

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
 Data File : VW025349.D
 Acq On : 22 Feb 2023 09:45
 Operator : SY/MD
 Sample : VSTD02527
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025427

Quant Time: Feb 22 20:59:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 20:57:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	344147	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	306192	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	151964	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	66877	22.954	ug/L	0.00
7) Chloroethane-d5	2.899	69	49061	23.194	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.033	63	177545	23.477	ug/L	0.00
21) 2-Butanone-d5	7.075	46	31003	46.825	ug/L	0.00
24) Chloroform-d	7.648	84	153670	23.277	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	78942	23.051	ug/L	0.00
32) Benzene-d6	8.276	84	298727	23.022	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	84500	23.206	ug/L	0.00
41) Toluene-d8	10.324	98	280038	23.149	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	37739	22.749	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	25416	47.851	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	62807	23.040	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	87126	22.573	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	110281	26.857	ug/L	100
3) Chloromethane	2.222	50	101341	26.092	ug/L	100
5) Vinyl chloride	2.375	62	119323	26.431	ug/L	100
6) Bromomethane	2.789	94	76311	26.621	ug/L	100
8) Chloroethane	2.942	64	68251	25.838	ug/L	100
9) Trichlorofluoromethane	3.265	101	145370	26.537	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	116745	25.336	ug/L	100
12) 1,1-Dichloroethene	4.045	96	116460	26.263	ug/L	100
13) Acetone	4.118	43	63092	57.624	ug/L	100
14) Carbon disulfide	4.393	76	383036	26.482	ug/L	100
15) Methyl Acetate	4.673	43	44311	25.449	ug/L	100
16) Methylene chloride	4.923	84	114073	23.441	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	122751	26.406	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	175417	26.718	ug/L	100
19) 1,1-Dichloroethane	6.221	63	216943	25.971	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	126496	25.897	ug/L	100
22) 2-Butanone	7.173	43	69975	55.639	ug/L	100
23) Bromochloromethane	7.520	128	53724	25.775	ug/L	100
25) Chloroform	7.679	83	225954	26.285	ug/L	100
27) 1,2-Dichloroethane	8.404	62	149982	25.866	ug/L	100
29) Cyclohexane	7.959	56	205711	26.689	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	204824	25.823	ug/L	100
31) Carbon tetrachloride	8.075	117	192424	25.775	ug/L	100
33) Benzene	8.325	78	486429	25.982	ug/L	100
34) Trichloroethene	9.093	95	133570	25.547	ug/L	100
35) Methylcyclohexane	9.337	83	241192	26.324	ug/L	100
37) 1,2-Dichloropropane	9.367	63	118063	26.070	ug/L	100
38) Bromodichloromethane	9.642	83	158573	25.814	ug/L	100
39) cis-1,3-Dichloropropene	10.074	75	192945	26.041	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	120732	52.404	ug/L	100
42) Toluene	10.385	91	522779	25.937	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	161957	26.003	ug/L	100

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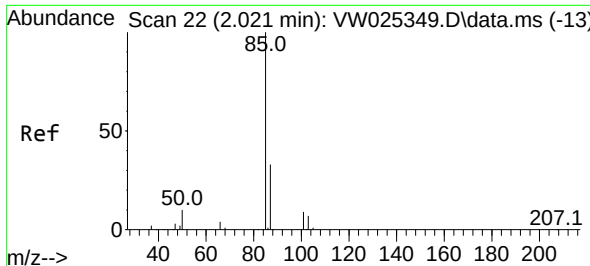
Instrument :
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Quant Time: Feb 22 20:59:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 20:57:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	86071	25.481	ug/L	100
46) Tetrachloroethene	10.861	164	101957	25.823	ug/L	100
48) 2-Hexanone	10.965	43	94952	55.219	ug/L	100
49) Dibromochloromethane	11.129	129	100466	25.749	ug/L	100
50) 1,2-Dibromoethane	11.233	107	84348	26.048	ug/L	100
51) Chlorobenzene	11.653	112	329817	25.480	ug/L	100
52) Ethylbenzene	11.727	91	618039	26.462	ug/L	100
53) m,p-Xylene	11.836	106	235100	26.492	ug/L	100
54) o-Xylene	12.166	106	215876	26.313	ug/L	100
55) Styrene	12.178	104	368001	26.376	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	97855	25.376	ug/L	100
59) Bromoform	12.348	173	55673	24.472	ug/L	100
60) Isopropylbenzene	12.464	105	623537	25.087	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	73804	24.513	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	515463	25.823	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	512140	27.105	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	251046	25.831	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	255991	26.273	ug/L	100
67) 1,2-Dichlorobenzene	13.866	146	224297	25.167	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	17535	25.206	ug/L	100
69) 1,3,5-Trichlorobenzene	14.622	180	172291	25.899	ug/L	100
70) 1,2,4-trichlorobenzene	15.128	180	149229	25.852	ug/L	100
71) Naphthalene	15.360	128	290056	26.133	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	122170	24.921	ug/L	100

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

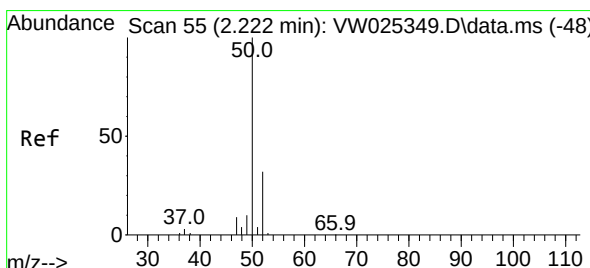
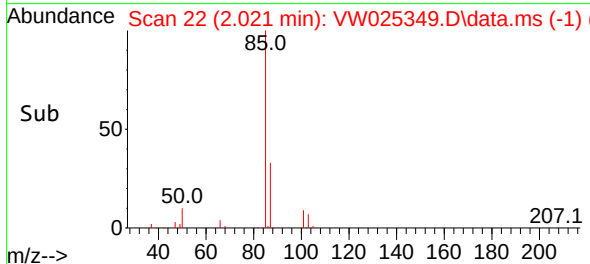
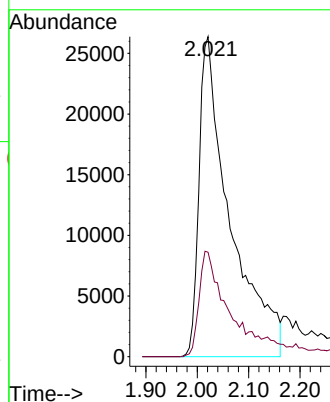
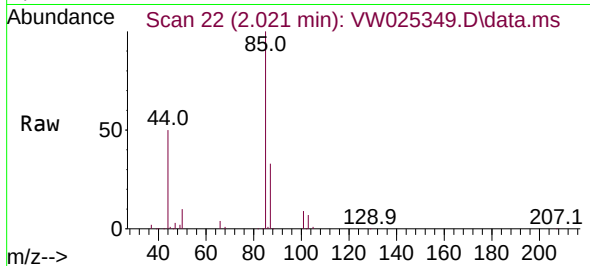
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ClientSampleId :
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#2
 Dichlorodifluoromethane
 Concen: 26.857 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025349.D
 Acq: 22 Feb 2023 09:45

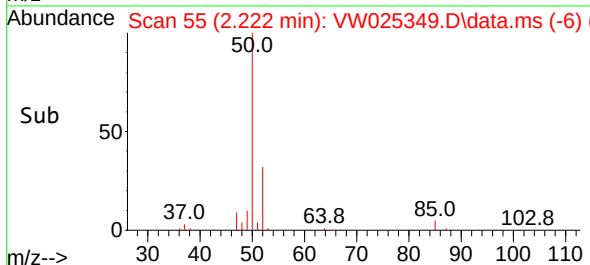
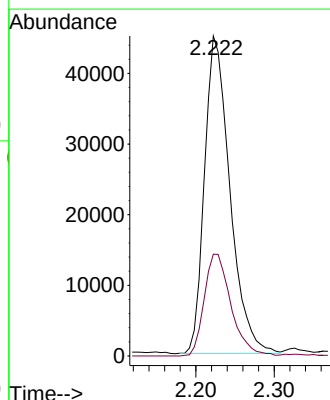
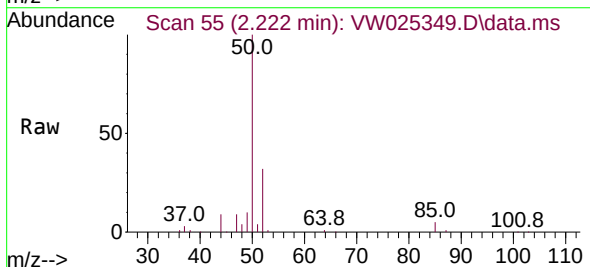
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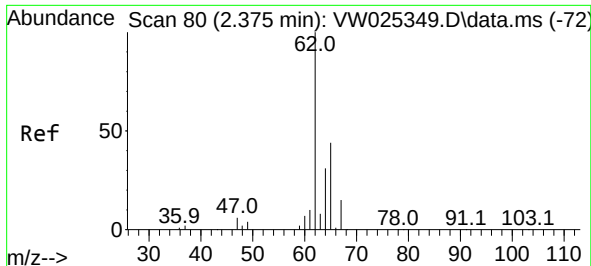
Tgt Ion: 85 Resp: 110281
 Ion Ratio Lower Upper
 85 100
 87 25.7 20.6 30.8



#3
 Chloromethane
 Concen: 26.092 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW025349.D
 Acq: 22 Feb 2023 09:45

Tgt Ion: 50 Resp: 101341
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.3 41.3

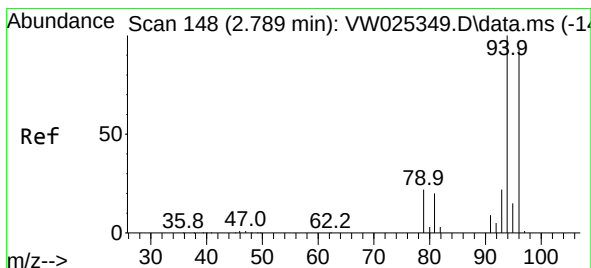
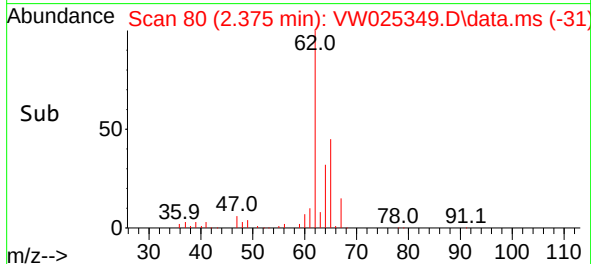
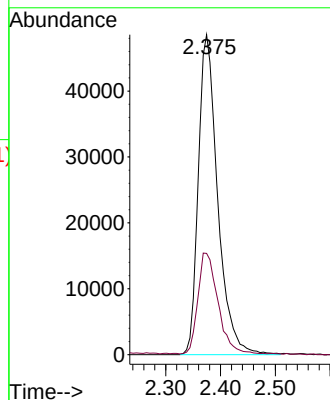
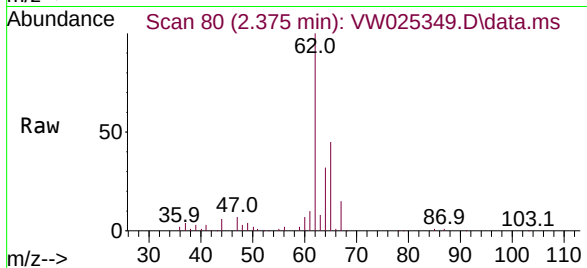




#5
 Vinyl chloride
 Concen: 26.431 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025349.D
 Acq: 22 Feb 2023 09:45

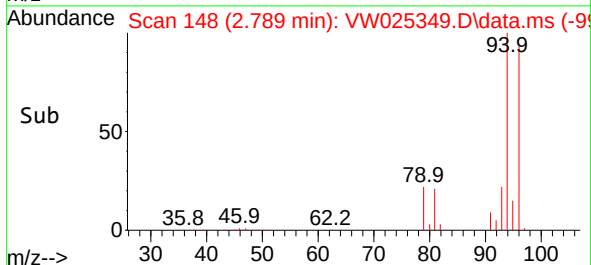
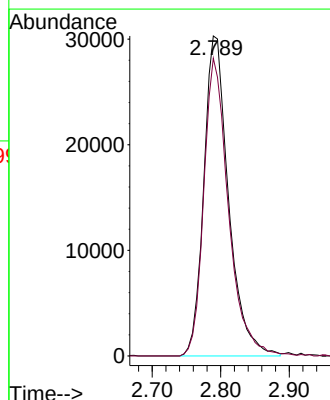
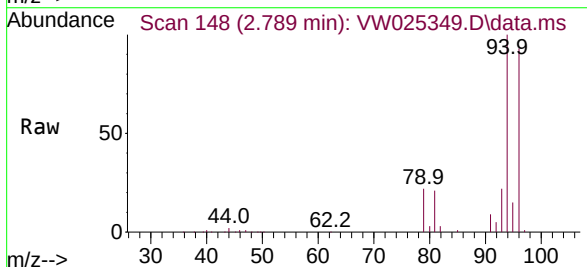
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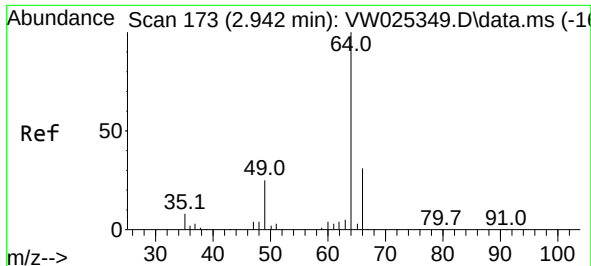
Tgt Ion: 62 Resp: 119323
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.2 41.2



#6
 Bromomethane
 Concen: 26.621 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025349.D
 Acq: 22 Feb 2023 09:45

Tgt Ion: 94 Resp: 76311
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.2 121.0

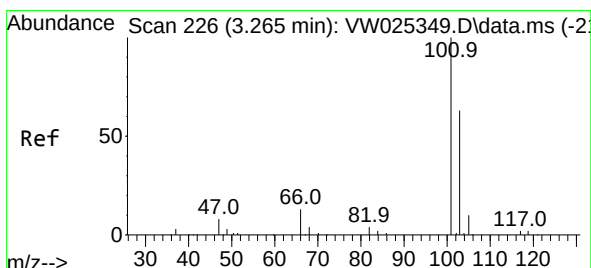
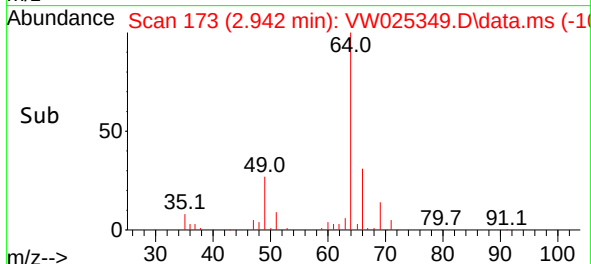
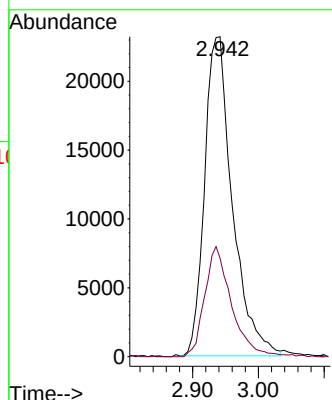
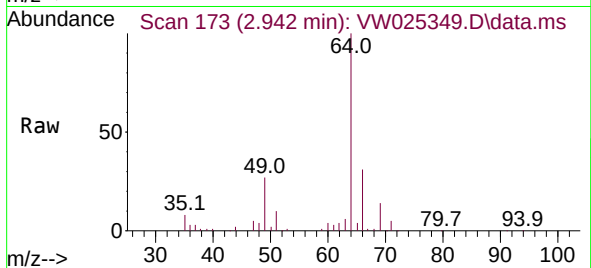




#8
Chloroethane
Concen: 25.838 ug/L
RT: 2.942 min Scan# 173
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

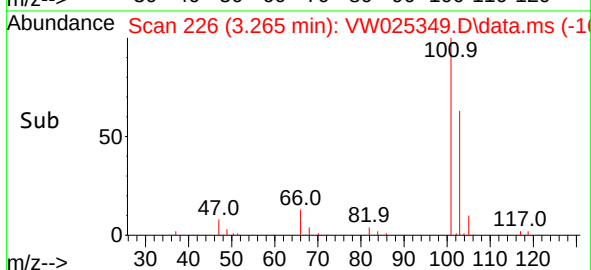
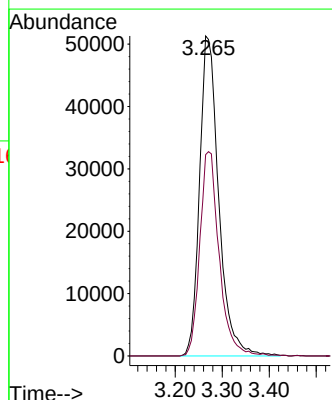
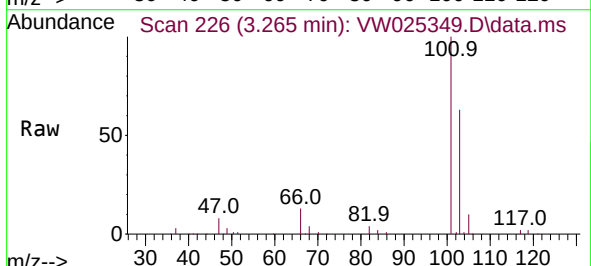
Instrument :
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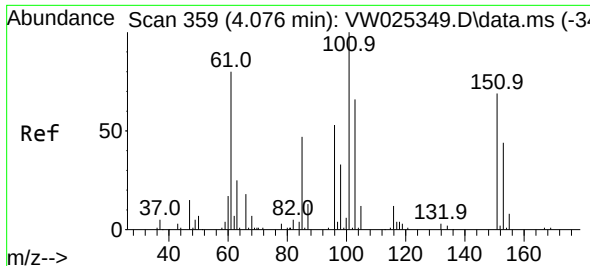
Tgt Ion: 64 Resp: 68251
Ion Ratio Lower Upper
64 100
66 30.8 21.6 40.0



#9
Trichlorofluoromethane
Concen: 26.537 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

Tgt Ion:101 Resp: 145370
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

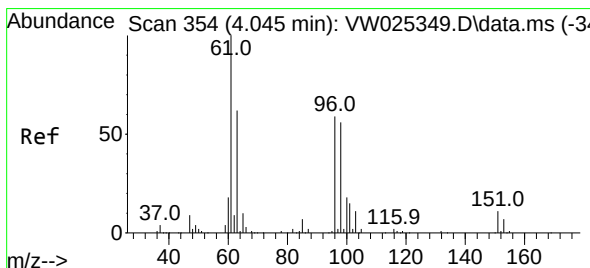
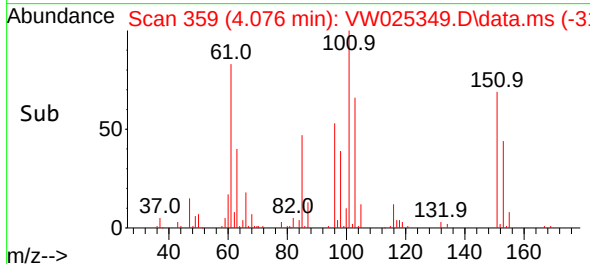
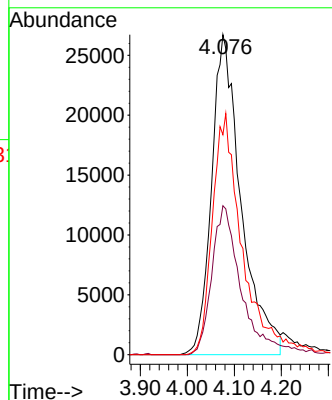
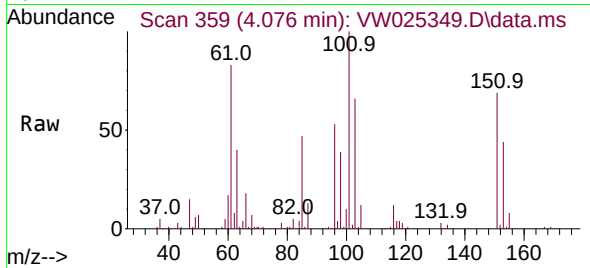




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.336 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW025349.D
 Acq: 22 Feb 2023 09:45

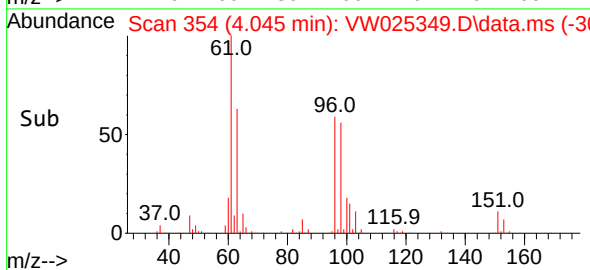
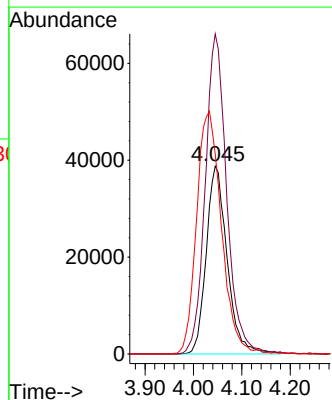
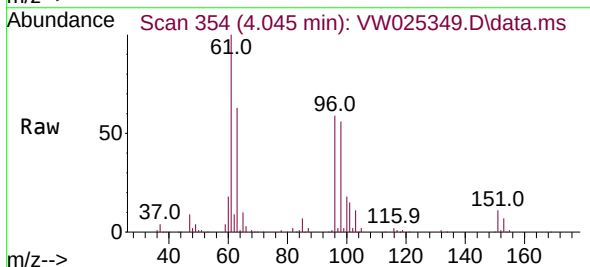
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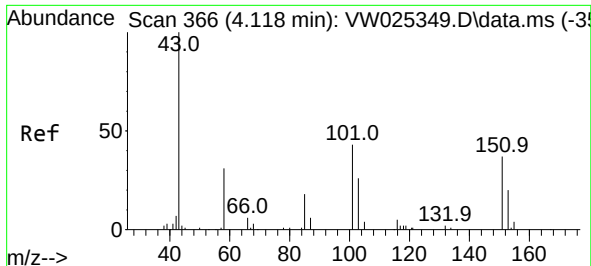
Tgt Ion:101 Resp: 116745
 Ion Ratio Lower Upper
 101 100
 85 45.4 36.3 54.5
 151 65.3 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 26.263 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW025349.D
 Acq: 22 Feb 2023 09:45

Tgt Ion: 96 Resp: 116460
 Ion Ratio Lower Upper
 96 100
 61 170.4 119.3 221.5
 63 106.5 74.5 138.5





#13

Acetone

Concen: 57.624 ug/L

RT: 4.118 min Scan# 366

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

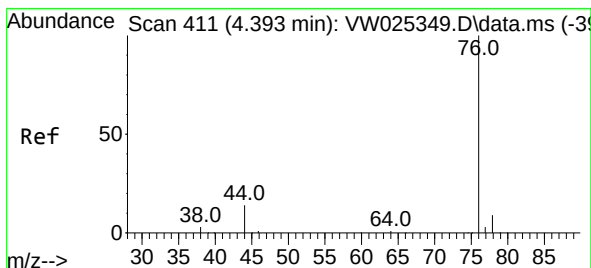
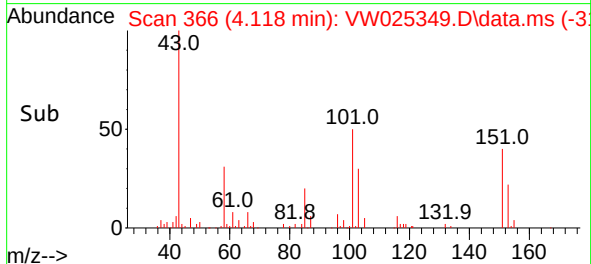
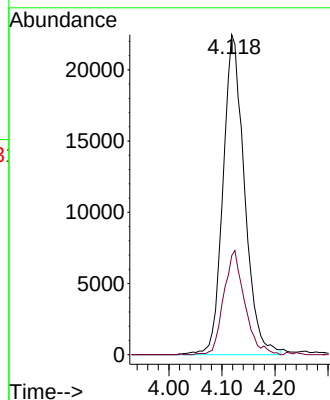
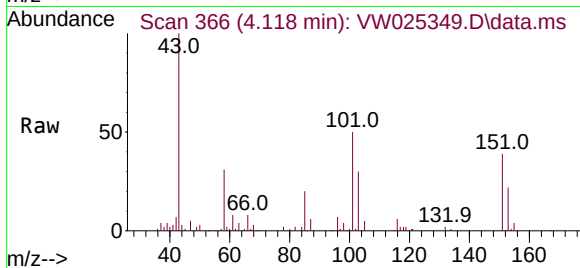
VSTD025427

Tgt Ion: 43 Resp: 63092

Ion Ratio Lower Upper

43 100

58 30.8 0.0 61.6



#14

Carbon disulfide

Concen: 26.482 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW025349.D

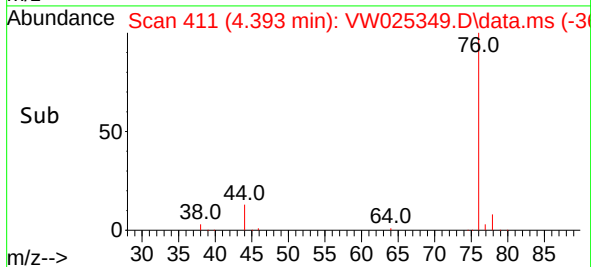
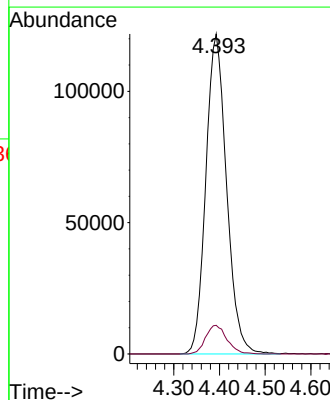
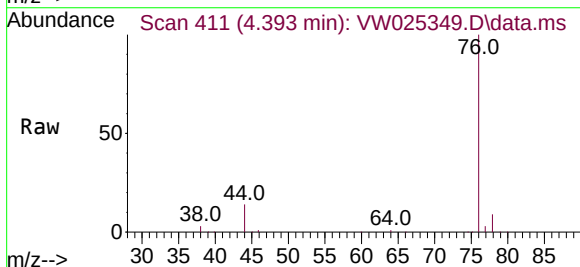
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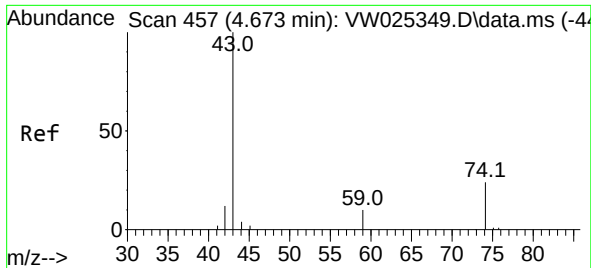
Tgt Ion: 76 Resp: 383036

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

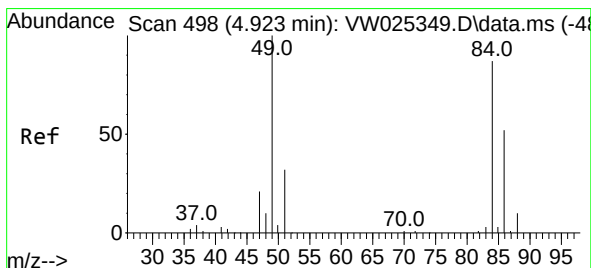
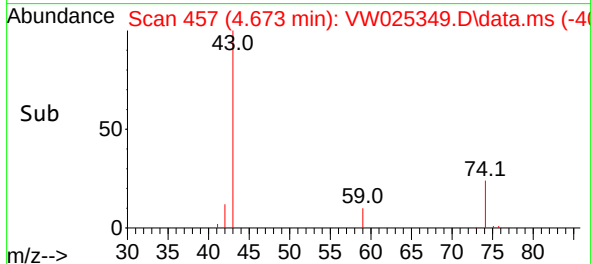
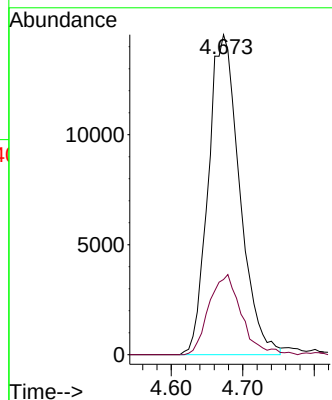
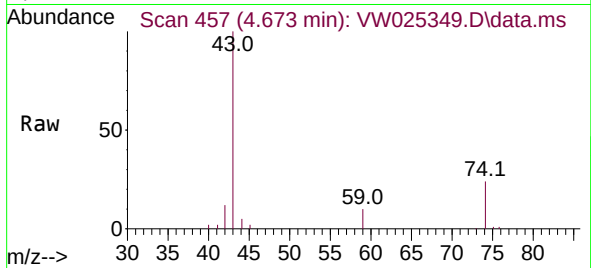




#15
Methyl Acetate
Concen: 25.449 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

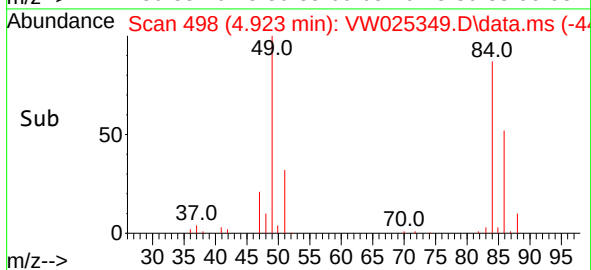
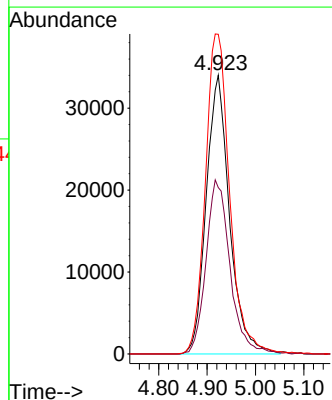
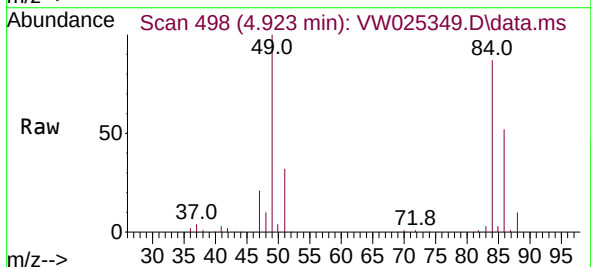
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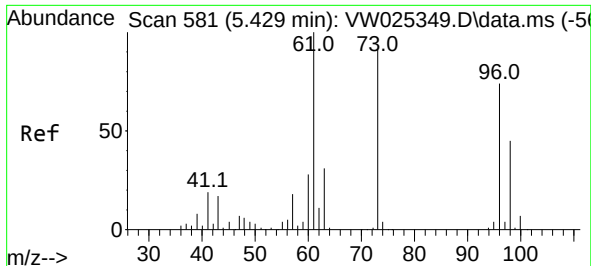
Tgt Ion: 43 Resp: 44311
Ion Ratio Lower Upper
43 100
74 25.3 20.2 30.4



#16
Methylene chloride
Concen: 23.441 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

Tgt Ion: 84 Resp: 114073
Ion Ratio Lower Upper
84 100
86 59.7 41.8 77.6
49 114.7 80.3 149.1

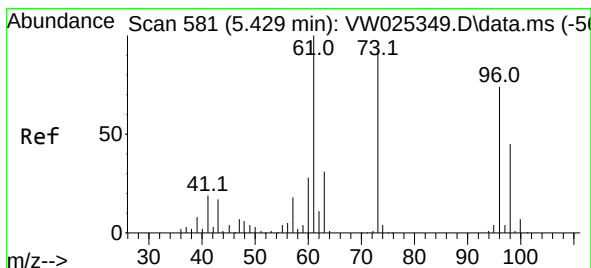
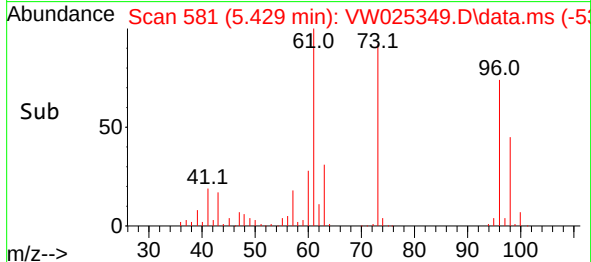
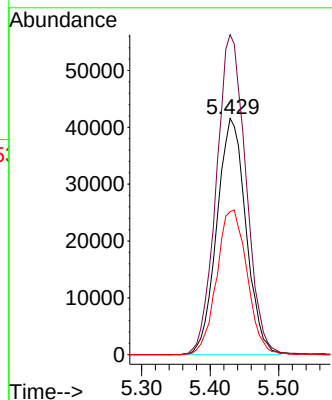
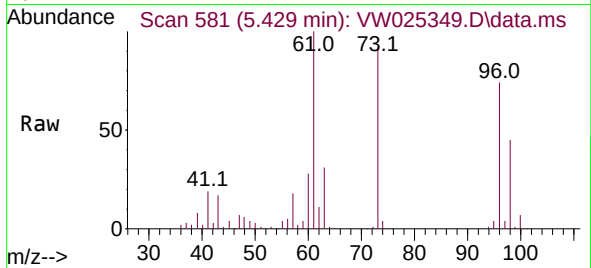




#17
trans-1,2-Dichloroethene
Concen: 26.406 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

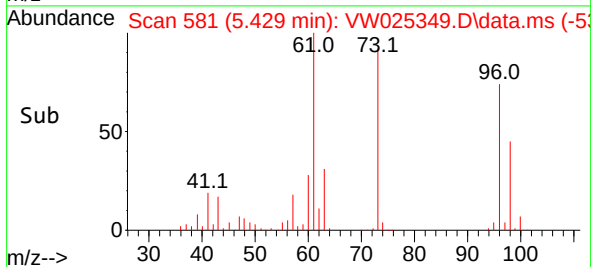
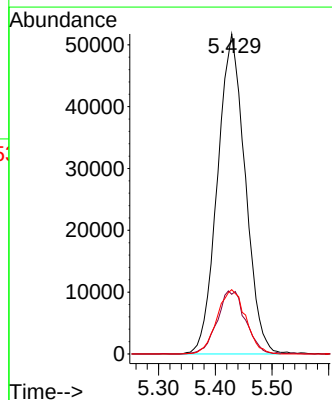
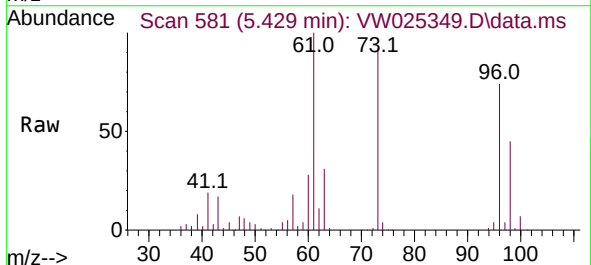
Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

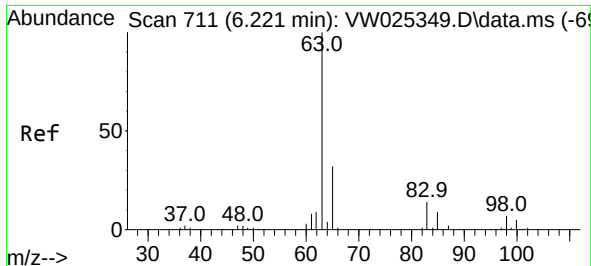
Tgt Ion: 96 Resp: 122751
Ion Ratio Lower Upper
96 100
61 135.4 94.8 176.0
98 60.5 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 26.718 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

Tgt Ion: 73 Resp: 175417
Ion Ratio Lower Upper
73 100
43 20.1 16.1 24.1
57 20.8 16.6 25.0





#19

1,1-Dichloroethane

Concen: 25.971 ug/L

RT: 6.221 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

Instrument :

MSVOA_W

ClientSampled :

VSTD025427

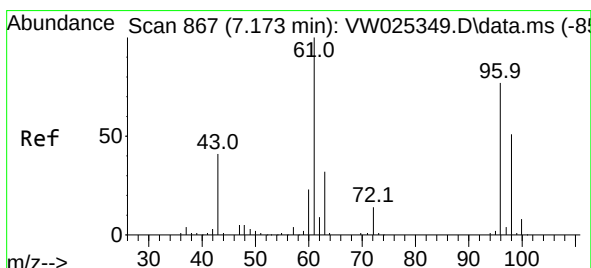
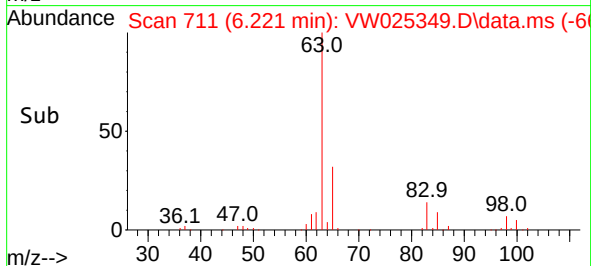
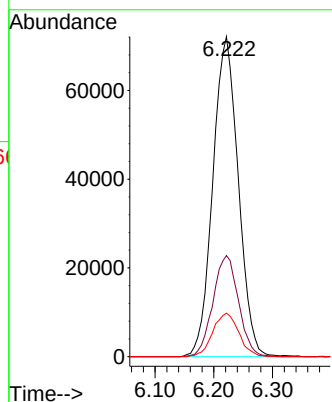
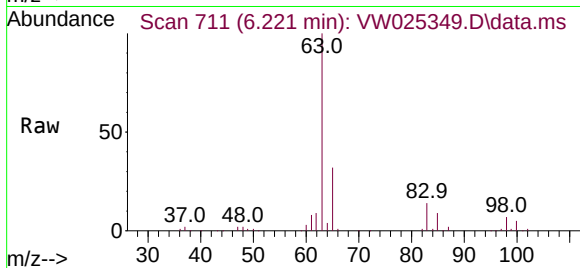
Tgt Ion: 63 Resp: 216943

Ion Ratio Lower Upper

63 100

65 31.6 22.1 41.1

83 13.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 25.897 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

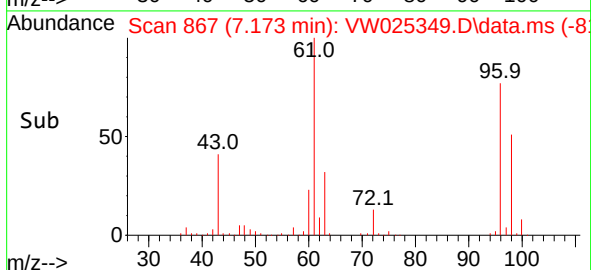
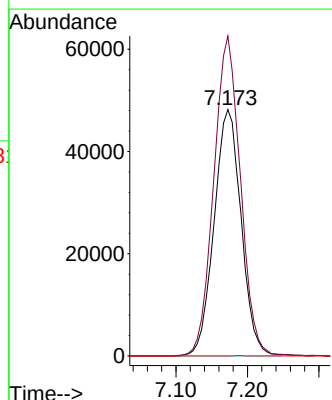
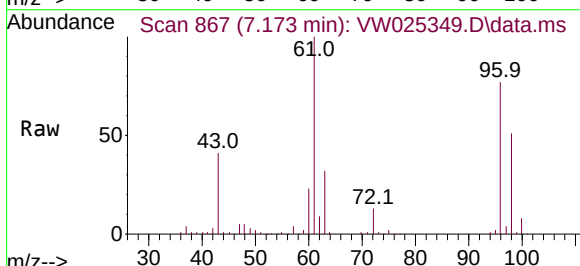
Tgt Ion: 96 Resp: 126496

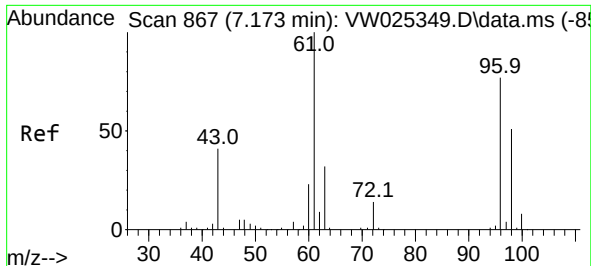
Ion Ratio Lower Upper

96 100

61 129.9 90.9 168.9

68 0.0 0.0 0.0

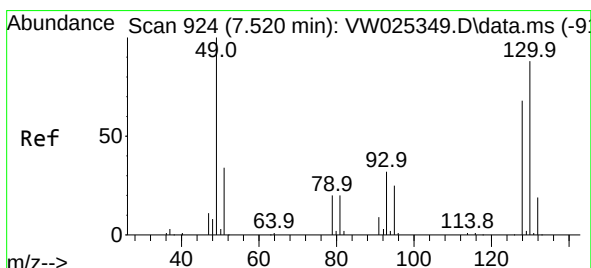
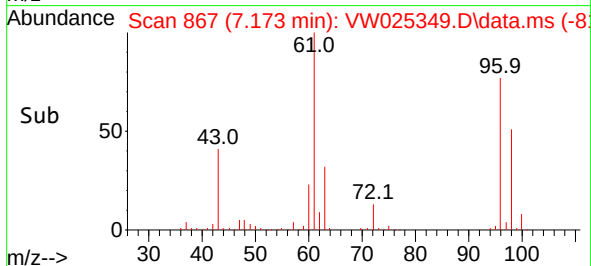
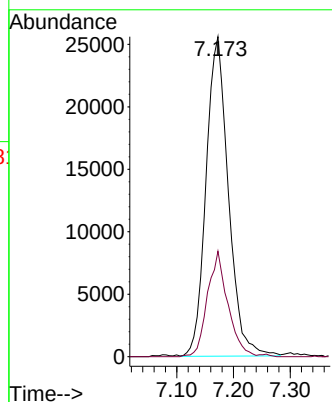
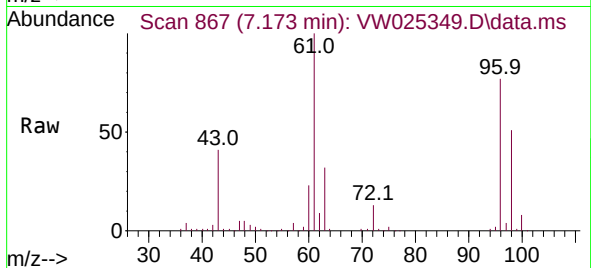




#22
2-Butanone
Concen: 55.639 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

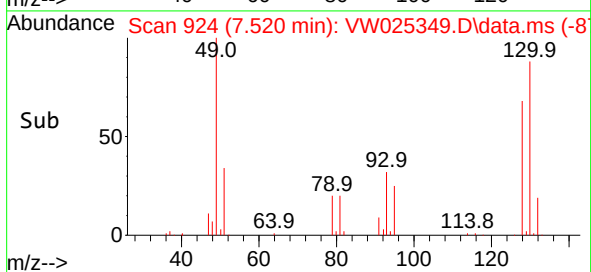
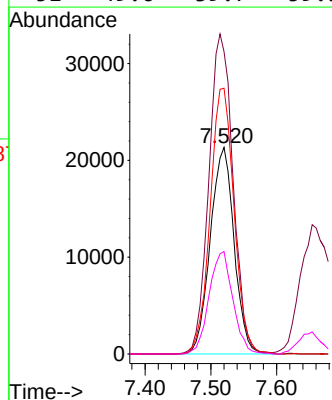
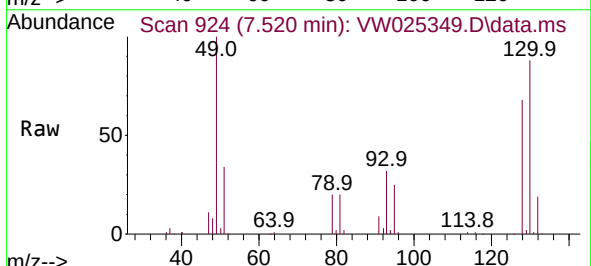
Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

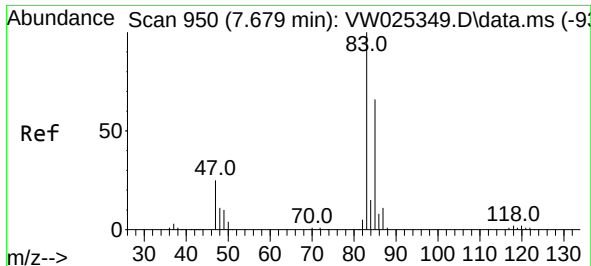
Tgt Ion: 43 Resp: 69975
Ion Ratio Lower Upper
43 100
72 30.1 15.0 45.1



#23
Bromochloromethane
Concen: 25.775 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

Tgt Ion: 128 Resp: 53724
Ion Ratio Lower Upper
128 100
49 146.3 102.4 190.2
130 128.7 90.1 167.3
51 49.6 39.7 59.5





#25

Chloroform

Concen: 26.285 ug/L

RT: 7.679 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

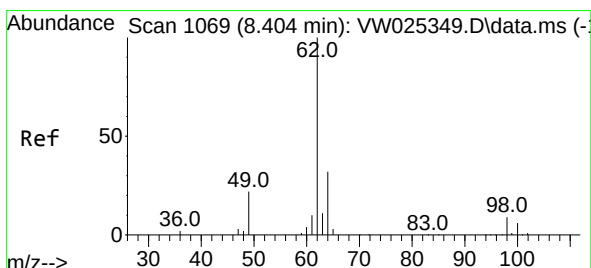
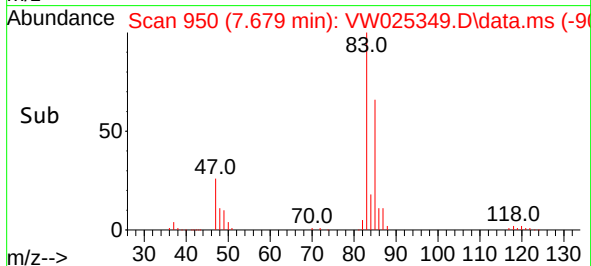
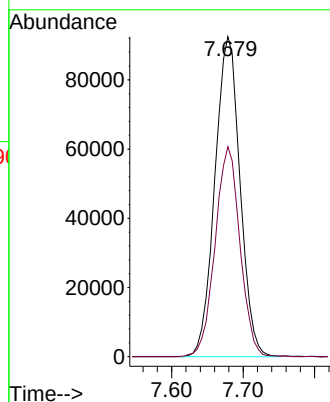
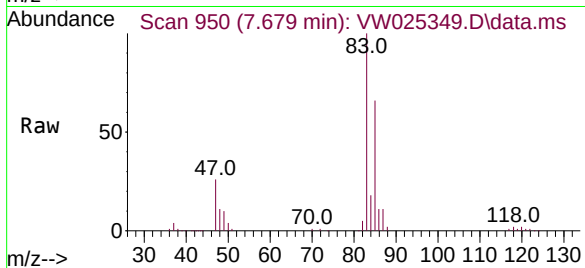
VSTD025427

Tgt Ion: 83 Resp: 225954

Ion Ratio Lower Upper

83 100

85 65.6 45.9 85.3



#27

1,2-Dichloroethane

Concen: 25.866 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VW025349.D

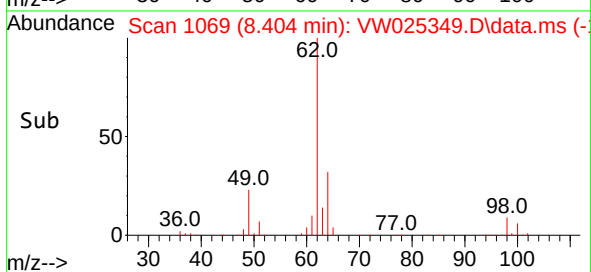
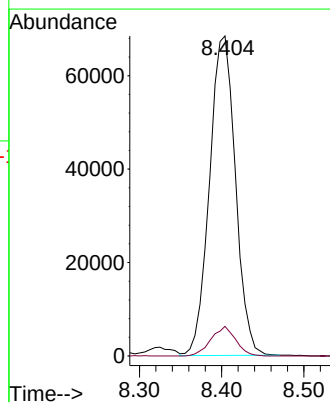
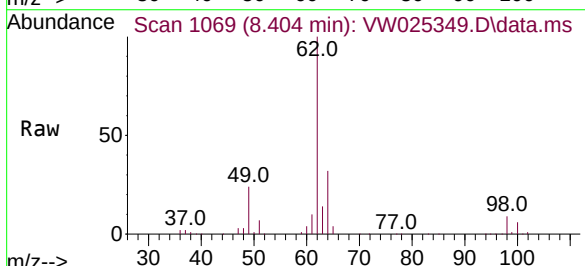
Acq: 22 Feb 2023 09:45

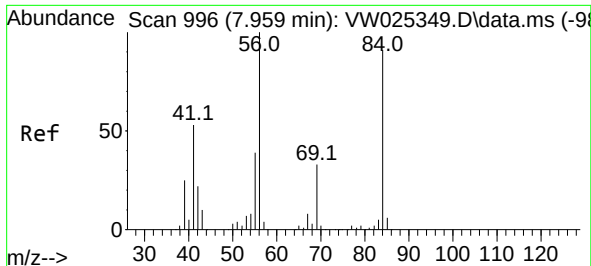
Tgt Ion: 62 Resp: 149982

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0





#29

Cyclohexane

Concen: 26.689 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025427

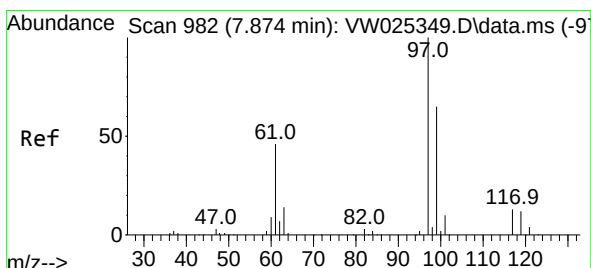
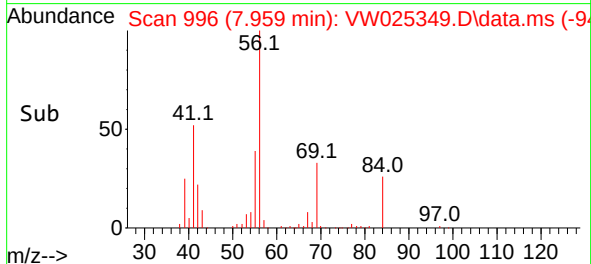
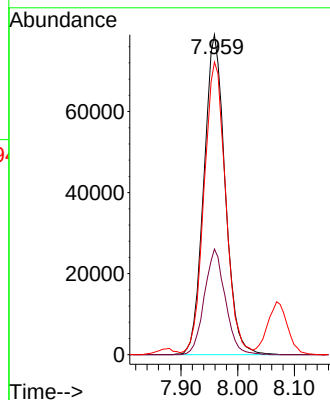
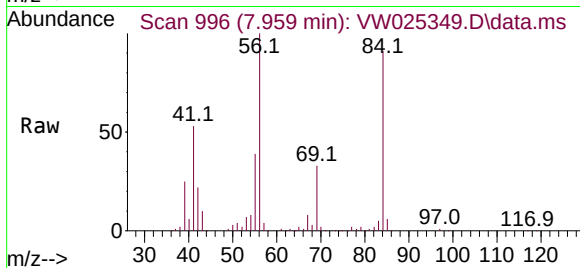
Tgt Ion: 56 Resp: 205711

Ion Ratio Lower Upper

56 100

69 32.4 25.9 38.9

84 93.2 74.6 111.8



#30

1,1,1-Trichloroethane

Concen: 25.823 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

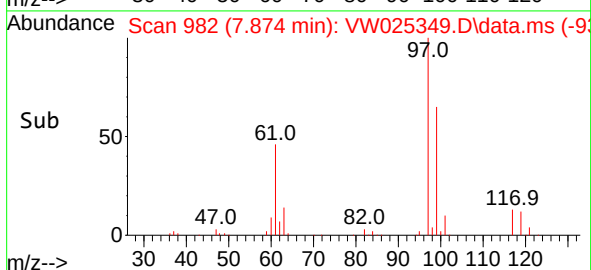
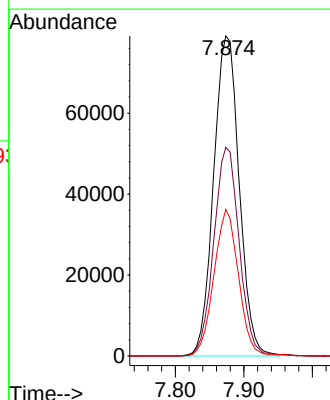
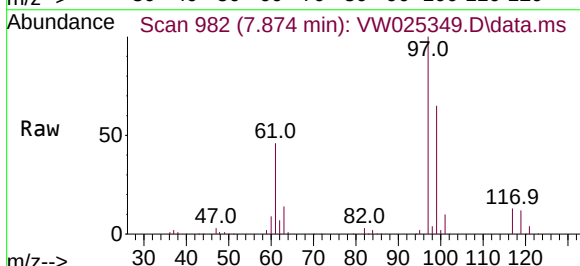
Tgt Ion: 97 Resp: 204824

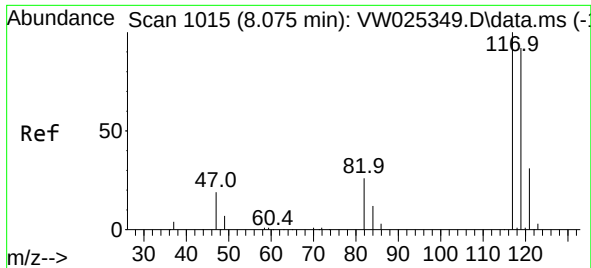
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 43.9 35.1 52.7

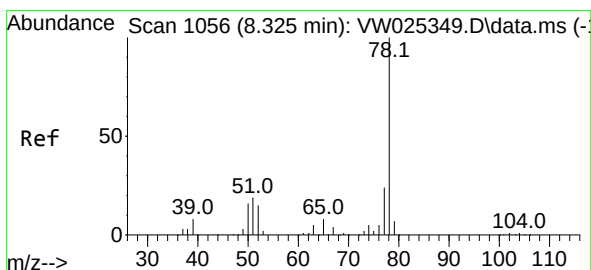
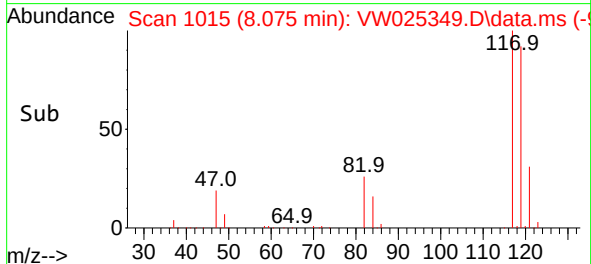
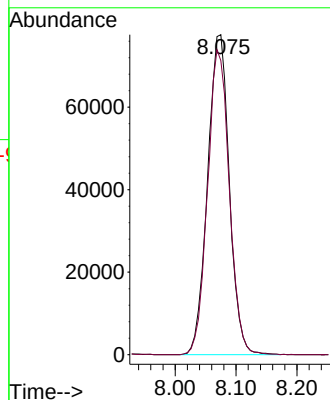
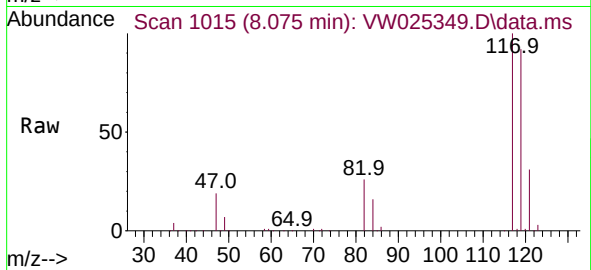




#31
Carbon tetrachloride
Concen: 25.775 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

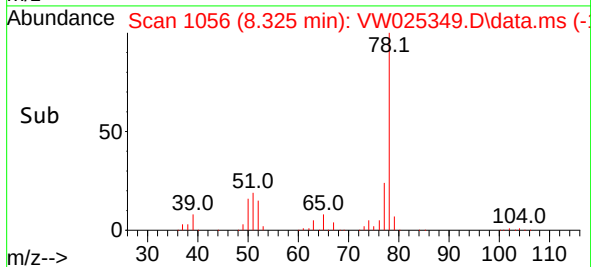
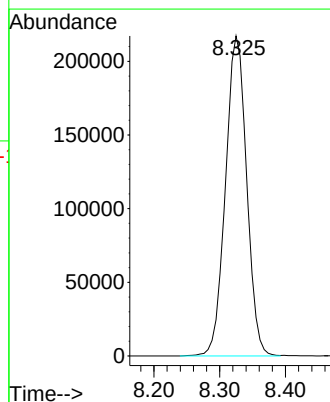
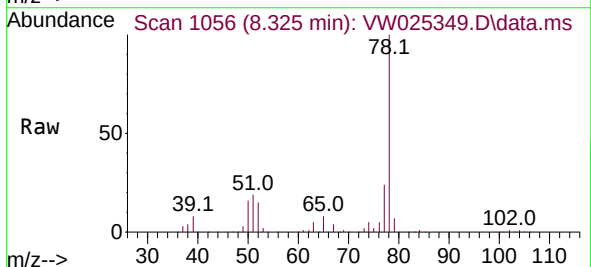
Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

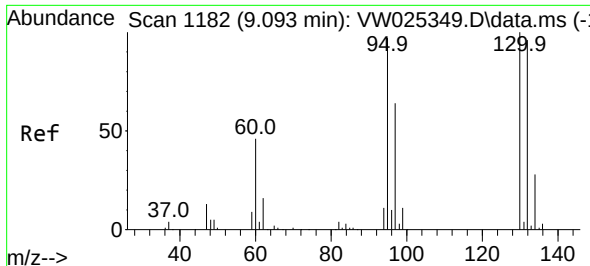
Tgt Ion:117 Resp: 192424
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5



#33
Benzene
Concen: 25.982 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

Tgt Ion: 78 Resp: 486429





#34

Trichloroethene

Concen: 25.547 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025427

Tgt Ion: 95 Resp: 133570

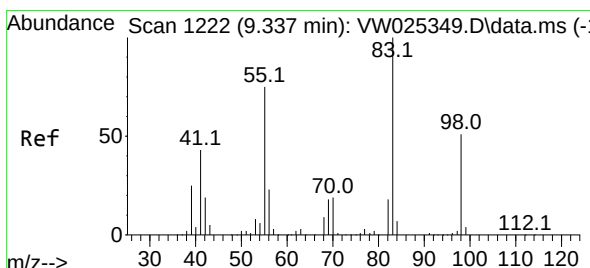
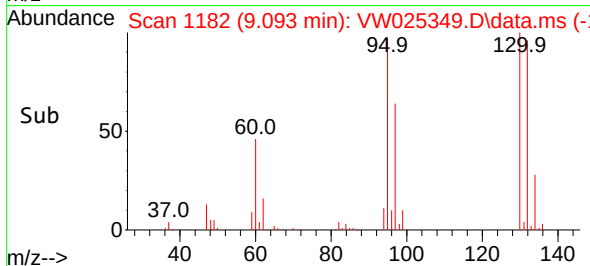
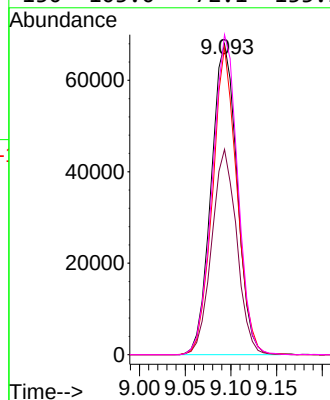
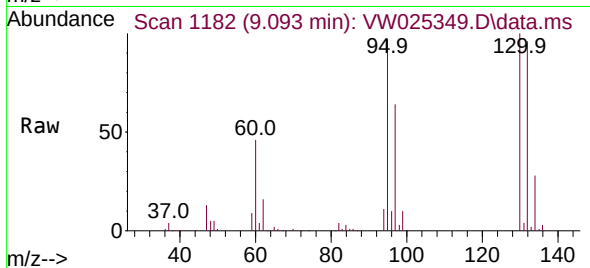
Ion Ratio Lower Upper

95 100

97 66.1 46.3 85.9

132 99.0 69.3 128.7

130 103.0 72.1 133.9



#35

Methylcyclohexane

Concen: 26.324 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

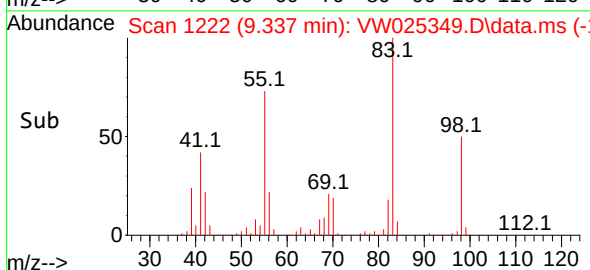
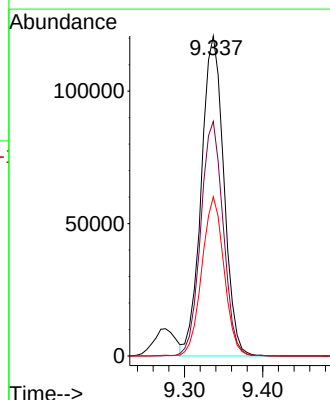
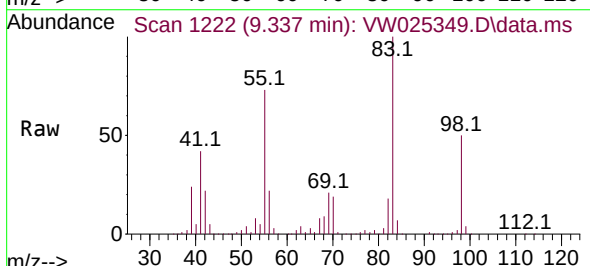
Tgt Ion: 83 Resp: 241192

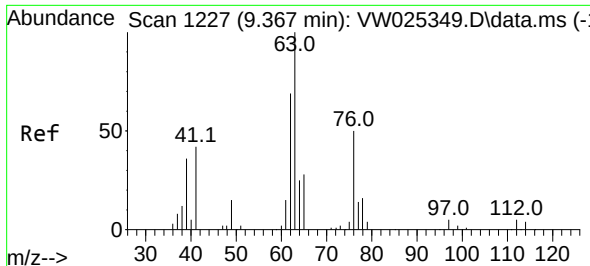
Ion Ratio Lower Upper

83 100

55 73.0 58.4 87.6

98 48.9 39.1 58.7





#37

1,2-Dichloropropane

Concen: 26.070 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

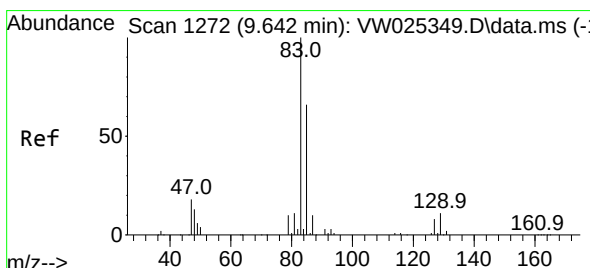
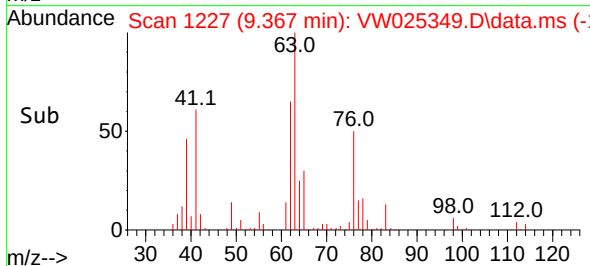
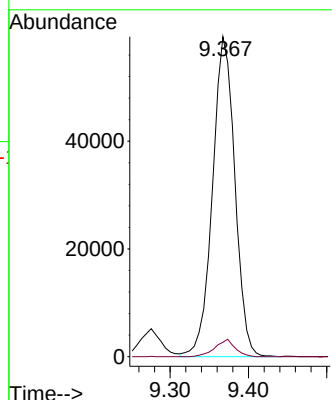
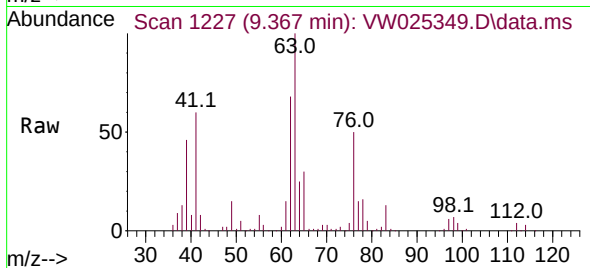
VSTD025427

Tgt Ion: 63 Resp: 118063

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 25.814 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

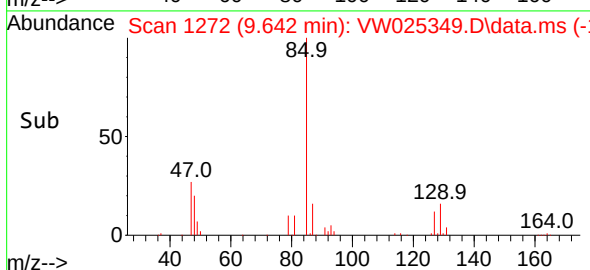
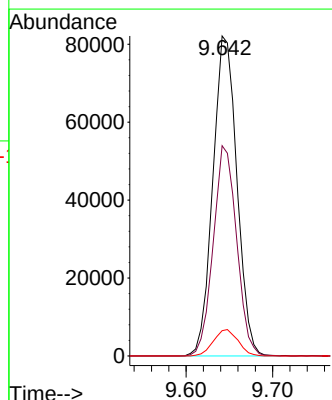
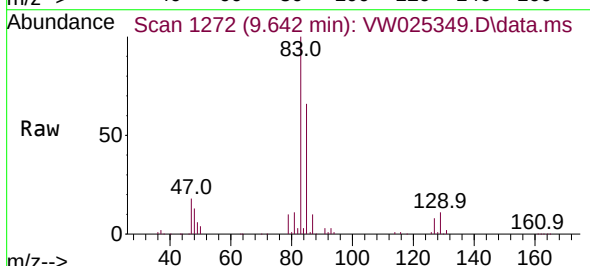
Tgt Ion: 83 Resp: 158573

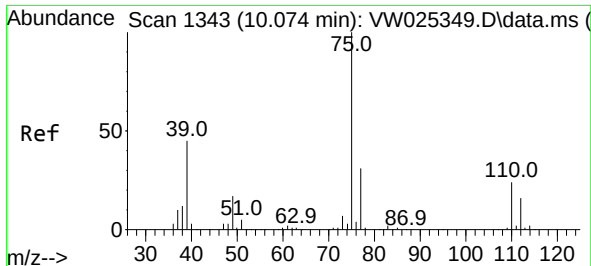
Ion Ratio Lower Upper

83 100

85 65.7 46.0 85.4

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 26.041 ug/L

RT: 10.074 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

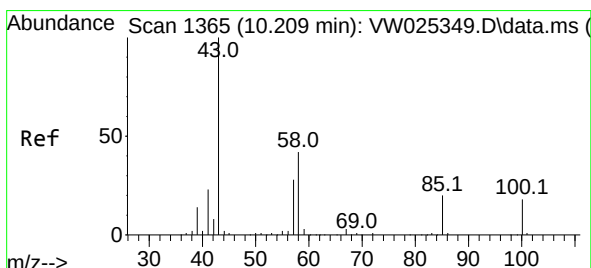
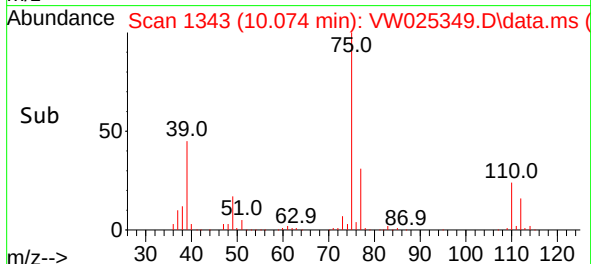
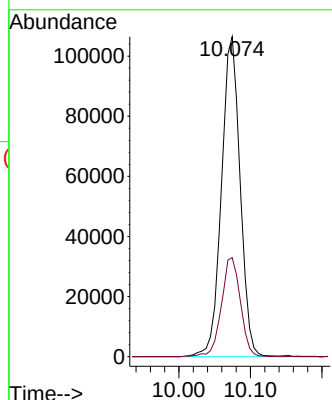
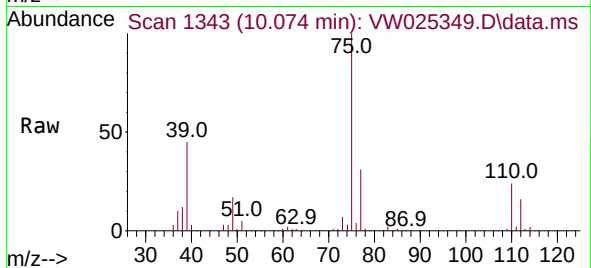
VSTD025427

Tgt Ion: 75 Resp: 192945

Ion Ratio Lower Upper

75 100

77 30.9 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 52.404 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

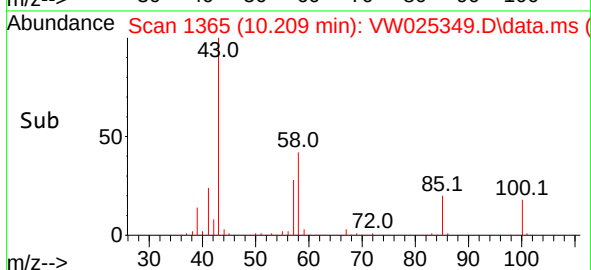
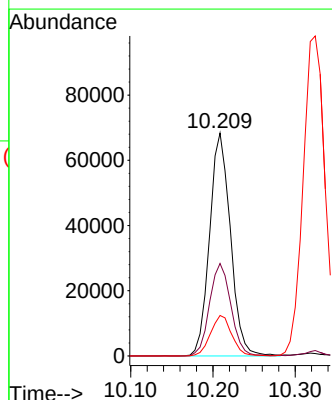
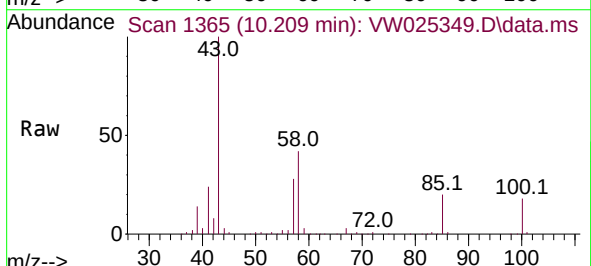
Tgt Ion: 43 Resp: 120732

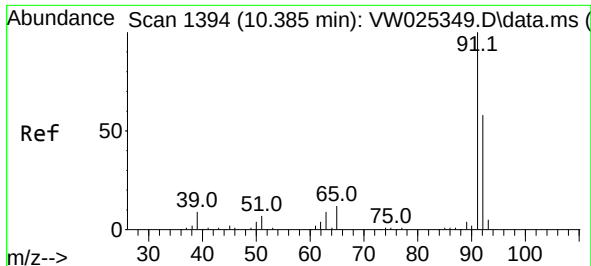
Ion Ratio Lower Upper

43 100

58 42.4 33.9 50.9

100 18.5 14.8 22.2





#42

Toluene

Concen: 25.937 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

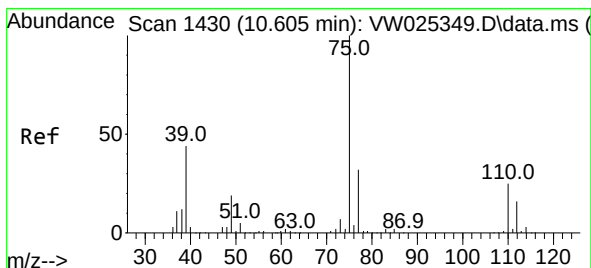
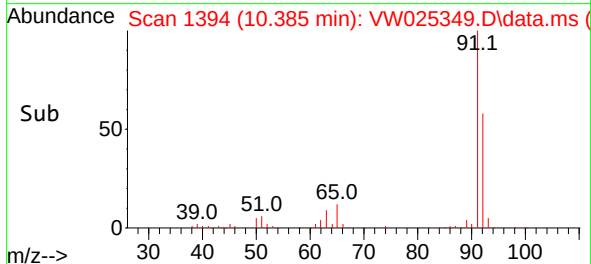
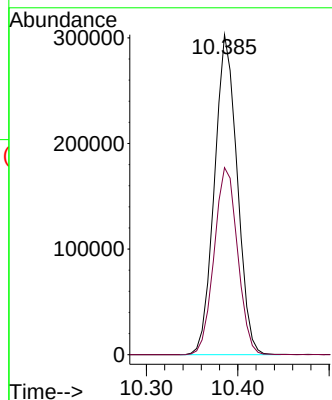
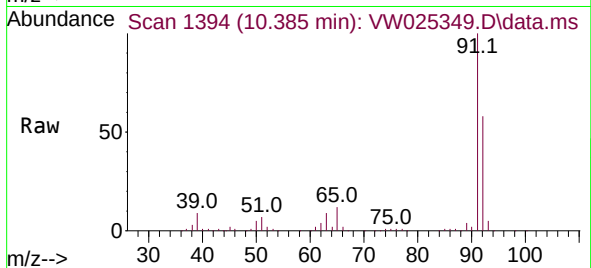
VSTD025427

Tgt Ion: 91 Resp: 522779

Ion Ratio Lower Upper

91 100

92 58.5 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 26.003 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW025349.D

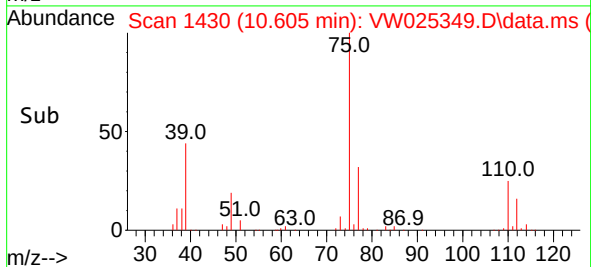
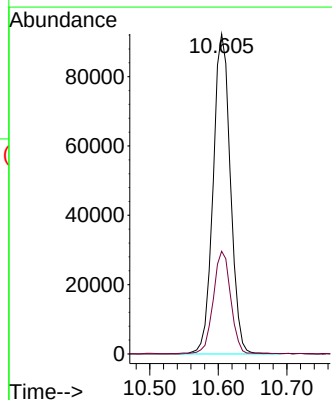
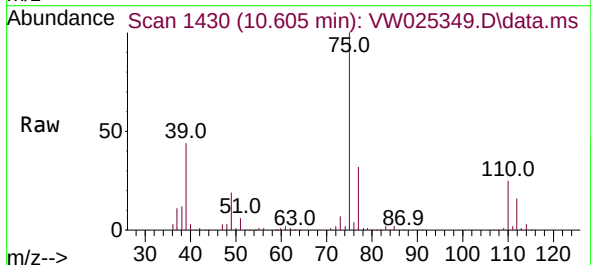
Acq: 22 Feb 2023 09:45

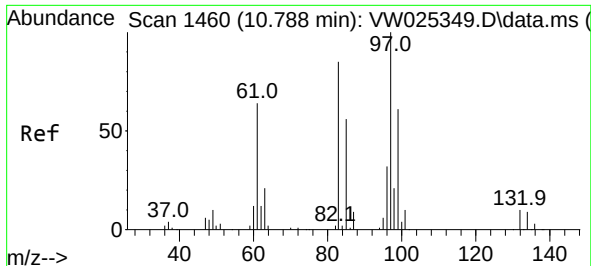
Tgt Ion: 75 Resp: 161957

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7

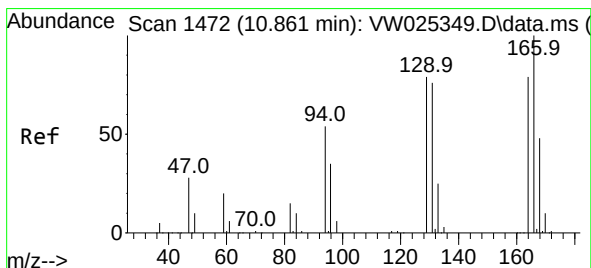
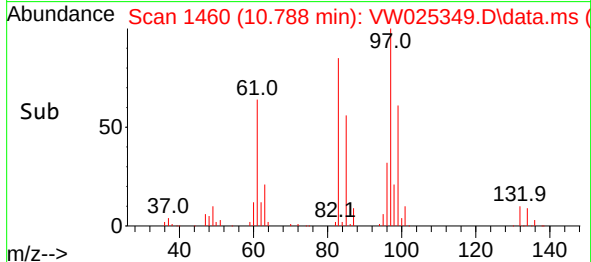
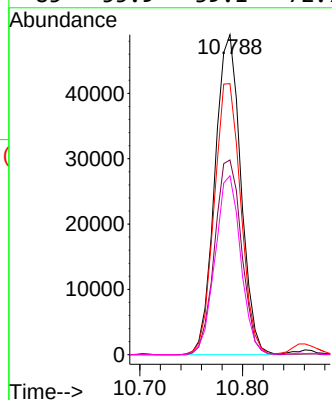
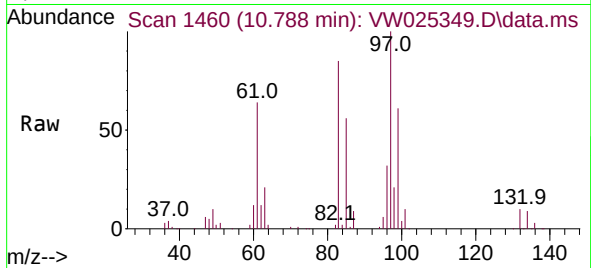




#45
1,1,2-Trichloroethane
Concen: 25.481 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

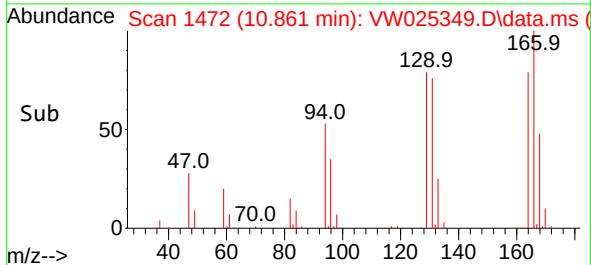
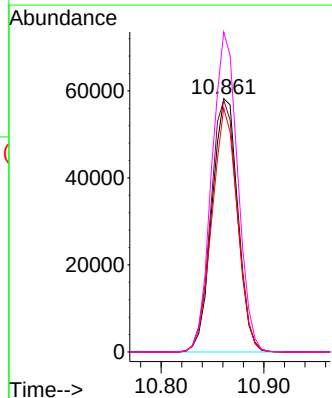
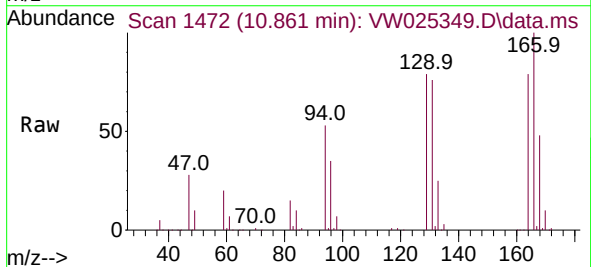
Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

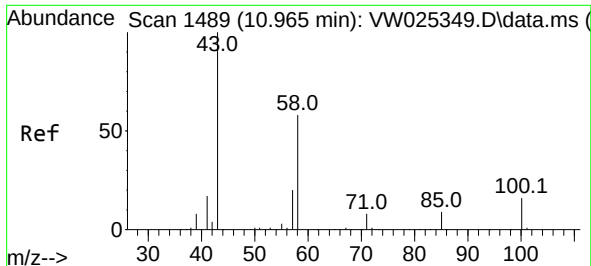
Tgt Ion:	97	Resp:	86071
Ion	Ratio	Lower	Upper
97	100		
99	60.8	42.6	79.0
83	84.7	59.3	110.1
85	55.9	39.1	72.7



#46
Tetrachloroethene
Concen: 25.823 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

Tgt Ion:	164	Resp:	101957
Ion	Ratio	Lower	Upper
164	100		
129	99.4	69.6	129.2
131	96.3	67.4	125.2
166	126.4	88.5	164.3

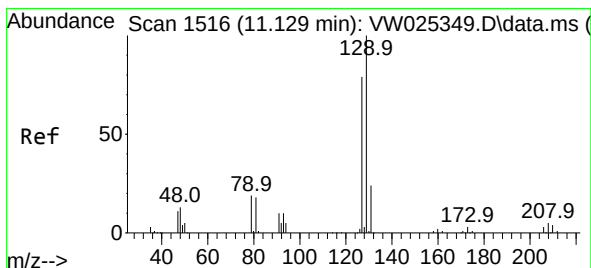
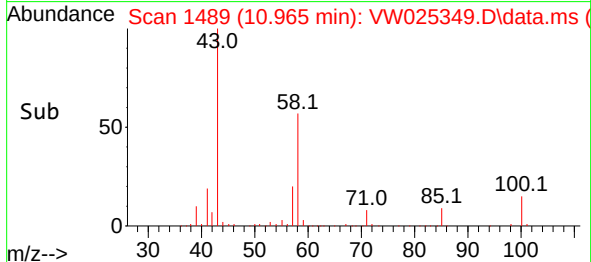
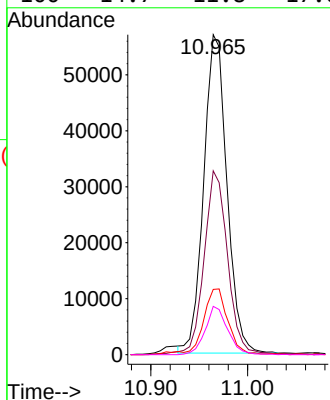
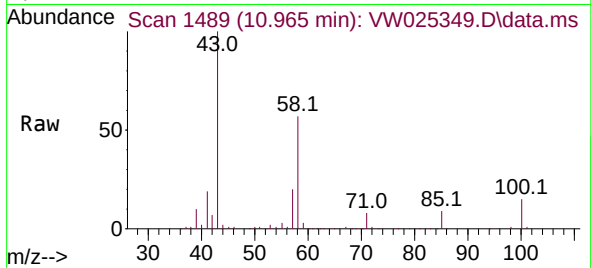




#48
2-Hexanone
Concen: 55.219 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

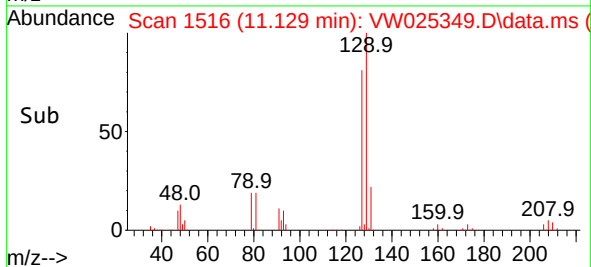
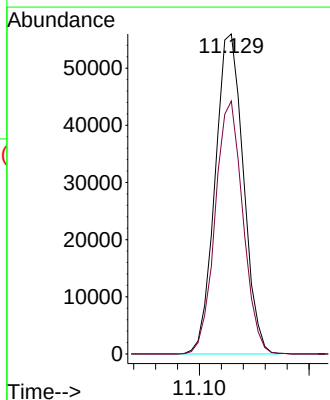
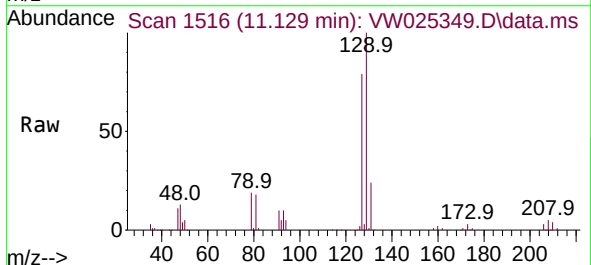
Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

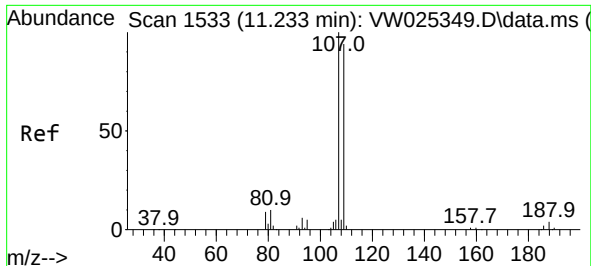
Tgt Ion:	43	Resp:	94952
Ion	Ratio	Lower	Upper
43	100		
58	58.7	47.0	70.4
57	21.2	17.0	25.4
100	14.7	11.8	17.6



#49
Dibromochloromethane
Concen: 25.749 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

Tgt Ion:	129	Resp:	100466
Ion	Ratio	Lower	Upper
129	100		
127	79.0	55.3	102.7





#50

1,2-Dibromoethane

Concen: 26.048 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025427

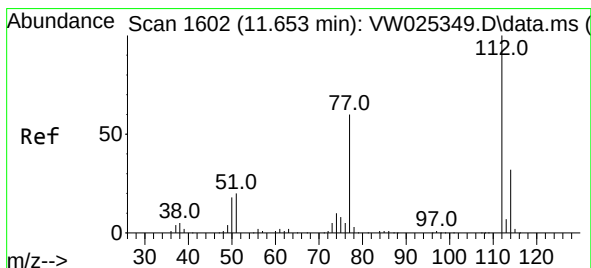
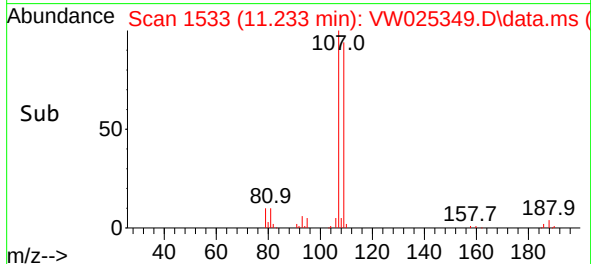
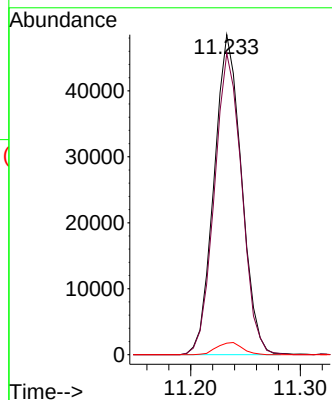
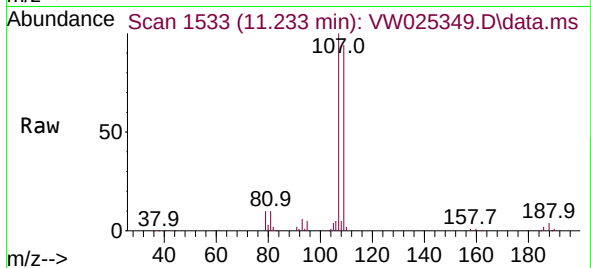
Tgt Ion:107 Resp: 84348

Ion Ratio Lower Upper

107 100

109 94.2 65.9 122.5

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 25.480 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

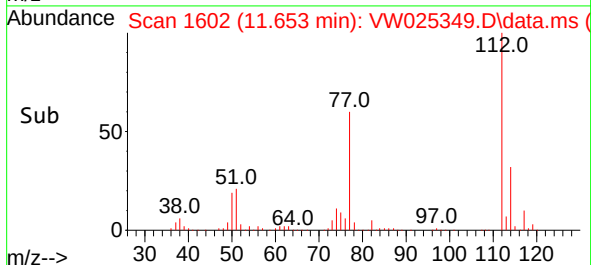
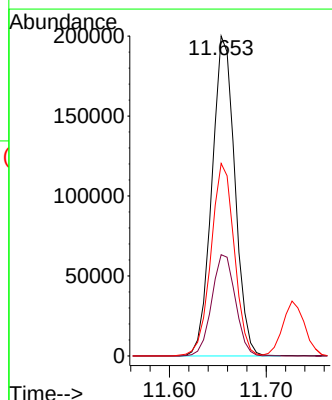
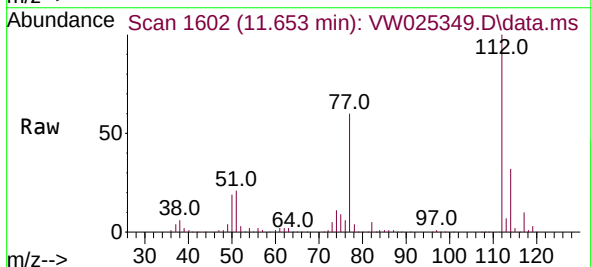
Tgt Ion:112 Resp: 329817

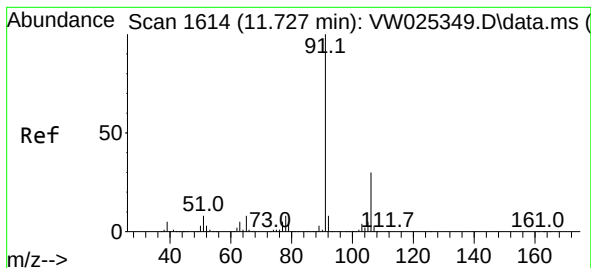
Ion Ratio Lower Upper

112 100

114 31.7 22.2 41.2

77 60.2 48.2 72.2

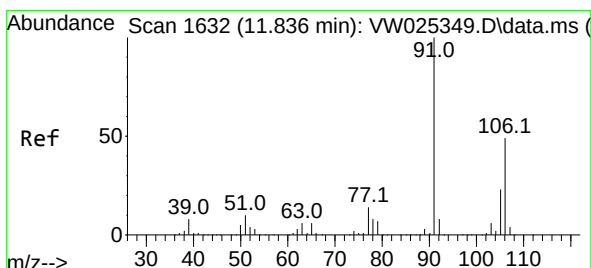
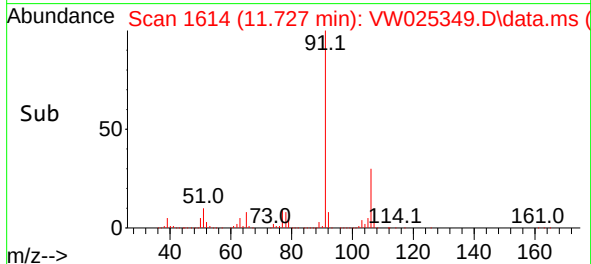
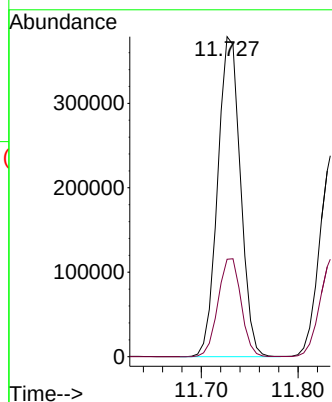
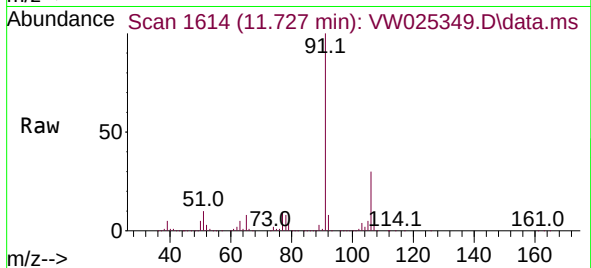




#52
Ethylbenzene
Concen: 26.462 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

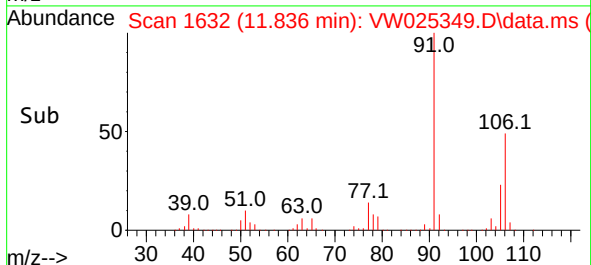
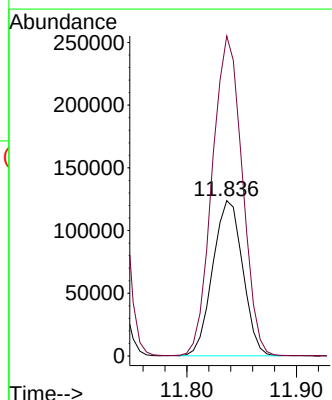
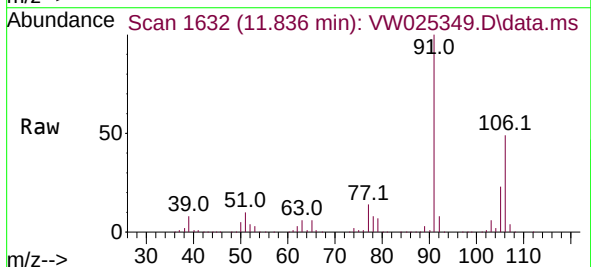
Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

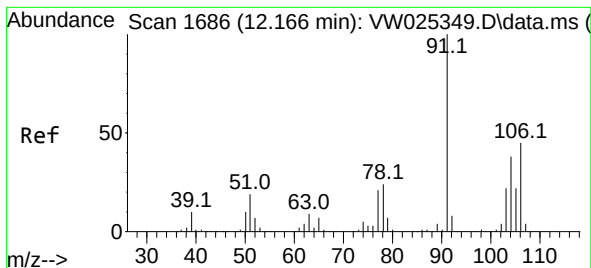
Tgt Ion: 91 Resp: 618039
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.6



#53
m,p-Xylene
Concen: 26.492 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

Tgt Ion: 106 Resp: 235100
Ion Ratio Lower Upper
106 100
91 205.9 144.1 267.7





#54

o-Xylene

Concen: 26.313 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

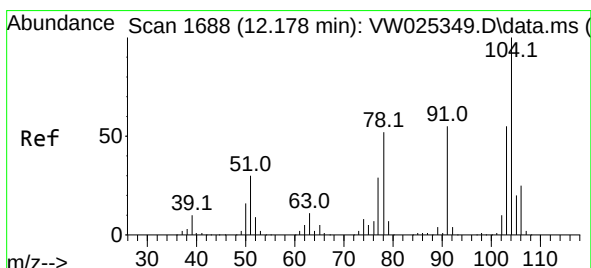
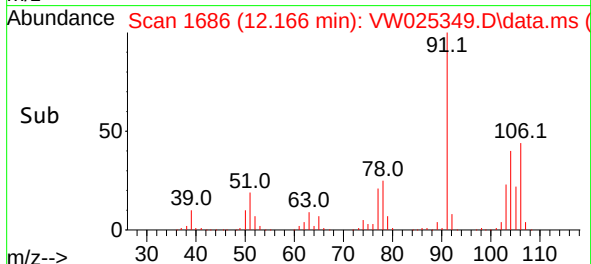
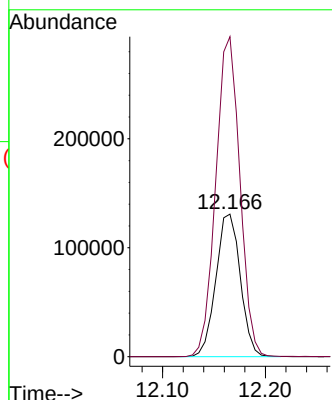
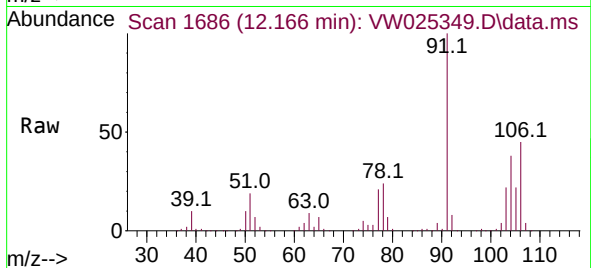
VSTD025427

Tgt Ion:106 Resp: 215876

Ion Ratio Lower Upper

106 100

91 224.4 157.1 291.7



#55

Styrene

Concen: 26.376 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW025349.D

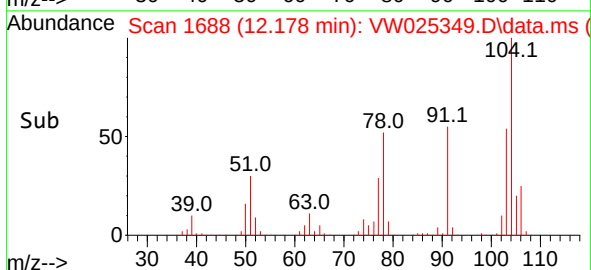
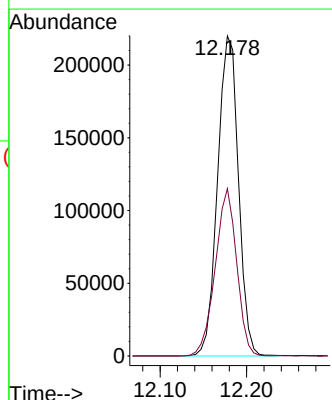
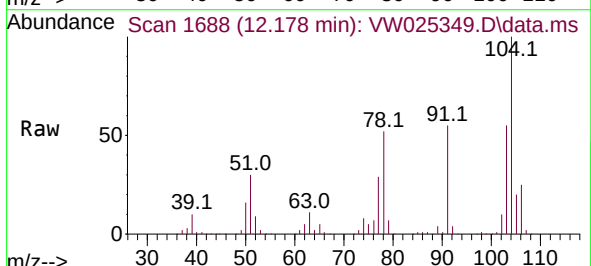
Acq: 22 Feb 2023 09:45

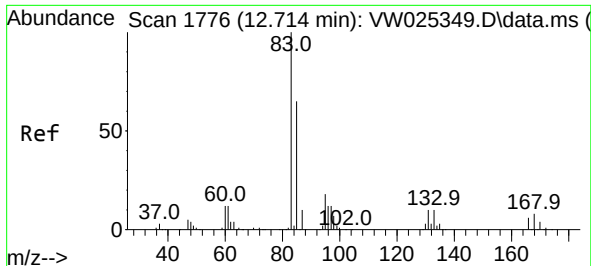
Tgt Ion:104 Resp: 368001

Ion Ratio Lower Upper

104 100

78 52.3 36.6 68.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.376 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025427

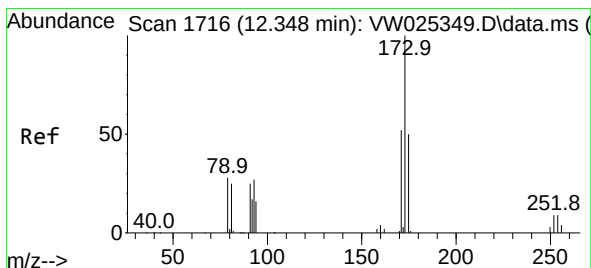
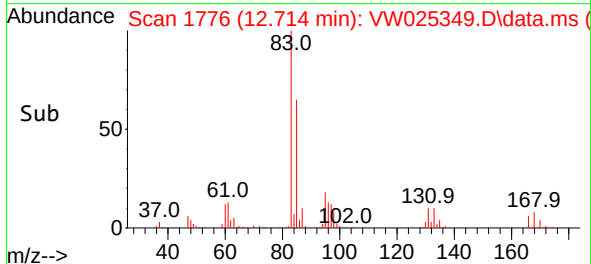
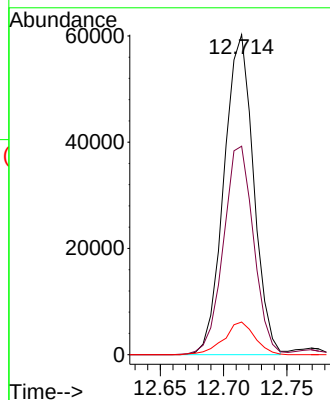
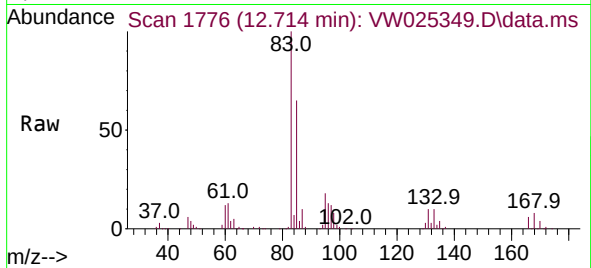
Tgt Ion: 83 Resp: 97855

Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.6

131 10.2 8.2 12.2



#59

Bromoform

Concen: 24.472 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

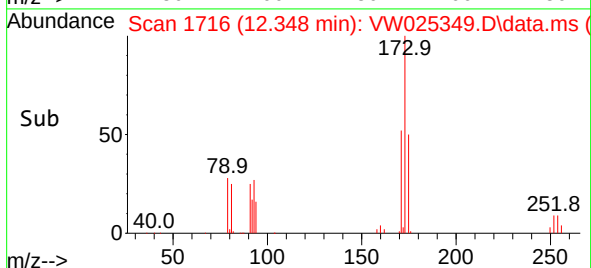
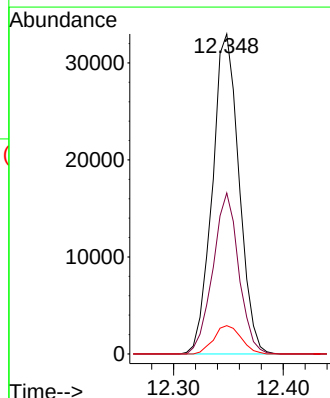
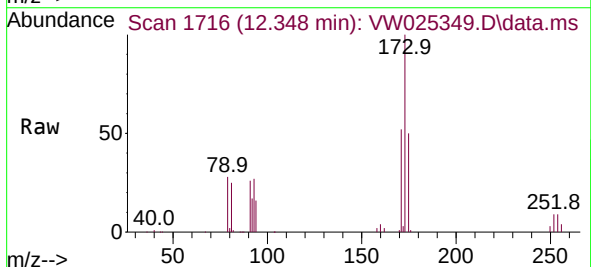
Tgt Ion:173 Resp: 55673

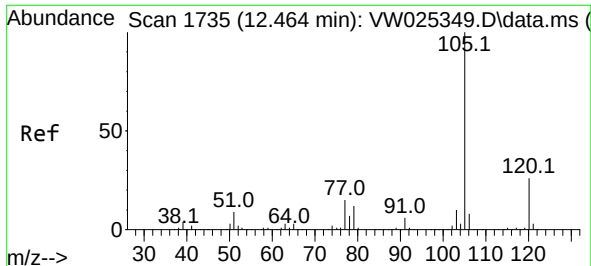
Ion Ratio Lower Upper

173 100

175 48.8 39.0 58.6

254 9.1 7.3 10.9

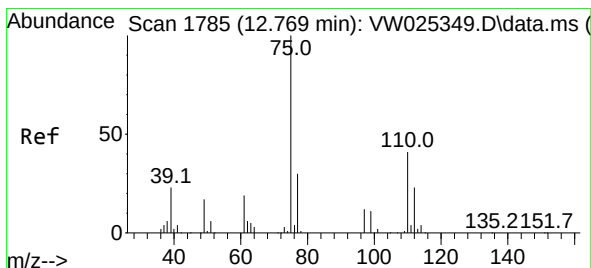
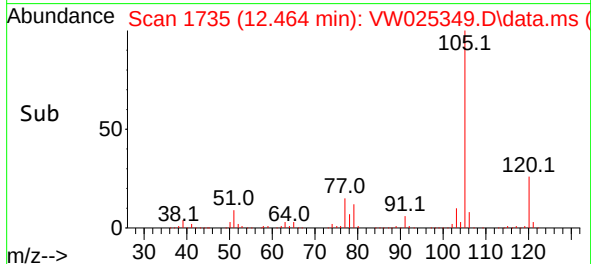
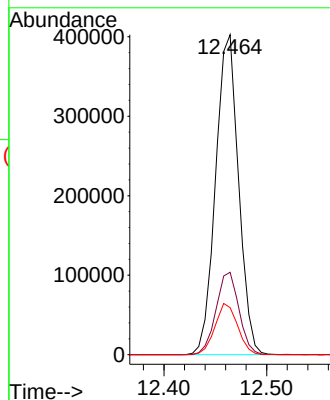
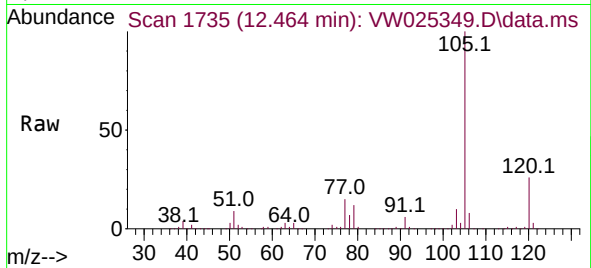




#60
Isopropylbenzene
Concen: 25.087 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

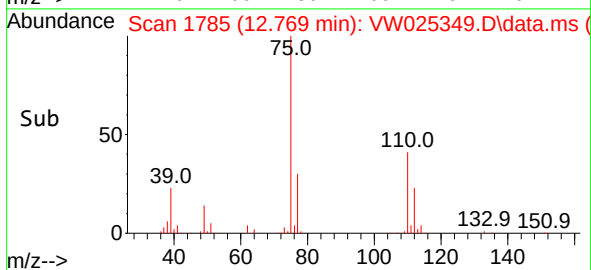
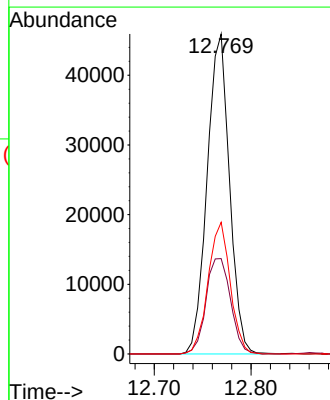
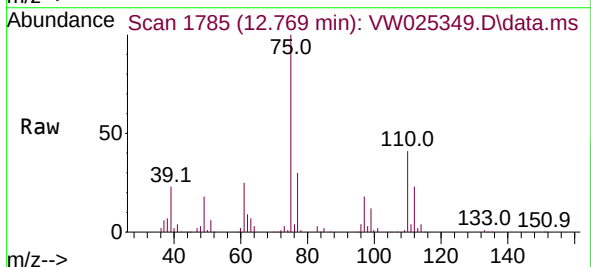
Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

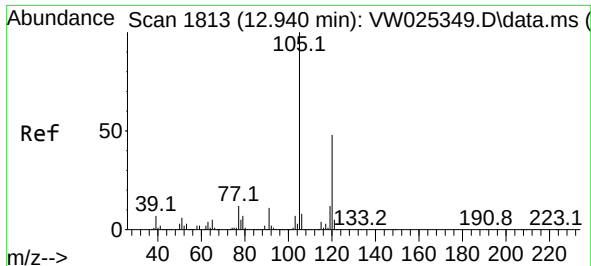
Tgt Ion:105 Resp: 623537
Ion Ratio Lower Upper
105 100
120 25.7 20.6 30.8
77 15.9 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 24.513 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

Tgt Ion: 75 Resp: 73804
Ion Ratio Lower Upper
75 100
77 32.9 26.3 39.5
110 40.8 32.6 49.0





#62

1,3,5-Trimethylbenzene

Concen: 25.823 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

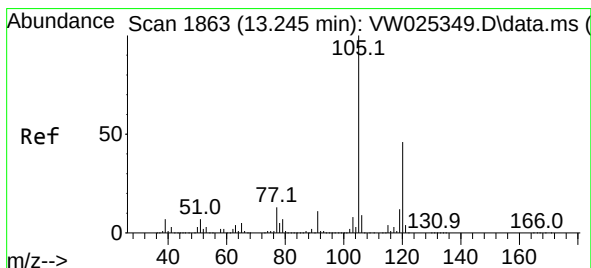
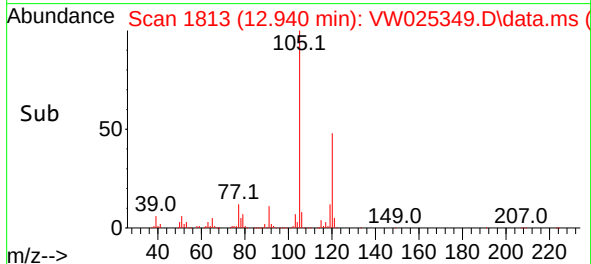
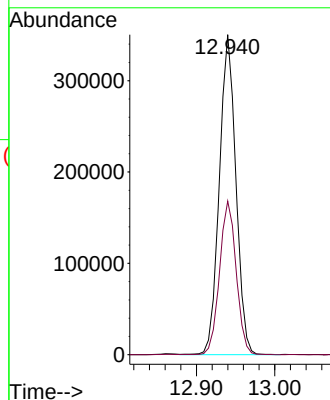
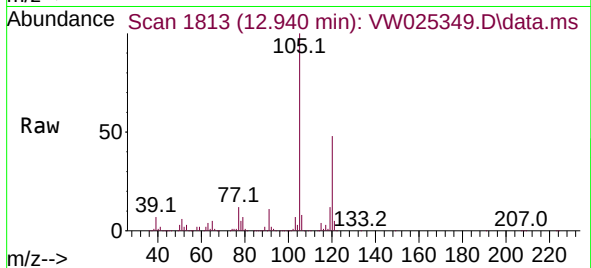
VSTD025427

Tgt Ion:105 Resp: 515463

Ion Ratio Lower Upper

105 100

120 48.2 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 27.105 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW025349.D

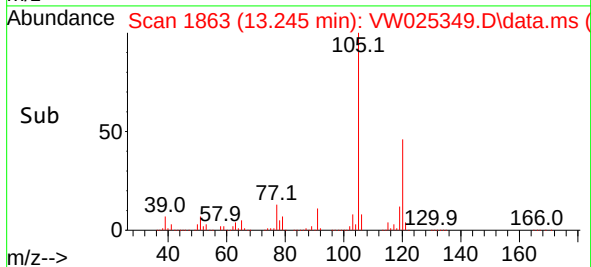
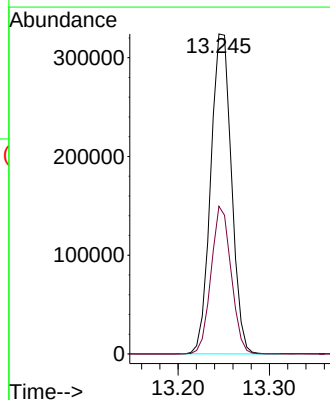
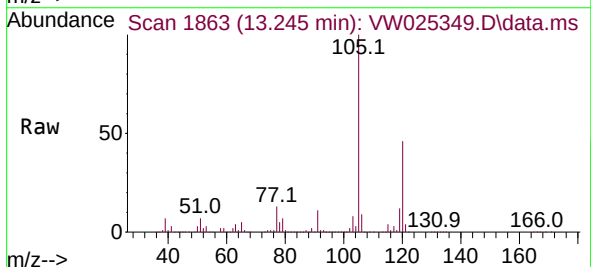
Acq: 22 Feb 2023 09:45

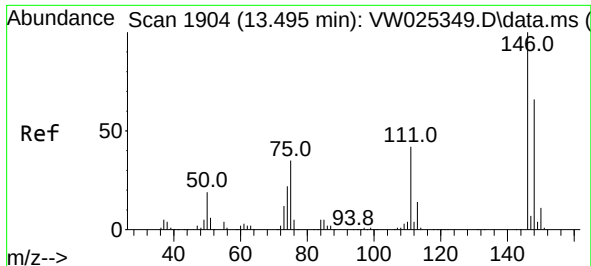
Tgt Ion:105 Resp: 512140

Ion Ratio Lower Upper

105 100

120 44.5 35.6 53.4

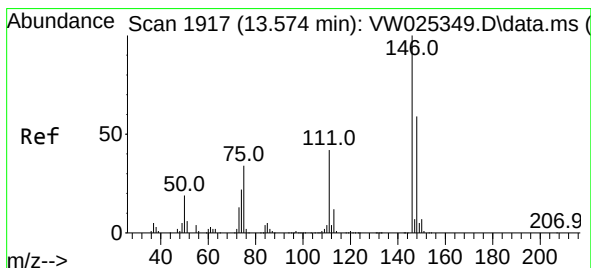
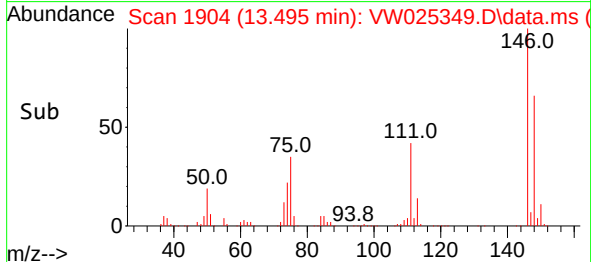
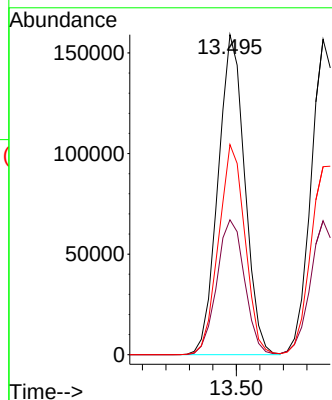
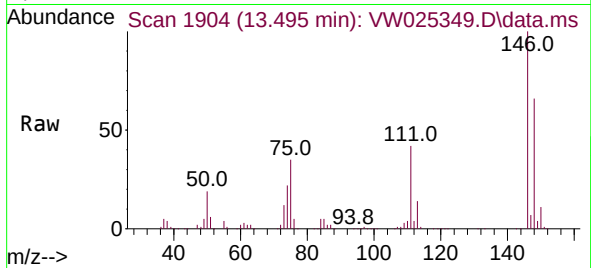




#64
1,3-Dichlorobenzene
Concen: 25.831 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

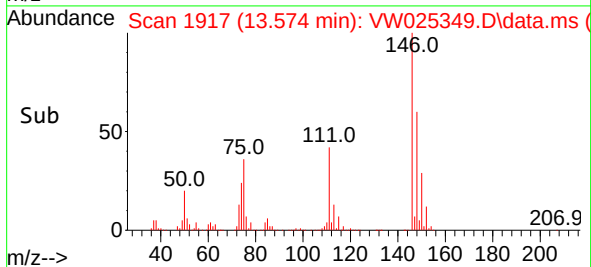
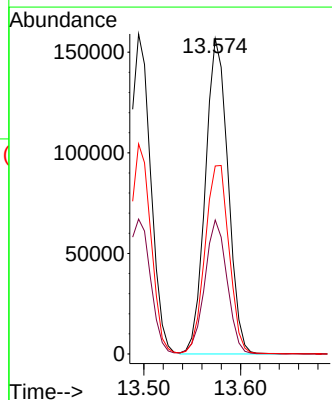
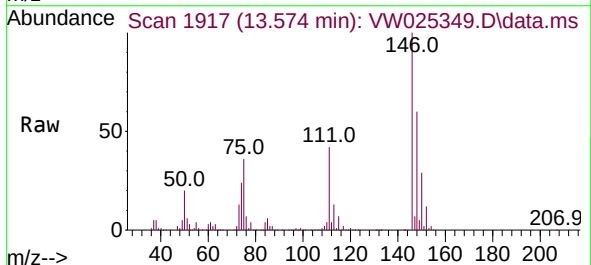
Instrument :
MSVOA_W
ClientSampleId :
VSTD025427

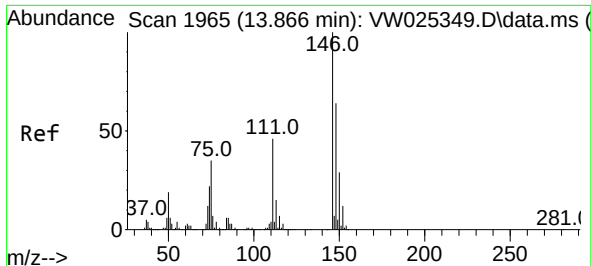
Tgt Ion:146 Resp: 251046
Ion Ratio Lower Upper
146 100
111 42.1 29.5 54.7
148 65.7 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 26.273 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025349.D
Acq: 22 Feb 2023 09:45

Tgt Ion:146 Resp: 255991
Ion Ratio Lower Upper
146 100
111 42.5 29.8 55.3
148 59.6 41.7 77.5





#67

1,2-Dichlorobenzene

Concen: 25.167 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025427

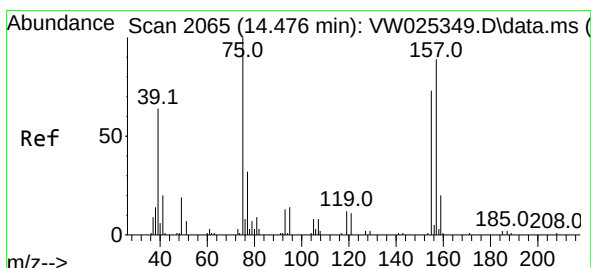
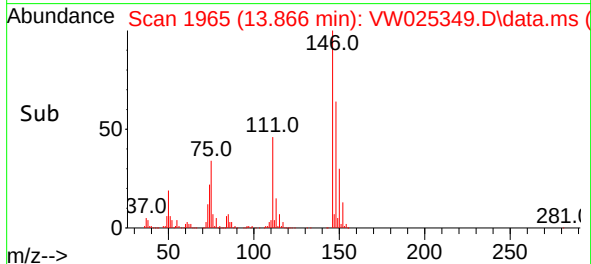
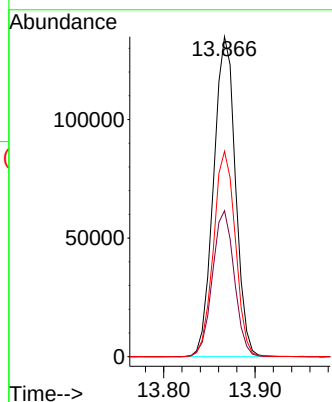
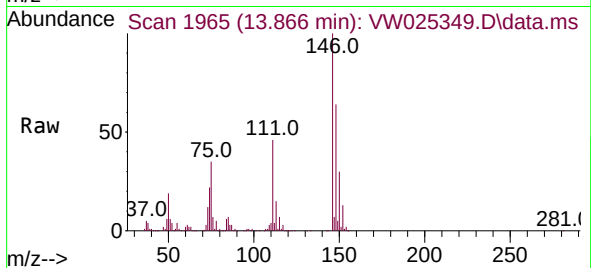
Tgt Ion:146 Resp: 224297

Ion Ratio Lower Upper

146 100

111 45.6 36.5 54.7

148 64.2 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.206 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

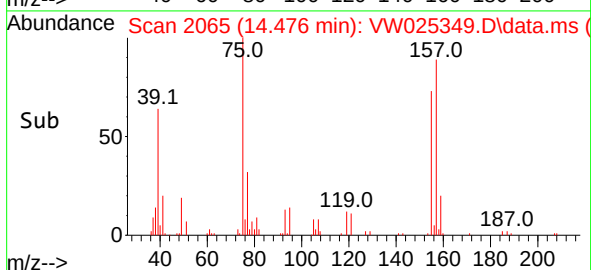
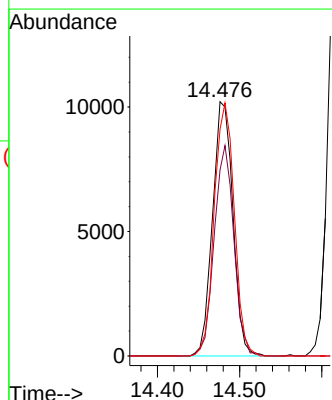
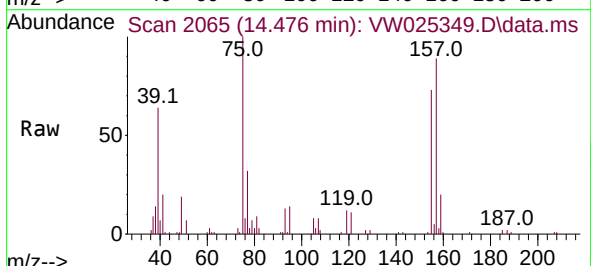
Tgt Ion: 75 Resp: 17535

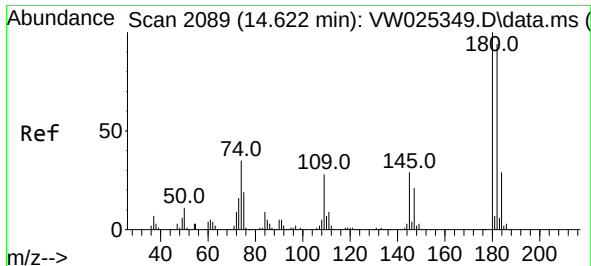
Ion Ratio Lower Upper

75 100

155 73.2 58.6 87.8

157 89.2 71.4 107.0

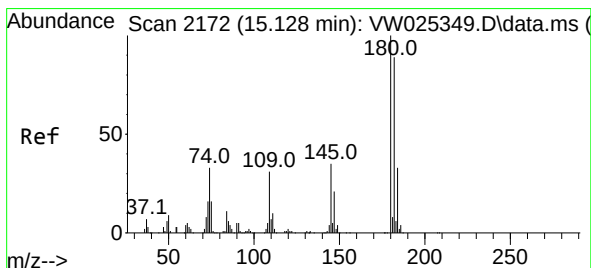
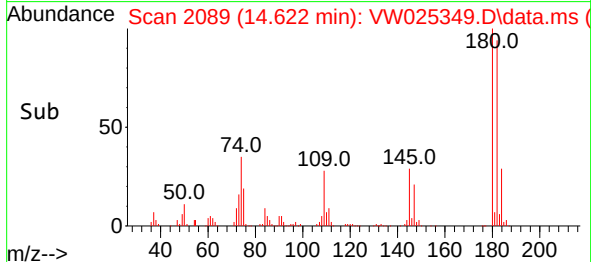
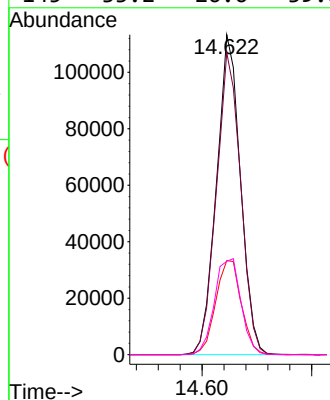
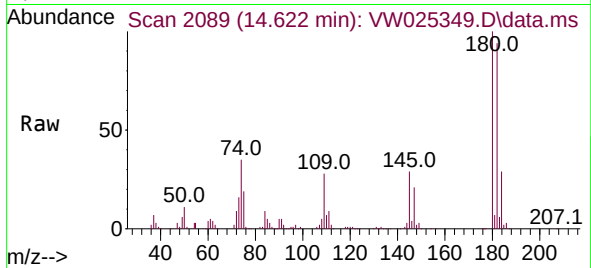




#69
 1,3,5-Trichlorobenzene
 Concen: 25.899 ug/L
 RT: 14.622 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW025349.D
 Acq: 22 Feb 2023 09:45

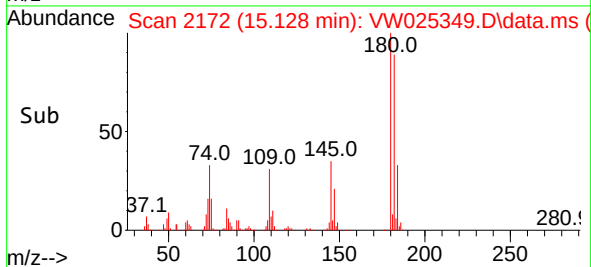
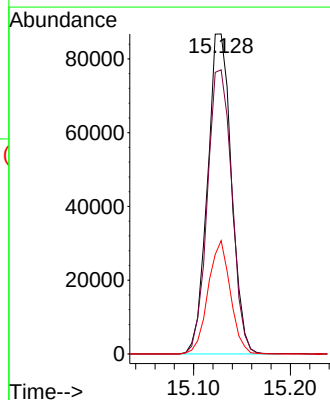
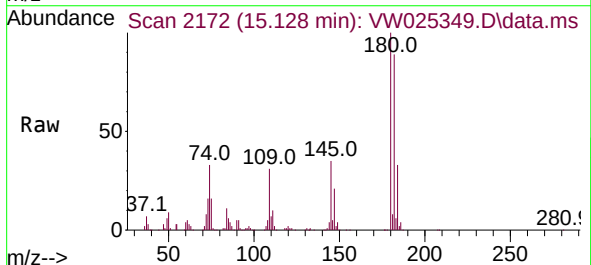
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025427

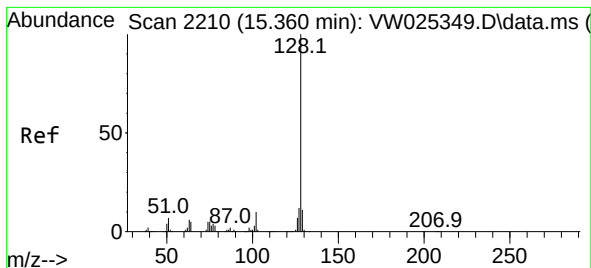
Tgt Ion:180 Resp: 172291
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.5 114.7
 184 31.5 25.2 37.8
 145 33.2 26.6 39.8



#70
 1,2,4-trichlorobenzene
 Concen: 25.852 ug/L
 RT: 15.128 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW025349.D
 Acq: 22 Feb 2023 09:45

Tgt Ion:180 Resp: 149229
 Ion Ratio Lower Upper
 180 100
 182 90.8 72.6 109.0
 145 33.0 26.4 39.6





#71

Naphthalene

Concen: 26.133 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD025427

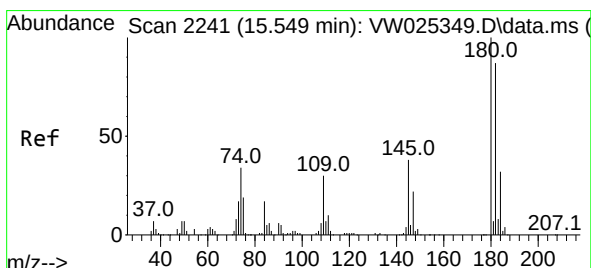
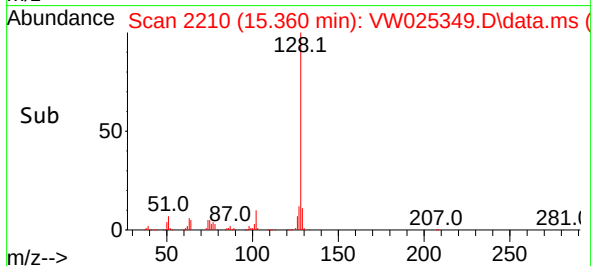
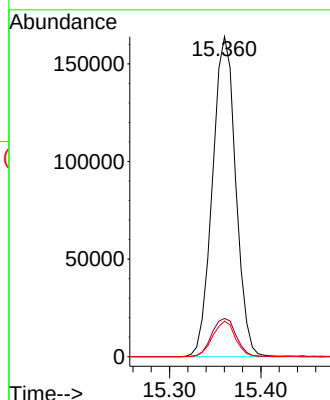
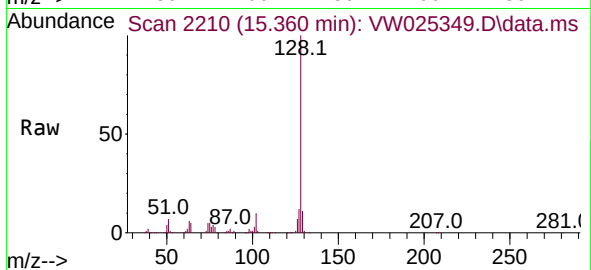
Tgt Ion:128 Resp: 290056

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 24.921 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW025349.D

Acq: 22 Feb 2023 09:45

Tgt Ion:180 Resp: 122170

Ion Ratio Lower Upper

180 100

182 95.8 76.6 115.0

145 36.6 29.3 43.9

