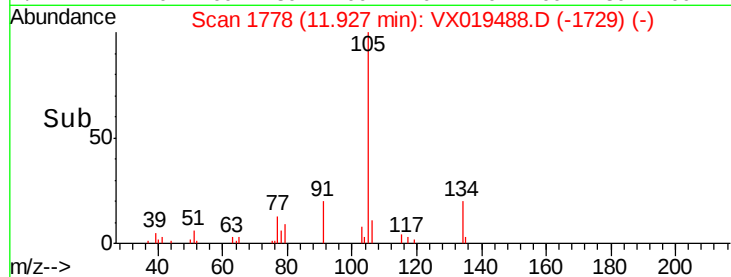
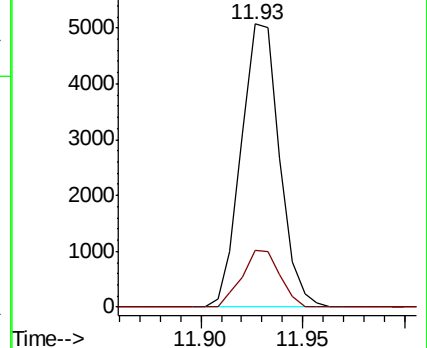
105 100

134 19.9 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.836 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

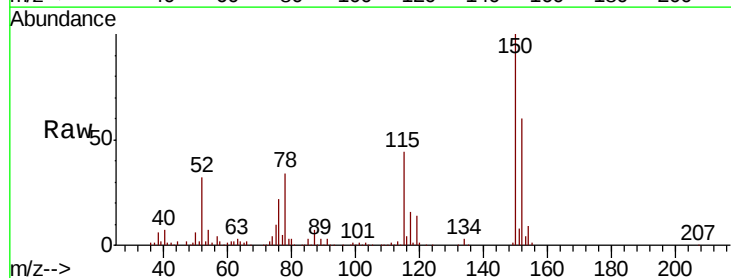
Tgt Ion:119 Resp: 5880

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

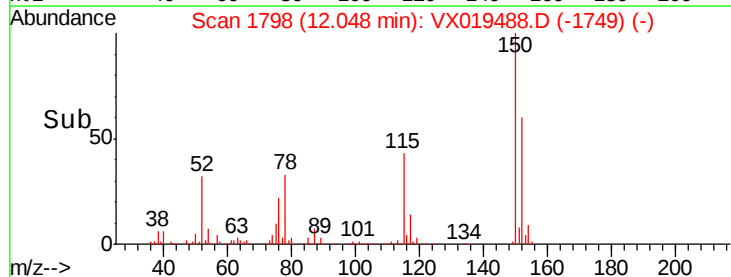
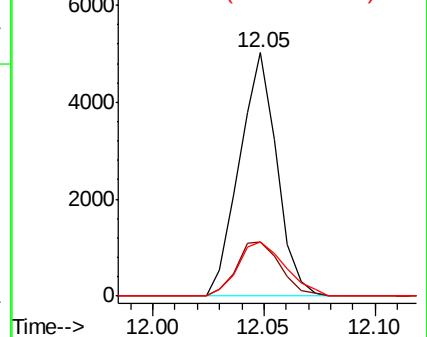
91 28.2 11.8 35.4

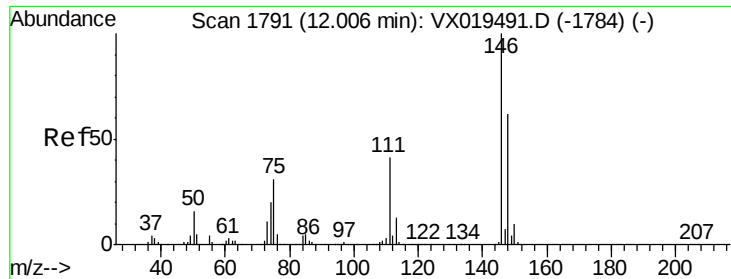


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

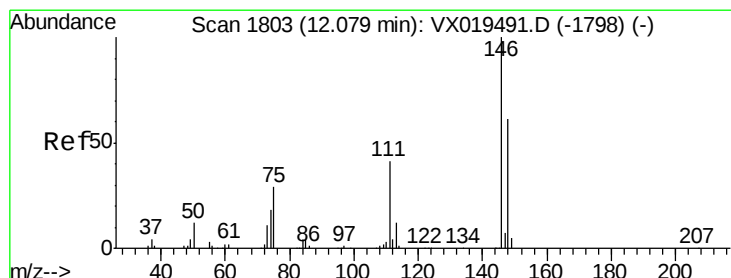
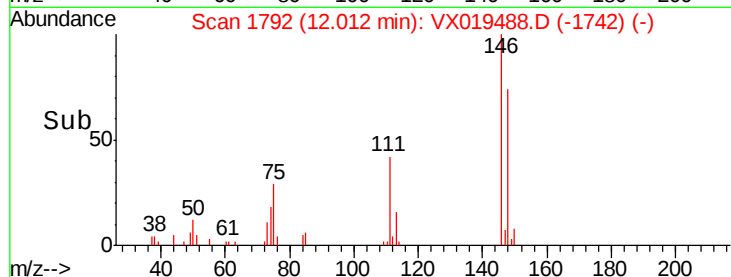
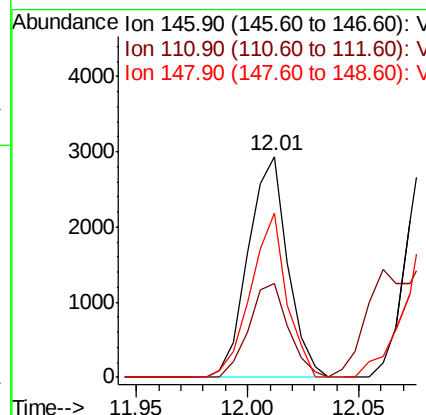
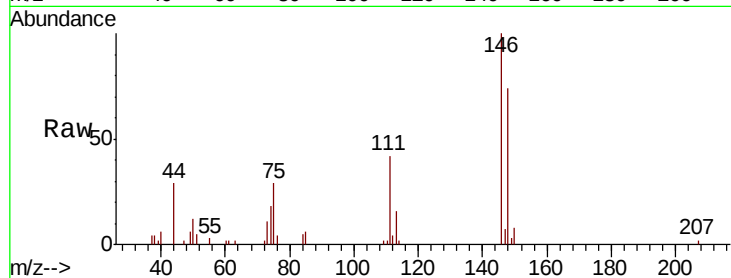




#87
 1,3-Dichlorobenzene
 Concen: 0.964 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019488.D
 Acq: 20 Nov 2020 09:09

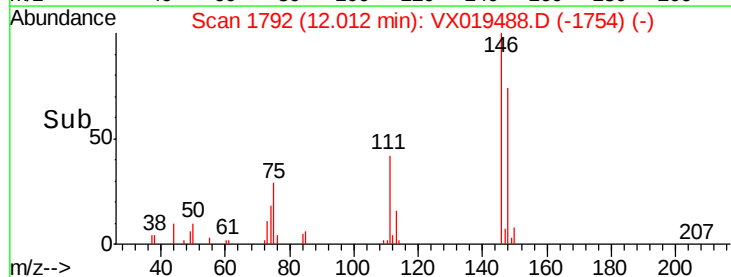
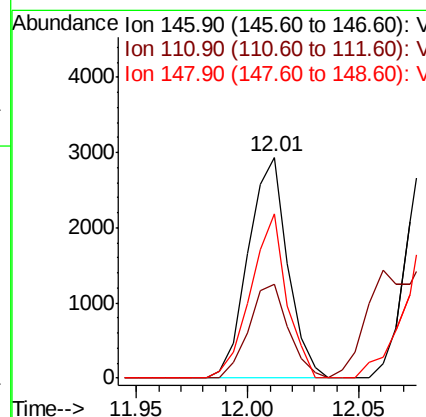
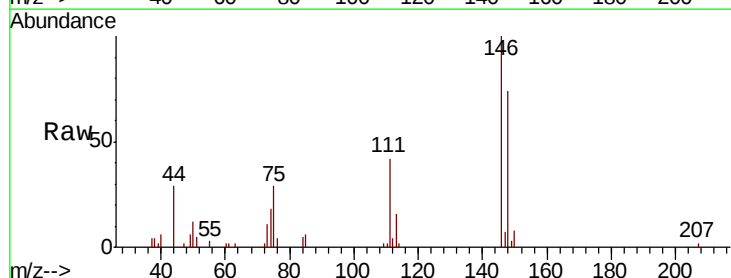
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

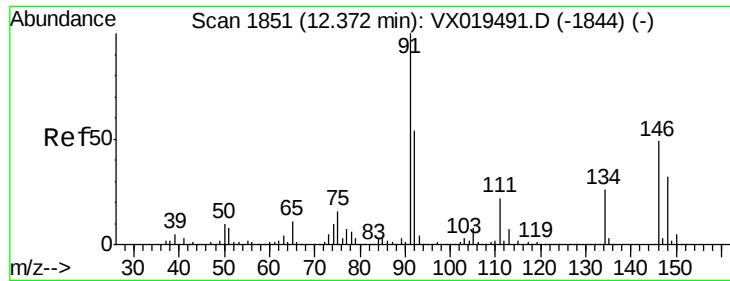
Tot Ion:146 Resp: 3627
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.2 60.6
 148 67.6 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 0.936 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX019488.D
 Acq: 20 Nov 2020 09:09

Tgt Ion:146 Resp: 3627
 Ion Ratio Lower Upper
 146 100
 111 42.8 19.9 59.6
 148 67.6 31.7 95.1

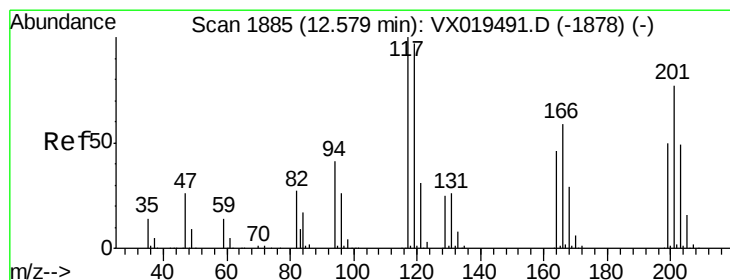
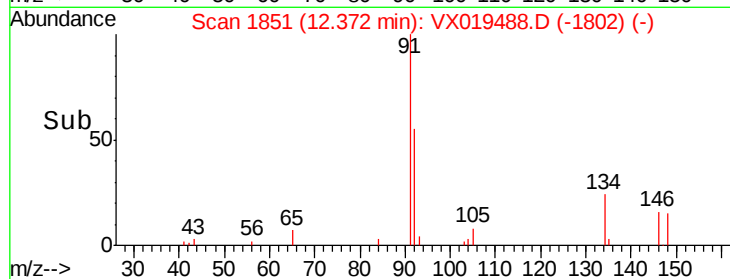
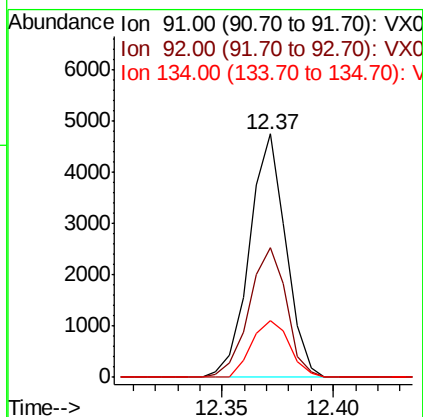
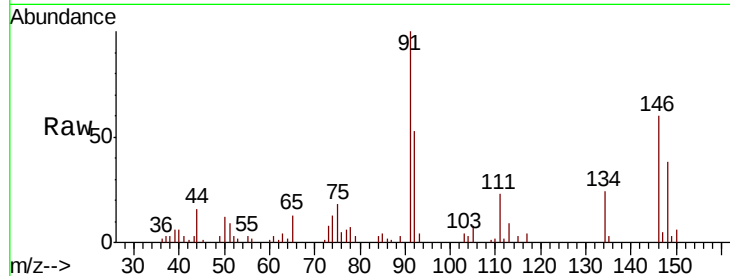




#89
n-Butylbenzene
Concen: 0.852 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

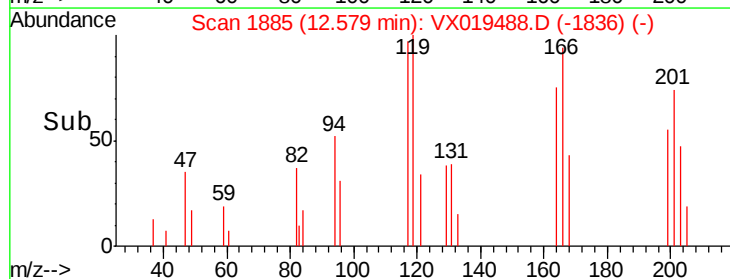
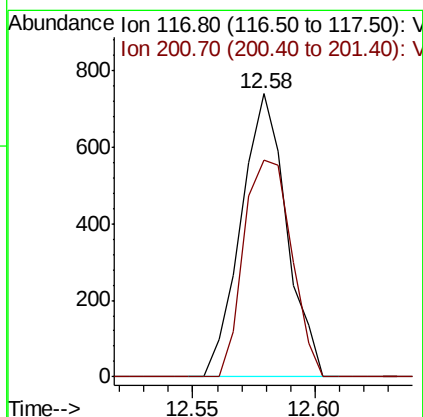
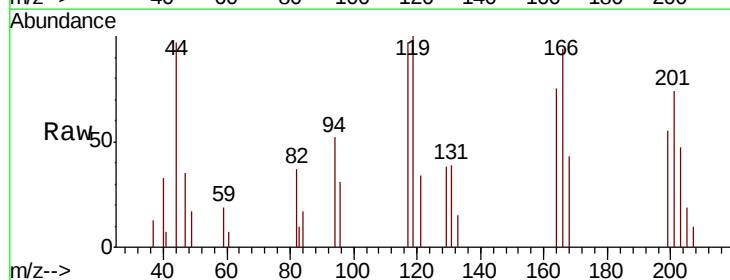
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

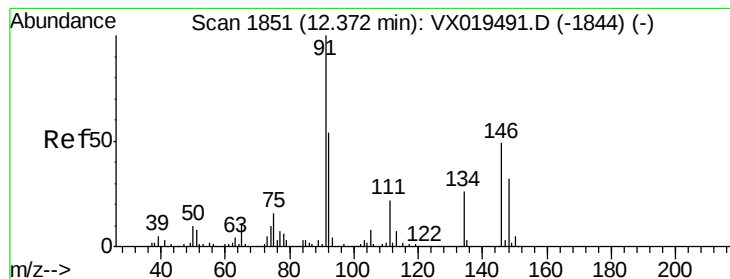
Tot Ion: 91 Resp: 5418
Ion Ratio Lower Upper
91 100
92 54.7 26.9 80.6
134 24.5 12.9 38.6



#90
Hexachloroethane
Concen: 0.815 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019488.D
Acq: 20 Nov 2020 09:09

Tgt Ion: 117 Resp: 960
Ion Ratio Lower Upper
117 100
201 79.8 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 1.030 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

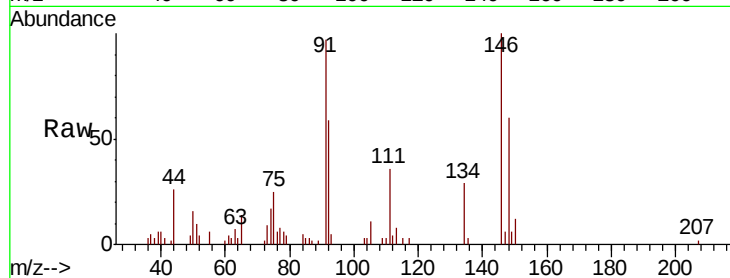
Tot Ion:146 Resp: 3894

Ion Ratio Lower Upper

146 100

111 37.4 21.1 63.3

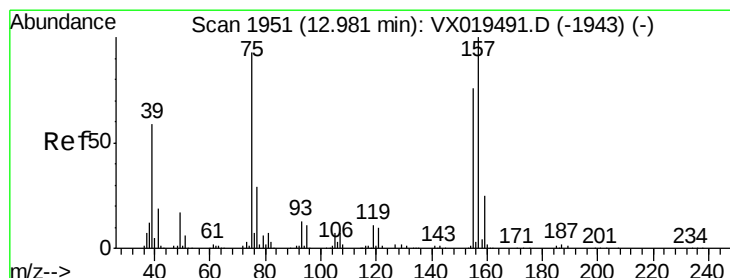
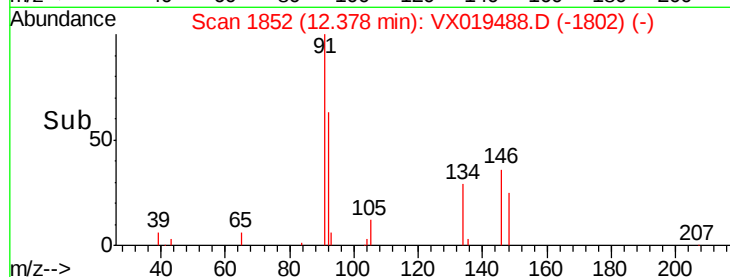
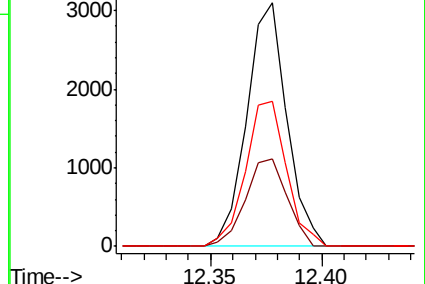
148 61.1 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.948 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

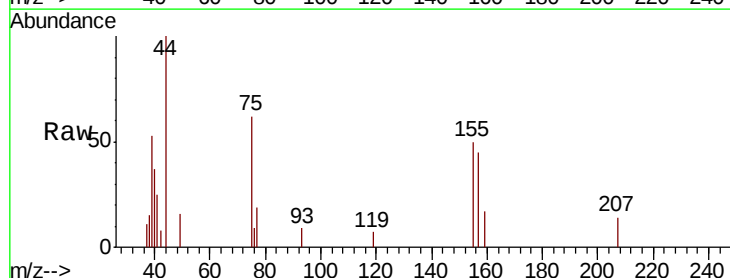
Tgt Ion: 75 Resp: 555

Ion Ratio Lower Upper

75 100

155 80.4 43.6 130.9

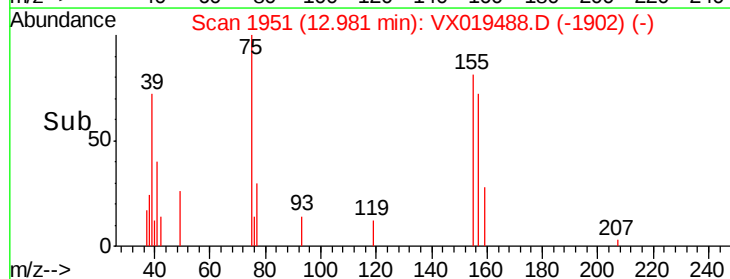
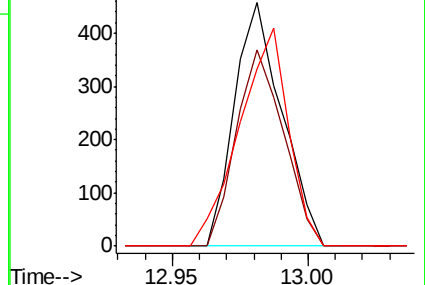
157 92.3 57.0 170.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

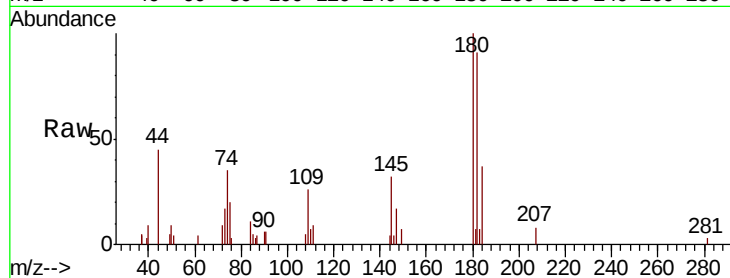




#93
 1,2,4-Trichlorobenzene
 Concen: 0.903 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019488.D
 Acq: 20 Nov 2020 09:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.2	48.6	145.9
145	31.9	15.9	47.7

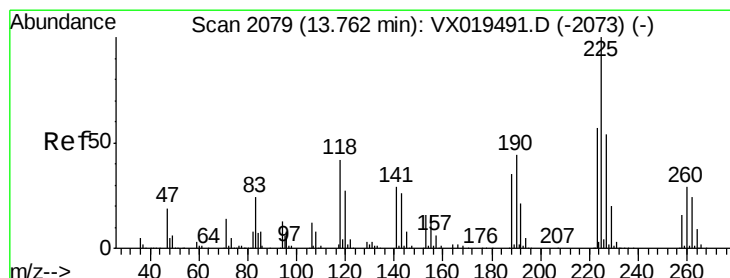
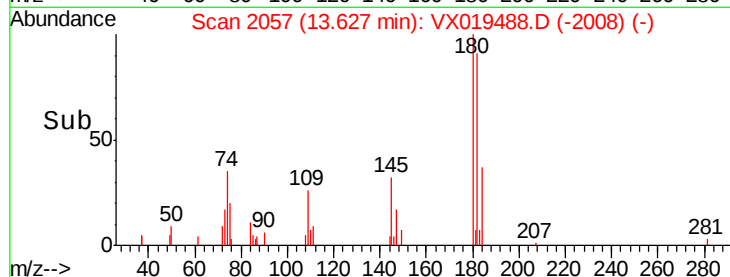
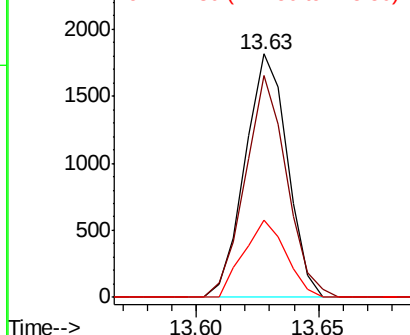


Abundance

Ion 179.80 (179.50 to 180.50): V

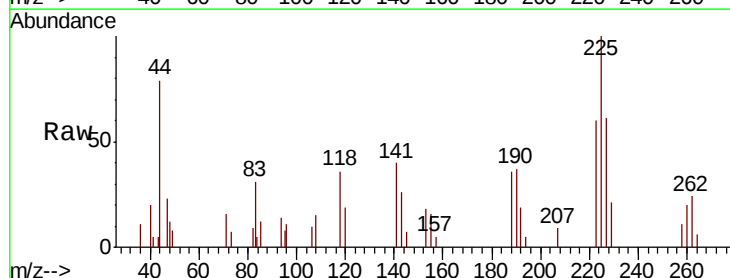
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 1.034 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019488.D
 Acq: 20 Nov 2020 09:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.2	32.5	97.5
227	65.6	32.8	98.3

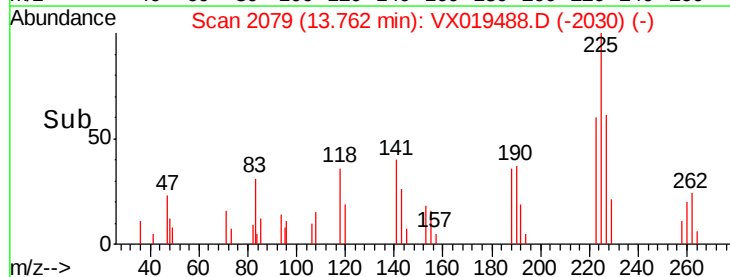
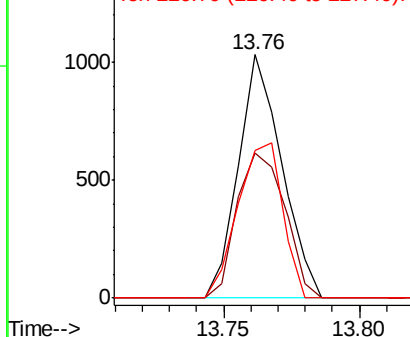


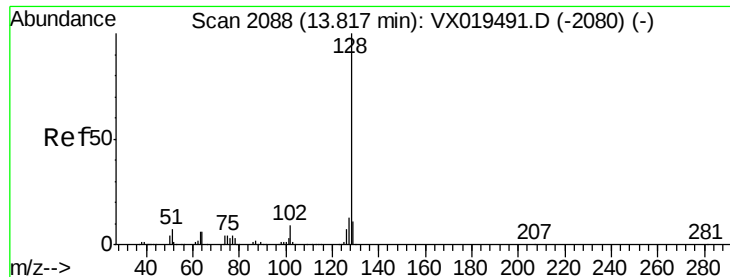
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.715 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

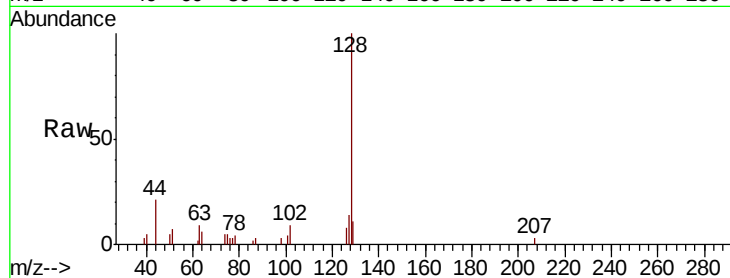
Tot Ion:128 Resp: 5371

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

129 12.1 8.7 13.1

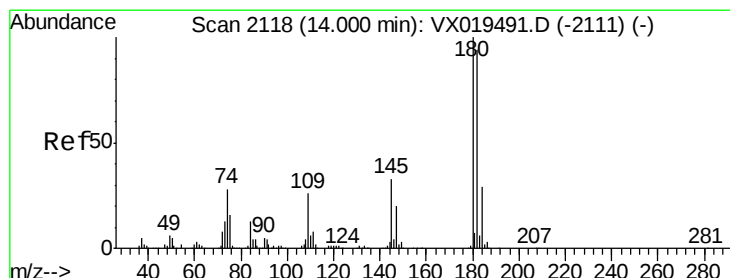
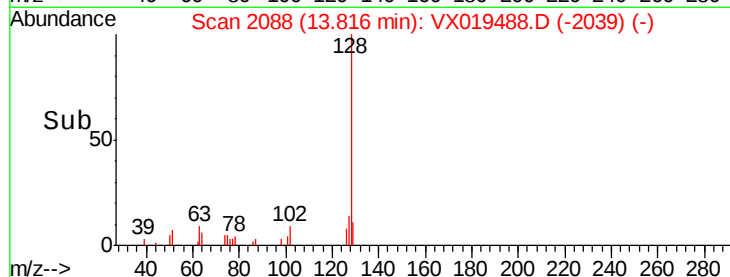
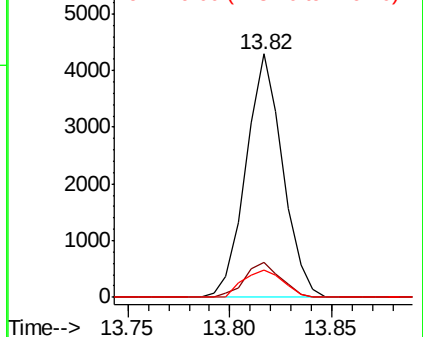


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.889 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019488.D

Acq: 20 Nov 2020 09:09

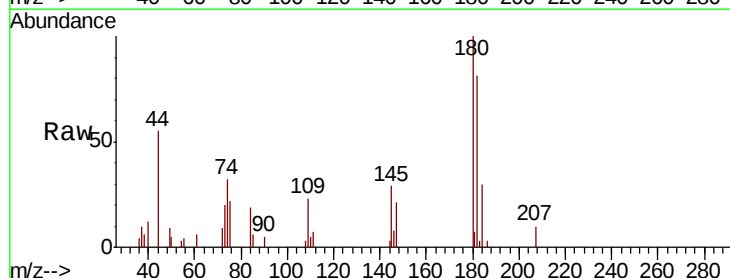
Tgt Ion:180 Resp: 2157

Ion Ratio Lower Upper

180 100

182 90.2 48.1 144.3

145 31.1 16.6 49.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

