

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
 Data File : VX018876.D
 Acq On : 10 Oct 2020 00:33
 Operator : JC/SP
 Sample : VX1009WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Quant Time: Oct 10 06:25:44 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	5.63	168	195251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	298165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	285090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	158387	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	140324	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
35) Dibromofluoromethane	5.46	113	101062	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
50) Toluene-d8	8.70	98	356200	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	11.12	95	141409	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	44420	20.235	ug/l	99
3) Chloromethane	1.31	50	34274	18.729	ug/l	99
4) Vinyl Chloride	1.39	62	39488	19.303	ug/l	97
5) Bromomethane	1.64	94	24013	21.076	ug/l	93
6) Chloroethane	1.72	64	25006	18.251	ug/l	94
7) Trichlorofluoromethane	1.92	101	75512	18.727	ug/l	95
8) Diethyl Ether	2.17	74	21952	20.163	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36098	18.640	ug/l	95
10) Methyl Iodide	2.49	142	29324	17.253	ug/l	96
11) Tert butyl alcohol	3.01	59	48643	107.248	ug/l	97
12) 1,1-Dichloroethene	2.36	96	33861	19.232	ug/l	94
13) Acrolein	2.28	56	31487	83.439	ug/l	99
14) Allyl chloride	2.70	41	60762	18.585	ug/l	97
15) Acrylonitrile	3.12	53	90200	93.771	ug/l	98
16) Acetone	2.42	43	95850	84.752	ug/l	98
17) Carbon Disulfide	2.55	76	97834	18.503	ug/l	98
18) Methyl Acetate	2.75	43	46707	19.511	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	114798	18.988	ug/l	99
20) Methylene Chloride	2.83	84	41211	20.365	ug/l	90
21) trans-1,2-Dichloroethene	3.14	96	39882	19.069	ug/l	92
22) Diisopropyl ether	3.82	45	111326	19.026	ug/l	99
23) Vinyl Acetate	3.79	43	539000	95.782	ug/l	100
24) 1,1-Dichloroethane	3.67	63	71345	18.135	ug/l	97
25) 2-Butanone	4.64	43	143303	91.874	ug/l	100
26) 2,2-Dichloropropane	4.55	77	56978	15.011	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	43581	18.764	ug/l	97
28) Bromochloromethane	4.98	49	32389	19.596	ug/l	96
29) Tetrahydrofuran	5.09	42	82018	98.007	ug/l	97
30) Chloroform	5.18	83	78556	18.124	ug/l	100
31) Cyclohexane	5.55	56	49973	18.579	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	73992	17.964	ug/l	100
36) 1,1-Dichloropropene	5.78	75	53764	17.150	ug/l	97
37) Ethyl Acetate	4.79	43	57164	18.883	ug/l	99
38) Carbon Tetrachloride	5.75	117	70440	18.129	ug/l	99

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 Sample : VX1009WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX1009WBSD02

Quant Time: Oct 10 06:25:44 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	7.44	83	49128	17.000	ug/l	93
40) Benzene	6.11	78	150718	17.895	ug/l	98
41) Methacrylonitrile	5.00	41	31336	17.843	ug/l	100
42) 1,2-Dichloroethane	6.16	62	69421	17.581	ug/l	99
43) Isopropyl Acetate	6.42	43	91307	18.148	ug/l	99
44) Trichloroethene	7.18	130	43998	17.419	ug/l	97
45) 1,2-Dichloropropane	7.49	63	39362	17.663	ug/l	100
46) Dibromomethane	7.63	93	29252	17.762	ug/l	99
47) Bromodichloromethane	7.88	83	62739	17.580	ug/l	94
48) Methyl methacrylate	7.75	41	46280	18.129	ug/l	98
49) 1,4-Dioxane	7.71	88	12118	338.532	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	284346	96.832	ug/l	100
52) Toluene	8.77	92	99491	18.407	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	65890	17.831	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	65869	17.328	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	41963	18.075	ug/l	93
56) Ethyl methacrylate	9.16	69	57541	18.916	ug/l	98
57) 1,3-Dichloropropane	9.35	76	68342	18.142	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	156881	93.397	ug/l	99
59) 2-Hexanone	9.47	43	215896	96.500	ug/l	98
60) Dibromochloromethane	9.56	129	51663	17.727	ug/l	97
61) 1,2-Dibromoethane	9.65	107	46419	18.645	ug/l	98
64) Tetrachloroethene	9.32	164	39733	18.337	ug/l	98
65) Chlorobenzene	10.12	112	110398	17.919	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	45473	17.891	ug/l	98
67) Ethyl Benzene	10.23	91	190142	18.295	ug/l	99
68) m/p-Xylenes	10.34	106	144867	36.687	ug/l	98
69) o-Xylene	10.68	106	66745	17.941	ug/l	99
70) Styrene	10.70	104	115559	18.348	ug/l	98
71) Bromoform	10.84	173	38593	17.555	ug/l #	98
73) Isopropylbenzene	11.00	105	189945	18.333	ug/l	100
74) N-amyl acetate	10.88	43	76437	18.647	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	63435	18.369	ug/l	95
76) 1,2,3-Trichloropropane	11.28	75	75337	22.075	ug/l	85
77) Bromobenzene	11.24	156	51014	17.924	ug/l	96
78) n-propylbenzene	11.34	91	212836	18.028	ug/l	99
79) 2-Chlorotoluene	11.40	91	131487	17.867	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	164693	18.583	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	19953	16.569	ug/l	98
82) 4-Chlorotoluene	11.49	91	159836	18.266	ug/l	99
83) tert-Butylbenzene	11.76	119	158239	17.829	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	167545	18.597	ug/l	99
85) sec-Butylbenzene	11.93	105	178868	17.889	ug/l	98
86) p-Isopropyltoluene	12.05	119	169351	17.853	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	94051	17.993	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	94926	17.929	ug/l	99
89) n-Butylbenzene	12.37	91	139703	16.951	ug/l	99
90) Hexachloroethane	12.58	117	29189	16.552	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	88011	17.689	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15514	17.566	ug/l	96

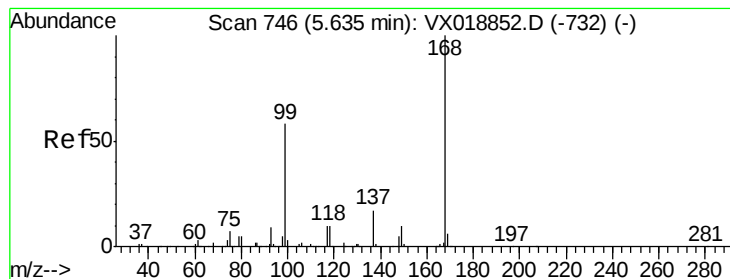
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
Data File : VX018876.D
Acq On : 10 Oct 2020 00:33
Operator : JC/SP
Sample : VX1009WBSD02
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Instrument :
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Quant Time: Oct 10 06:25:44 2020
Quant Method : 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)
93) 1,2,4-Trichlorobenzene	13.63	180	58017	18.176	ug/l	94
94) Hexachlorobutadiene	13.77	225	24557	17.321	ug/l	98
95) Naphthalene	13.82	128	172382	18.257	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	55330	17.717	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

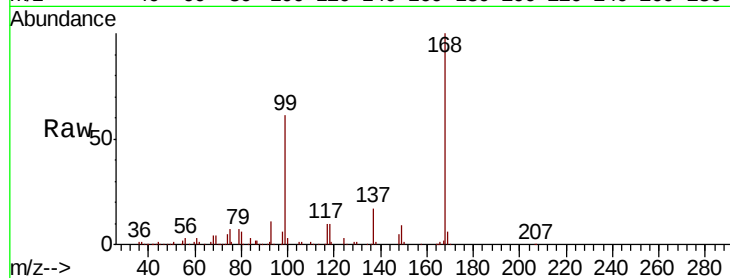
VX1009WBSD02

Tot Ion:168 Resp: 195251

Ion Ratio Lower Upper

168 100

99 60.9 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

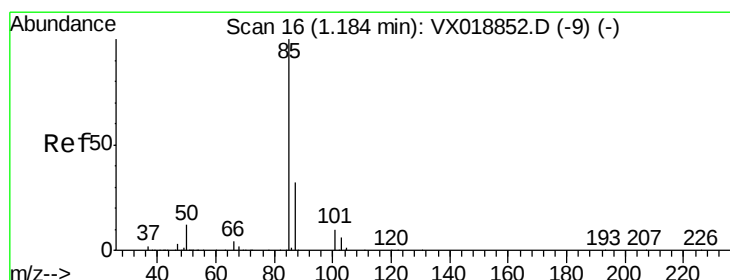
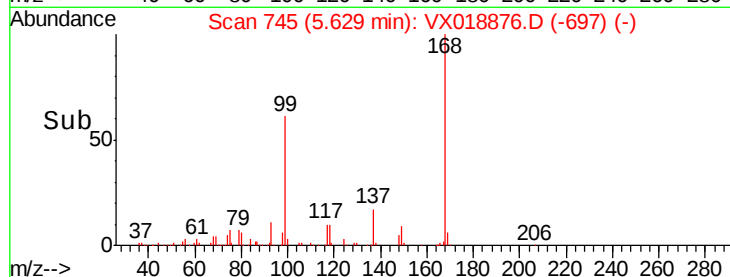
40000

20000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 20.235 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018876.D

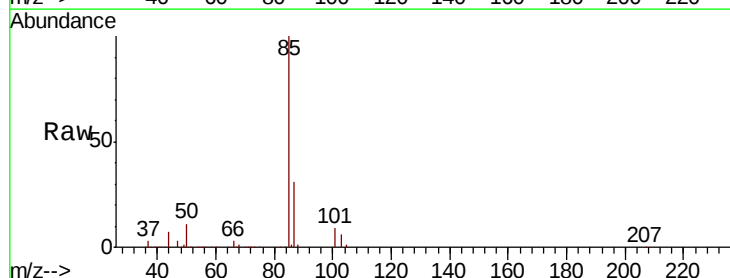
Acq: 10 Oct 2020 00:33

Tgt Ion: 85 Resp: 44420

Ion Ratio Lower Upper

85 100

87 31.2 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

60000

50000

40000

30000

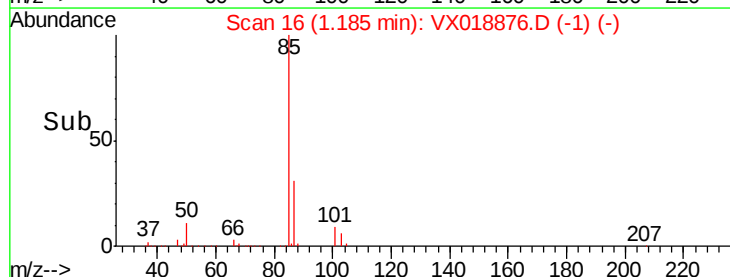
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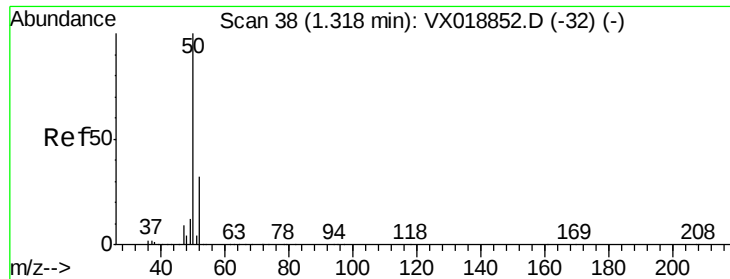
10000

0

Time-->

1.10 1.15 1.20 1.25





#3

Chloromethane

Concen: 18.729 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

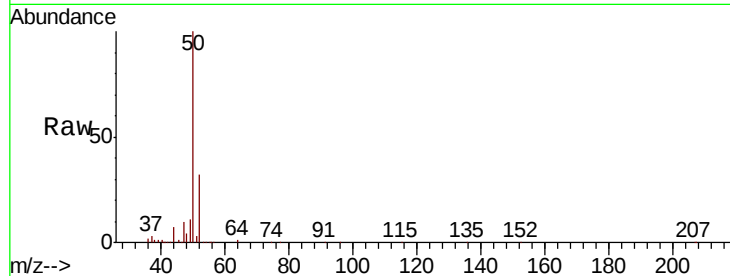
VX1009WBSD02

Tot Ion: 50 Resp: 34274

Ion Ratio Lower Upper

50 100

52 32.2 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

40000

30000

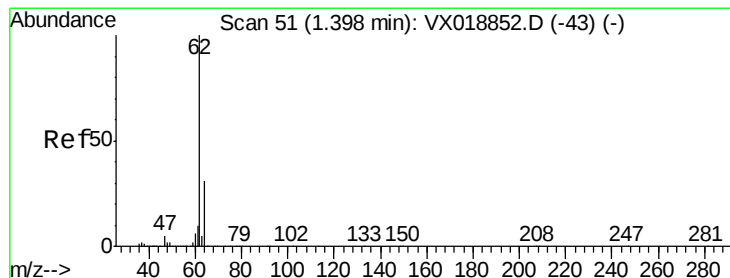
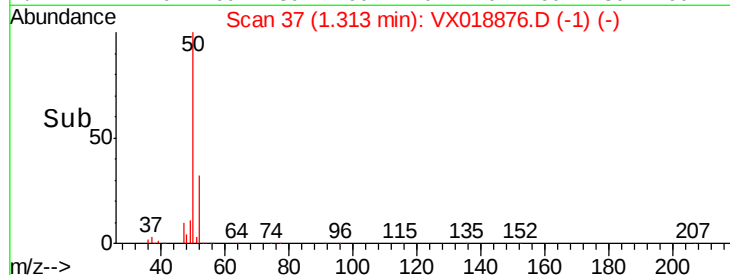
20000

10000

0

Time-->

1.25 1.30 1.35



#4

Vinyl Chloride

Concen: 19.303 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018876.D

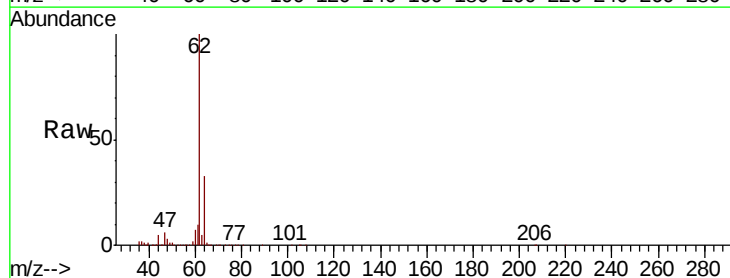
Acq: 10 Oct 2020 00:33

Tgt Ion: 62 Resp: 39488

Ion Ratio Lower Upper

62 100

64 32.7 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

40000

30000

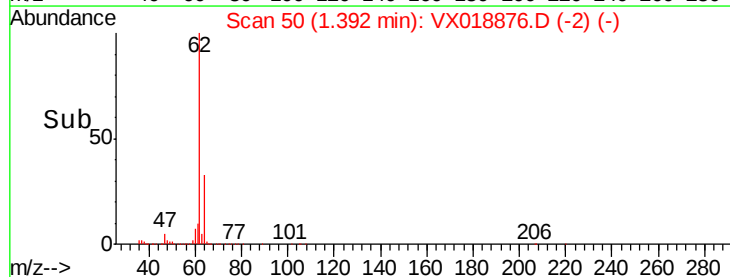
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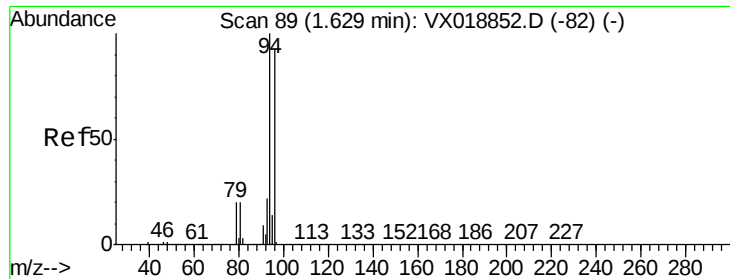
10000

0

Time-->

1.30 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 21.076 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

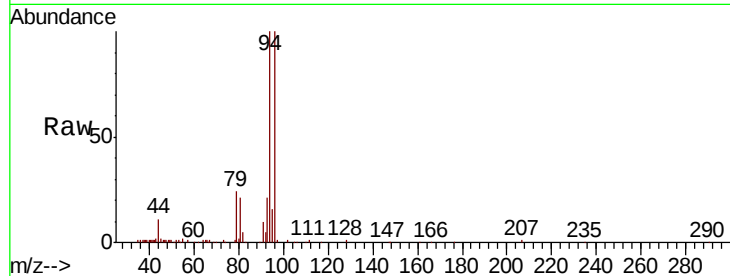
VX1009WBSD02

Tot Ion: 94 Resp: 24013

Ion Ratio Lower Upper

94 100

96 99.5 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

20000

15000

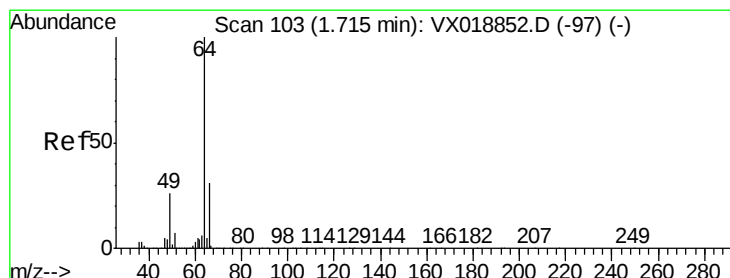
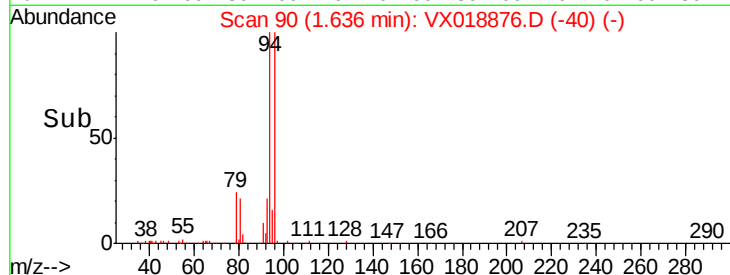
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 18.251 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018876.D

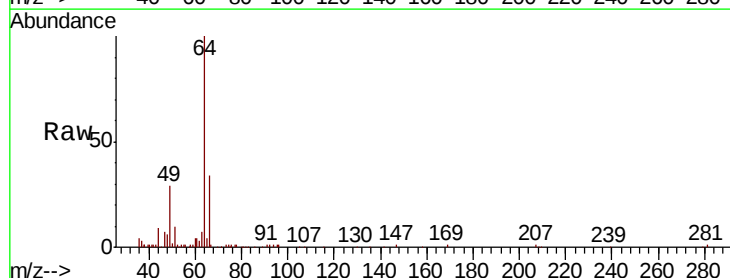
Acq: 10 Oct 2020 00:33

Tgt Ion: 64 Resp: 25006

Ion Ratio Lower Upper

64 100

66 34.0 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

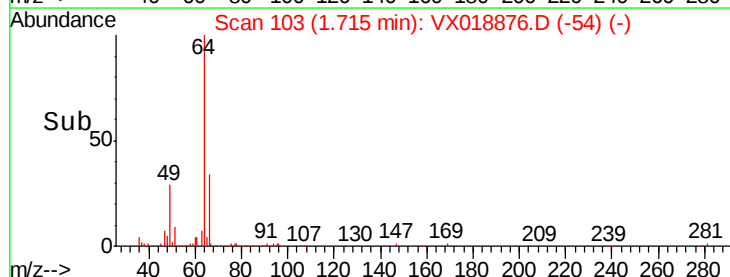
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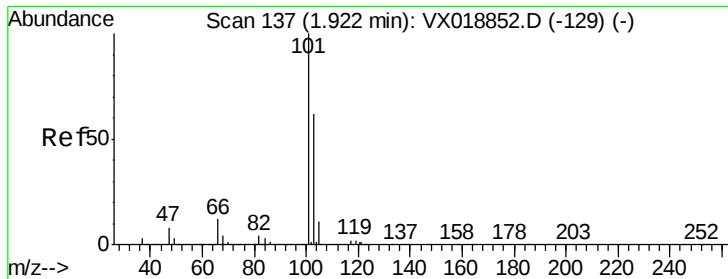
5000

0

Time-->

1.65 1.70 1.75 1.80



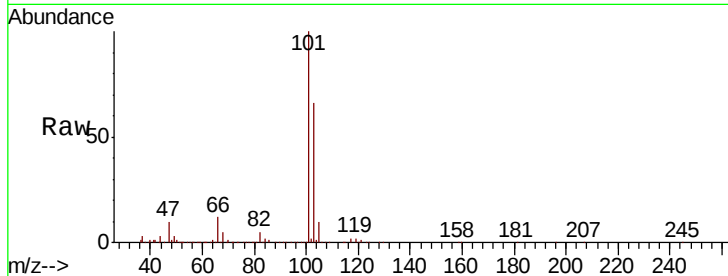


#7

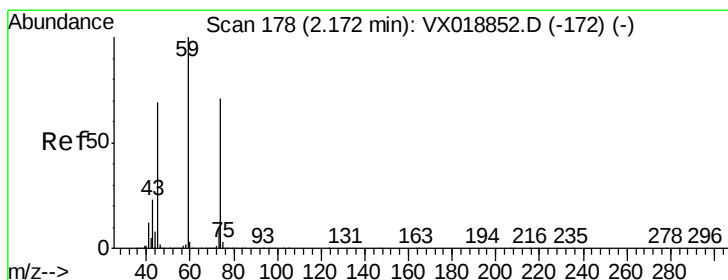
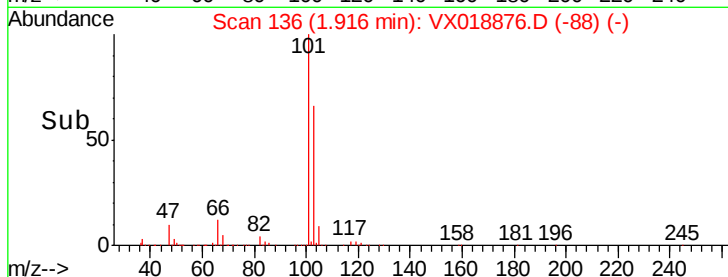
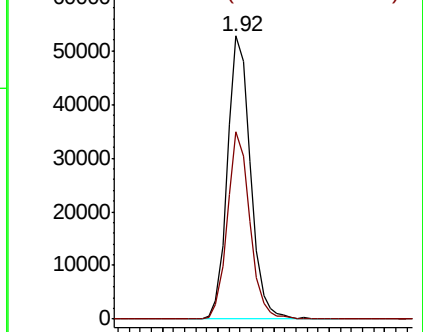
Trichlorofluoromethane
Concen: 18.727 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion:101 Resp: 75512
Ion Ratio Lower Upper
101 100
103 66.0 50.0 75.0



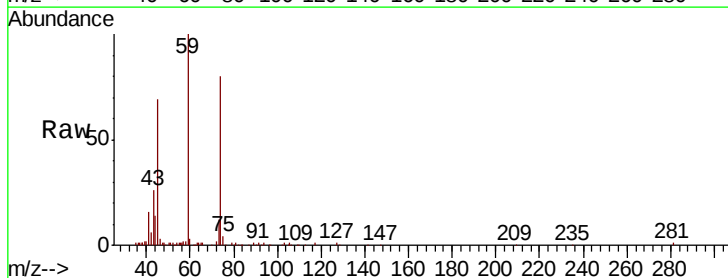
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



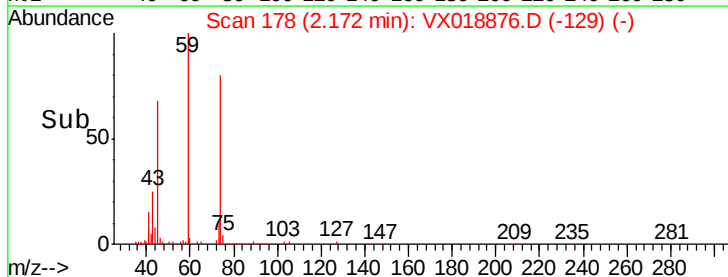
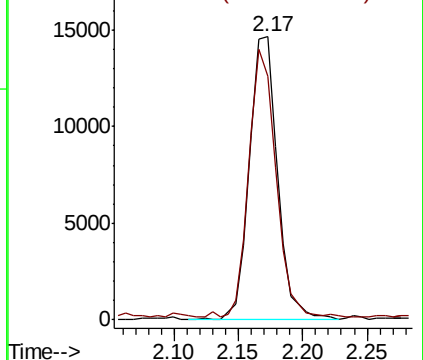
#8

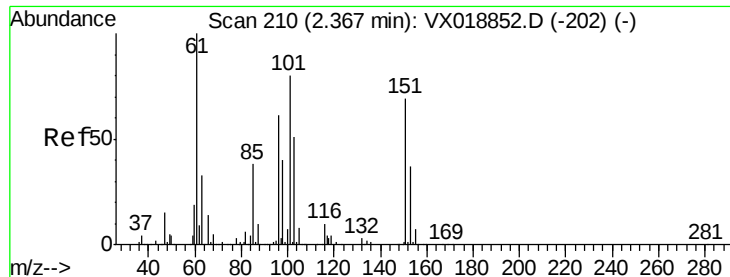
Diethyl Ether
Concen: 20.163 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion: 74 Resp: 21952
Ion Ratio Lower Upper
74 100
45 91.3 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: 18.640 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

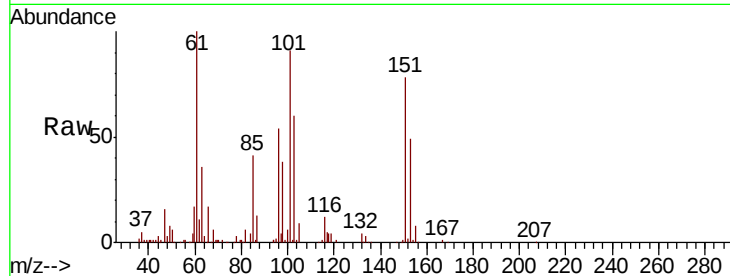
Tot Ion:101 Resp: 36098

Ion Ratio Lower Upper

101 100

85 43.2 36.6 55.0

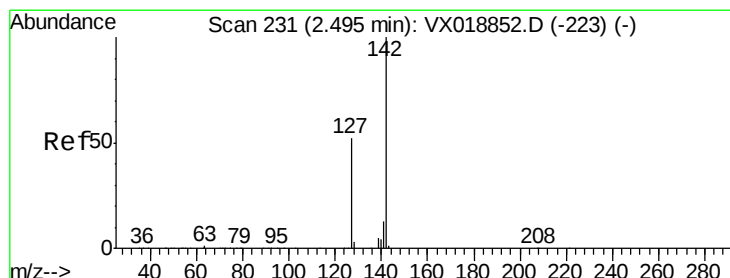
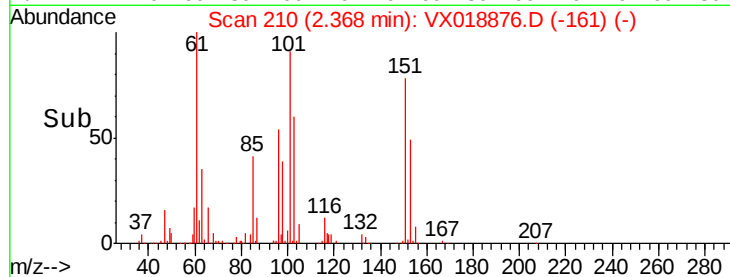
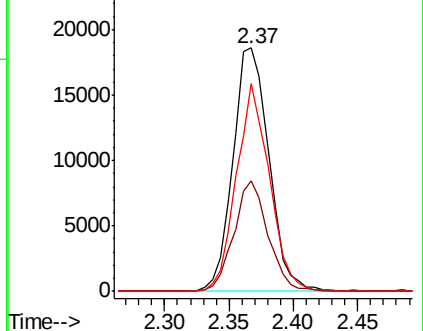
151 78.4 67.2 100.8



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: 17.253 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

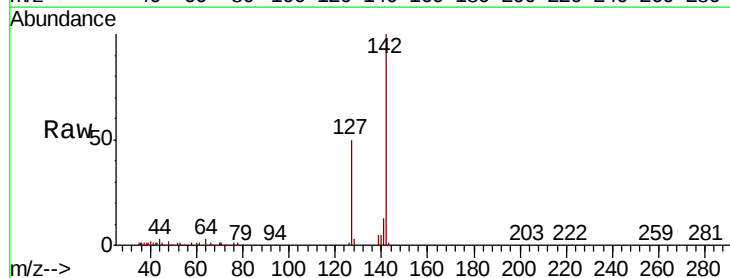
Tgt Ion:142 Resp: 29324

Ion Ratio Lower Upper

142 100

127 48.9 42.0 63.0

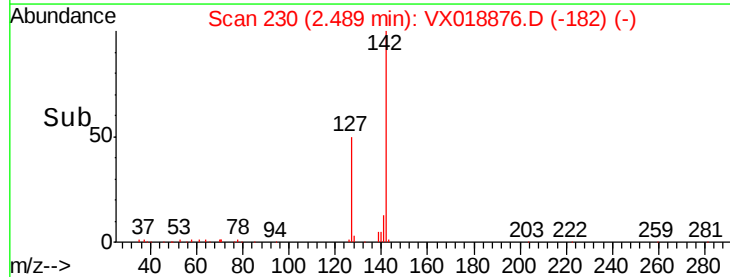
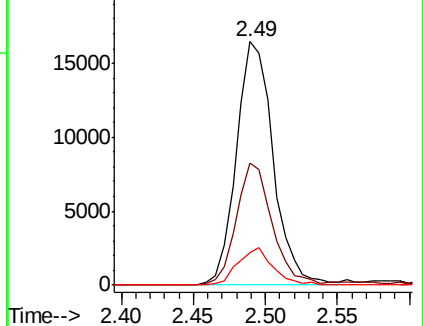
141 14.6 11.8 17.6

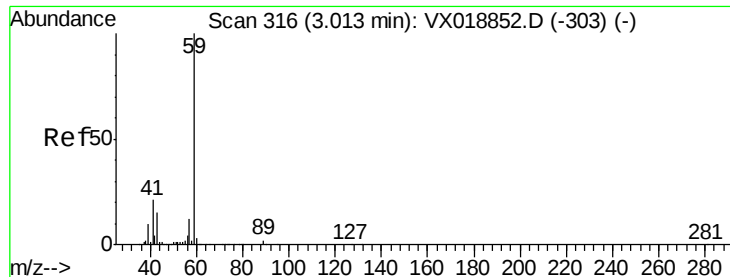


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



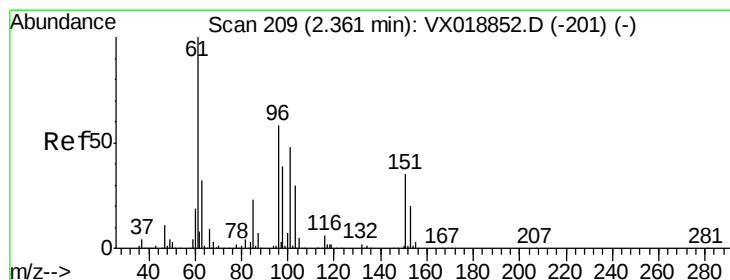
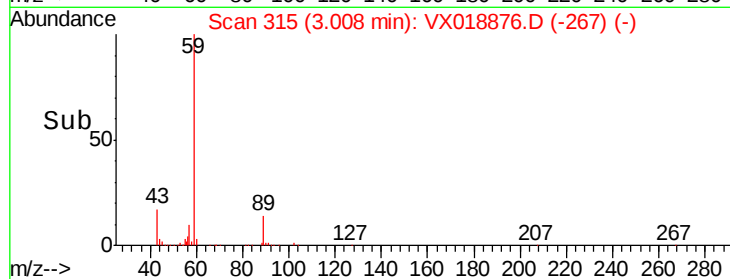
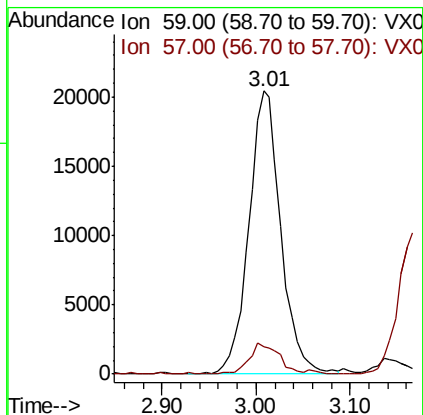
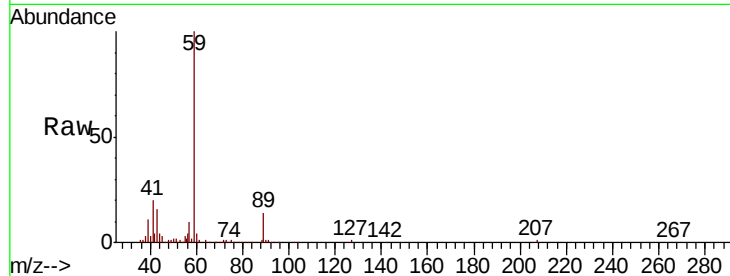


#11

Tert butyl alcohol
 Concen: 107.248 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

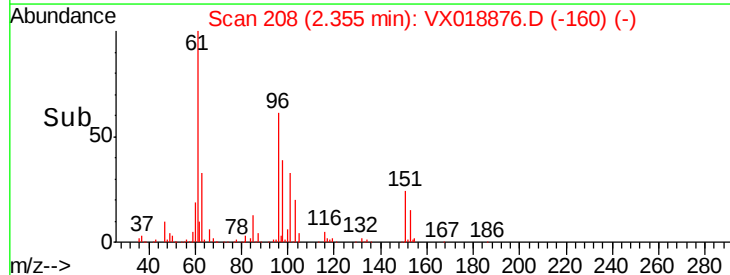
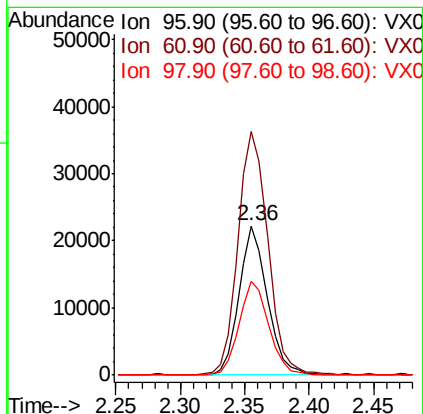
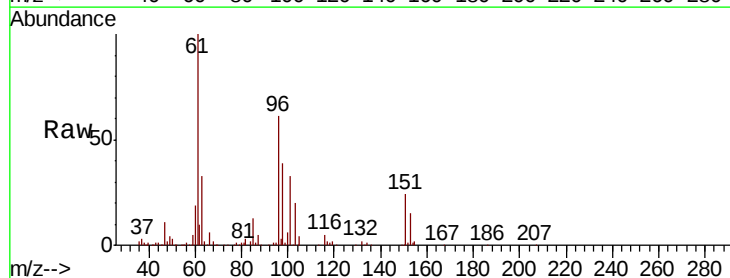
Tot Ion: 59 Resp: 48643
 Ion Ratio Lower Upper
 59 100
 57 10.2 9.0 13.6

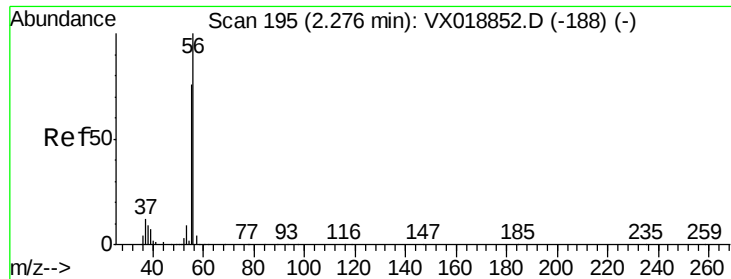


#12

1,1-Dichloroethene
 Concen: 19.232 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Tgt Ion: 96 Resp: 33861
 Ion Ratio Lower Upper
 96 100
 61 162.4 137.0 205.6
 98 63.0 53.9 80.9





#13

Acrolein

Concen: 83.439 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

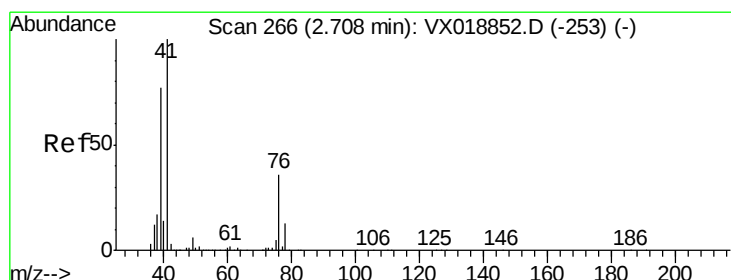
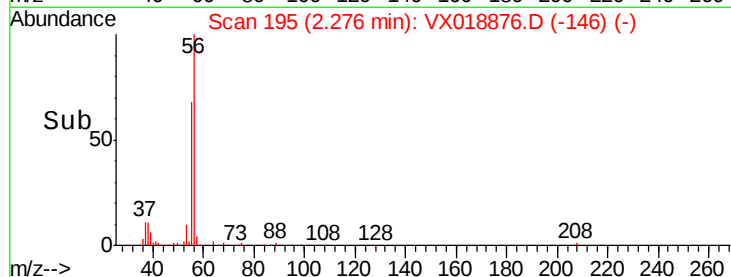
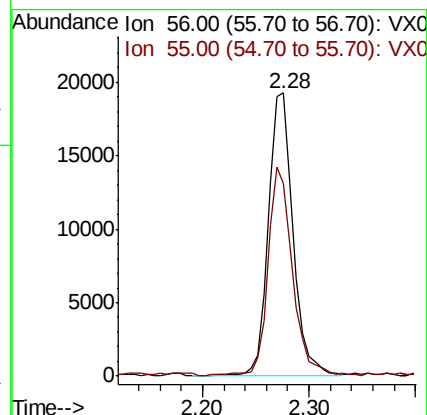
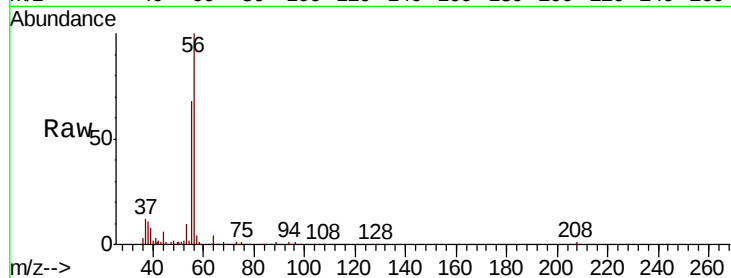
VX1009WBSD02

Tot Ion: 56 Resp: 31487

Ion Ratio Lower Upper

56 100

55 73.7 58.6 87.8



#14

Allyl chloride

Concen: 18.585 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

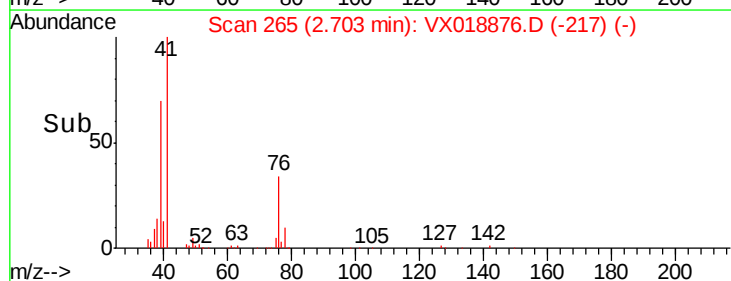
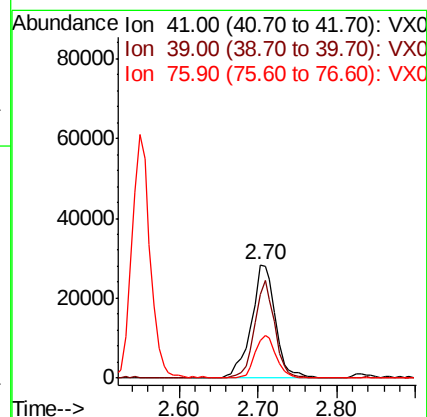
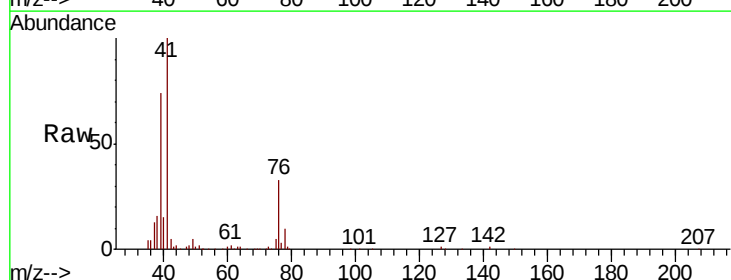
Tgt Ion: 41 Resp: 60762

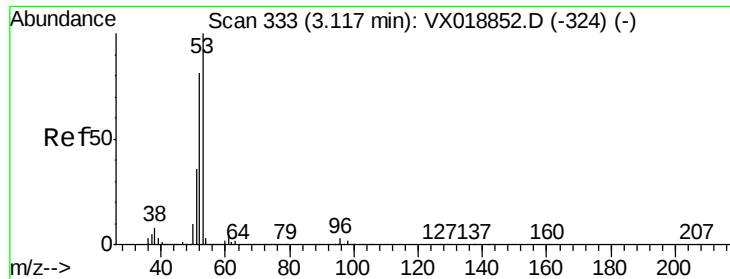
Ion Ratio Lower Upper

41 100

39 69.4 57.8 86.8

76 32.8 26.8 40.2





#15

Acrylonitrile

Concen: 93.771 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

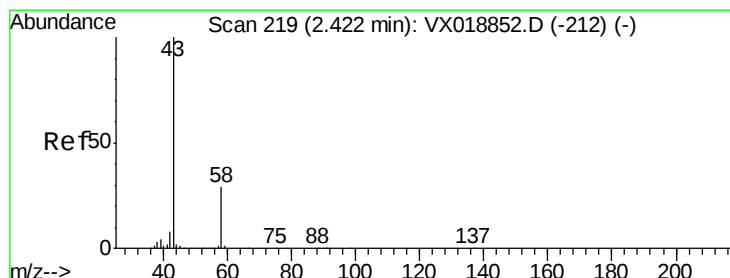
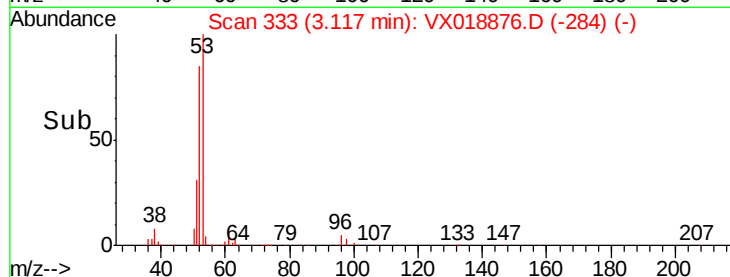
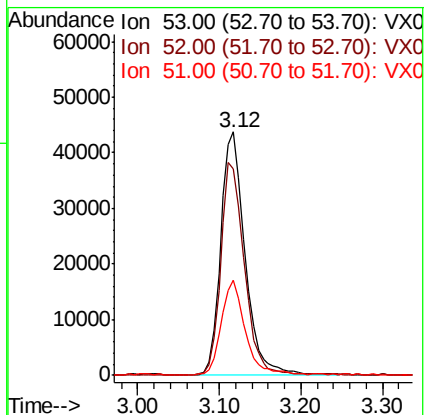
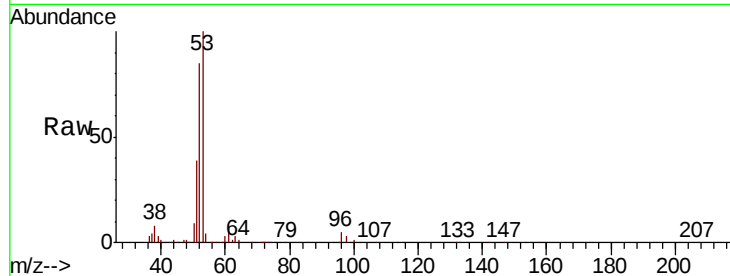
Tot Ion: 53 Resp: 90200

Ion Ratio Lower Upper

53 100

52 85.0 66.7 100.1

51 39.0 30.3 45.5



#16

Acetone

Concen: 84.752 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX018876.D

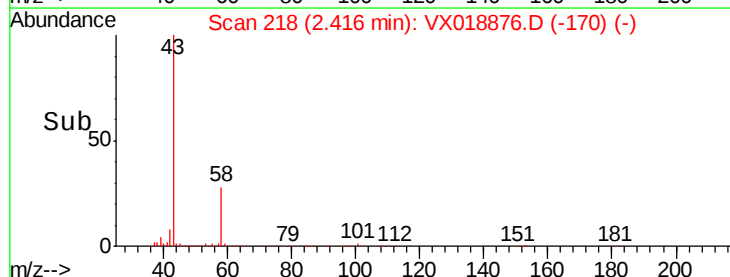
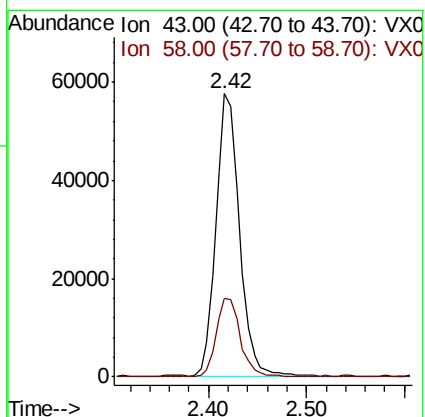
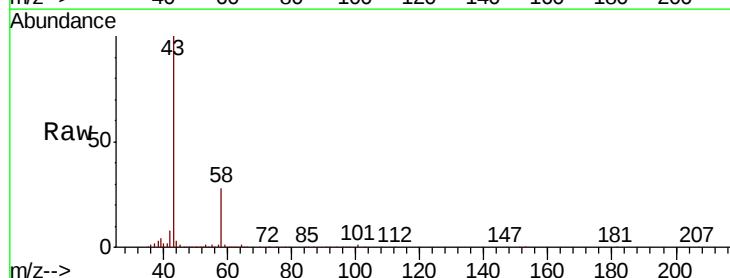
Acq: 10 Oct 2020 00:33

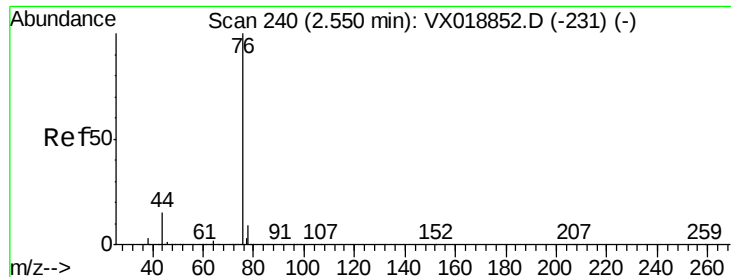
Tgt Ion: 43 Resp: 95850

Ion Ratio Lower Upper

43 100

58 27.7 23.0 34.4





#17

Carbon Disulfide

Concen: 18.503 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

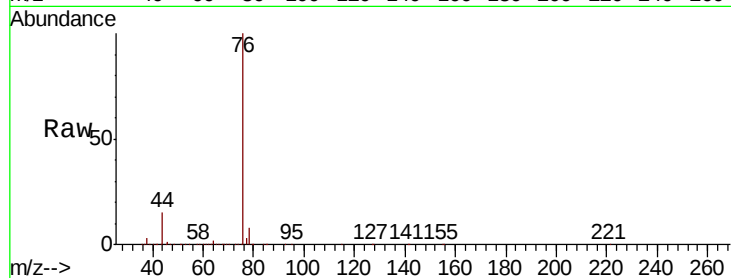
VX1009WBSD02

Tot Ion: 76 Resp: 97834

Ion Ratio Lower Upper

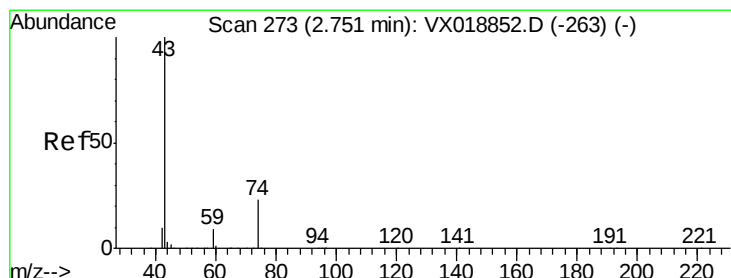
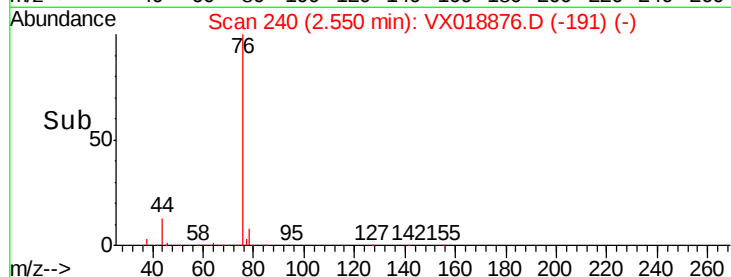
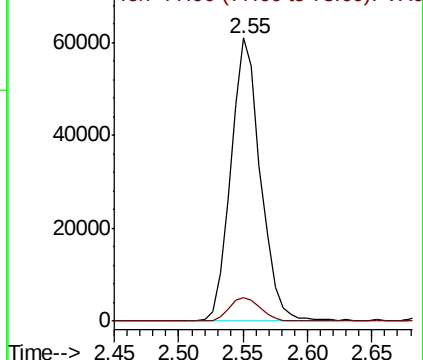
76 100

78 8.5 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: 19.511 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018876.D

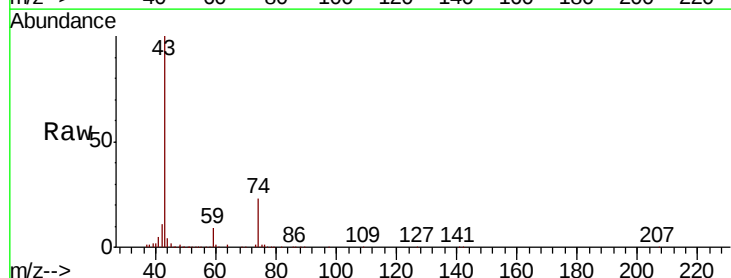
Acq: 10 Oct 2020 00:33

Tgt Ion: 43 Resp: 46707

Ion Ratio Lower Upper

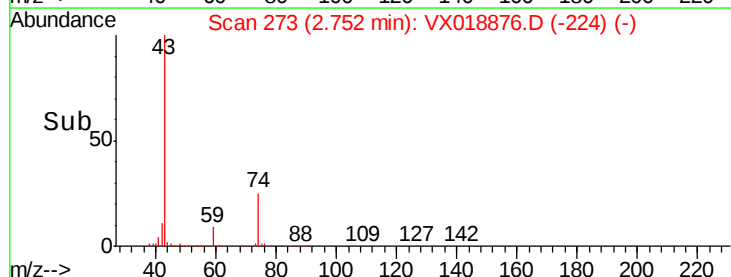
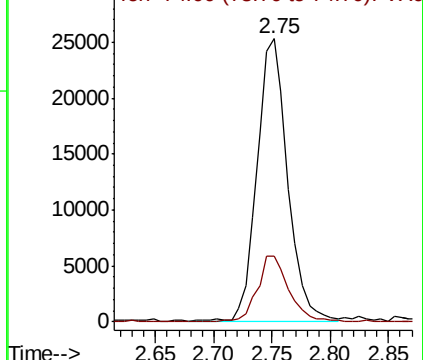
43 100

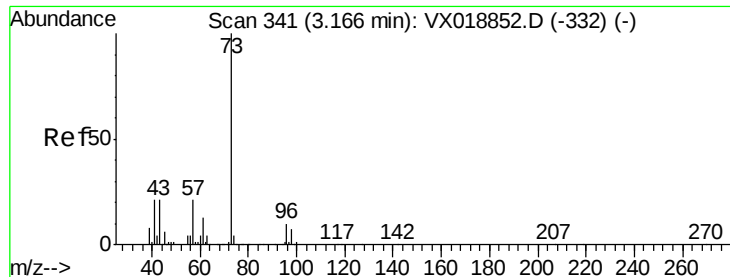
74 24.1 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

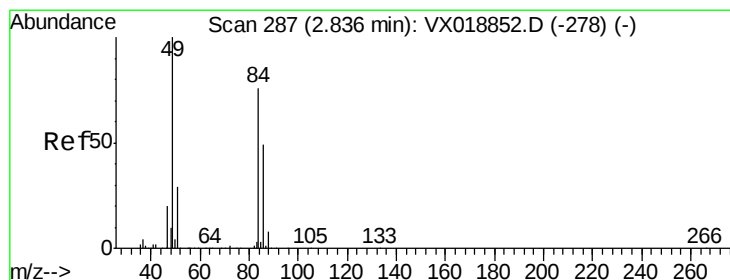
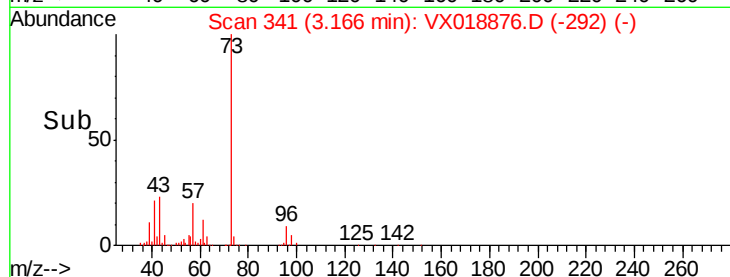
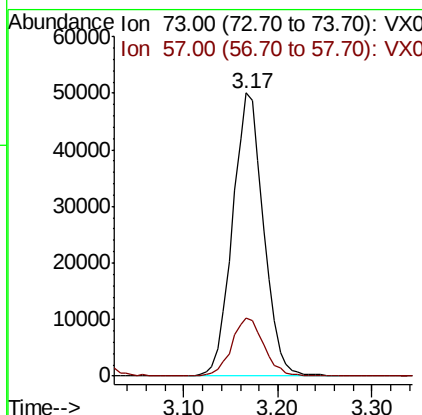
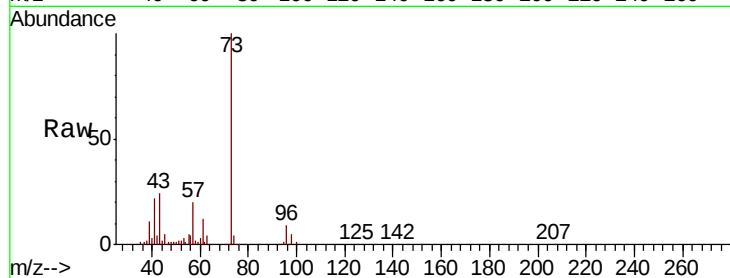




#19
Methyl tert-butyl Ether
Concen: 18.988 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

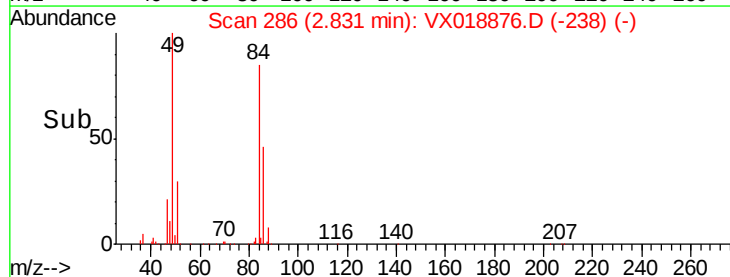
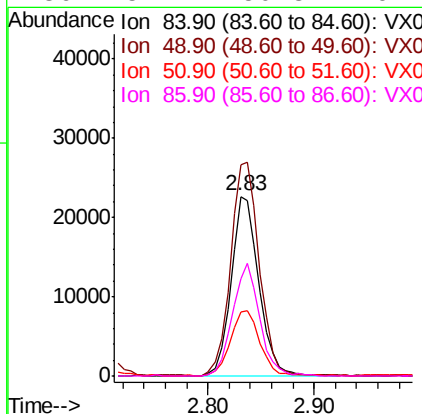
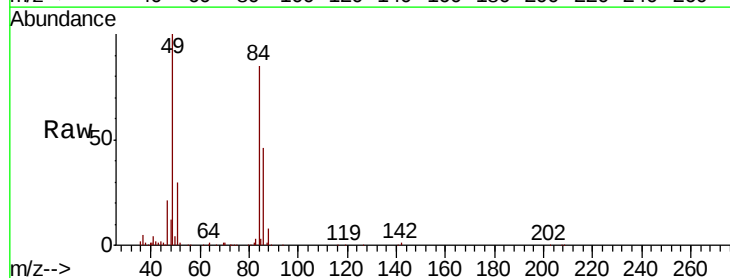
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

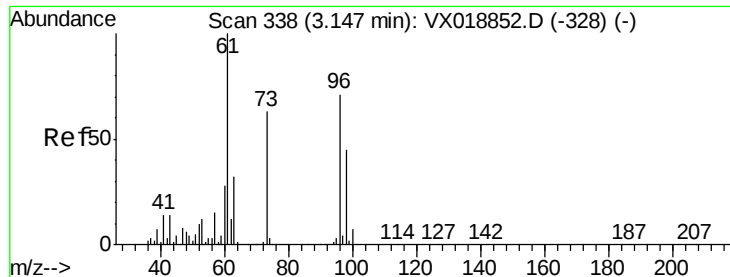
Tot Ion: 73 Resp: 114798
Ion Ratio Lower Upper
73 100
57 20.3 16.7 25.1



#20
Methylene Chloride
Concen: 20.365 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion: 84 Resp: 41211
Ion Ratio Lower Upper
84 100
49 117.6 104.8 157.2
51 35.4 30.6 46.0
86 54.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 19.069 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

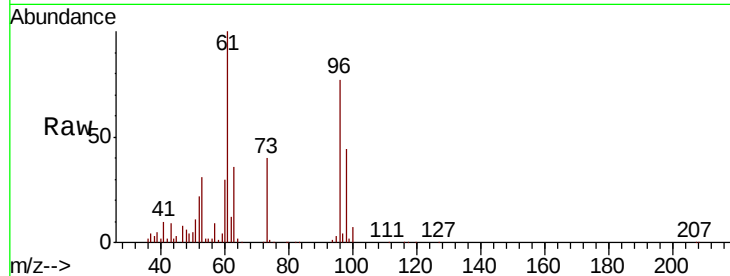
Tot Ion: 96 Resp: 39882

Ion Ratio Lower Upper

96 100

61 130.2 112.0 168.0

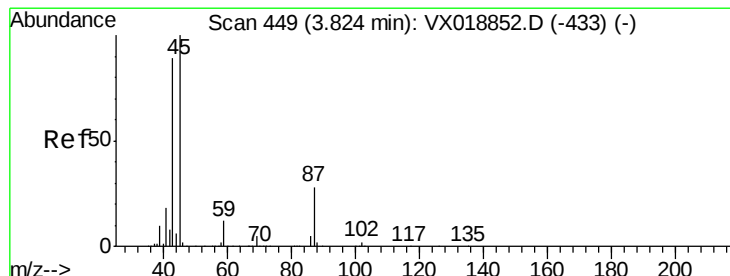
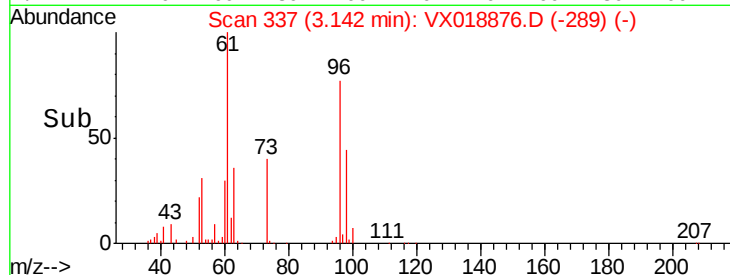
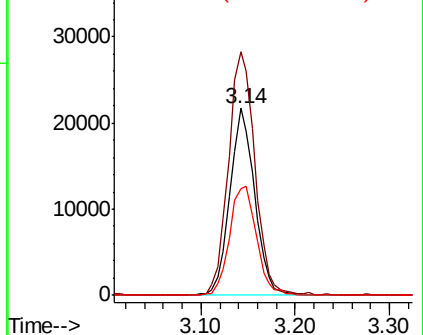
98 56.9 50.2 75.2



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



#22

Diisopropyl ether

Concen: 19.026 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Tgt Ion: 45 Resp: 111326

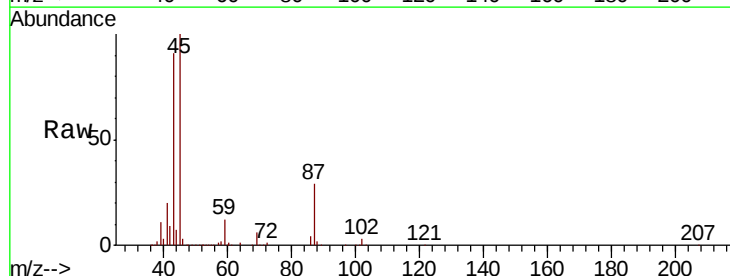
Ion Ratio Lower Upper

45 100

43 89.3 71.2 106.8

87 29.4 22.5 33.7

59 11.9 9.2 13.8

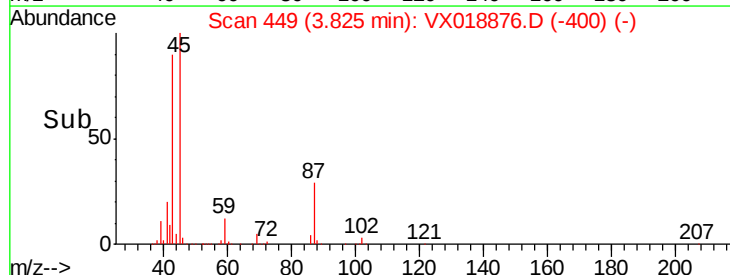
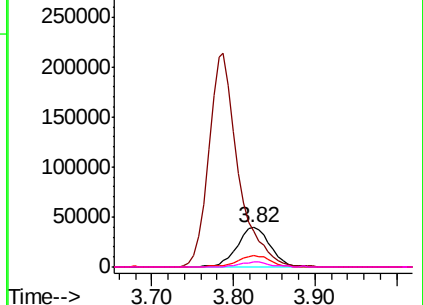


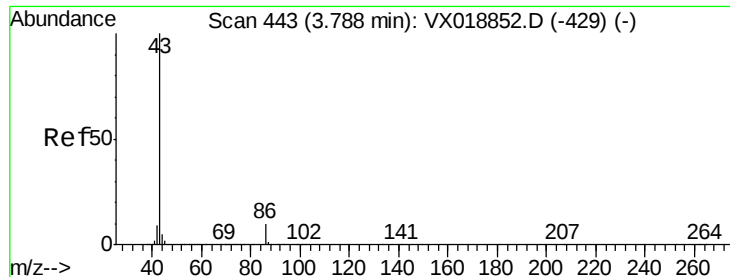
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.782 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

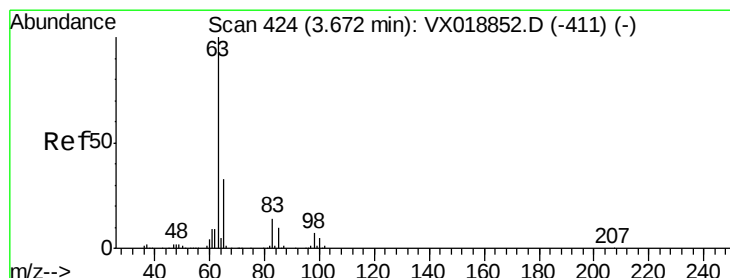
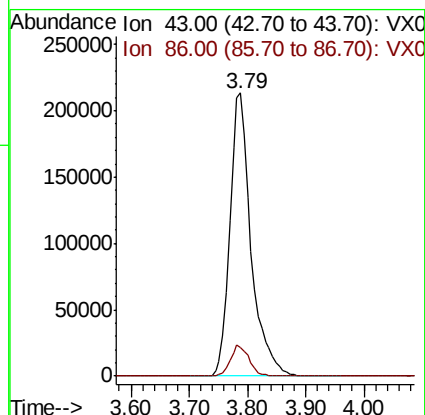
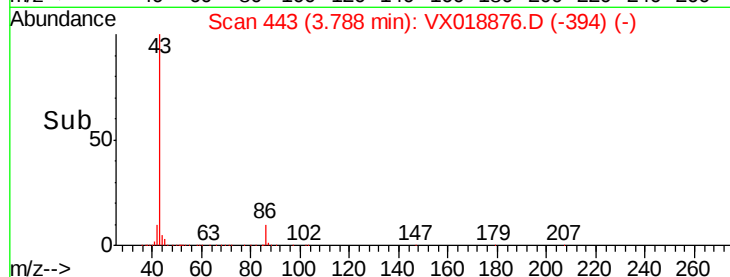
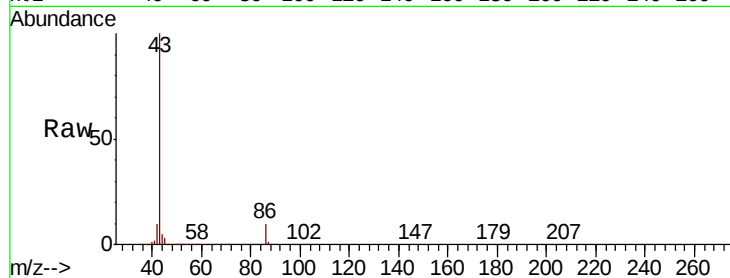
VX1009WBSD02

Tot Ion: 43 Resp: 539000

Ion Ratio Lower Upper

43 100

86 10.3 8.3 12.5



#24

1,1-Dichloroethane

Concen: 18.135 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

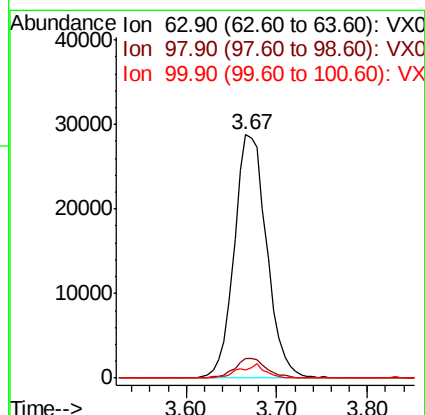
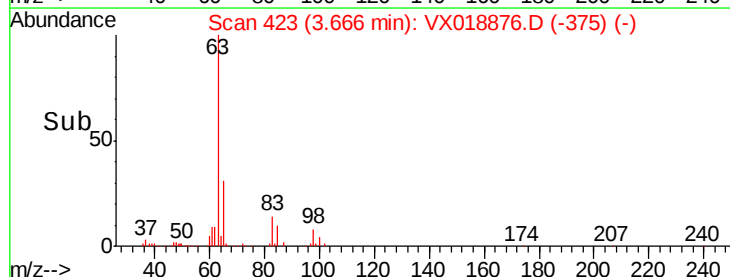
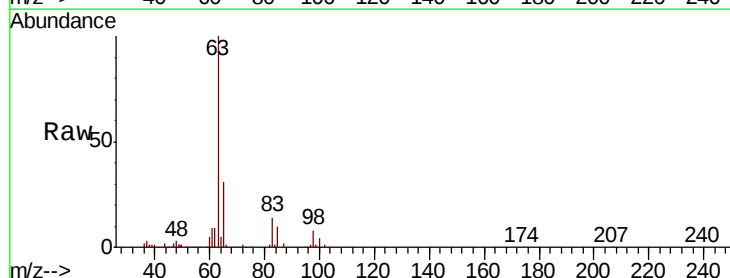
Tgt Ion: 63 Resp: 71345

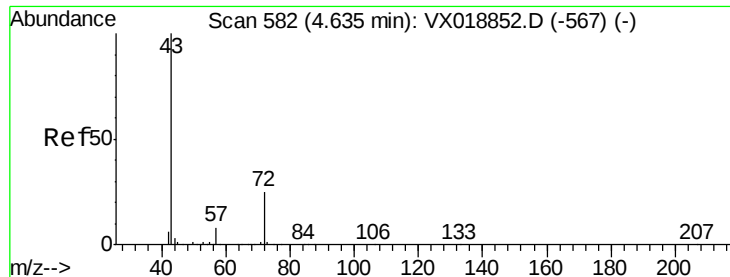
Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.2

100 3.6 2.5 7.6

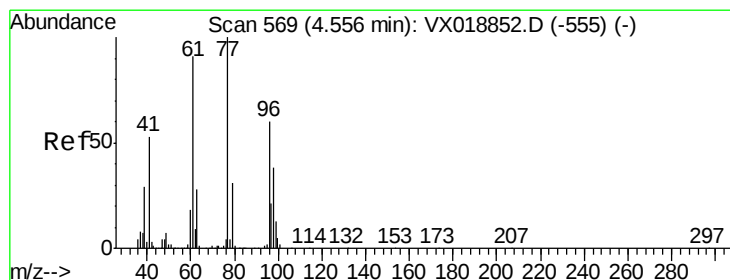
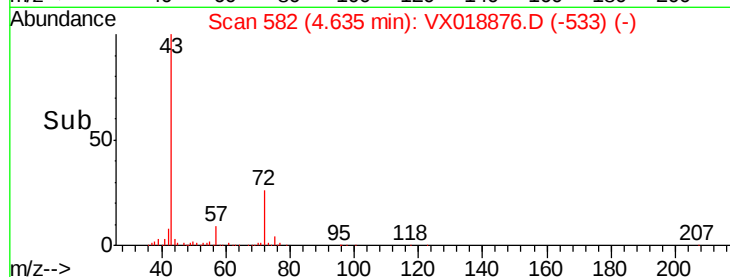
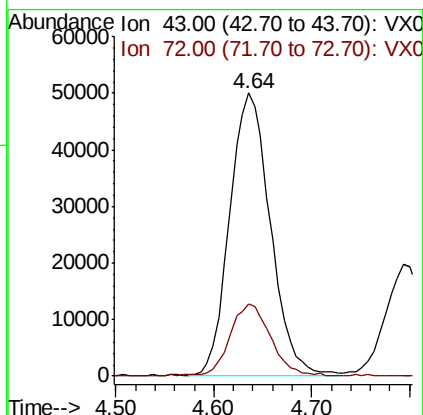
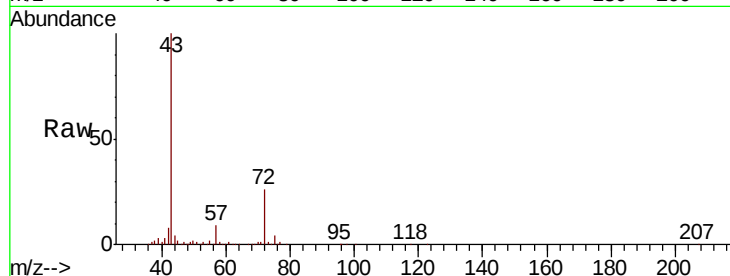




#25
2-Butanone
Concen: 91.874 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

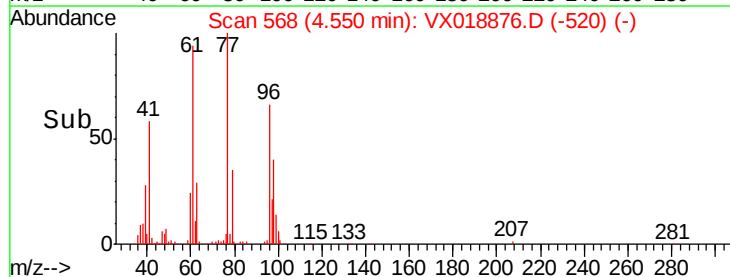
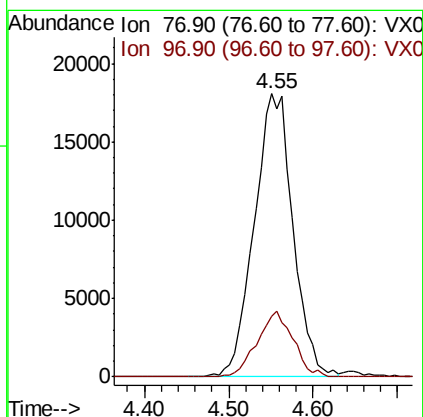
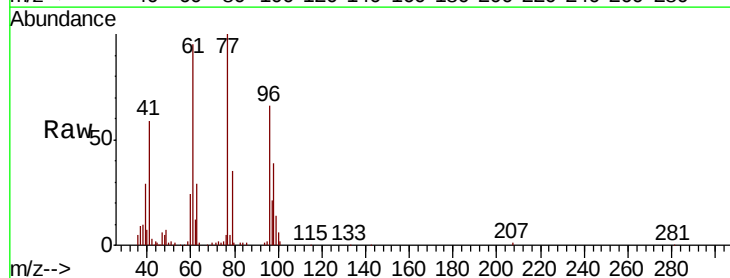
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

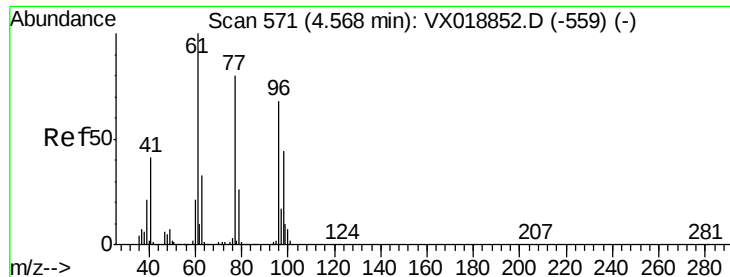
Tot Ion: 43 Resp: 143303
Ion Ratio Lower Upper
43 100
72 25.5 20.2 30.4



#26
2,2-Dichloropropane
Concen: 15.011 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion: 77 Resp: 56978
Ion Ratio Lower Upper
77 100
97 21.7 10.4 31.4



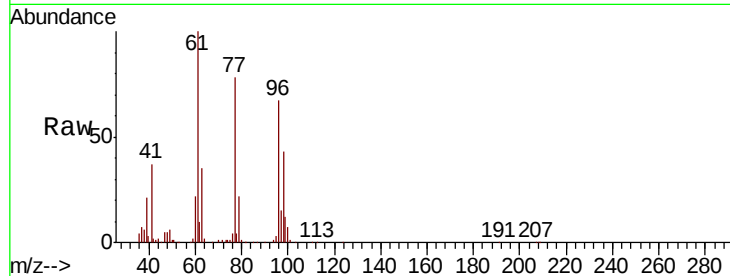


#27

cis-1,2-Dichloroethene
Concen: 18.764 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	306.8
98	63.7	0.0	130.2

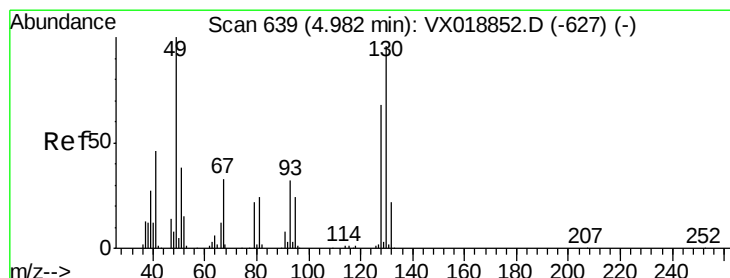
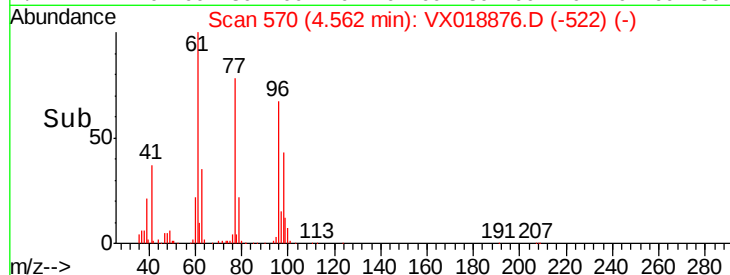
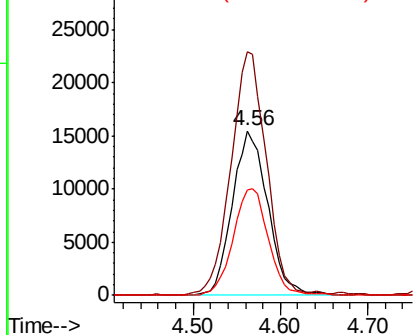


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

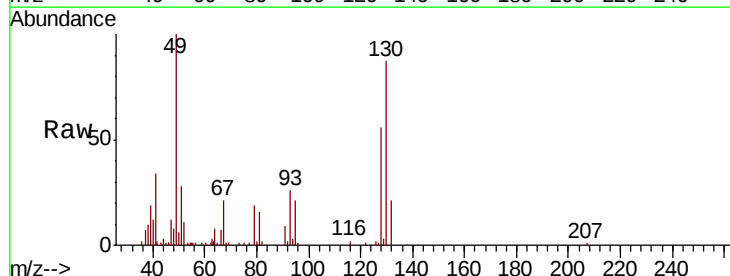
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 19.596 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	5.4
130	85.8	71.2	106.8

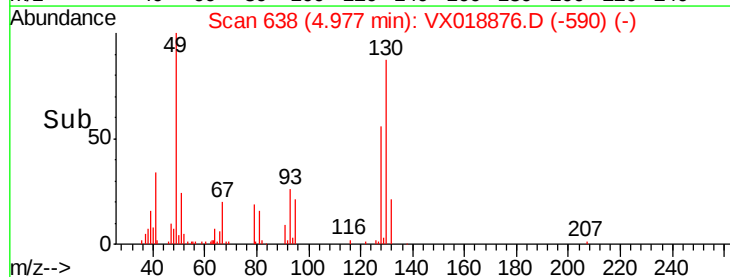
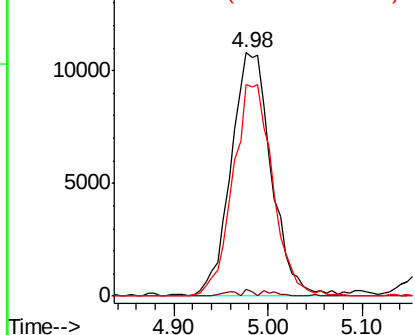


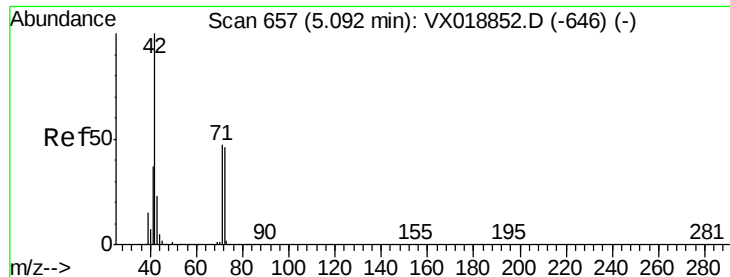
Abundance

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: 98.007 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

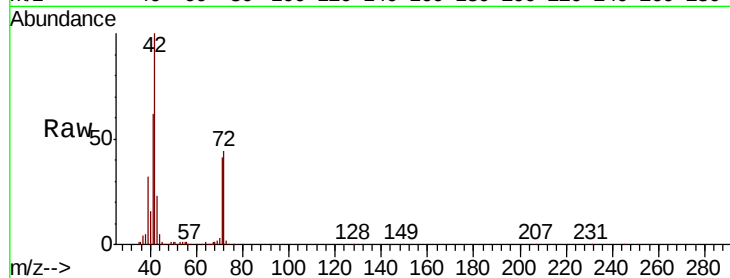
Tot Ion: 42 Resp: 82018

Ion Ratio Lower Upper

42 100

72 44.6 36.4 54.6

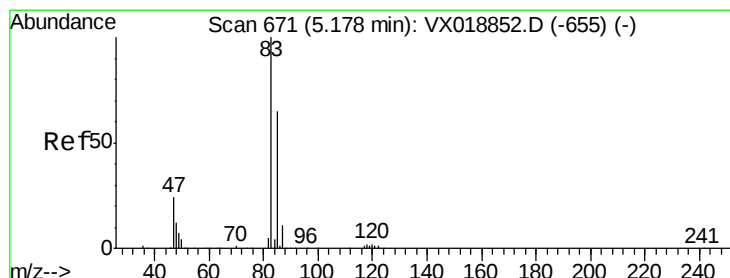
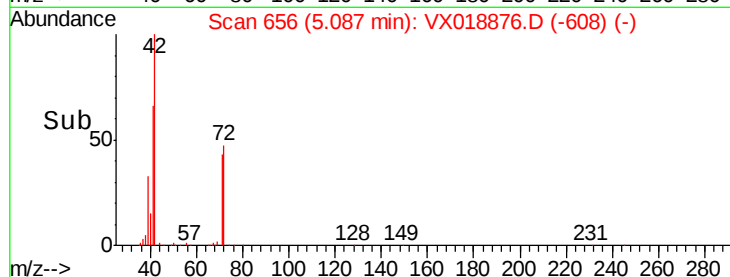
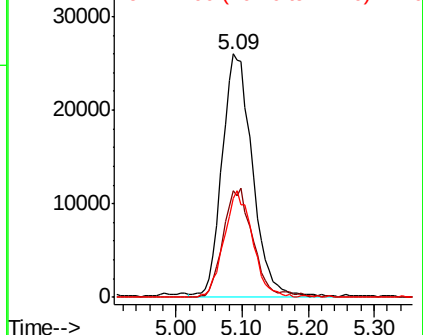
71 41.3 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.124 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018876.D

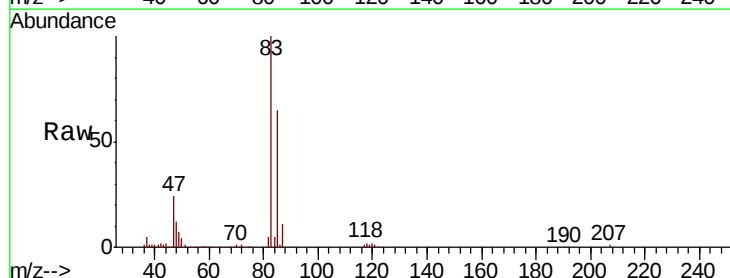
Acq: 10 Oct 2020 00:33

Tgt Ion: 83 Resp: 78556

Ion Ratio Lower Upper

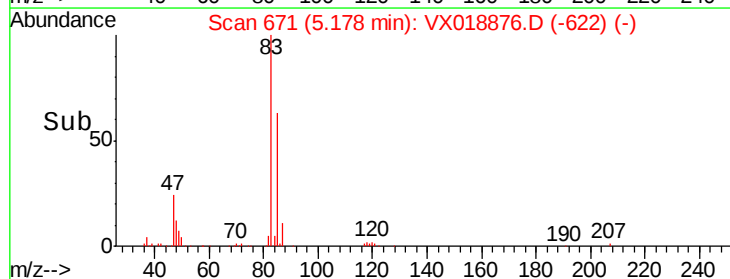
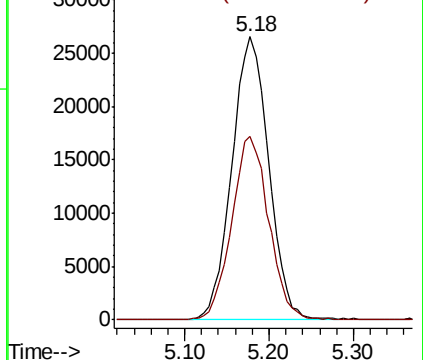
83 100

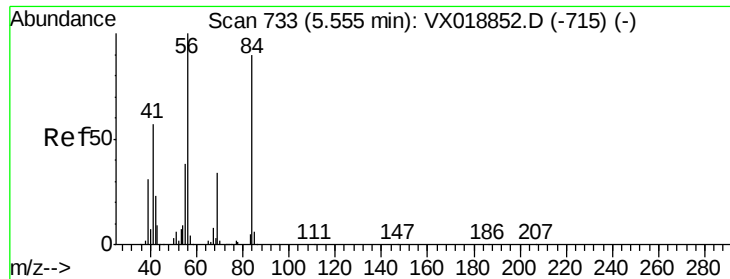
85 64.9 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.579 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

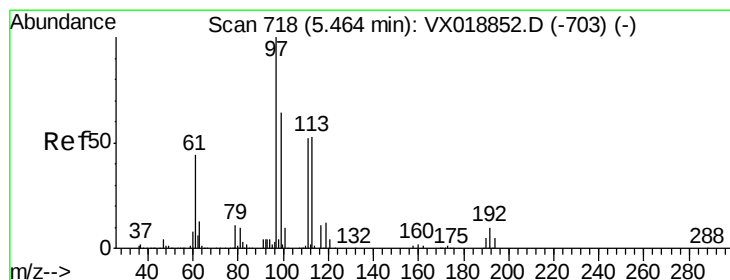
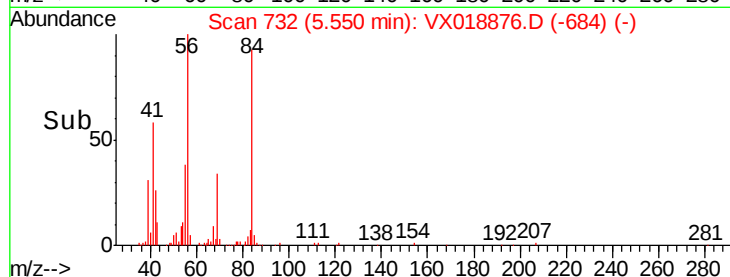
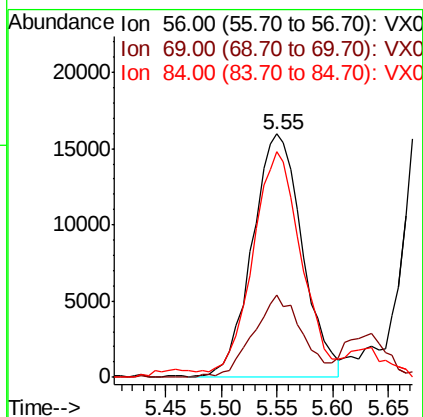
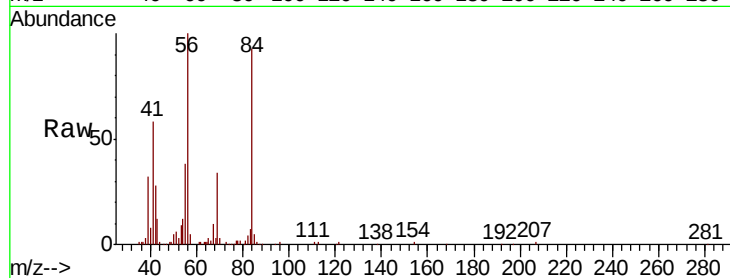
Tot Ion: 56 Resp: 49973

Ion Ratio Lower Upper

56 100

69 34.0 27.1 40.7

84 91.0 71.7 107.5



#32

1,1,1-Trichloroethane

Concen: 17.964 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

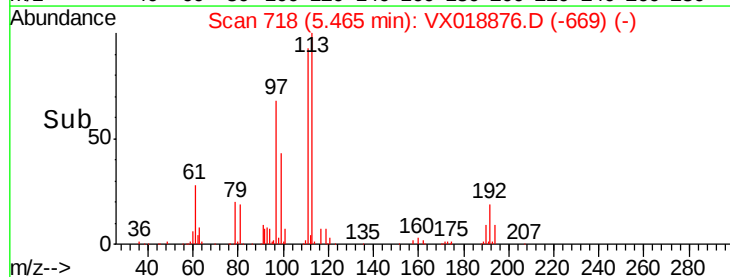
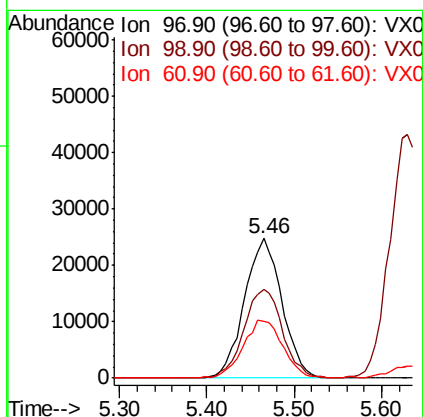
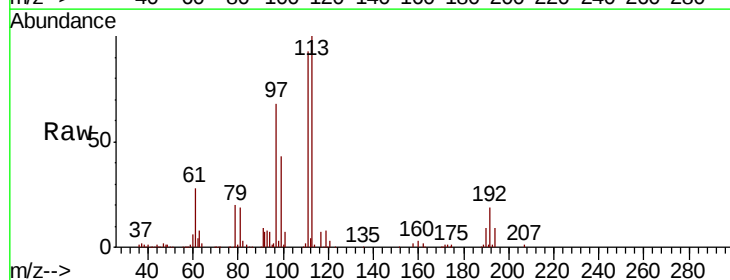
Tgt Ion: 97 Resp: 73992

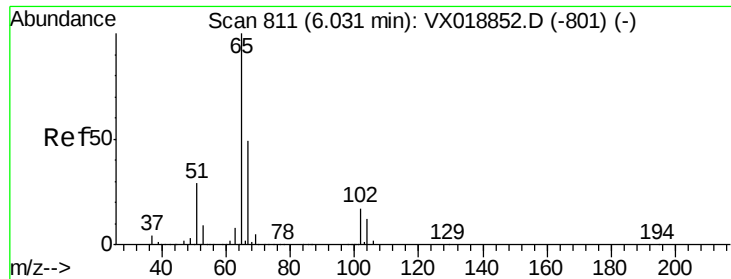
Ion Ratio Lower Upper

97 100

99 65.5 52.1 78.1

61 43.9 35.3 52.9





#33

1,2-Dichloroethane-d4

Concen: 48.728 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

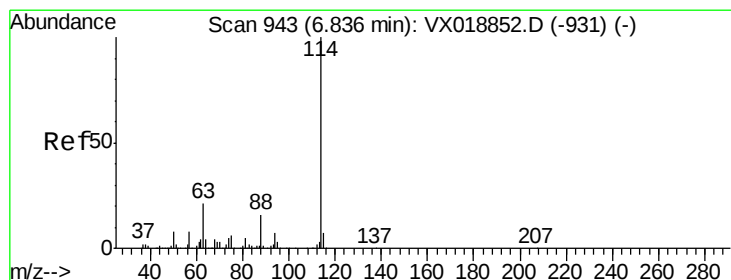
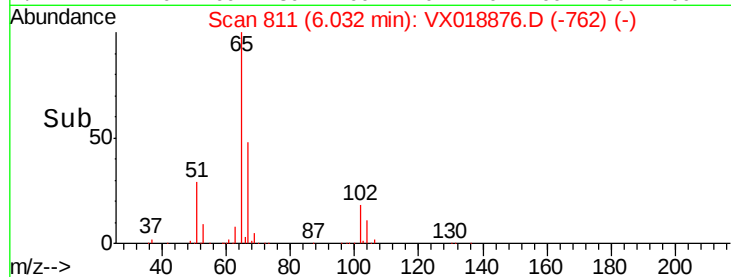
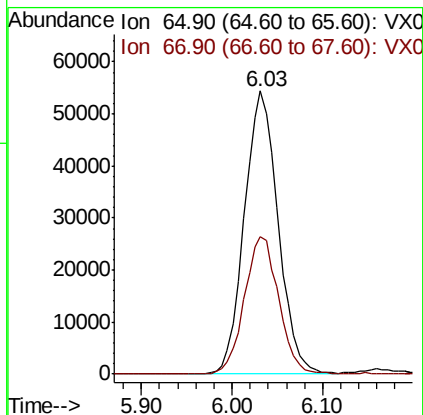
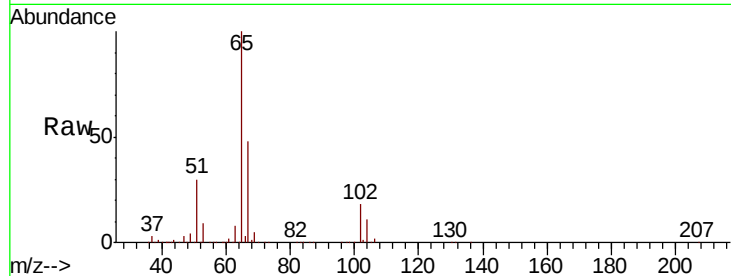
VX1009WBSD02

Tot Ion: 65 Resp: 140324

Ion Ratio Lower Upper

65 100

67 49.3 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: VX018876.D

Acq: 10 Oct 2020 00:33

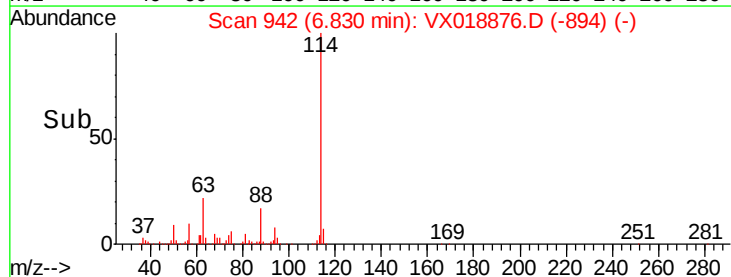
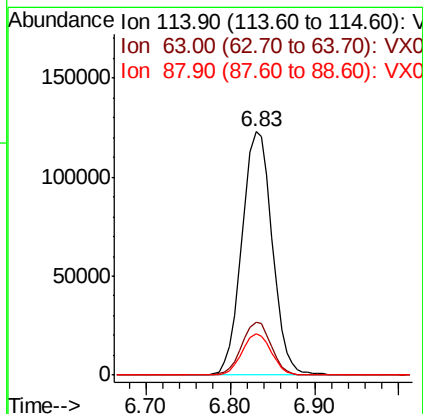
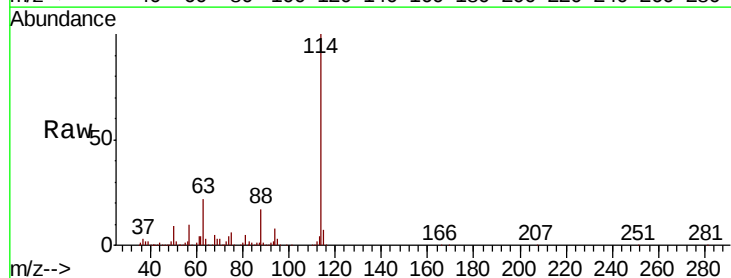
Tgt Ion: 114 Resp: 298165

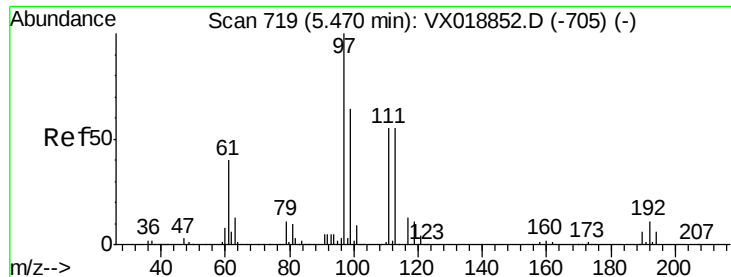
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.4

88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.561 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

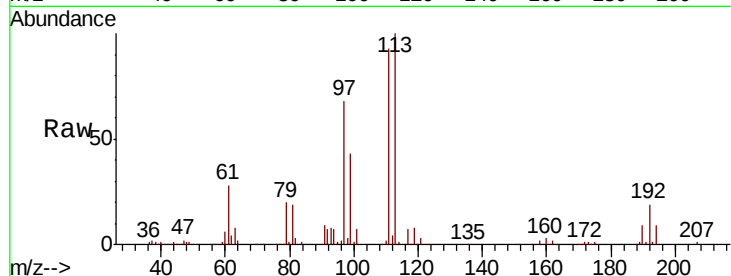
Tot Ion:113 Resp: 101062

Ion Ratio Lower Upper

113 100

111 101.6 80.1 120.1

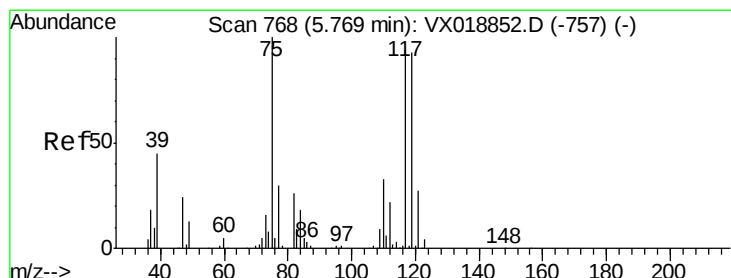
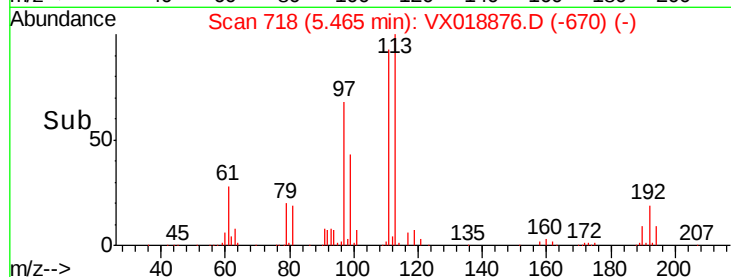
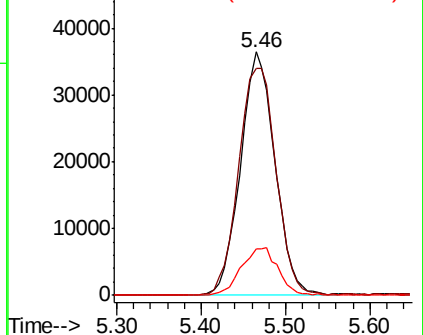
192 20.9 16.0 24.0



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: 17.150 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

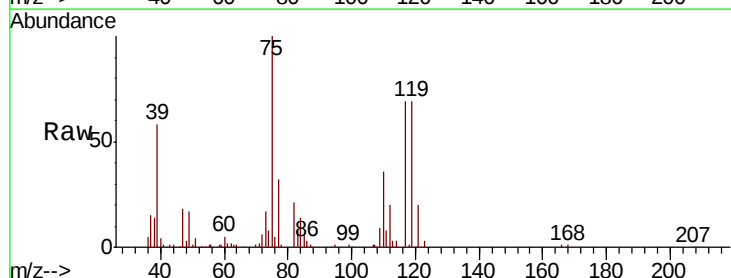
Tgt Ion: 75 Resp: 53764

Ion Ratio Lower Upper

75 100

110 36.6 17.8 53.5

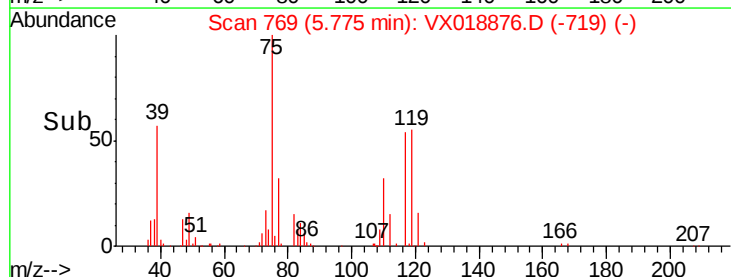
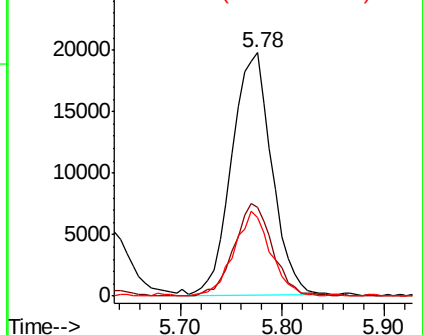
77 32.3 24.2 36.4

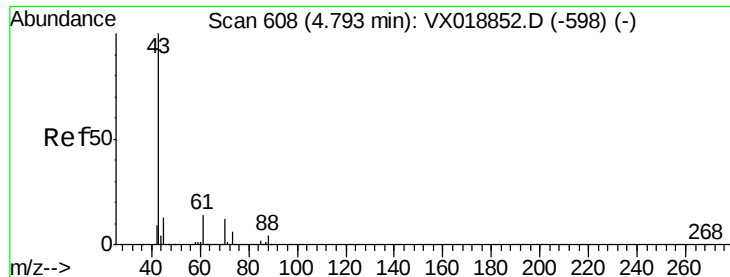


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.883 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

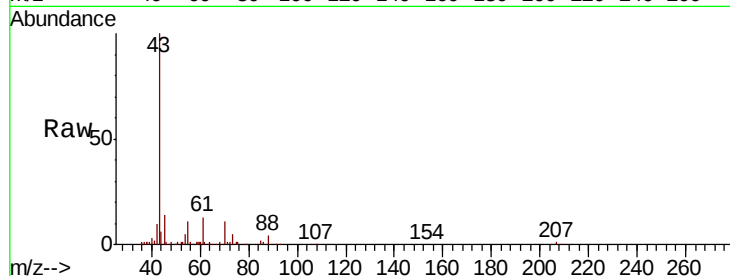
Tot Ion: 43 Resp: 57164

Ion Ratio Lower Upper

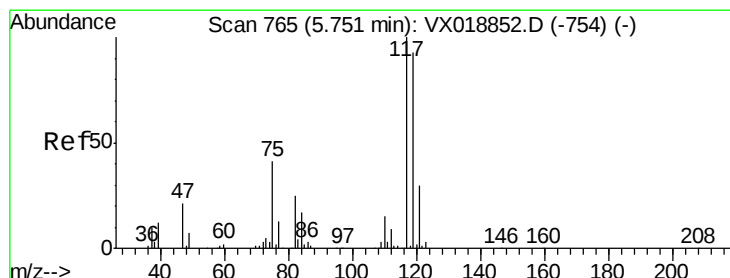
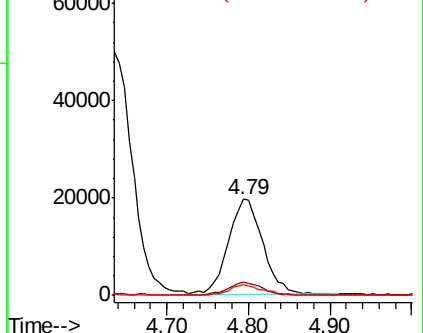
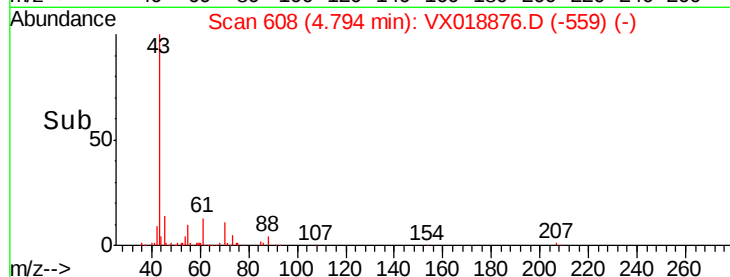
43 100

61 14.1 10.9 16.3

70 10.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX018852.D (-598) (-)



#38

Carbon Tetrachloride

Concen: 18.129 ug/l

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

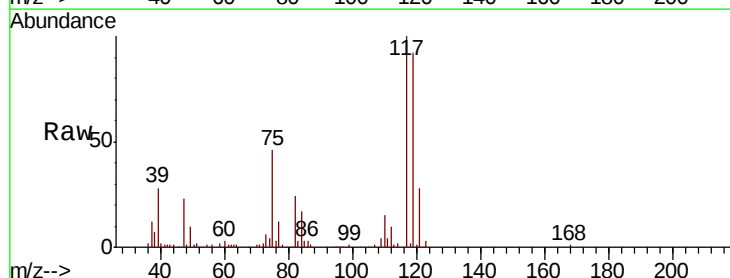
Tgt Ion: 117 Resp: 70440

Ion Ratio Lower Upper

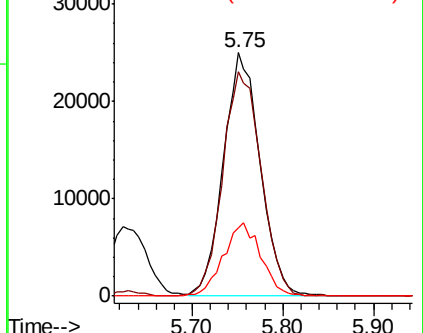
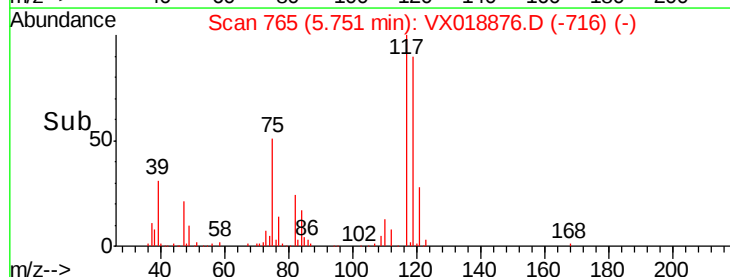
117 100

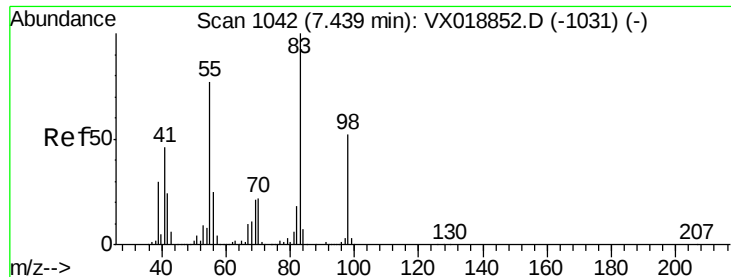
119 92.4 73.9 110.9

121 28.3 23.6 35.4



Abundance Ion 116.80 (116.50 to 117.50): VX018852.D (-754) (-)

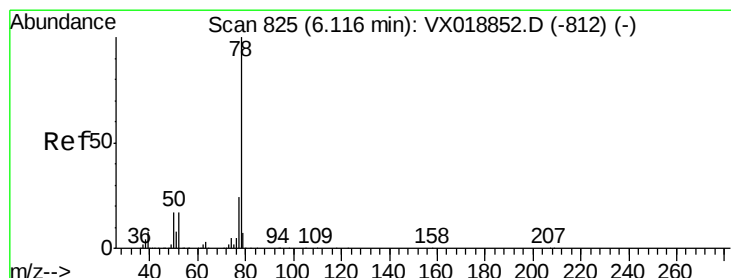
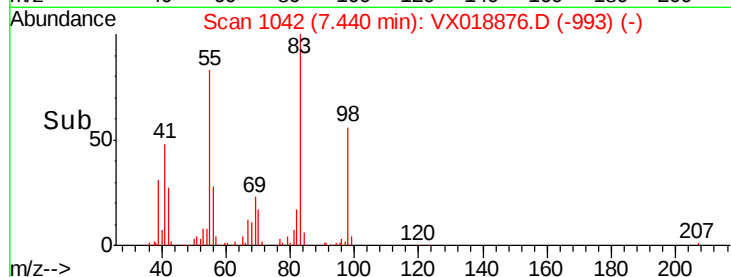
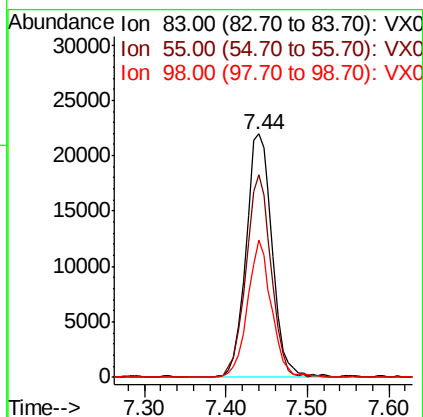
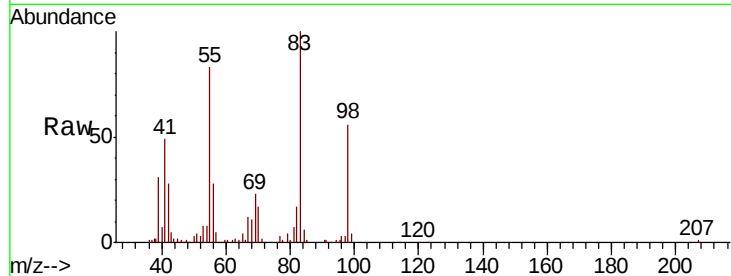




#39
Methvlcvclohexane
Concen: 17.000 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

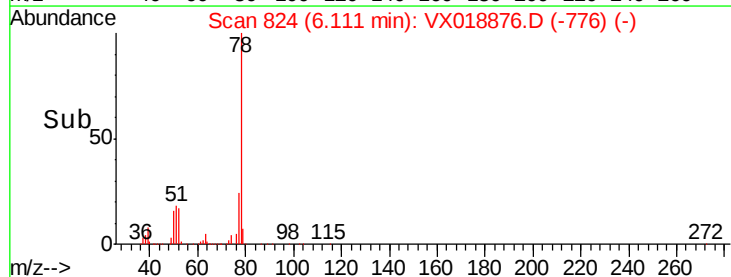
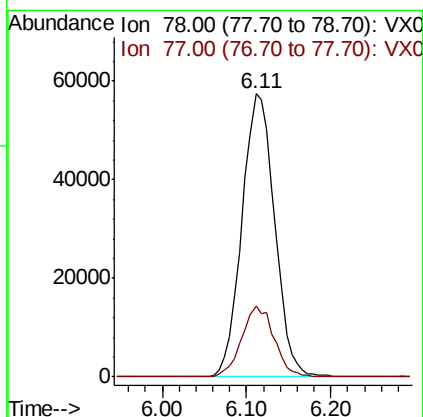
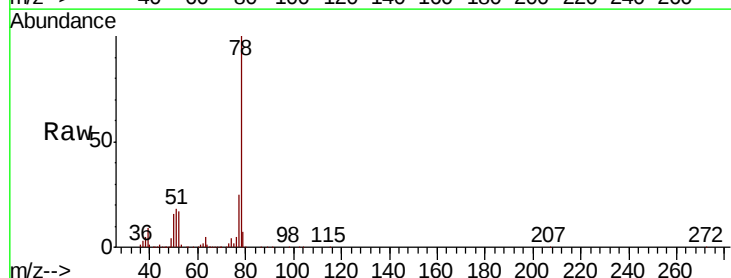
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

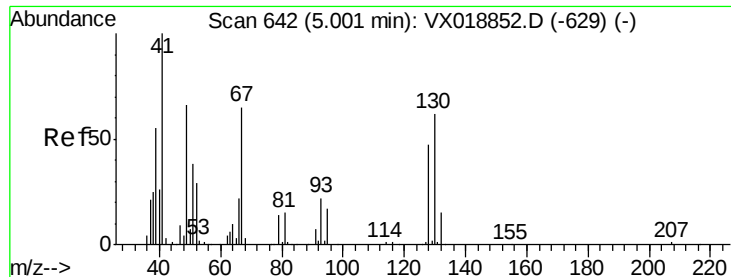
Tot Ion: 83 Resp: 49128
Ion Ratio Lower Upper
83 100
55 83.0 61.8 92.6
98 56.4 41.4 62.0



#40
Benzene
Concen: 17.895 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion: 78 Resp: 150718
Ion Ratio Lower Upper
78 100
77 24.9 19.1 28.7

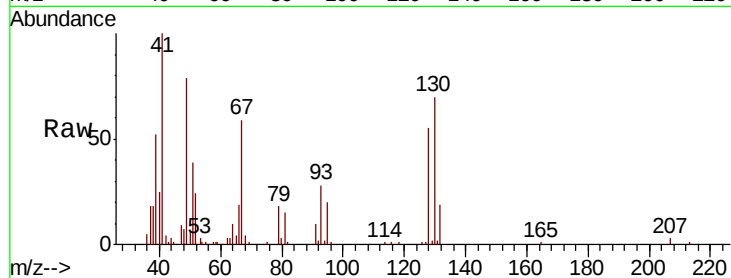




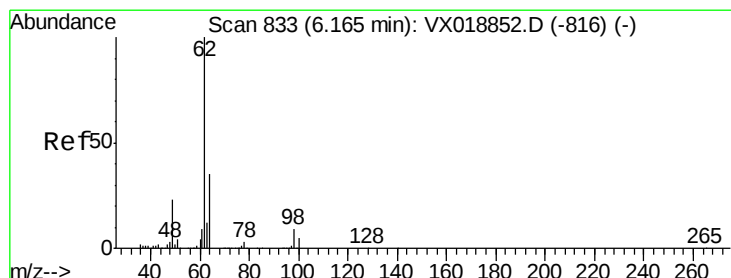
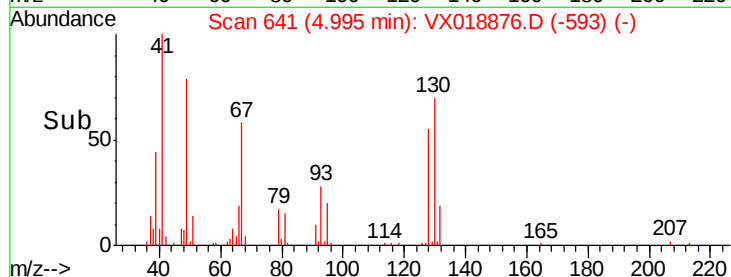
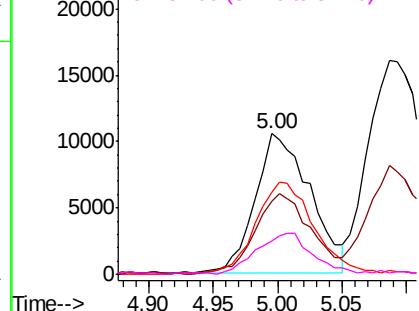
#41
Methacrylonitrile
Concen: 17.843 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion:	41	Resp:	31336
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.4	68.2
67	69.8	55.4	83.2
52	29.9	23.8	35.8

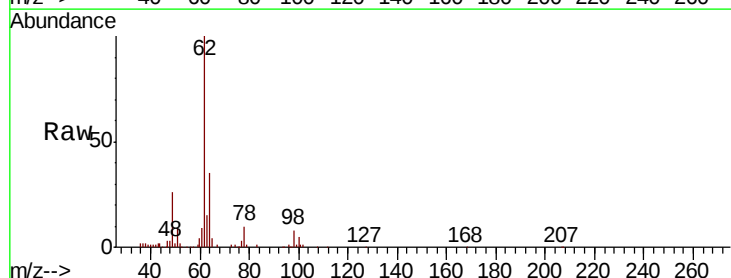


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

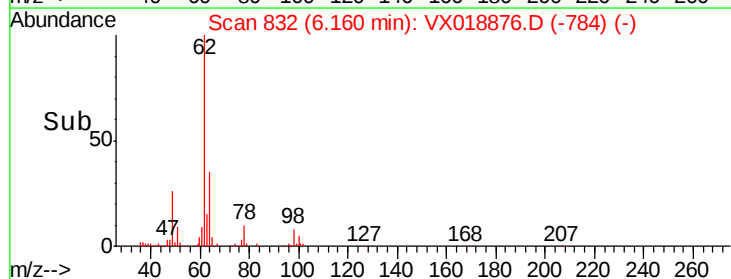
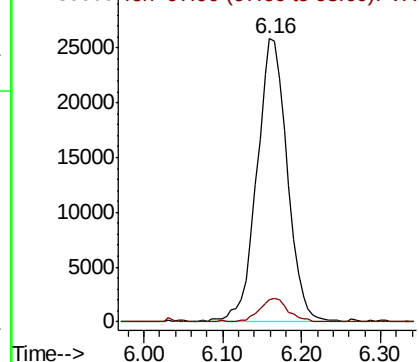


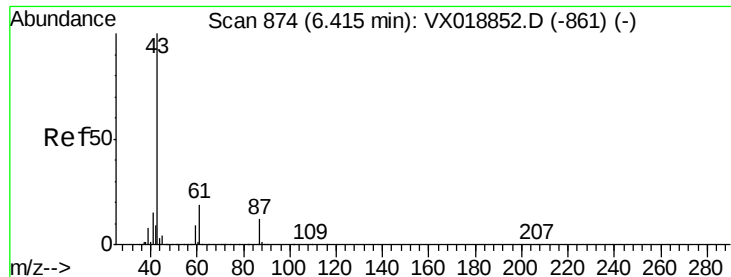
#42
1,2-Dichloroethane
Concen: 17.581 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion:	62	Resp:	69421
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.4



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

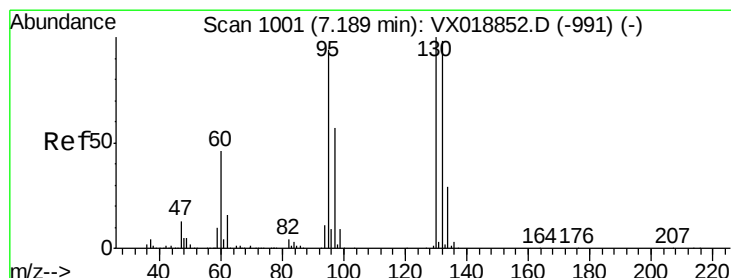
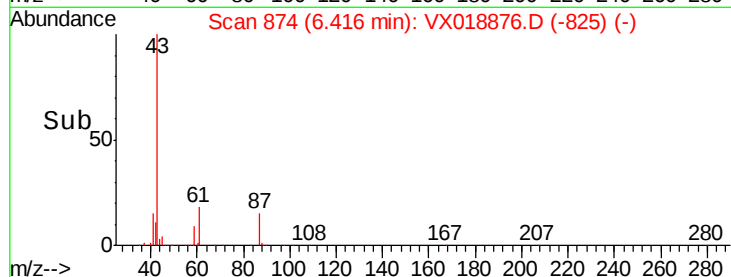
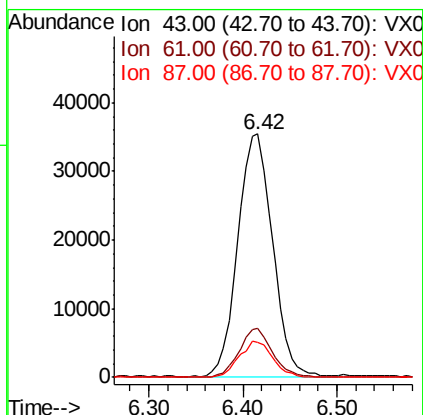
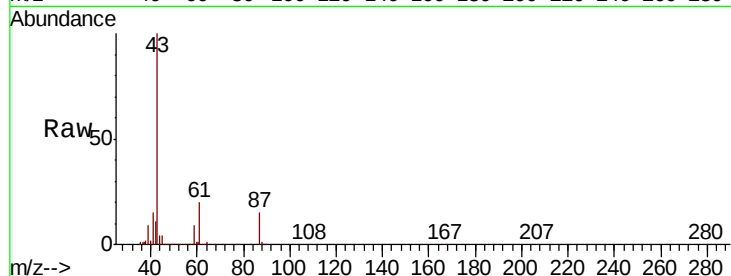




#43
Isopropyl Acetate
Concen: 18.148 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

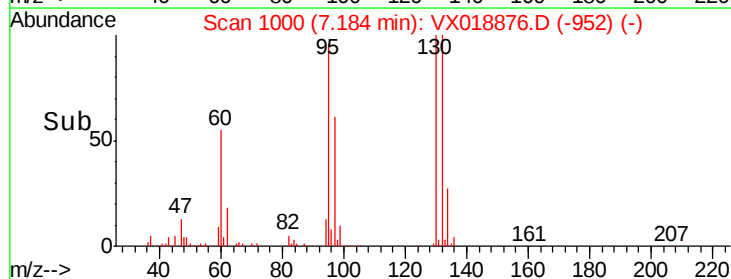
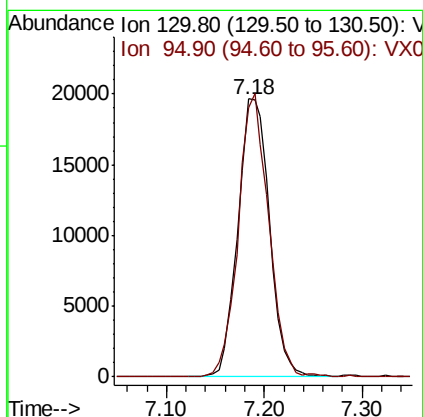
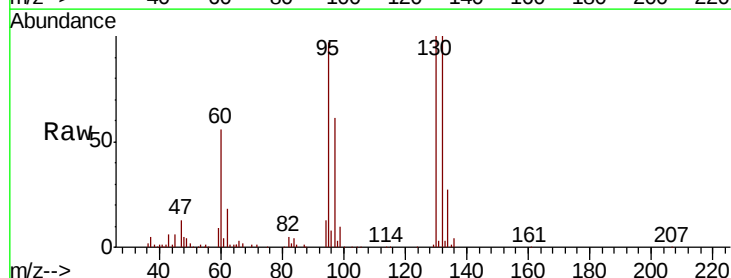
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

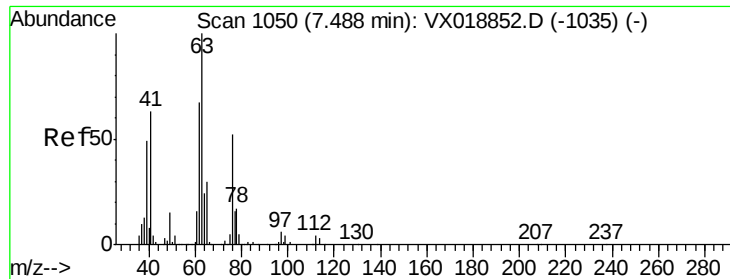
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.5	23.3
87	14.3	10.8	16.2



#44
Trichloroethene
Concen: 17.419 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	188.4





#45

1,2-Dichloropropane

Concen: 17.663 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

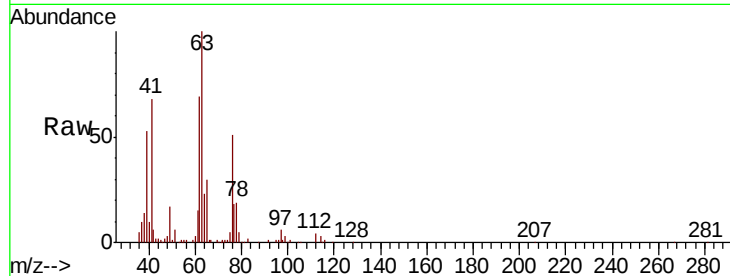
VX1009WBSD02

Tot Ion: 63 Resp: 39362

Ion Ratio Lower Upper

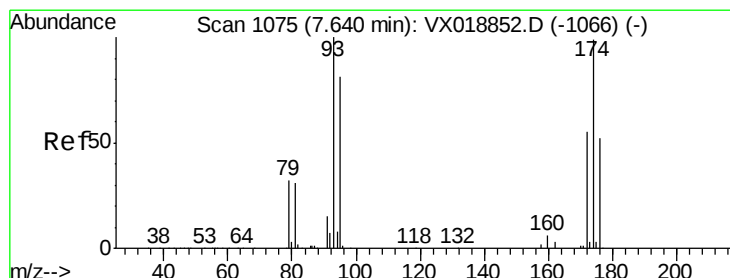
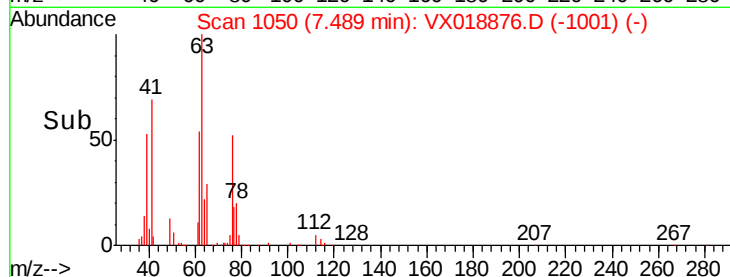
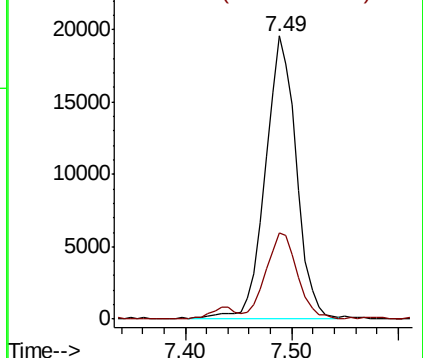
63 100

65 30.5 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.762 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

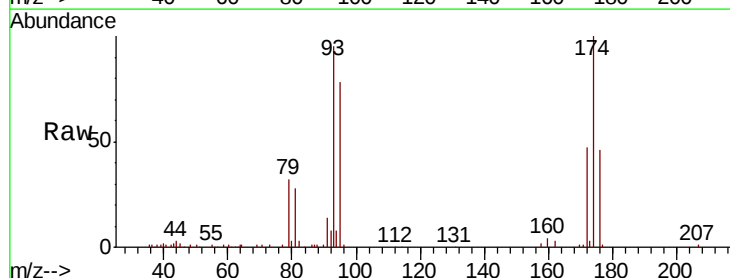
Tgt Ion: 93 Resp: 29252

Ion Ratio Lower Upper

93 100

95 82.3 66.1 99.1

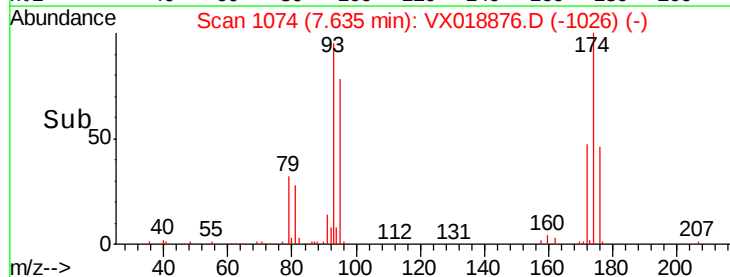
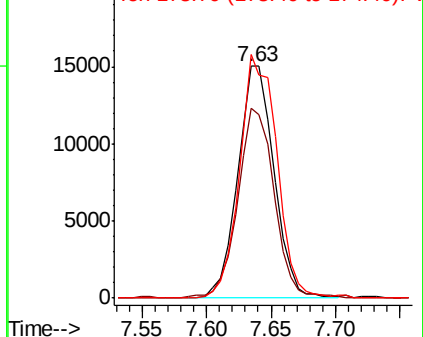
174 107.8 84.6 127.0

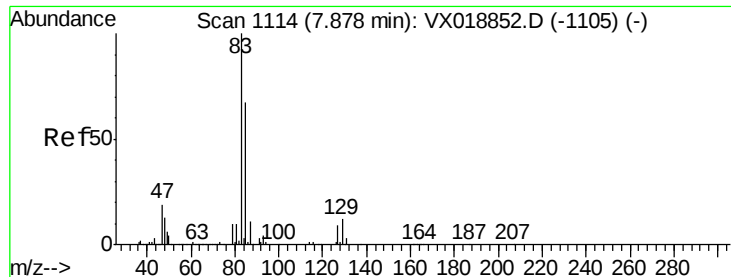


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.580 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

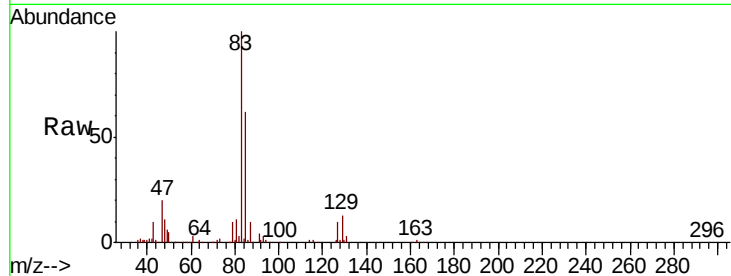
Tot Ion: 83 Resp: 62739

Ion Ratio Lower Upper

83 100

85 61.7 53.8 80.6

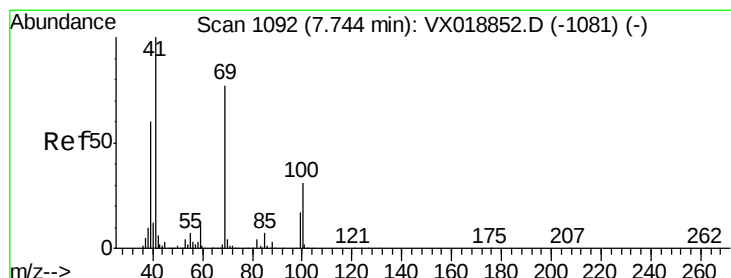
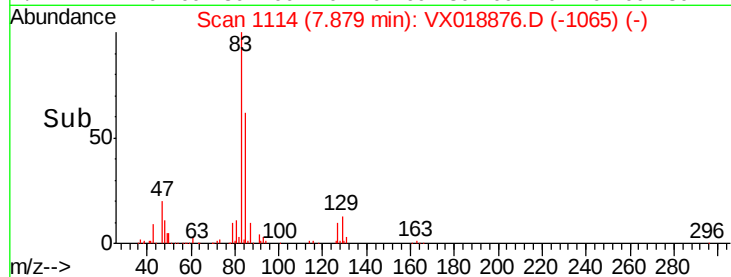
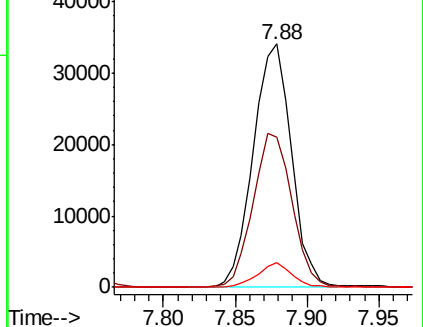
127 10.0 7.5 11.3



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: 18.129 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

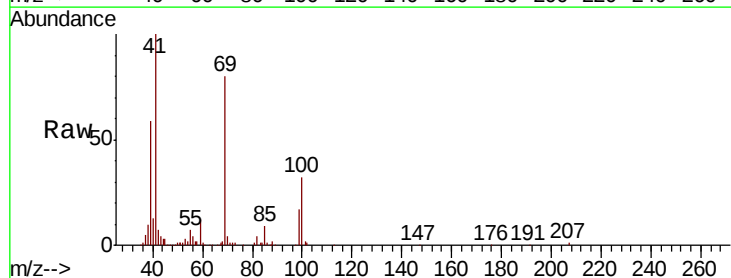
Tgt Ion: 41 Resp: 46280

Ion Ratio Lower Upper

41 100

69 77.3 64.6 97.0

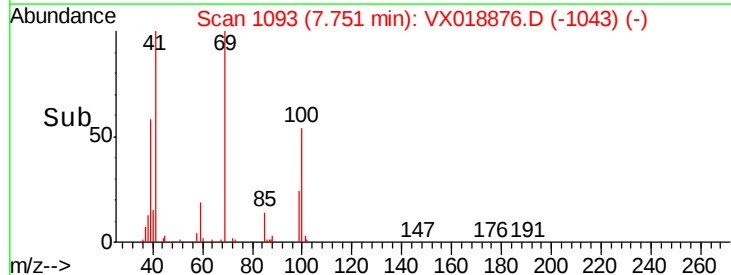
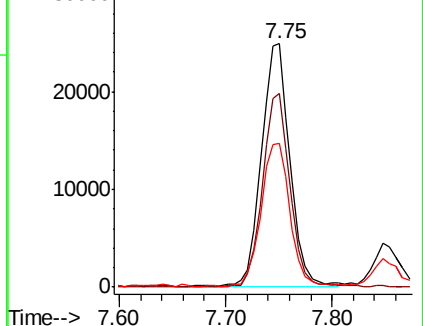
39 60.7 48.6 73.0

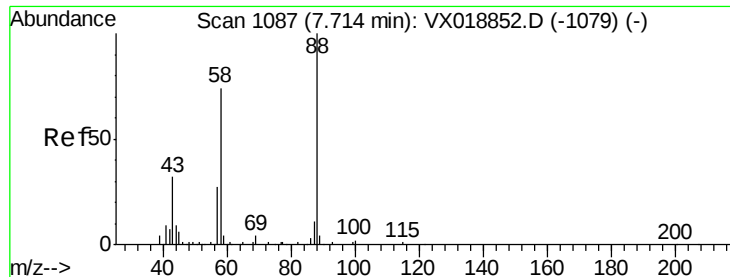


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

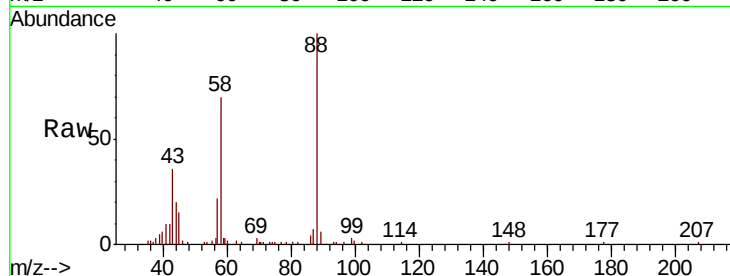




#49
1,4-Dioxane
Concen: 338.532 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	88	Resp	12118
Ion	Ratio	Lower	Upper
88	100		
43	42.6	31.0	46.6
58	76.4	59.3	88.9

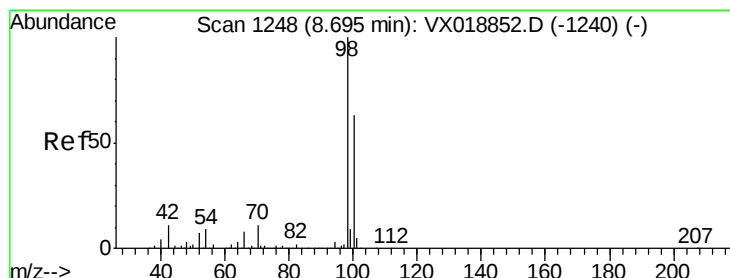
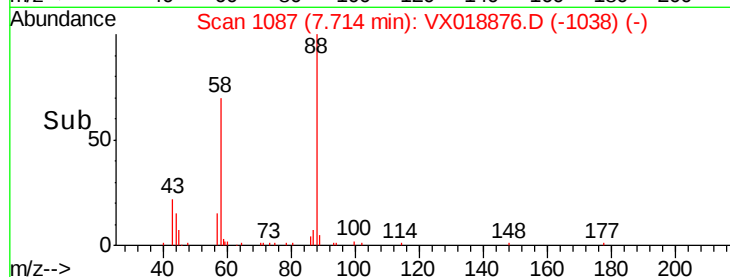
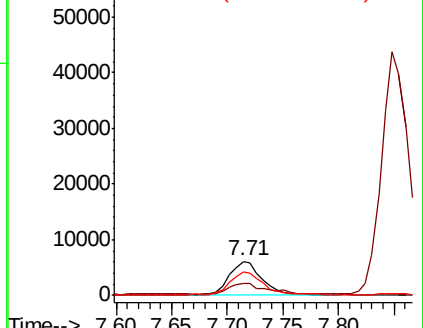


Abundance

Ion 88.00 (87.70 to 88.70): VX0

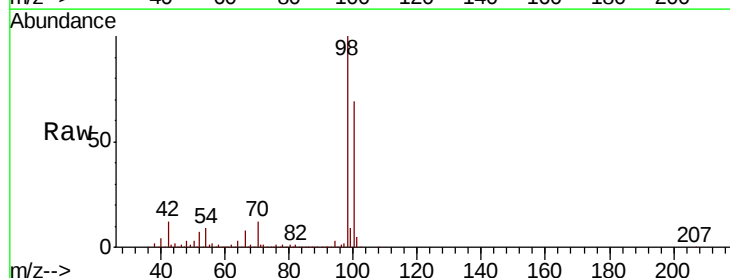
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 48.326 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

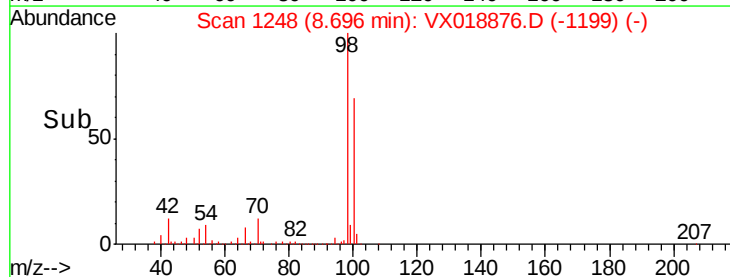
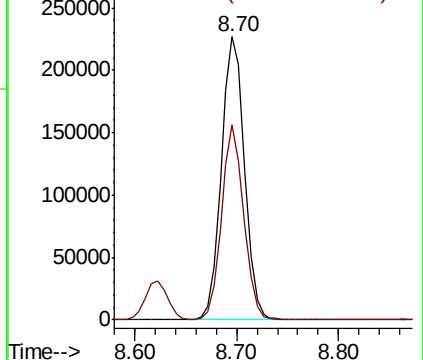
Tgt Ion	98	Resp	356200
Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7

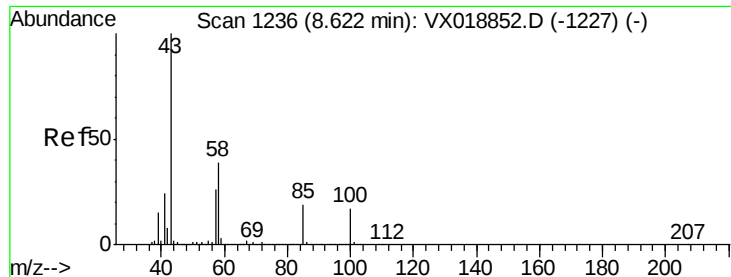


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 96.832 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

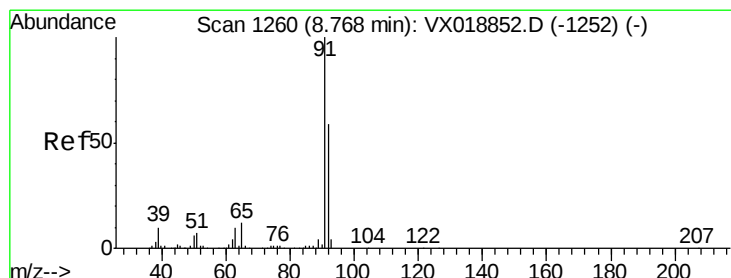
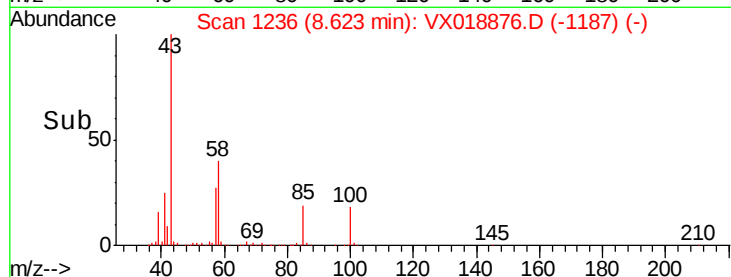
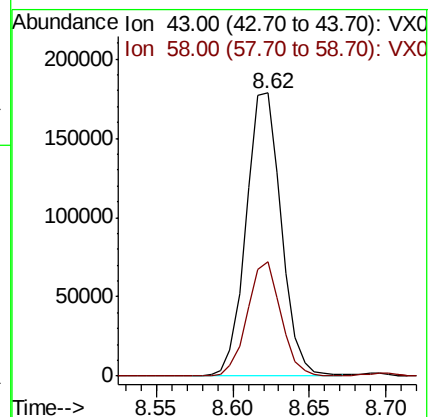
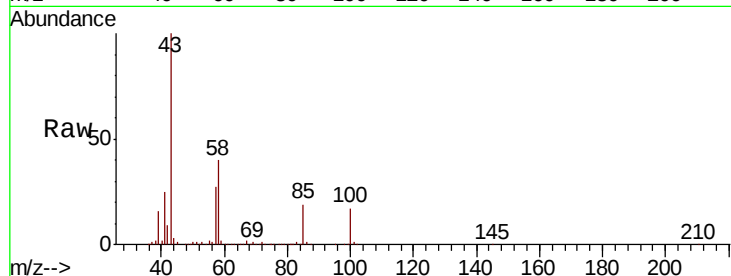
VX1009WBSD02

Tot Ion: 43 Resp: 284346

Ion Ratio Lower Upper

43 100

58 38.8 30.9 46.3



#52

Toluene

Concen: 18.407 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018876.D

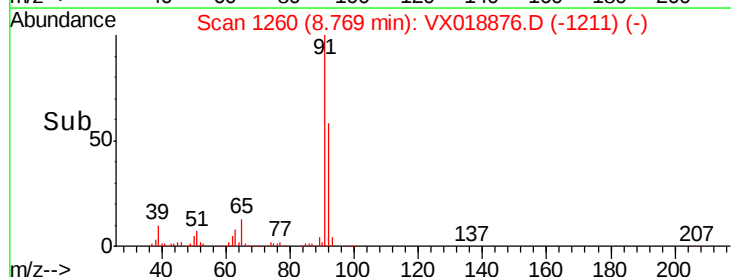
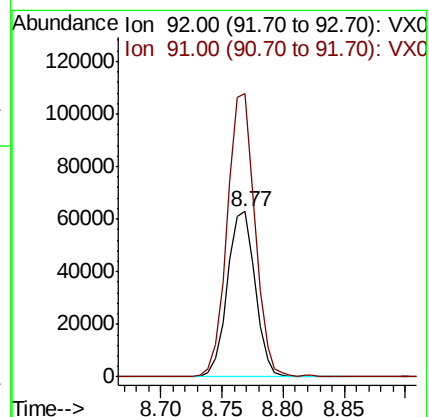
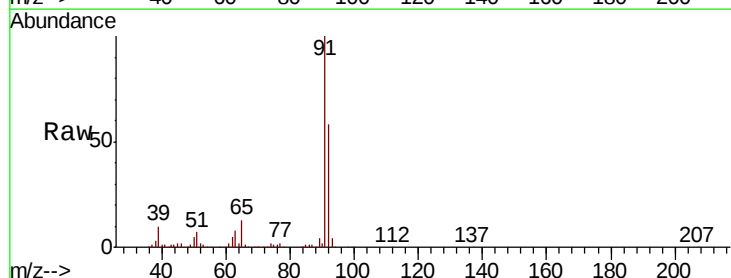
Acq: 10 Oct 2020 00:33

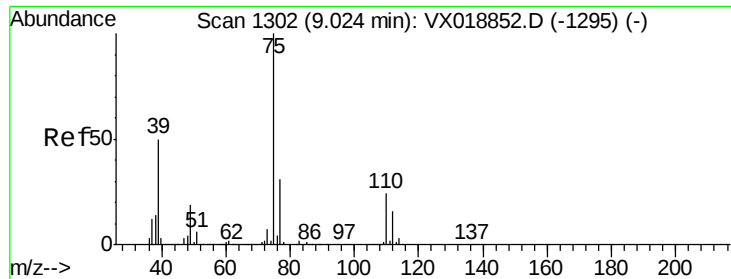
Tgt Ion: 92 Resp: 99491

Ion Ratio Lower Upper

92 100

91 169.6 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 17.831 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

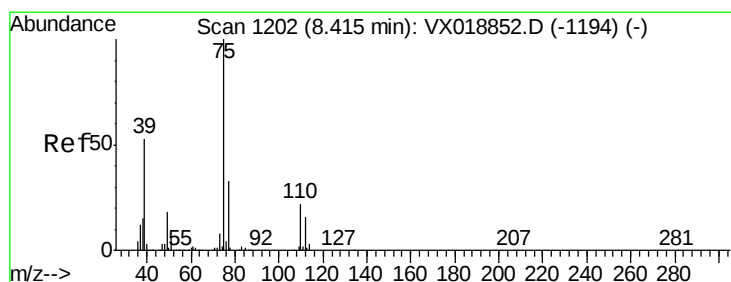
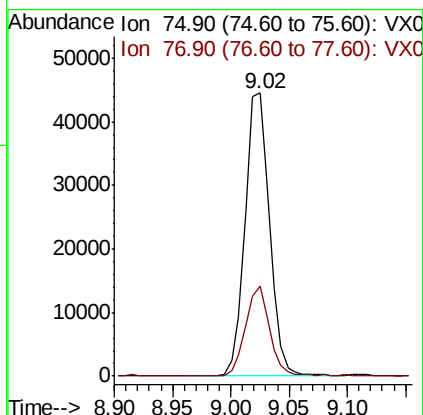
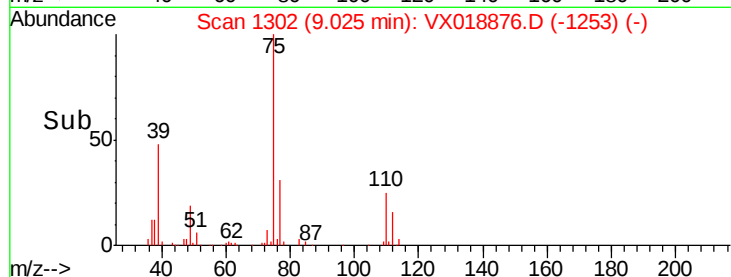
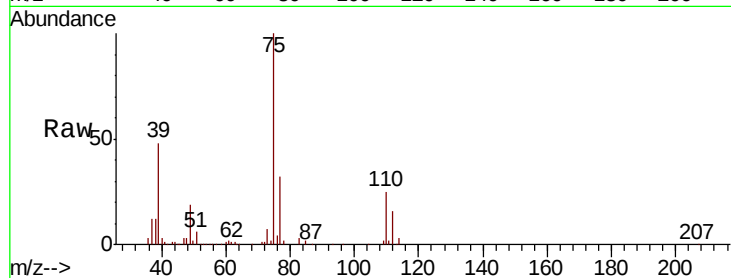
VX1009WBSD02

Tot Ion: 75 Resp: 65890

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 17.328 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

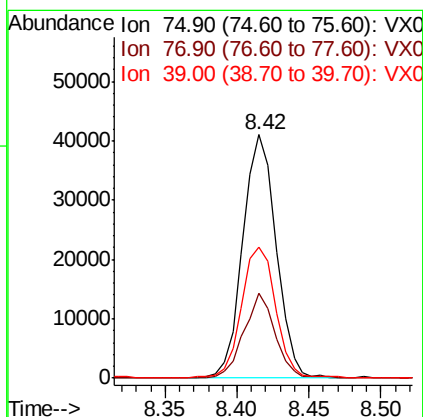
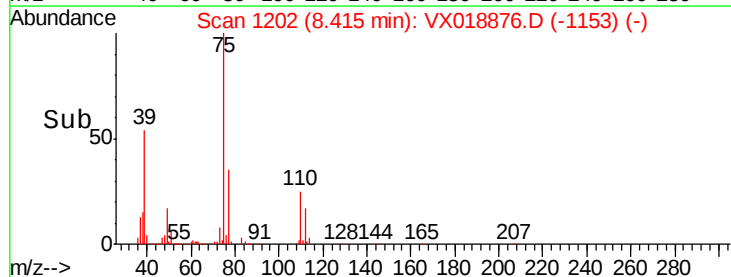
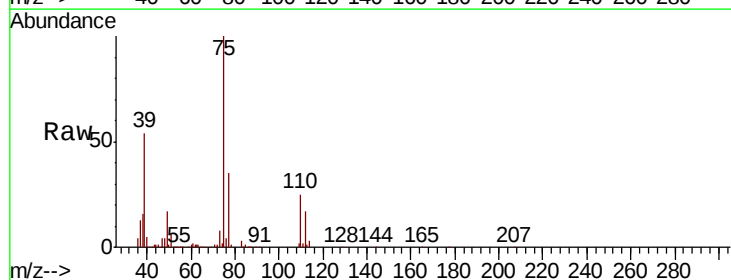
Tgt Ion: 75 Resp: 65869

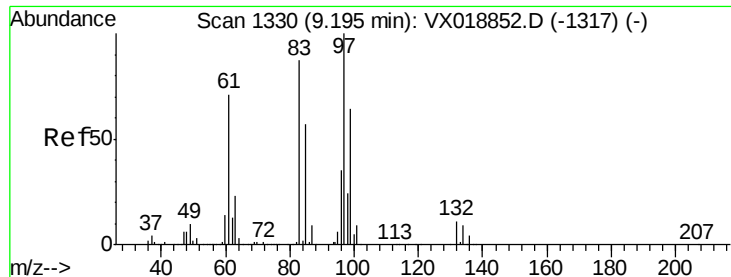
Ion Ratio Lower Upper

75 100

77 35.1 26.6 39.8

39 53.8 42.6 64.0

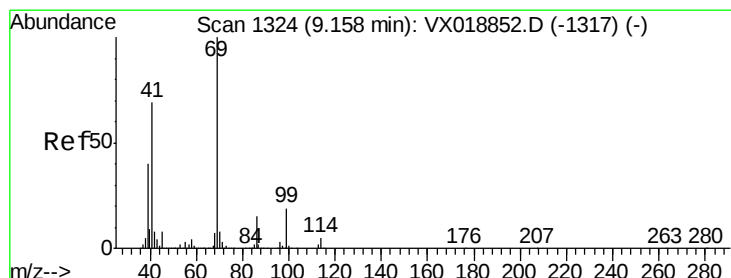
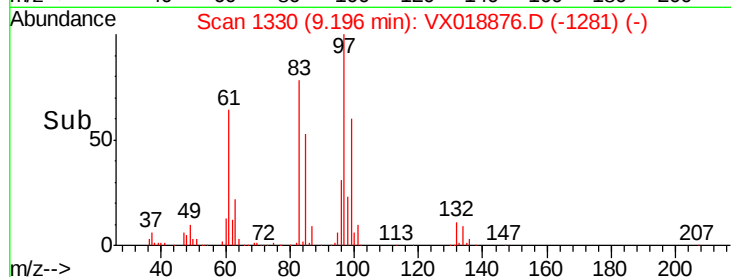
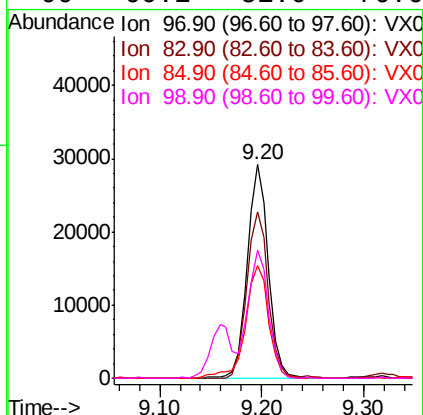
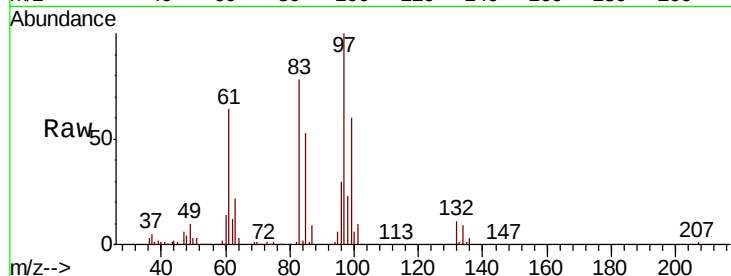




#55
 1,1,2-Trichloroethane
 Concen: 18.075 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

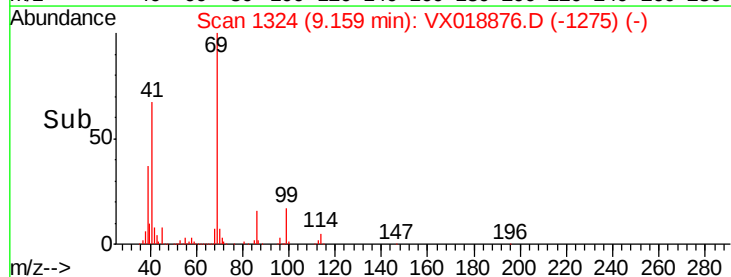
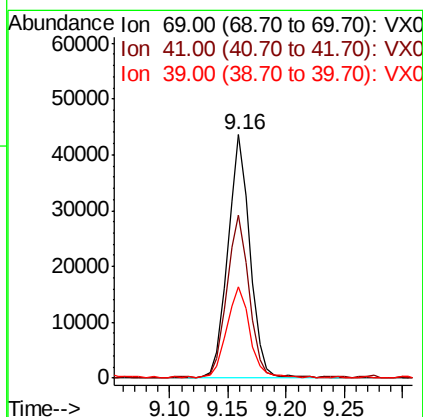
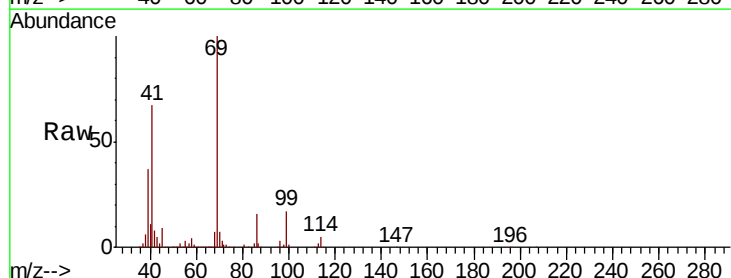
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

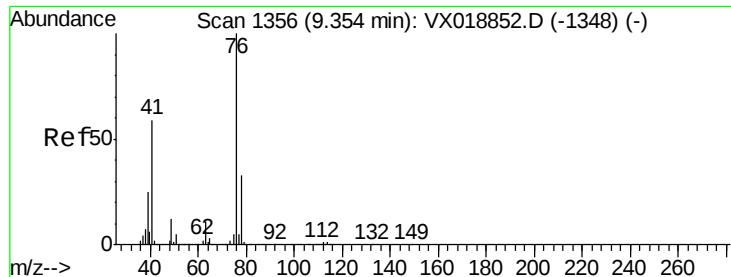
Tot Ion:	97	Resp:	41963
Ion	Ratio	Lower	Upper
97	100		
83	77.8	69.3	103.9
85	52.9	45.3	67.9
99	60.1	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 18.916 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Tgt Ion:	69	Resp:	57541
Ion	Ratio	Lower	Upper
69	100		
41	66.6	54.6	81.8
39	38.3	31.5	47.3





#57

1,3-Dichloropropane

Concen: 18.142 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

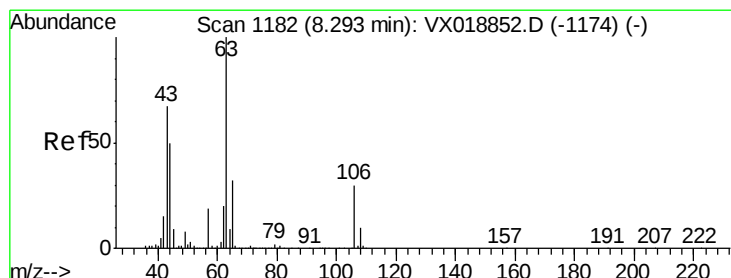
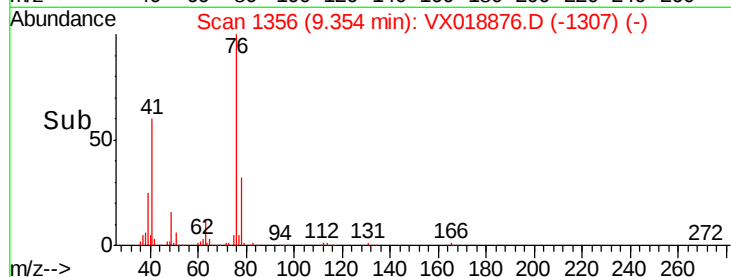
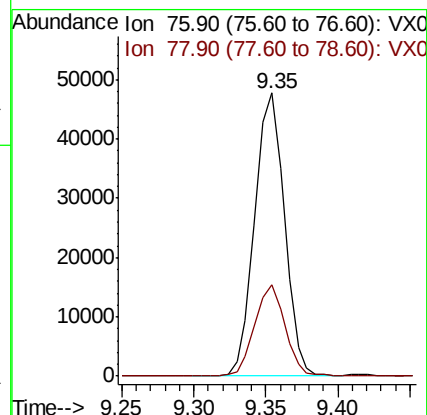
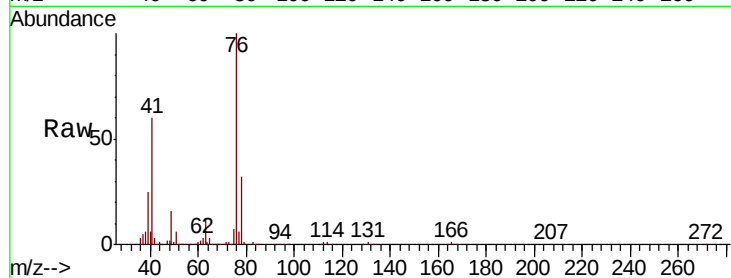
VX1009WBSD02

Tot Ion: 76 Resp: 68342

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 93.397 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018876.D

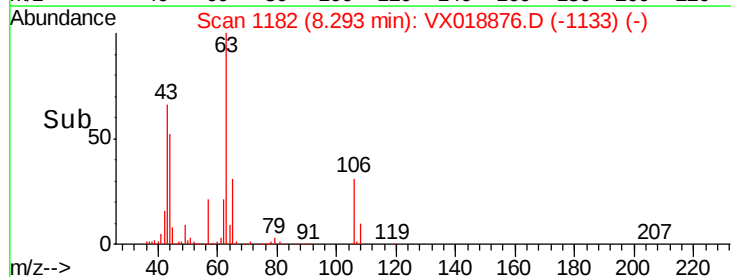
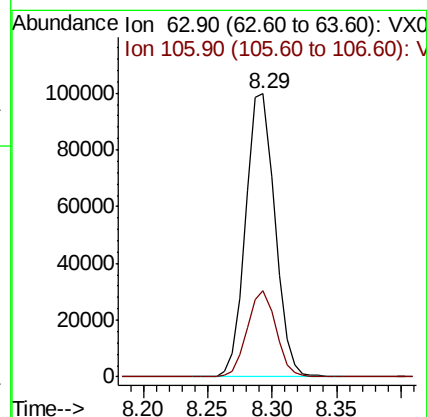
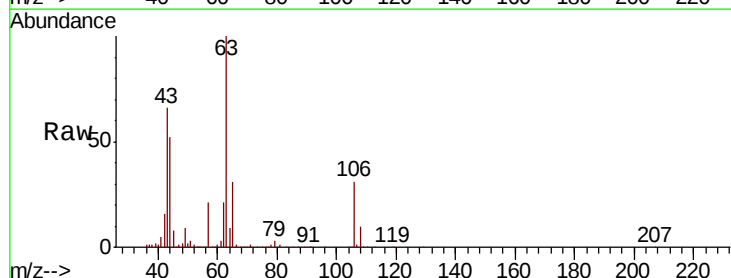
Acq: 10 Oct 2020 00:33

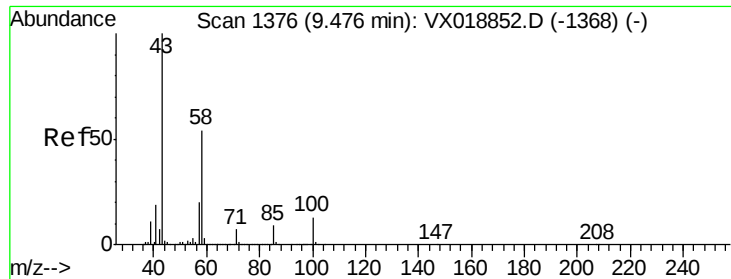
Tgt Ion: 63 Resp: 156881

Ion Ratio Lower Upper

63 100

106 29.9 24.2 36.4

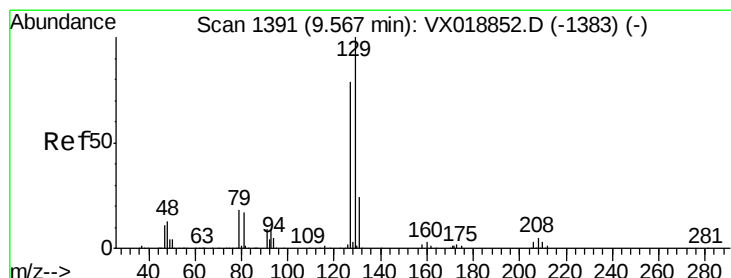
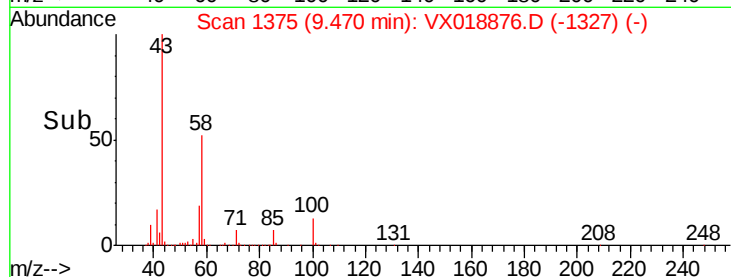
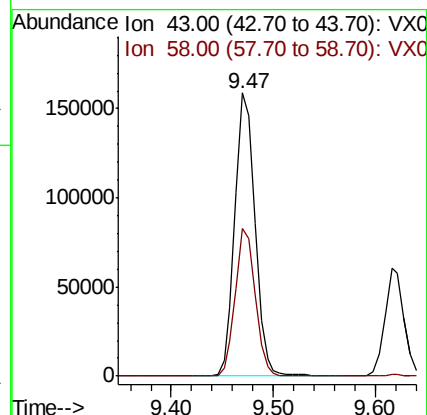
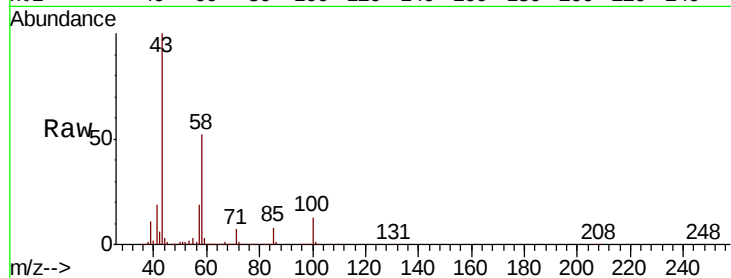




#59
2-Hexanone
Concen: 96.500 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

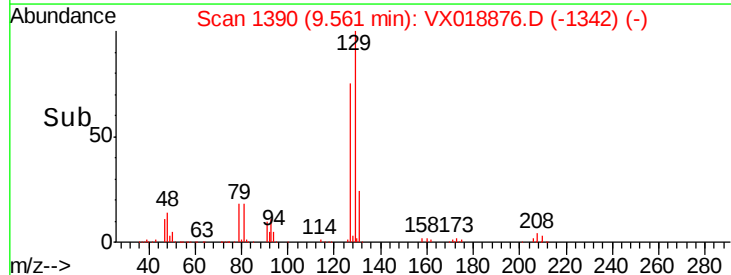
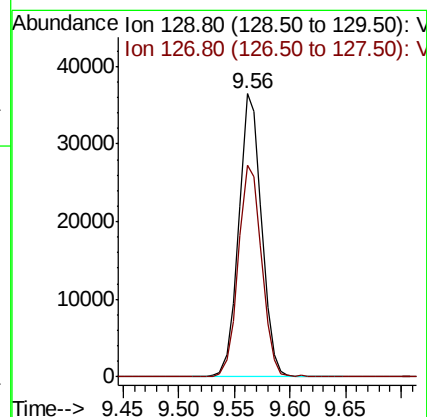
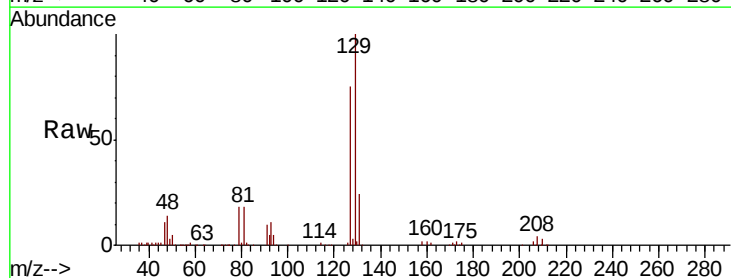
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

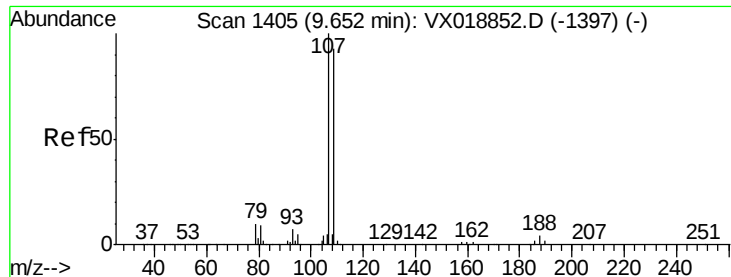
Tot Ion: 43 Resp: 215896
Ion Ratio Lower Upper
43 100
58 51.9 26.7 80.1



#60
Dibromochloromethane
Concen: 17.727 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion:129 Resp: 51663
Ion Ratio Lower Upper
129 100
127 76.6 39.5 118.5

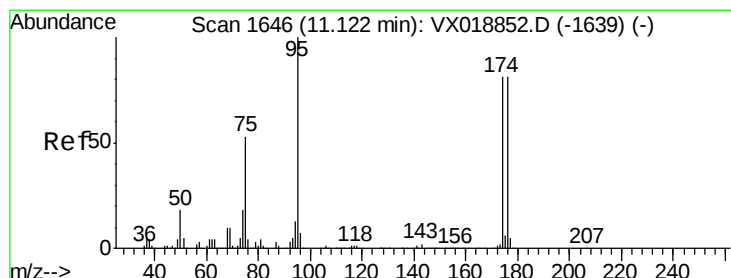
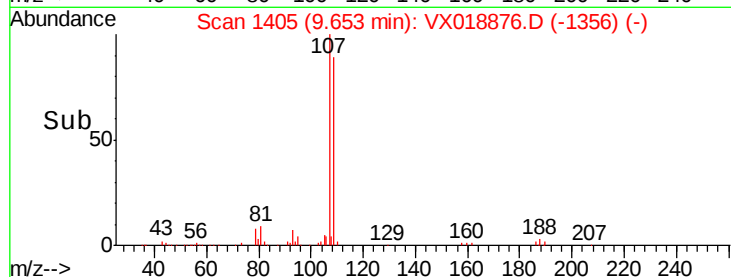
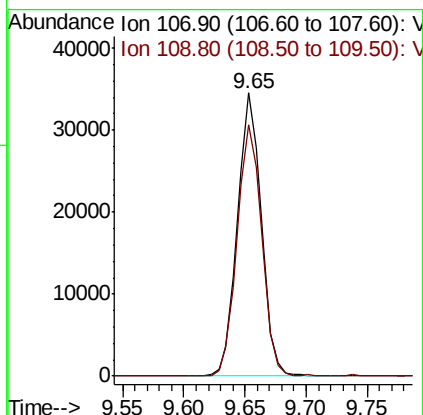
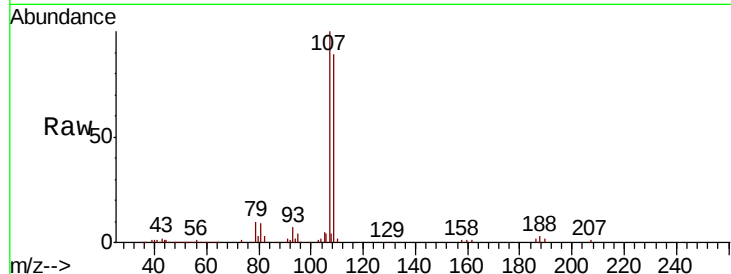




#61
 1,2-Dibromoethane
 Concen: 18.645 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

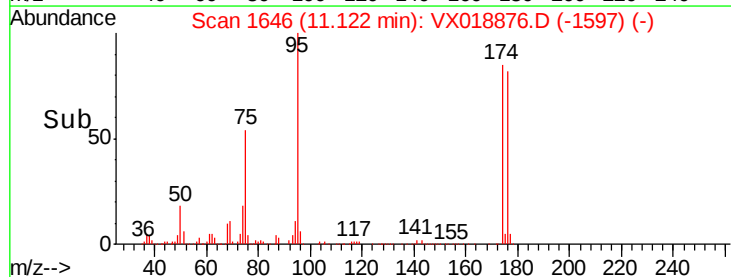
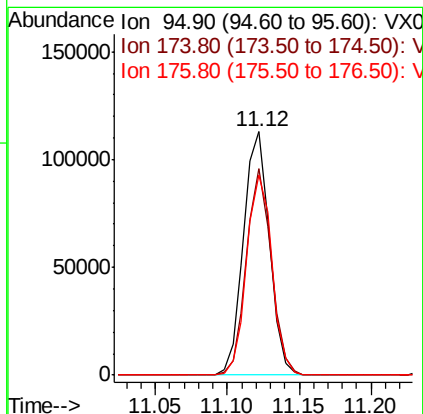
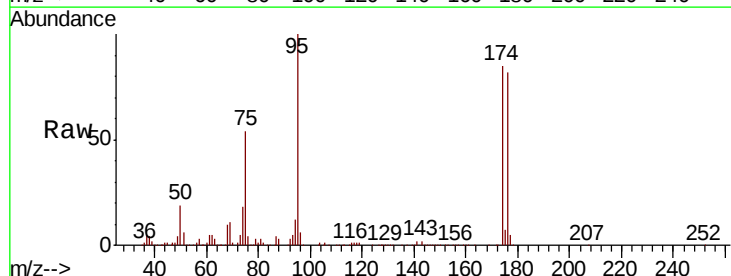
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

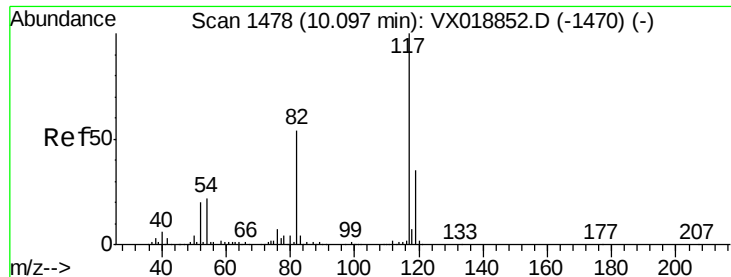
Tot Ion: 107 Resp: 46419
 Ion Ratio Lower Upper
 107 100
 109 91.8 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 48.136 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Tgt Ion: 95 Resp: 141409
 Ion Ratio Lower Upper
 95 100
 174 81.0 0.0 160.0
 176 79.9 0.0 161.2

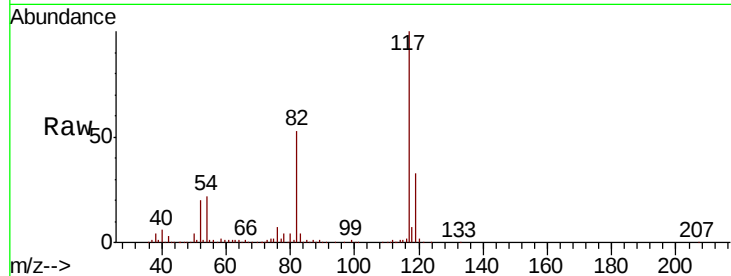




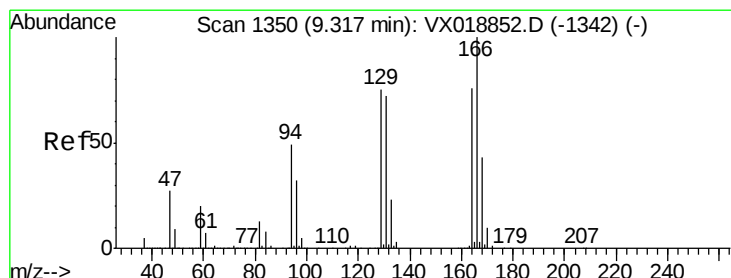
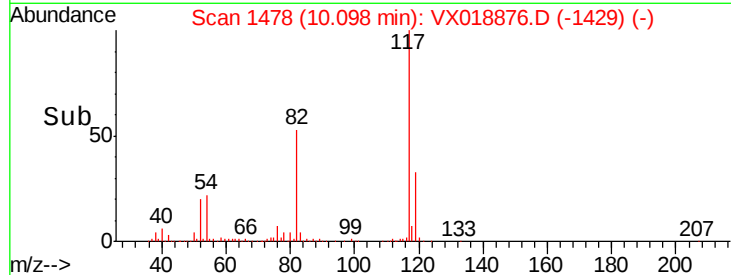
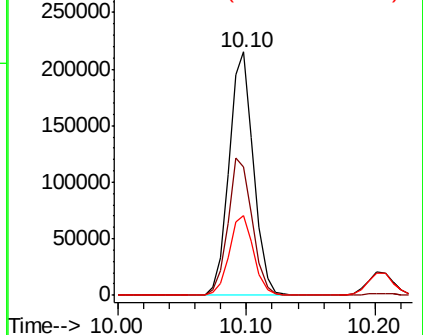
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion:117 Resp: 285090
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.2
119 32.9 28.3 42.5

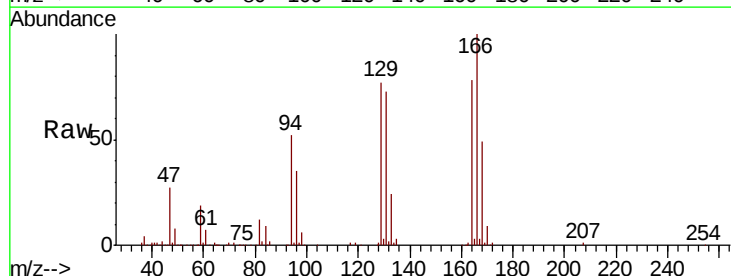


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

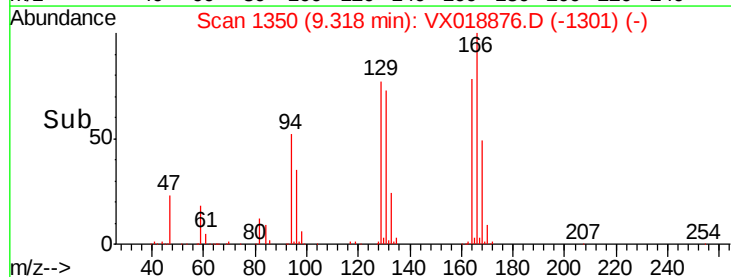
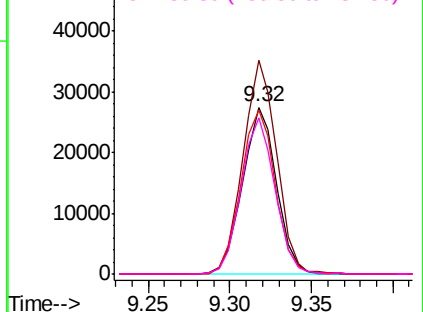


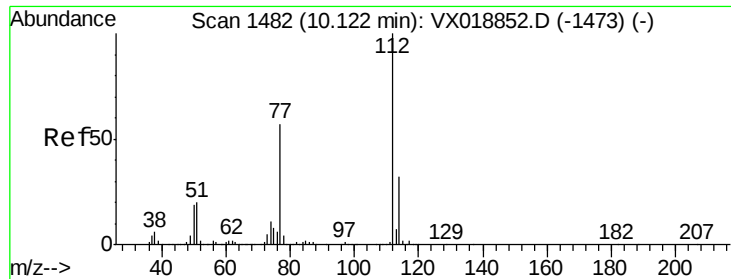
#64
Tetrachloroethene
Concen: 18.337 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion:164 Resp: 39733
Ion Ratio Lower Upper
164 100
166 128.0 105.4 158.0
129 98.0 79.0 118.6
131 93.7 75.7 113.5



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

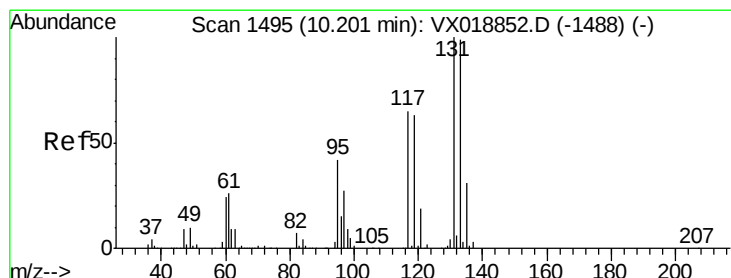
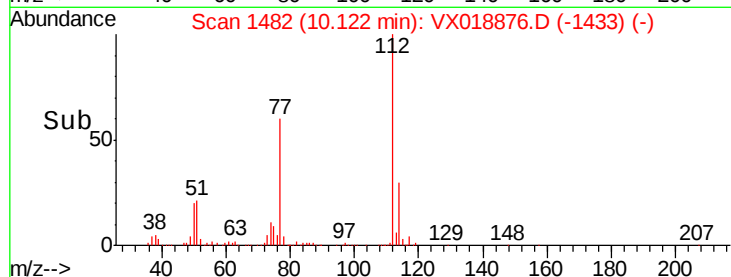
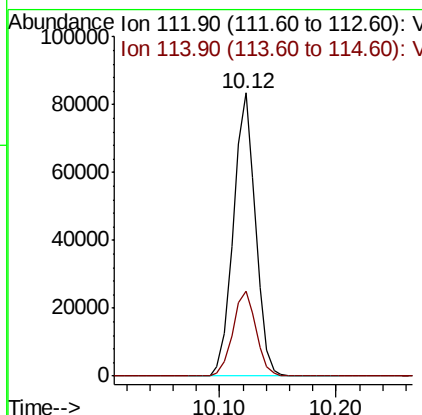
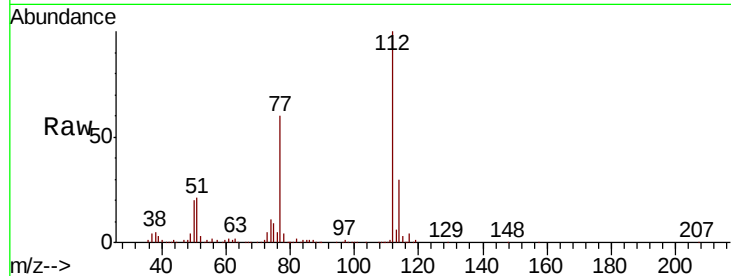




#65
Chlorobenzene
Concen: 17.919 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

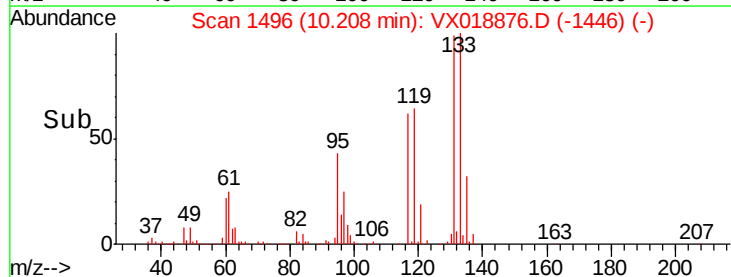
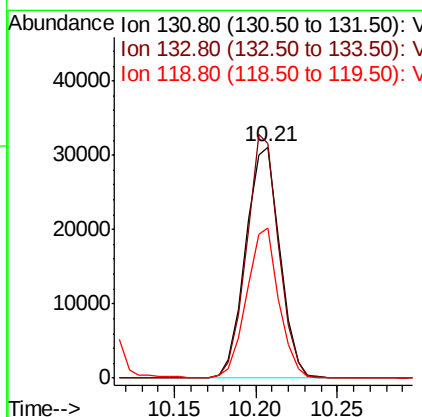
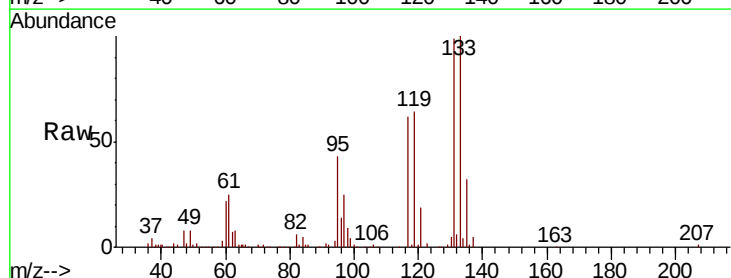
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

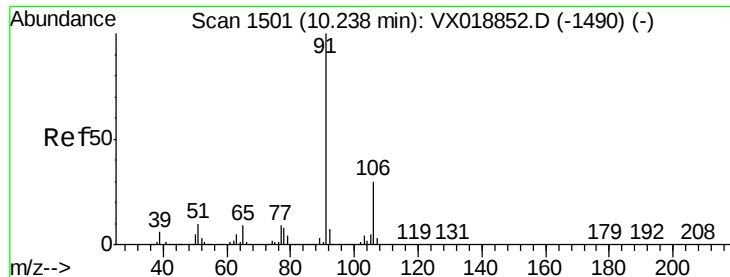
Tot Ion:112 Resp: 110398
Ion Ratio Lower Upper
112 100
114 30.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 17.891 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion:131 Resp: 45473
Ion Ratio Lower Upper
131 100
133 99.9 48.6 145.8
119 61.2 31.1 93.3





#67

Ethyl Benzene

Concen: 18.295 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

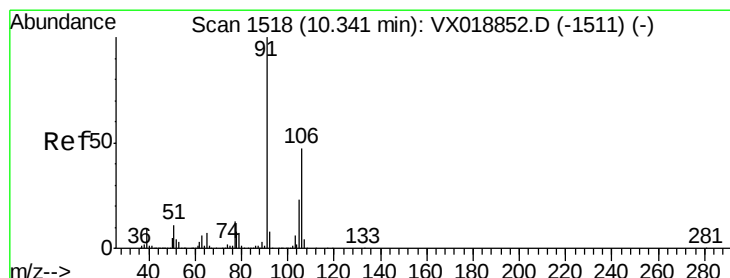
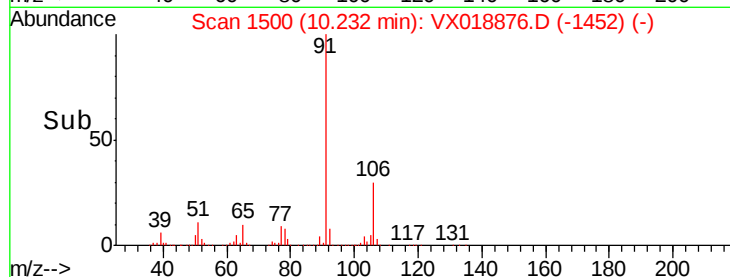
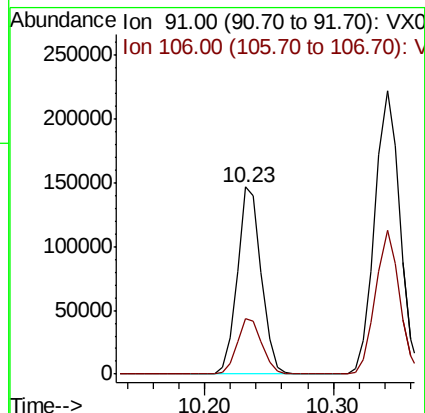
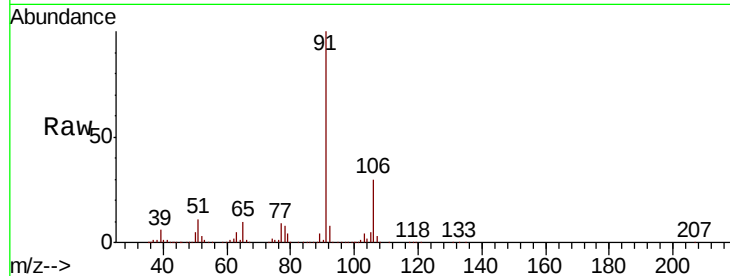
VX1009WBSD02

Tot Ion: 91 Resp: 190142

Ion Ratio Lower Upper

91 100

106 29.6 24.0 36.0



#68

m/p-Xylenes

Concen: 36.687 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018876.D

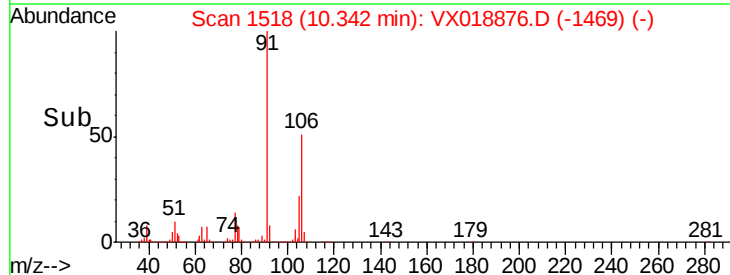
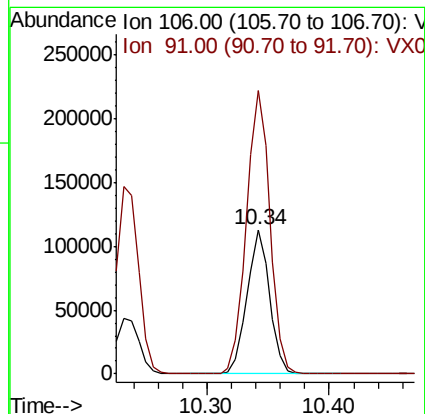
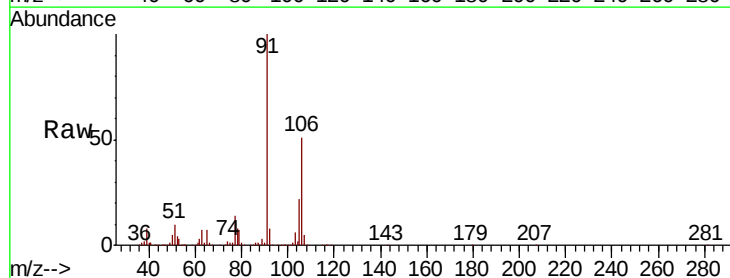
Acq: 10 Oct 2020 00:33

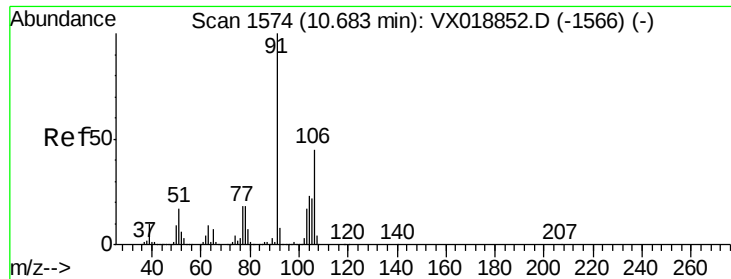
Tgt Ion: 106 Resp: 144867

Ion Ratio Lower Upper

106 100

91 204.1 165.6 248.4

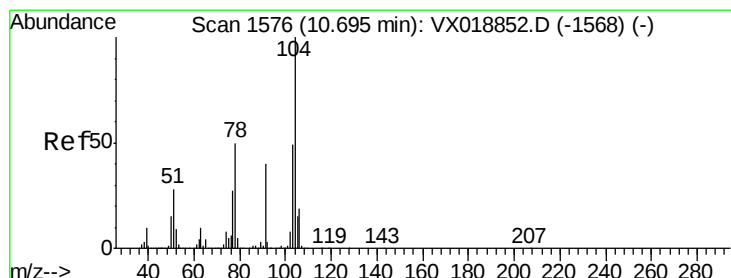
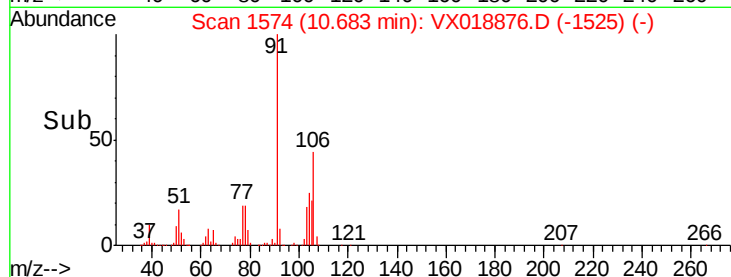
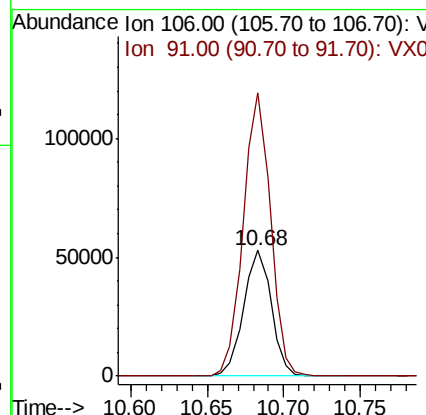
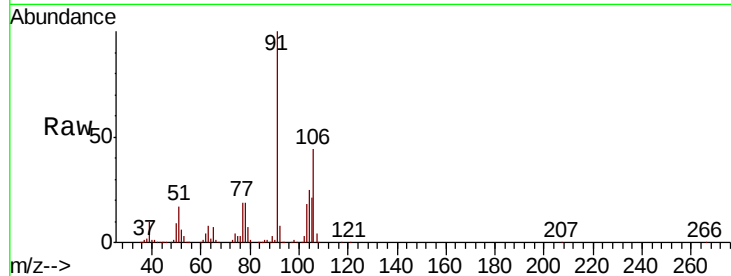




#69
o-Xylene
Concen: 17.941 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

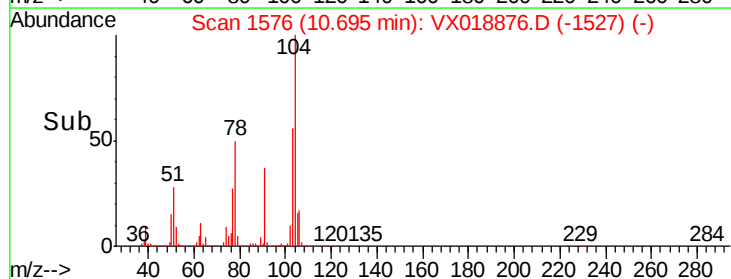
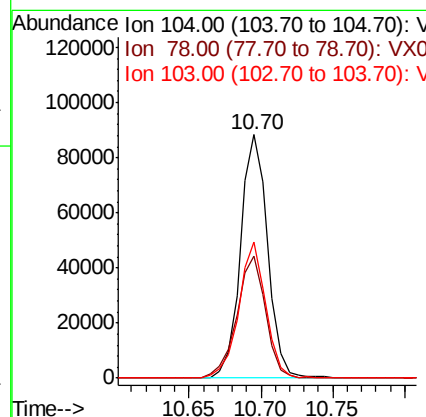
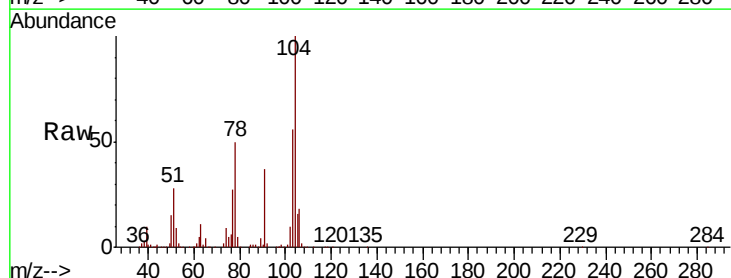
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

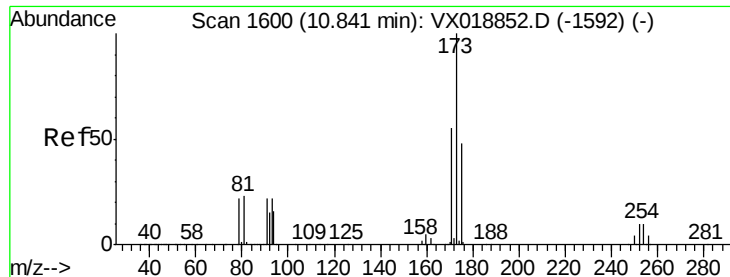
Tot Ion:106 Resp: 66745
Ion Ratio Lower Upper
106 100
91 221.8 109.9 329.6



#70
Styrene
Concen: 18.348 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion:104 Resp: 115559
Ion Ratio Lower Upper
104 100
78 53.7 43.5 65.3
103 56.2 43.3 64.9





#71

Bromoform

Concen: 17.555 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

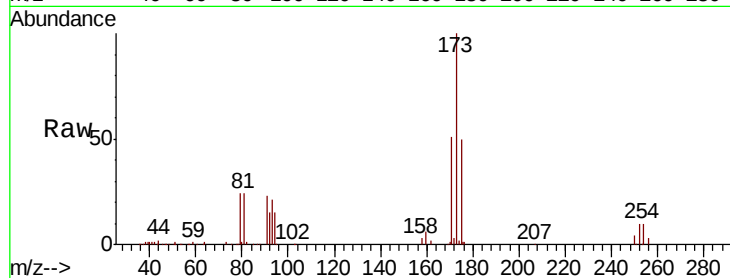
Tot Ion:173 Resp: 38593

Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.4	70.0
254	0.0	0.0	0.0

173 100

175 47.9 23.4 70.0

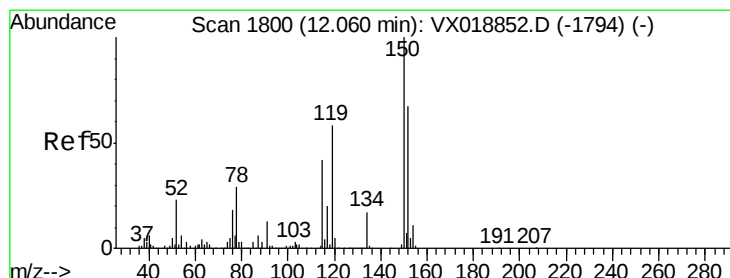
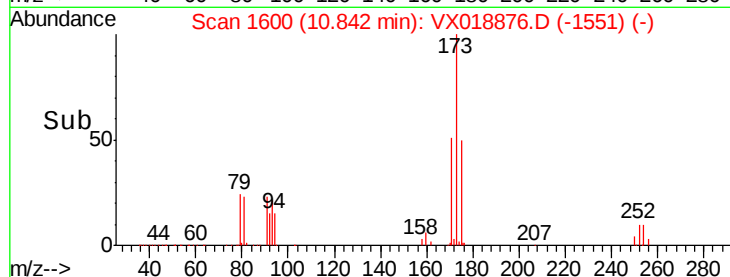
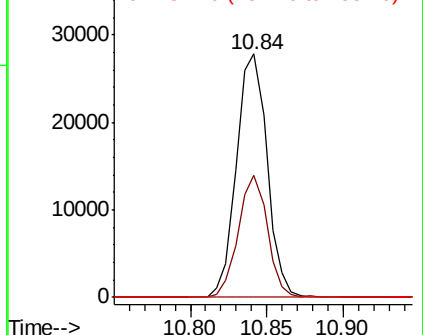
254 0.0 0.0 0.0



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: VX018876.D

Acq: 10 Oct 2020 00:33

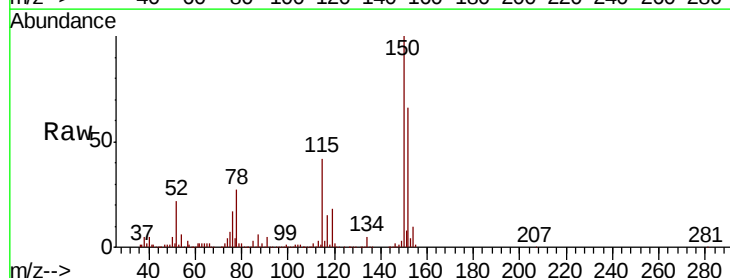
Tgt Ion:152 Resp: 158387

Ion	Ratio	Lower	Upper
152	100		
115	69.2	41.8	125.4
150	160.1	0.0	347.6

152 100

115 69.2 41.8 125.4

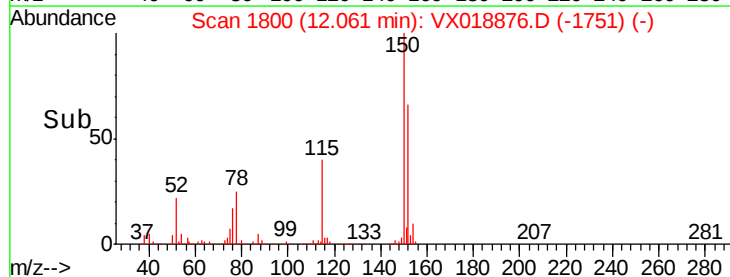
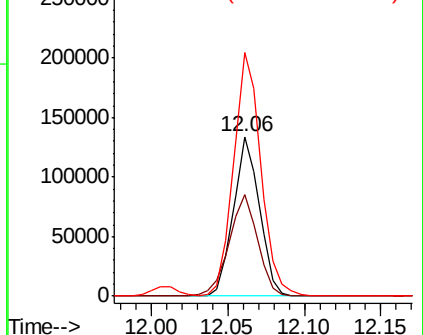
150 160.1 0.0 347.6

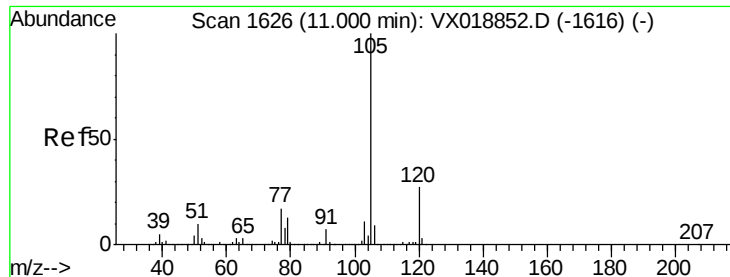


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.333 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

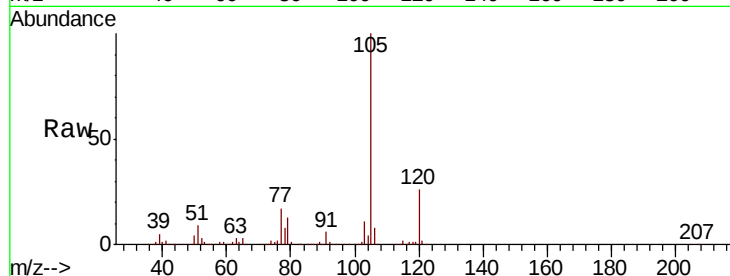
VX1009WBSD02

Tot Ion:105 Resp: 189945

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

50000

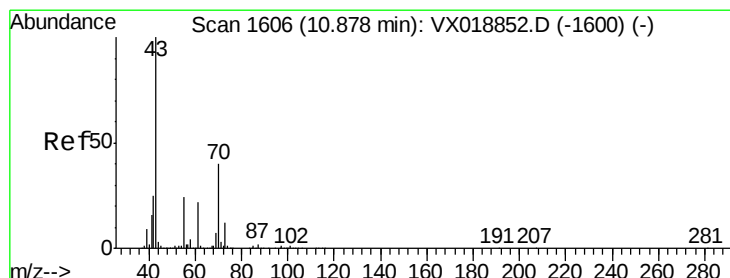
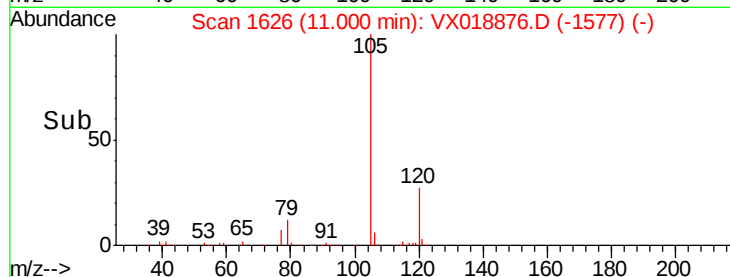
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 18.647 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Tgt Ion: 43 Resp: 76437

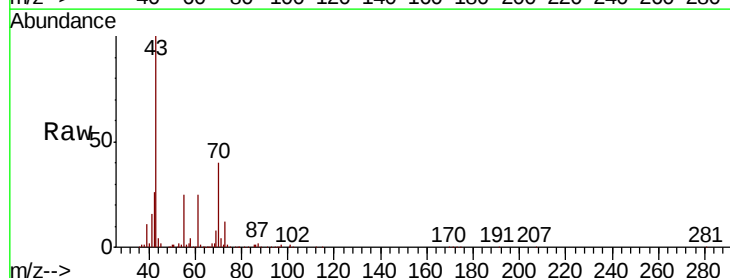
Ion Ratio Lower Upper

43 100

70 42.5 33.7 50.5

55 26.0 19.8 29.8

61 24.5 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

100000

80000

60000

40000

20000

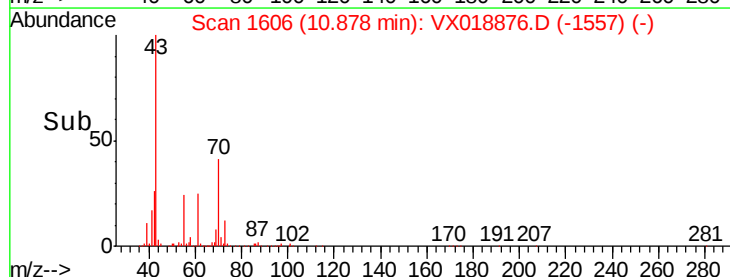
0

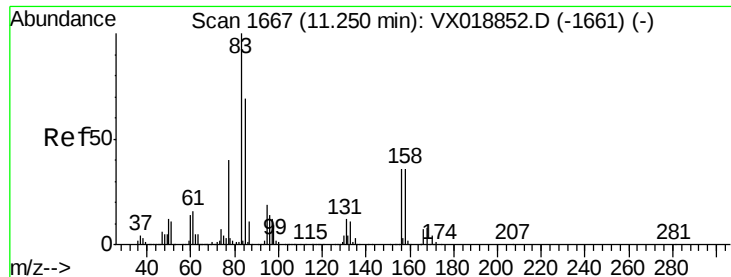
10.88

10.85

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.369 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

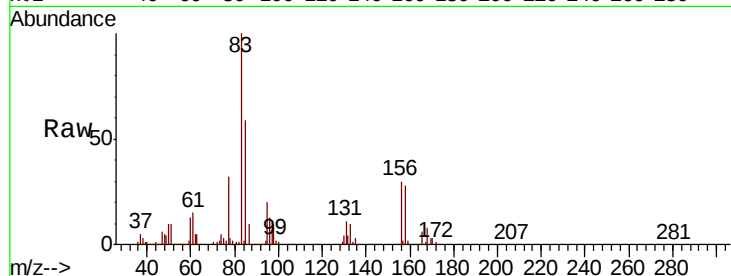
Tot Ion: 83 Resp: 63435

Ion Ratio Lower Upper

83 100

131 11.0 5.9 17.8

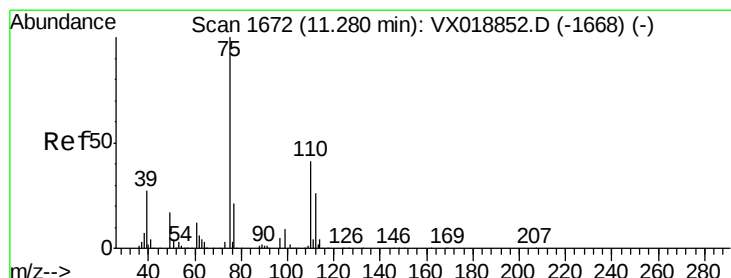
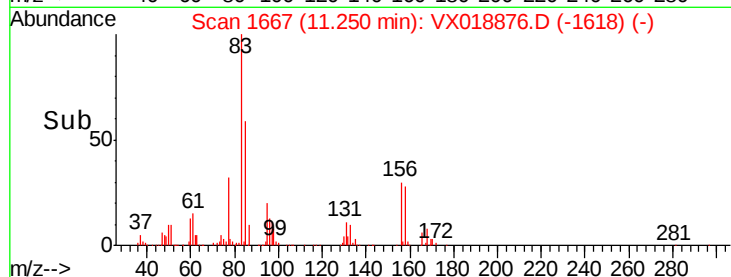
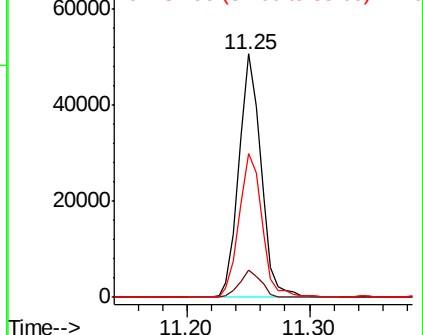
85 61.4 33.0 98.9



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: 22.075 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018876.D

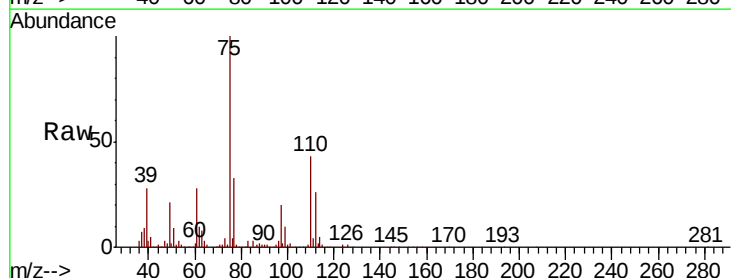
Acq: 10 Oct 2020 00:33

Tgt Ion: 75 Resp: 75337

Ion Ratio Lower Upper

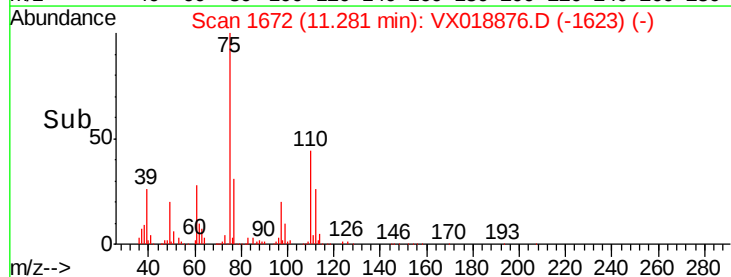
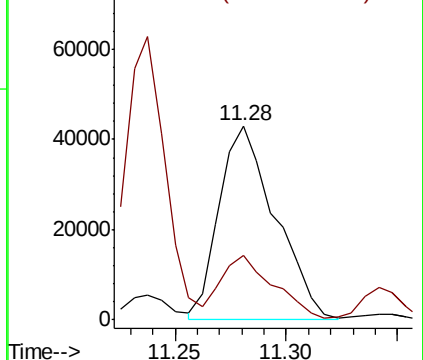
75 100

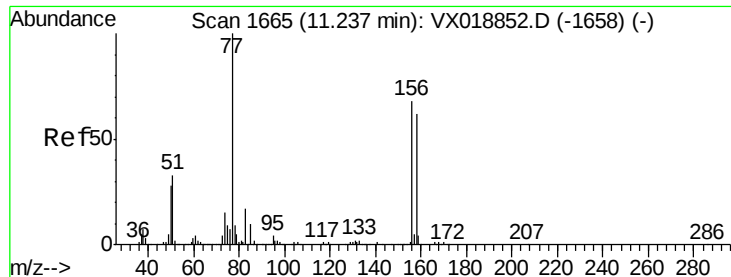
77 31.1 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.924 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

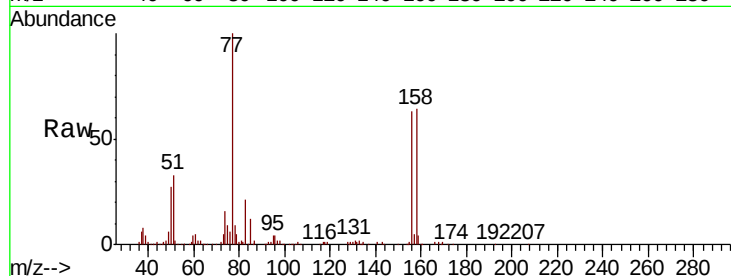
Tot Ion:156 Resp: 51014

Ion Ratio Lower Upper

156 100

77 155.9 76.0 228.1

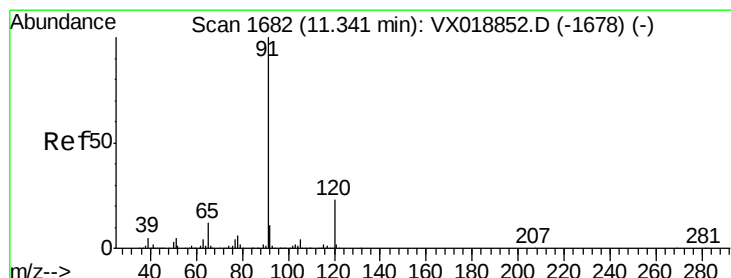
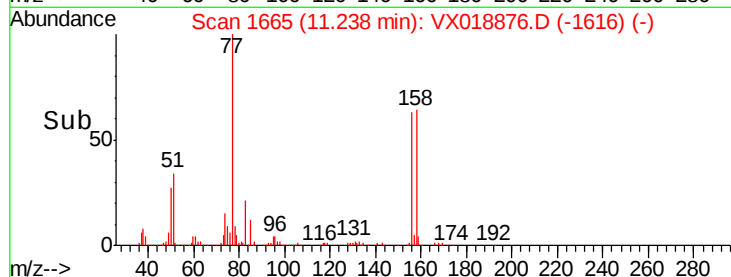
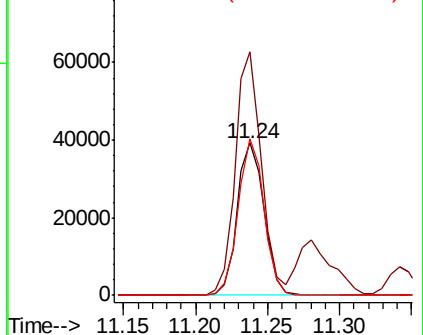
158 99.3 47.2 141.6



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: 18.028 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018876.D

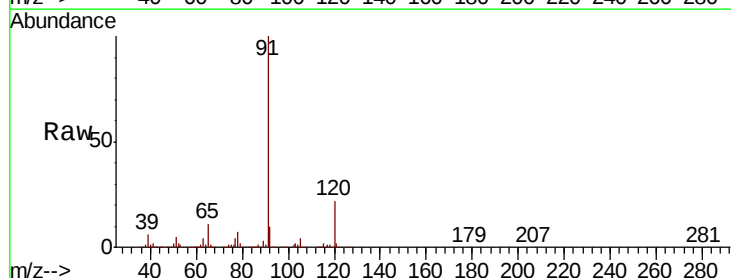
Acq: 10 Oct 2020 00:33

Tgt Ion: 91 Resp: 212836

Ion Ratio Lower Upper

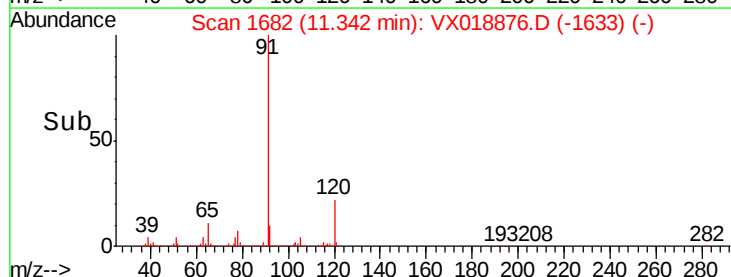
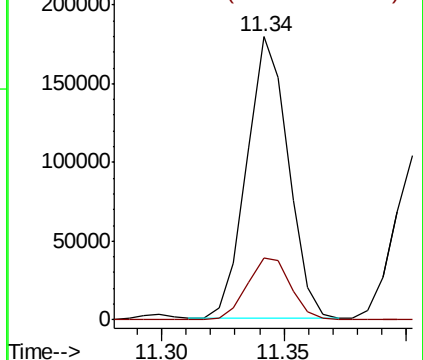
91 100

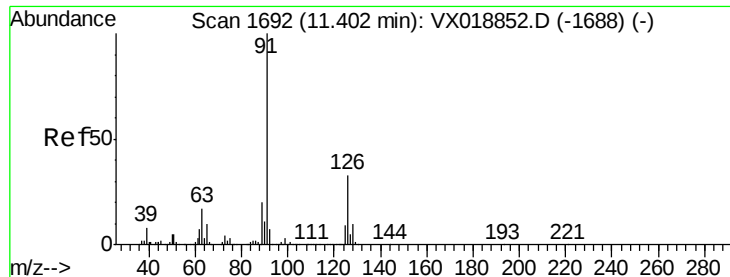
120 23.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.867 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

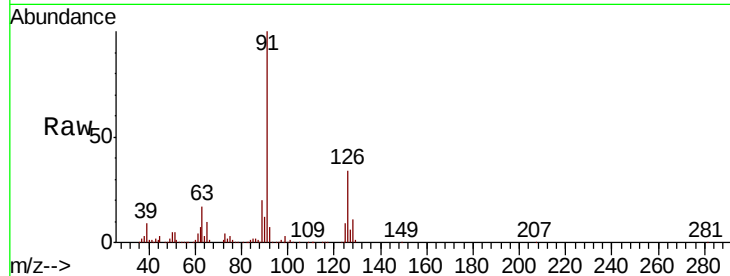
VX1009WBSD02

Tot Ion: 91 Resp: 131487

Ion Ratio Lower Upper

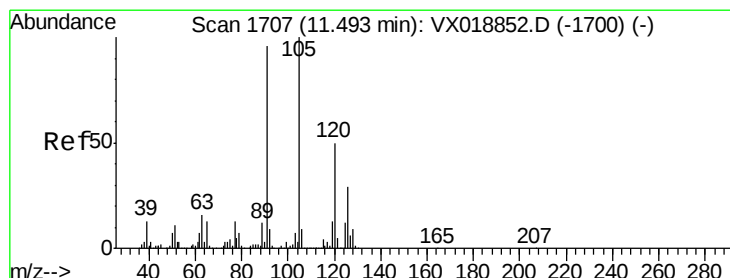
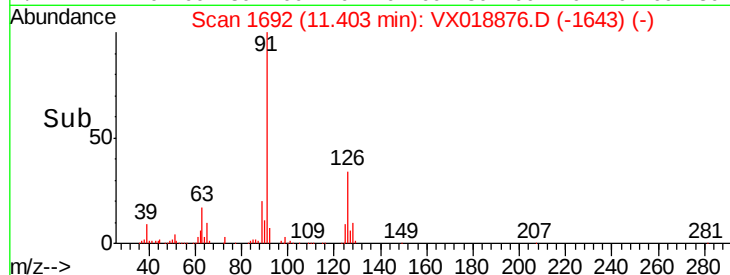
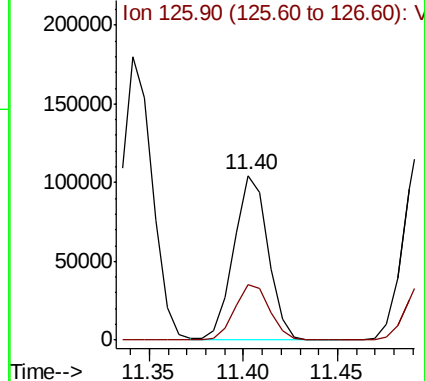
91 100

126 34.4 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VX018852.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX018852.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.583 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018876.D

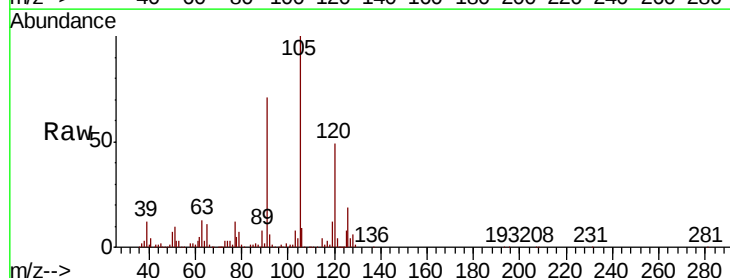
Acq: 10 Oct 2020 00:33

Tgt Ion:105 Resp: 164693

Ion Ratio Lower Upper

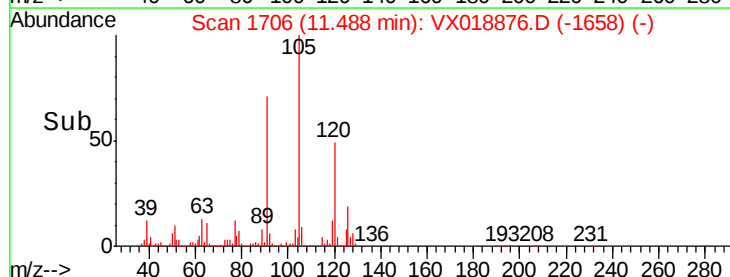
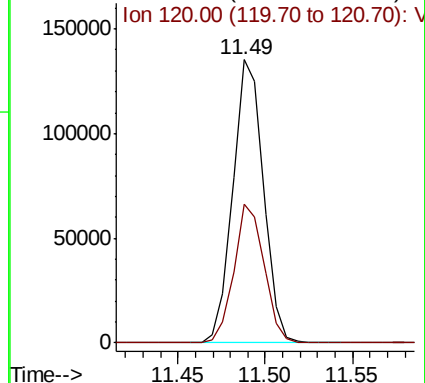
105 100

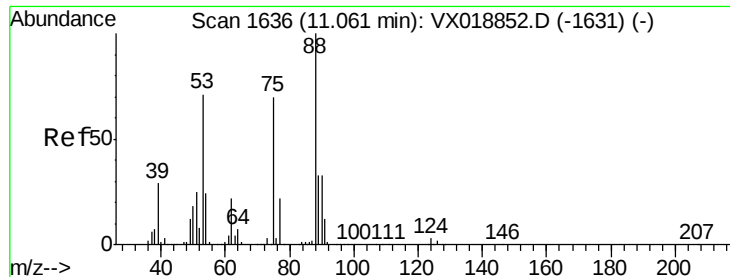
120 48.4 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VX018852.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX018852.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.569 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampled :

VX1009WBSD02

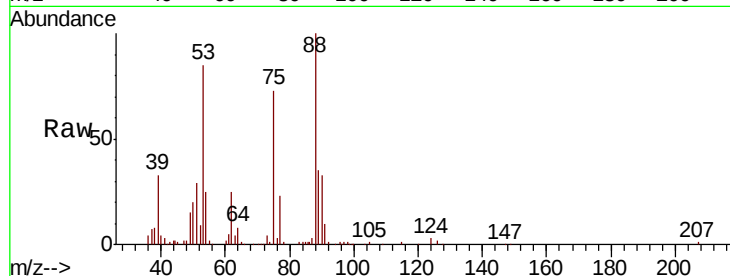
Tot Ion: 75 Resp: 19953

Ion Ratio Lower Upper

75 100

53 109.0 85.0 127.4

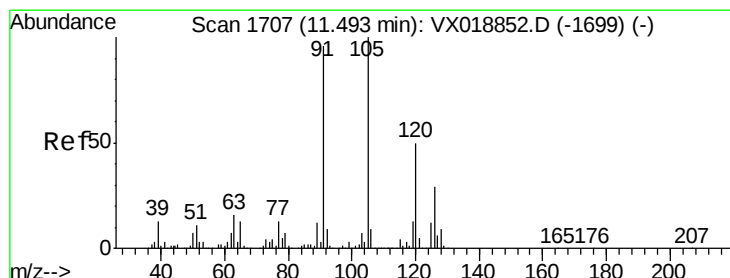
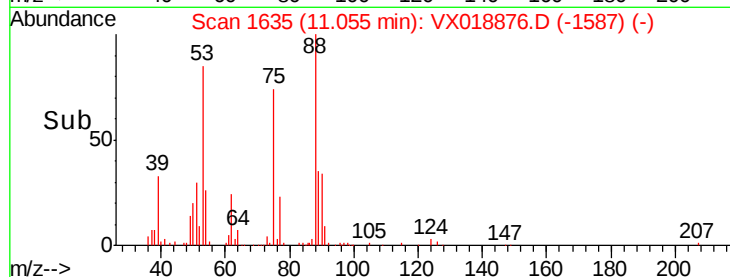
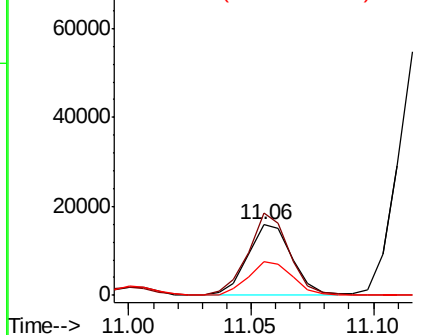
89 48.5 39.0 58.4



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



#82

4-Chlorotoluene

Concen: 18.266 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018876.D

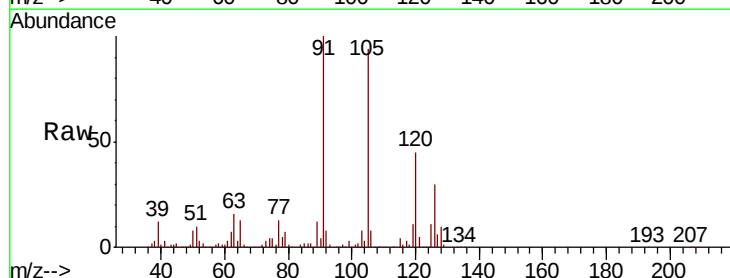
Acq: 10 Oct 2020 00:33

Tgt Ion: 91 Resp: 159836

Ion Ratio Lower Upper

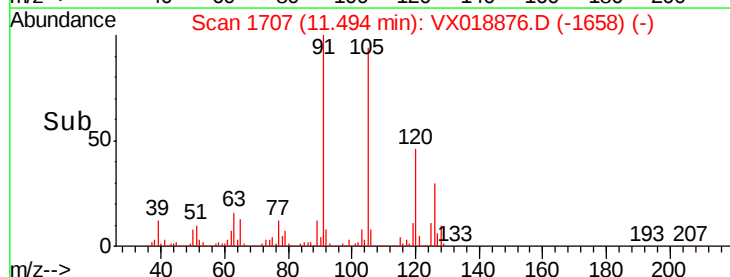
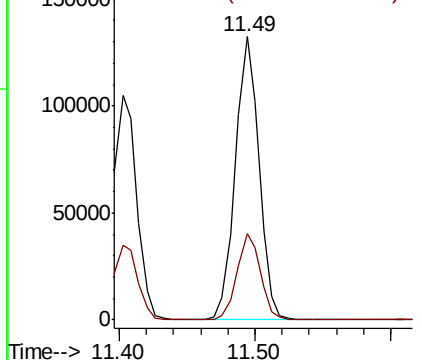
91 100

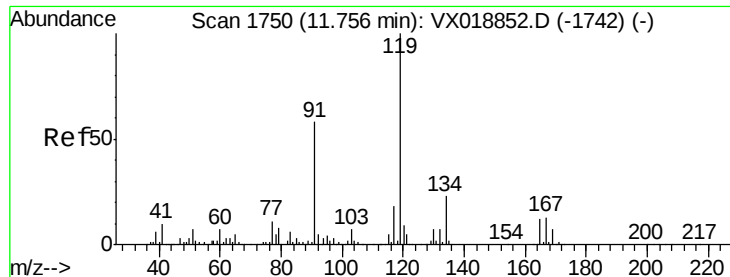
126 30.2 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

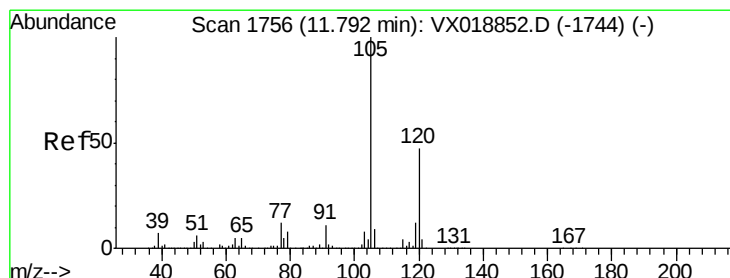
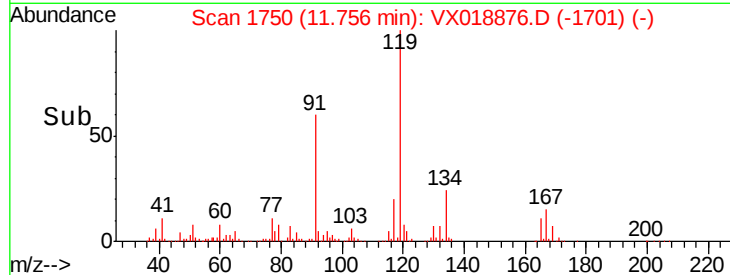
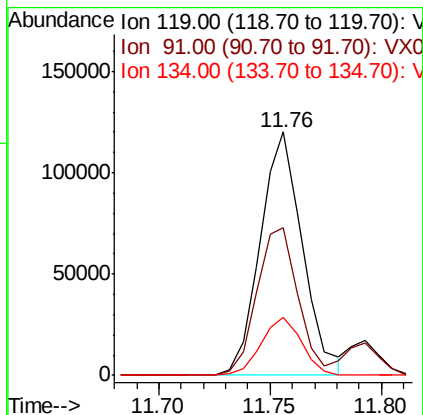
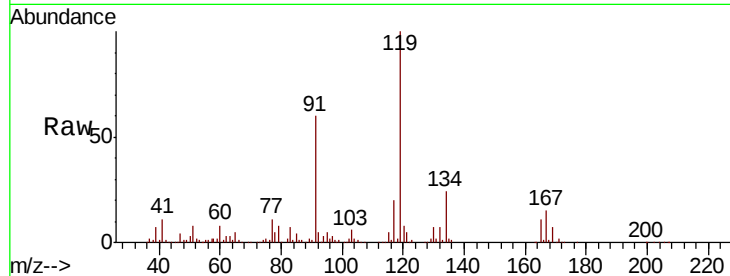




#83
 tert-Butylbenzene
 Concen: 17.829 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

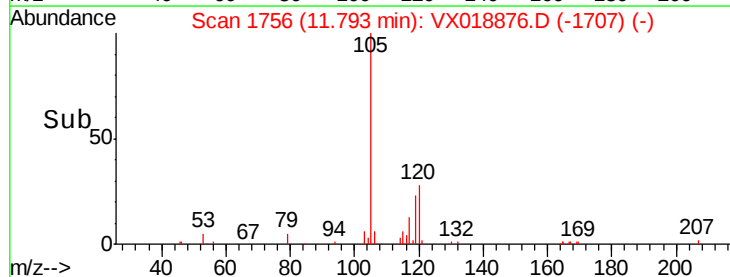
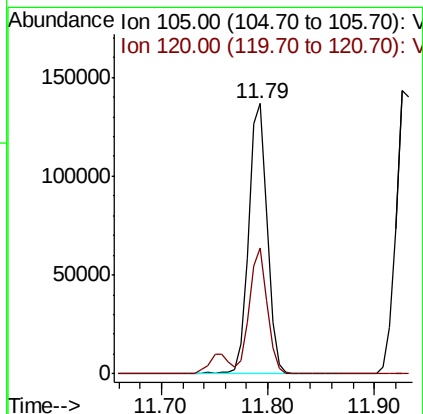
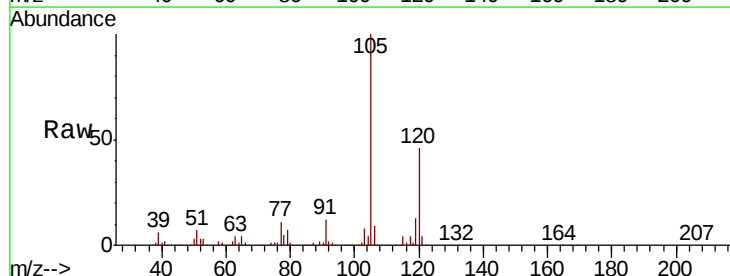
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

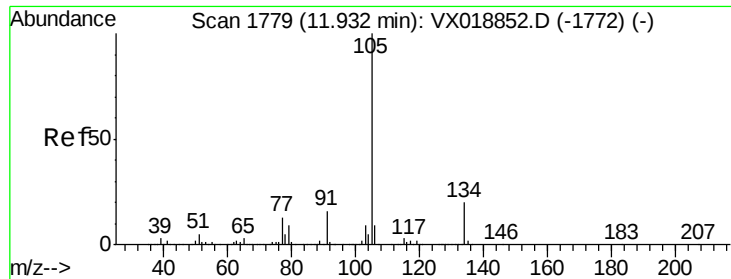
Tot Ion:119 Resp: 158239
 Ion Ratio Lower Upper
 119 100
 91 59.2 28.6 85.9
 134 22.9 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.597 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Tgt Ion:105 Resp: 167545
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.6 67.8

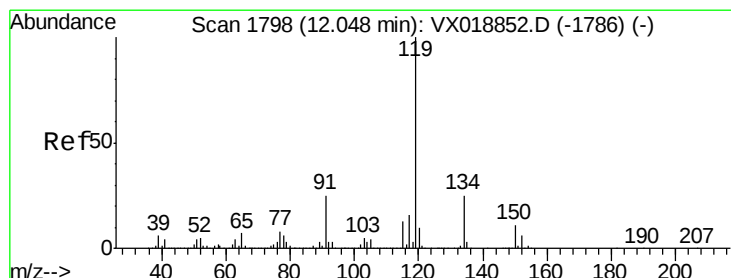
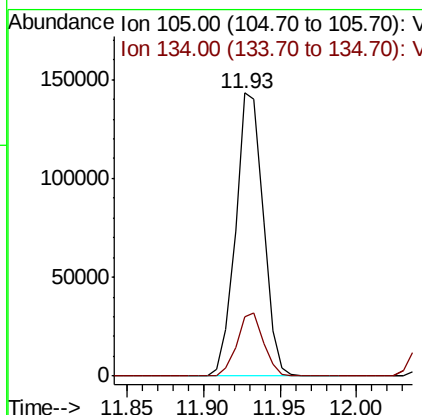
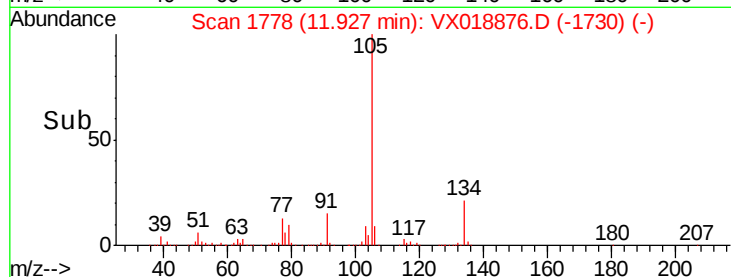
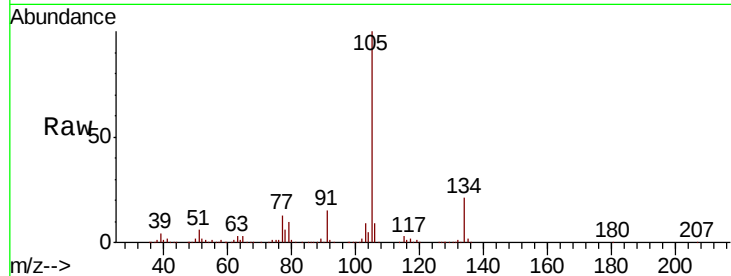




#85
 sec-Butylbenzene
 Concen: 17.889 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

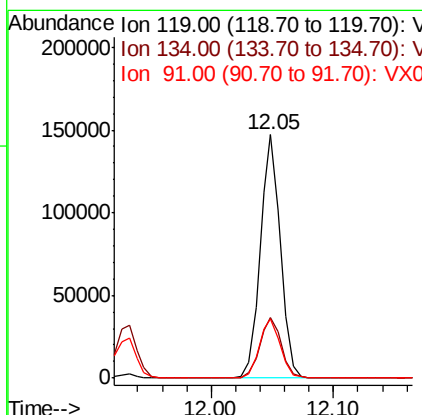
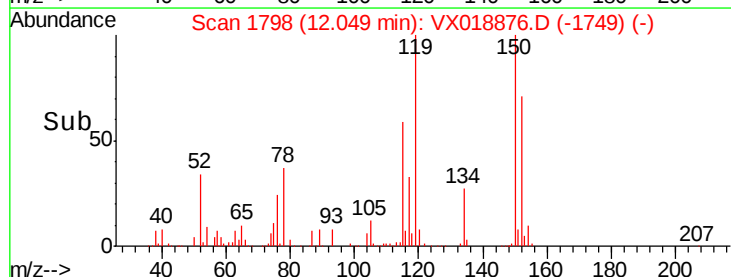
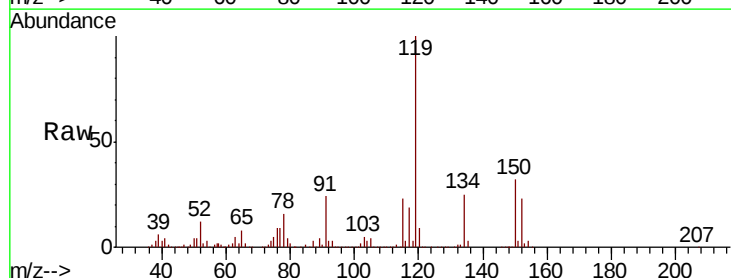
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

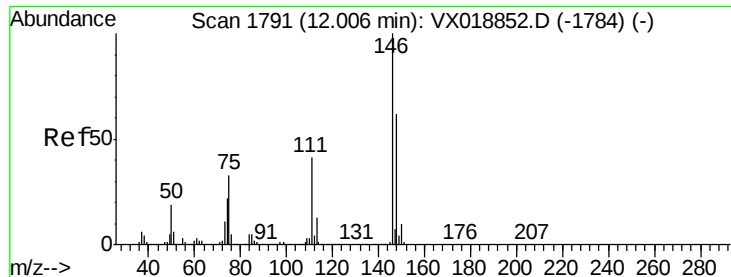
Tot Ion:105 Resp: 178868
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 17.853 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Tgt Ion:119 Resp: 169351
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.4
 91 25.4 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 17.993 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

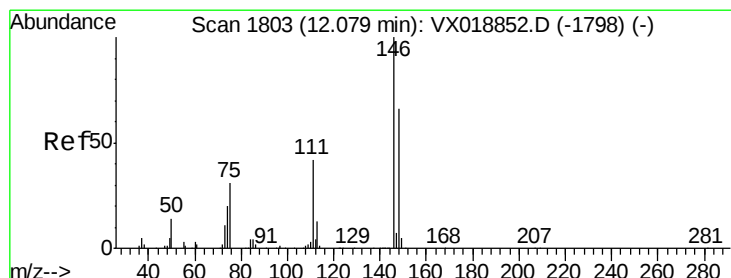
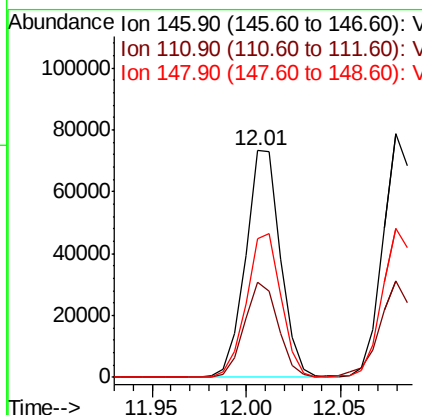
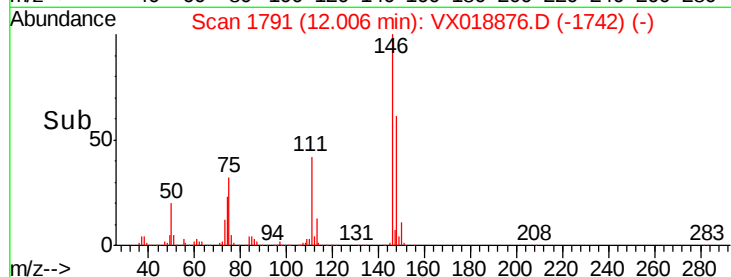
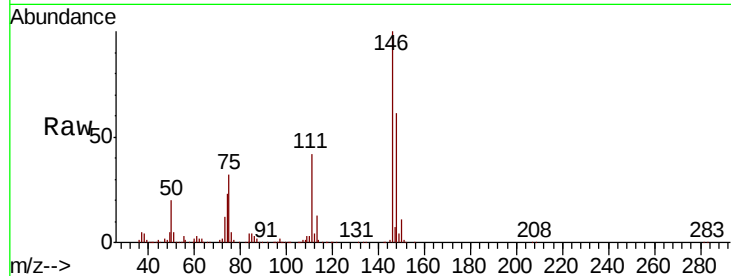
Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion:146 Resp: 94051

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.0	59.9
148	63.1	31.4	94.3



#88

1,4-Dichlorobenzene

Concen: 17.929 ug/l

RT: 12.08 min Scan# 1803

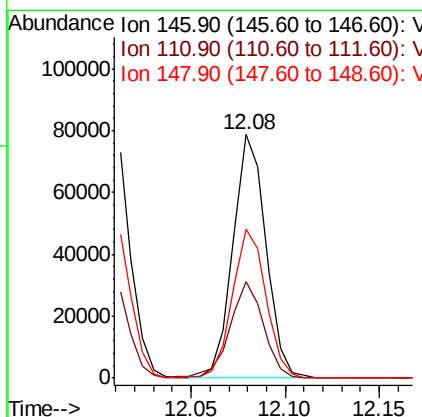
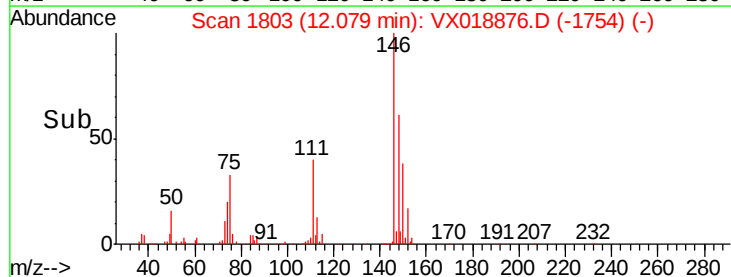
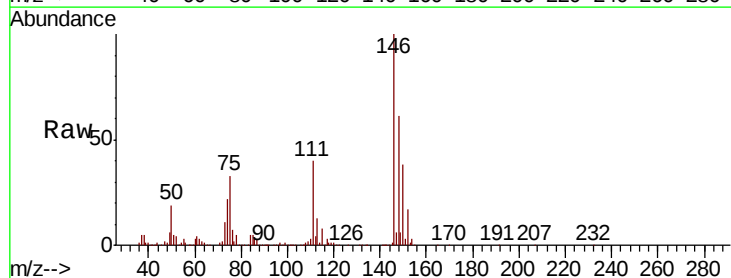
Delta R.T. 0.00 min

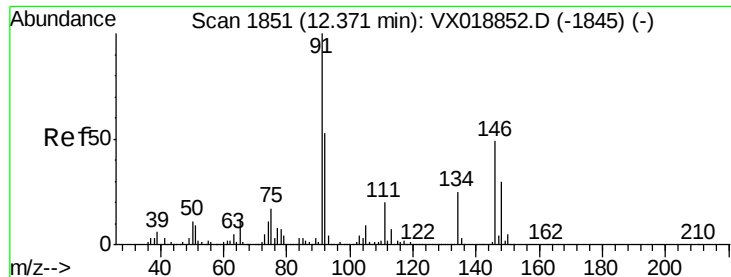
Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Tgt Ion:146 Resp: 94926

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.5	61.5
148	63.1	32.2	96.6





#89

n-Butylbenzene

Concen: 16.951 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampled :

VX1009WBSD02

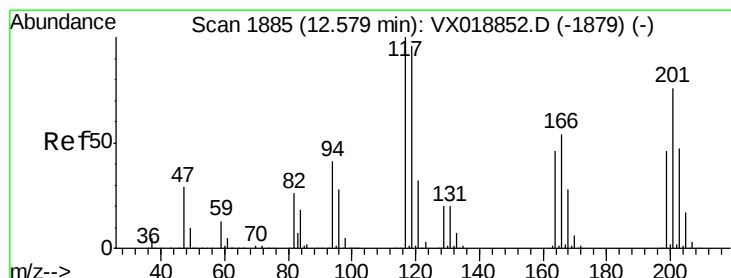
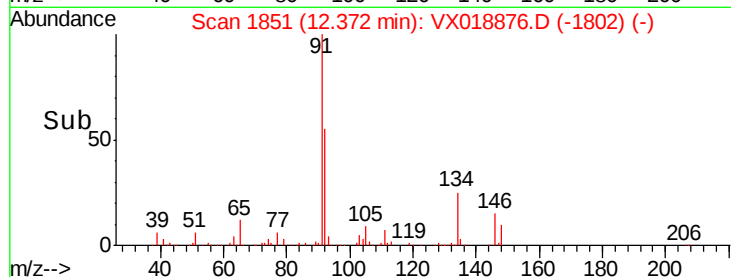
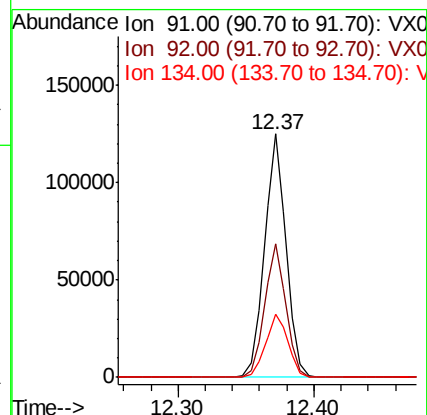
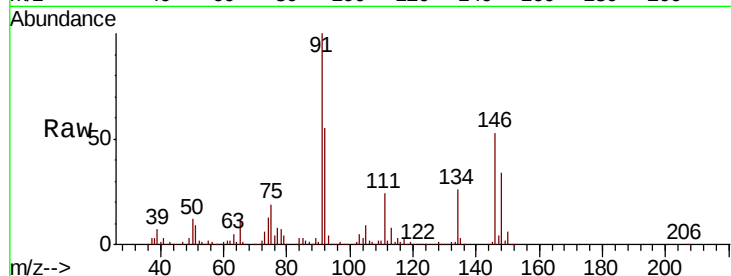
Tot Ion: 91 Resp: 139703

Ion Ratio Lower Upper

91 100

92 54.1 26.7 80.0

134 26.8 13.5 40.4



#90

Hexachloroethane

Concen: 16.552 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018876.D

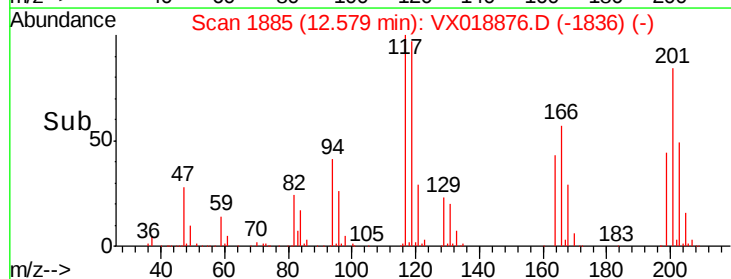
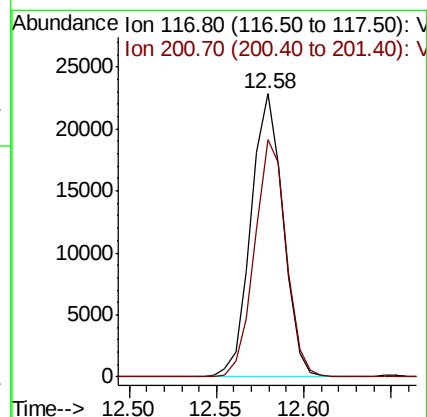
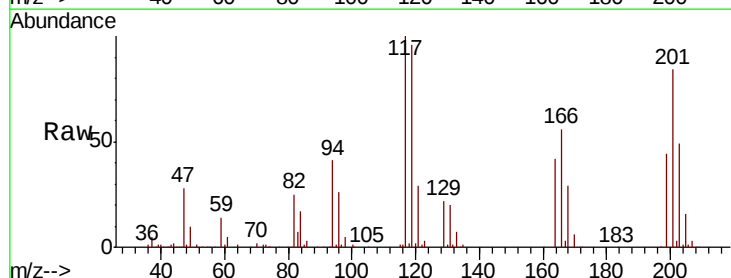
Acq: 10 Oct 2020 00:33

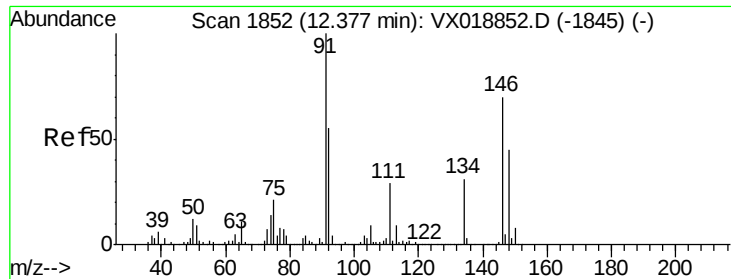
Tgt Ion: 117 Resp: 29189

Ion Ratio Lower Upper

117 100

201 82.3 37.4 112.2

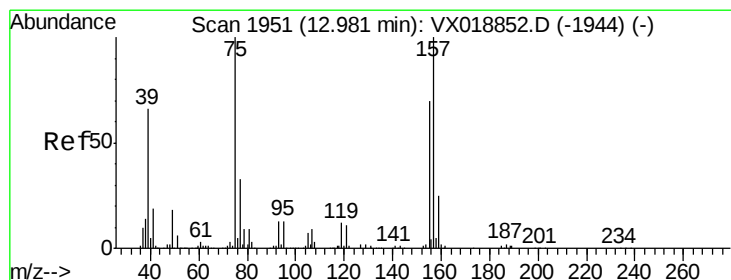
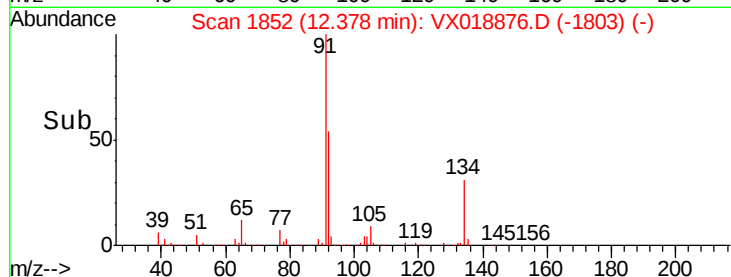
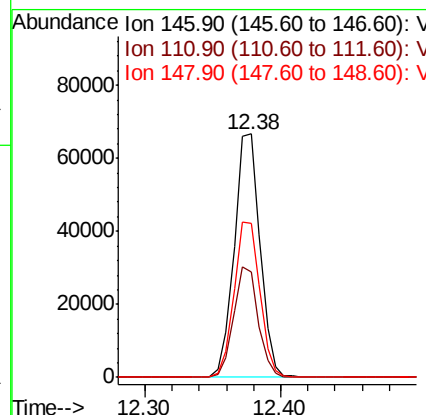
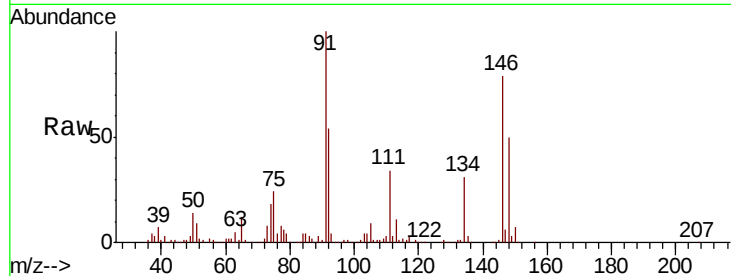




#91
1,2-Dichlorobenzene
Concen: 17.689 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

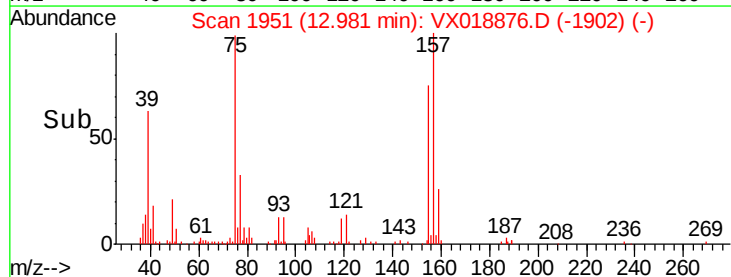
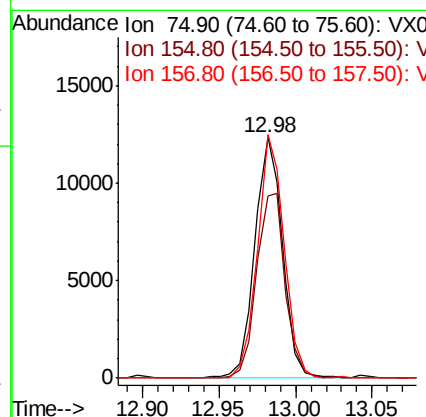
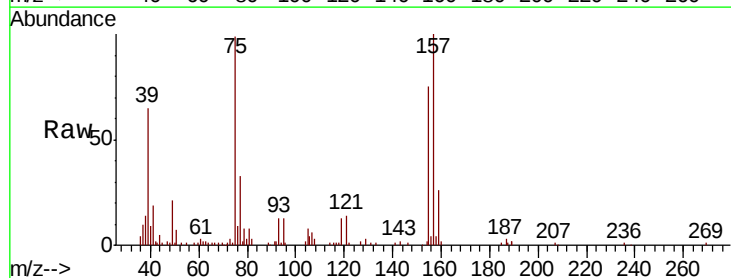
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

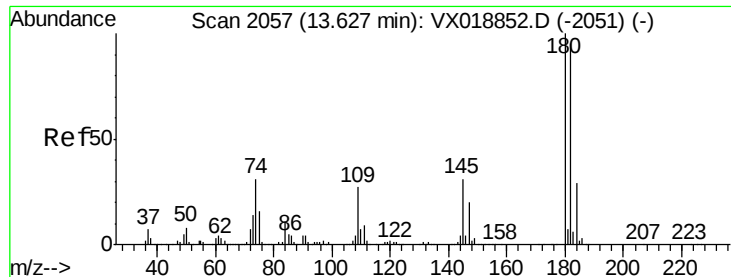
Tot Ion:146 Resp: 88011
Ion Ratio Lower Upper
146 100
111 43.2 20.6 61.9
148 63.8 31.1 93.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.566 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion: 75 Resp: 15514
Ion Ratio Lower Upper
75 100
155 79.3 38.0 113.9
157 97.5 50.9 152.7

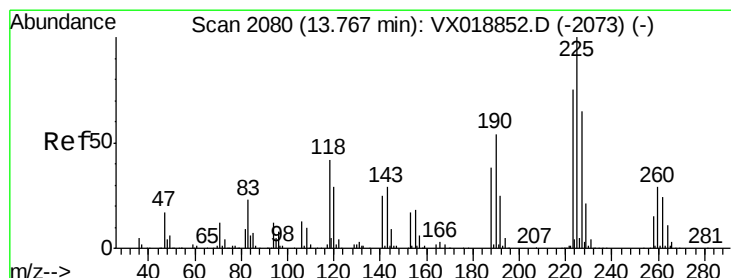
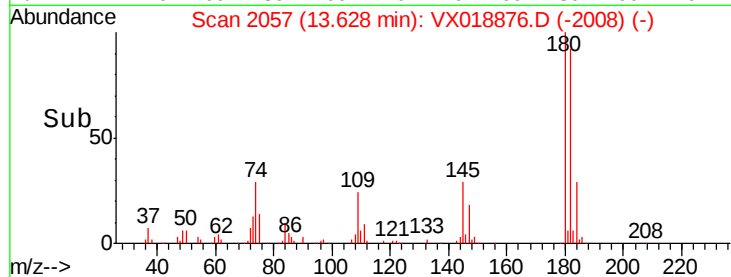
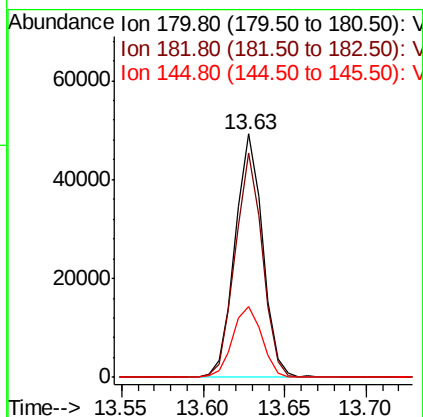
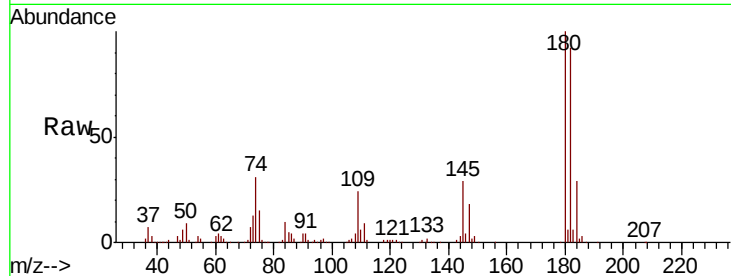




#93
 1,2,4-Trichlorobenzene
 Concen: 18.176 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

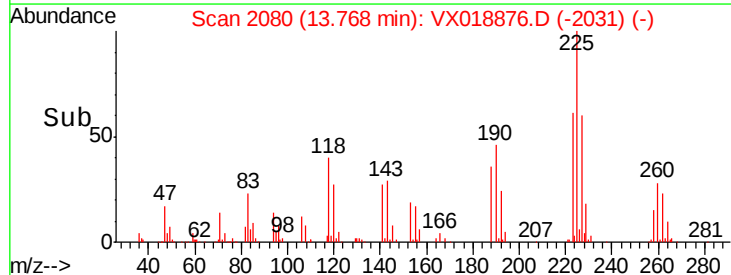
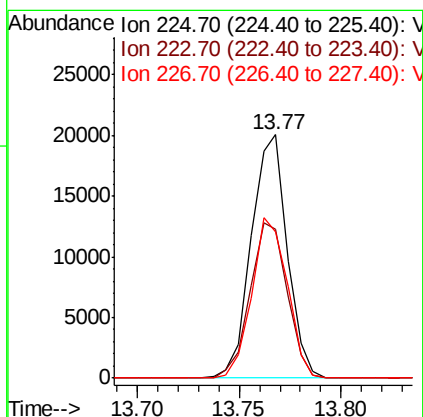
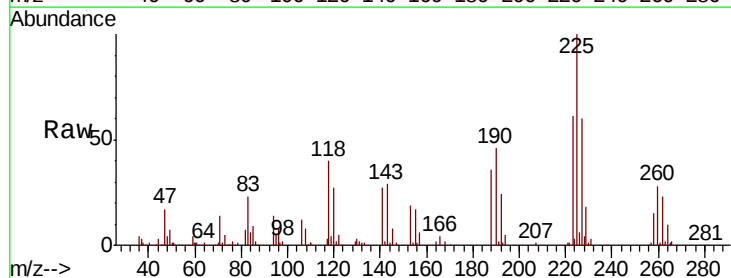
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

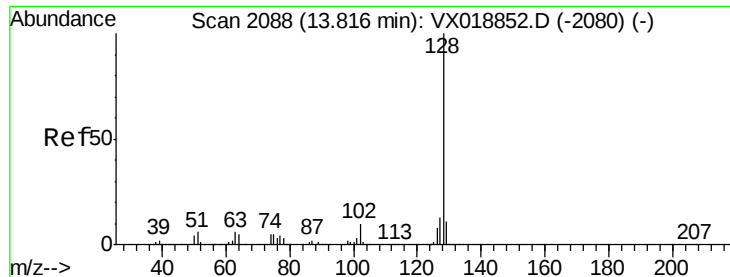
Tot Ion	Ratio	Lower	Upper
180	100		
182	90.7	49.1	147.3
145	30.9	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 17.321 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.1	32.1	96.3
227	65.1	33.0	98.9





#95

Naphthalene

Concen: 18.257 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

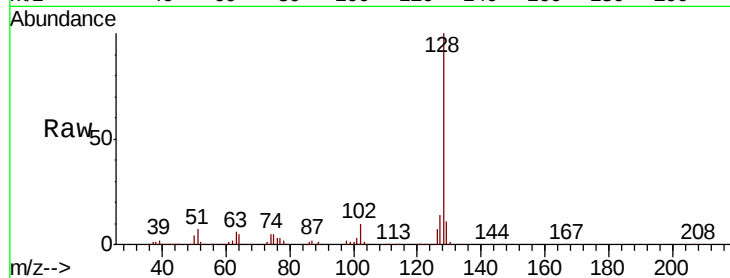
Tot Ion:128 Resp: 172382

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 11.2 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

13.82

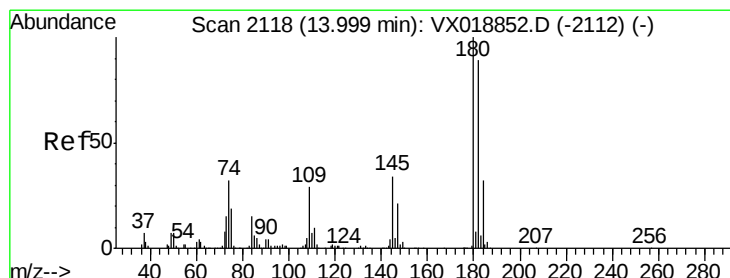
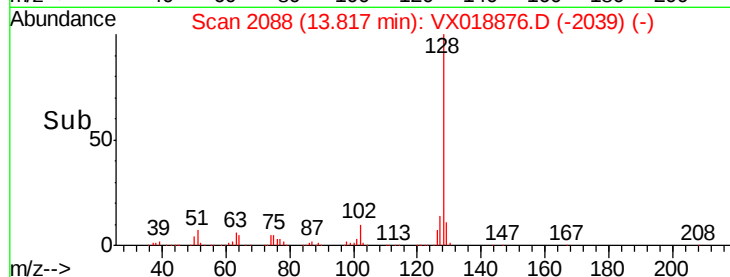
150000

100000

50000

0

Time--> 13.75 13.80 13.85 13.90



#96

1,2,3-Trichlorobenzene

Concen: 17.717 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

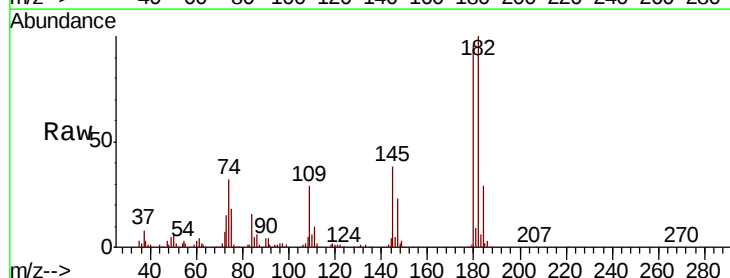
Tgt Ion:180 Resp: 55330

Ion Ratio Lower Upper

180 100

182 95.6 47.7 143.1

145 36.3 16.7 50.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.00

40000

30000

20000

10000

0

Time--> 13.95 14.00 14.05

