

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100920\
 Data File : VX018849.D
 Acq On : 09 Oct 2020 11:07 am
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 16 11:36:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	199044	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	306928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	290150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	141783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	4510	1.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.08%	
35) Dibromofluoromethane	5.46	113	3557	1.63	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	3.26%	
50) Toluene-d8	8.70	98	7799	1.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.06%	
62) 4-Bromofluorobenzene	11.12	95	2557	0.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.70%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	1400	2.194	ug/l 72
3) Chloromethane	1.31	50	2173	1.165	ug/l 100
4) Vinyl Chloride	1.40	62	2258	1.083	ug/l 98
5) Bromomethane	1.64	94	1406	1.211	ug/l 97
6) Chloroethane	1.72	64	1705	1.221	ug/l # 62
7) Trichlorofluoromethane	1.92	101	4529	1.102	ug/l 99
8) Diethyl Ether	2.17	74	1615	2.411	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2126	1.077	ug/l 90
10) Methyl Iodide	2.49	142	1395	4.610	ug/l # 91
11) Tert butyl alcohol	2.99	59	4226	9.140	ug/l 94
12) 1,1-Dichloroethene	2.36	96	2650	2.127	ug/l # 69
13) Acrolein	2.28	56	2391	6.215	ug/l # 79
14) Allyl chloride	2.71	41	3639	1.092	ug/l # 90
15) Acrylonitrile	3.11	53	5193	5.296	ug/l 95
16) Acetone	2.42	43	9145	3.133	ug/l # 82
17) Carbon Disulfide	2.55	76	5913	1.097	ug/l # 94
18) Methyl Acetate	2.75	43	2935	1.203	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	6093	0.989	ug/l 97
20) Methylene Chloride	2.83	84	2828	1.841	ug/l # 83
21) trans-1,2-Dichloroethene	3.14	96	2426	1.138	ug/l # 86
22) Diisopropyl ether	3.82	45	6198	1.039	ug/l # 91
23) Vinyl Acetate	3.78	43	25929	4.520	ug/l 95
24) 1,1-Dichloroethane	3.67	63	4856	1.211	ug/l 96
25) 2-Butanone	4.64	43	8394	5.279	ug/l 97
26) 2,2-Dichloropropane	4.54	77	4495	1.162	ug/l 92
27) cis-1,2-Dichloroethene	4.57	96	2650	1.119	ug/l 94
28) Bromochloromethane	4.98	49	1954	2.591	ug/l # 50
29) Tetrahydrofuran	5.10	42	4239	4.969	ug/l # 49
30) Chloroform	5.18	83	5272	1.193	ug/l 93
31) Cyclohexane	5.54	56	3052	1.113	ug/l 90
32) 1,1,1-Trichloroethane	5.46	97	4865	1.159	ug/l # 38
36) 1,1-Dichloropropene	5.76	75	3828	1.186	ug/l 95
37) Ethyl Acetate	4.79	43	3308	1.062	ug/l # 94
38) Carbon Tetrachloride	5.74	117	4018	1.005	ug/l 92

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 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 16 11:36:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.43	83	1498	0.504	ug/l #	74
40) Benzene	6.10	78	9563	1.103	ug/l	92
41) Methacrylonitrile	4.98	41	1150	0.636	ug/l #	35
42) 1,2-Dichloroethane	6.17	62	4899	1.205	ug/l	90
43) Isopropyl Acetate	6.40	43	5500	1.062	ug/l	92
44) Trichloroethene	7.18	130	2953	1.136	ug/l	93
45) 1,2-Dichloropropane	7.49	63	2601	1.134	ug/l	93
46) Dibromomethane	7.63	93	1777	1.048	ug/l	87
47) Bromodichloromethane	7.88	83	4075	1.109	ug/l #	96
48) Methyl methacrylate	7.74	41	2717	1.034	ug/l	95
49) 1,4-Dioxane	7.71	88	846	22.959	ug/l #	81
51) 4-Methyl-2-Pentanone	8.62	43	12600	4.168	ug/l	94
52) Toluene	8.77	92	5406	0.972	ug/l	94
53) t-1,3-Dichloropropene	9.02	75	3757	0.988	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	3890	0.994	ug/l #	82
55) 1,1,2-Trichloroethane	9.20	97	2540	1.063	ug/l #	90
56) Ethyl methacrylate	9.16	69	2464	3.599	ug/l #	75
57) 1,3-Dichloropropane	9.35	76	3803	0.981	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.29	63	7444	4.305	ug/l	94
59) 2-Hexanone	9.47	43	9222	4.004	ug/l	98
60) Dibromochloromethane	9.56	129	3039	1.013	ug/l	93
61) 1,2-Dibromoethane	9.66	107	2605	1.016	ug/l	100
65) Chlorobenzene	10.12	112	6607	1.054	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	2597	1.004	ug/l #	68
67) Ethyl Benzene	10.23	91	10161	0.961	ug/l	91
68) m/p-Xylenes	10.34	106	7119	1.771	ug/l	96
69) o-Xylene	10.69	106	3232	0.854	ug/l	94
70) Stvrene	10.70	104	5010	0.782	ug/l	97
71) Bromoform	10.84	173	2297	1.027	ug/l #	83
73) Isopropylbenzene	11.00	105	7879	0.850	ug/l	98
74) N-amyl acetate	10.88	43	3010	0.820	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.26	83	3421	1.107	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	4370	1.430	ug/l	91
77) Bromobenzene	11.23	156	2573	1.010	ug/l	96
78) n-propylbenzene	11.34	91	9414	0.891	ug/l	96
79) 2-Chlorotoluene	11.40	91	6299	0.956	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	6326	0.797	ug/l	88
81) trans-1,4-Dichloro-2-buten	11.05	75	1192	1.106	ug/l	87
82) 4-Chlorotoluene	11.49	91	6919	0.883	ug/l	98
83) tert-Butylbenzene	11.76	119	7058	0.888	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	7028	0.871	ug/l	99
85) sec-Butylbenzene	11.93	105	7730	0.864	ug/l	93
86) p-Isopropyltoluene	12.05	119	6973	0.821	ug/l	86
87) 1,3-Dichlorobenzene	12.01	146	4989	1.066	ug/l	95
88) 1,4-Dichlorobenzene	12.01	146	4989	1.053	ug/l	95
89) n-Butylbenzene	12.37	91	6710	0.909	ug/l	97
90) Hexachloroethane	12.58	117	1700	1.077	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	4704	1.056	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.98	75	839	1.061	ug/l	93
93) 1,2,4-Trichlorobenzene	13.63	180	2709	0.948	ug/l	95

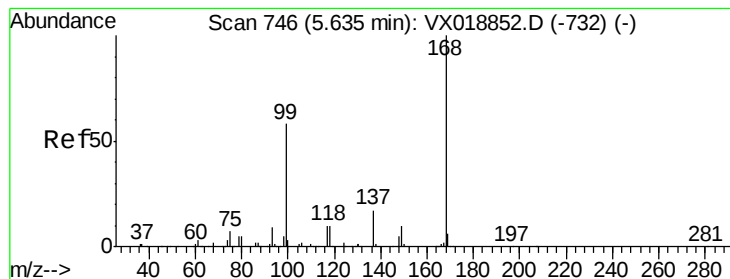
Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100920\
Data File : VX018849.D
Acq On : 09 Oct 2020 11:07 am
Operator : JC/SP
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ClientSampleId :
VSTDICC001

Quant Time: Oct 16 11:36:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 10 06:09:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	1357	1.069	ug/l	82
95) Naphthalene	13.82	128	6063	3.673	ug/l #	93
96) 1,2,3-Trichlorobenzene	14.01	180	2687	0.961	ug/l	98

(#) = 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: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

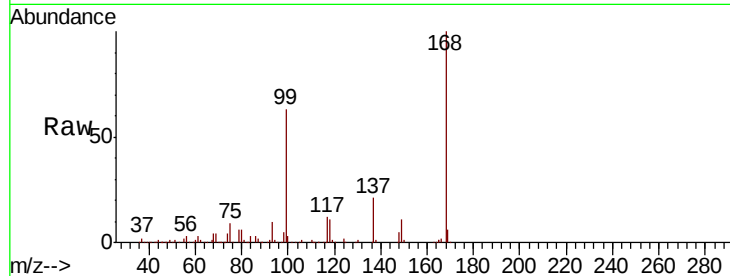
VSTDIC001

Tot Ion:168 Resp: 199044

Ion Ratio Lower Upper

168 100

99 62.4 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

80000

60000

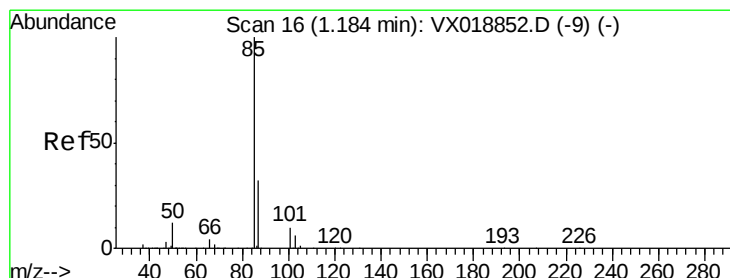
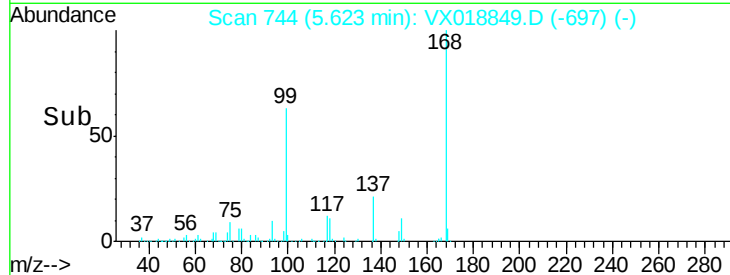
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 2.194 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018849.D

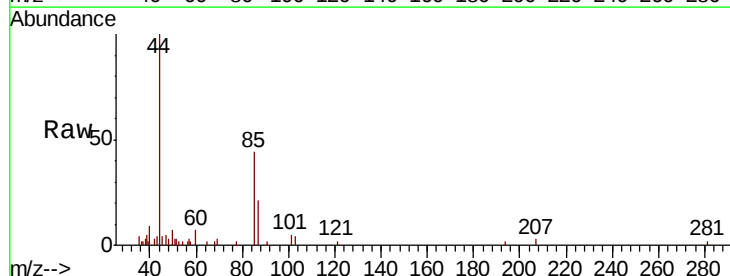
Acq: 09 Oct 2020 11:07 am

Tgt Ion: 85 Resp: 1400

Ion Ratio Lower Upper

85 100

87 47.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

1500

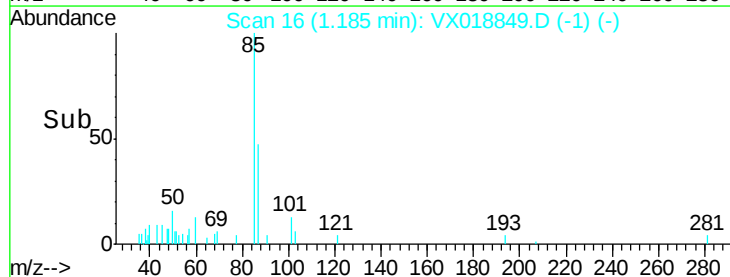
1000

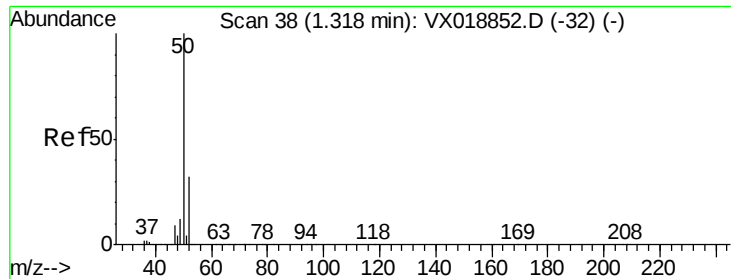
500

0

Time-->

1.15 1.20





#3

Chloromethane

Concen: 1.165 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

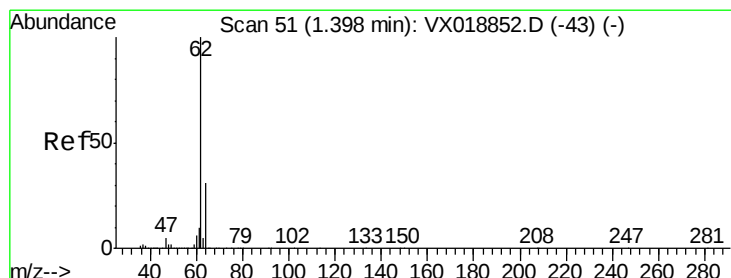
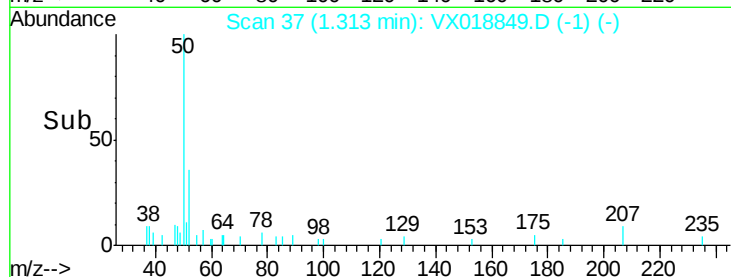
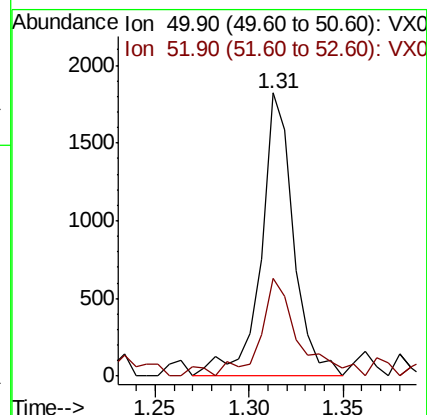
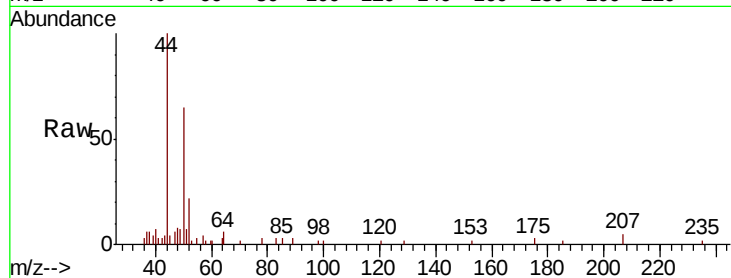
VSTDIC001

Tot Ion: 50 Resp: 2173

Ion Ratio Lower Upper

50 100

52 31.7 25.2 37.8



#4

Vinyl Chloride

Concen: 1.083 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.00 min

Lab File: VX018849.D

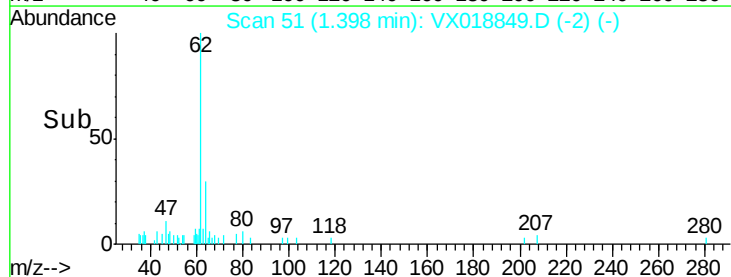
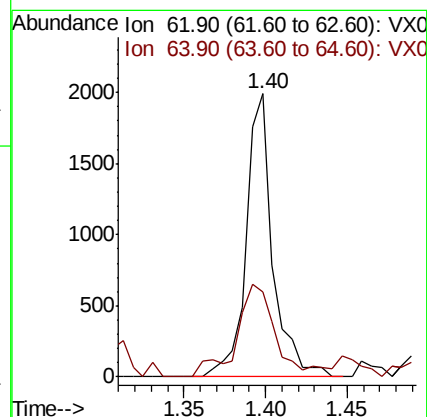
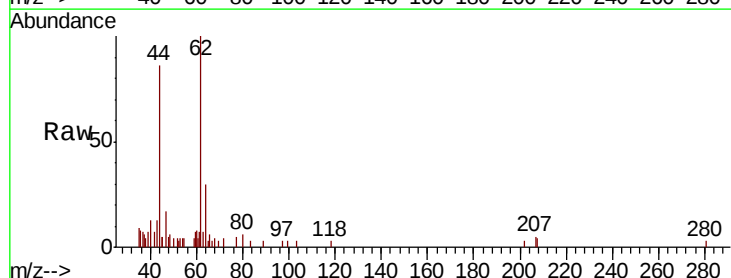
Acq: 09 Oct 2020 11:07 am

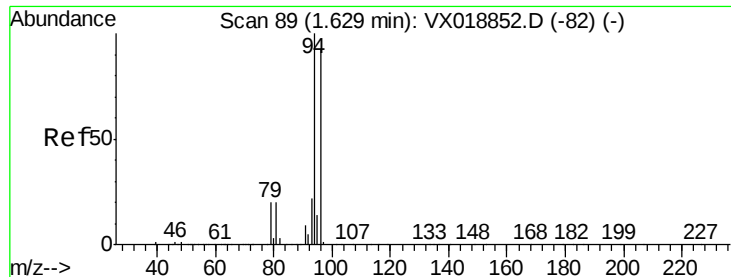
Tgt Ion: 62 Resp: 2258

Ion Ratio Lower Upper

62 100

64 29.9 24.6 37.0





#5

Bromomethane

Concen: 1.211 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

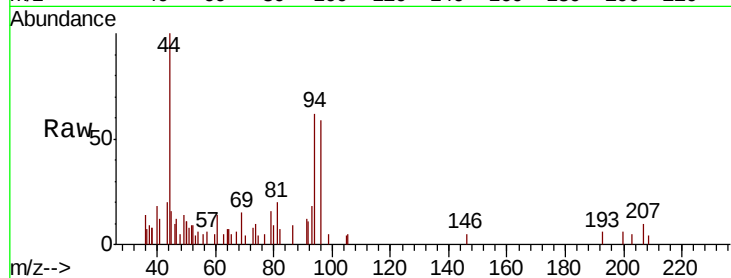
VSTDIC001

Tot Ion: 94 Resp: 1406

Ion Ratio Lower Upper

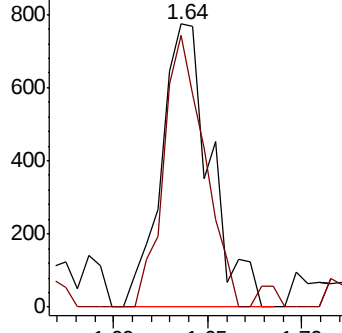
94 100

96 96.0 74.5 111.7

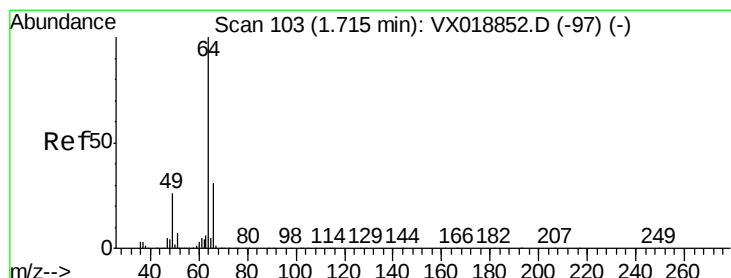
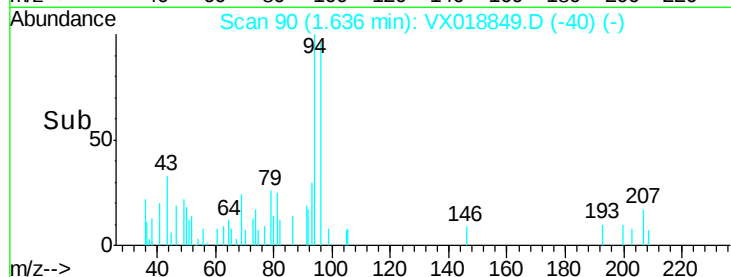


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 1.221 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018849.D

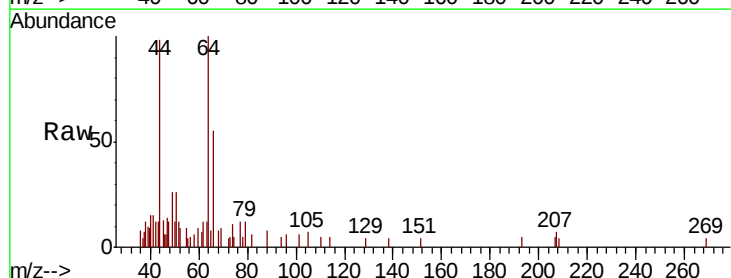
Acq: 09 Oct 2020 11:07 am

Tgt Ion: 64 Resp: 1705

Ion Ratio Lower Upper

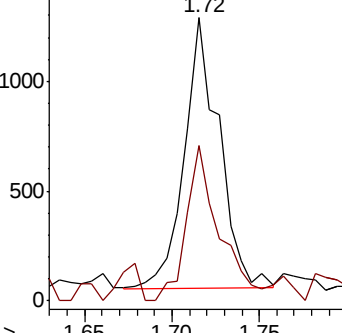
64 100

66 51.7 24.7 37.1#

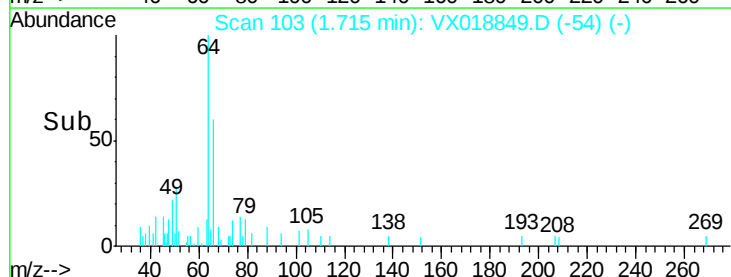


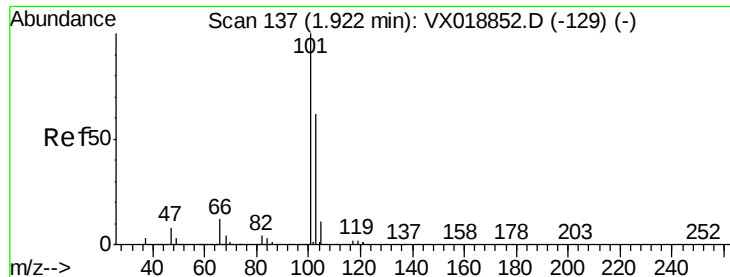
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

Trichlorofluoromethane

Concen: 1.102 ug/l

RT: 1.92 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

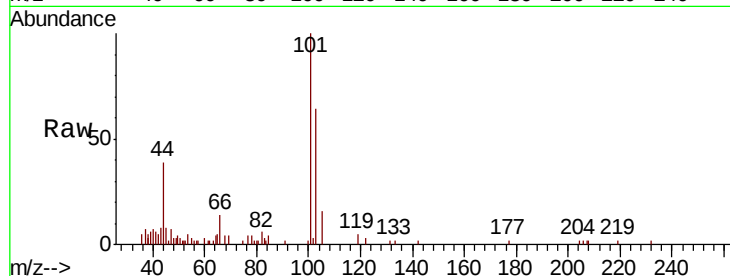
VSTDIC001

Tot Ion:101 Resp: 4529

Ion Ratio Lower Upper

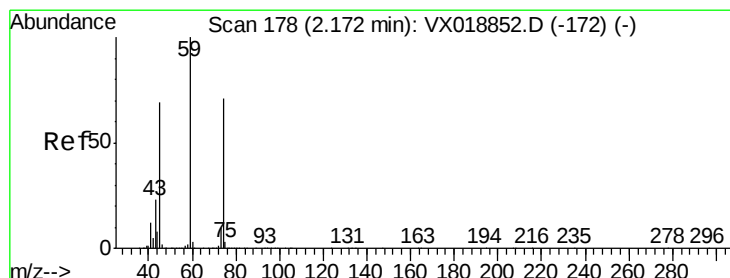
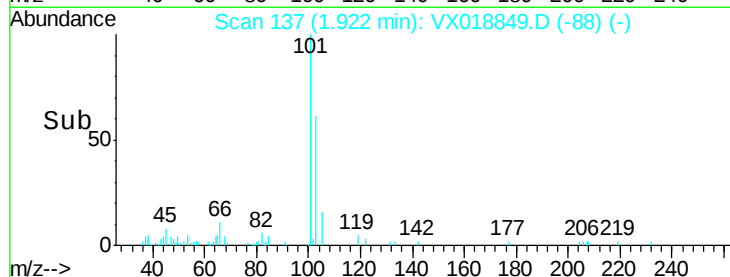
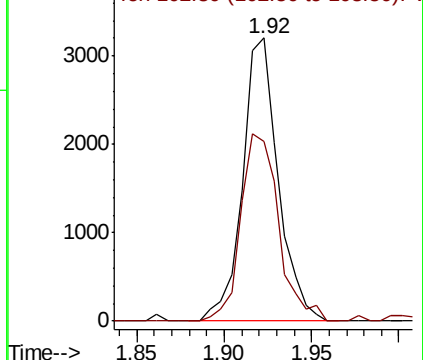
101 100

103 63.6 50.0 75.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 2.411 ug/l

RT: 2.17 min Scan# 178

Delta R.T. 0.00 min

Lab File: VX018849.D

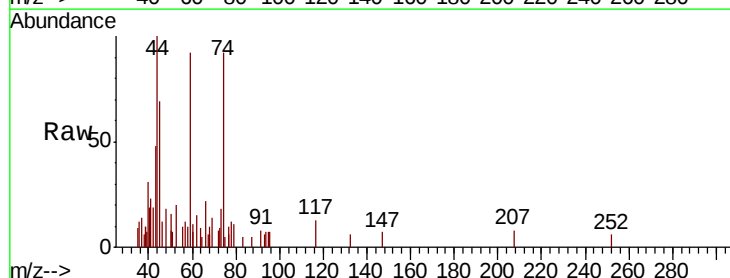
Acq: 09 Oct 2020 11:07 am

Tgt Ion: 74 Resp: 1615

Ion Ratio Lower Upper

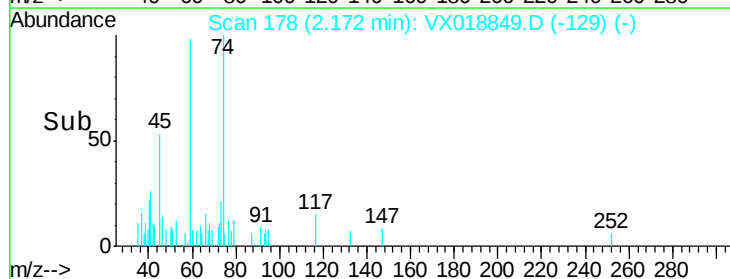
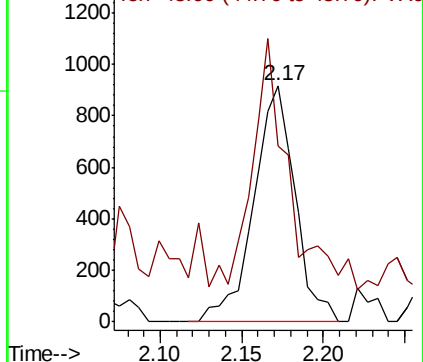
74 100

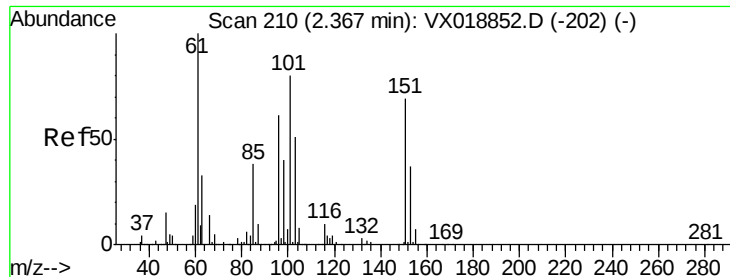
45 97.6 47.0 141.2



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: 1.077 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

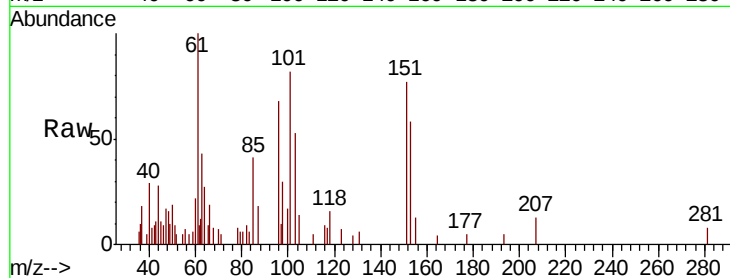
Tot Ion:101 Resp: 2126

Ion Ratio Lower Upper

101 100

85 50.8 36.6 55.0

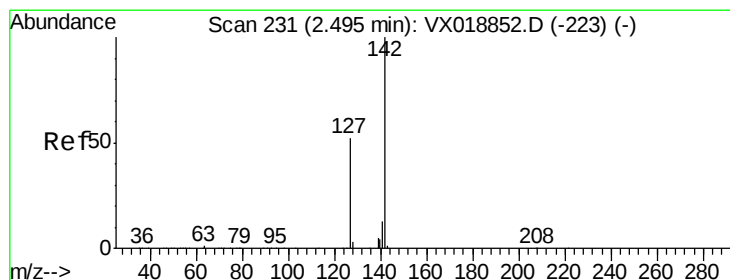
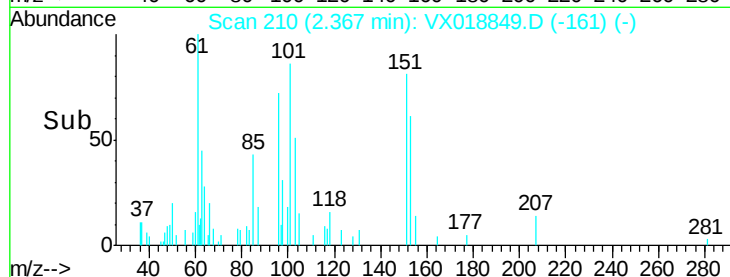
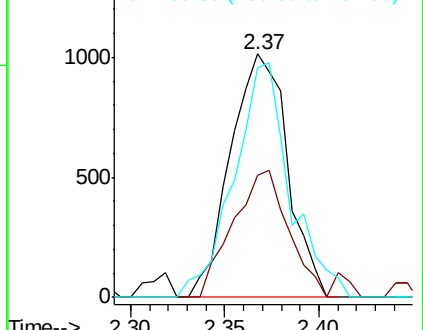
151 94.9 67.2 100.8



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: 4.610 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

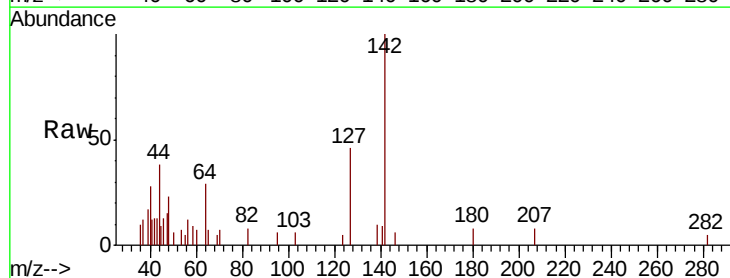
Tgt Ion:142 Resp: 1395

Ion Ratio Lower Upper

142 100

127 58.6 42.0 63.0

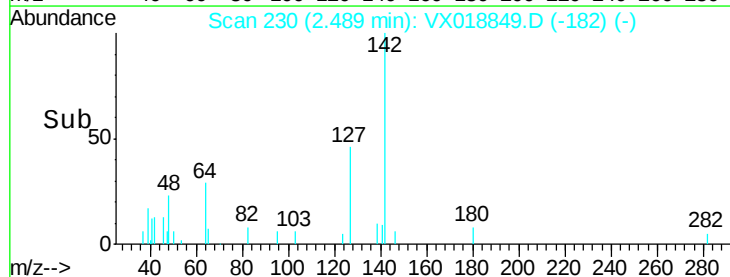
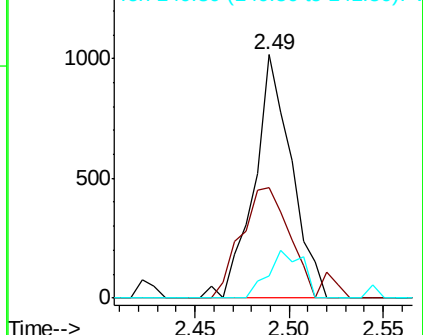
141 18.1 11.8 17.6#

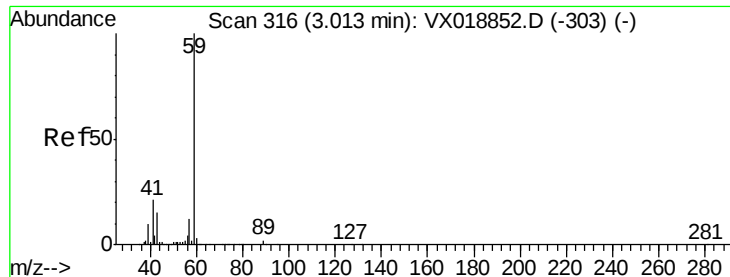


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

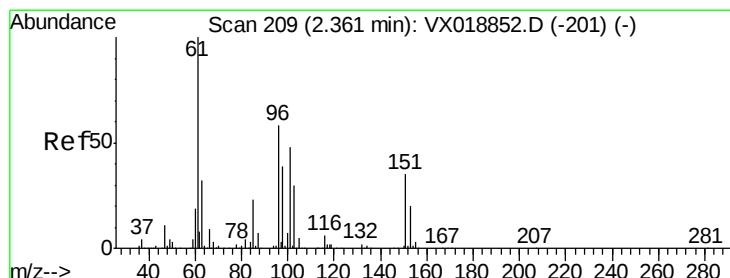
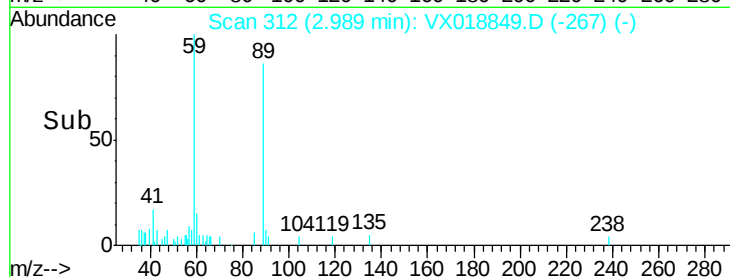
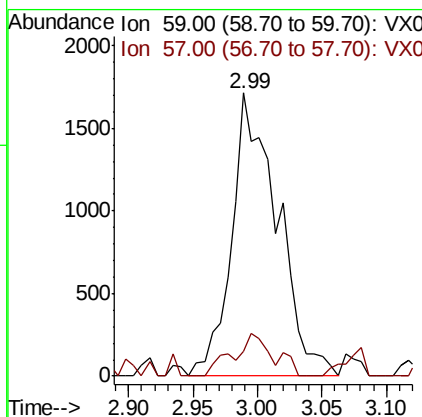
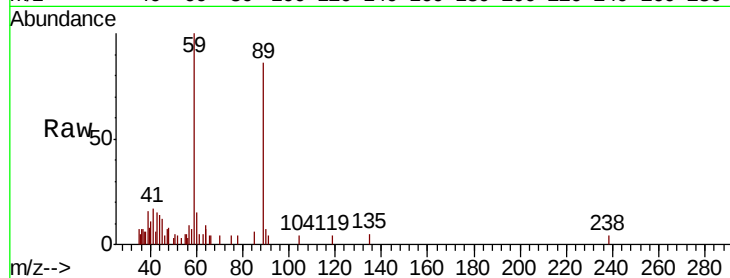




#11
Tert butyl alcohol
Concen: 9.140 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07 am

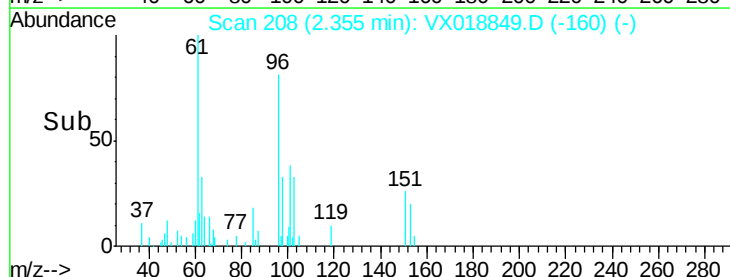
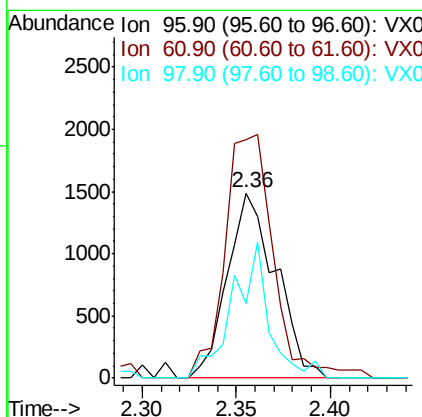
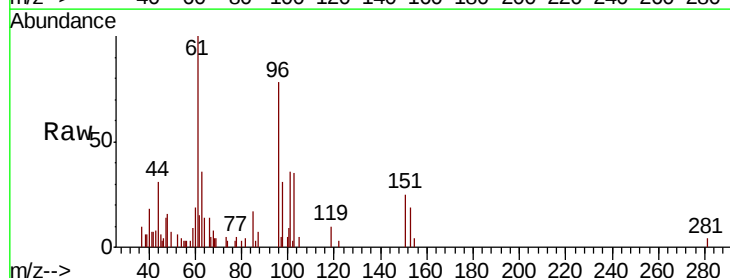
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

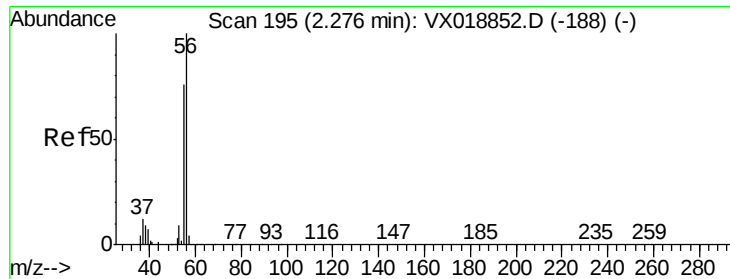
Tot Ion: 59 Resp: 4226
Ion Ratio Lower Upper
59 100
57 13.5 9.0 13.6



#12
1,1-Dichloroethene
Concen: 2.127 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07 am

Tgt Ion: 96 Resp: 2650
Ion Ratio Lower Upper
96 100
61 129.0 137.0 205.6#
98 40.5 53.9 80.9#





#13

Acrolein

Concen: 6.215 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

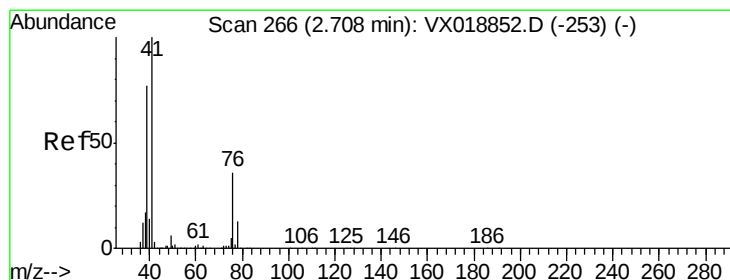
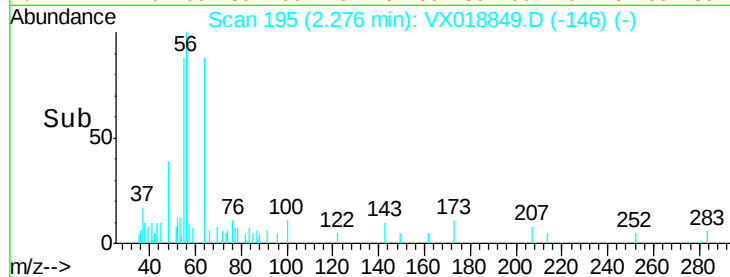
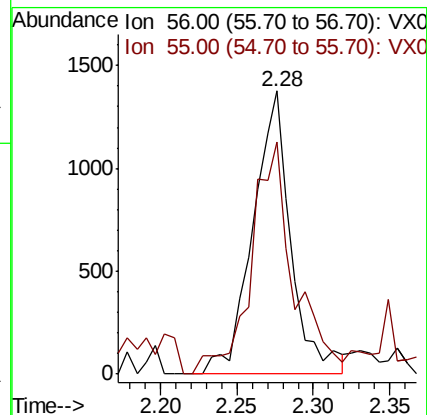
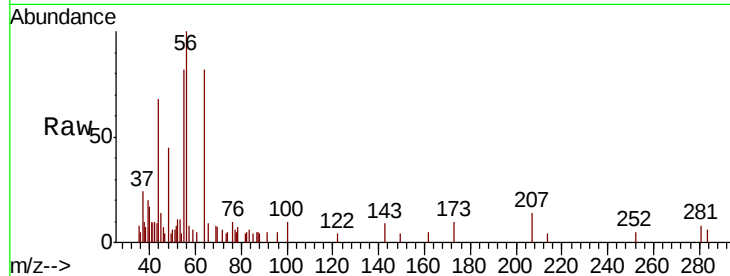
VSTDIC001

Tot Ion: 56 Resp: 2391

Ion Ratio Lower Upper

56 100

55 90.8 58.6 87.8#



#14

Allyl chloride

Concen: 1.092 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

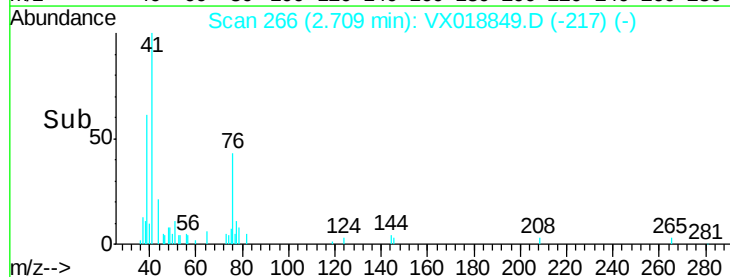
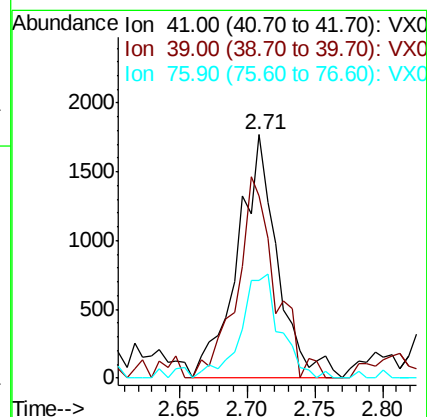
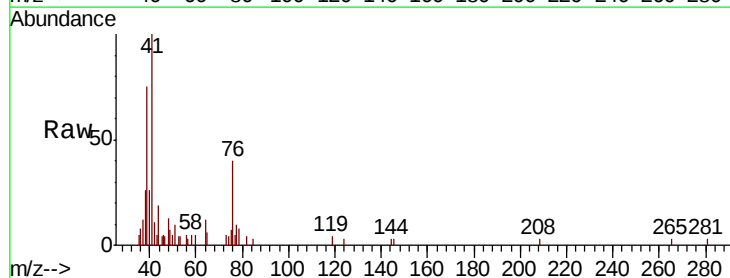
Tgt Ion: 41 Resp: 3639

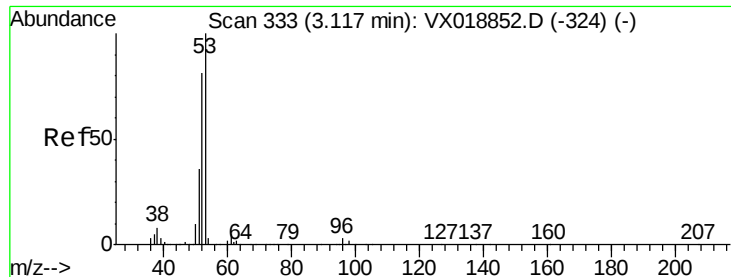
Ion Ratio Lower Upper

41 100

39 78.8 57.8 86.8

76 41.7 26.8 40.2#





#15

Acrylonitrile

Concen: 5.296 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

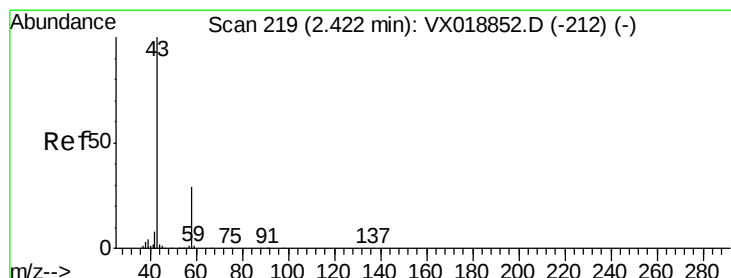
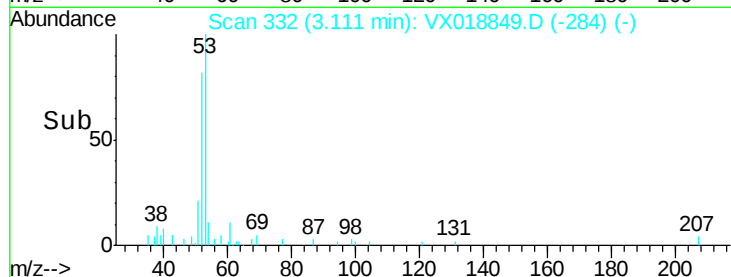
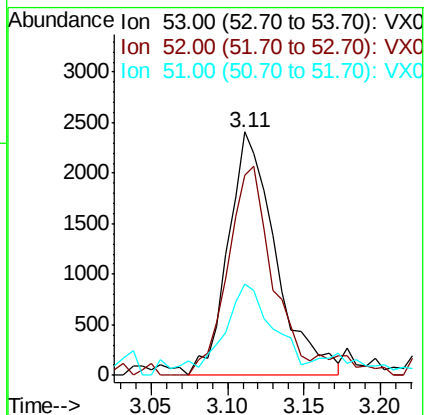
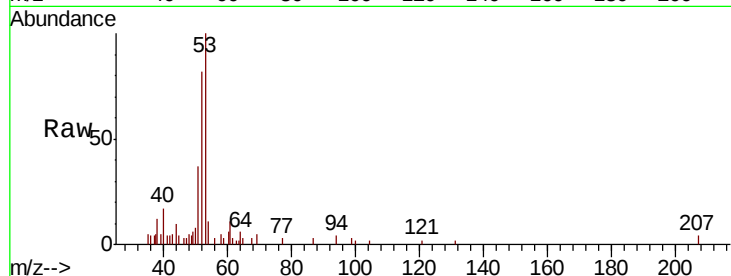
Tot Ion: 53 Resp: 5193

Ion Ratio Lower Upper

53 100

52 79.8 66.7 100.1

51 42.0 30.3 45.5



#16

Acetone

Concen: 3.133 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX018849.D

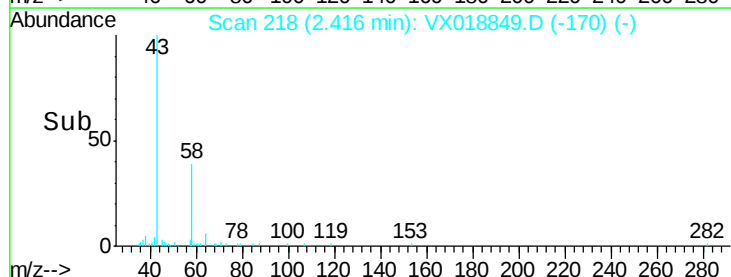
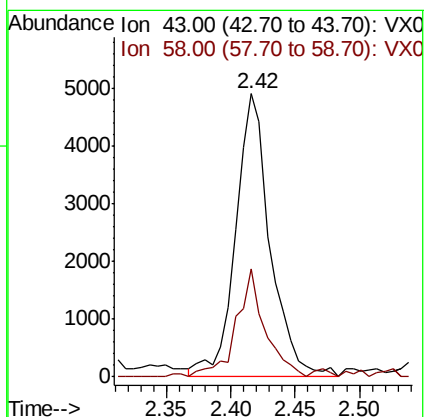
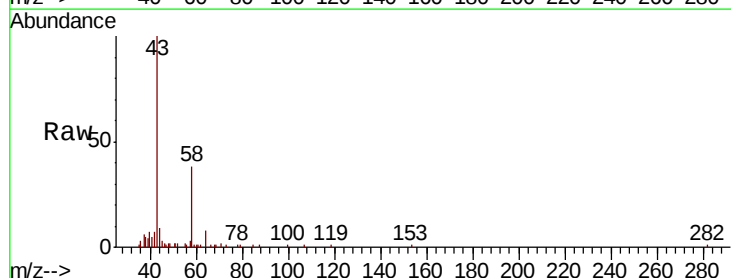
Acq: 09 Oct 2020 11:07 am

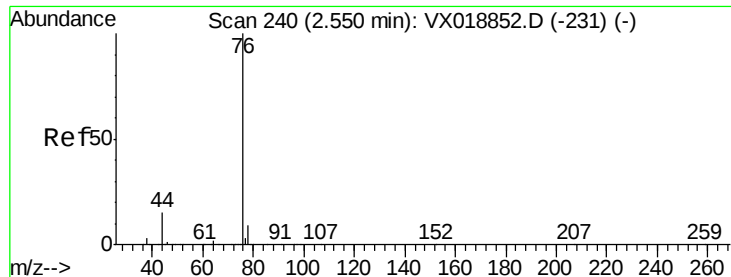
Tgt Ion: 43 Resp: 9145

Ion Ratio Lower Upper

43 100

58 38.1 23.0 34.4#





#17

Carbon Disulfide

Concen: 1.097 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

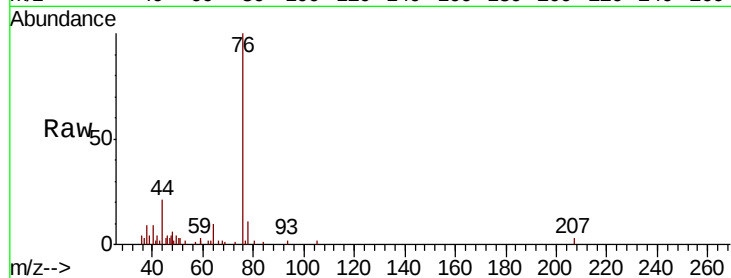
VSTDIC001

Tot Ion: 76 Resp: 5913

Ion Ratio Lower Upper

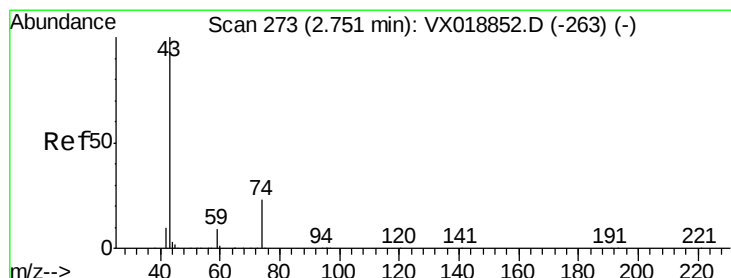
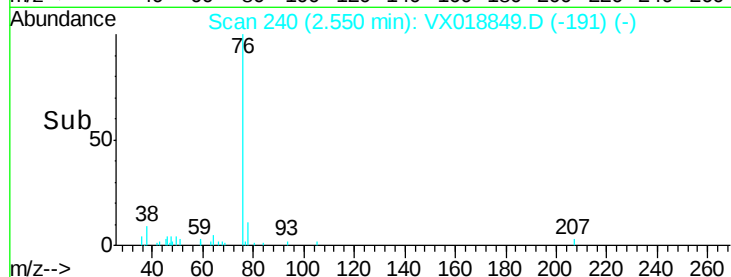
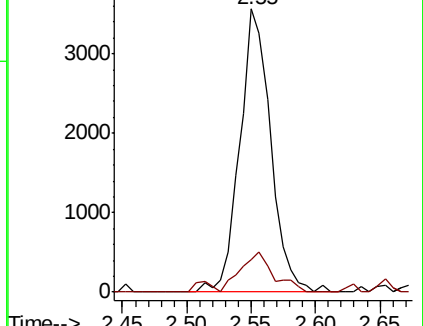
76 100

78 11.4 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.203 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018849.D

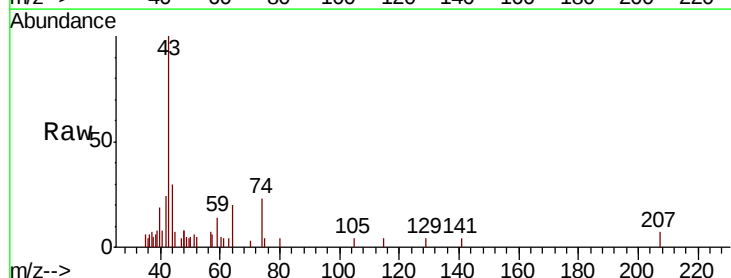
Acq: 09 Oct 2020 11:07 am

Tgt Ion: 43 Resp: 2935

Ion Ratio Lower Upper

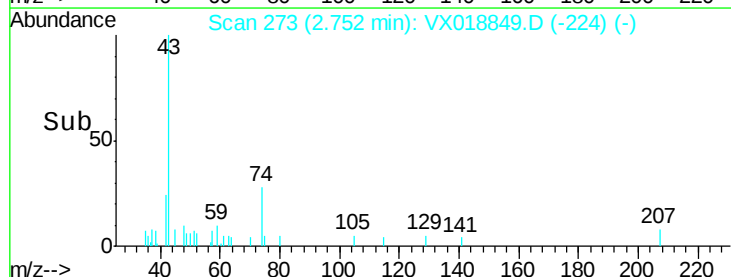
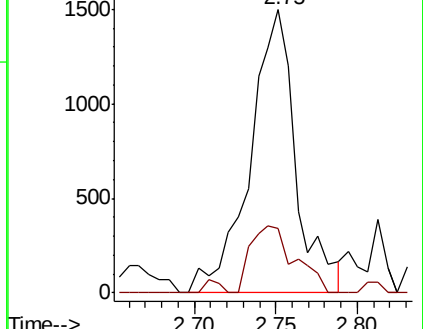
43 100

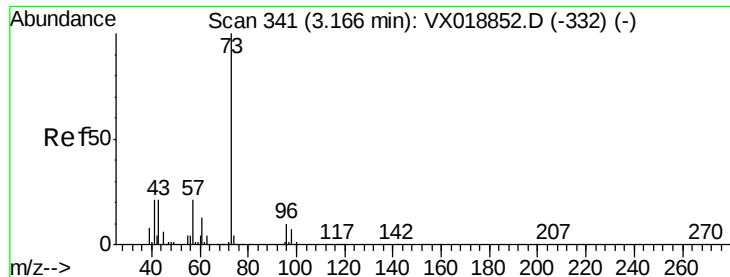
74 22.8 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 0.989 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

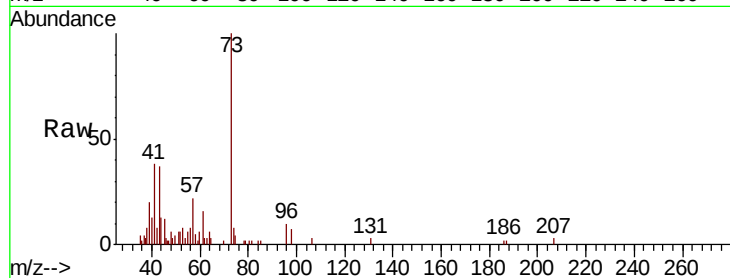
VSTDIC001

Tot Ion: 73 Resp: 6093

Ion Ratio Lower Upper

73 100

57 22.1 16.7 25.1



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3000

2500

2000

1500

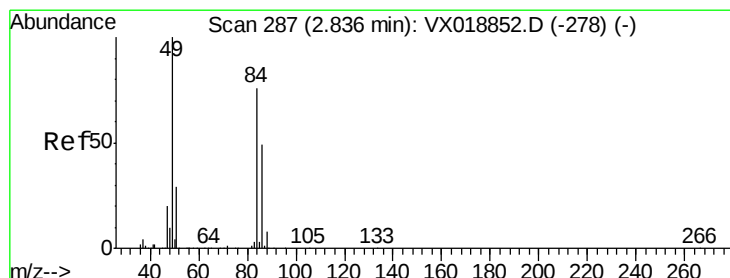
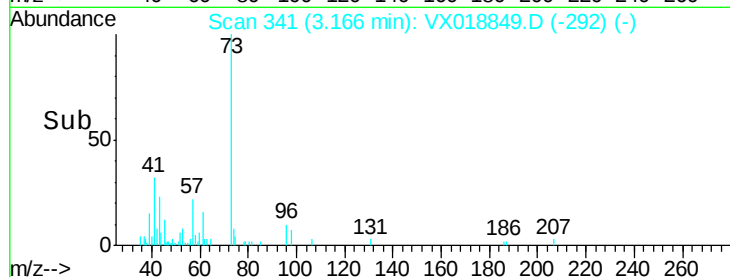
1000

500

0

3.10 3.15 3.20 3.25

Time-->



#20

Methylene Chloride

Concen: 1.841 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Tgt Ion: 84 Resp: 2828

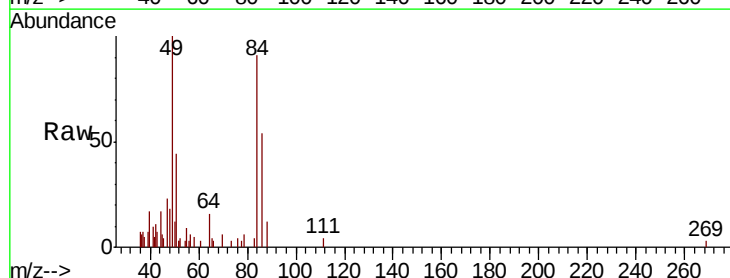
Ion Ratio Lower Upper

84 100

49 102.3 104.8 157.2#

51 39.5 30.6 46.0

86 55.4 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2500

2000

1500

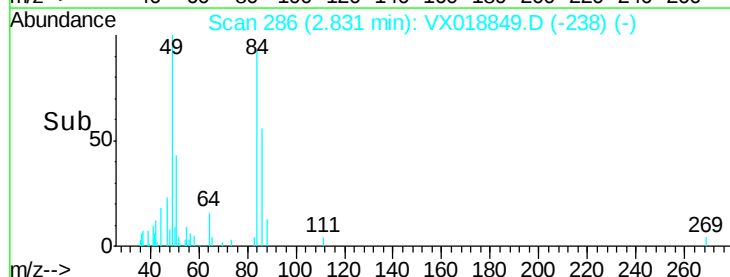
1000

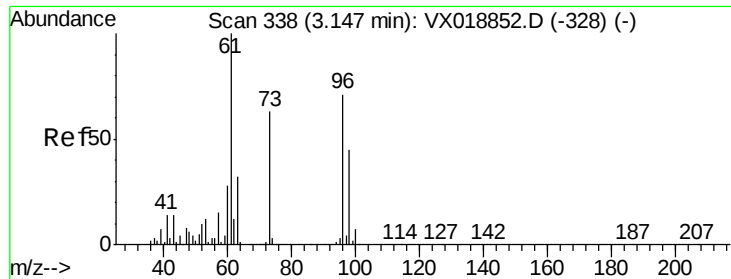
500

0

2.75 2.80 2.85 2.90

Time-->





#21

trans-1,2-Dichloroethene

Concen: 1.138 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

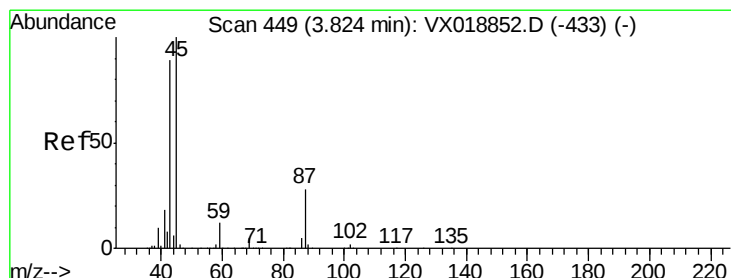
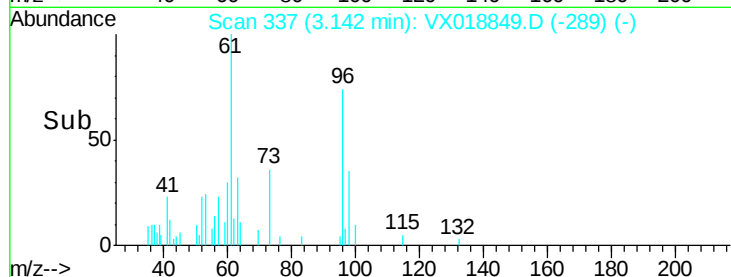
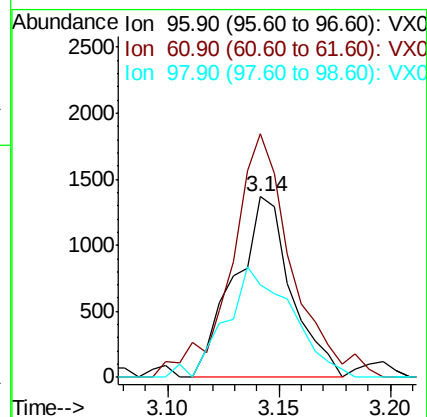
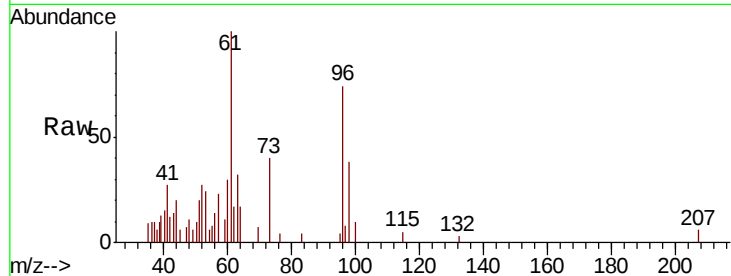
Tot Ion: 96 Resp: 2426

Ion Ratio Lower Upper

96 100

61 127.5 112.0 168.0

98 46.5 50.2 75.2#



#22

Diisopropyl ether

Concen: 1.039 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Tgt Ion: 45 Resp: 6198

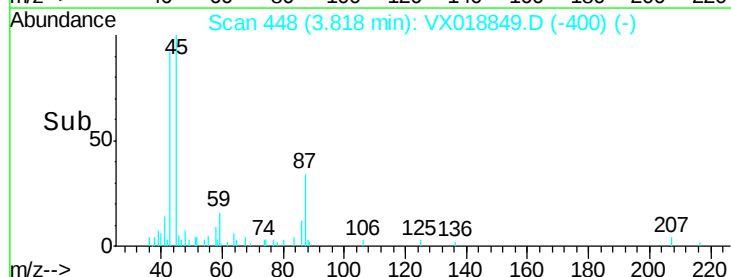
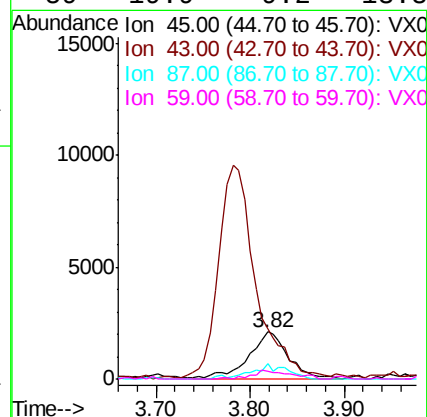
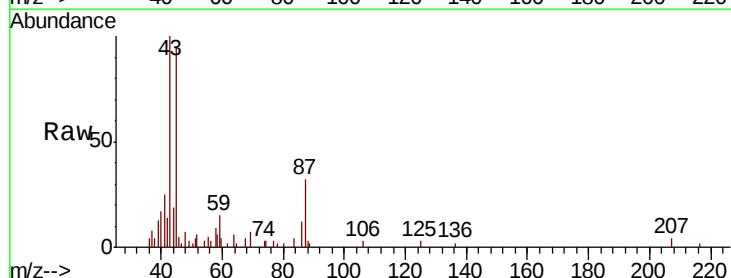
Ion Ratio Lower Upper

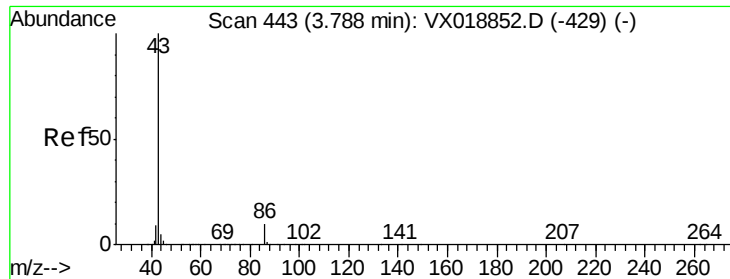
45 100

43 95.5 71.2 106.8

87 33.8 22.5 33.7#

59 19.9 9.2 13.8#





#23

Vinyl Acetate

Concen: 4.520 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

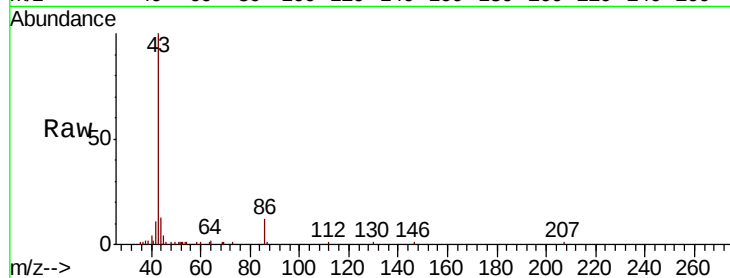
VSTDIC001

Tot Ion: 43 Resp: 25929

Ion Ratio Lower Upper

43 100

86 12.1 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

10000

8000

6000

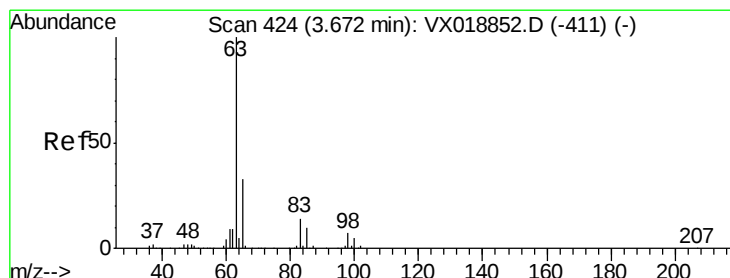
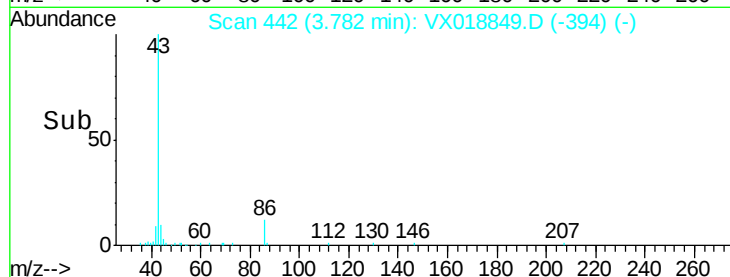
4000

2000

0

3.70 3.80 3.90

Time-->



#24

1,1-Dichloroethane

Concen: 1.211 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

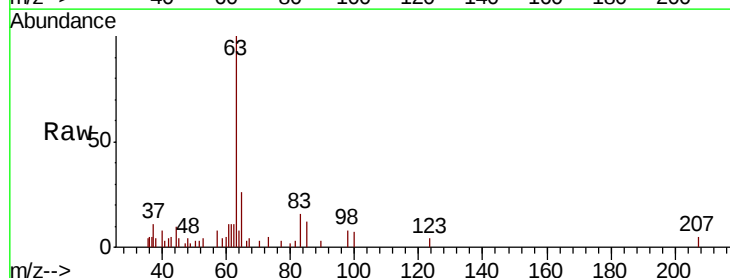
Tgt Ion: 63 Resp: 4856

Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.2

100 7.4 2.5 7.6



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

3.67

2500

2000

1500

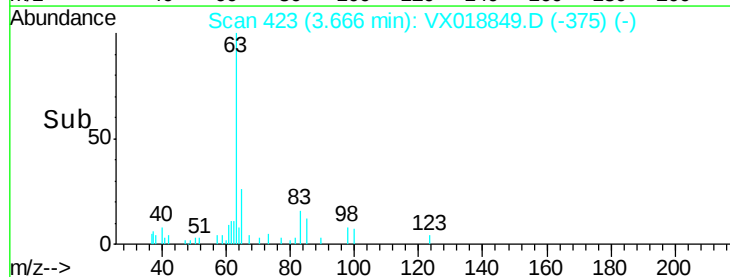
1000

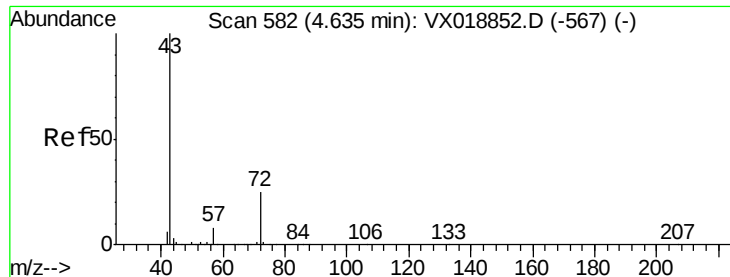
500

0

3.60 3.65 3.70 3.75

Time-->

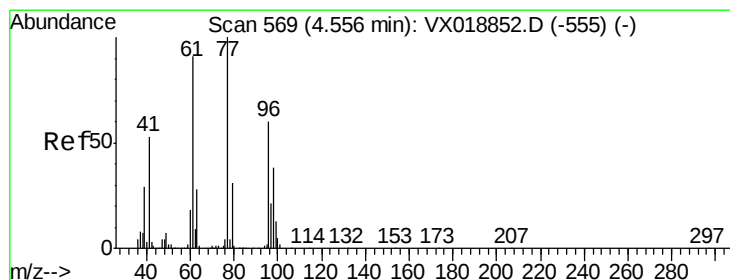
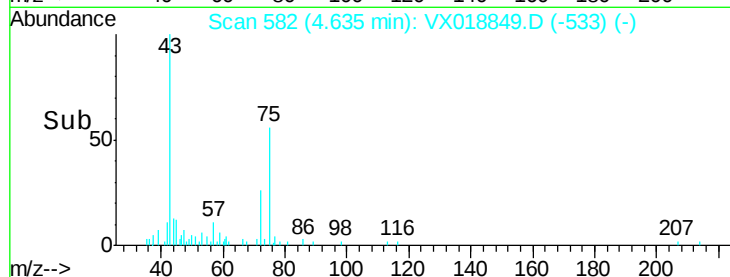
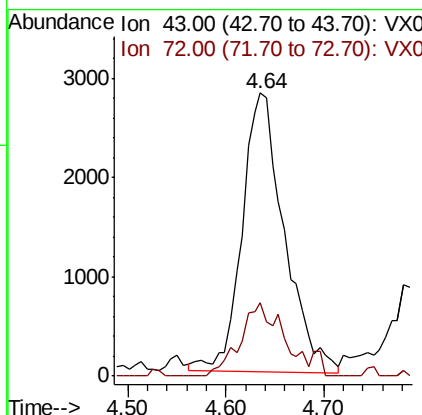
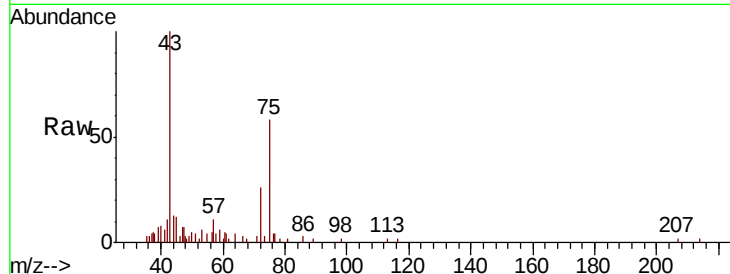




#25
 2-Butanone
 Concen: 5.279 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07 am

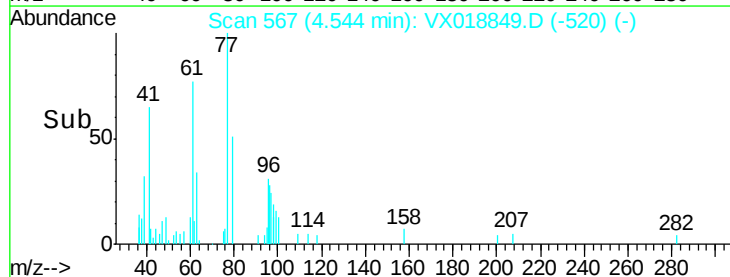
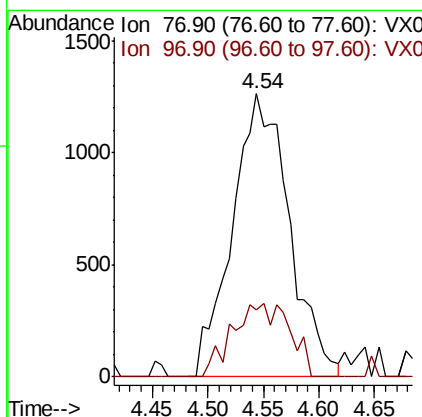
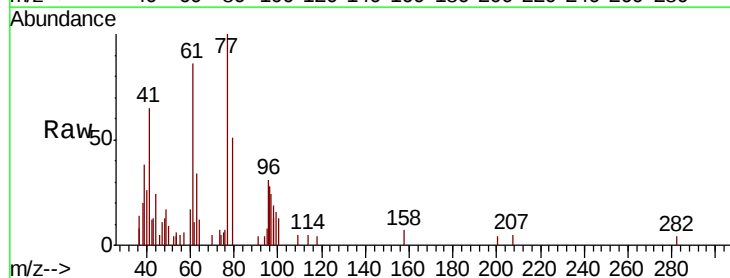
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

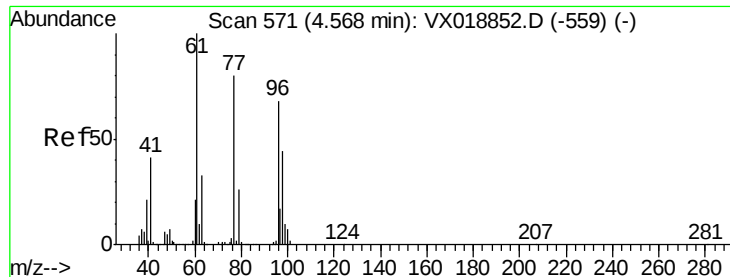
Tot Ion: 43 Resp: 8394
 Ion Ratio Lower Upper
 43 100
 72 26.8 20.2 30.4



#26
 2,2-Dichloropropane
 Concen: 1.162 ug/l
 RT: 4.54 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07 am

Tgt Ion: 77 Resp: 4495
 Ion Ratio Lower Upper
 77 100
 97 17.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 1.119 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

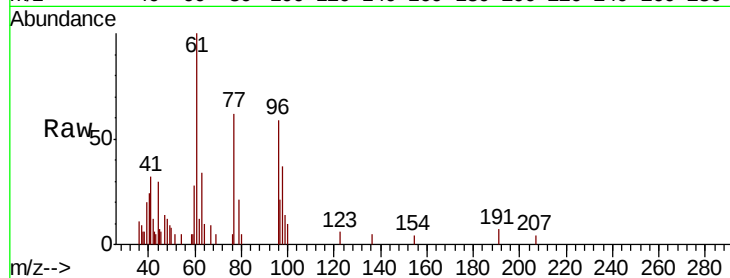
Tot Ion: 96 Resp: 2650

Ion Ratio Lower Upper

96 100

61 162.6 0.0 306.8

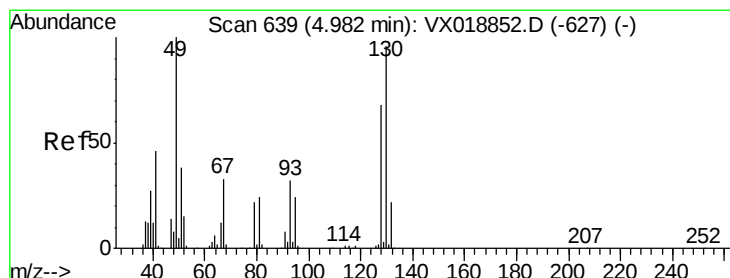
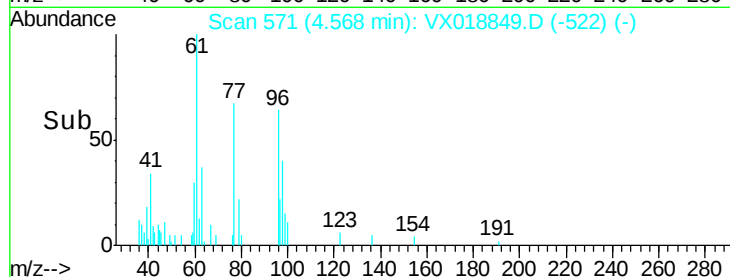
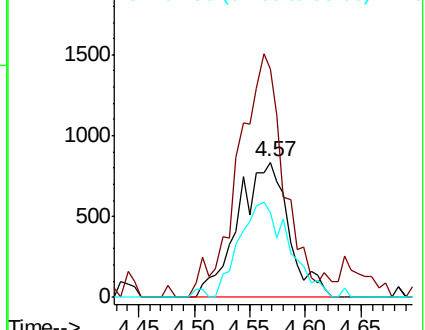
98 68.9 0.0 130.2



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: 2.591 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

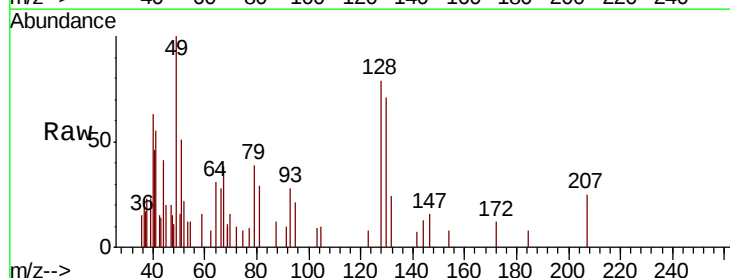
Tgt Ion: 49 Resp: 1954

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.4

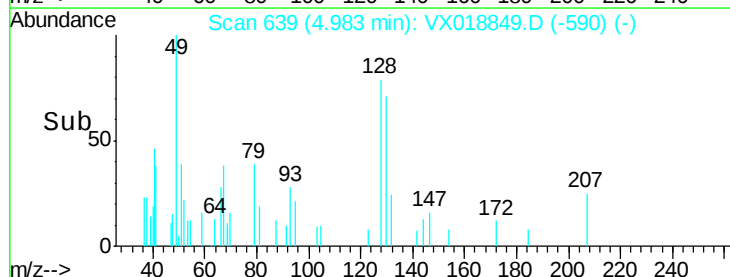
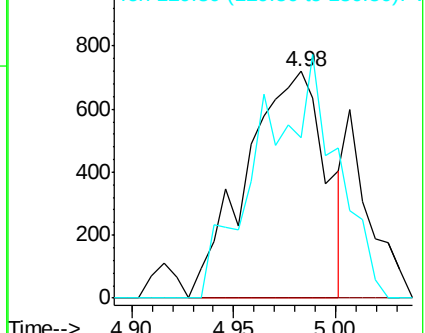
130 40.8 71.2 106.8#

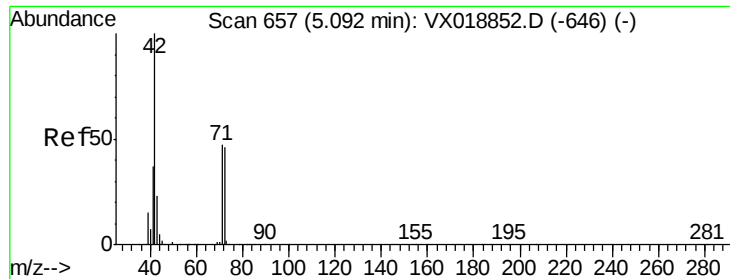


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 4.969 ug/l

RT: 5.10 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

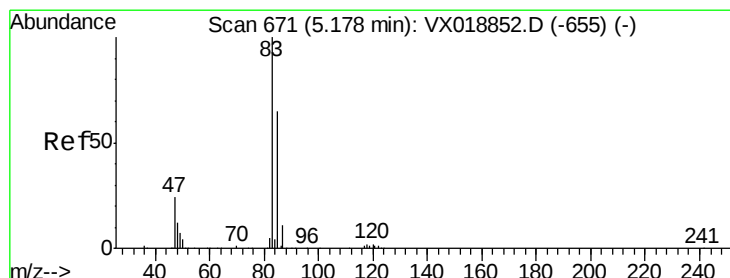
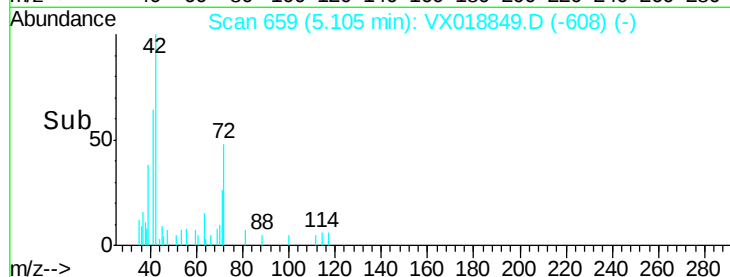
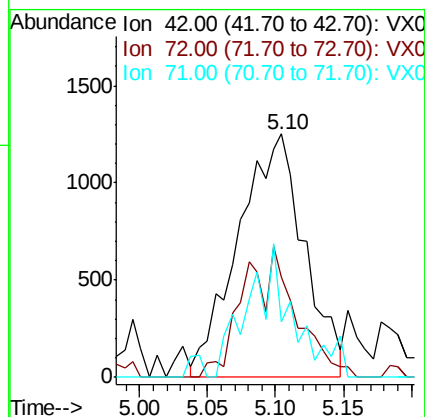
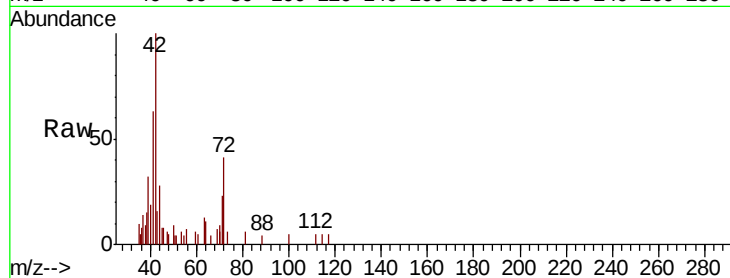
Tot Ion: 42 Resp: 4239

Ion Ratio Lower Upper

42 100

72 22.6 36.4 54.6#

71 0.0 35.2 52.8#



#30

Chloroform

Concen: 1.193 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018849.D

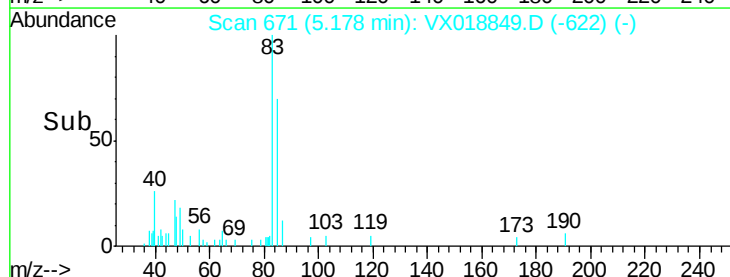
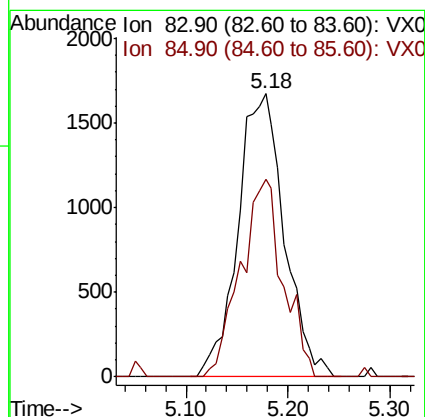
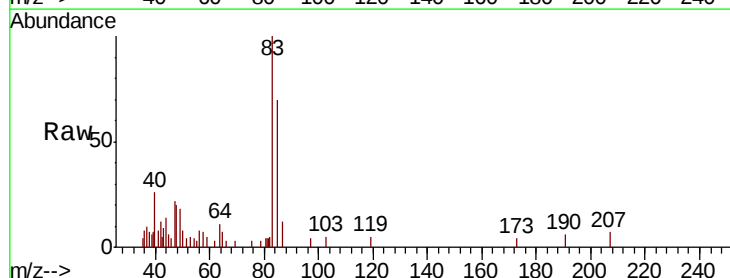
Acq: 09 Oct 2020 11:07 am

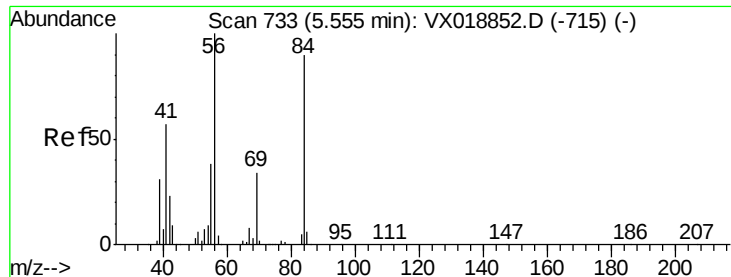
Tgt Ion: 83 Resp: 5272

Ion Ratio Lower Upper

83 100

85 70.0 51.8 77.8

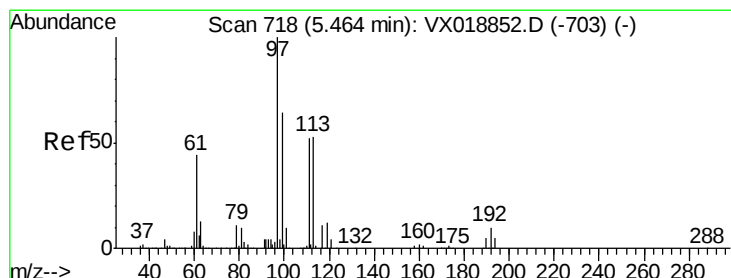
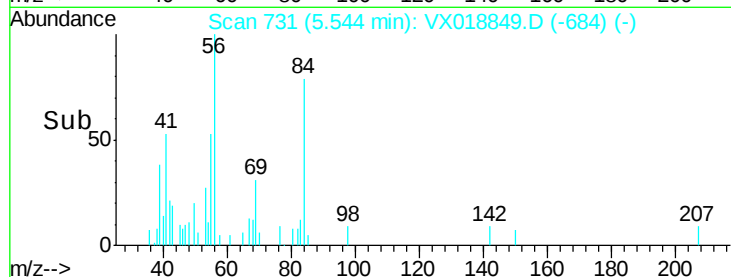
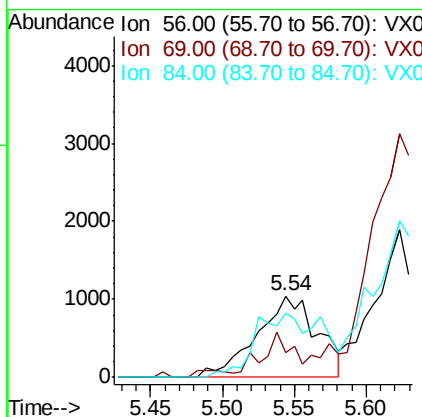
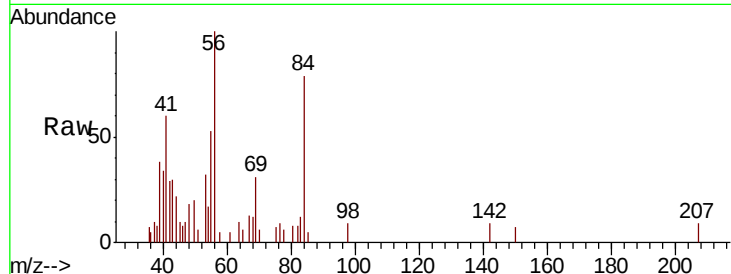




#31
Cyclohexane
Concen: 1.113 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07 am

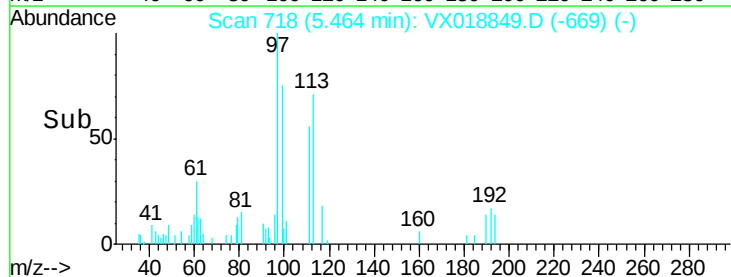
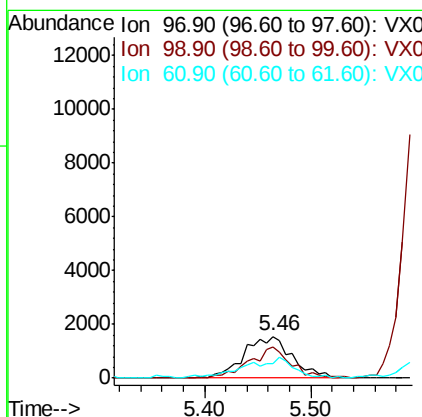
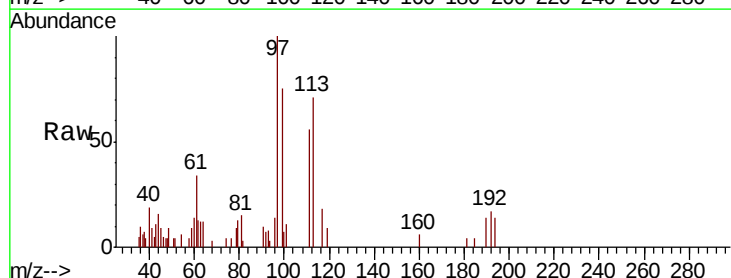
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

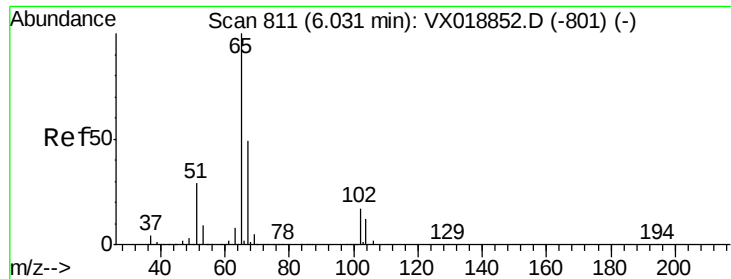
Tot Ion: 56 Resp: 3052
Ion Ratio Lower Upper
56 100
69 30.7 27.1 40.7
84 78.6 71.7 107.5



#32
1,1,1-Trichloroethane
Concen: 1.159 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07 am

Tgt Ion: 97 Resp: 4865
Ion Ratio Lower Upper
97 100
99 0.0 52.1 78.1#
61 23.1 35.3 52.9#

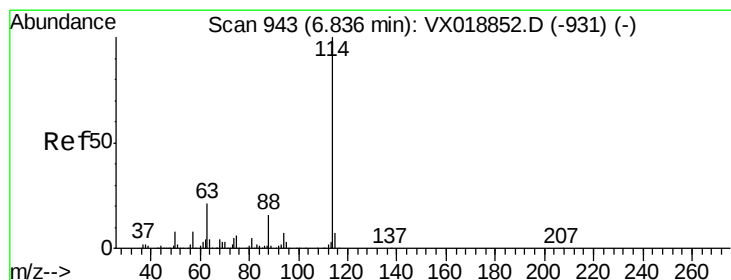
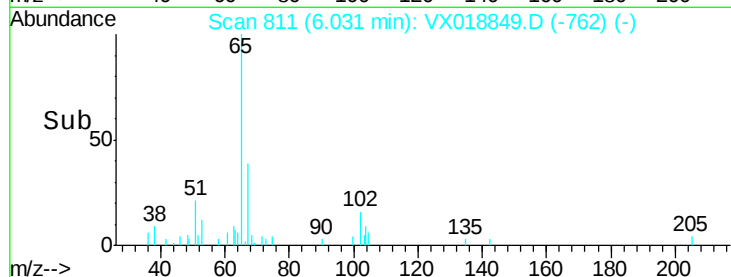
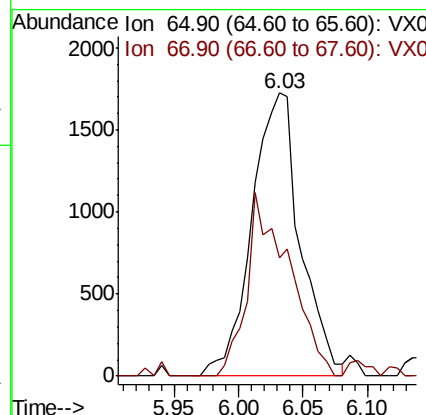
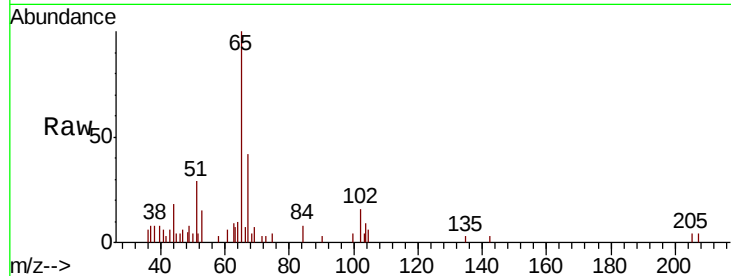




#33
 1,2-Dichloroethane-d4
 Concen: 1.536 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07 am

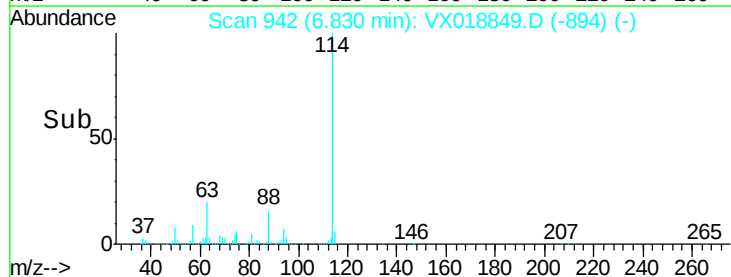
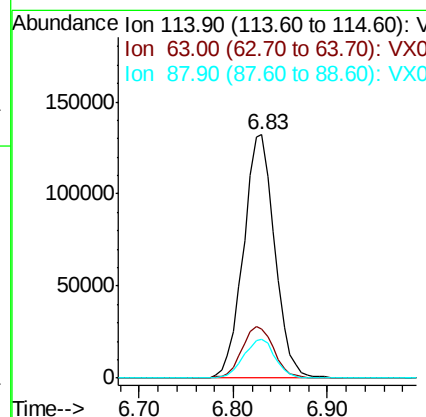
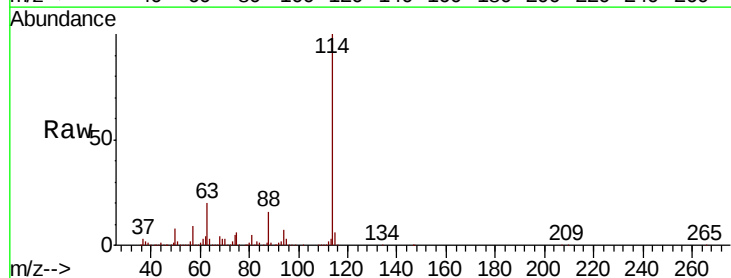
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

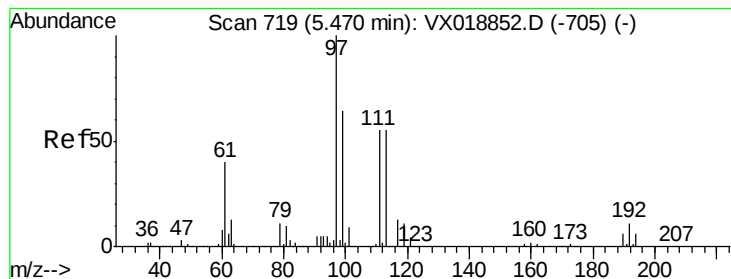
Tot Ion: 65 Resp: 4510
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 97.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07 am

Tgt Ion: 114 Resp: 306928
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.4
 88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 1.626 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

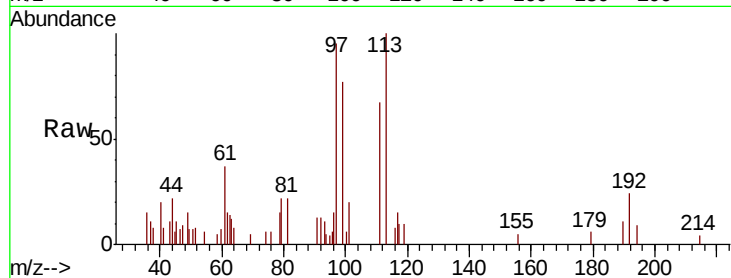
Tot Ion:113 Resp: 3557

Ion Ratio Lower Upper

113 100

111 39.4 80.1 120.1#

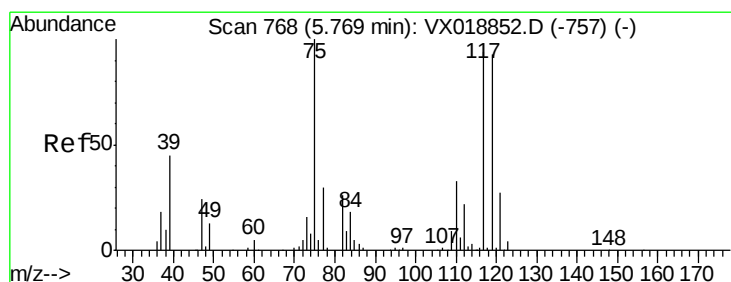
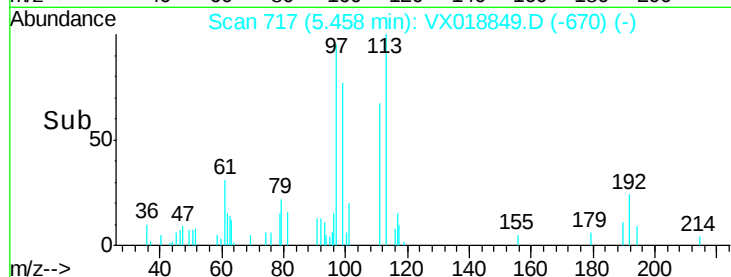
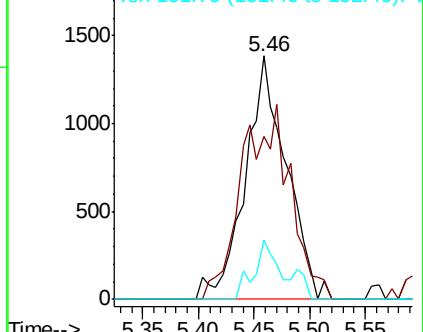
192 14.6 16.0 24.0#



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: 1.186 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

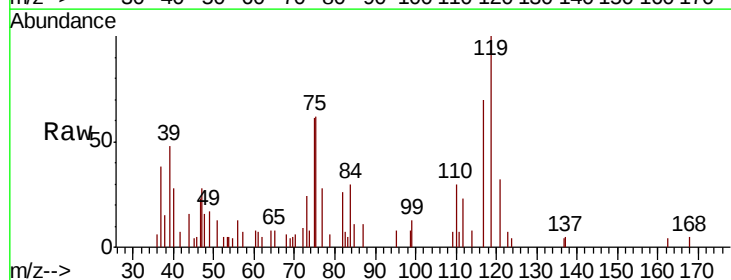
Tgt Ion: 75 Resp: 3828

Ion Ratio Lower Upper

75 100

110 35.2 17.8 53.5

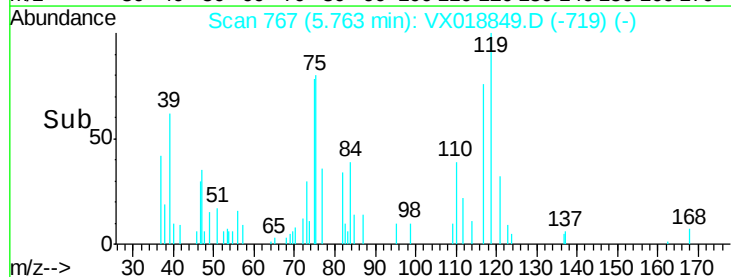
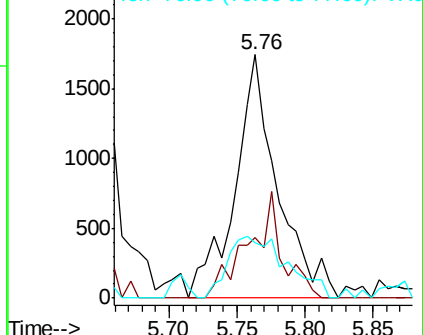
77 35.2 24.2 36.4

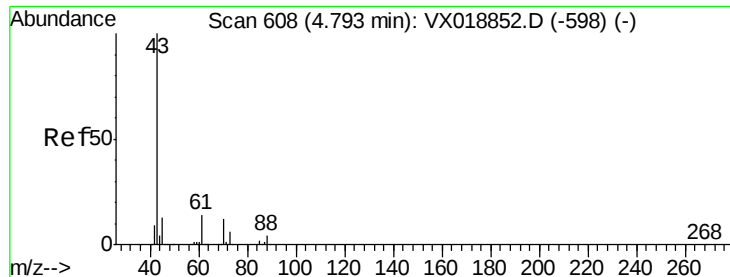


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 1.062 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

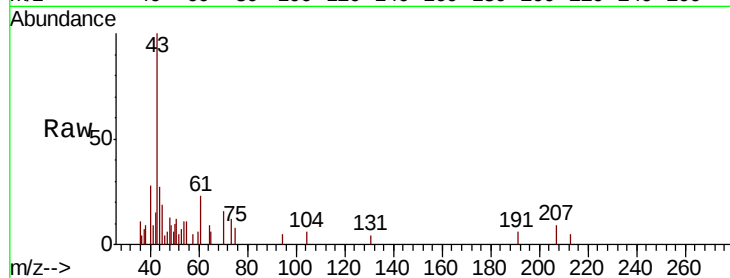
Tot Ion: 43 Resp: 3308

Ion Ratio Lower Upper

43 100

61 13.9 10.9 16.3

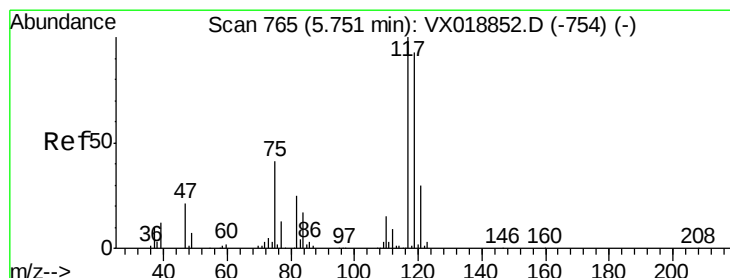
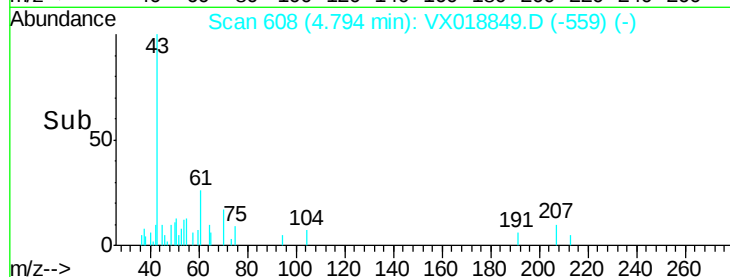
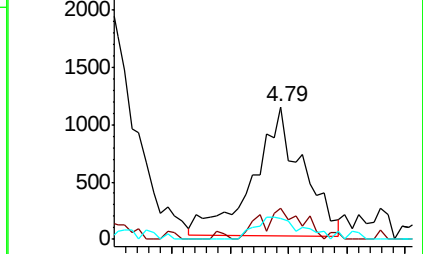
70 15.9 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VX018849.D (-559) (-)

Ion 60.90 (60.60 to 61.60): VX018849.D (-559) (-)

Ion 70.00 (69.70 to 70.70): VX018849.D (-559) (-)



#38

Carbon Tetrachloride

Concen: 1.005 ug/l

RT: 5.74 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

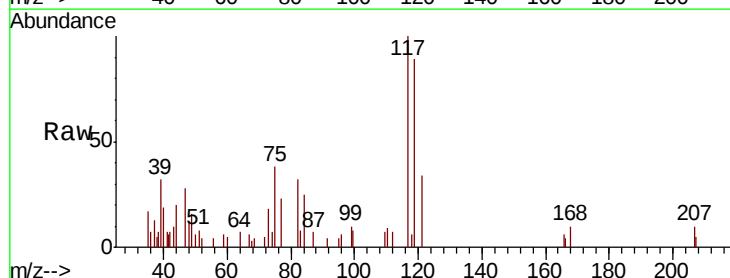
Tgt Ion: 117 Resp: 4018

Ion Ratio Lower Upper

117 100

119 84.5 73.9 110.9

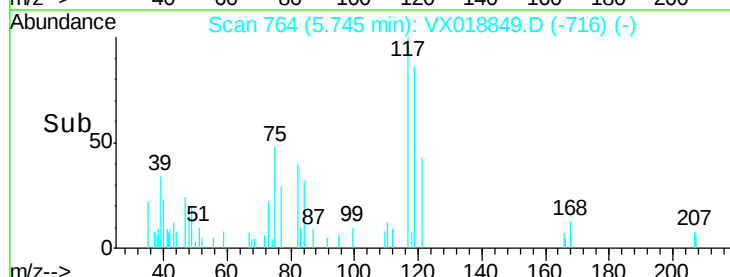
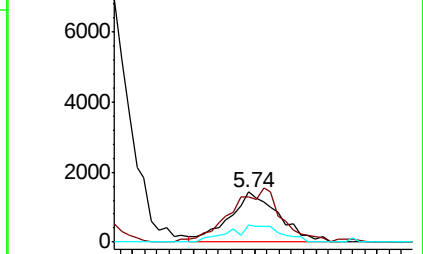
121 34.4 23.6 35.4

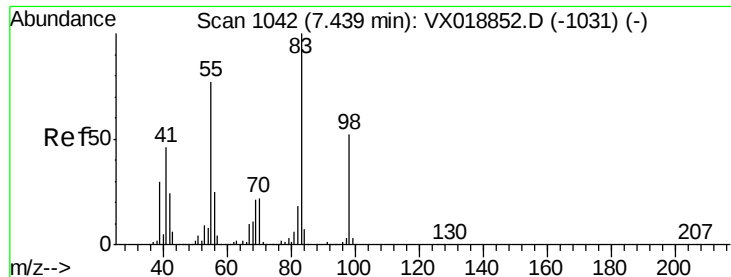


Abundance Ion 116.80 (116.50 to 117.50): VX018849.D (-716) (-)

Ion 118.80 (118.50 to 119.50): VX018849.D (-716) (-)

Ion 120.80 (120.50 to 121.50): VX018849.D (-716) (-)

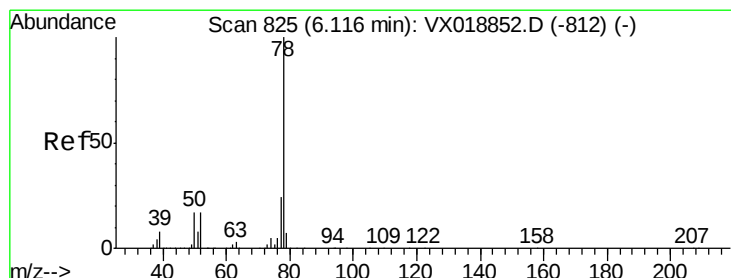
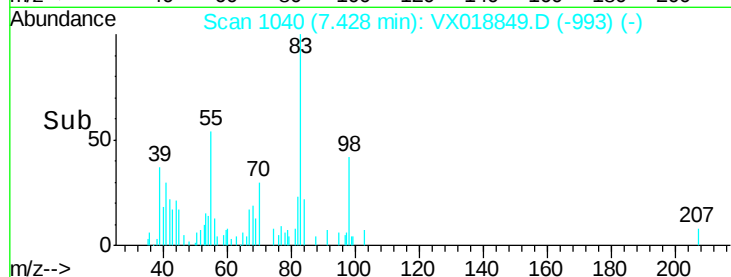
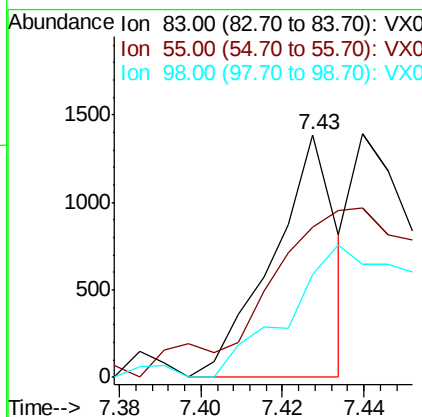
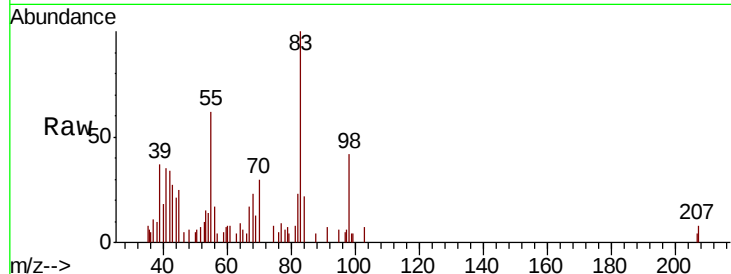




#39
Methvlcvclohexane
Concen: 0.504 ug/l
RT: 7.43 min Scan# 1040
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07 am

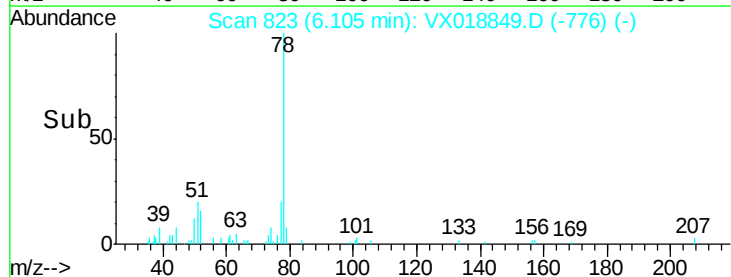
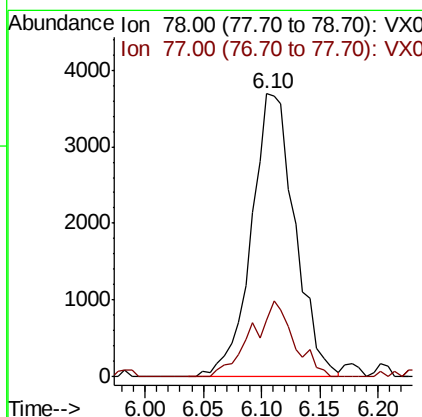
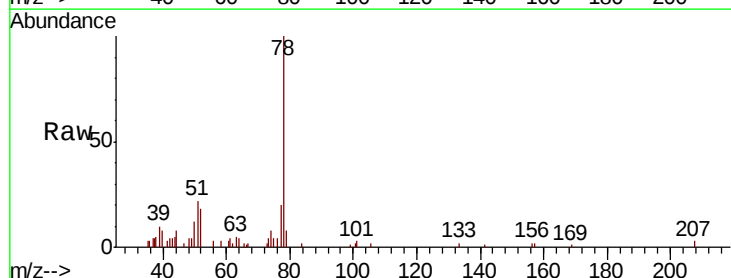
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

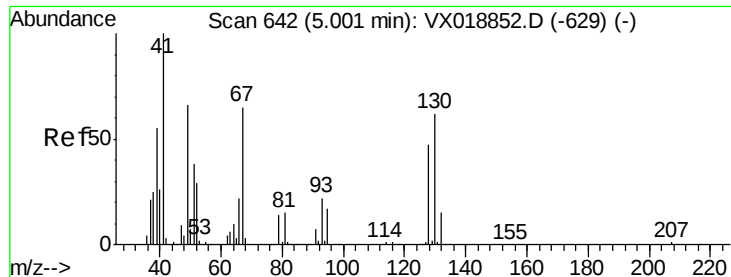
Tot Ion: 83 Resp: 1498
Ion Ratio Lower Upper
83 100
55 47.8 61.8 92.6#
98 42.3 41.4 62.0



#40
Benzene
Concen: 1.103 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07 am

Tgt Ion: 78 Resp: 9563
Ion Ratio Lower Upper
78 100
77 20.1 19.1 28.7

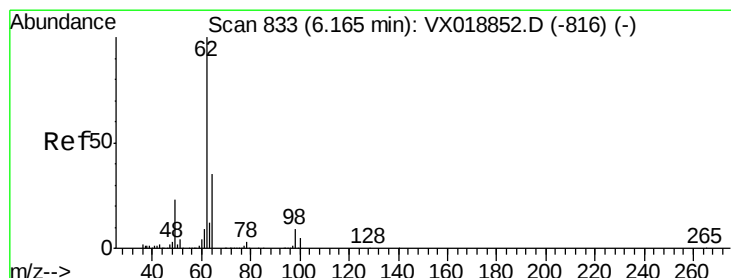
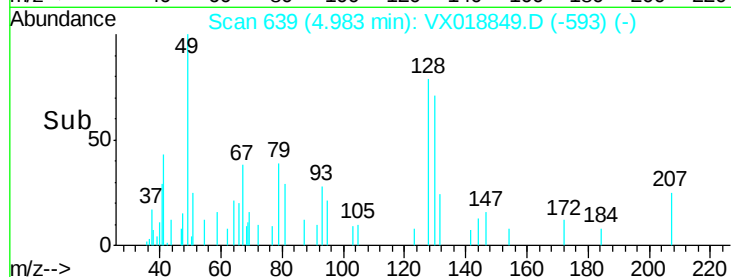
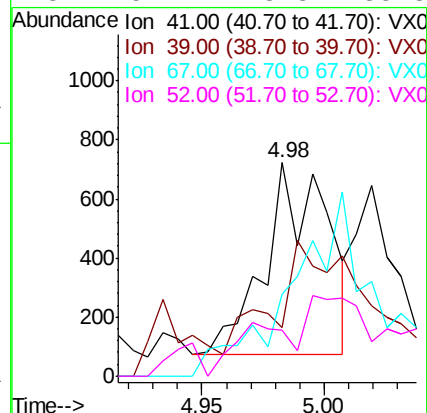
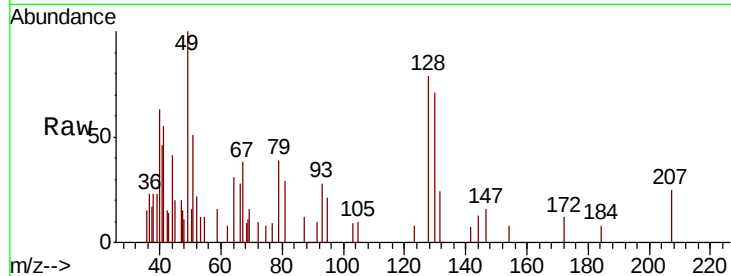




#41
Methacrylonitrile
Concen: 0.636 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.02 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07 am

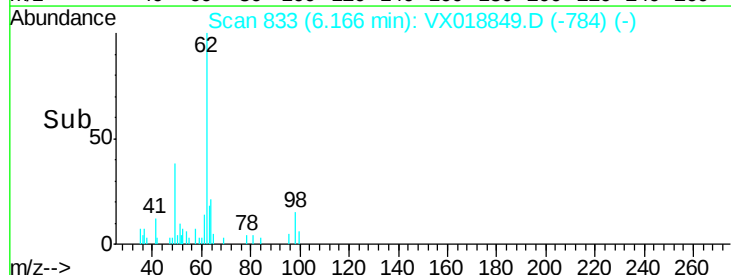
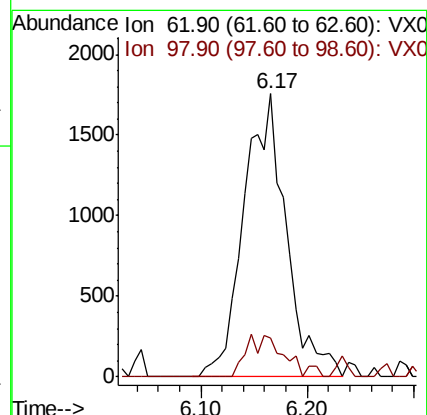
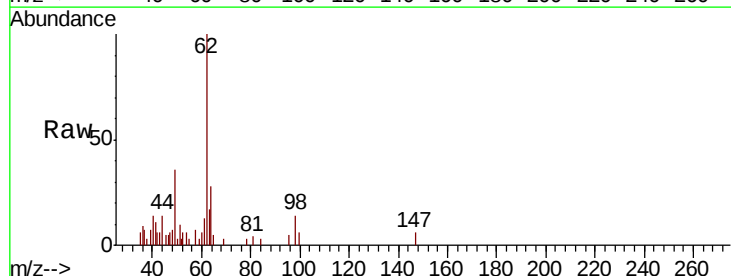
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

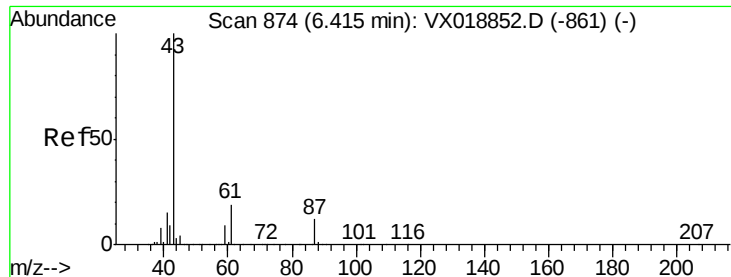
Tot Ion: 41 Resp: 1150
Ion Ratio Lower Upper
41 100
39 95.7 45.4 68.2#
67 0.0 55.4 83.2#
52 51.4 23.8 35.8#



#42
1,2-Dichloroethane
Concen: 1.205 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07 am

Tgt Ion: 62 Resp: 4899
Ion Ratio Lower Upper
62 100
98 4.8 0.0 16.4





#43

Isopropyl Acetate

Concen: 1.062 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

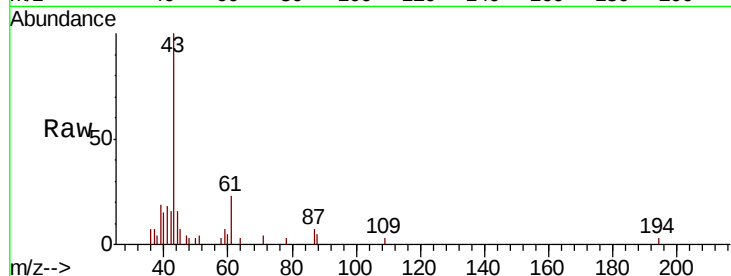
Tot Ion: 43 Resp: 5500

Ion Ratio Lower Upper

43 100

61 23.2 15.5 23.3

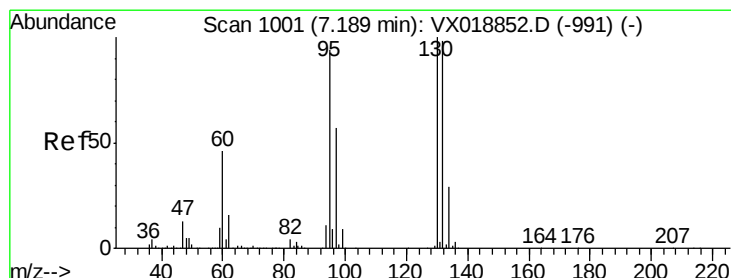
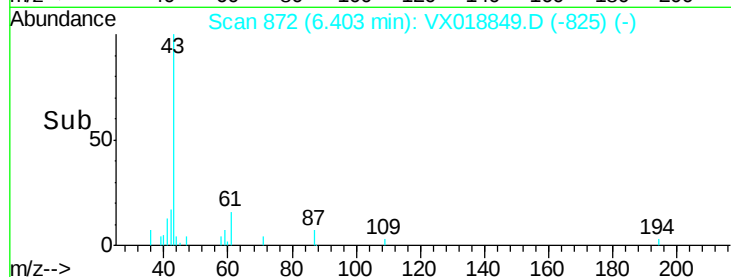
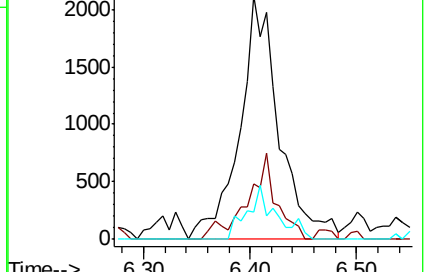
87 16.1 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX018849.D (-825) (-)

Ion 61.00 (60.70 to 61.70): VX018849.D (-825) (-)

Ion 87.00 (86.70 to 87.70): VX018849.D (-825) (-)



#44

Trichloroethene

Concen: 1.136 ug/l

RT: 7.18 min Scan# 999

Delta R.T. -0.01 min

Lab File: VX018849.D

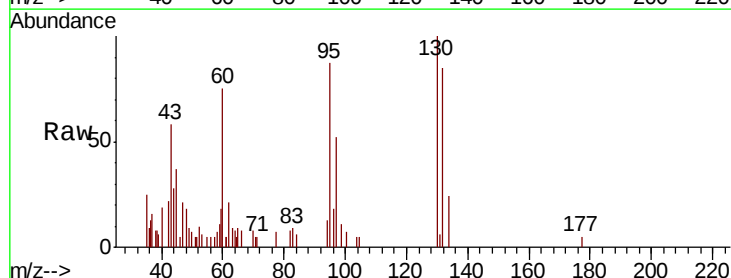
Acq: 09 Oct 2020 11:07 am

Tgt Ion: 130 Resp: 2953

Ion Ratio Lower Upper

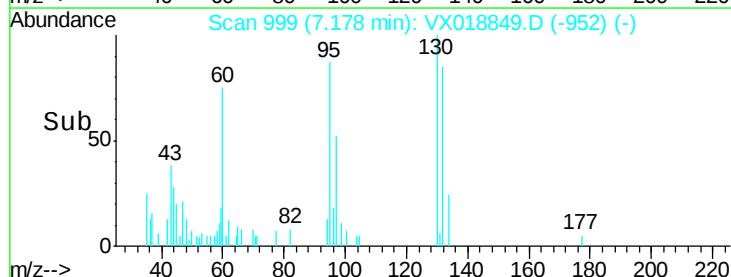
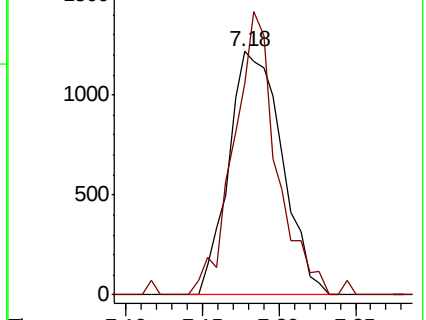
130 100

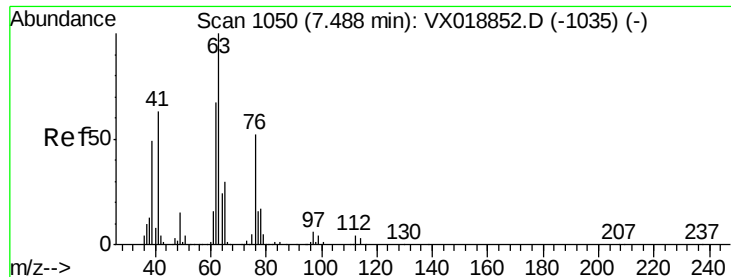
95 87.0 0.0 188.4



Abundance Ion 129.80 (129.50 to 130.50): VX018849.D (-952) (-)

Ion 94.90 (94.60 to 95.60): VX018849.D (-952) (-)





#45

1,2-Dichloropropane

Concen: 1.134 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampled :

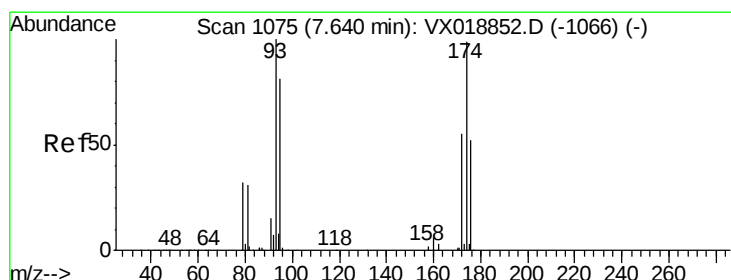
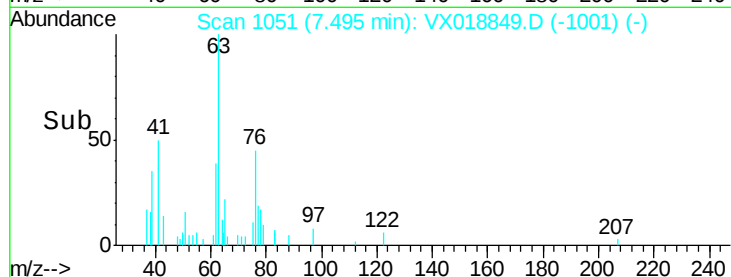
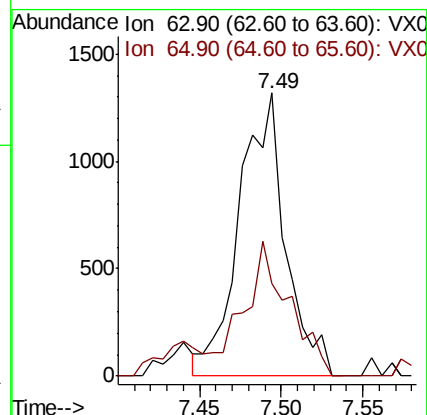
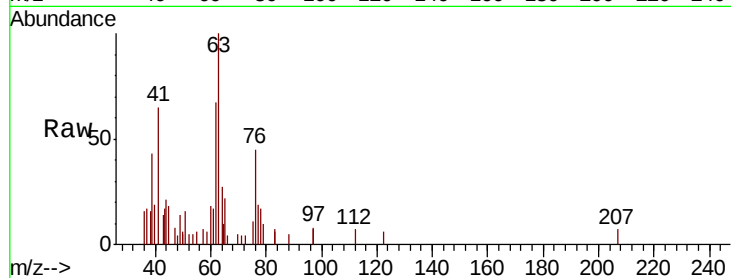
VSTDIC001

Tot Ion: 63 Resp: 2601

Ion Ratio Lower Upper

63 100

65 33.9 24.2 36.4



#46

Dibromomethane

Concen: 1.048 ug/l

RT: 7.63 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

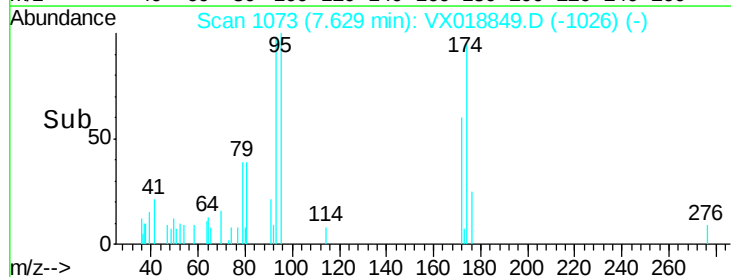
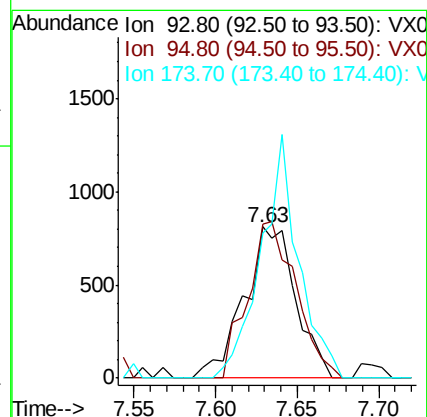
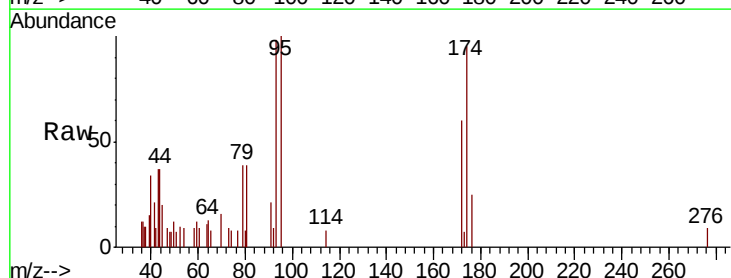
Tgt Ion: 93 Resp: 1777

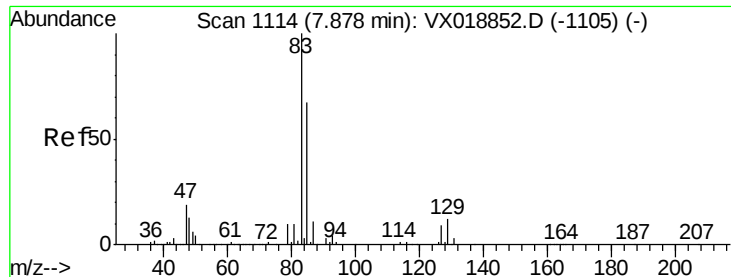
Ion Ratio Lower Upper

93 100

95 97.5 66.1 99.1

174 117.2 84.6 127.0





#47

Bromodichloromethane

Concen: 1.109 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

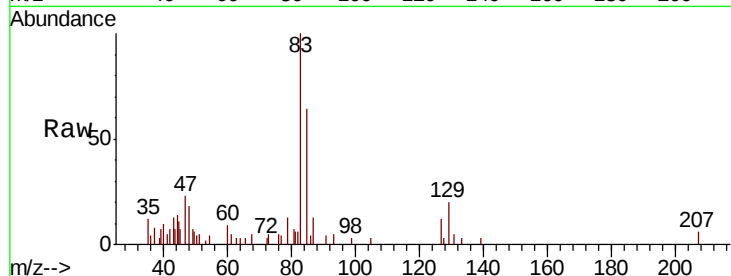
Tot Ion: 83 Resp: 4075

Ion Ratio Lower Upper

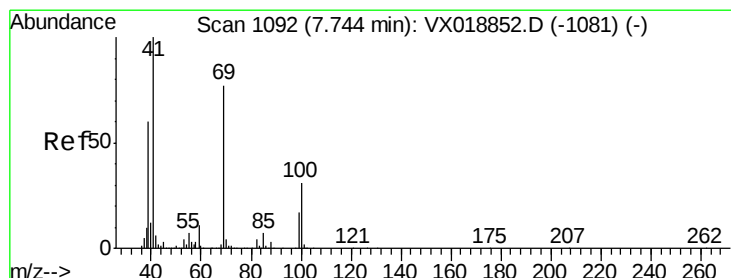
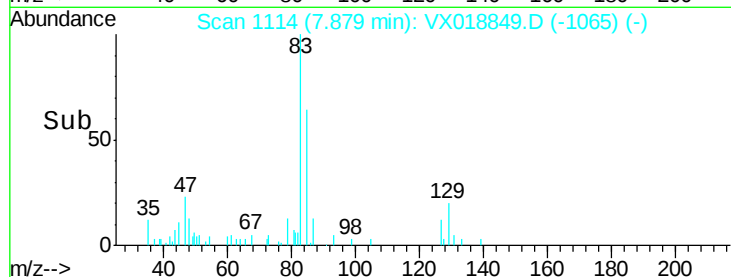
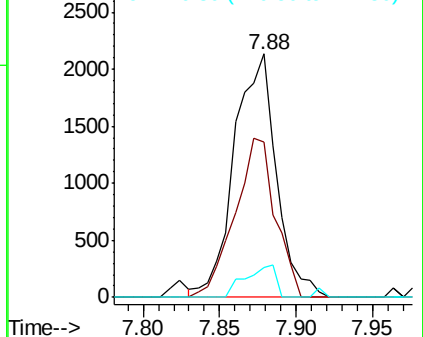
83 100

85 64.0 53.8 80.6

127 12.1 7.5 11.3#



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: 1.034 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

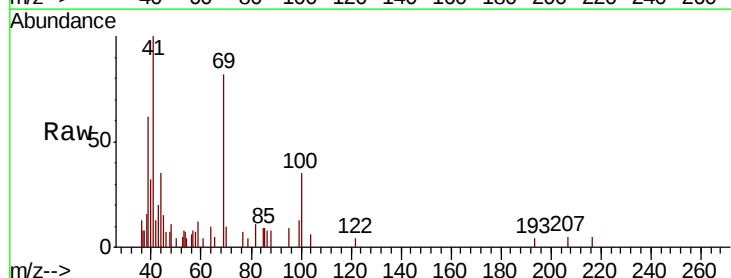
Tgt Ion: 41 Resp: 2717

Ion Ratio Lower Upper

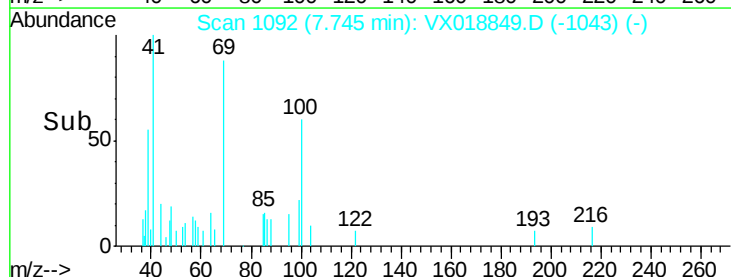
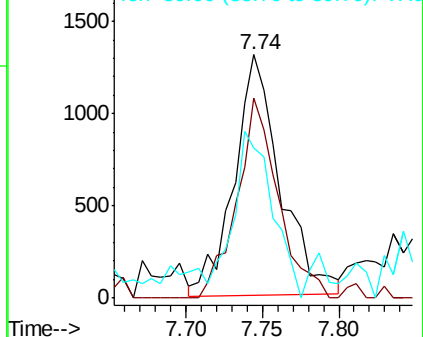
41 100

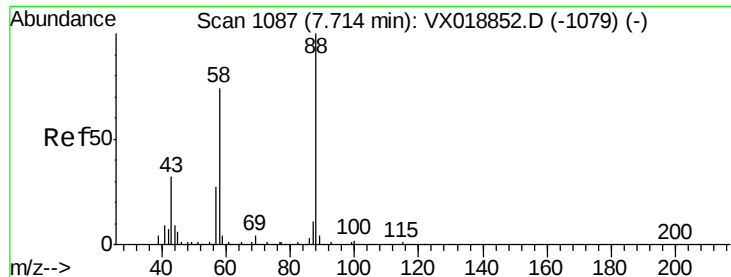
69 74.5 64.6 97.0

39 59.3 48.6 73.0



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

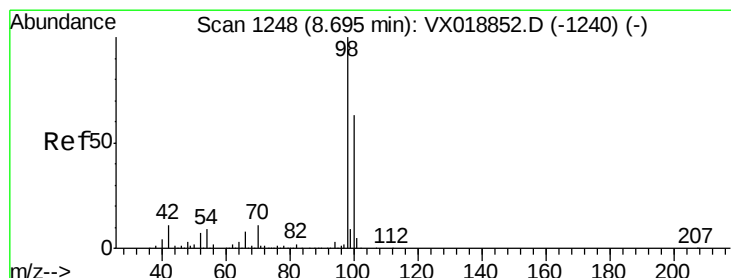
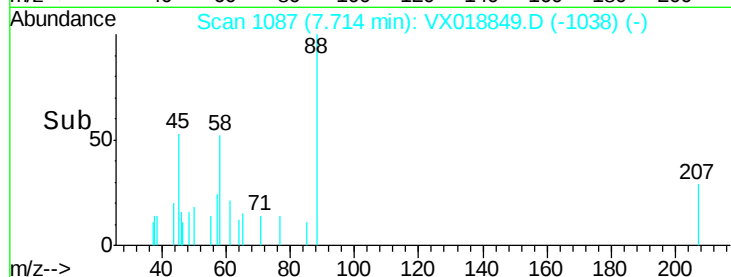
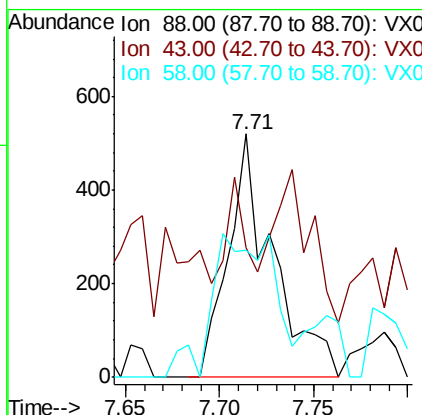
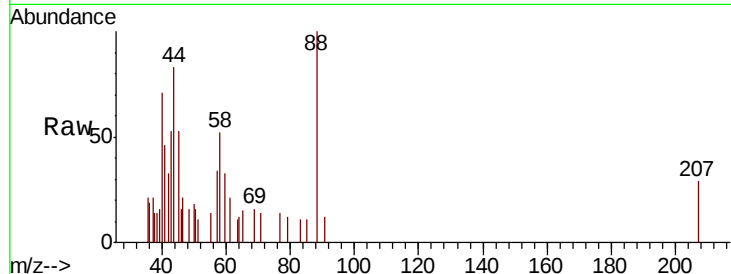




#49
 1,4-Dioxane
 Concen: 22.959 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07 am

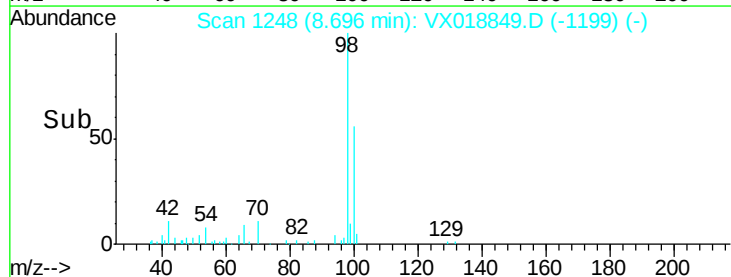
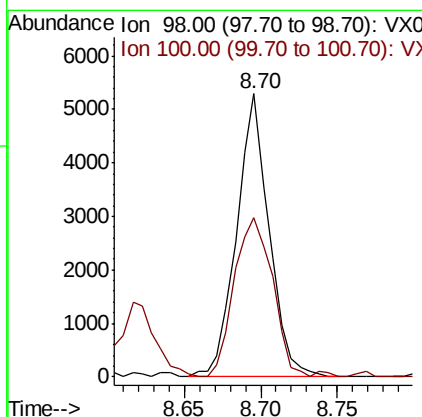
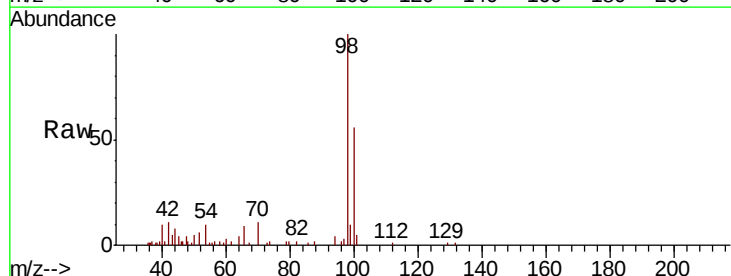
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

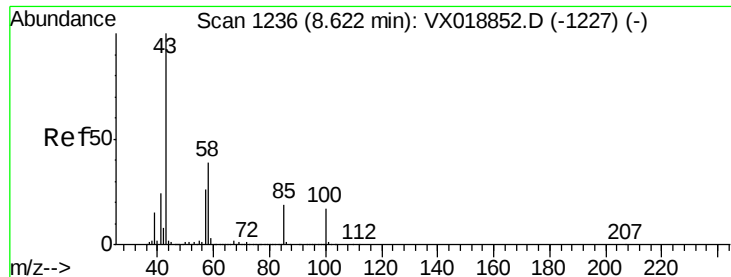
Tot Ion: 88 Resp: 846
 Ion Ratio Lower Upper
 88 100
 43 16.5 31.0 46.6#
 58 81.9 59.3 88.9



#50
 Toluene-d8
 Concen: 1.028 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07 am

Tgt Ion: 98 Resp: 7799
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 4.168 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

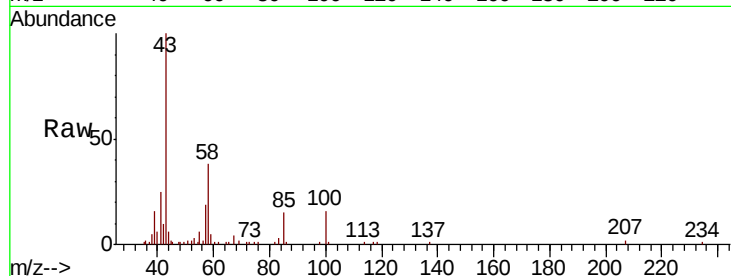
VSTDIC001

Tot Ion: 43 Resp: 12600

Ion Ratio Lower Upper

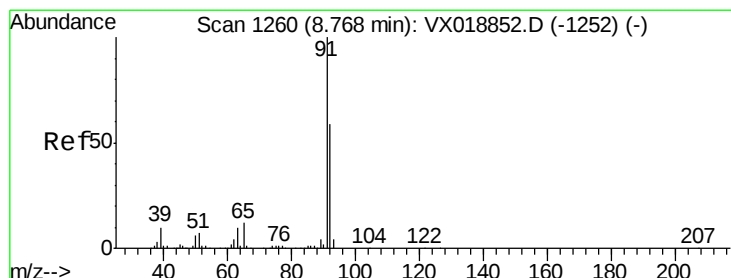
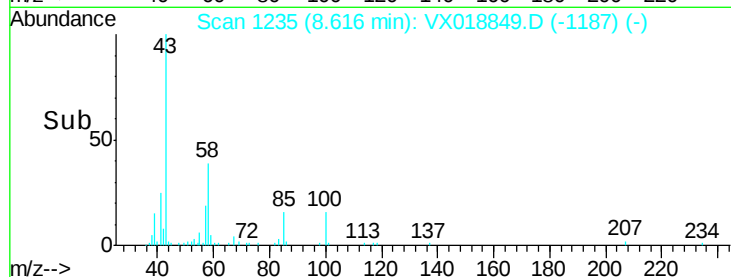
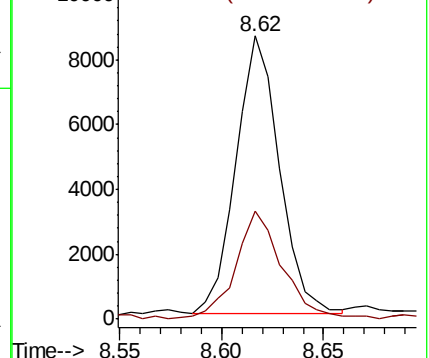
43 100

58 42.2 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.972 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018849.D

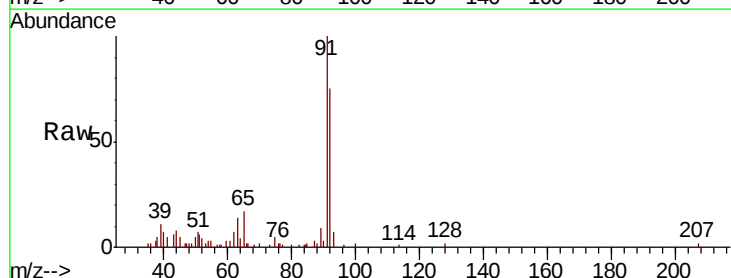
Acq: 09 Oct 2020 11:07 am

Tgt Ion: 92 Resp: 5406

Ion Ratio Lower Upper

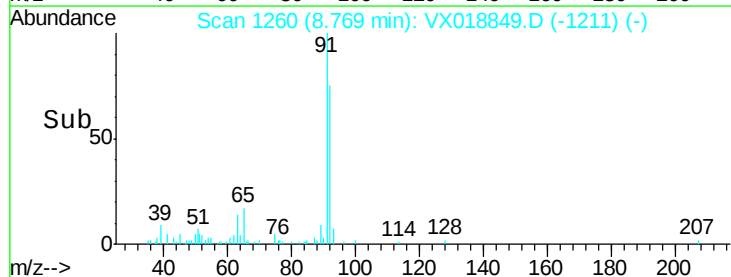
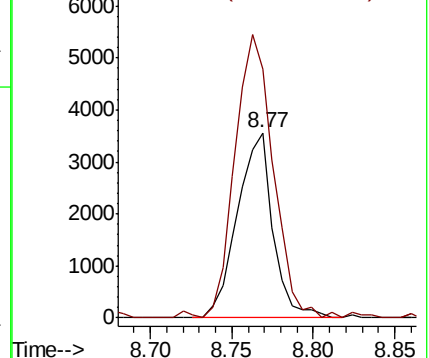
92 100

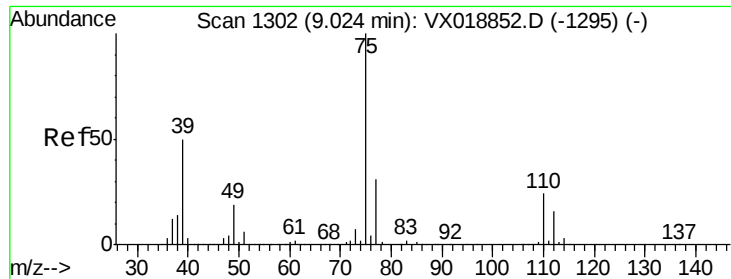
91 164.5 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

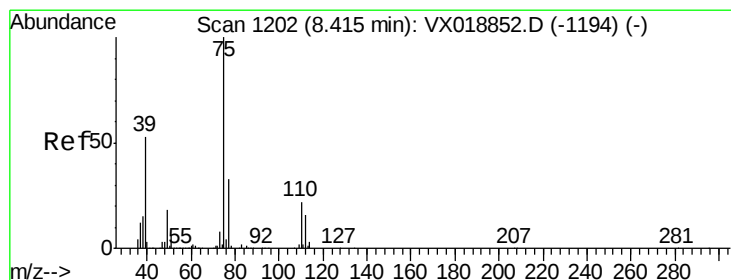
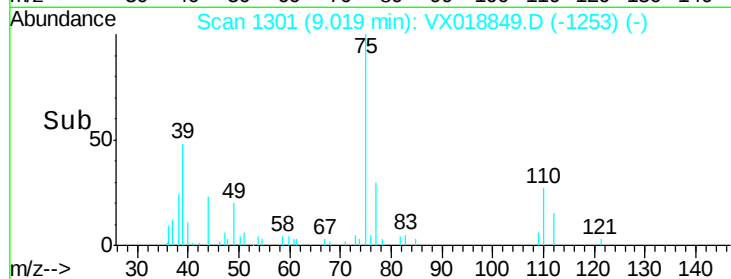
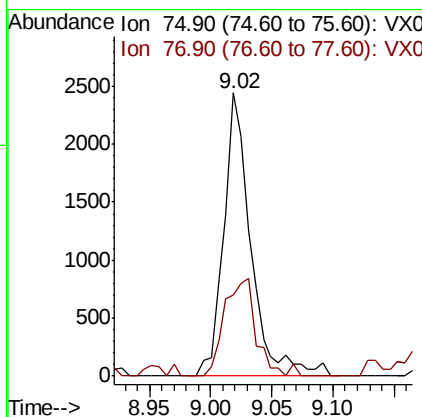
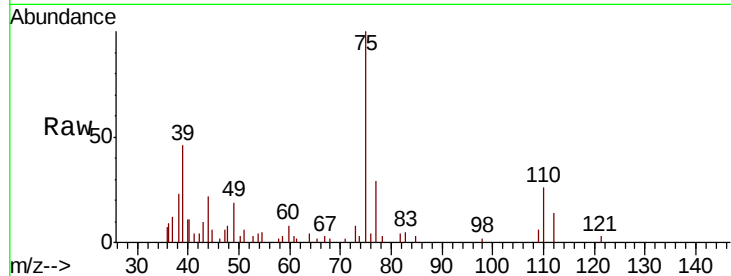




#53
t-1,3-Dichloropropene
Concen: 0.988 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07 am

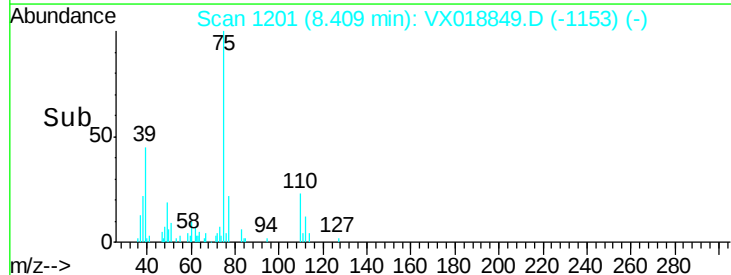
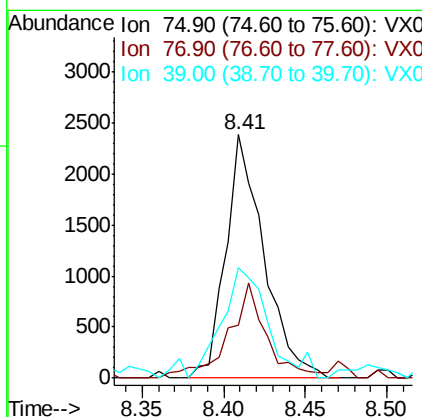
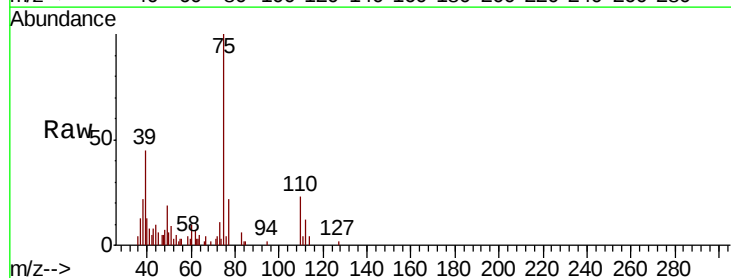
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

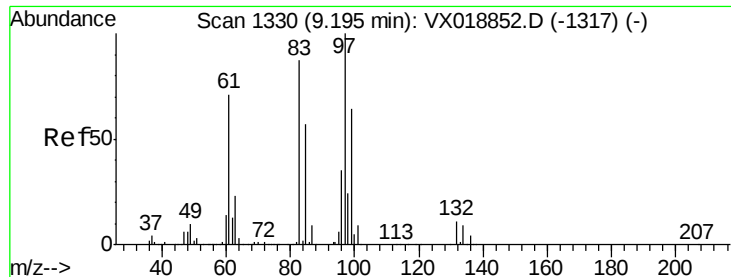
Tot Ion: 75 Resp: 3757
Ion Ratio Lower Upper
75 100
77 28.6 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 0.994 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07 am

Tgt Ion: 75 Resp: 3890
Ion Ratio Lower Upper
75 100
77 17.6 26.6 39.8#
39 45.2 42.6 64.0

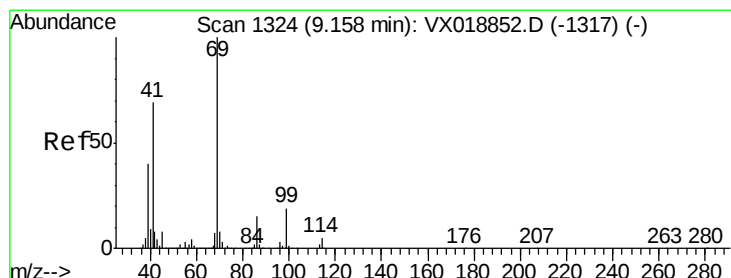
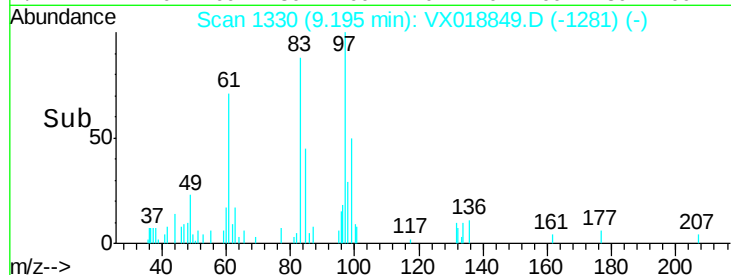
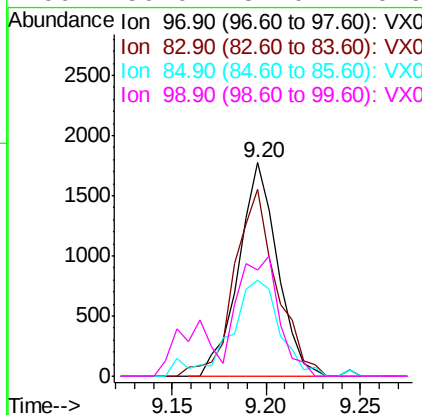
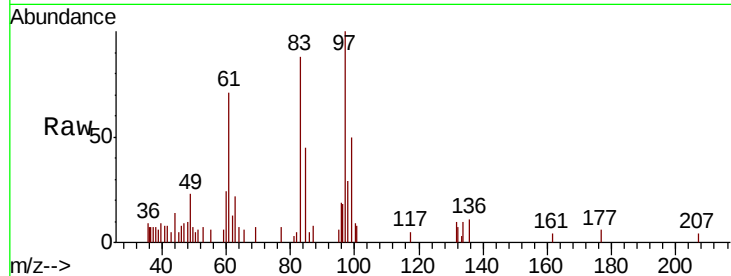




#55
 1,1,2-Trichloroethane
 Concen: 1.063 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07 am

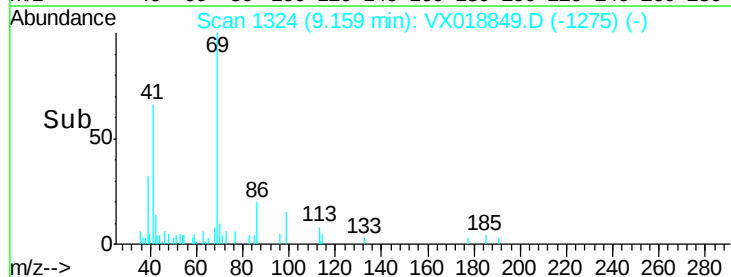
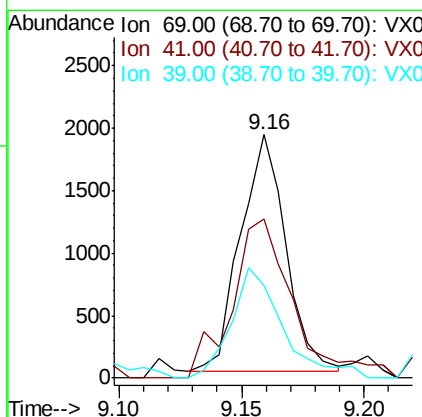
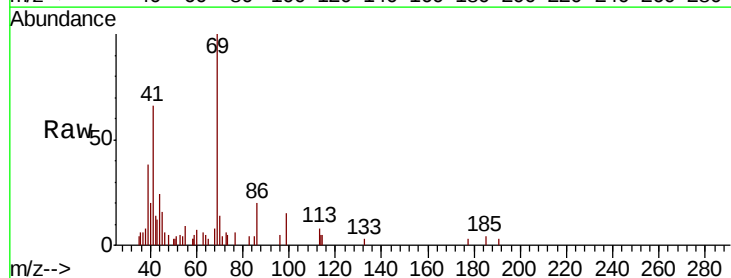
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

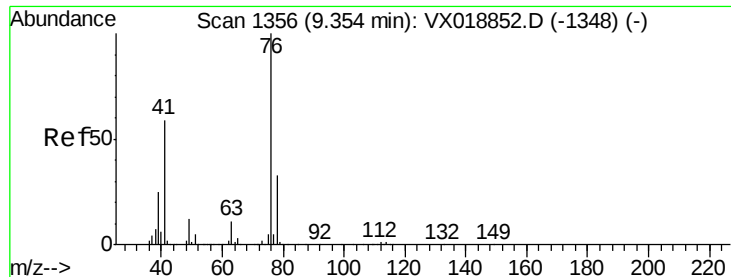
Tot Ion: 97 Resp: 2540
 Ion Ratio Lower Upper
 97 100
 83 87.5 69.3 103.9
 85 45.1 45.3 67.9#
 99 50.0 51.0 76.6#



#56
 Ethyl methacrylate
 Concen: 3.599 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07 am

Tgt Ion: 69 Resp: 2464
 Ion Ratio Lower Upper
 69 100
 41 90.1 54.6 81.8#
 39 52.4 31.5 47.3#





#57

1,3-Dichloropropane

Concen: 0.981 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

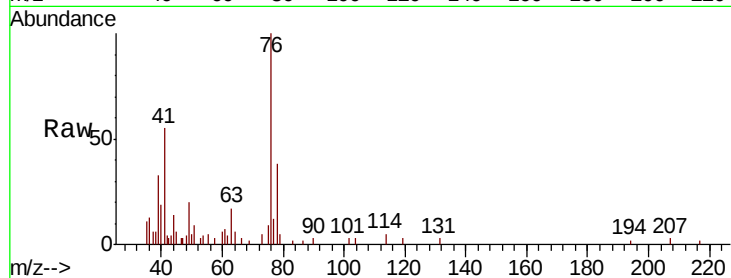
VSTDIC001

Tot Ion: 76 Resp: 3803

Ion Ratio Lower Upper

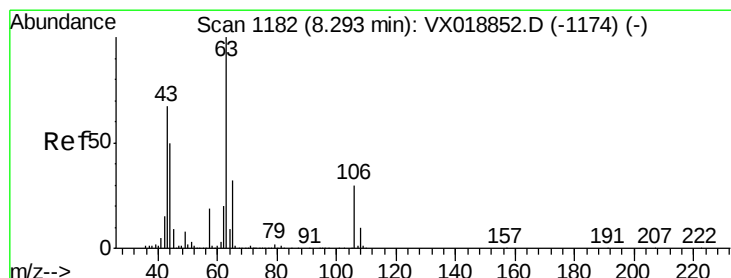
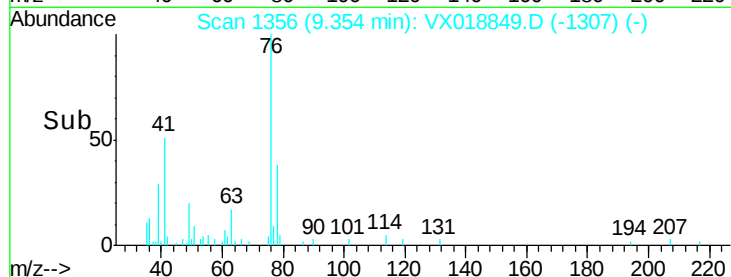
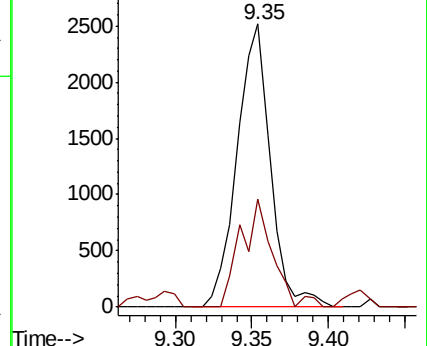
76 100

78 36.7 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 4.305 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018849.D

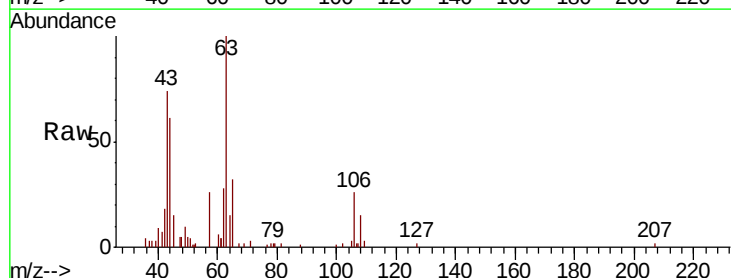
Acq: 09 Oct 2020 11:07 am

Tgt Ion: 63 Resp: 7444

Ion Ratio Lower Upper

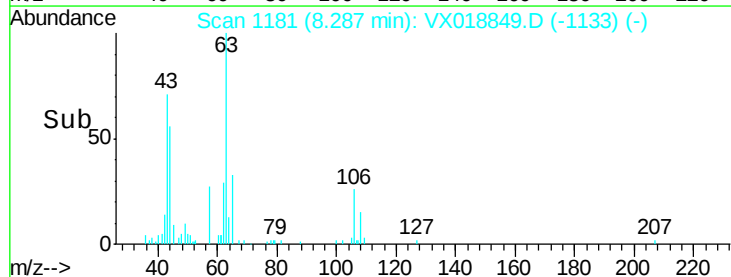
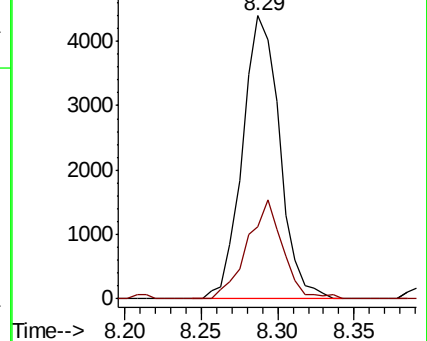
63 100

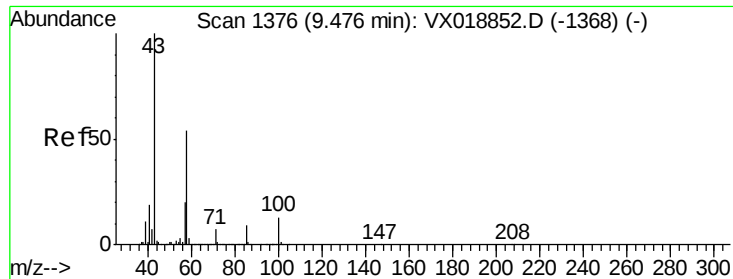
106 33.6 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

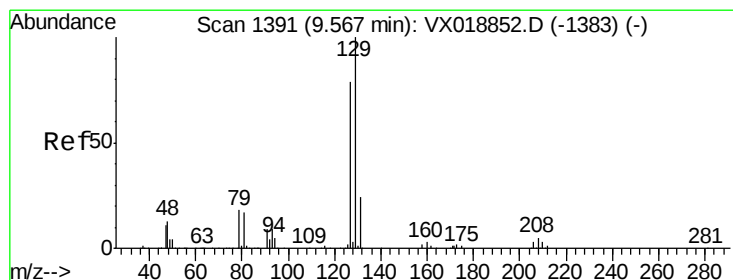
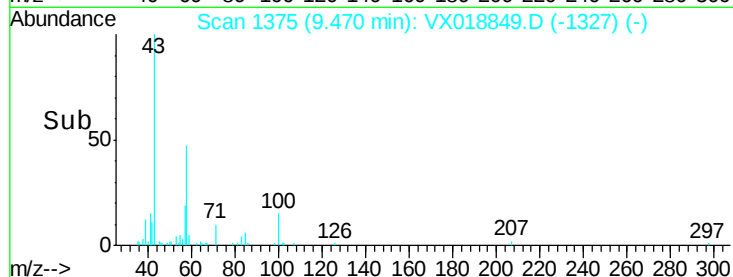
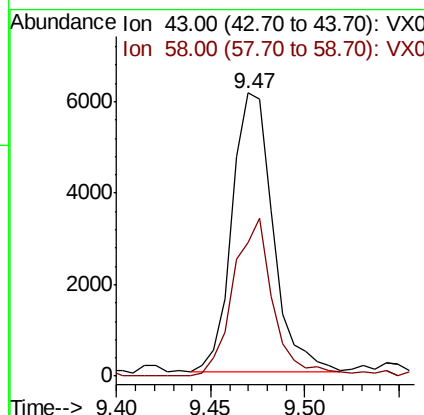
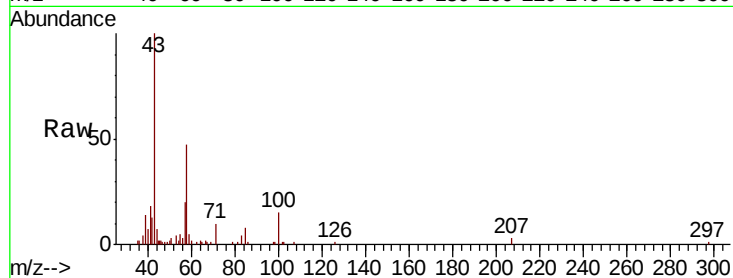




#59
 2-Hexanone
 Concen: 4.004 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07 am

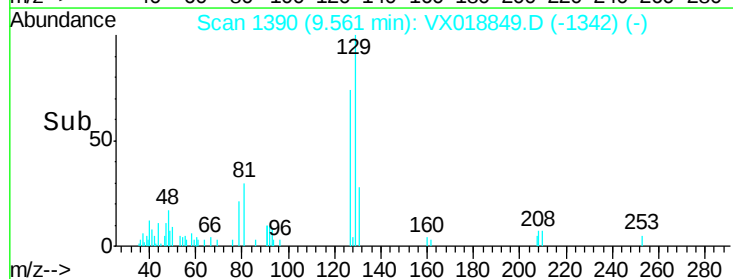
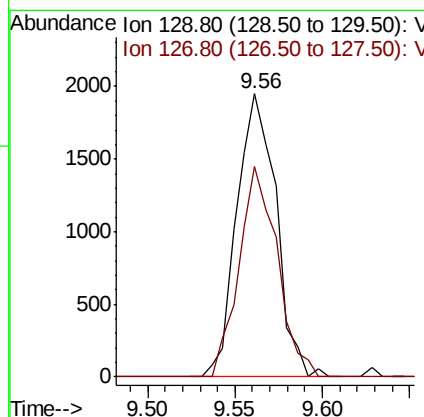
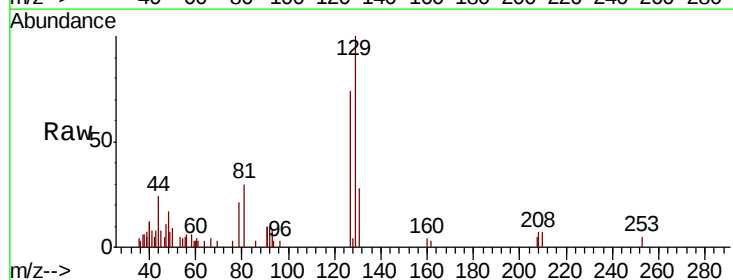
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

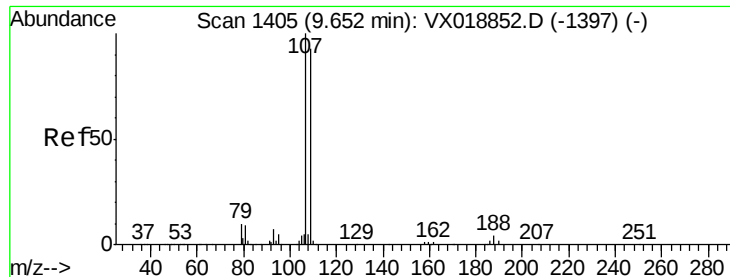
Tot Ion: 43 Resp: 9222
 Ion Ratio Lower Upper
 43 100
 58 54.8 26.7 80.1



#60
 Dibromochloromethane
 Concen: 1.013 ug/l
 RT: 9.56 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07 am

Tgt Ion: 129 Resp: 3039
 Ion Ratio Lower Upper
 129 100
 127 72.5 39.5 118.5





#61

1,2-Dibromoethane

Concen: 1.016 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

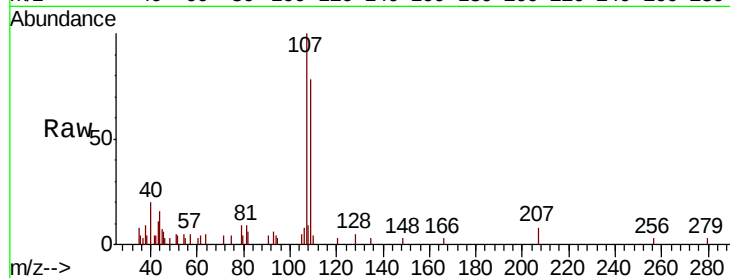
VSTDIC001

Tot Ion:107 Resp: 2605

Ion Ratio Lower Upper

107 100

109 93.8 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.66

1500

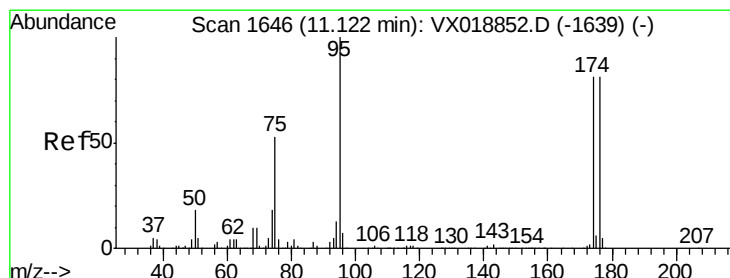
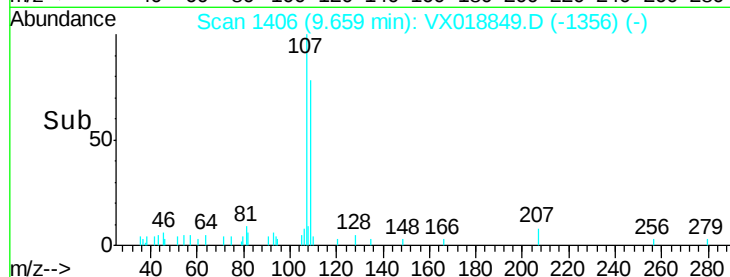
1000

500

0

9.60 9.65 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 0.846 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

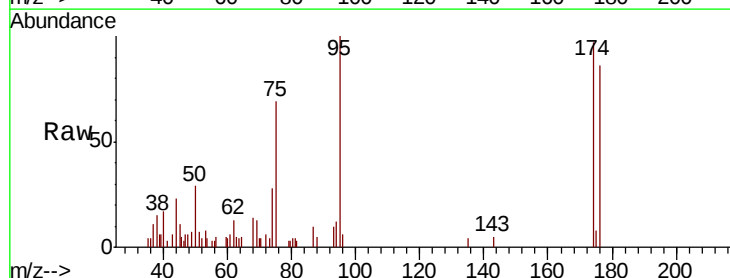
Tgt Ion: 95 Resp: 2557

Ion Ratio Lower Upper

95 100

174 93.3 0.0 160.0

176 85.9 0.0 161.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

2500

2000

1500

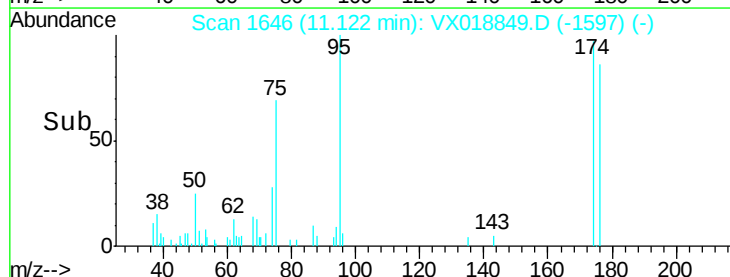
1000

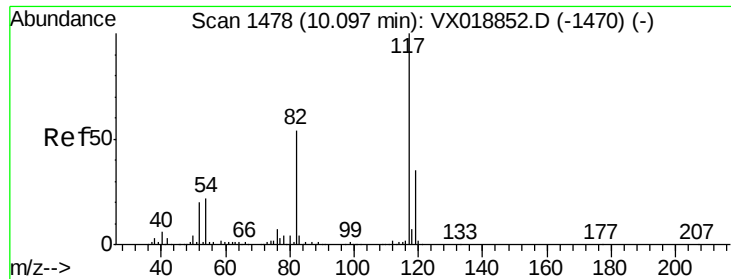
500

0

11.10 11.15

Time-->

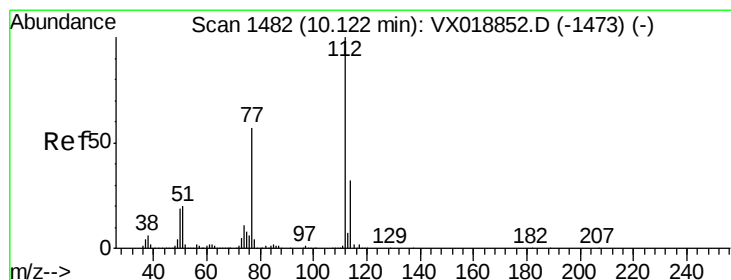
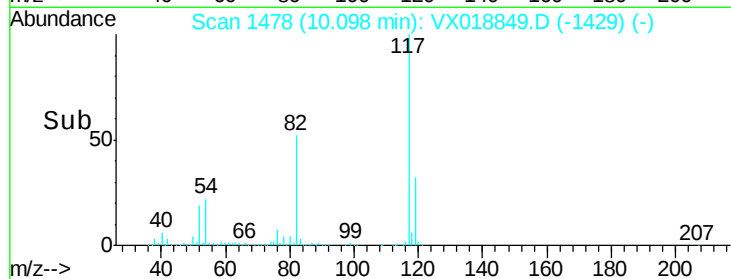
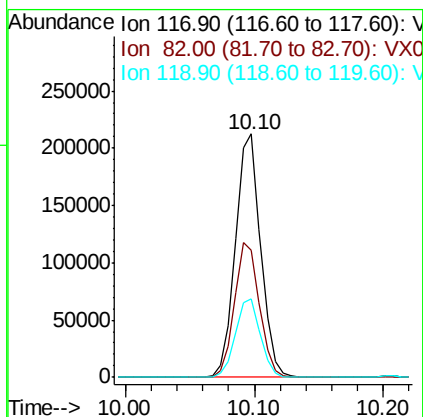
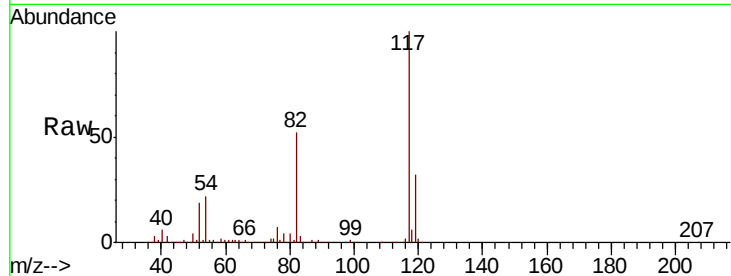




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07 am

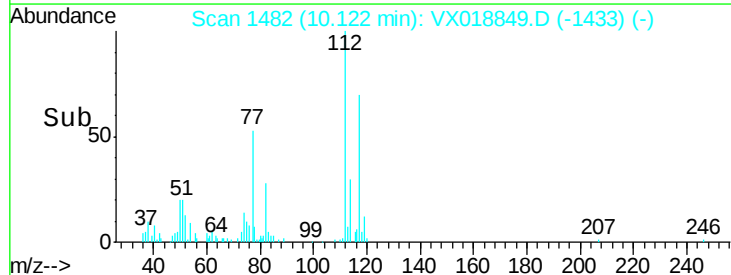
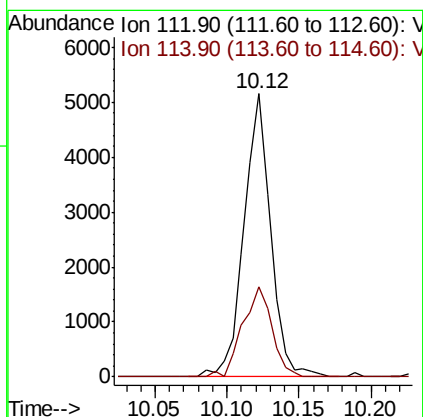
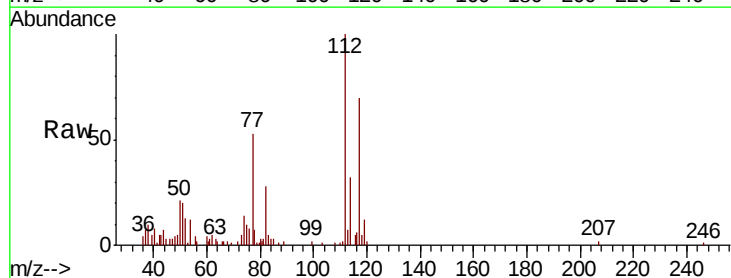
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

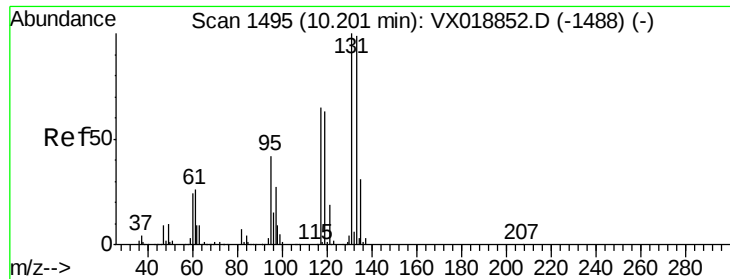
Tot Ion:117 Resp: 290150
Ion Ratio Lower Upper
117 100
82 52.0 43.4 65.2
119 32.4 28.3 42.5



#65
Chlorobenzene
Concen: 1.054 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07 am

Tgt Ion:112 Resp: 6607
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

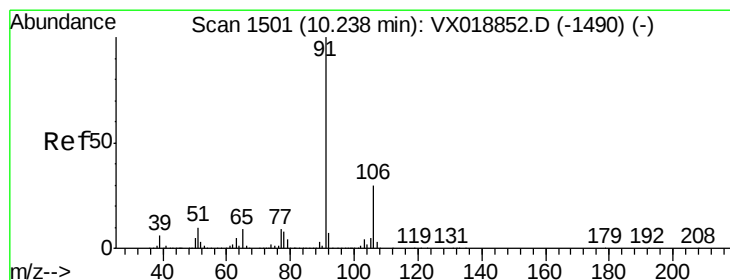
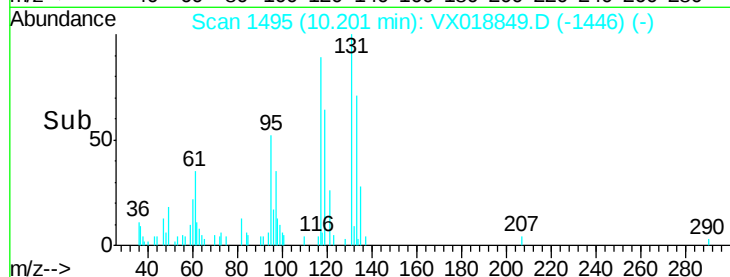
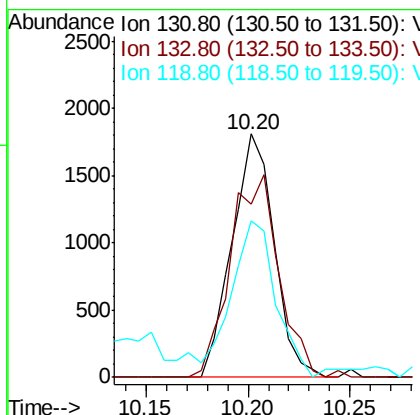
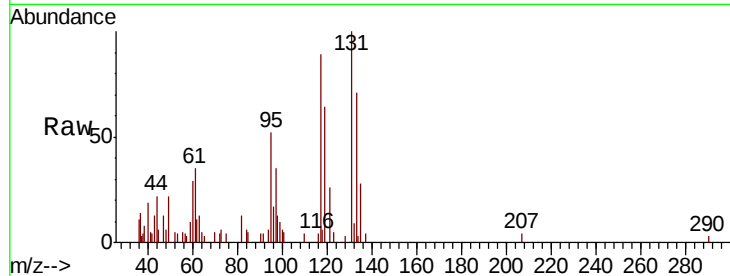




#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.004 ug/l
 RT: 10.20 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07 am

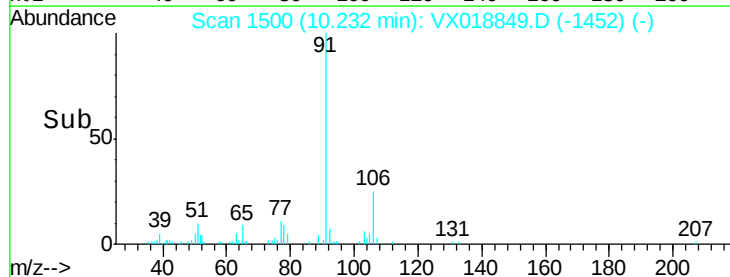
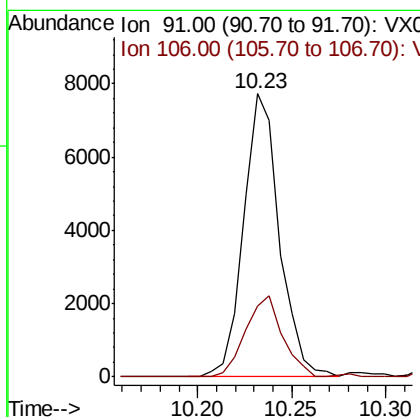
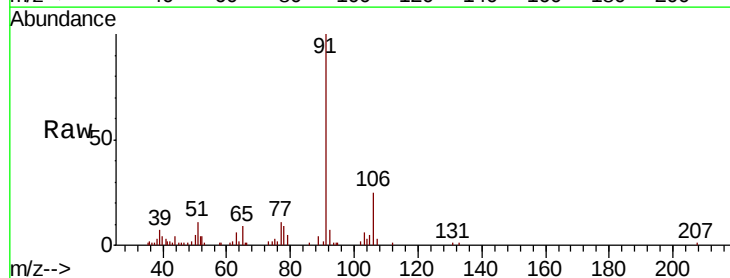
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

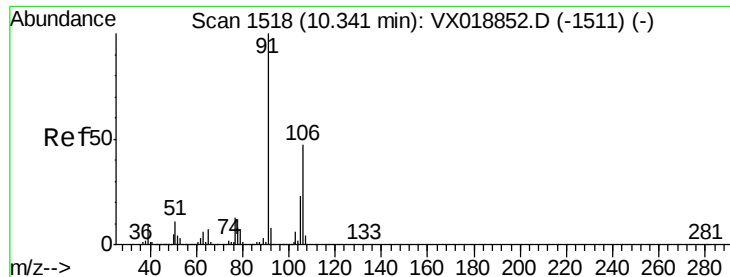
Tot Ion:131 Resp: 2597
 Ion Ratio Lower Upper
 131 100
 133 96.7 48.6 145.8
 119 0.0 31.1 93.3#



#67
 Ethyl Benzene
 Concen: 0.961 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07 am

Tgt Ion: 91 Resp: 10161
 Ion Ratio Lower Upper
 91 100
 106 24.9 24.0 36.0

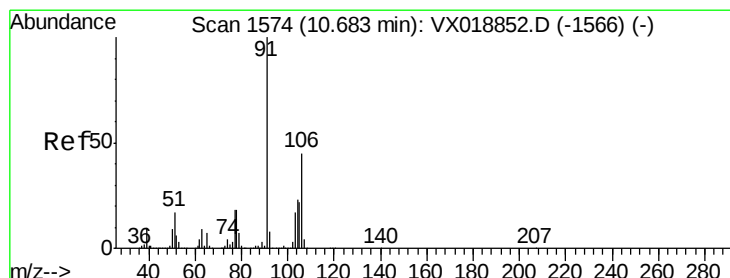
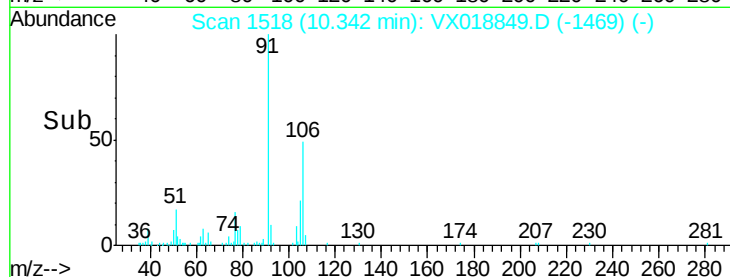
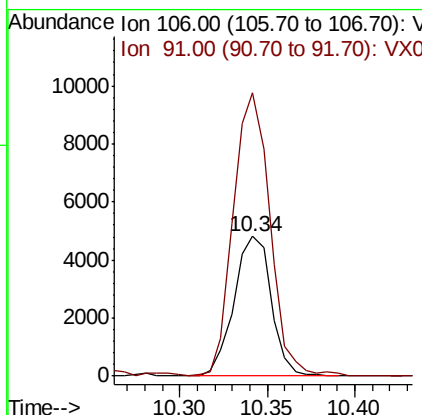
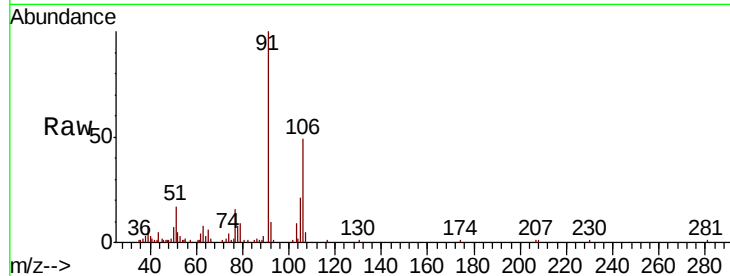




#68
m/p-Xylenes
Concen: 1.771 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07 am

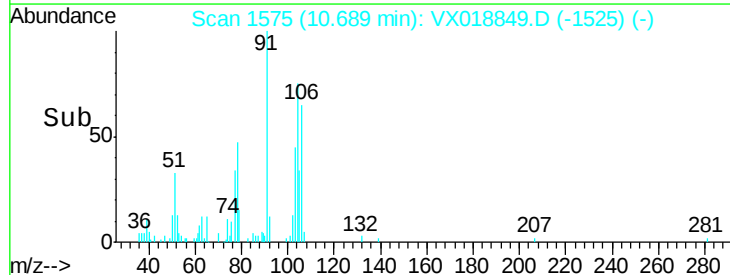
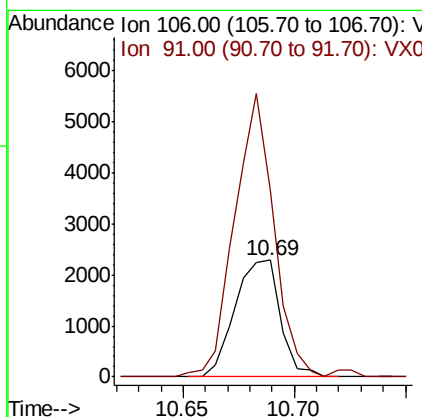
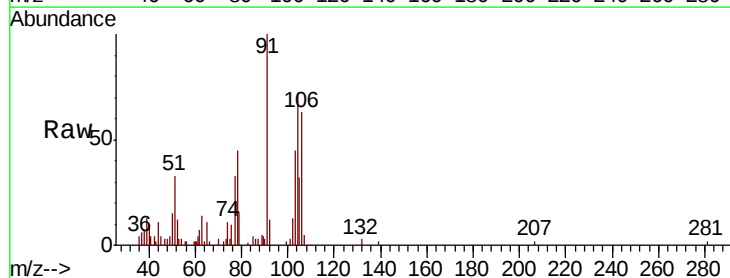
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

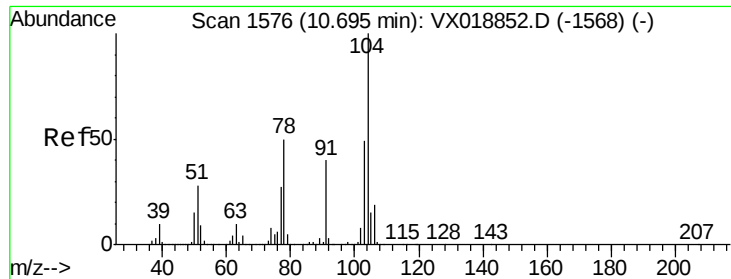
Tot Ion:106 Resp: 7119
Ion Ratio Lower Upper
106 100
91 200.4 165.6 248.4



#69
o-Xylene
Concen: 0.854 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07 am

Tgt Ion:106 Resp: 3232
Ion Ratio Lower Upper
106 100
91 210.6 109.9 329.6





#70

Stvrene

Concen: 0.782 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

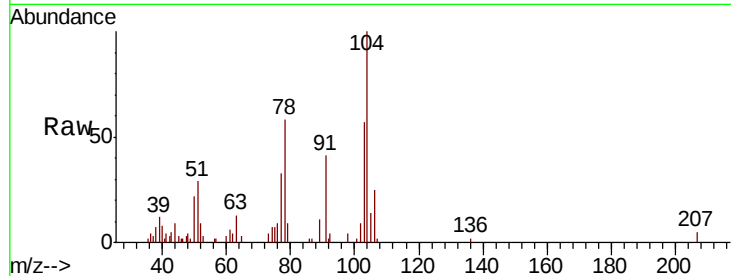
Tot Ion:104 Resp: 5010

Ion Ratio Lower Upper

104 100

78 57.7 43.5 65.3

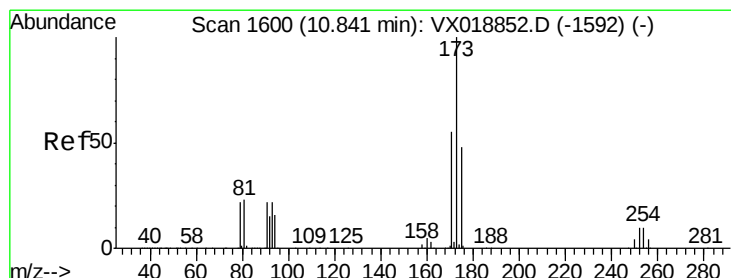
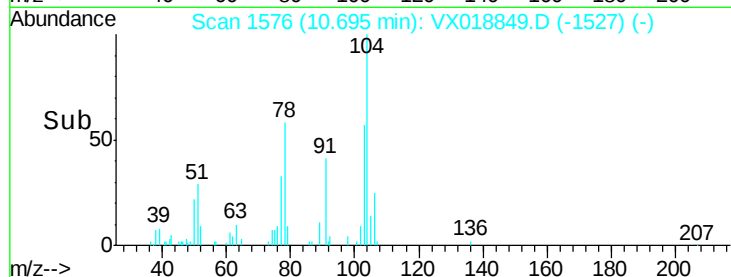
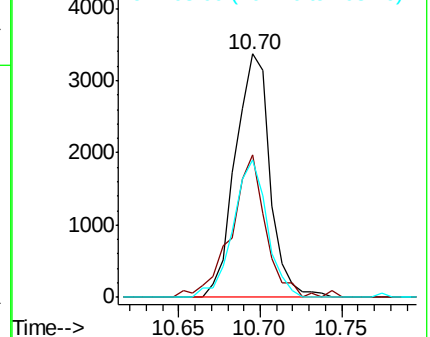
103 55.2 43.3 64.9



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: 1.027 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

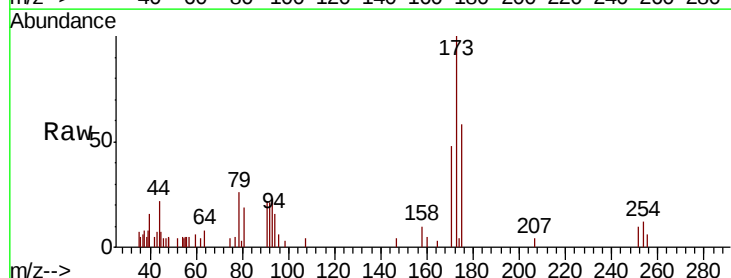
Tgt Ion:173 Resp: 2297

Ion Ratio Lower Upper

173 100

175 57.8 23.4 70.0

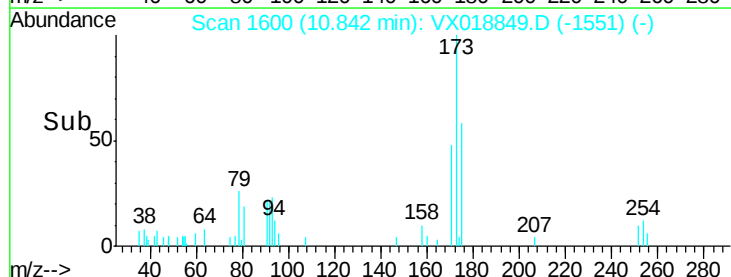
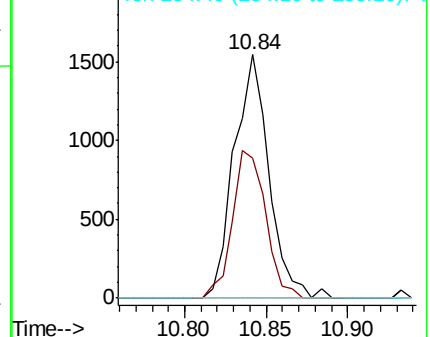
254 0.0 0.0 0.0

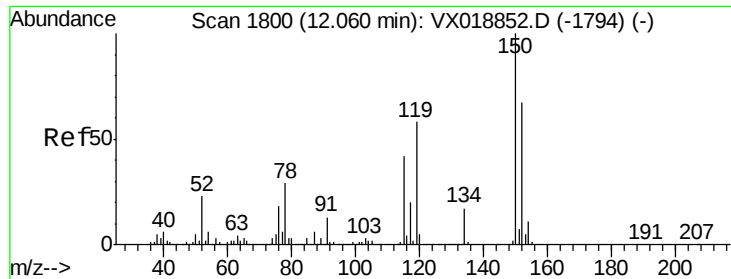


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

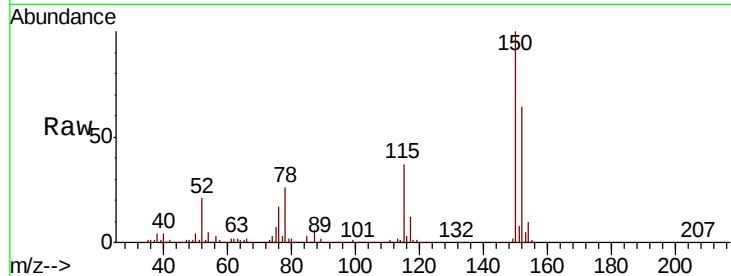
Tot Ion:152 Resp: 141783

Ion Ratio Lower Upper

152 100

115 58.1 41.8 125.4

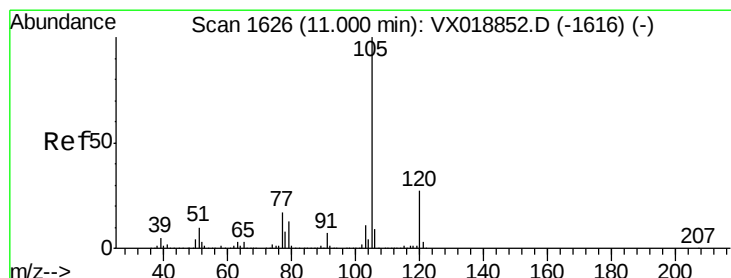
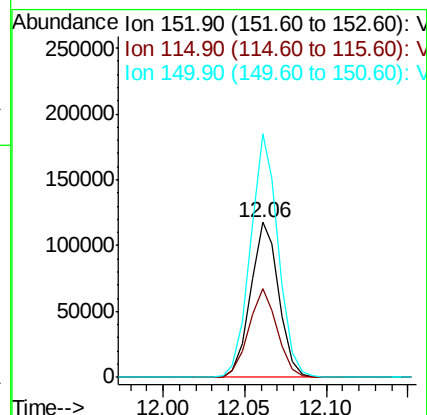
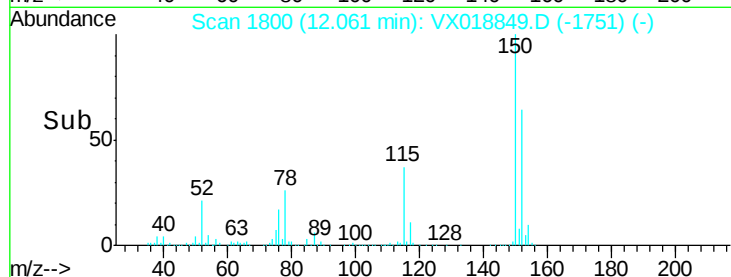
150 154.5 0.0 347.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.850 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018849.D

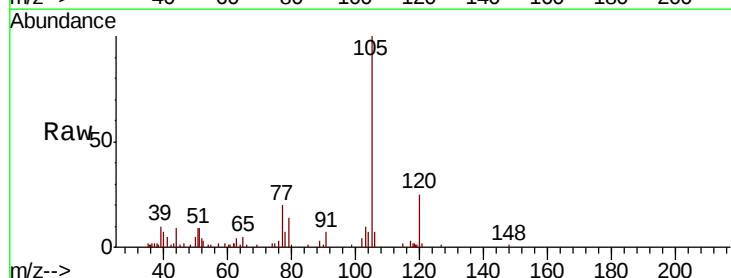
Acq: 09 Oct 2020 11:07 am

Tgt Ion:105 Resp: 7879

Ion Ratio Lower Upper

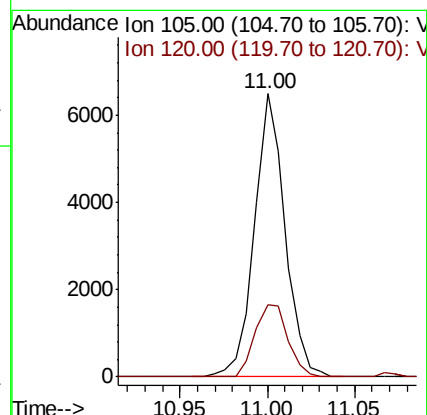
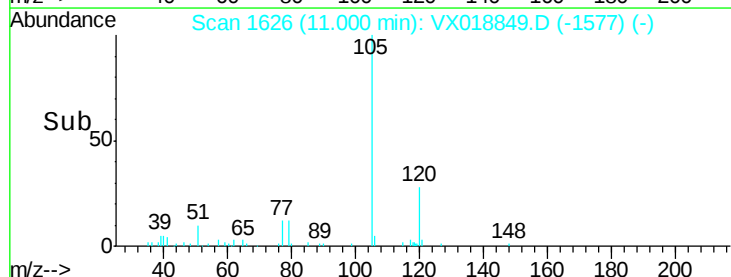
105 100

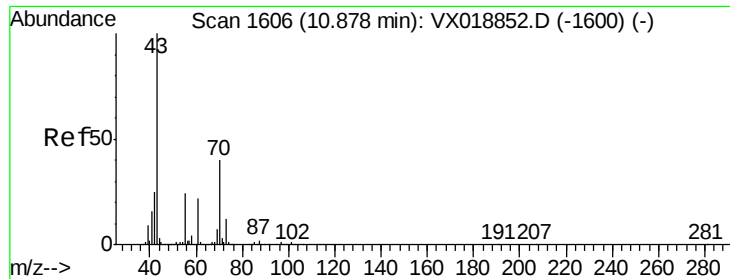
120 27.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.820 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 3010

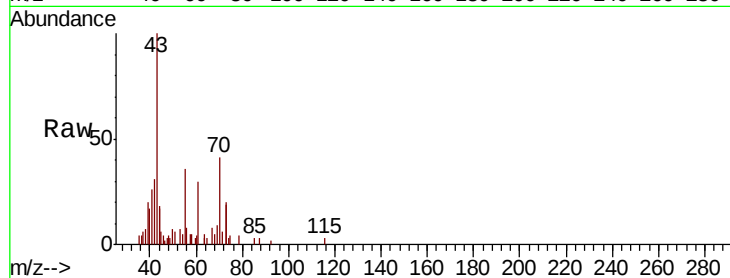
Ion Ratio Lower Upper

43 100

70 40.3 33.7 50.5

55 37.7 19.8 29.8#

61 30.4 18.6 28.0#

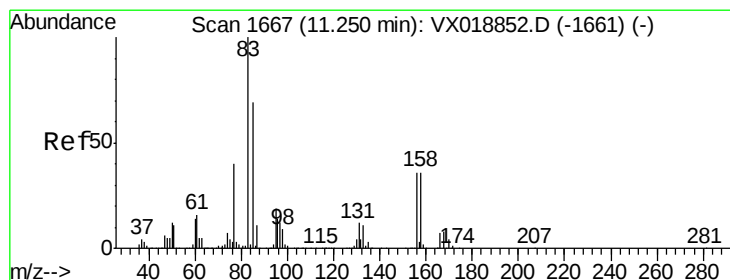
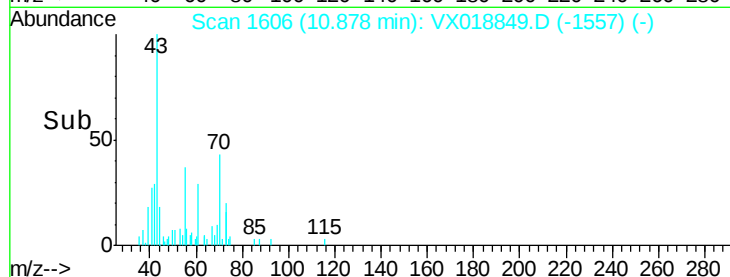
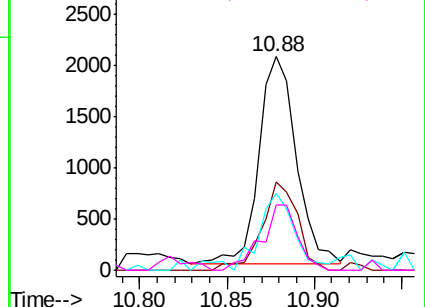


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.107 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

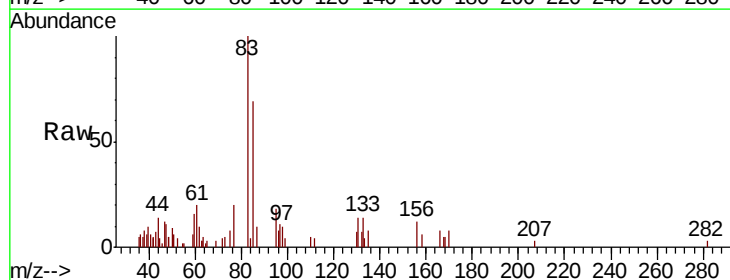
Tgt Ion: 83 Resp: 3421

Ion Ratio Lower Upper

83 100

131 15.7 5.9 17.8

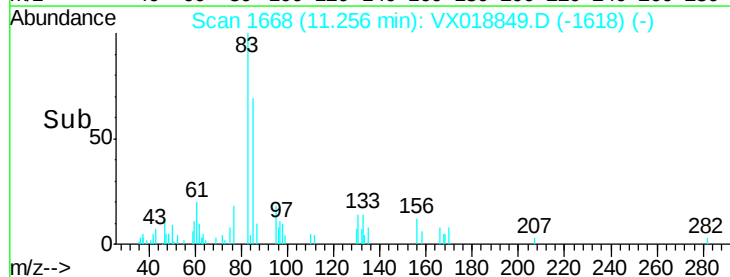
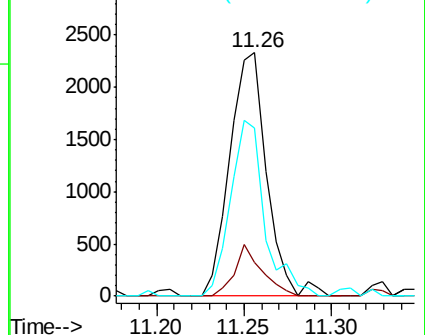
85 67.1 33.0 98.9

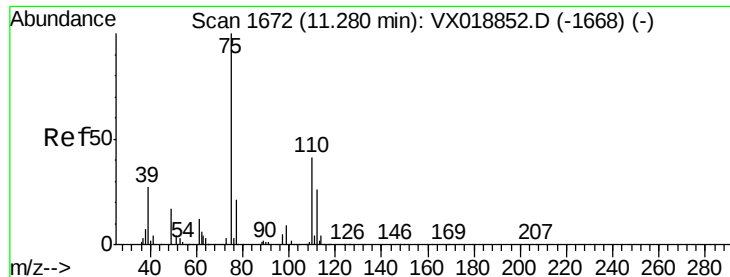


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 1.430 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

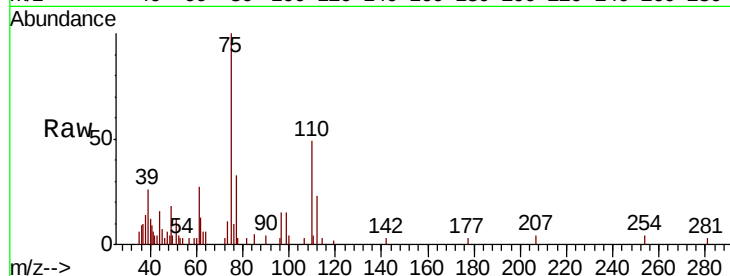
VSTDIC001

Tot Ion: 75 Resp: 4370

Ion Ratio Lower Upper

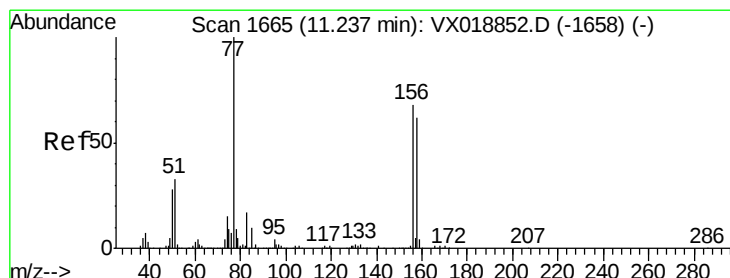
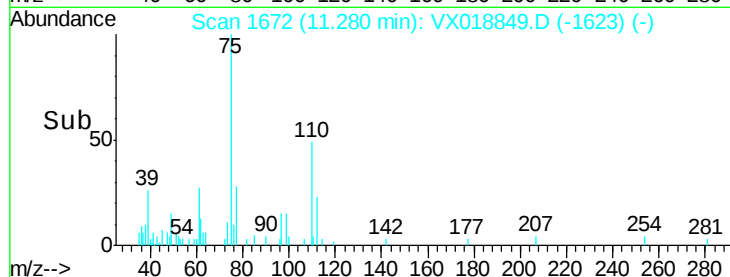
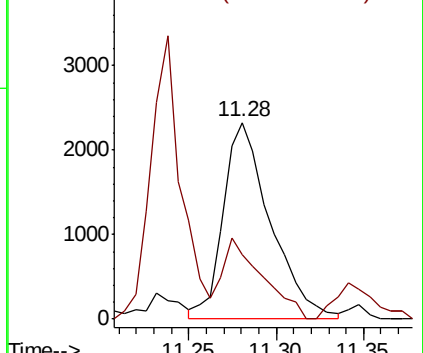
75 100

77 34.6 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 1.010 ug/l

RT: 11.23 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

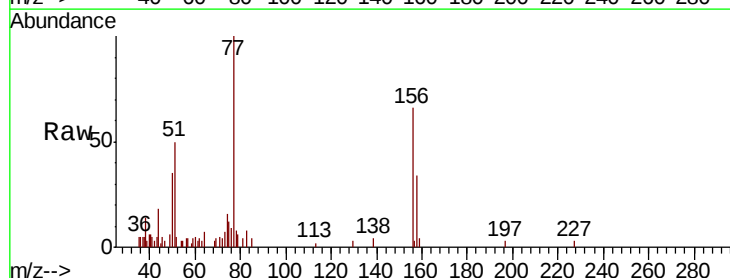
Tgt Ion: 156 Resp: 2573

Ion Ratio Lower Upper

156 100

77 157.7 76.0 228.1

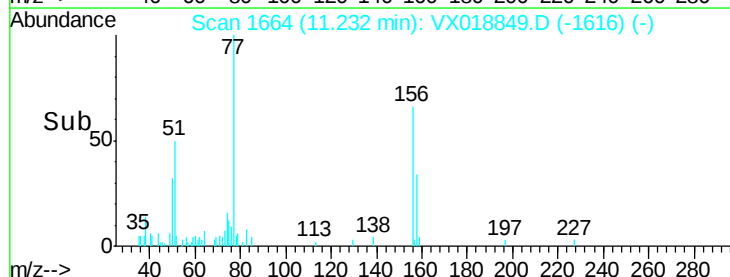
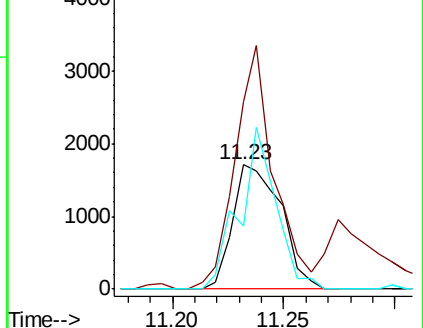
158 98.6 47.2 141.6

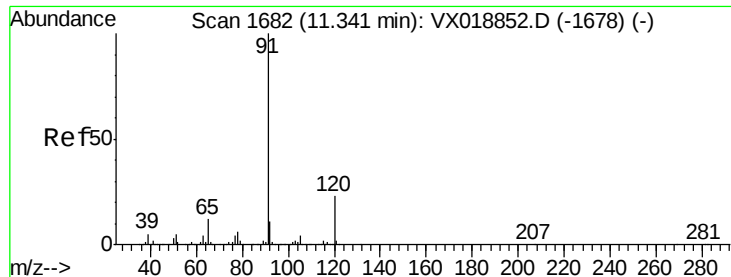


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 0.891 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

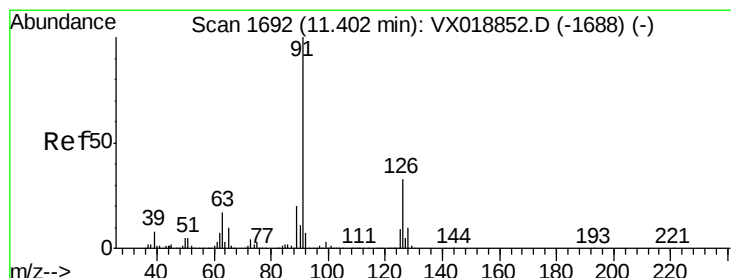
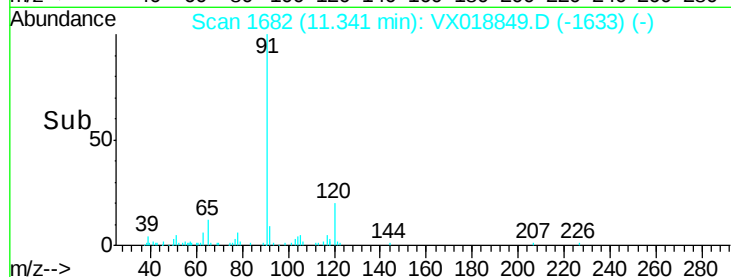
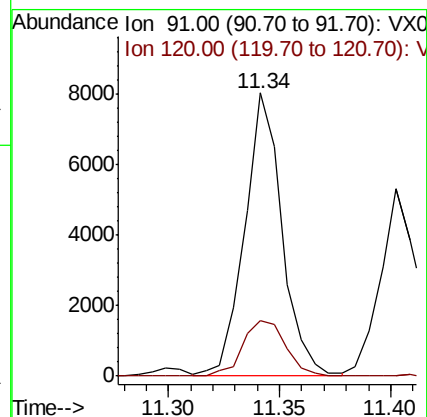
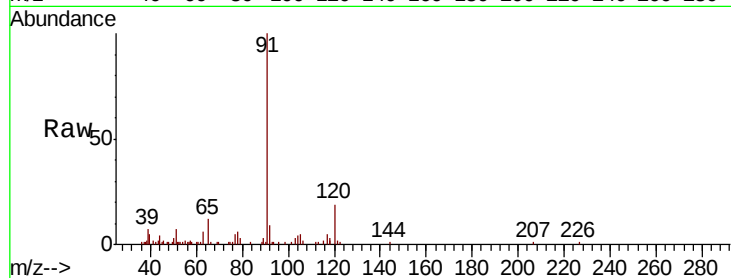
VSTDIC001

Tot Ion: 91 Resp: 9414

Ion Ratio Lower Upper

91 100

120 22.3 12.0 36.0



#79

2-Chlorotoluene

Concen: 0.956 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018849.D

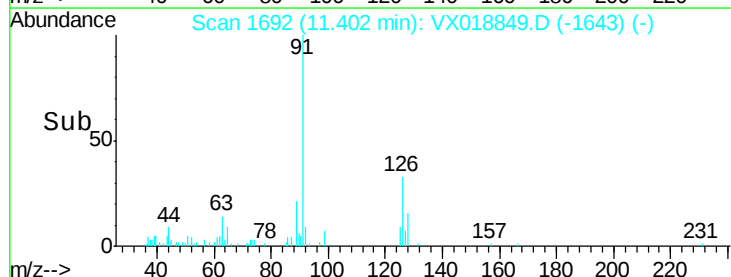
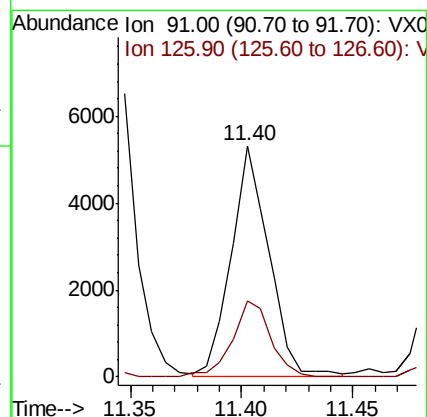
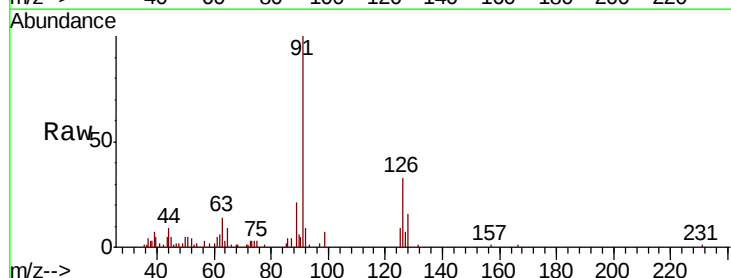
Acq: 09 Oct 2020 11:07 am

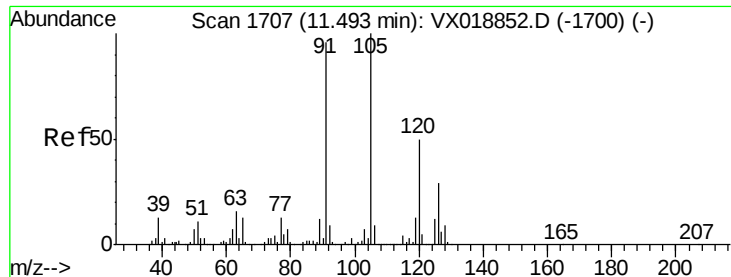
Tgt Ion: 91 Resp: 6299

Ion Ratio Lower Upper

91 100

126 33.5 17.1 51.3





#80

1,3,5-Trimethylbenzene

Concen: 0.797 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

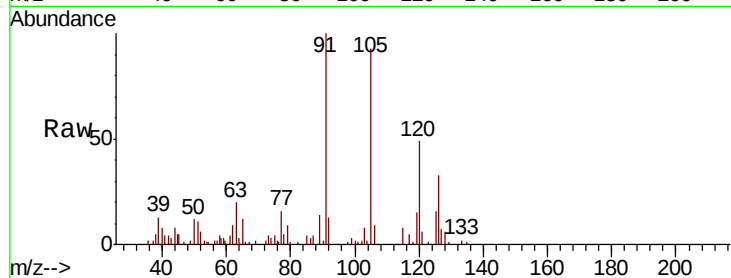
VSTDIC001

Tot Ion:105 Resp: 6326

Ion Ratio Lower Upper

105 100

120 55.7 23.9 71.8

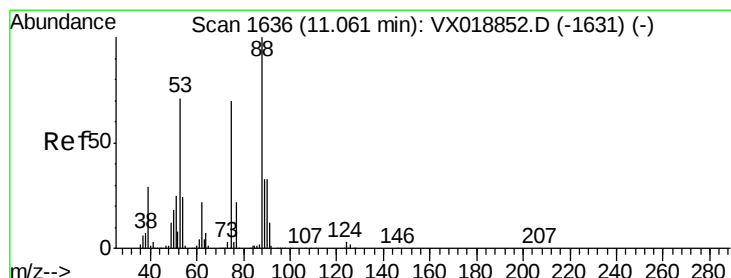
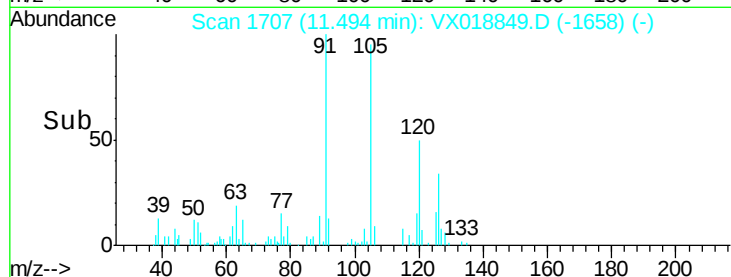


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.49

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 1.106 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

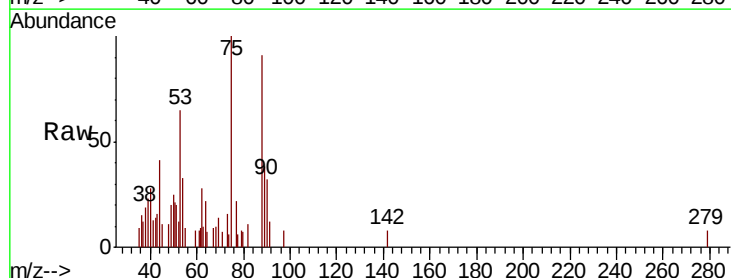
Tgt Ion: 75 Resp: 1192

Ion Ratio Lower Upper

75 100

53 89.7 85.0 127.4

89 53.9 39.0 58.4



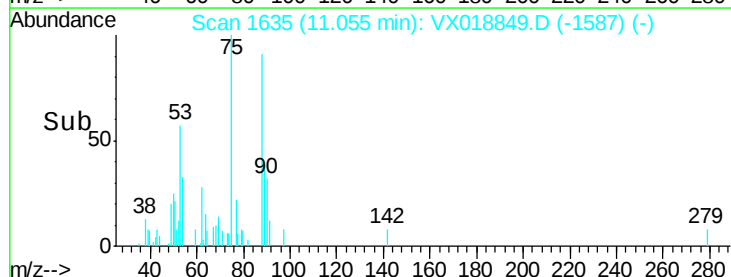
Abundance Ion 74.90 (74.60 to 75.60): VX0

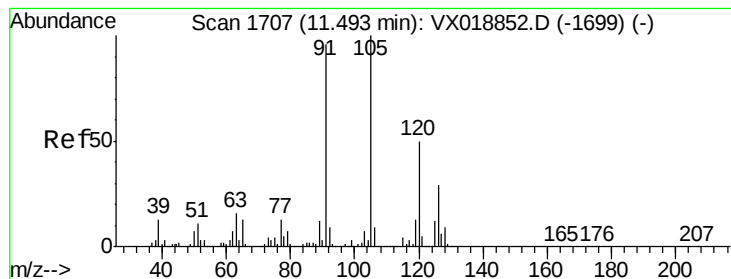
Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

11.05

Time-->





#82

4-Chlorotoluene

Concen: 0.883 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampled :

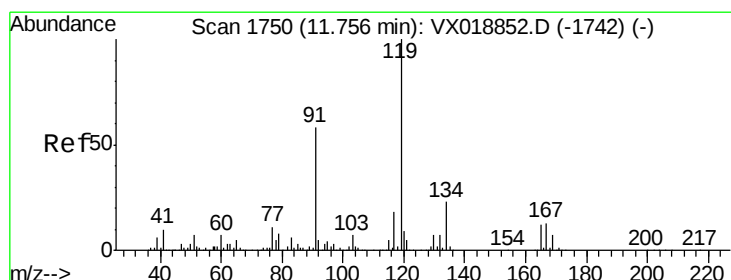
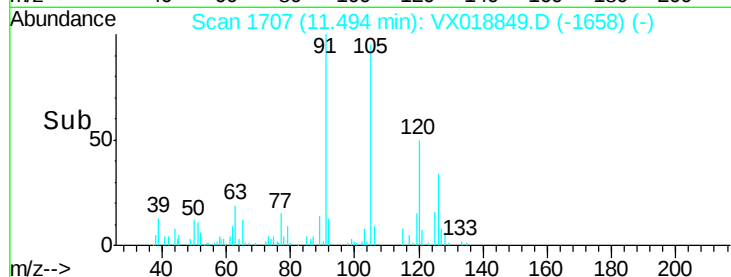
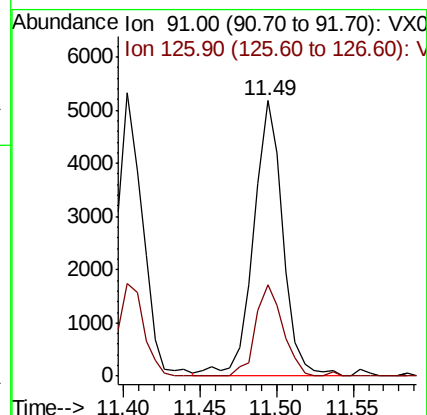
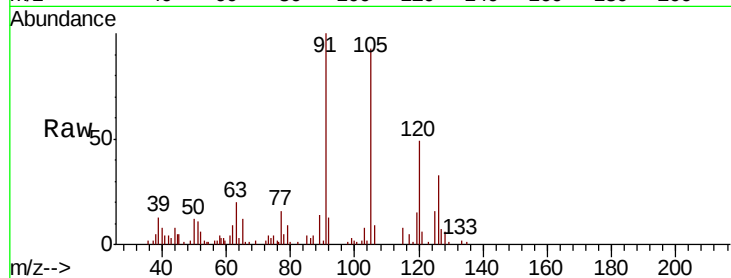
VSTDIC001

Tot Ion: 91 Resp: 6919

Ion Ratio Lower Upper

91 100

126 30.7 14.9 44.7



#83

tert-Butylbenzene

Concen: 0.888 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

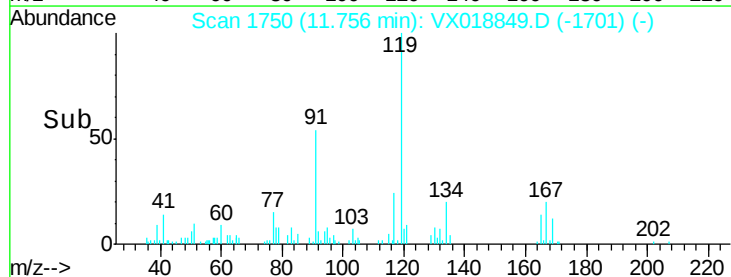
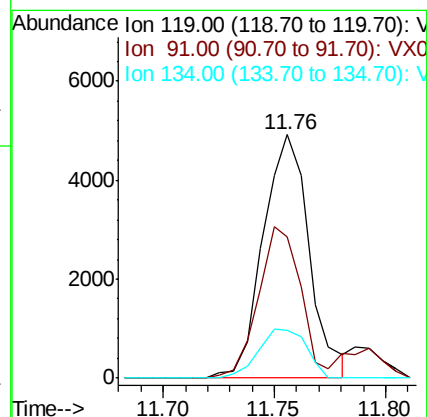
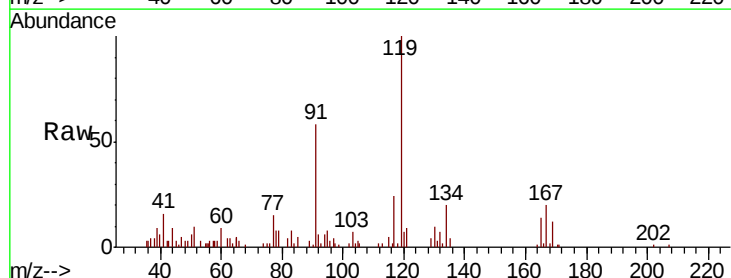
Tgt Ion: 119 Resp: 7058

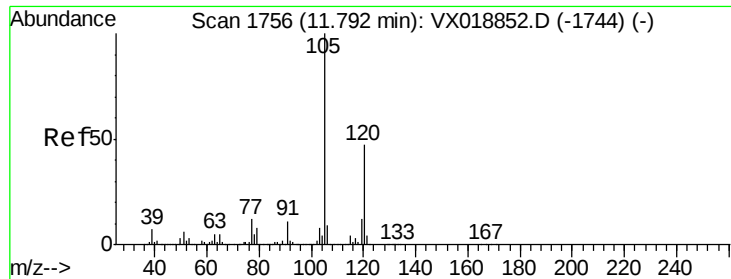
Ion Ratio Lower Upper

119 100

91 57.3 28.6 85.9

134 21.0 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 0.871 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

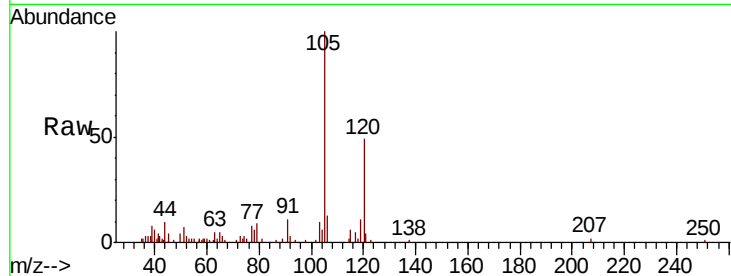
VSTDIC001

Tot Ion:105 Resp: 7028

Ion Ratio Lower Upper

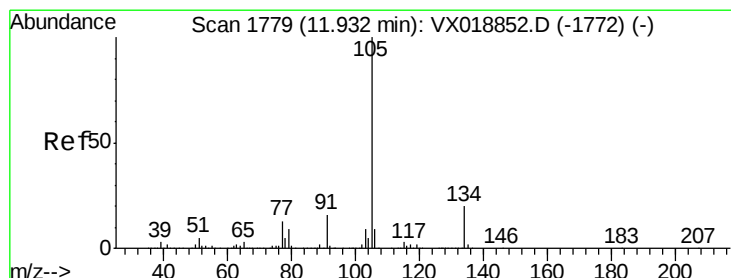
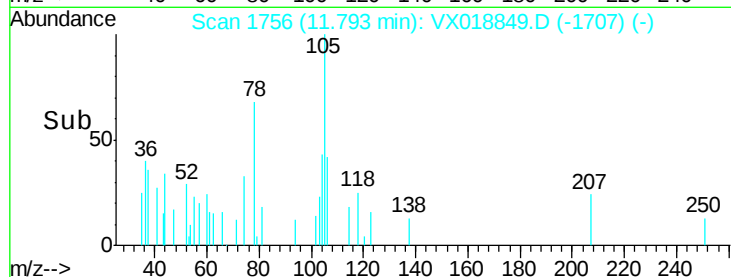
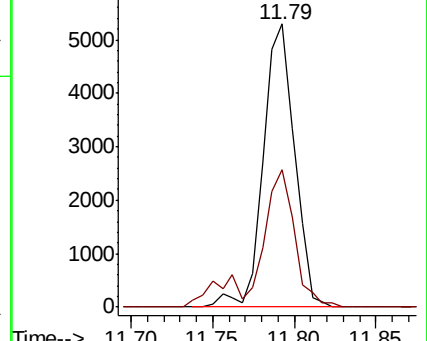
105 100

120 45.5 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.864 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018849.D

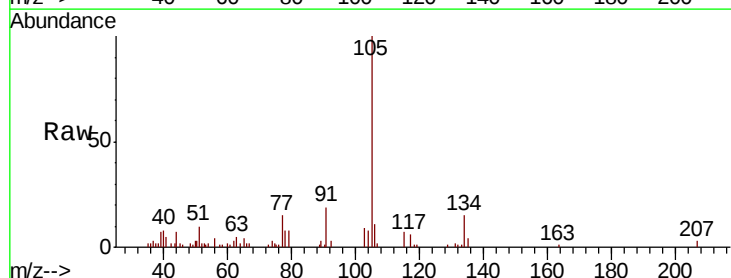
Acq: 09 Oct 2020 11:07 am

Tgt Ion:105 Resp: 7730

Ion Ratio Lower Upper

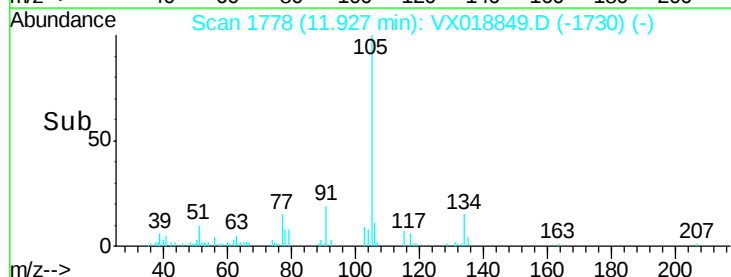
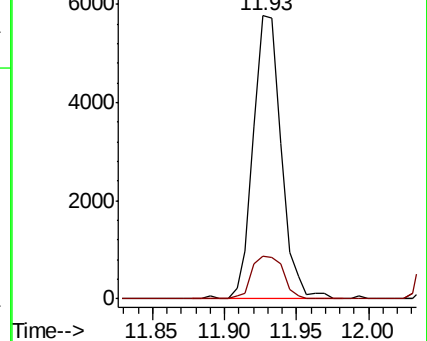
105 100

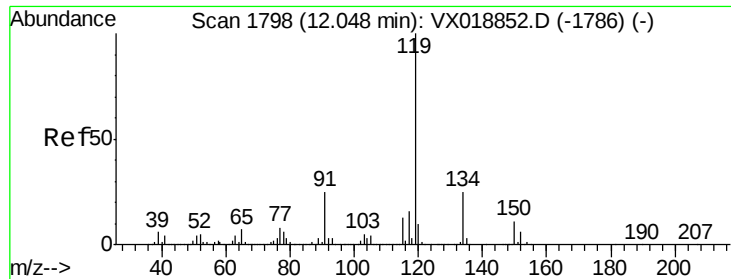
134 16.9 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

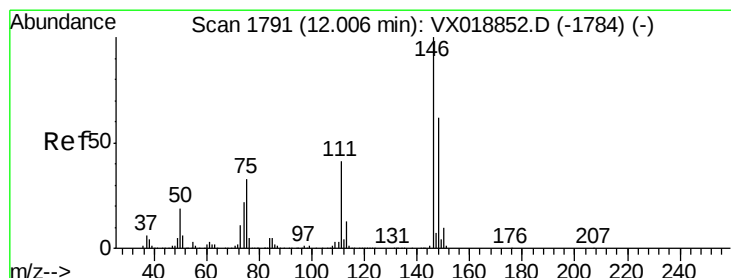
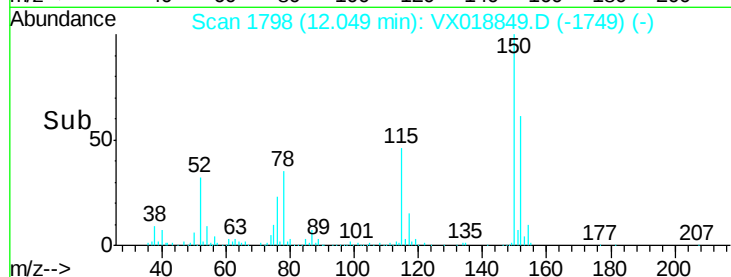
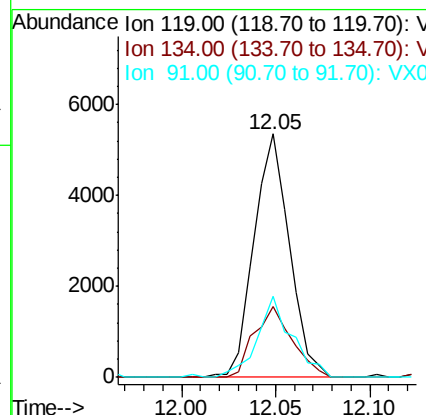
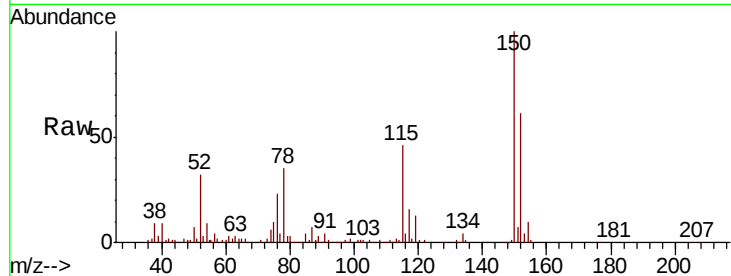




#86
p-Isopropyltoluene
Concen: 0.821 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07 am

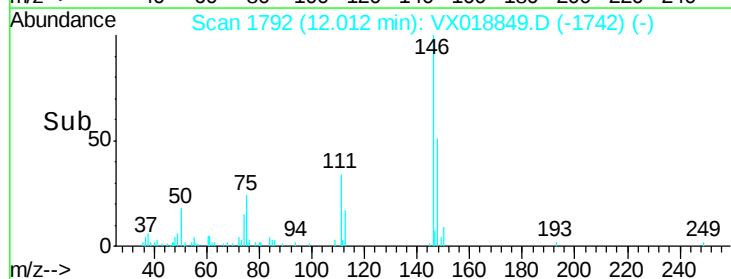
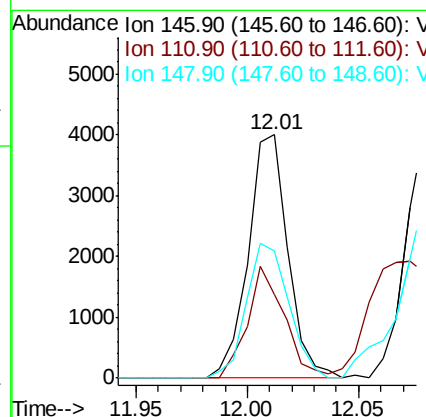
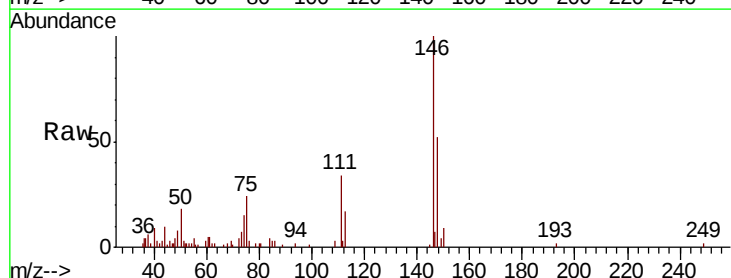
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

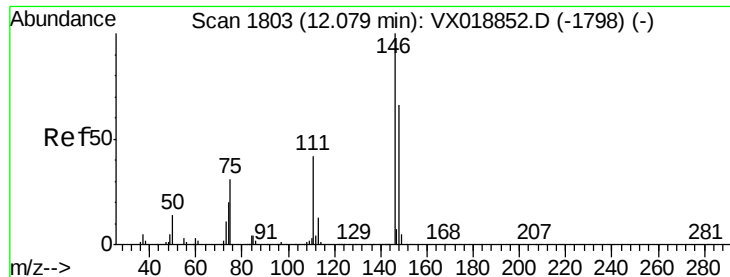
Tot Ion	Ratio	Lower	Upper
119	100		
134	31.3	12.8	38.4
91	32.7	12.3	36.9



#87
1,3-Dichlorobenzene
Concen: 1.066 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07 am

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.0	59.9
148	59.3	31.4	94.3





#88

1,4-Dichlorobenzene

Concen: 1.053 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.07 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

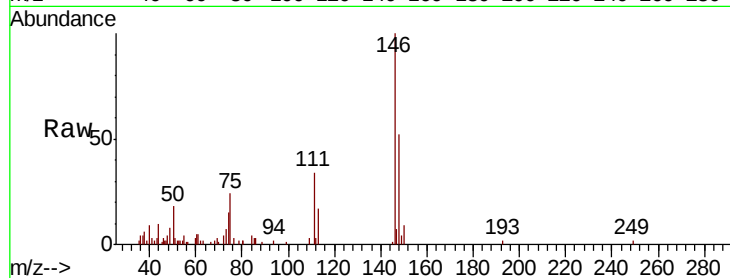
Tot Ion:146 Resp: 4989

Ion Ratio Lower Upper

146 100

111 42.7 20.5 61.5

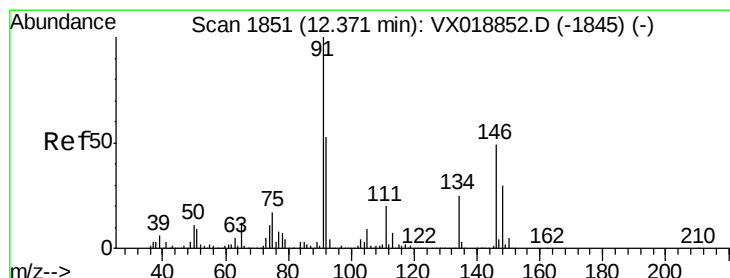
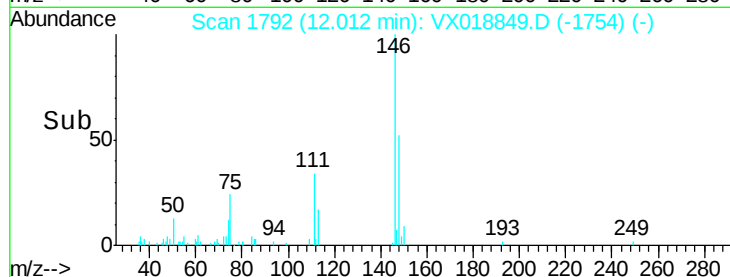
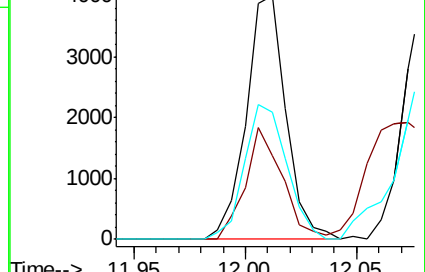
148 59.3 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.909 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

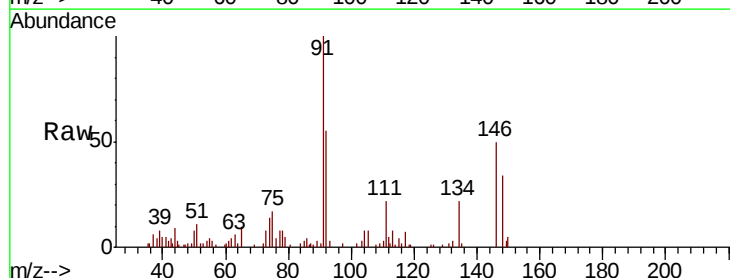
Tgt Ion: 91 Resp: 6710

Ion Ratio Lower Upper

91 100

92 54.0 26.7 80.0

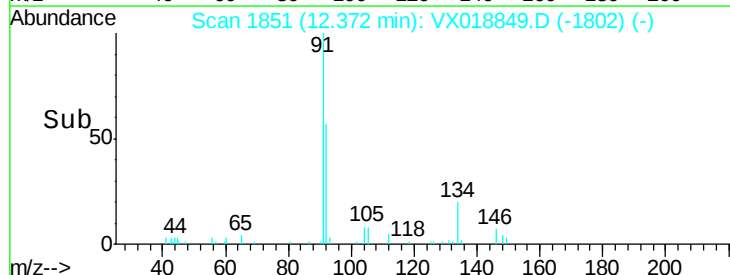
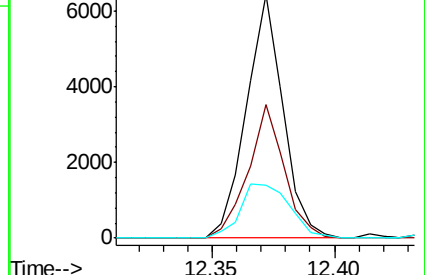
134 29.9 13.5 40.4

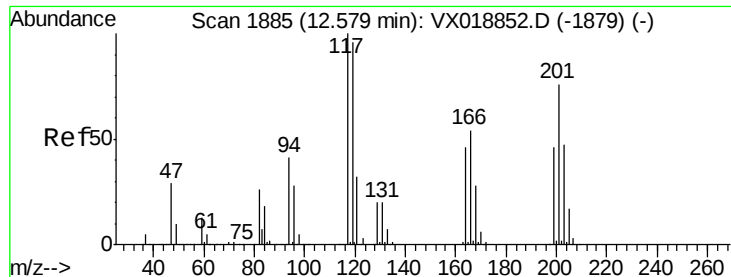


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 1.077 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampled :

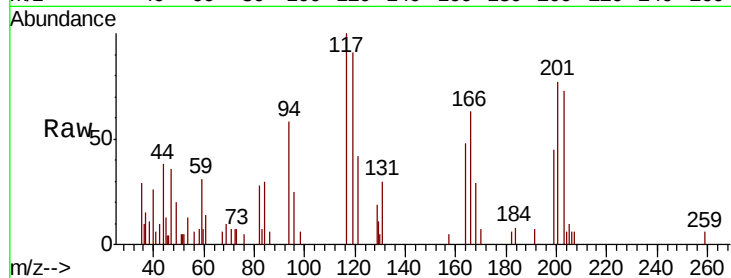
VSTDIC001

Tot Ion:117 Resp: 1700

Ion Ratio Lower Upper

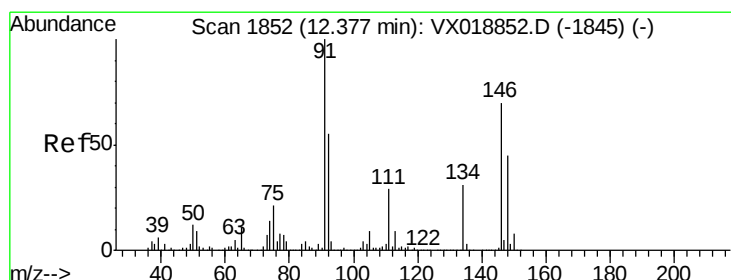
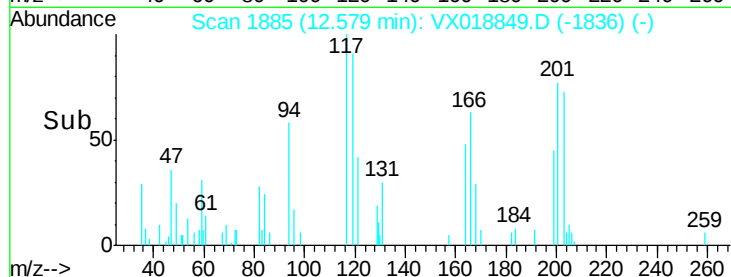
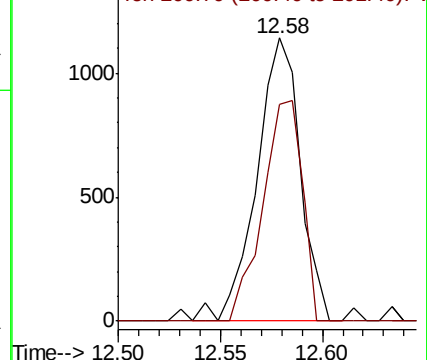
117 100

201 70.8 37.4 112.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 1.056 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

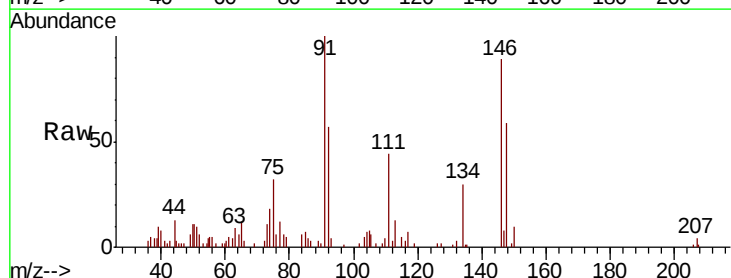
Tgt Ion:146 Resp: 4704

Ion Ratio Lower Upper

146 100

111 46.5 20.6 61.9

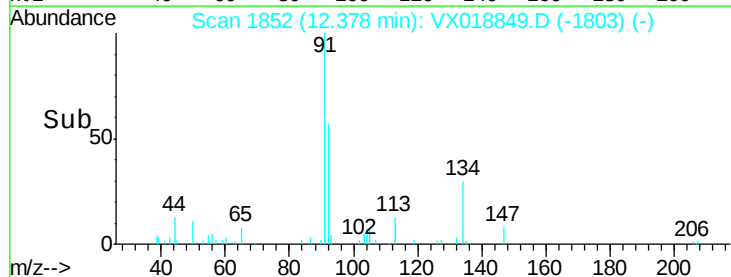
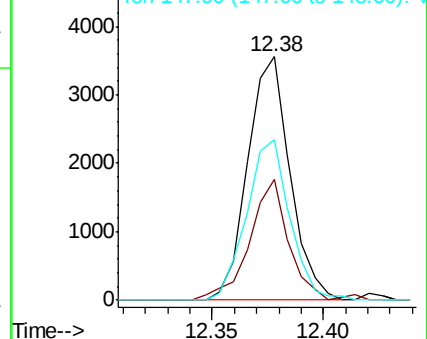
148 67.3 31.1 93.2

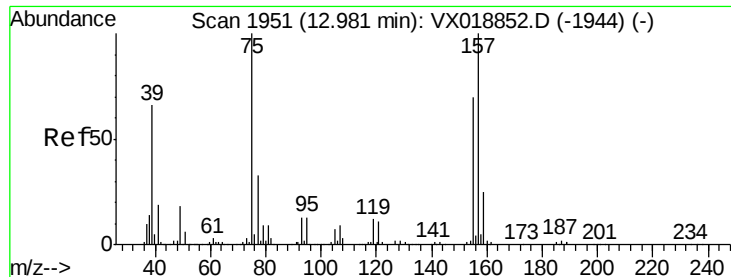


Abundance Ion 145.90 (145.60 to 146.60): V

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: 1.061 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

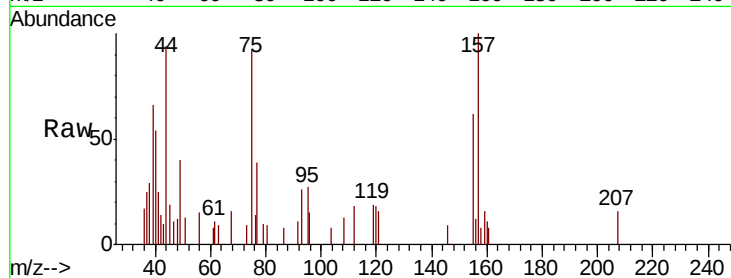
Tot Ion: 75 Resp: 839

Ion Ratio Lower Upper

75 100

155 76.9 38.0 113.9

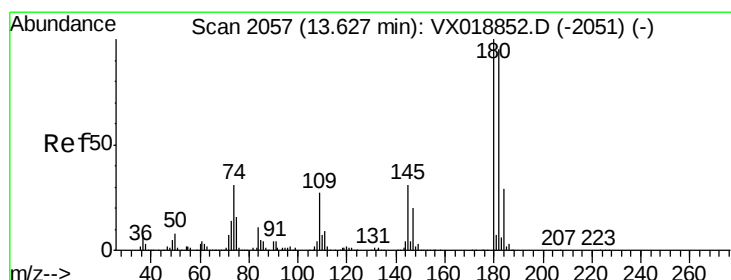
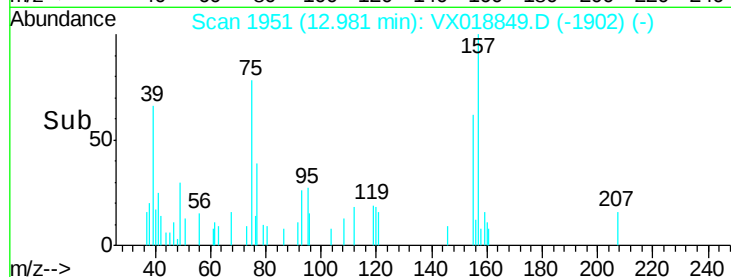
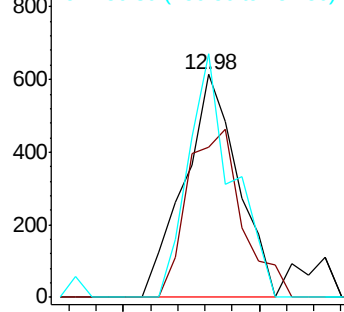
157 90.6 50.9 152.7



Abundance Ion 74.90 (74.60 to 75.60): VX018849.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX018849.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX018849.D (-1902) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.948 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

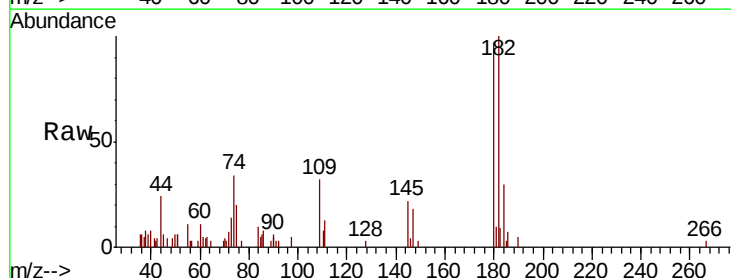
Tgt Ion: 180 Resp: 2709

Ion Ratio Lower Upper

180 100

182 93.4 49.1 147.3

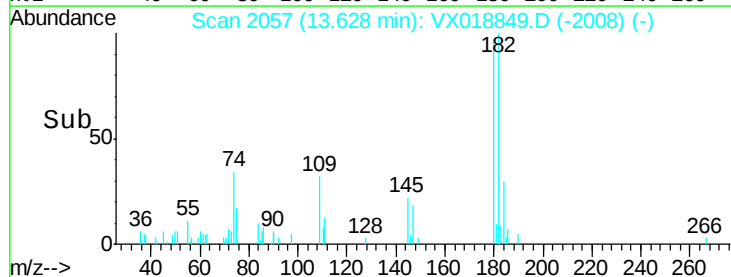
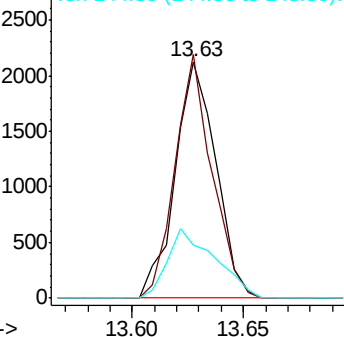
145 34.1 16.0 48.0

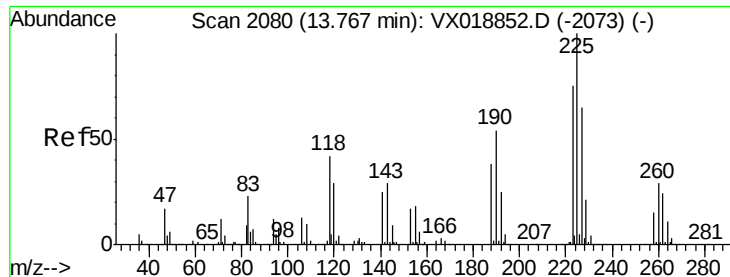


Abundance Ion 179.80 (179.50 to 180.50): VX018849.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX018849.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX018849.D (-2008) (-)





#94

Hexachlorobutadiene

Concen: 1.069 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

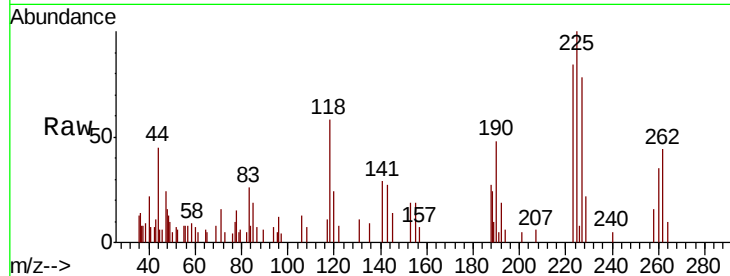
Tot Ion:225 Resp: 1357

Ion Ratio Lower Upper

225 100

223 83.1 32.1 96.3

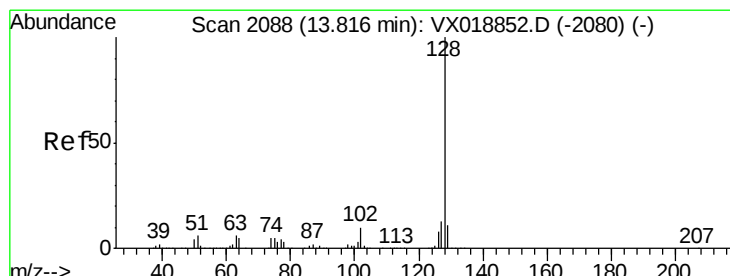
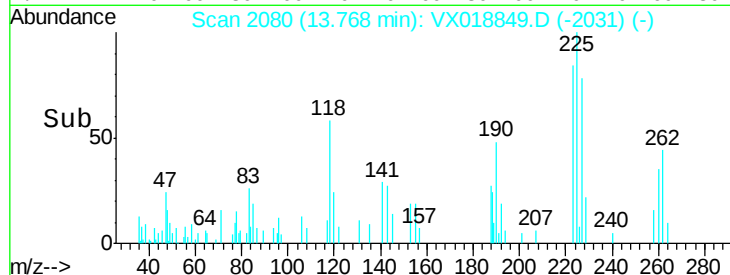
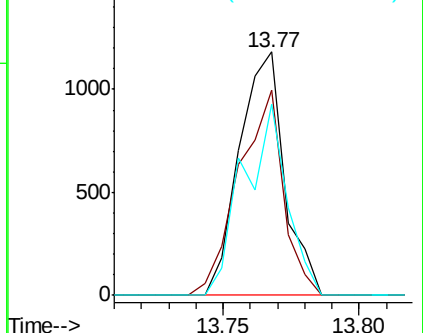
227 76.2 33.0 98.9



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: 3.673 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07 am

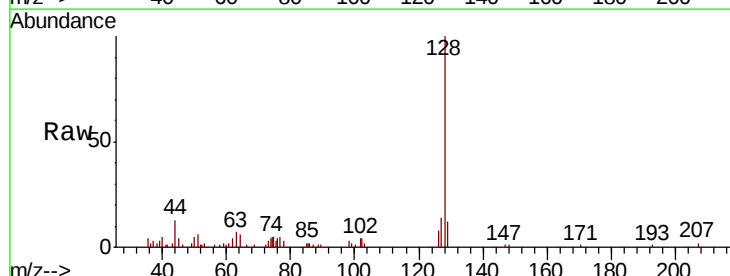
Tgt Ion:128 Resp: 6063

Ion Ratio Lower Upper

128 100

127 16.8 10.1 15.1#

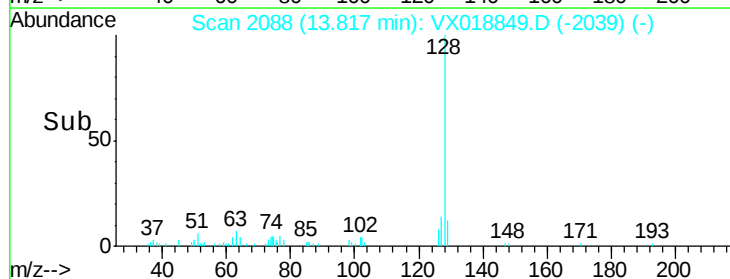
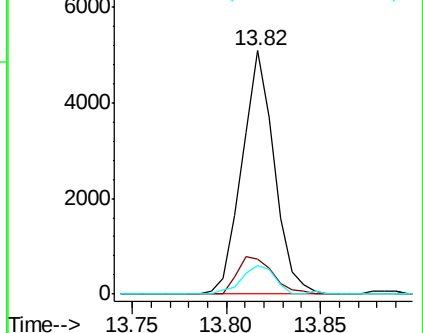
129 11.9 8.6 13.0

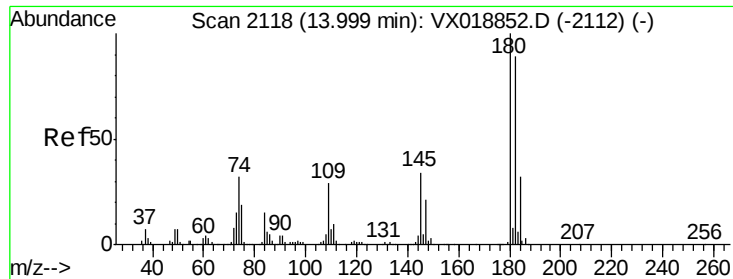


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.961 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07 am

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	180	Resp:	2687
Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.7	143.1
145	32.0	16.7	50.0

