

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031524\
 Data File : VW028203.D
 Acq On : 15 Mar 2024 11:18
 Operator : SY/MD
 Sample : P1742-21MSD
 Misc : 4.80g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0755MSD

Quant Time: Mar 18 01:30:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 18 01:23:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	283444	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	245717	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	108250	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	74776	22.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.200%
7) Chloroethane-d5	2.899	69	53885	23.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.040%
11) 1,1-Dichloroethene-d2	4.027	65	48144	22.892	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.560%
21) 2-Butanone-d5	7.075	46	49730	50.841	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.680%
24) Chloroform-d	7.648	84	205288	24.562	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.240%
26) 1,2-Dichloroethane-d4	8.307	65	114020	24.755	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	8.276	84	390847	26.053	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	9.276	67	112428	26.042	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.160%
41) Toluene-d8	10.319	98	353121	25.519	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.080%
43) trans-1,3-Dichloroprop...	10.575	79	50428	25.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.880%
47) 2-Hexanone-d5	10.922	63	41811	58.590	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	82672	25.923	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	96307	24.422	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	64219	15.618	ug/L #	85
3) Chloromethane	2.222	50	53879	18.475	ug/L	98
5) Vinyl chloride	2.375	62	61002	18.505	ug/L	97
6) Bromomethane	2.796	94	36540	18.612	ug/L	93
8) Chloroethane	2.936	64	33310	18.800	ug/L	92
9) Trichlorofluoromethane	3.271	101	79005	19.823	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	70398	17.780	ug/L	100
12) 1,1-Dichloroethene	4.045	96	67968	18.570	ug/L	90
13) Acetone	4.118	43	46730	43.027	ug/L	99
14) Carbon disulfide	4.393	76	208159	18.234	ug/L	98
15) Methyl Acetate	4.673	43	30258	18.087	ug/L	100
16) Methylene chloride	4.923	84	69460	16.101	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	71917	18.489	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	116832	19.908	ug/L	99
19) 1,1-Dichloroethane	6.222	63	140337	18.636	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	78158	18.605	ug/L	96
22) 2-Butanone	7.173	43	48725	39.515	ug/L	95
23) Bromochloromethane	7.514	128	34107	18.364	ug/L	92
25) Chloroform	7.679	83	144921	18.694	ug/L	98

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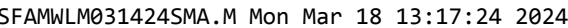
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 ClientSampleId :
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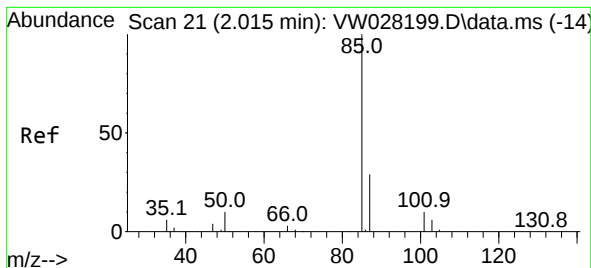
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 Quant Title : SFAM01.0
 QLast Update : Mon Mar 18 01:23:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	101088	18.464	ug/L	99
29) Cyclohexane	7.959	56	117551	18.341	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	127553	19.803	ug/L	99
31) Carbon tetrachloride	8.069	117	115456	19.110	ug/L	99
33) Benzene	8.325	78	298444	19.738	ug/L	100
34) Trichloroethene	9.093	95	80048	18.976	ug/L	96
35) Methylcyclohexane	9.331	83	111989	15.706	ug/L	98
37) 1,2-Dichloropropane	9.368	63	74802	19.341	ug/L	99
38) Bromodichloromethane	9.642	83	101093	19.388	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	124263	20.063	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	89064	41.721	ug/L	99
42) Toluene	10.386	91	318751	19.316	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	104718	20.026	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	53742	19.233	ug/L	99
46) Tetrachloroethene	10.861	164	247396	72.755	ug/L	95
48) 2-Hexanone	10.965	43	73306	43.837	ug/L	97
49) Dibromochloromethane	11.123	129	62976	19.030	ug/L	93
50) 1,2-Dibromoethane	11.233	107	50708	18.979	ug/L #	98
51) Chlorobenzene	11.654	112	188272	17.975	ug/L	98
52) Ethylbenzene	11.727	91	351700	18.257	ug/L	99
53) m,p-Xylene	11.837	106	131439	18.131	ug/L	98
54) o-Xylene	12.160	106	125754	18.706	ug/L	95
55) Styrene	12.178	104	213975	18.531	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	60864	19.043	ug/L	98
59) Bromoform	12.343	173	37222	22.947	ug/L	99
60) Isopropylbenzene	12.458	105	340622	21.178	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	46614	22.563	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	218105	20.211	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	264350	20.287	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	130555	18.195	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	135221	18.846	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	115242	18.650	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	10622	21.887	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	67460	13.497	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	51662	12.167	ug/L	98
71) Naphthalene	15.360	128	121395	16.657	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	37991	10.854	ug/L	96

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

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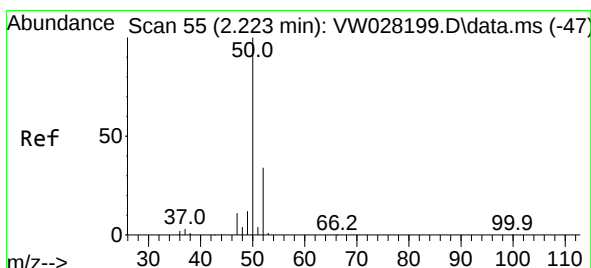
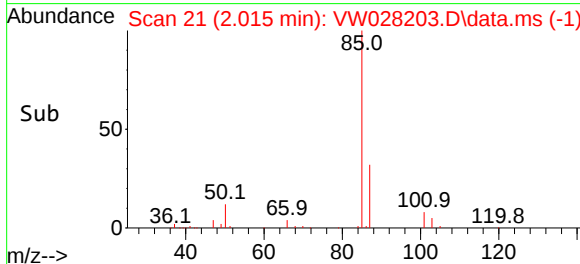
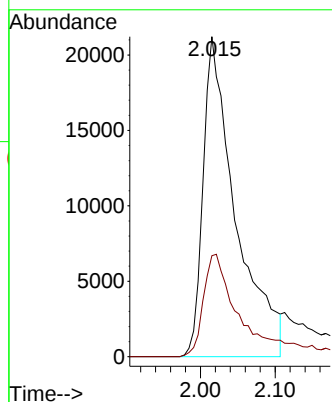
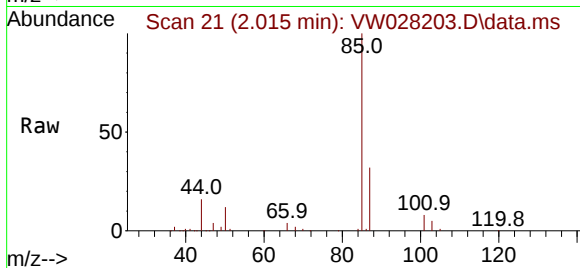




#2
Dichlorodifluoromethane
Concen: 15.618 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028203.D
Acq: 15 Mar 2024 11:18

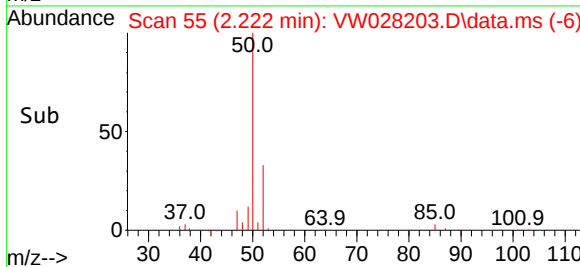
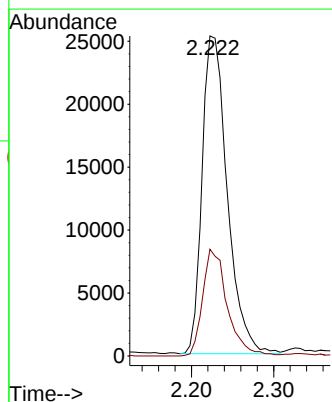
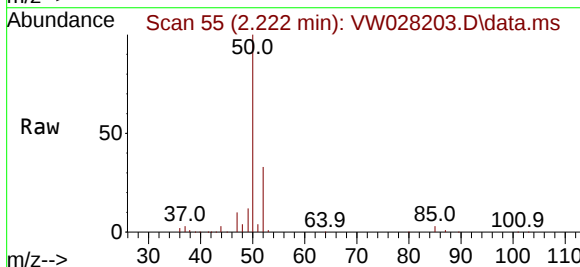
Instrument :
MSVOA_W
ClientSampleId :
E0755MSD

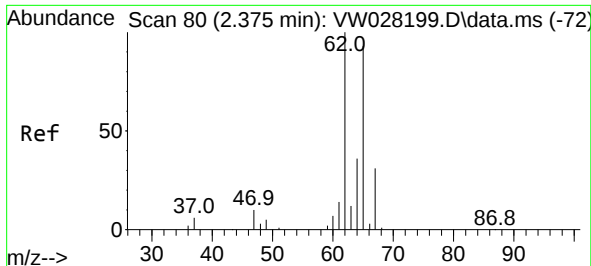
Tgt Ion: 85 Resp: 64219
Ion Ratio Lower Upper
85 100
87 34.0 20.9 31.3#



#3
Chloromethane
Concen: 18.475 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW028203.D
Acq: 15 Mar 2024 11:18

Tgt Ion: 50 Resp: 53879
Ion Ratio Lower Upper
50 100
52 33.4 22.7 42.1

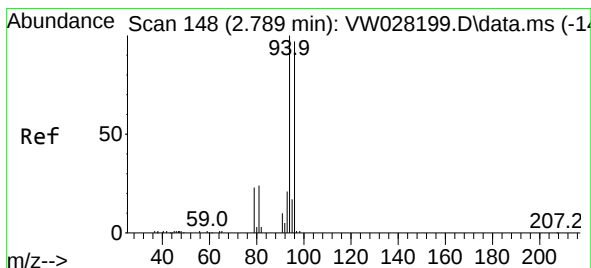
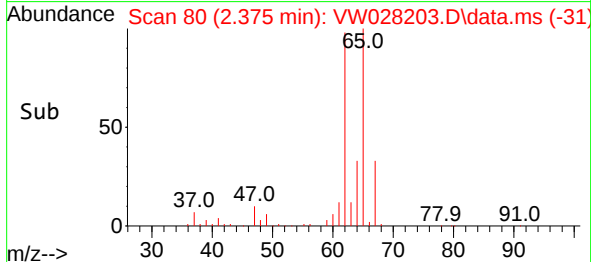
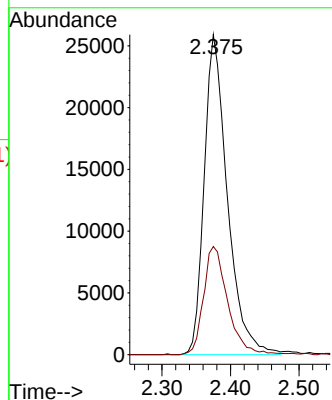
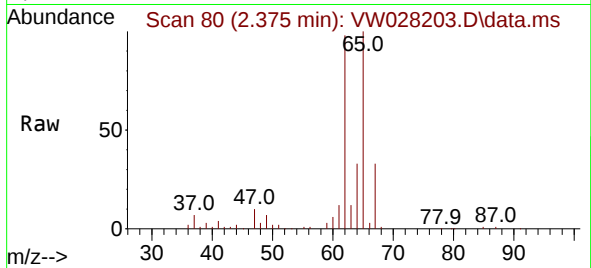




#5
 Vinyl chloride
 Concen: 18.505 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028203.D
 Acq: 15 Mar 2024 11:18

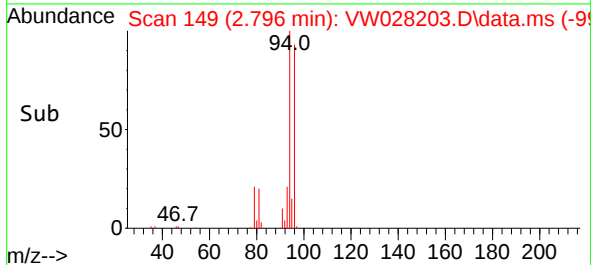
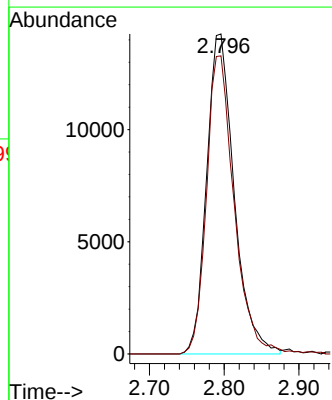
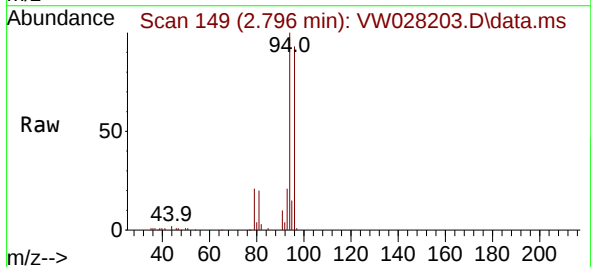
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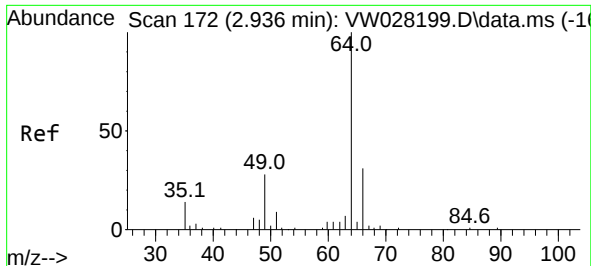
Tgt Ion: 62 Resp: 61002
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.5 41.7



#6
 Bromomethane
 Concen: 18.612 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028203.D
 Acq: 15 Mar 2024 11:18

Tgt Ion: 94 Resp: 36540
 Ion Ratio Lower Upper
 94 100
 96 93.2 60.8 113.0

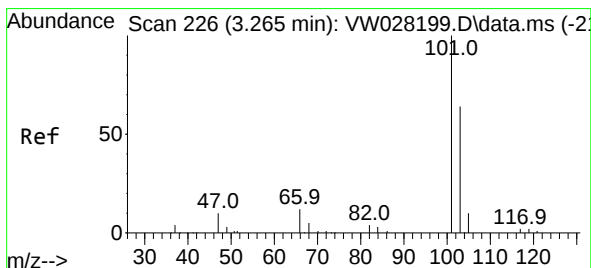
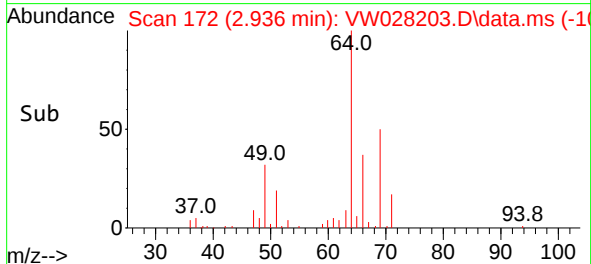
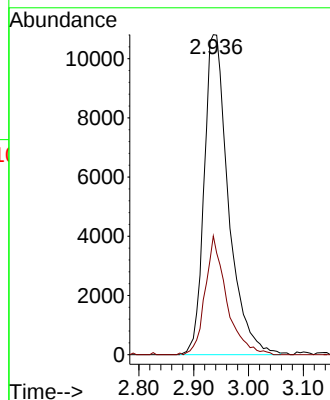
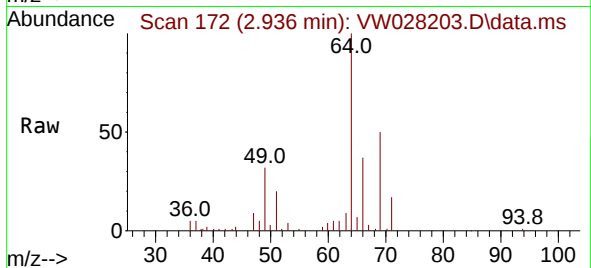




#8
Chloroethane
Concen: 18.800 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028203.D
Acq: 15 Mar 2024 11:18

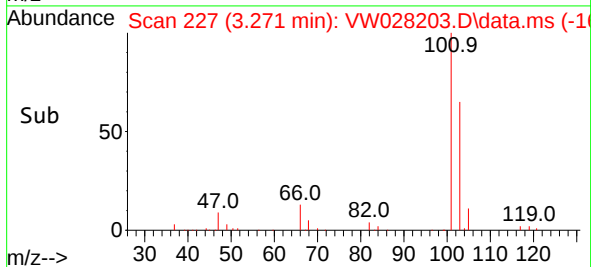
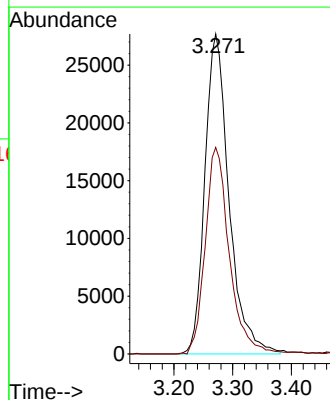
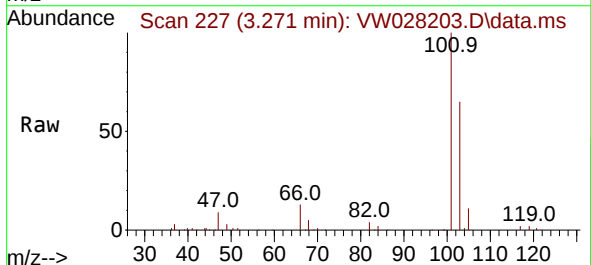
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ClientSampleId :
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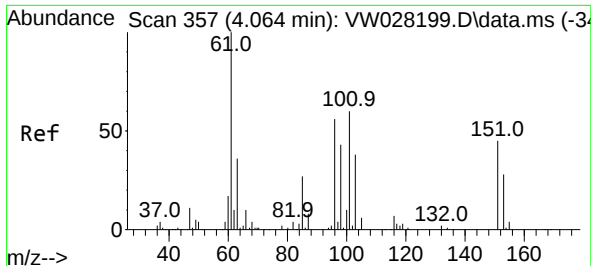
Tgt Ion: 64 Resp: 33310
Ion Ratio Lower Upper
64 100
66 37.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 19.823 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW028203.D
Acq: 15 Mar 2024 11:18

Tgt Ion:101 Resp: 79005
Ion Ratio Lower Upper
101 100
103 64.3 50.9 76.3

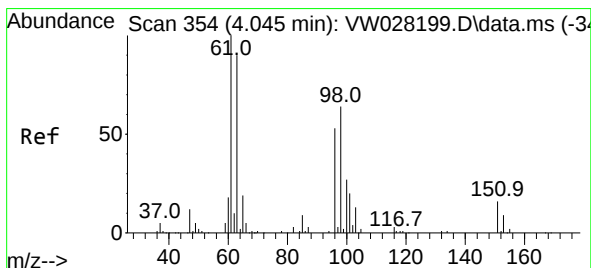
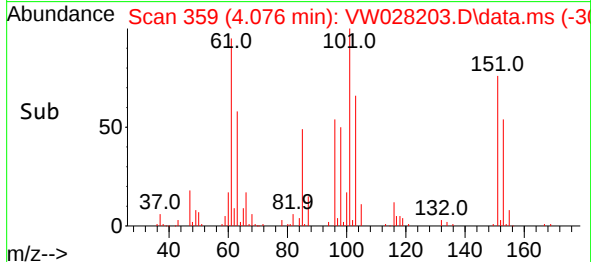
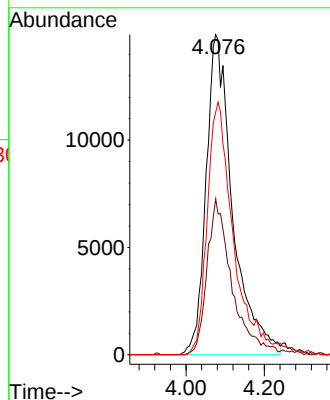
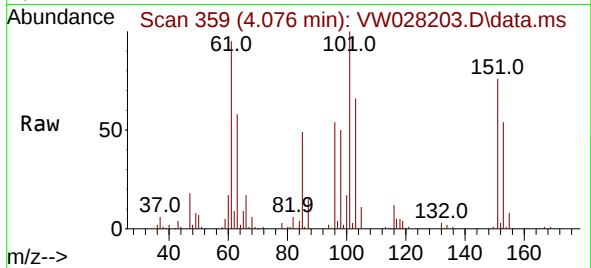




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.780 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.012 min
 Lab File: VW028203.D
 Acq: 15 Mar 2024 11:18

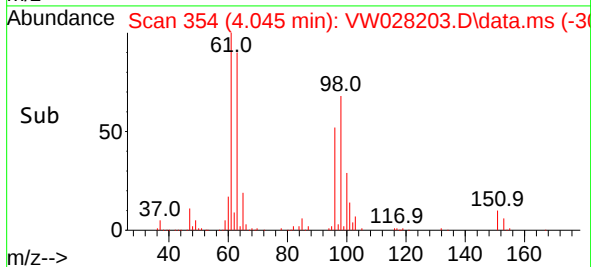
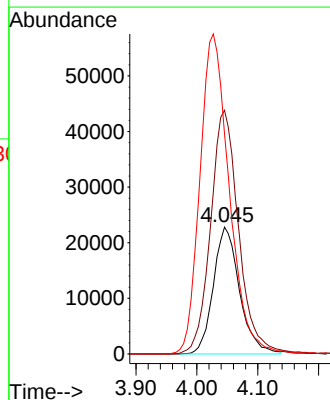
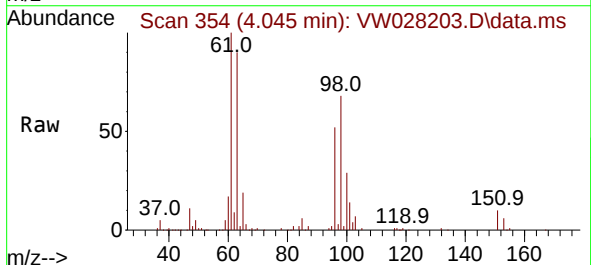
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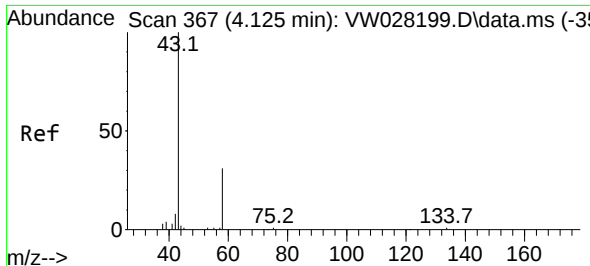
Tgt Ion:101 Resp: 70398
 Ion Ratio Lower Upper
 101 100
 85 44.8 36.4 54.6
 151 72.9 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 18.570 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW028203.D
 Acq: 15 Mar 2024 11:18

Tgt Ion: 96 Resp: 67968
 Ion Ratio Lower Upper
 96 100
 61 192.1 132.2 245.4
 63 173.5 104.6 194.2





#13

Acetone

Concen: 43.027 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

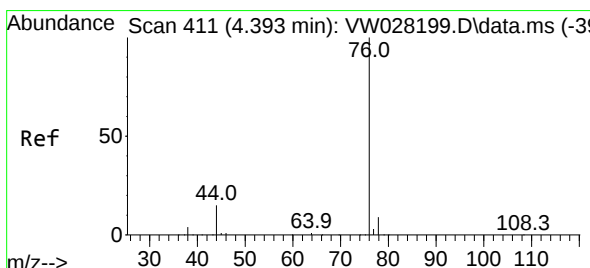
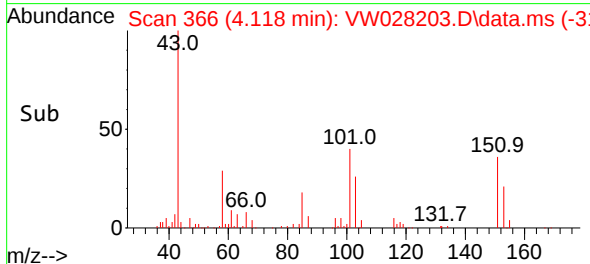
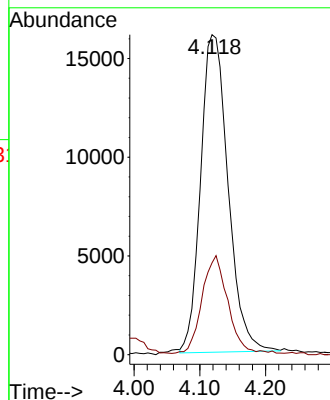
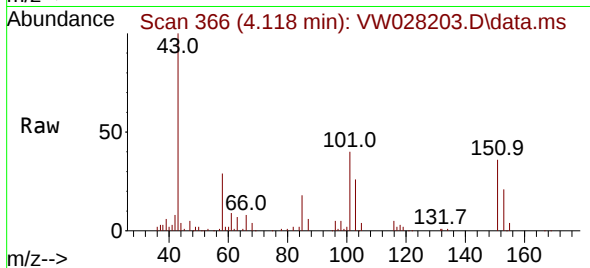
E0755MSD

Tgt Ion: 43 Resp: 46730

Ion Ratio Lower Upper

43 100

58 29.5 0.0 57.8



#14

Carbon disulfide

Concen: 18.234 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW028203.D

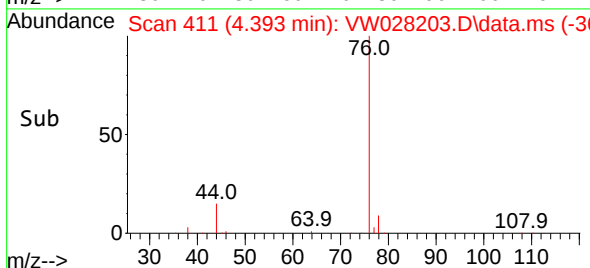
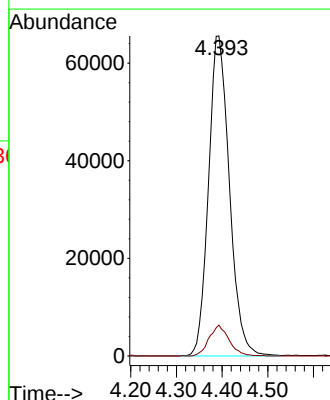
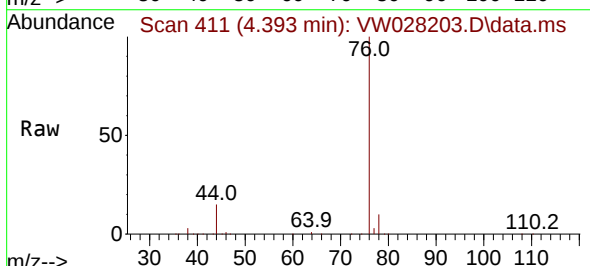
Acq: 15 Mar 2024 11:18

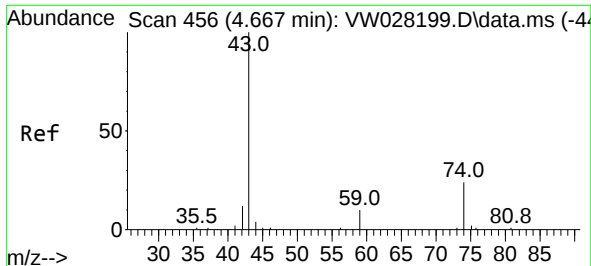
Tgt Ion: 76 Resp: 208159

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7

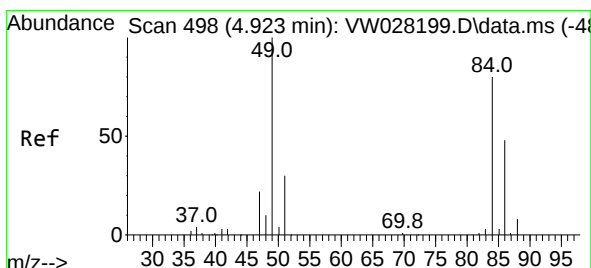
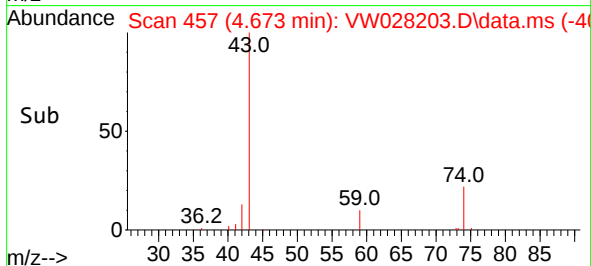
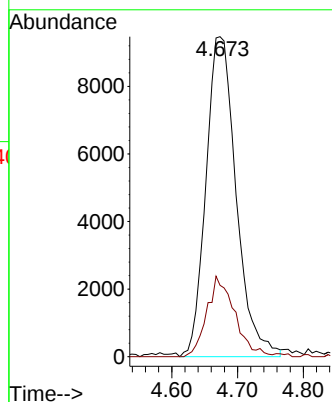
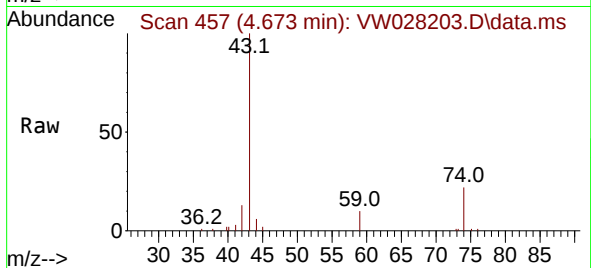




#15
Methyl Acetate
Concen: 18.087 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW028203.D
Acq: 15 Mar 2024 11:18

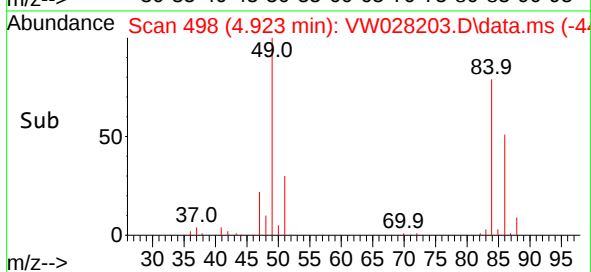
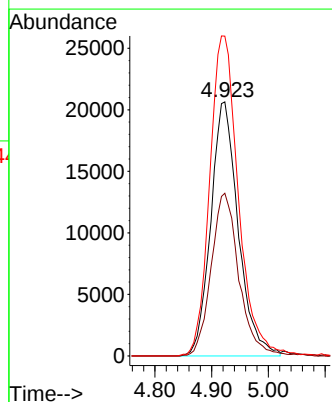
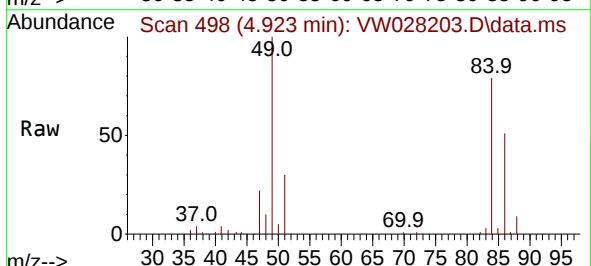
Instrument :
MSVOA_W
ClientSampleId :
E0755MSD

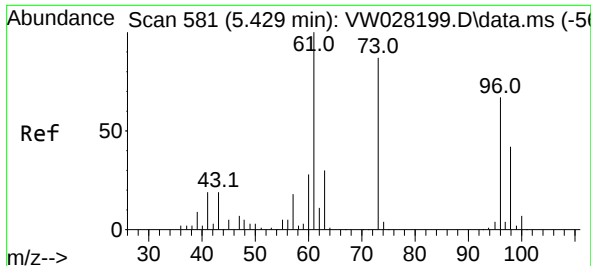
Tgt Ion: 43 Resp: 30258
Ion Ratio Lower Upper
43 100
74 22.6 18.2 27.2



#16
Methylene chloride
Concen: 16.101 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW028203.D
Acq: 15 Mar 2024 11:18

Tgt Ion: 84 Resp: 69460
Ion Ratio Lower Upper
84 100
86 64.0 43.1 80.1
49 125.9 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 18.489 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

E0755MSD

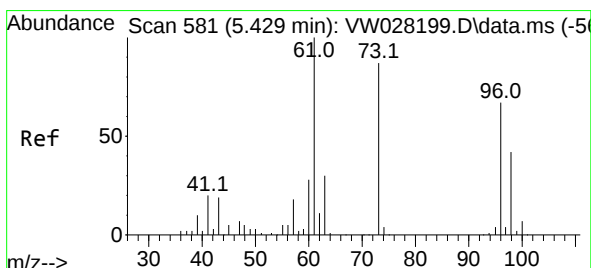
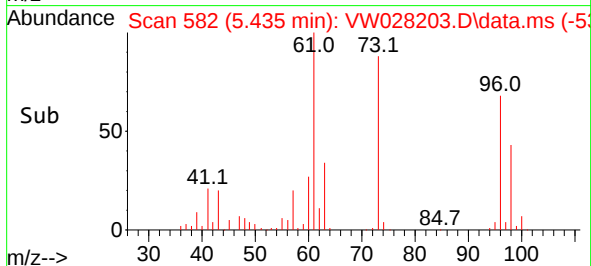
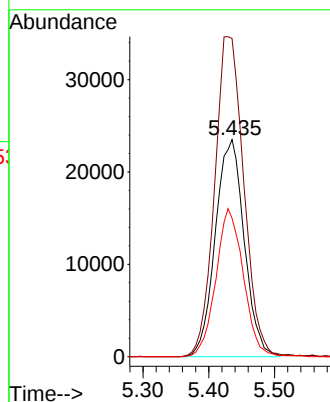
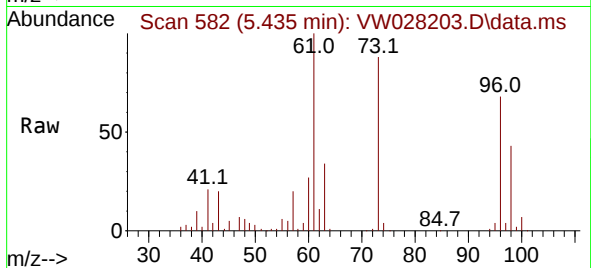
Tgt Ion: 96 Resp: 71917

Ion Ratio Lower Upper

96 100

61 146.6 98.4 182.8

98 63.7 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 19.908 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

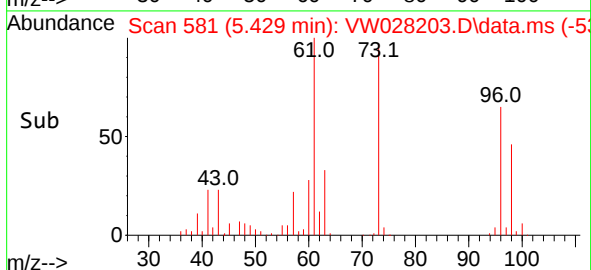
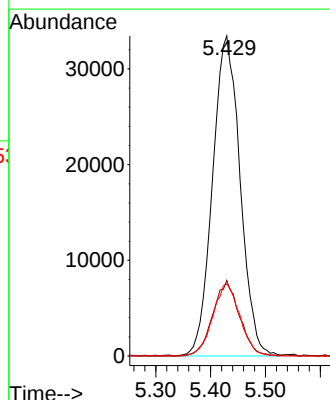
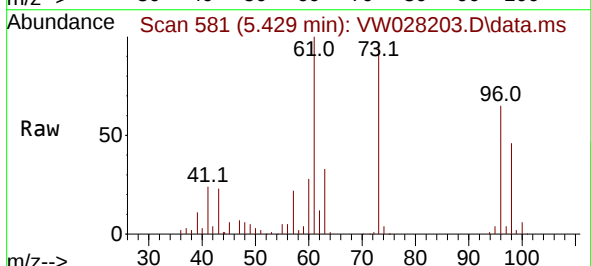
Tgt Ion: 73 Resp: 116832

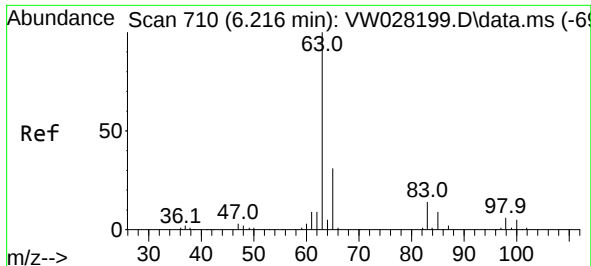
Ion Ratio Lower Upper

73 100

43 22.7 18.2 27.4

57 22.2 17.4 26.2





#19

1,1-Dichloroethane

Concen: 18.636 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

E0755MSD

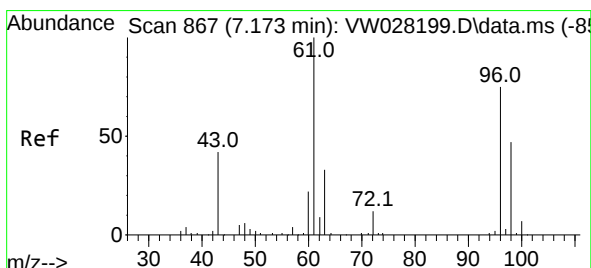
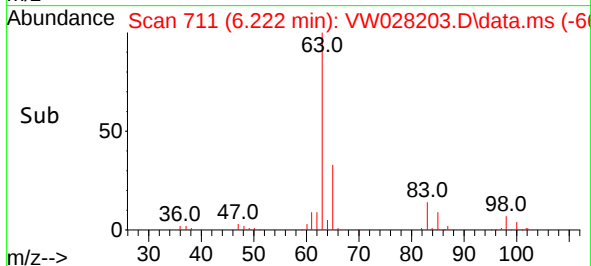
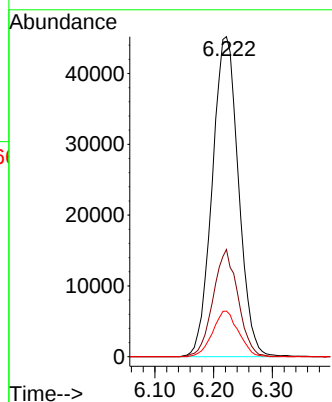
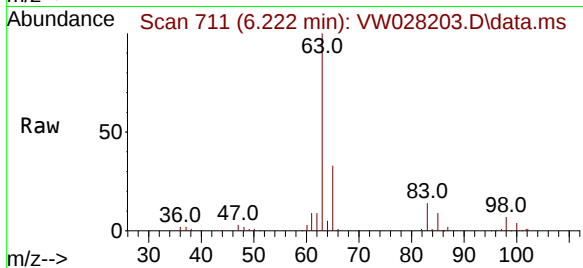
Tgt Ion: 63 Resp: 140337

Ion Ratio Lower Upper

63 100

65 33.5 22.1 41.1

83 14.2 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 18.605 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

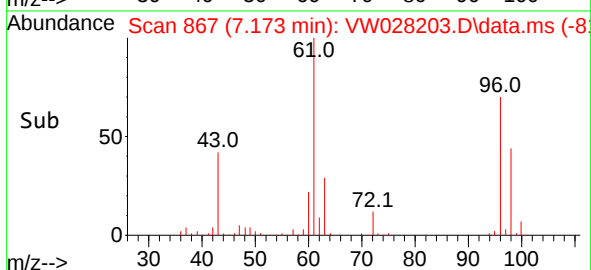
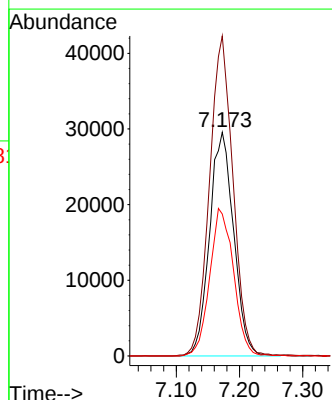
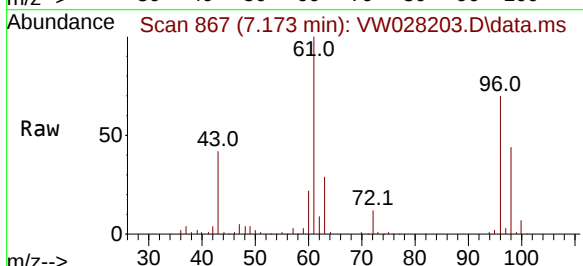
Tgt Ion: 96 Resp: 78158

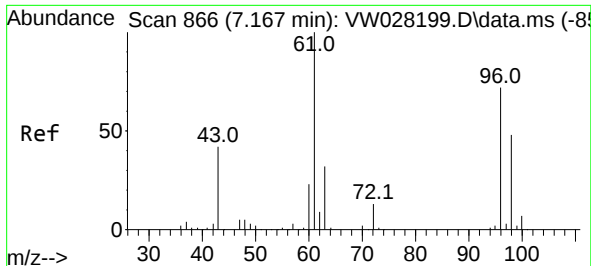
Ion Ratio Lower Upper

96 100

61 143.1 95.7 177.7

98 63.5 43.9 81.5

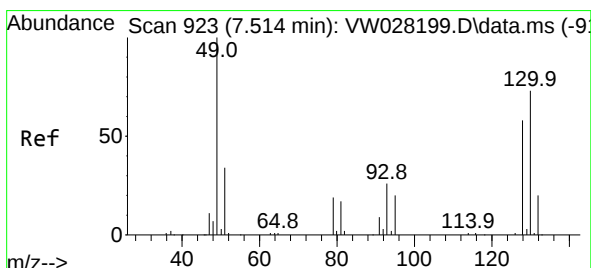
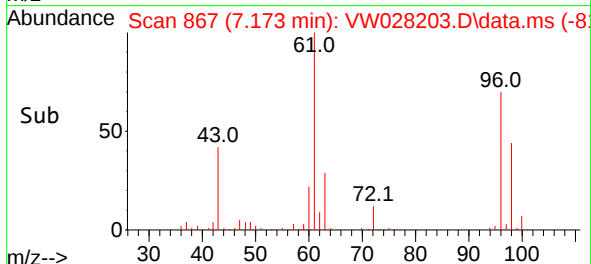
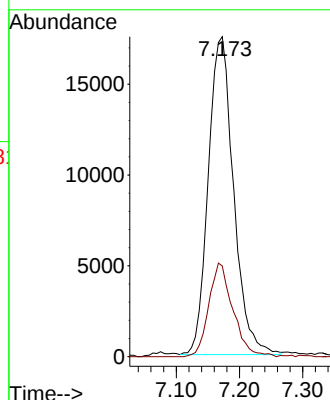
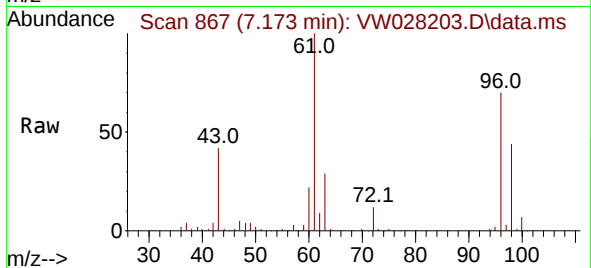




#22
2-Butanone
Concen: 39.515 ug/L
RT: 7.173 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW028203.D
Acq: 15 Mar 2024 11:18

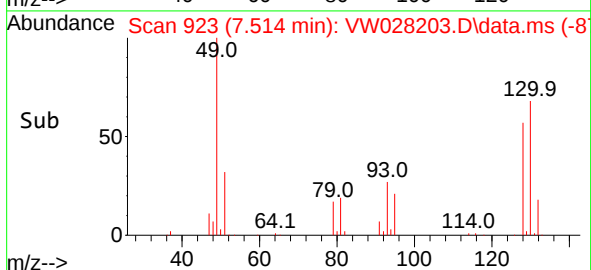
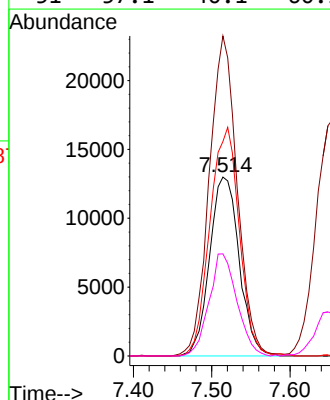
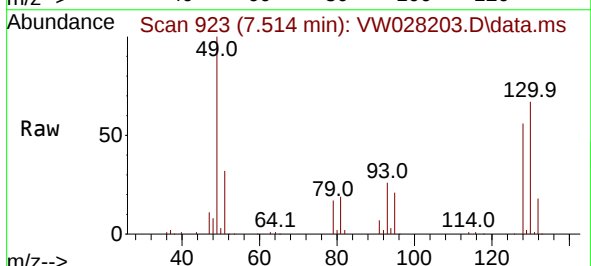
Instrument :
MSVOA_W
ClientSampleId :
E0755MSD

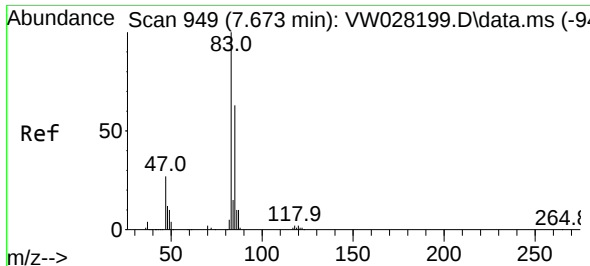
Tgt Ion: 43 Resp: 48725
Ion Ratio Lower Upper
43 100
72 28.0 12.8 38.4



#23
Bromochloromethane
Concen: 18.364 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028203.D
Acq: 15 Mar 2024 11:18

Tgt Ion: 128 Resp: 34107
Ion Ratio Lower Upper
128 100
49 178.9 116.6 216.6
130 119.8 80.1 148.7
51 57.1 40.1 60.1

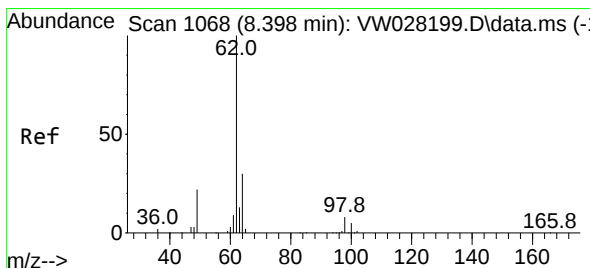
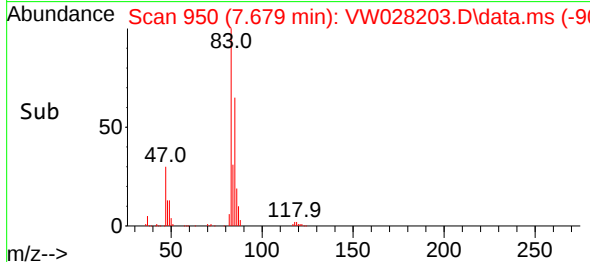
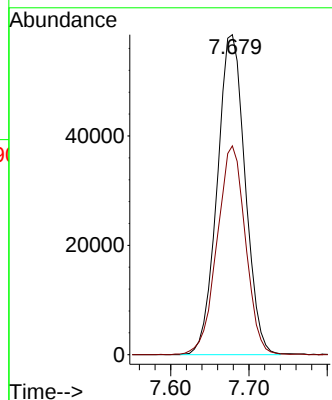
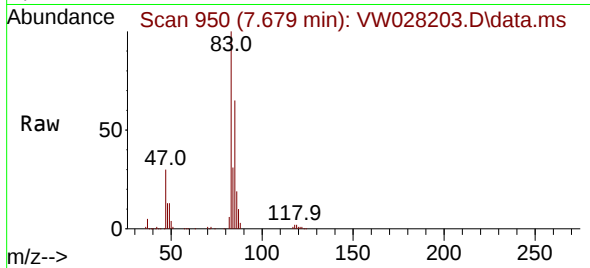




#25
Chloroform
Concen: 18.694 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW028203.D
Acq: 15 Mar 2024 11:18

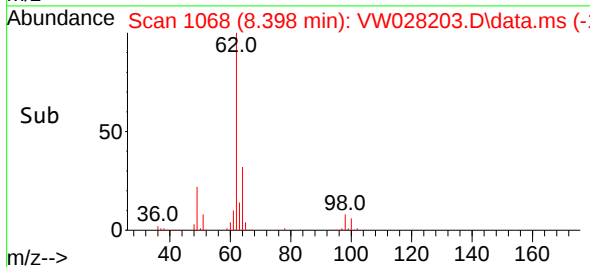
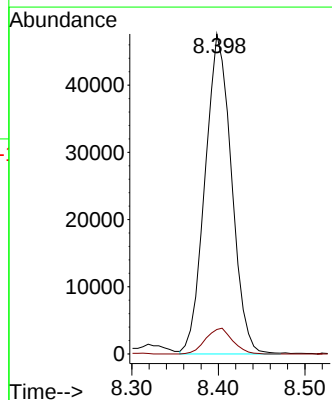
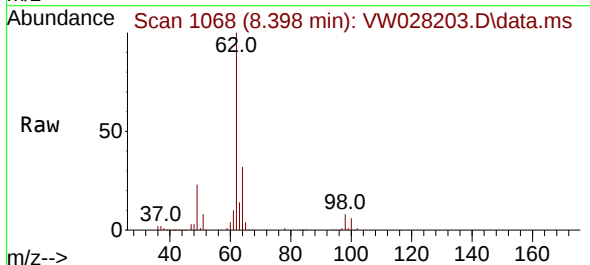
Instrument :
MSVOA_W
ClientSampleId :
E0755MSD

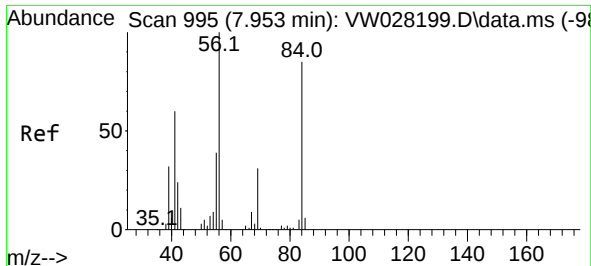
Tgt Ion: 83 Resp: 144921
Ion Ratio Lower Upper
83 100
85 65.3 44.5 82.7



#27
1,2-Dichloroethane
Concen: 18.464 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028203.D
Acq: 15 Mar 2024 11:18

Tgt Ion: 62 Resp: 101088
Ion Ratio Lower Upper
62 100
98 7.6 5.9 8.9





#29

Cyclohexane

Concen: 18.341 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

E0755MSD

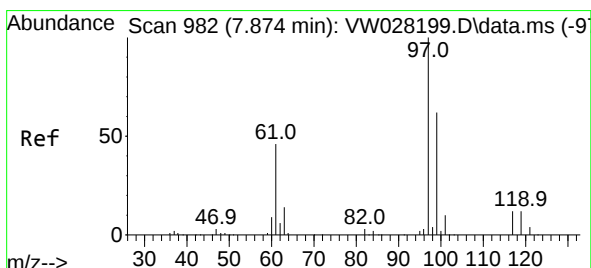
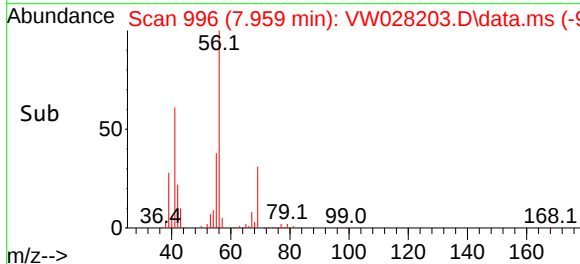
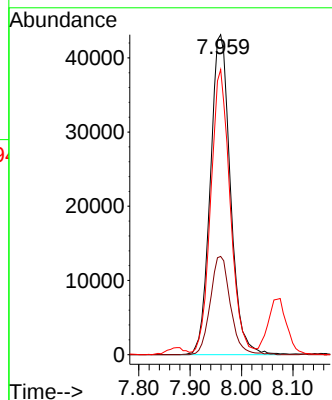
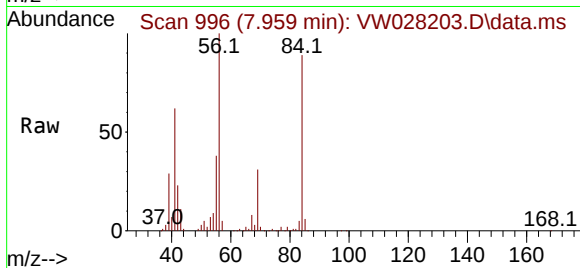
Tgt Ion: 56 Resp: 117551

Ion Ratio Lower Upper

56 100

69 30.4 24.0 36.0

84 85.9 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 19.803 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

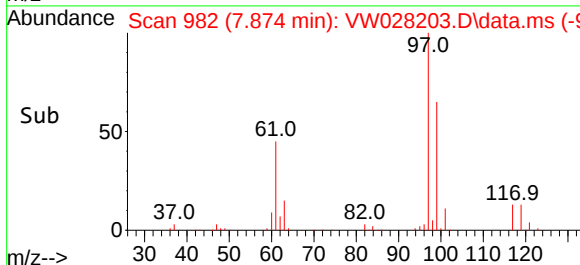
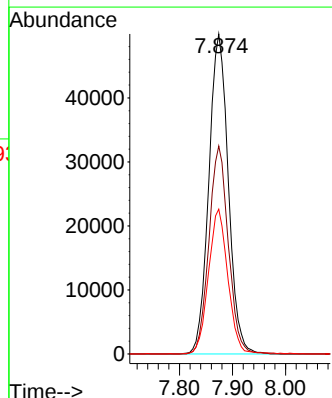
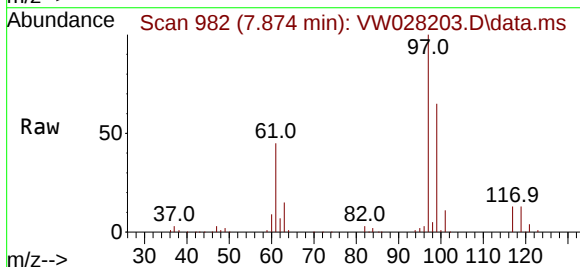
Tgt Ion: 97 Resp: 127553

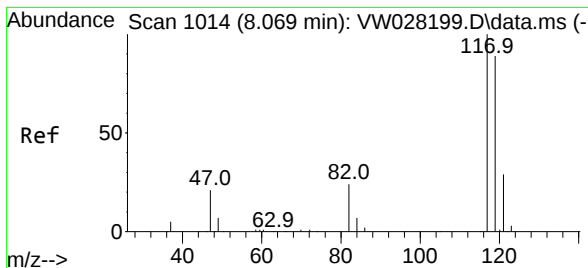
Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

61 45.0 37.0 55.6





#31

Carbon tetrachloride

Concen: 19.110 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

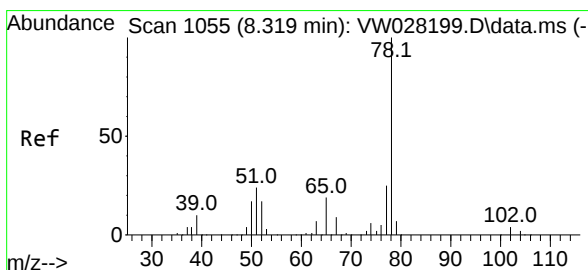
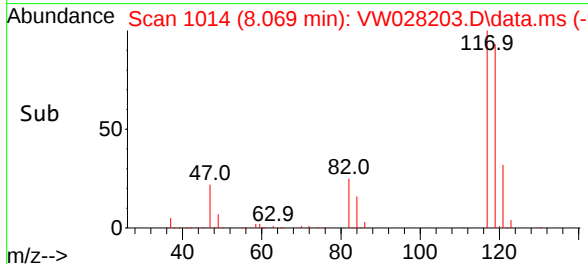
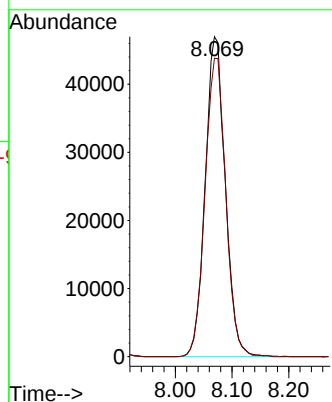
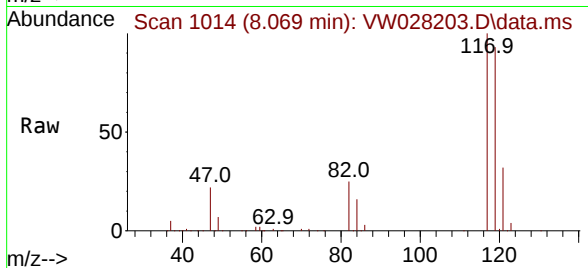
E0755MSD

Tgt Ion:117 Resp: 115456

Ion Ratio Lower Upper

117 100

119 96.4 78.2 117.4



#33

Benzene

Concen: 19.738 ug/L

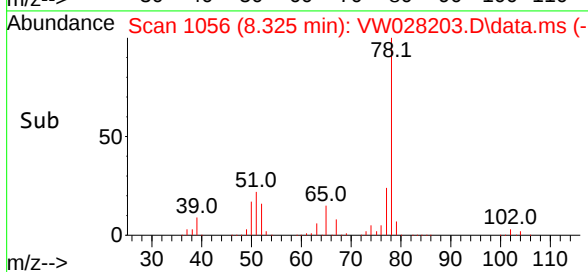
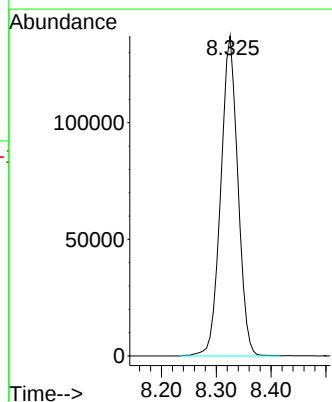
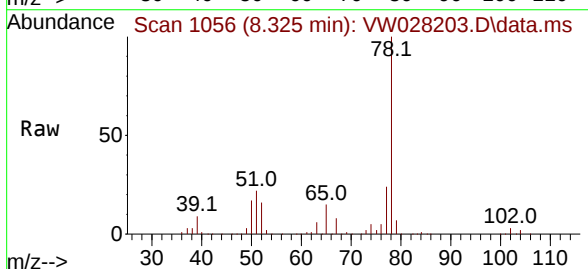
RT: 8.325 min Scan# 1056

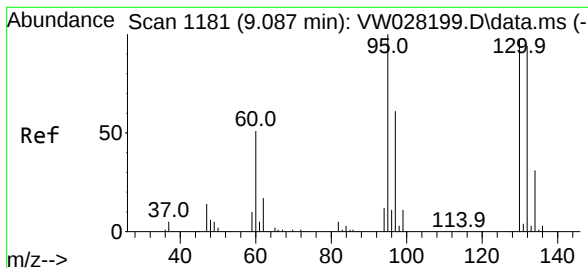
Delta R.T. 0.006 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Tgt Ion: 78 Resp: 298444





#34

Trichloroethene

Concen: 18.976 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

E0755MSD

Tgt Ion: 95 Resp: 80048

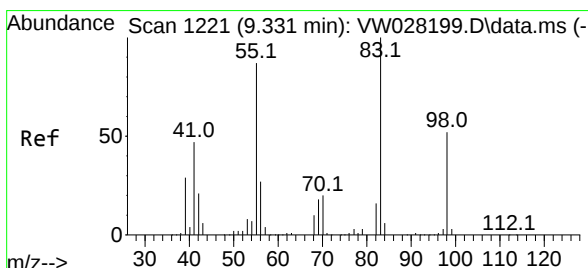
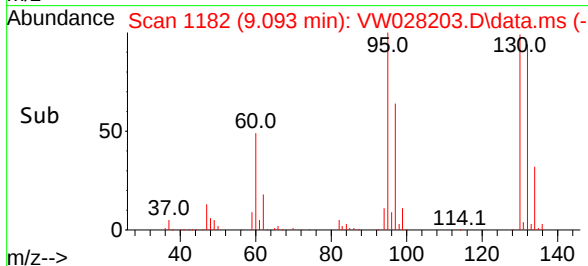
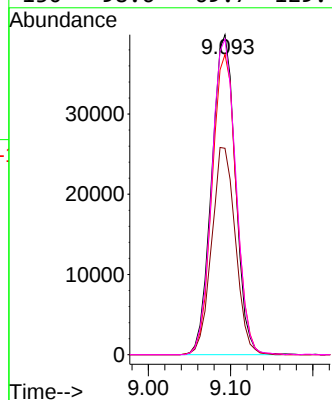
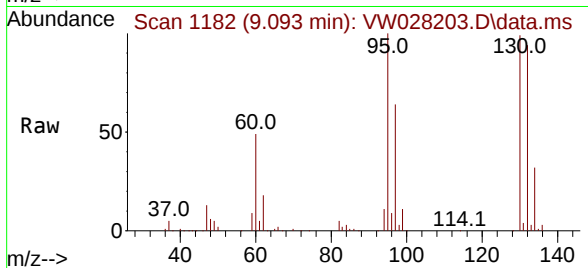
Ion Ratio Lower Upper

95 100

97 64.5 42.4 78.6

132 93.8 69.4 128.8

130 98.6 69.7 129.4



#35

Methylcyclohexane

Concen: 15.706 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

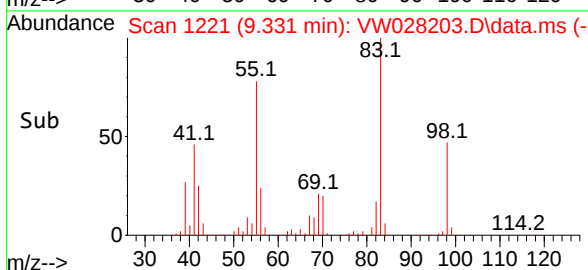
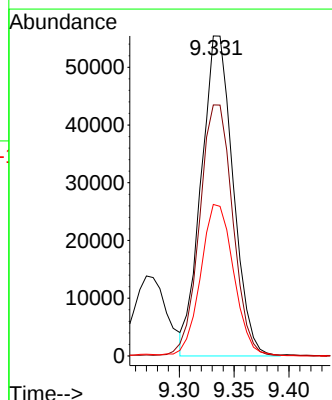
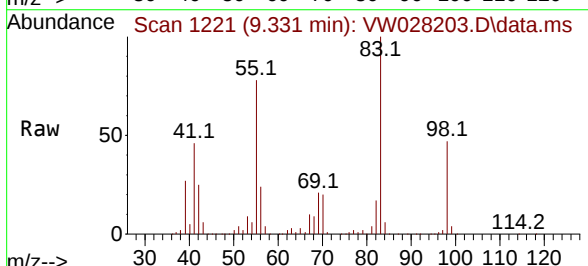
Tgt Ion: 83 Resp: 111989

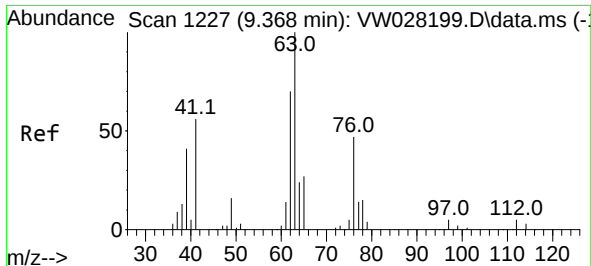
Ion Ratio Lower Upper

83 100

55 81.6 64.2 96.4

98 49.2 38.3 57.5





#37

1,2-Dichloropropane

Concen: 19.341 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

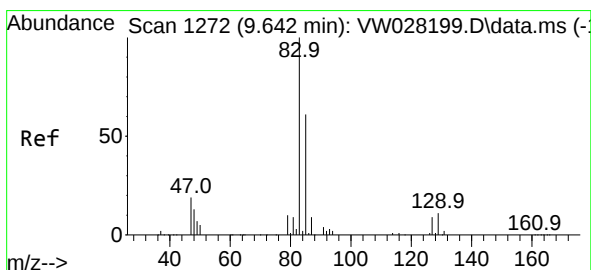
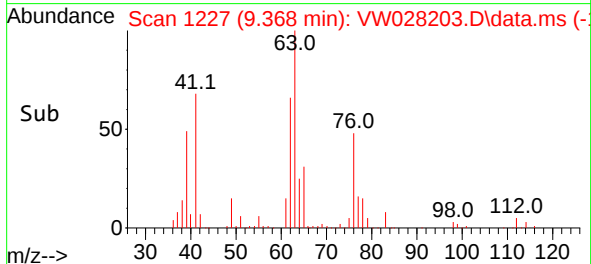
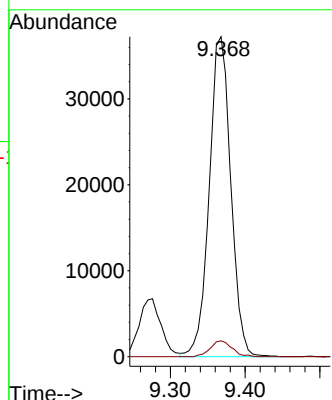
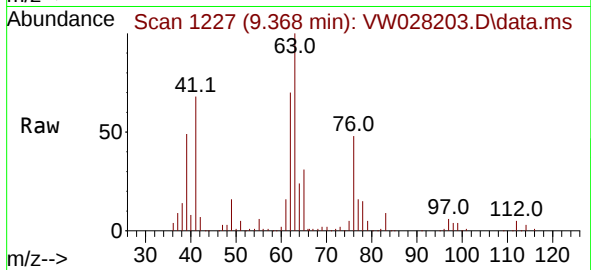
E0755MSD

Tgt Ion: 63 Resp: 74802

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 19.388 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

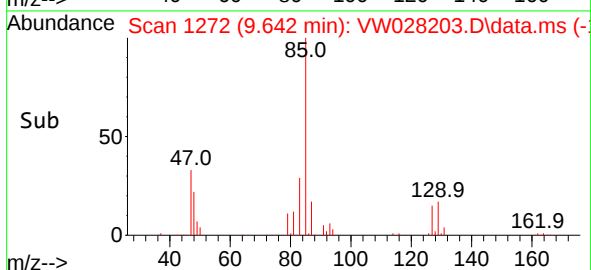
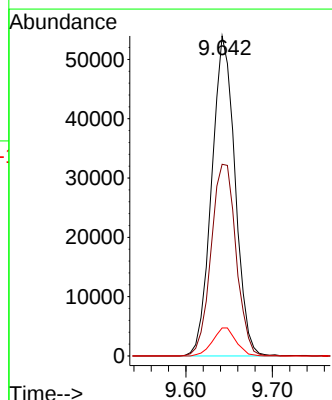
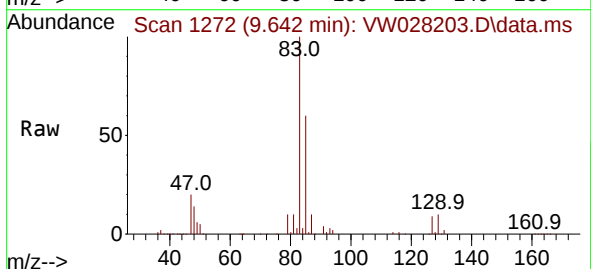
Tgt Ion: 83 Resp: 101093

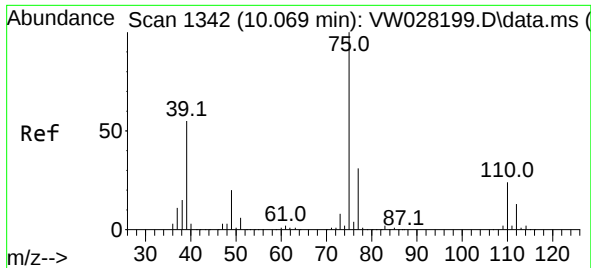
Ion Ratio Lower Upper

83 100

85 59.9 45.8 85.2

127 8.8 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 20.063 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

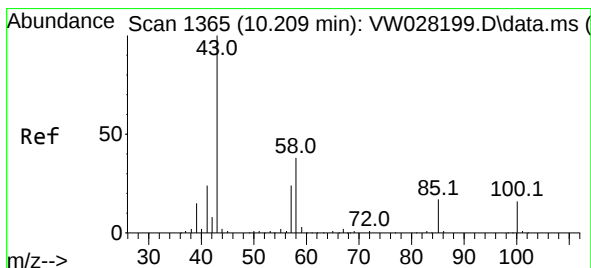
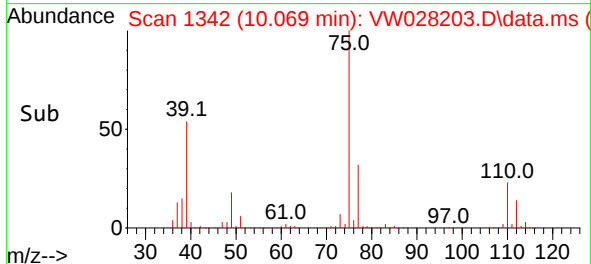
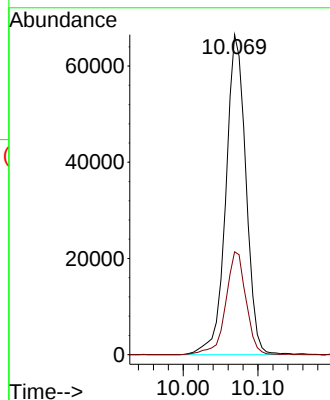
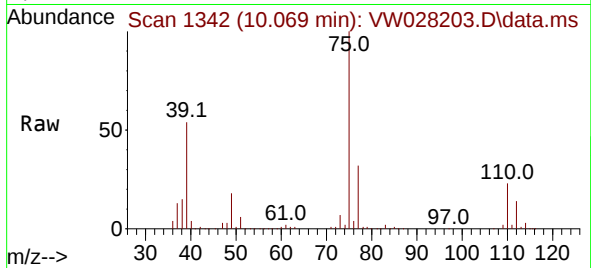
E0755MSD

Tgt Ion: 75 Resp: 124263

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 41.721 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

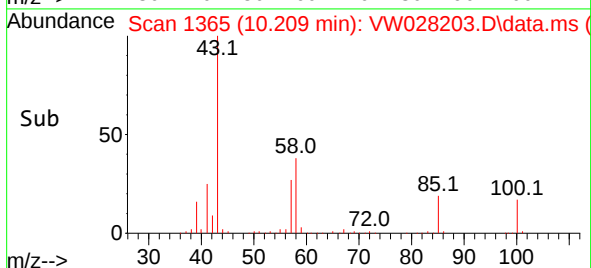
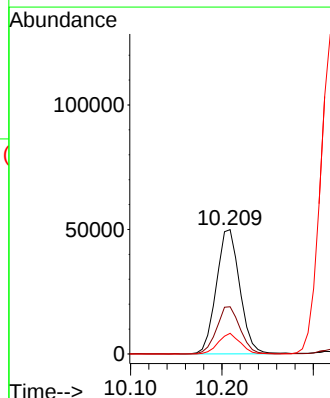
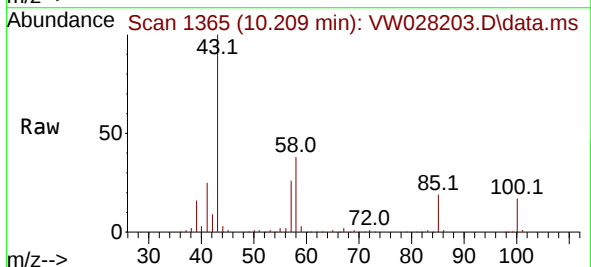
Tgt Ion: 43 Resp: 89064

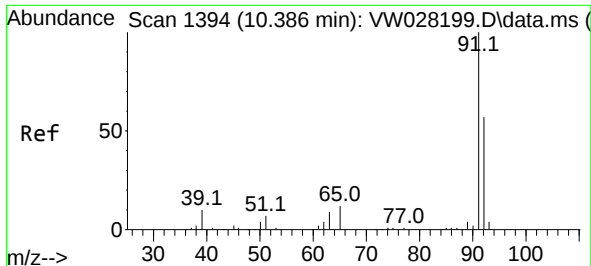
Ion Ratio Lower Upper

43 100

58 38.3 30.1 45.1

100 15.5 11.8 17.8





#42

Toluene

Concen: 19.316 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

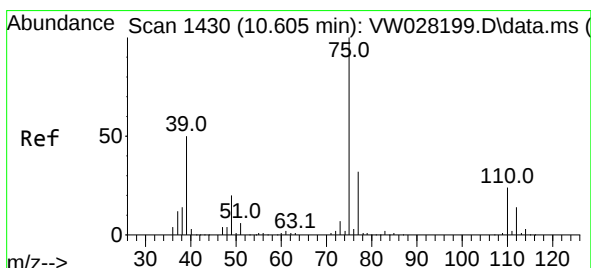
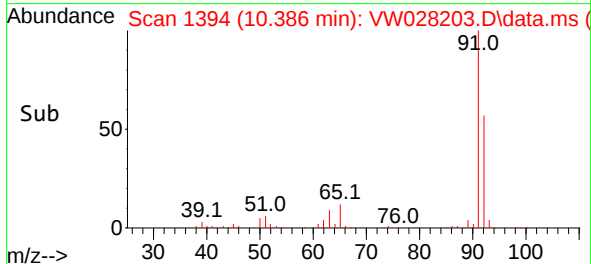
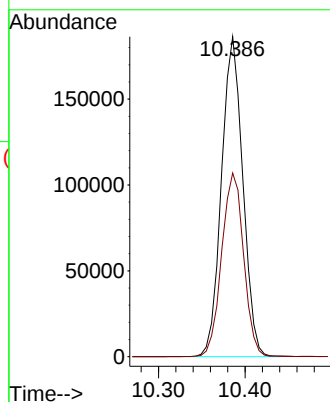
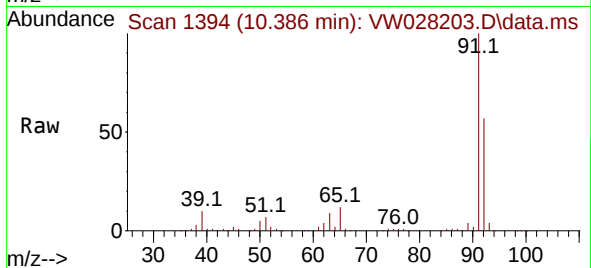
E0755MSD

Tgt Ion: 91 Resp: 318751

Ion Ratio Lower Upper

91 100

92 57.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 20.026 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028203.D

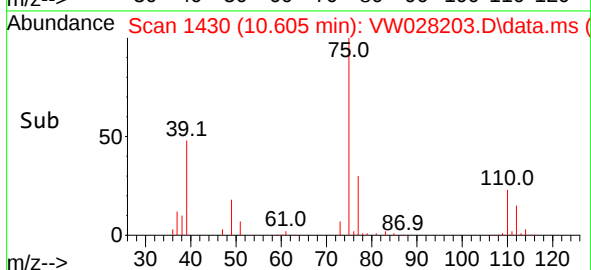
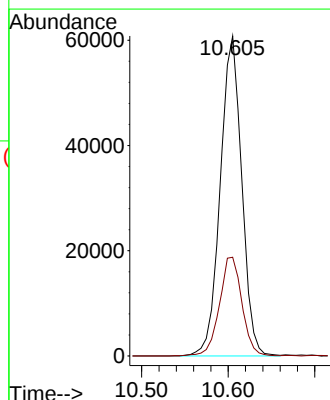
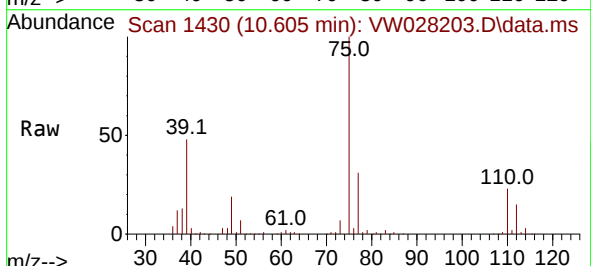
Acq: 15 Mar 2024 11:18

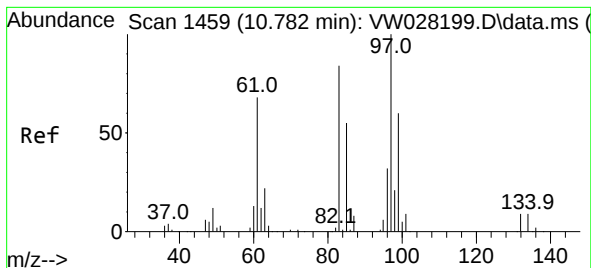
Tgt Ion: 75 Resp: 104718

Ion Ratio Lower Upper

75 100

77 30.9 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 19.233 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

E0755MSD

Tgt Ion: 97 Resp: 53742

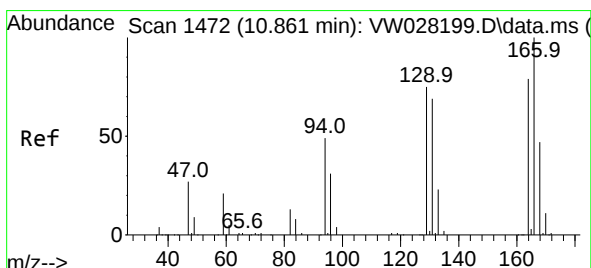
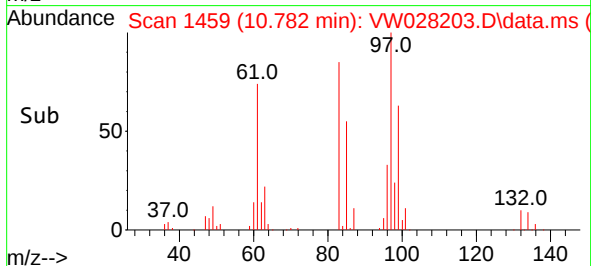
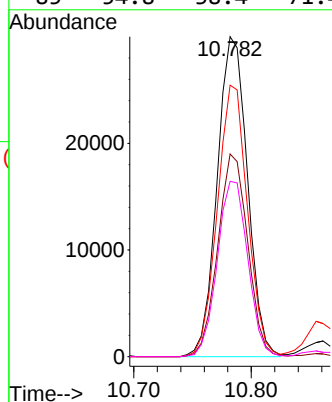
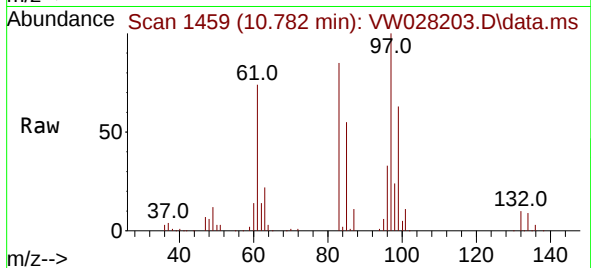
Ion Ratio Lower Upper

97 100

99 63.3 43.4 80.6

83 84.8 59.4 110.4

85 54.8 38.4 71.4



#46

Tetrachloroethene

Concen: 72.755 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Tgt Ion: 164 Resp: 247396

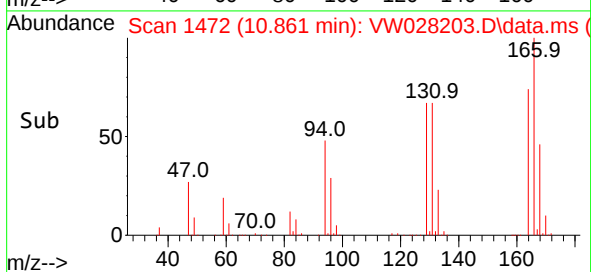
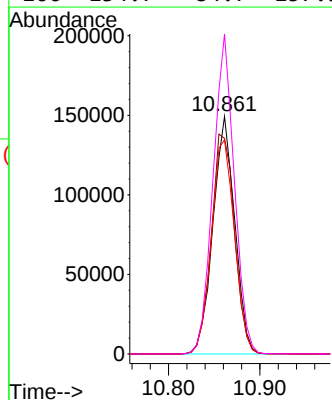
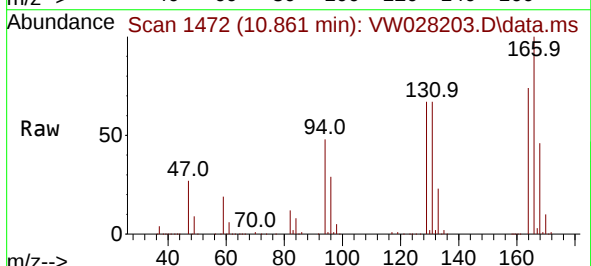
Ion Ratio Lower Upper

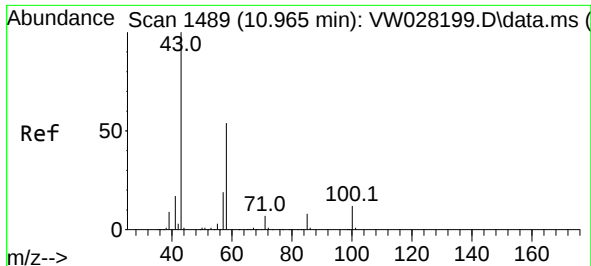
164 100

129 90.7 64.0 119.0

131 90.1 62.6 116.3

166 134.7 84.7 157.3

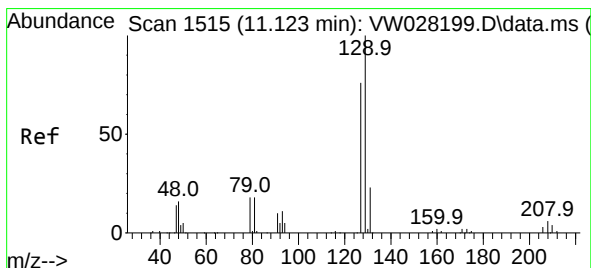
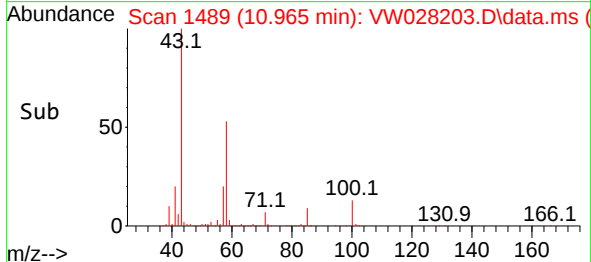
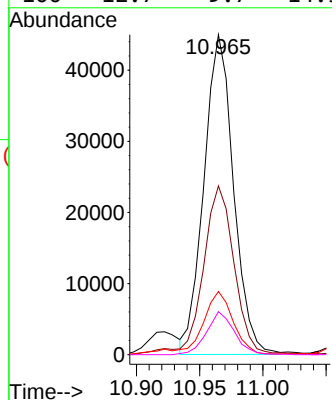
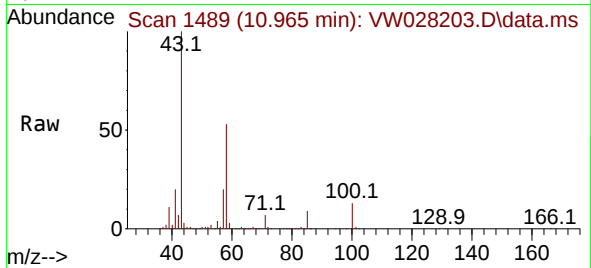




#48
2-Hexanone
Concen: 43.837 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028203.D
Acq: 15 Mar 2024 11:18

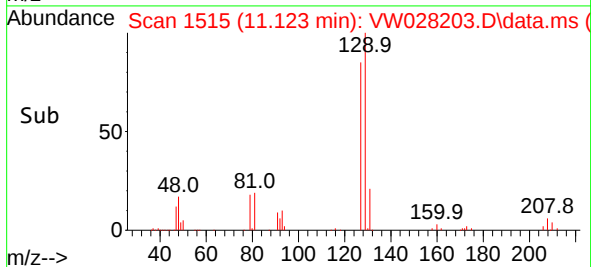
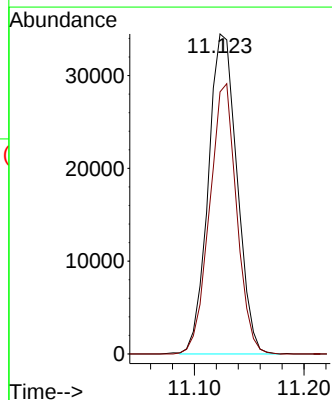
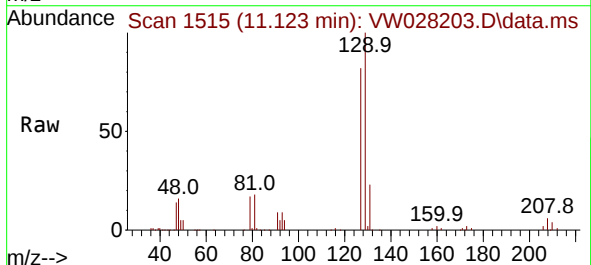
Instrument :
MSVOA_W
ClientSampleId :
E0755MSD

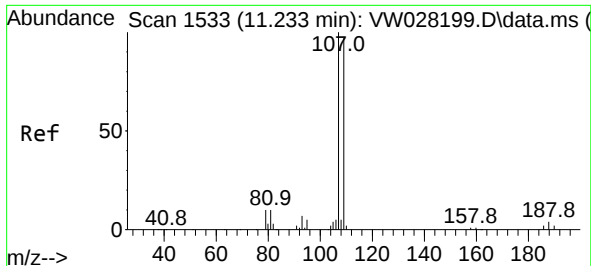
Tgt Ion: 43	Resp: 73306
Ion Ratio	Lower Upper
43 100	
58 54.0	40.6 61.0
57 19.8	15.7 23.5
100 12.7	9.7 14.5



#49
Dibromochloromethane
Concen: 19.030 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028203.D
Acq: 15 Mar 2024 11:18

Tgt Ion:129	Resp: 62976		
Ion Ratio	Lower	Upper	
129 100			
127 81.9	53.1	98.7	





#50

1,2-Dibromoethane

Concen: 18.979 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

E0755MSD

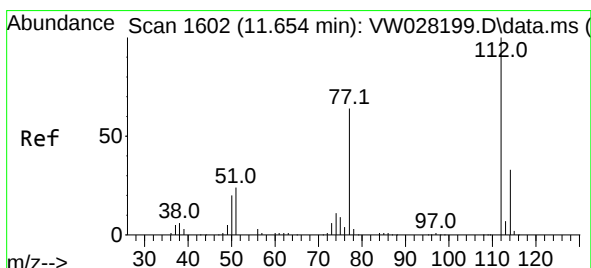
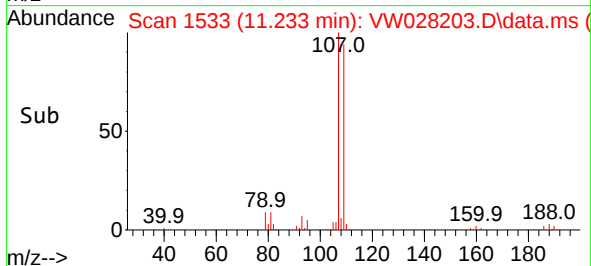
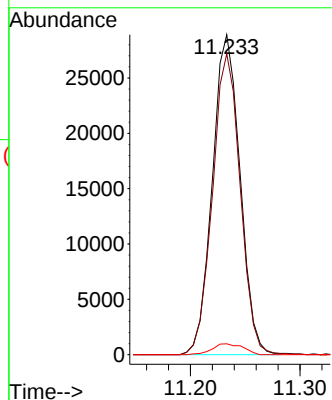
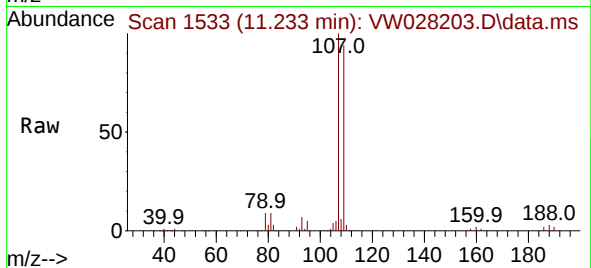
Tgt Ion:107 Resp: 50708

Ion Ratio Lower Upper

107 100

109 94.1 64.4 119.6

188 3.4 3.4 5.2#



#51

Chlorobenzene

Concen: 17.975 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

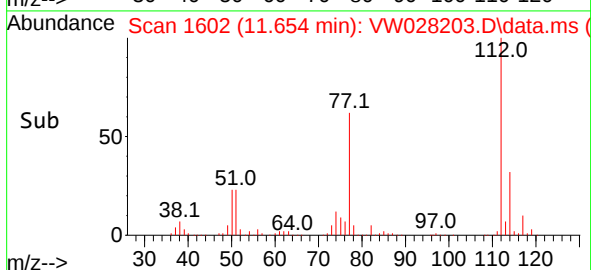
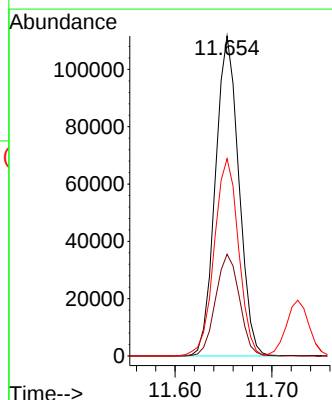
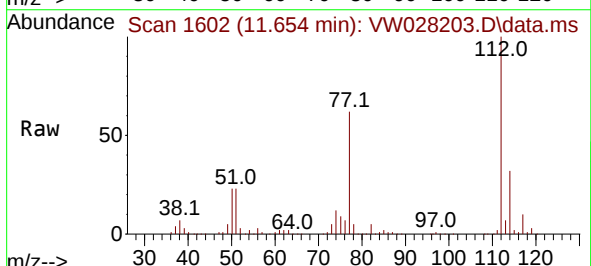
Tgt Ion:112 Resp: 188272

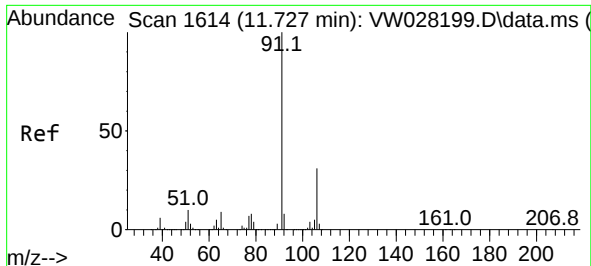
Ion Ratio Lower Upper

112 100

114 31.8 21.8 40.6

77 61.7 50.6 76.0





#52

Ethylbenzene

Concen: 18.257 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

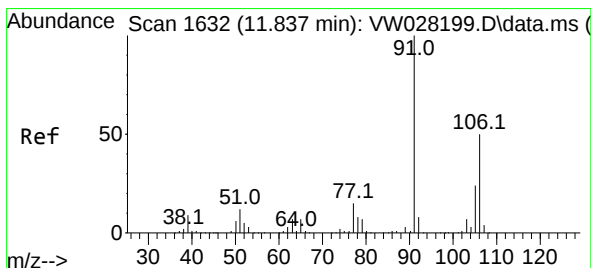
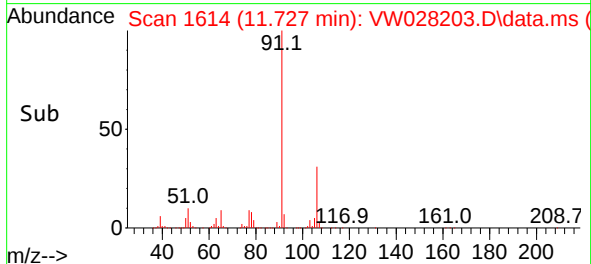
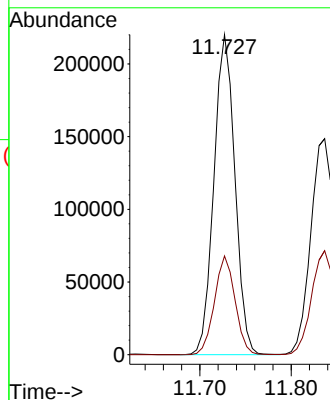
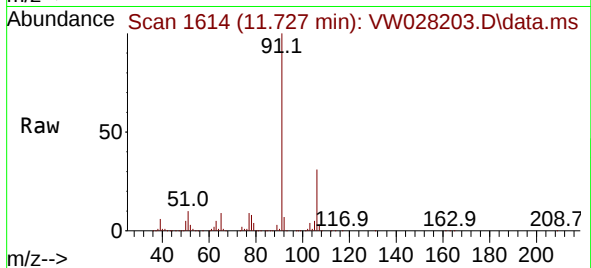
E0755MSD

Tgt Ion: 91 Resp: 351700

Ion Ratio Lower Upper

91 100

106 30.8 21.3 39.5



#53

m,p-Xylene

Concen: 18.131 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028203.D

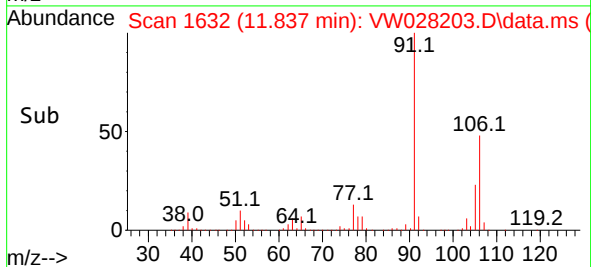
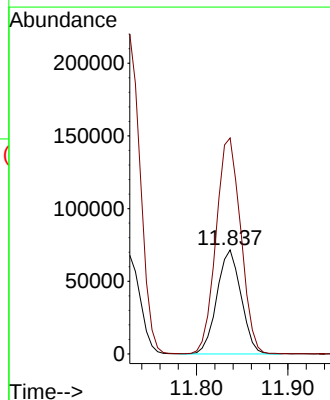
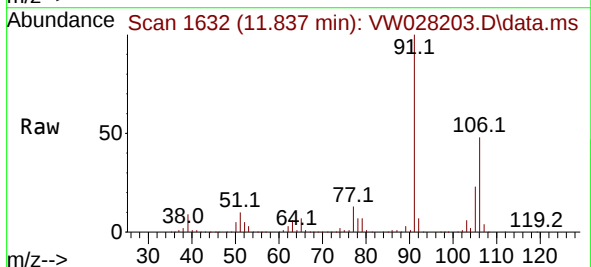
Acq: 15 Mar 2024 11:18

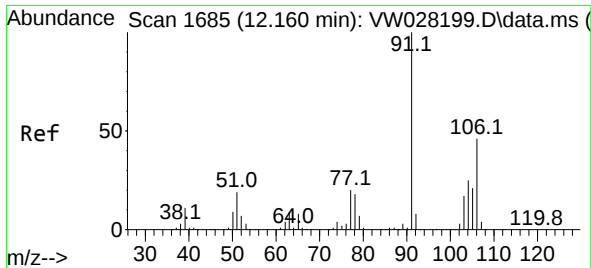
Tgt Ion:106 Resp: 131439

Ion Ratio Lower Upper

106 100

91 207.7 147.1 273.1

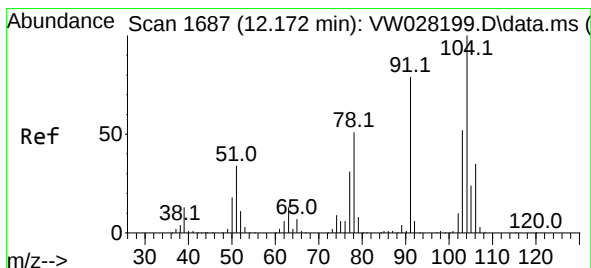
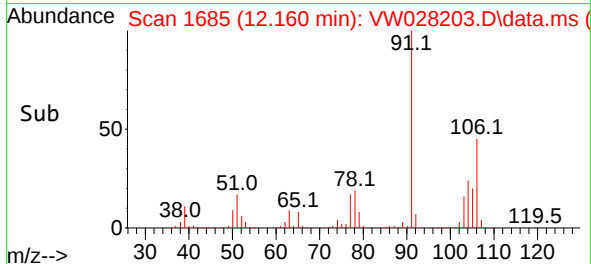
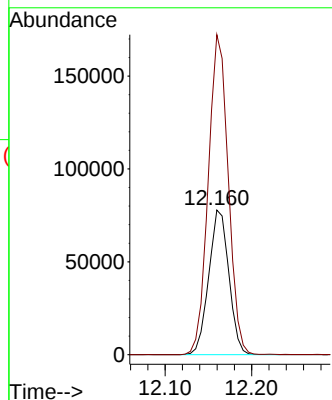
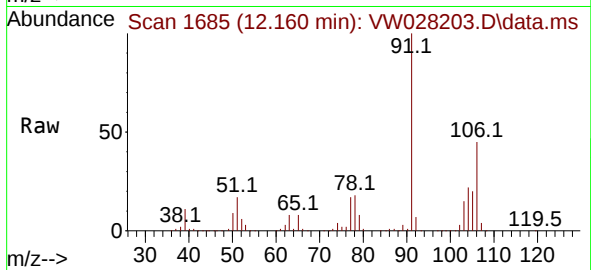




#54
o-Xylene
Concen: 18.706 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW028203.D
Acq: 15 Mar 2024 11:18

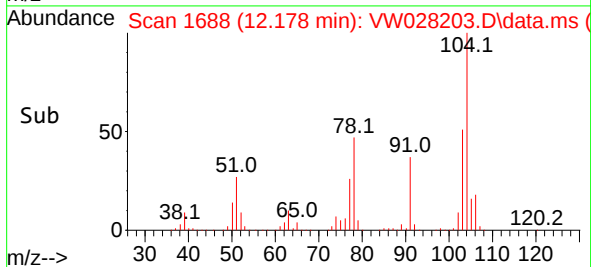
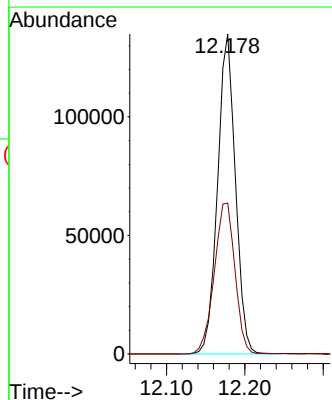
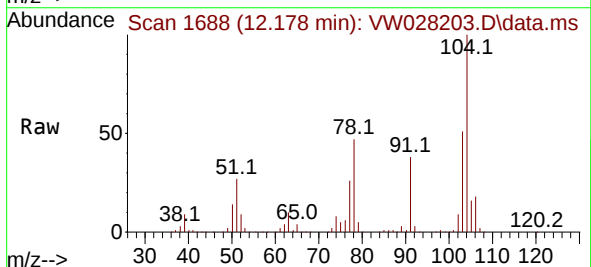
Instrument :
MSVOA_W
ClientSampleId :
E0755MSD

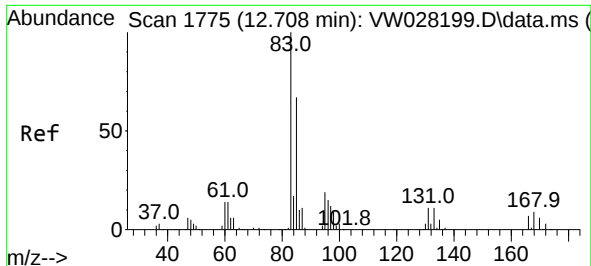
Tgt Ion:106 Resp: 125754
Ion Ratio Lower Upper
106 100
91 221.1 149.2 277.2



#55
Styrene
Concen: 18.531 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VW028203.D
Acq: 15 Mar 2024 11:18

Tgt Ion:104 Resp: 213975
Ion Ratio Lower Upper
104 100
78 47.1 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 19.043 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

E0755MSD

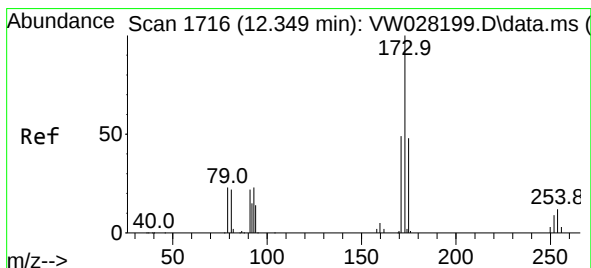
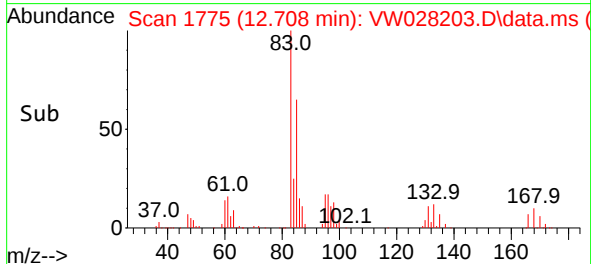
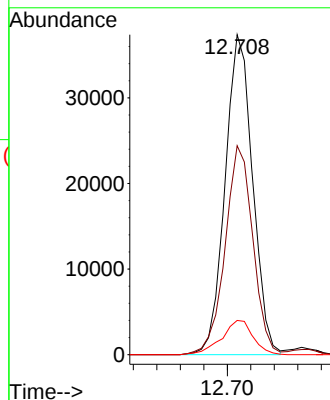
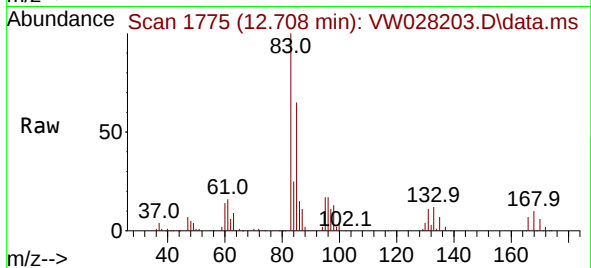
Tgt Ion: 83 Resp: 60864

Ion Ratio Lower Upper

83 100

85 65.3 47.0 87.2

131 10.7 8.9 13.3



#59

Bromoform

Concen: 22.947 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

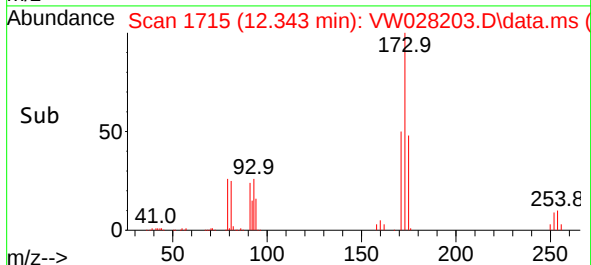
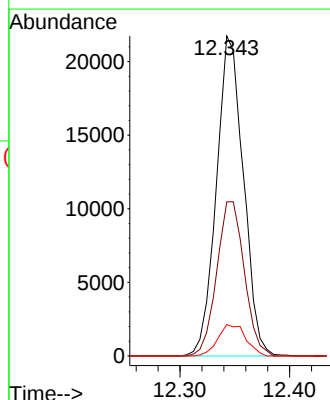
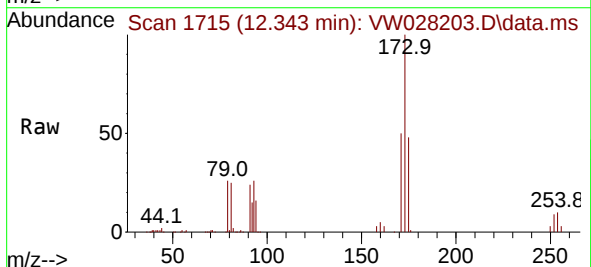
Tgt Ion: 173 Resp: 37222

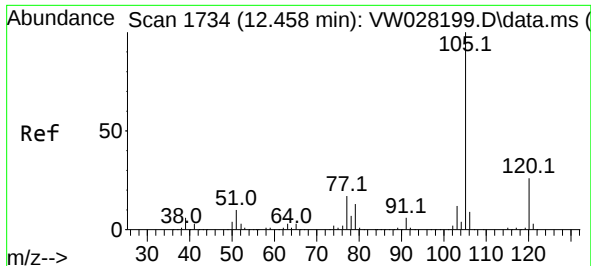
Ion Ratio Lower Upper

173 100

175 49.2 39.8 59.6

254 10.2 8.5 12.7

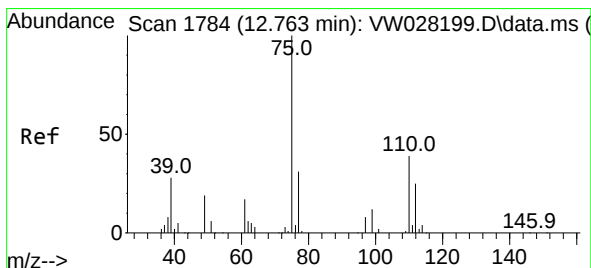
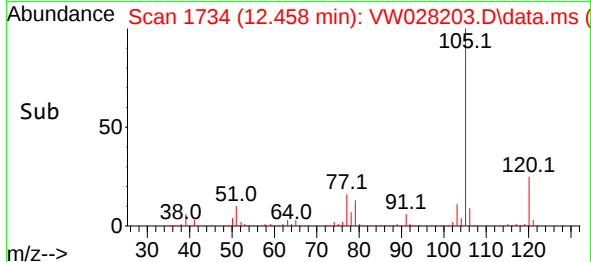
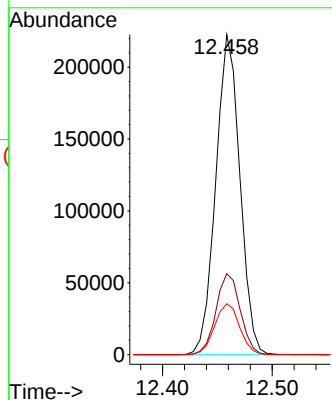
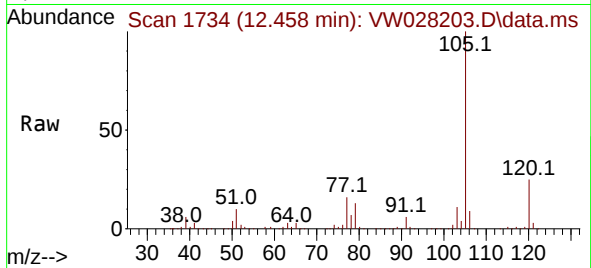




#60
Isopropylbenzene
Concen: 21.178 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028203.D
Acq: 15 Mar 2024 11:18

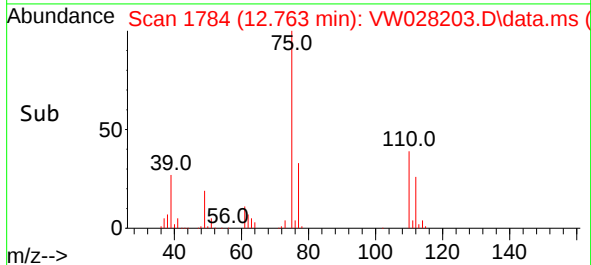
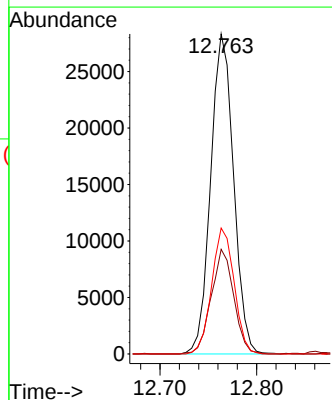
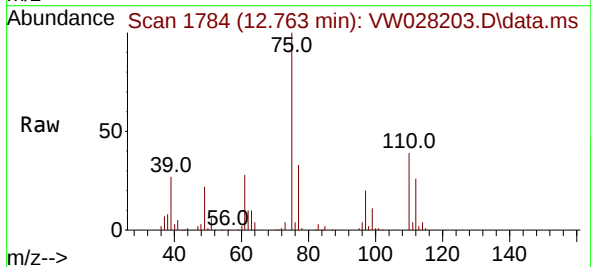
Instrument :
MSVOA_W
ClientSampleId :
E0755MSD

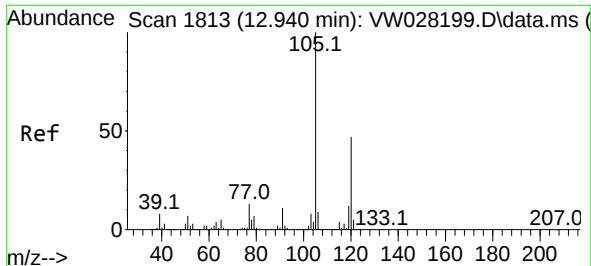
Tgt Ion:105 Resp: 340622
Ion Ratio Lower Upper
105 100
120 25.5 21.0 31.6
77 16.5 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 22.563 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028203.D
Acq: 15 Mar 2024 11:18

Tgt Ion: 75 Resp: 46614
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0
110 38.6 32.2 48.2





#62

1,3,5-Trimethylbenzene

Concen: 20.211 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

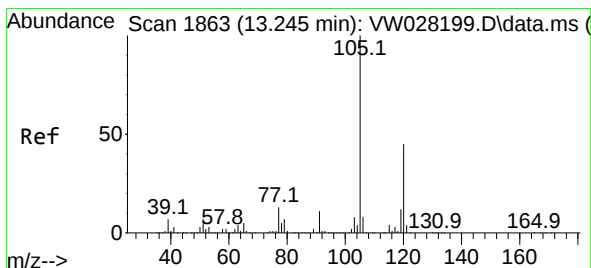
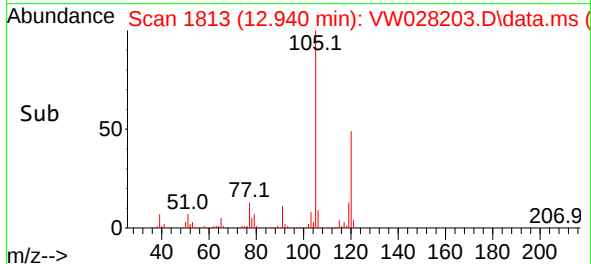
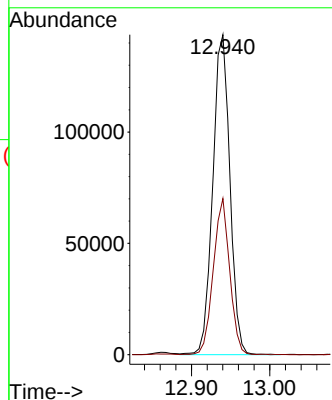
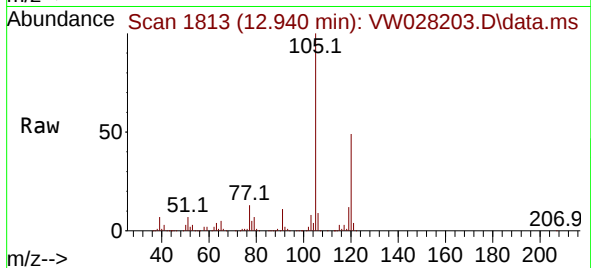
E0755MSD

Tgt Ion:105 Resp: 218105

Ion Ratio Lower Upper

105 100

120 46.7 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 20.287 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028203.D

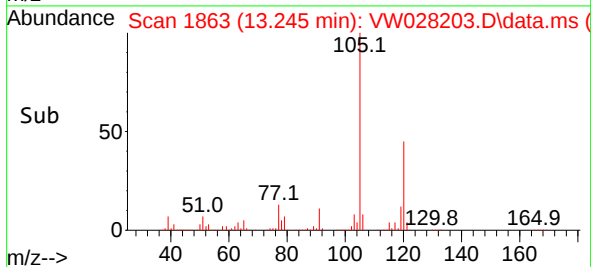
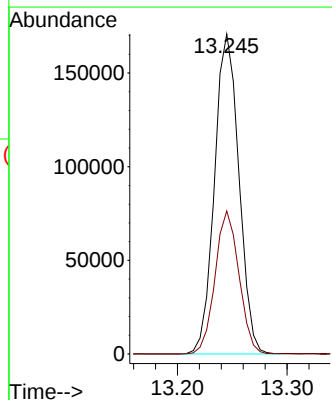
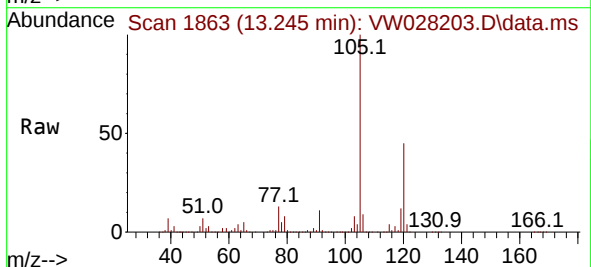
Acq: 15 Mar 2024 11:18

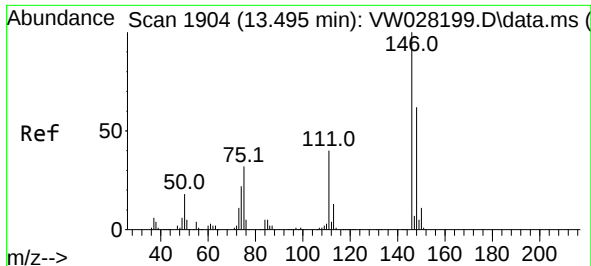
Tgt Ion:105 Resp: 264350

Ion Ratio Lower Upper

105 100

120 43.8 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 18.195 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

E0755MSD

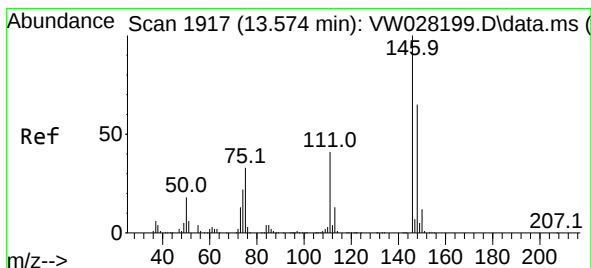
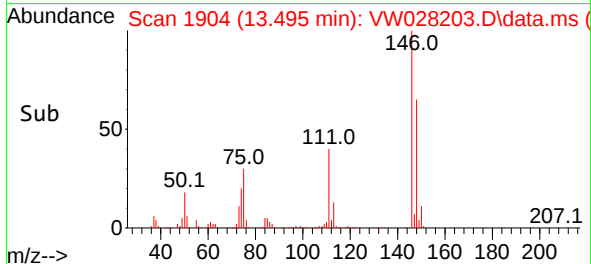
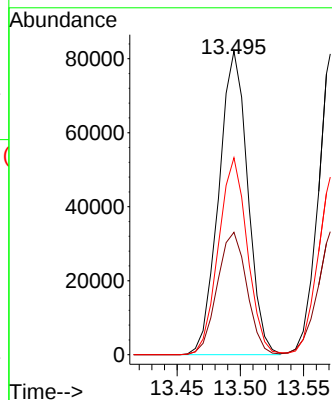
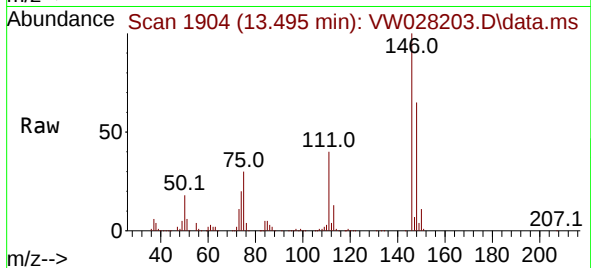
Tgt Ion:146 Resp: 130555

Ion Ratio Lower Upper

146 100

111 40.3 28.5 52.9

148 64.9 43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 18.846 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

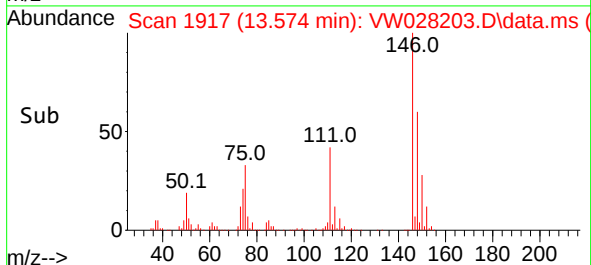
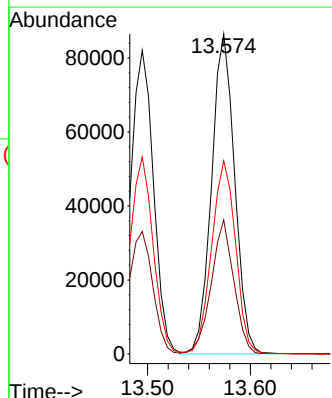
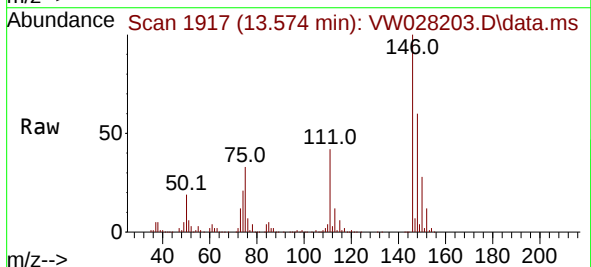
Tgt Ion:146 Resp: 135221

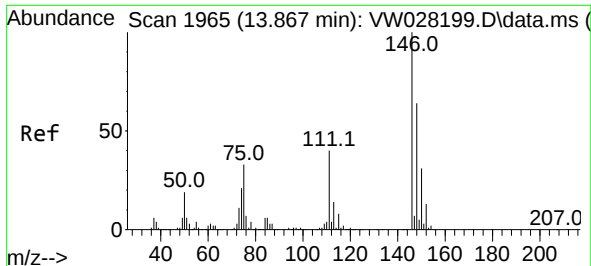
Ion Ratio Lower Upper

146 100

111 41.9 28.8 53.6

148 60.3 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 18.650 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

E0755MSD

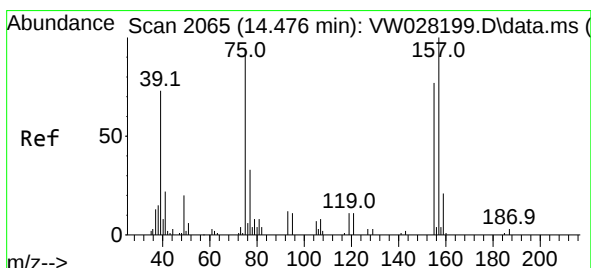
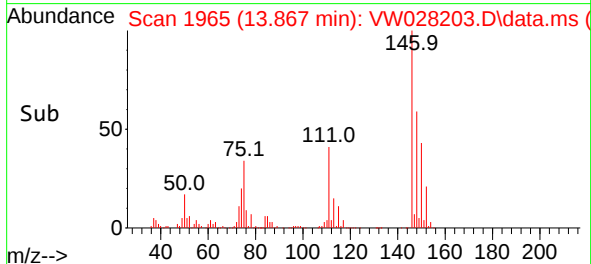
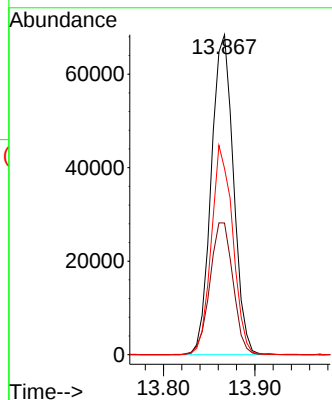
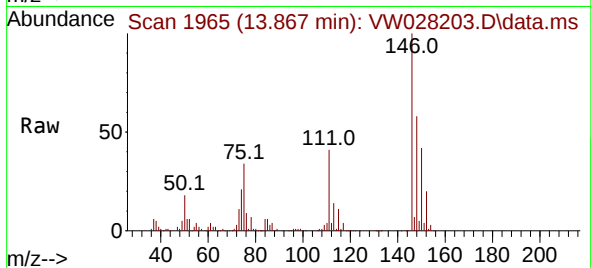
Tgt Ion:146 Resp: 115242

Ion Ratio Lower Upper

146 100

111 41.1 34.2 51.2

148 58.2 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 21.887 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

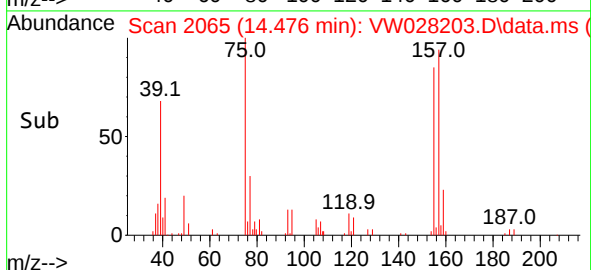
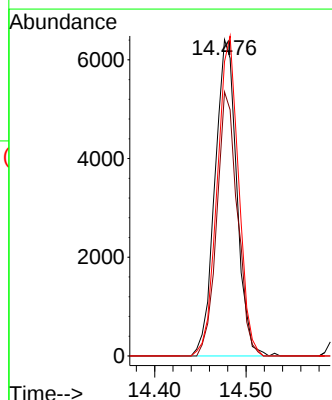
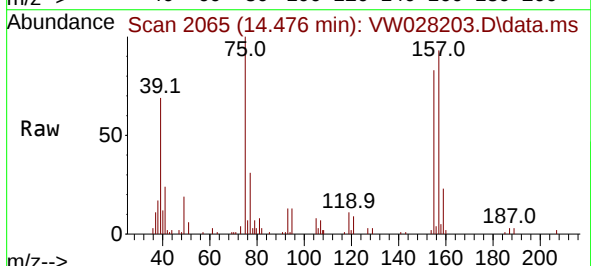
Tgt Ion: 75 Resp: 10622

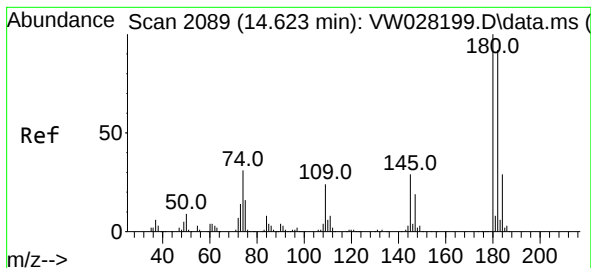
Ion Ratio Lower Upper

75 100

155 83.5 61.1 91.7

157 93.1 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 13.497 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

E0755MSD

Tgt Ion:180 Resp: 67460

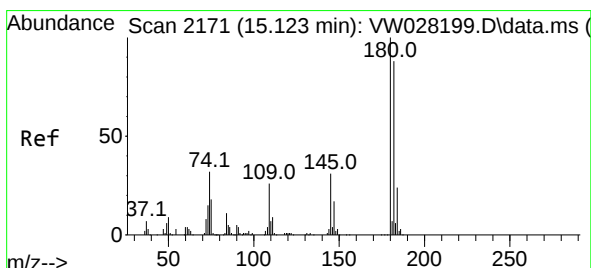
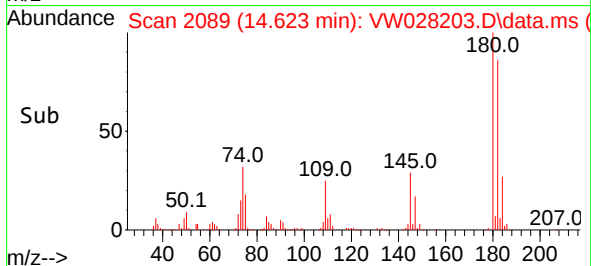
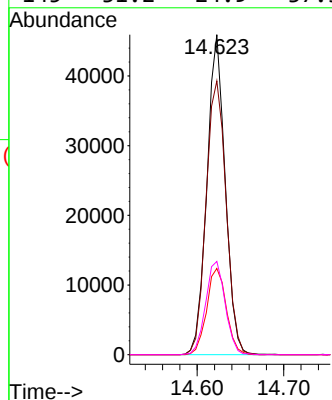
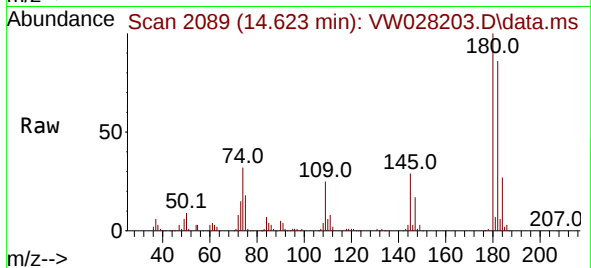
Ion Ratio Lower Upper

180 100

182 93.6 76.6 114.8

184 28.9 23.5 35.3

145 31.2 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 12.167 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

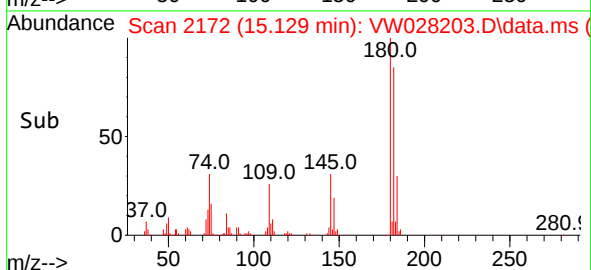
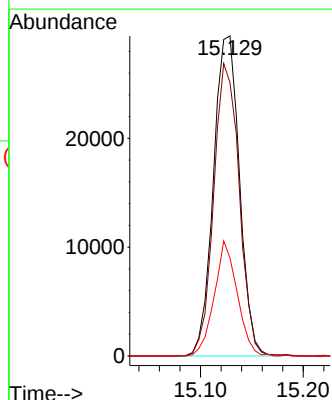
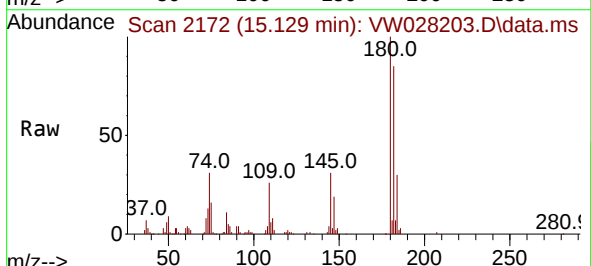
Tgt Ion:180 Resp: 51662

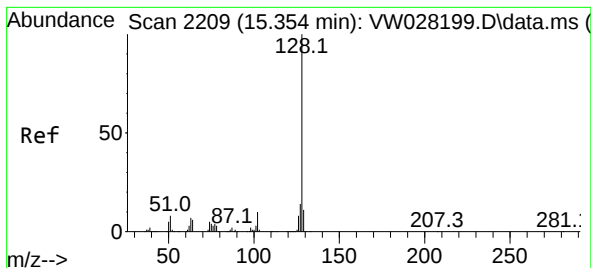
Ion Ratio Lower Upper

180 100

182 89.8 73.8 110.8

145 31.9 25.0 37.6





#71

Naphthalene

Concen: 16.657 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

E0755MSD

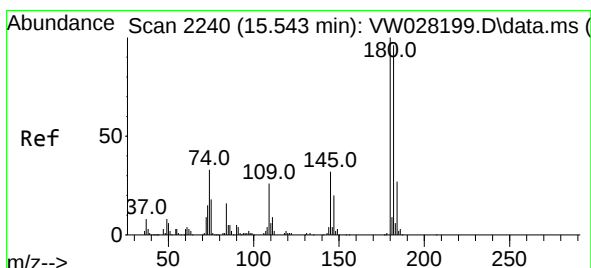
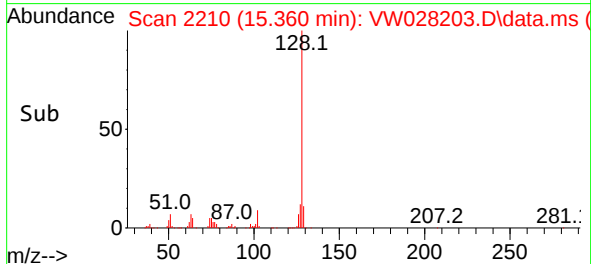
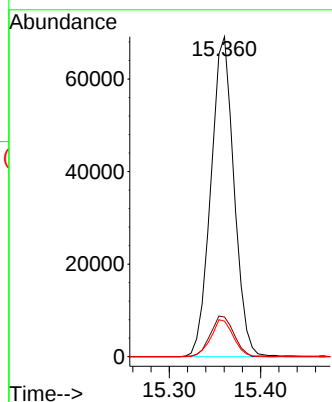
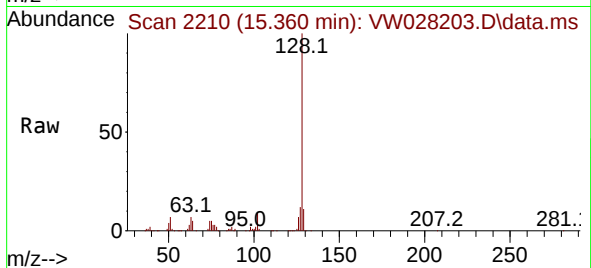
Tgt Ion:128 Resp: 121395

Ion Ratio Lower Upper

128 100

127 13.0 10.9 16.3

129 11.2 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 10.854 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028203.D

Acq: 15 Mar 2024 11:18

Tgt Ion:180 Resp: 37991

Ion Ratio Lower Upper

180 100

182 99.3 76.0 114.0

145 34.9 27.1 40.7

