

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040324\
 Data File : VW028293.D
 Acq On : 03 Apr 2024 15:10
 Operator : SY/MD
 Sample : P1965-06MSD
 Misc : 3.93g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E07D6MSD

Quant Time: Apr 04 03:03:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 04 03:01:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	276268	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	241976	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	114660	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	63739	19.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.880%
7) Chloroethane-d5	2.893	69	54408	24.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.360%
11) 1,1-Dichloroethene-d2	4.021	65	40981	19.992	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.960%
21) 2-Butanone-d5	7.081	46	73395	76.984	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.960%#
24) Chloroform-d	7.648	84	222288	27.287	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.160%
26) 1,2-Dichloroethane-d4	8.307	65	123786	27.573	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.280%
32) Benzene-d6	8.276	84	409690	27.731	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.920%
36) 1,2-Dichloropropane-d6	9.270	67	129400	30.436	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.760%#
41) Toluene-d8	10.318	98	354429	26.010	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.040%
43) trans-1,3-Dichloroprop...	10.574	79	55372	28.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.720%
47) 2-Hexanone-d5	10.922	63	59813	85.113	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.220%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	114989	36.614	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	146.440%#
66) 1,2-Dichlorobenzene-d4	13.848	152	113842	27.255	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	76732	19.146	ug/L #	86
3) Chloromethane	2.222	50	72753	25.595	ug/L	99
5) Vinyl chloride	2.375	62	87097	27.107	ug/L	99
6) Bromomethane	2.789	94	51434	26.879	ug/L	97
8) Chloroethane	2.936	64	50660	29.334	ug/L	97
9) Trichlorofluoromethane	3.271	101	110171	28.360	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	97307	25.215	ug/L #	67
12) 1,1-Dichloroethene	4.045	96	95786	26.850	ug/L	87
13) Acetone	4.130	43	65257	61.647	ug/L	98
14) Carbon disulfide	4.393	76	267200	24.014	ug/L	98
15) Methyl Acetate	4.673	43	50715	31.103	ug/L	100
16) Methylene chloride	4.923	84	108278	25.751	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	103391	27.271	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	175546	30.689	ug/L	98
19) 1,1-Dichloroethane	6.222	63	209975	28.608	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	116949	28.562	ug/L	98
22) 2-Butanone	7.173	43	77011	64.076	ug/L	99
23) Bromochloromethane	7.514	128	52662	29.091	ug/L	95
25) Chloroform	7.679	83	212679	28.146	ug/L	94

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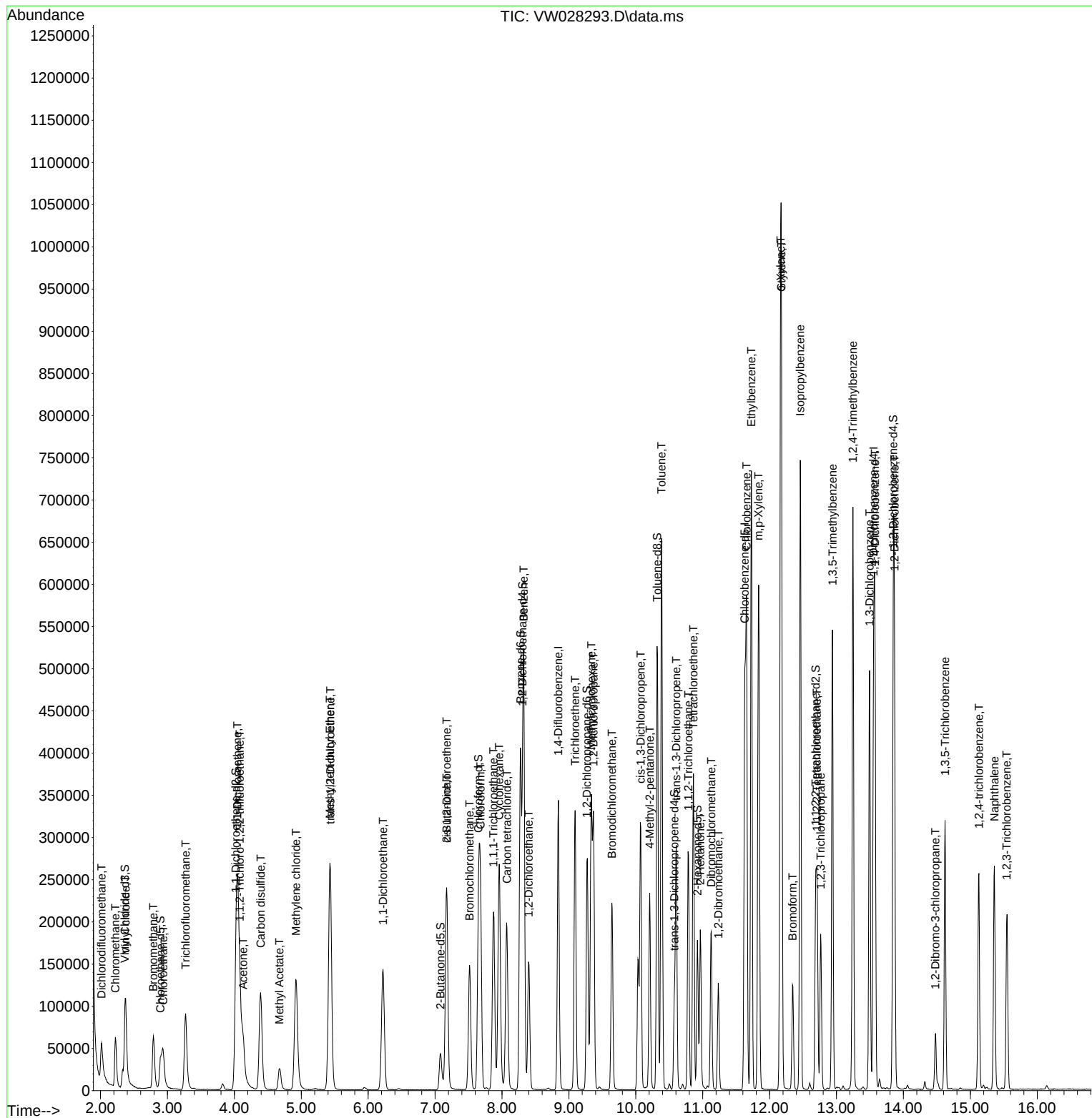
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	143552	26.902	ug/L	96
29) Cyclohexane	7.959	56	157439	24.945	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	175856	27.724	ug/L	99
31) Carbon tetrachloride	8.075	117	154221	25.921	ug/L	98
33) Benzene	8.325	78	440821	29.605	ug/L	100
34) Trichloroethene	9.093	95	115295	27.754	ug/L	96
35) Methylcyclohexane	9.337	83	136745	19.474	ug/L	99
37) 1,2-Dichloropropane	9.367	63	118495	31.113	ug/L	100
38) Bromodichloromethane	9.642	83	151841	29.570	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	189130	31.008	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	150650	71.661	ug/L	98
42) Toluene	10.385	91	467627	28.776	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	159498	30.973	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	88230	32.063	ug/L	98
46) Tetrachloroethene	10.861	164	83435	24.916	ug/L	97
48) 2-Hexanone	10.965	43	119778	72.734	ug/L	98
49) Dibromochloromethane	11.129	129	99604	30.563	ug/L	97
50) 1,2-Dibromoethane	11.233	107	82950	31.526	ug/L #	98
51) Chlorobenzene	11.654	112	286942	27.818	ug/L	98
52) Ethylbenzene	11.727	91	506907	26.721	ug/L	96
53) m,p-Xylene	11.836	106	190459	26.679	ug/L	100
54) o-Xylene	12.166	106	184176	27.821	ug/L	97
55) Styrene	12.178	104	327913	28.837	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	104842	33.310	ug/L	97
59) Bromoform	12.342	173	58408	33.995	ug/L	97
60) Isopropylbenzene	12.458	105	472755	27.751	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	77227	35.291	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	292290	25.571	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	365393	26.473	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	200248	26.348	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	207714	27.332	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	185783	28.386	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	17530	34.102	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	97849	18.483	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	82008	18.234	ug/L	98
71) Naphthalene	15.360	128	220042	28.505	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	70326	18.968	ug/L	100

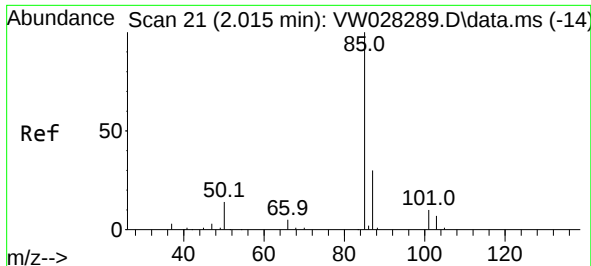
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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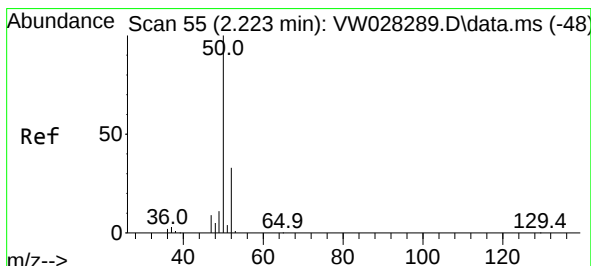
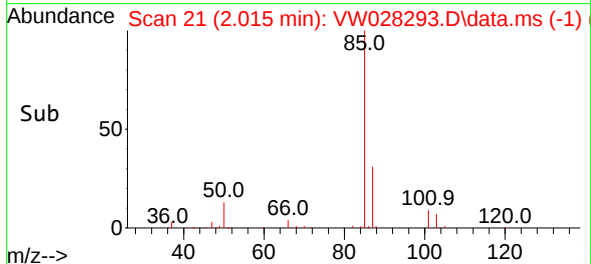
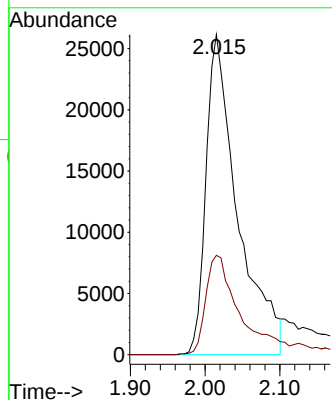
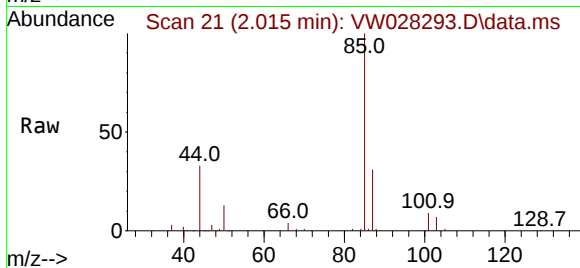




#2
Dichlorodifluoromethane
Concen: 19.146 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

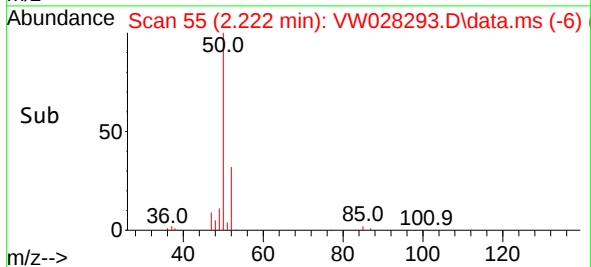
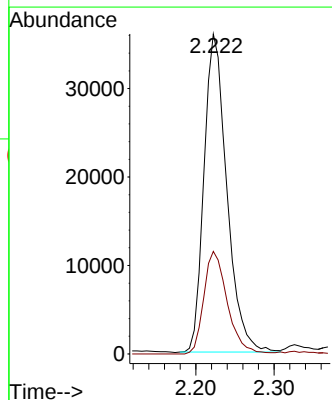
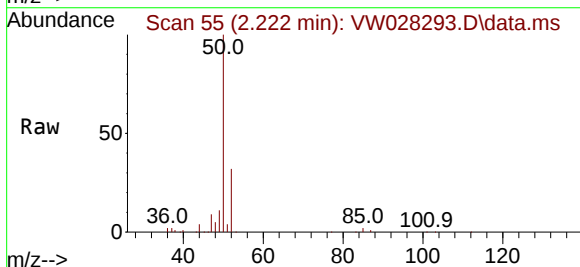
Instrument :
MSVOA_W
ClientSampleId :
E07D6MSD

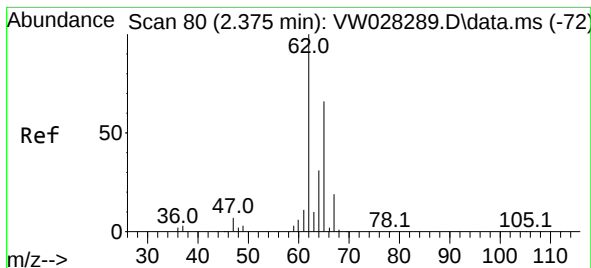
Tgt Ion: 85 Resp: 76732
Ion Ratio Lower Upper
85 100
87 33.4 20.9 31.3#



#3
Chloromethane
Concen: 25.595 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

Tgt Ion: 50 Resp: 72753
Ion Ratio Lower Upper
50 100
52 32.0 22.7 42.1





#5

Vinyl chloride

Concen: 27.107 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

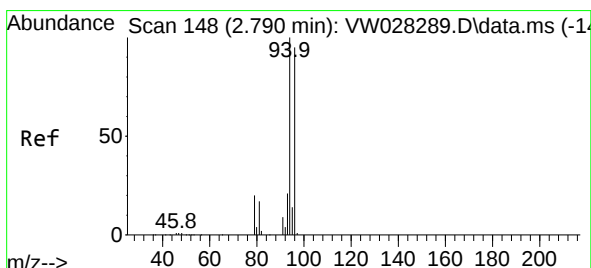
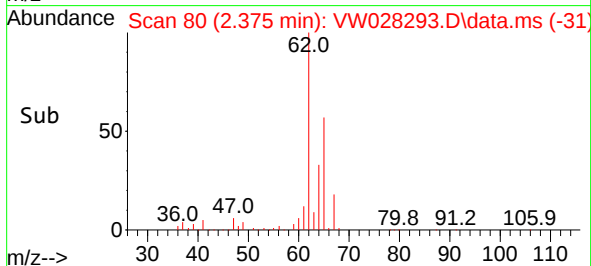
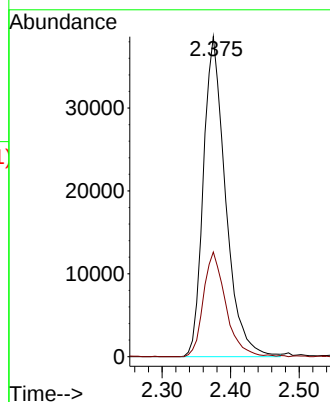
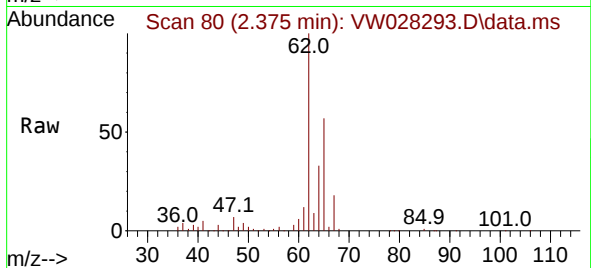
E07D6MSD

Tgt Ion: 62 Resp: 87097

Ion Ratio Lower Upper

62 100

64 32.7 22.5 41.7



#6

Bromomethane

Concen: 26.879 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW028293.D

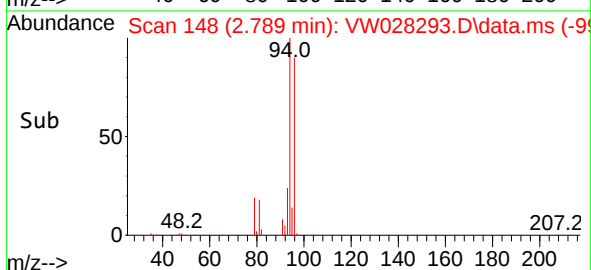
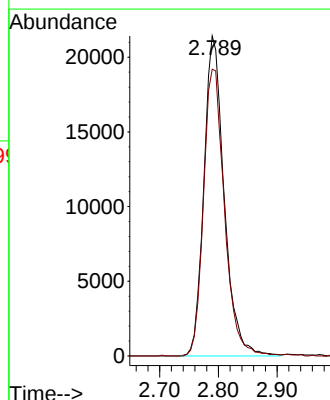
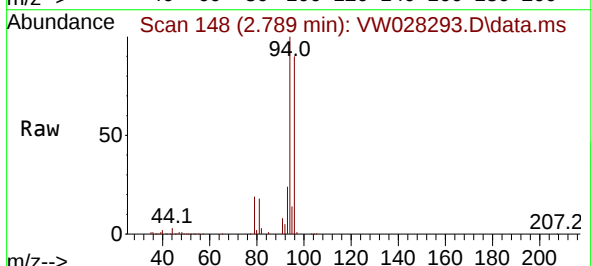
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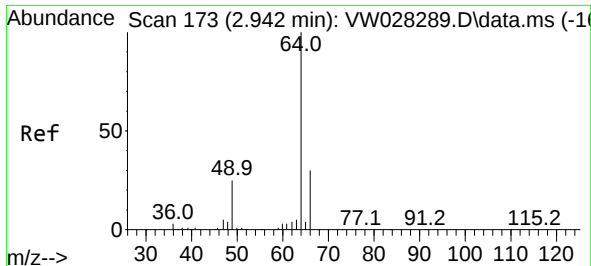
Tgt Ion: 94 Resp: 51434

Ion Ratio Lower Upper

94 100

96 89.6 60.8 113.0

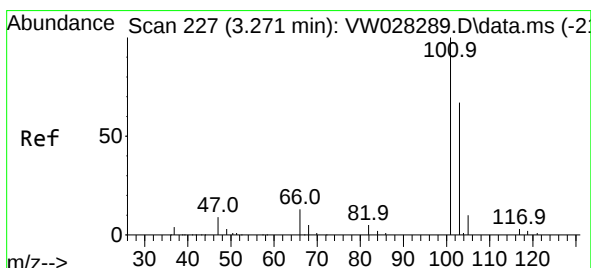
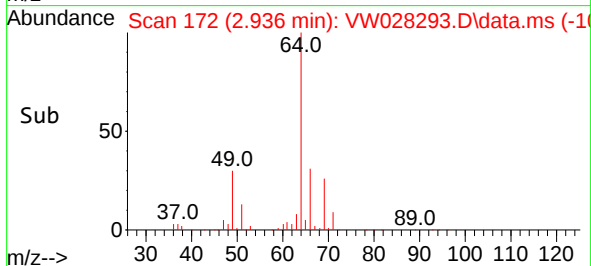
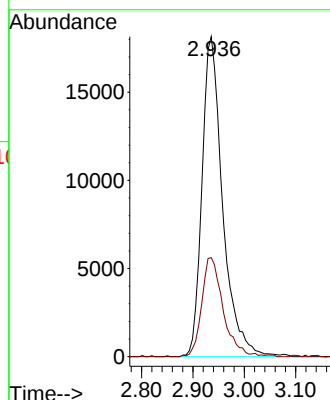
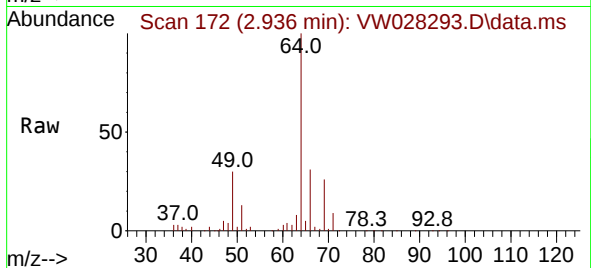




#8
Chloroethane
Concen: 29.334 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

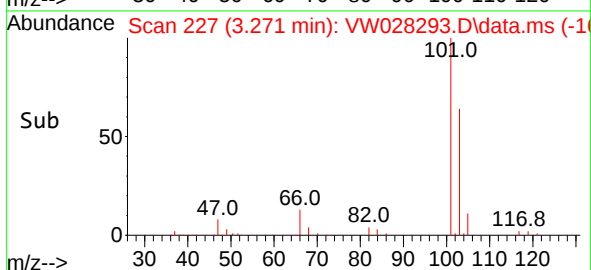
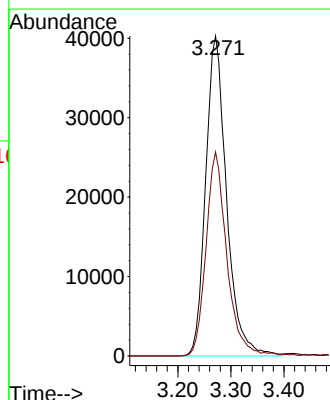
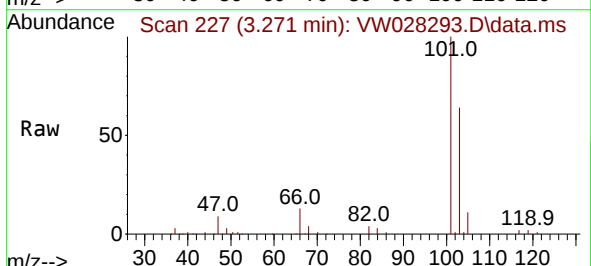
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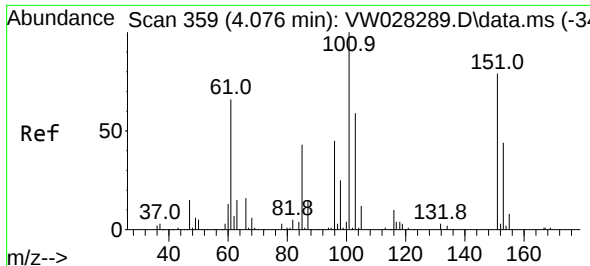
Tgt Ion: 64 Resp: 50660
Ion Ratio Lower Upper
64 100
66 30.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 28.360 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

Tgt Ion:101 Resp: 110171
Ion Ratio Lower Upper
101 100
103 62.9 50.9 76.3

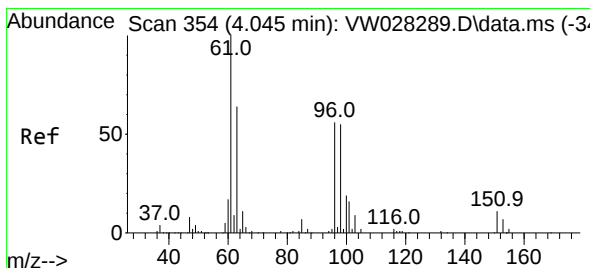
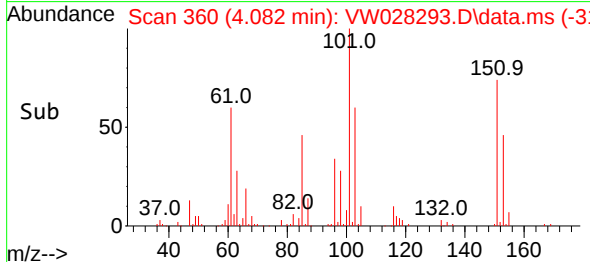
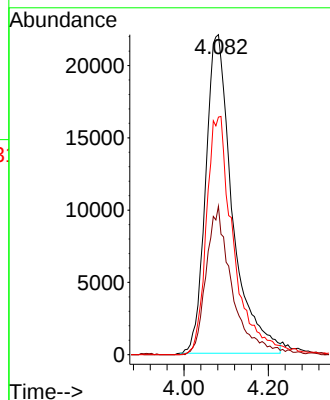
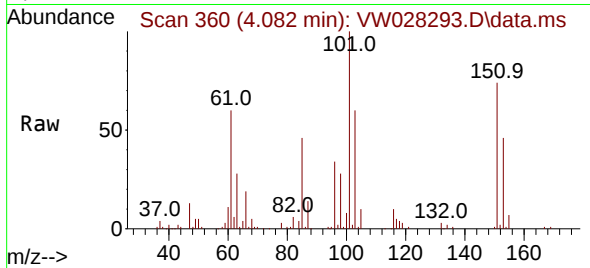




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.215 ug/L
RT: 4.082 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

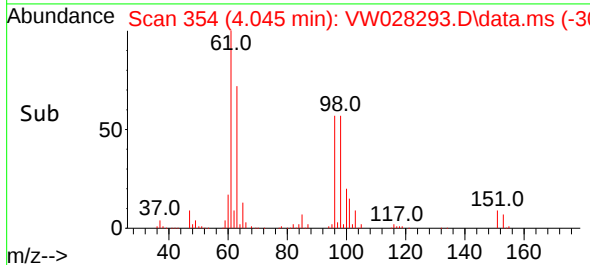
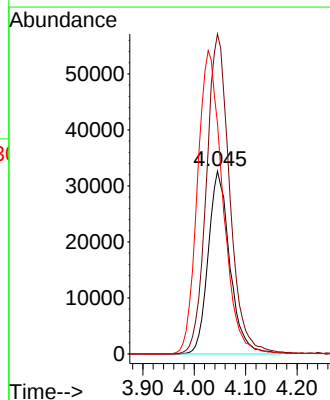
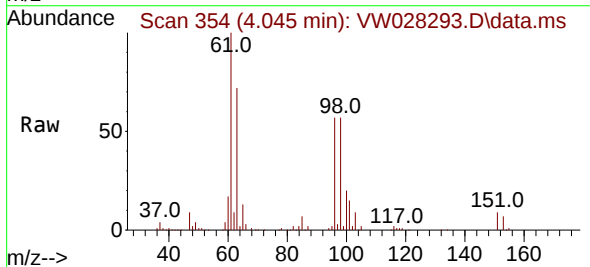
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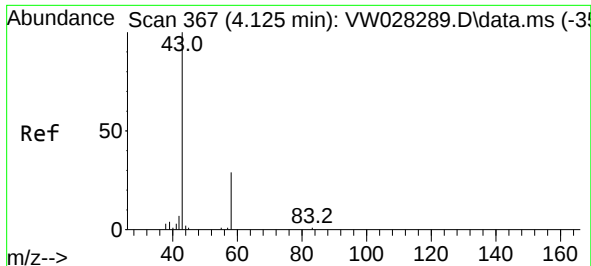
Tgt Ion:101 Resp: 97307
Ion Ratio Lower Upper
101 100
85 43.0 36.4 54.6
151 29.5 58.4 87.6#



#12
1,1-Dichloroethene
Concen: 26.850 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

Tgt Ion: 96 Resp: 95786
Ion Ratio Lower Upper
96 100
61 174.9 132.2 245.4
63 126.0 104.6 194.2





#13

Acetone

Concen: 61.647 ug/L

RT: 4.130 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

Instrument :

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ClientSampleId :

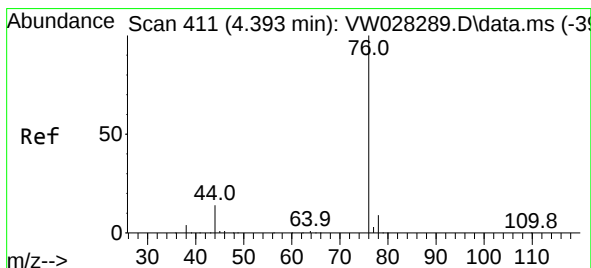
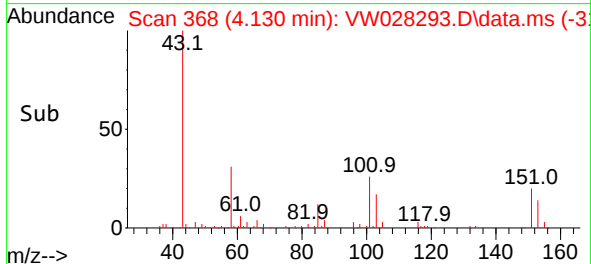
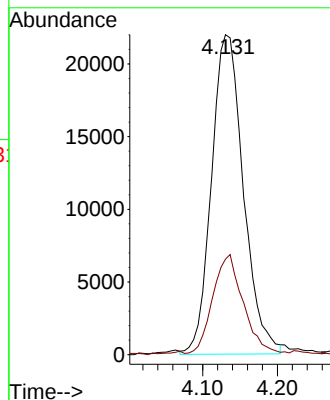
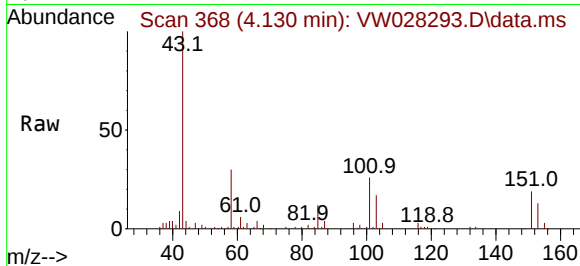
E07D6MSD

Tgt Ion: 43 Resp: 65257

Ion Ratio Lower Upper

43 100

58 29.8 0.0 57.8



#14

Carbon disulfide

Concen: 24.014 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

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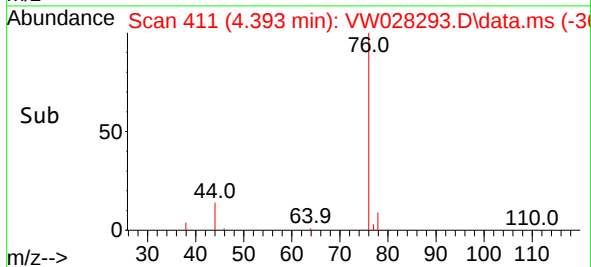
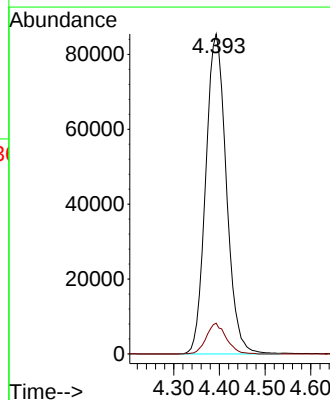
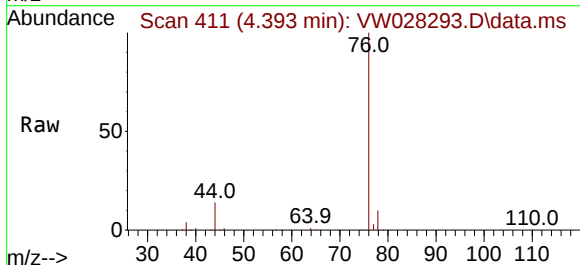
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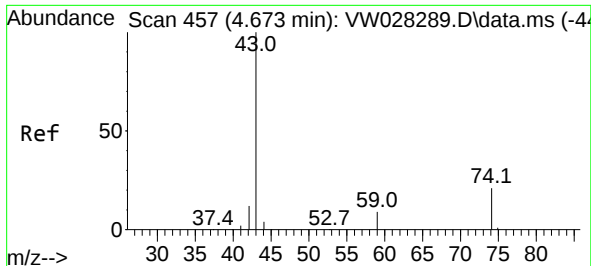
Tgt Ion: 76 Resp: 267200

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7

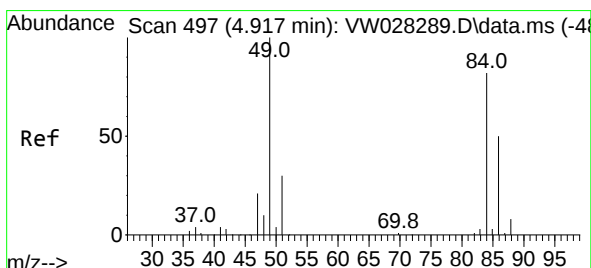
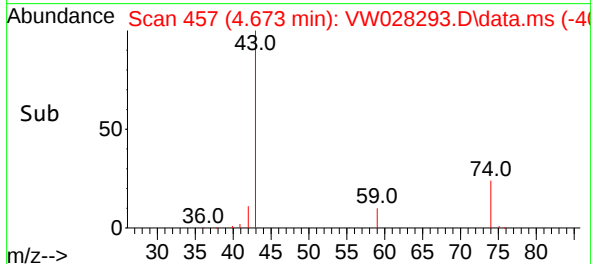
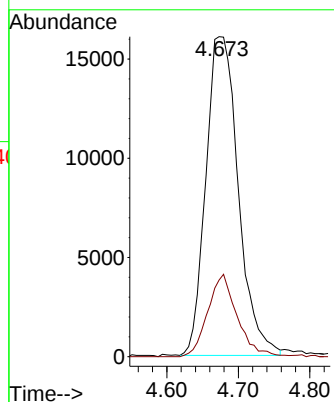
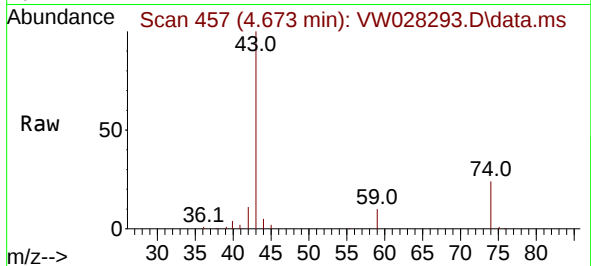




#15
Methyl Acetate
Concen: 31.103 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

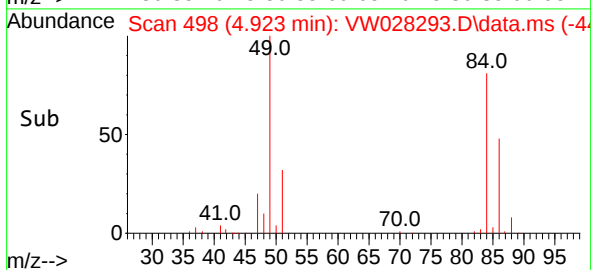
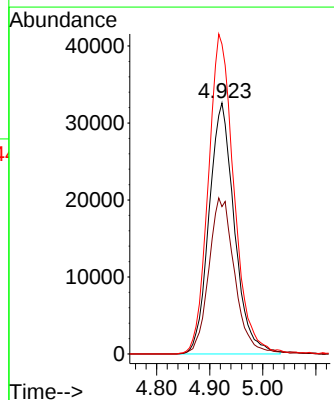
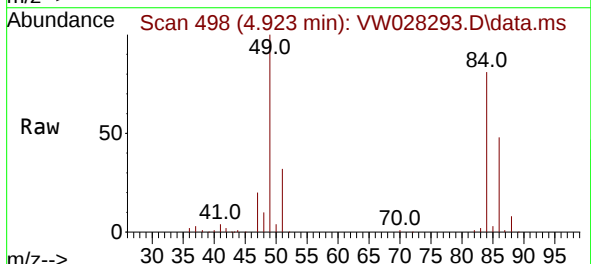
Instrument :
MSVOA_W
ClientSampleId :
E07D6MSD

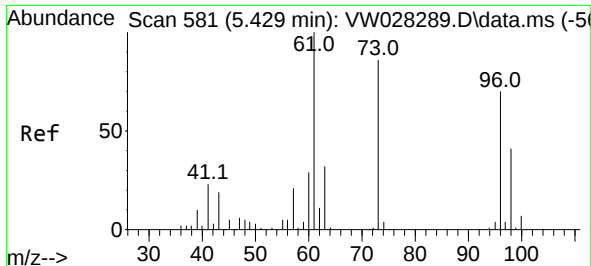
Tgt Ion: 43 Resp: 50715
Ion Ratio Lower Upper
43 100
74 22.6 18.2 27.2



#16
Methylene chloride
Concen: 25.751 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

Tgt Ion: 84 Resp: 108278
Ion Ratio Lower Upper
84 100
86 58.7 43.1 80.1
49 123.4 89.4 166.0

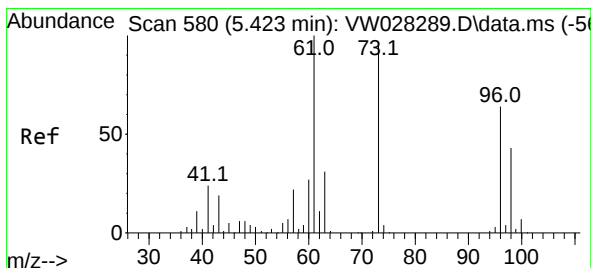
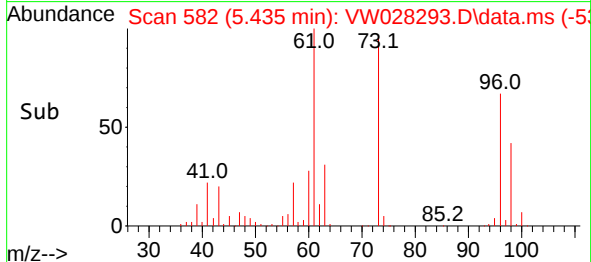
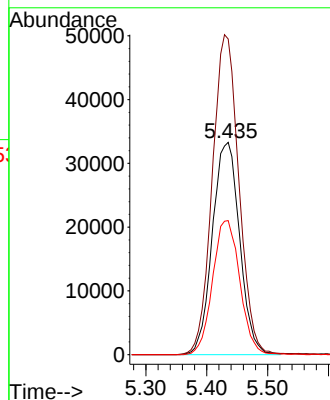
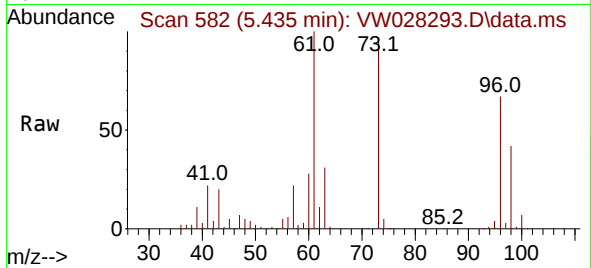




#17
trans-1,2-Dichloroethene
Concen: 27.271 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

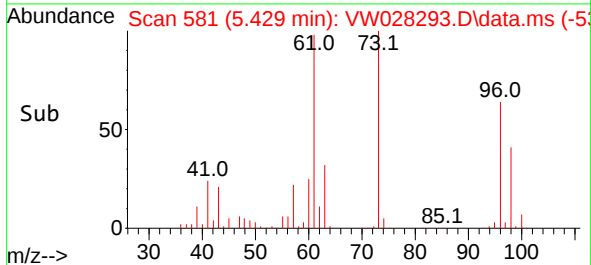
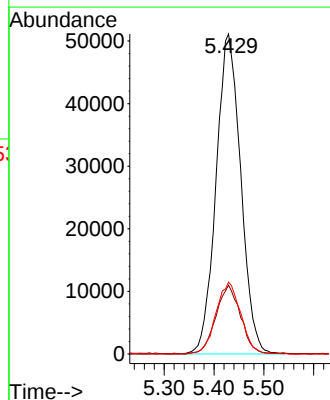
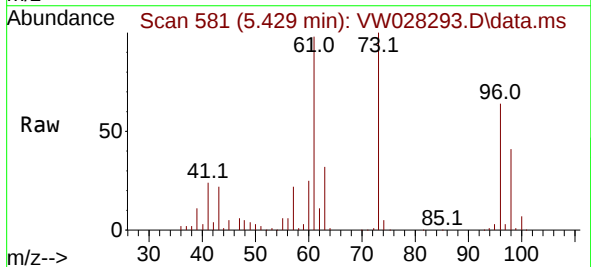
Instrument :
MSVOA_W
ClientSampleId :
E07D6MSD

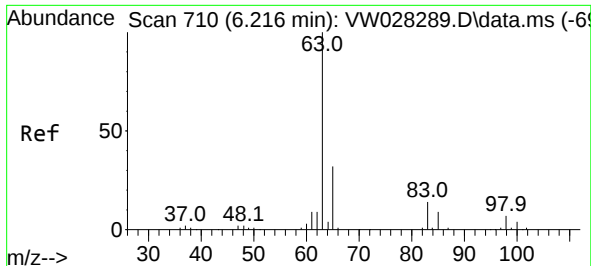
Tgt Ion: 96 Resp: 103391
Ion Ratio Lower Upper
96 100
61 148.7 98.4 182.8
98 63.1 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 30.689 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

Tgt Ion: 73 Resp: 175546
Ion Ratio Lower Upper
73 100
43 21.5 18.2 27.4
57 22.6 17.4 26.2





#19

1,1-Dichloroethane

Concen: 28.608 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

E07D6MSD

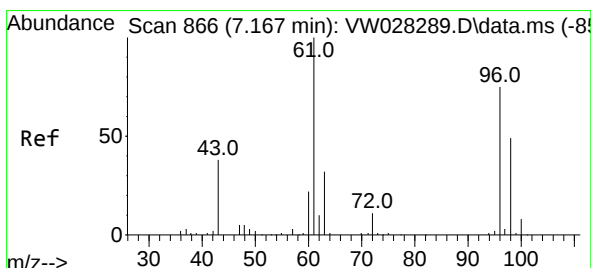
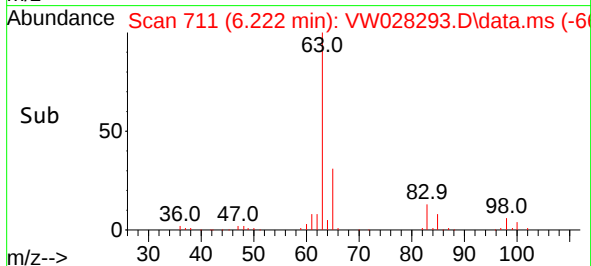
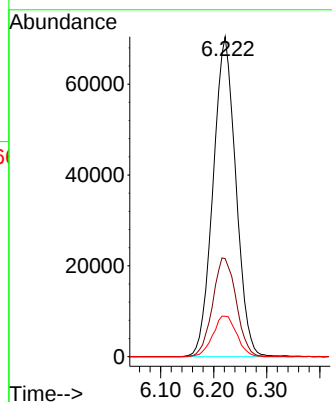
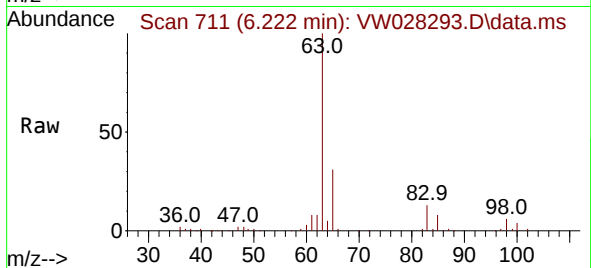
Tgt Ion: 63 Resp: 209975

Ion Ratio Lower Upper

63 100

65 30.7 22.1 41.1

83 12.7 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 28.562 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

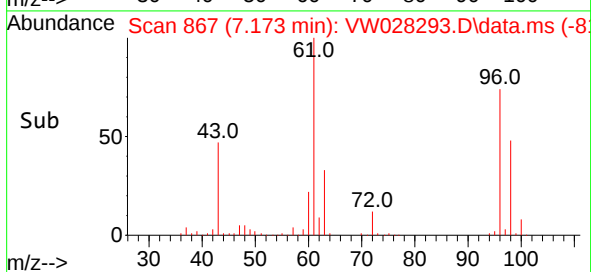
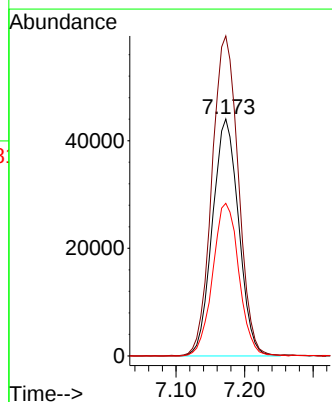
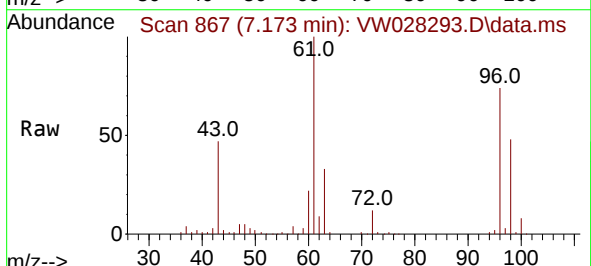
Tgt Ion: 96 Resp: 116949

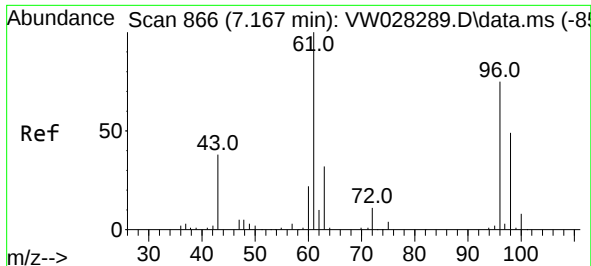
Ion Ratio Lower Upper

96 100

61 135.0 95.7 177.7

98 64.4 43.9 81.5





#22

2-Butanone

Concen: 64.076 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

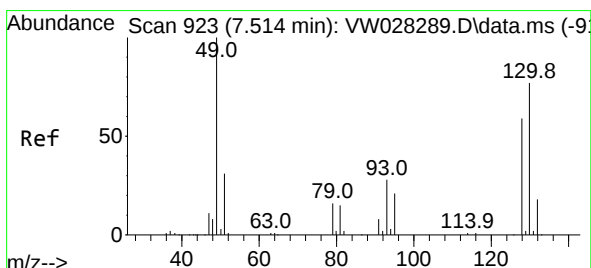
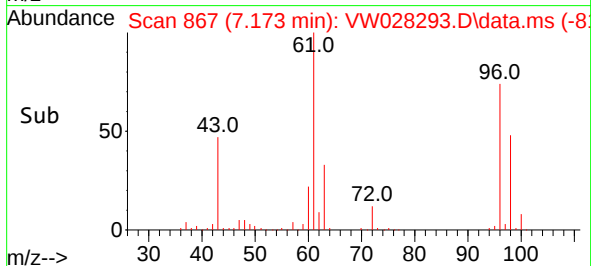
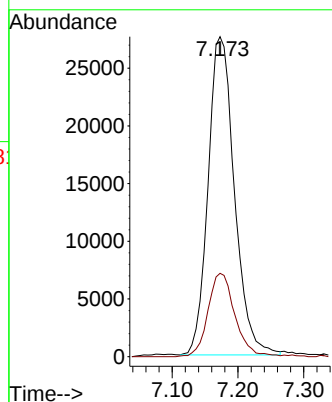
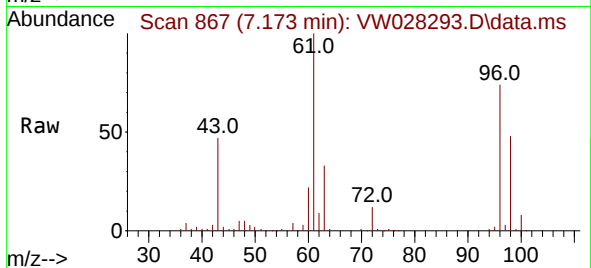
E07D6MSD

Tgt Ion: 43 Resp: 77011

Ion Ratio Lower Upper

43 100

72 26.3 12.8 38.4



#23

Bromochloromethane

Concen: 29.091 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

Tgt Ion: 128 Resp: 52662

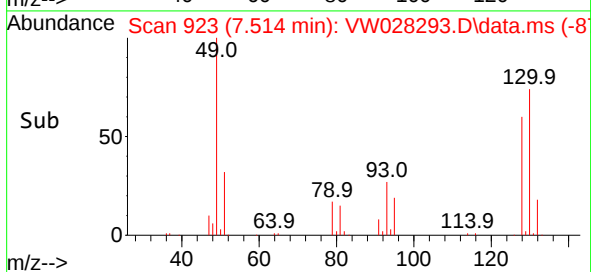
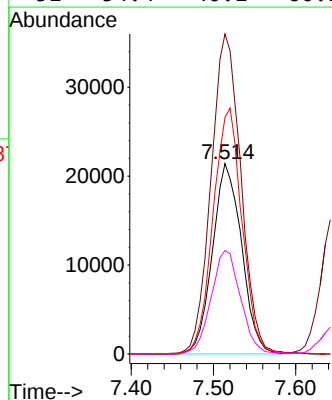
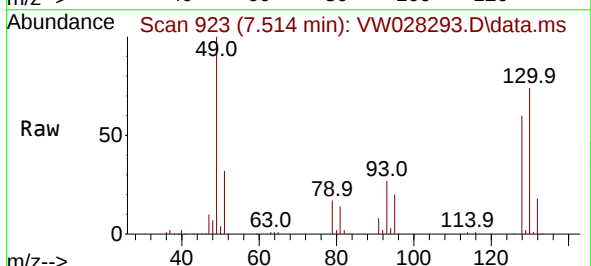
Ion Ratio Lower Upper

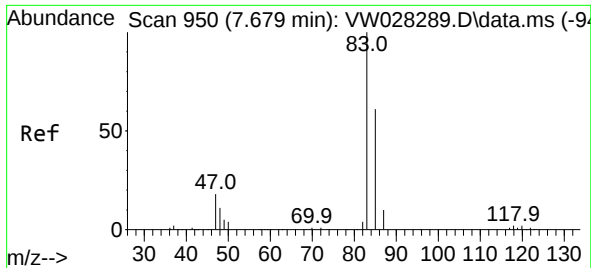
128 100

49 168.0 116.6 216.6

130 124.2 80.1 148.7

51 54.4 40.1 60.1

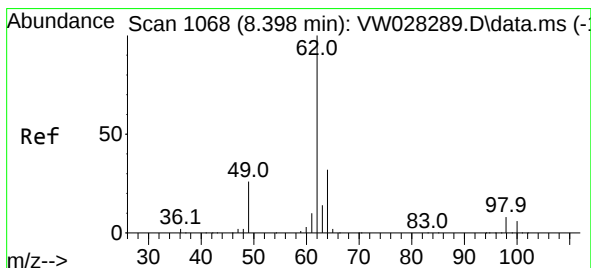
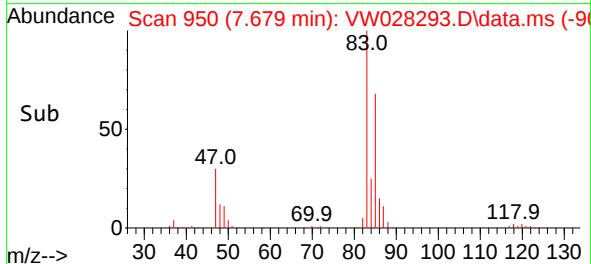
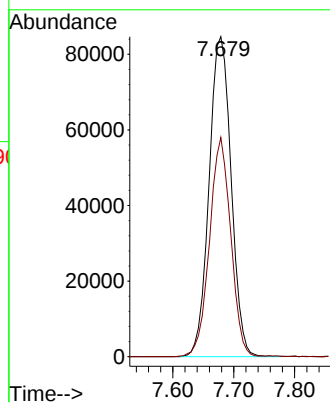
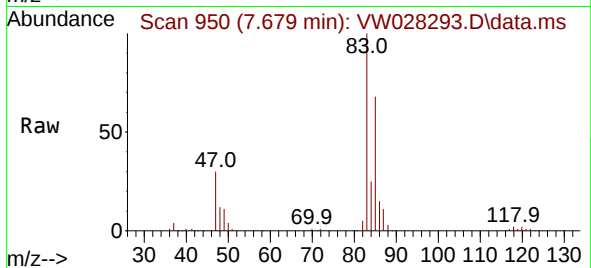




#25
Chloroform
Concen: 28.146 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

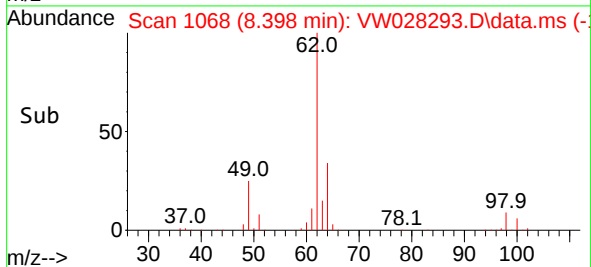
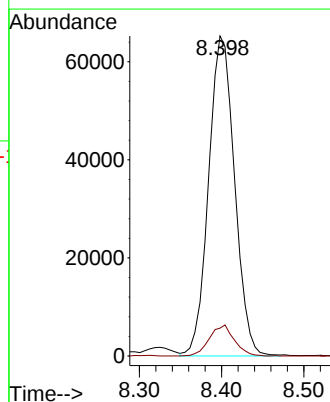
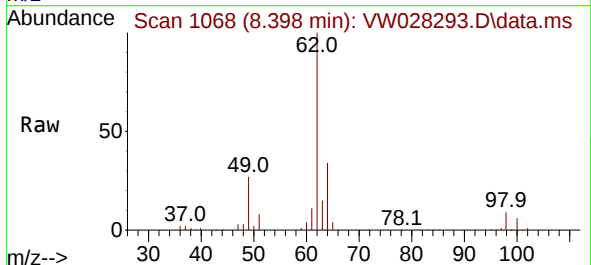
Instrument :
MSVOA_W
ClientSampleId :
E07D6MSD

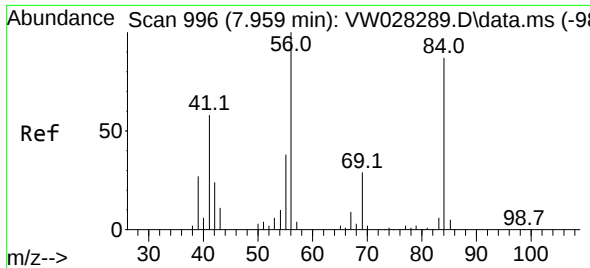
Tgt Ion: 83 Resp: 212679
Ion Ratio Lower Upper
83 100
85 68.5 44.5 82.7



#27
1,2-Dichloroethane
Concen: 26.902 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

Tgt Ion: 62 Resp: 143552
Ion Ratio Lower Upper
62 100
98 8.7 5.9 8.9

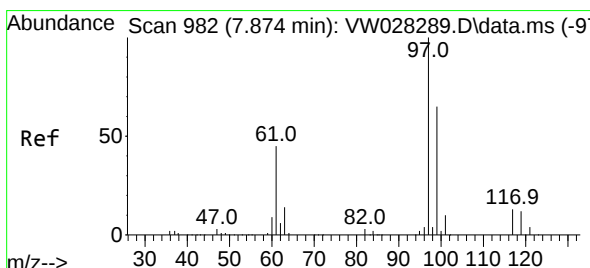
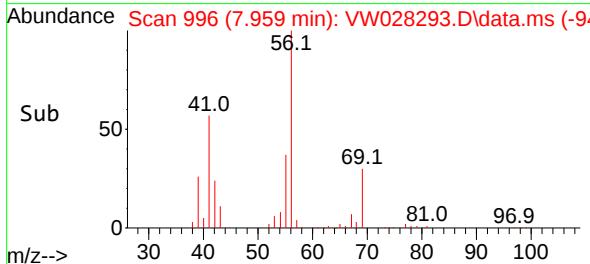
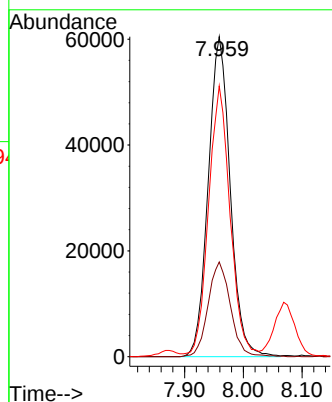
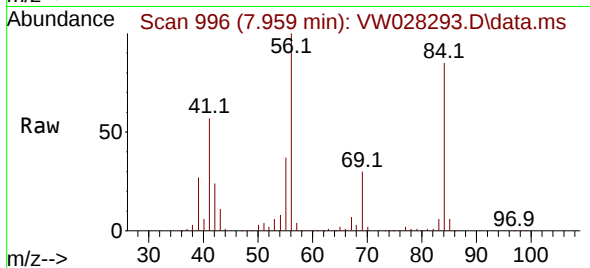




#29
Cyclohexane
Concen: 24.945 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

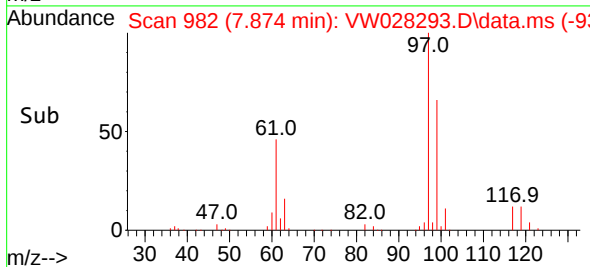
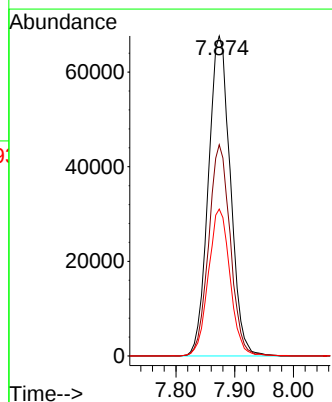
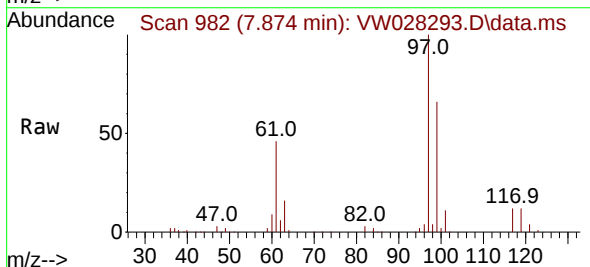
Instrument :
MSVOA_W
ClientSampleId :
E07D6MSD

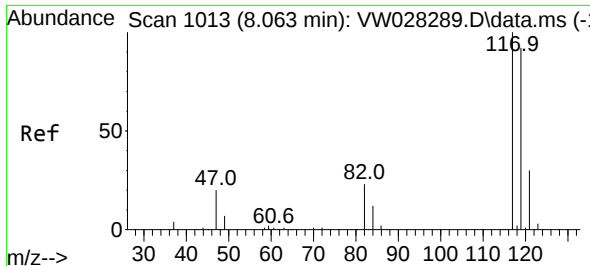
Tgt Ion: 56 Resp: 157439
Ion Ratio Lower Upper
56 100
69 30.0 24.0 36.0
84 83.1 68.4 102.6



#30
1,1,1-Trichloroethane
Concen: 27.724 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

Tgt Ion: 97 Resp: 175856
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 45.2 37.0 55.6

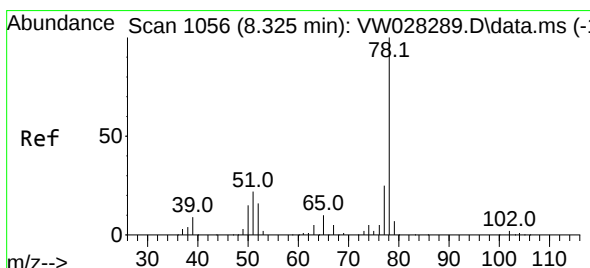
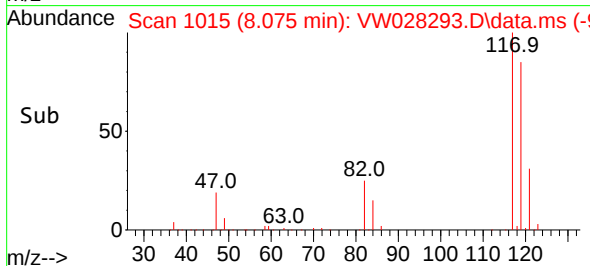
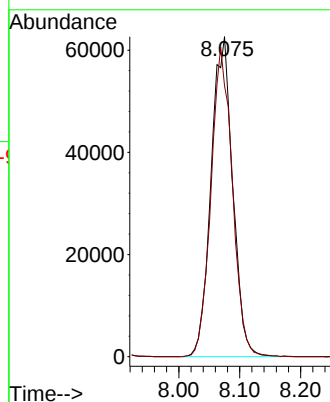
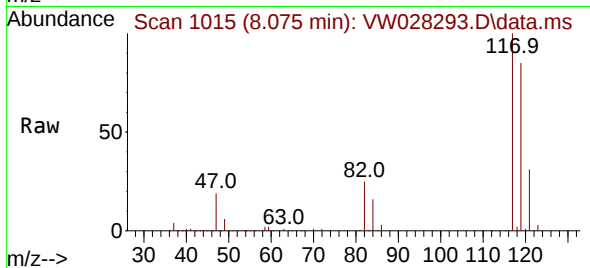




#31
Carbon tetrachloride
Concen: 25.921 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.012 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

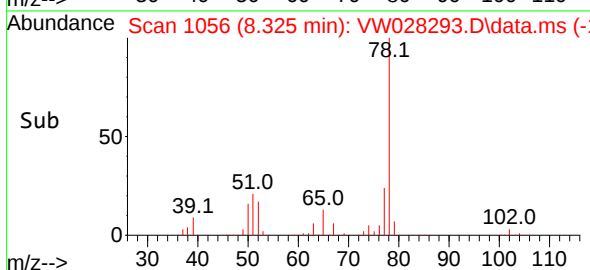
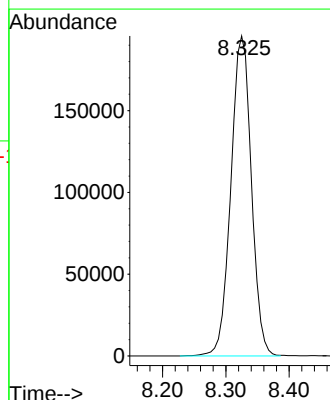
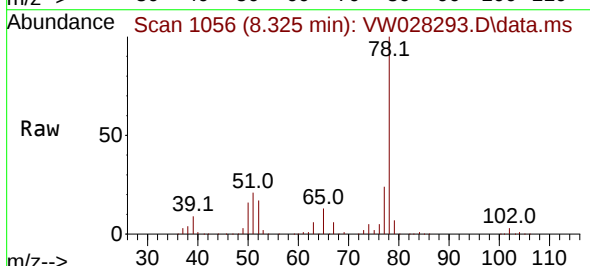
Instrument :
MSVOA_W
ClientSampleId :
E07D6MSD

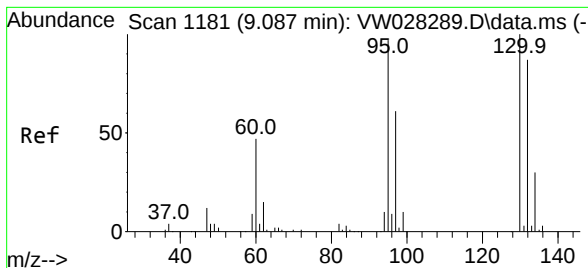
Tgt Ion:117 Resp: 154221
Ion Ratio Lower Upper
117 100
119 95.6 78.2 117.4



#33
Benzene
Concen: 29.605 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

Tgt Ion: 78 Resp: 440821





#34

Trichloroethene

Concen: 27.754 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

E07D6MSD

Tgt Ion: 95 Resp: 115295

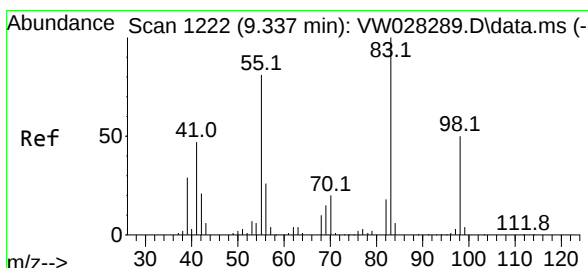
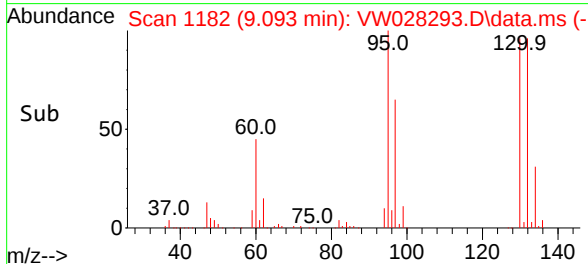
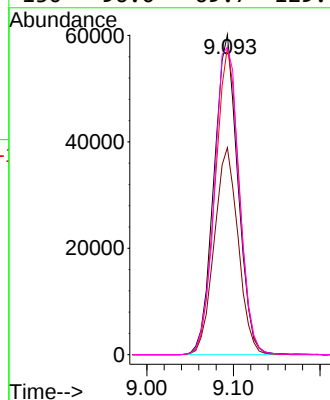
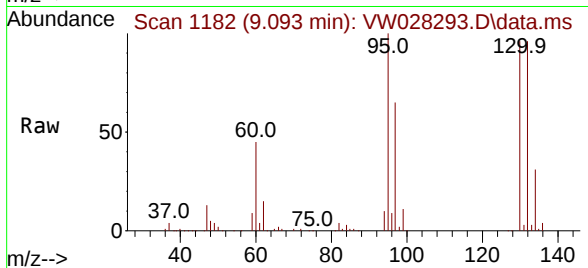
Ion Ratio Lower Upper

95 100

97 64.7 42.4 78.6

132 96.1 69.4 128.8

130 96.0 69.7 129.4



#35

Methylcyclohexane

Concen: 19.474 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

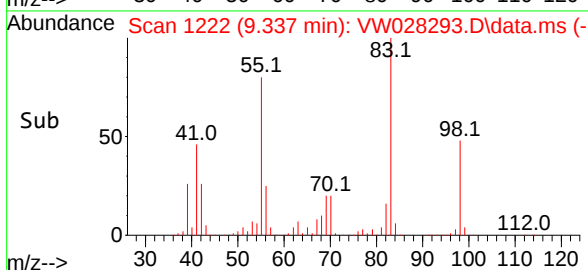
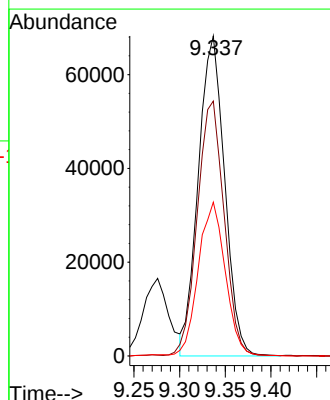
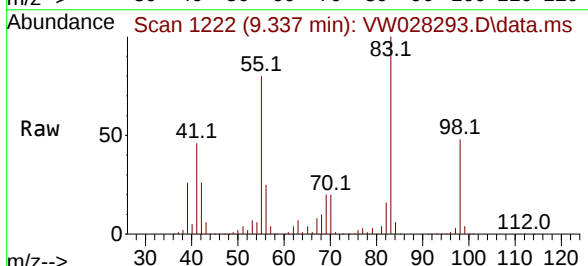
Tgt Ion: 83 Resp: 136745

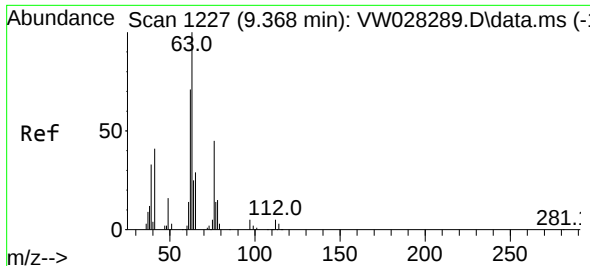
Ion Ratio Lower Upper

83 100

55 81.3 64.2 96.4

98 49.3 38.3 57.5





#37

1,2-Dichloropropane

Concen: 31.113 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

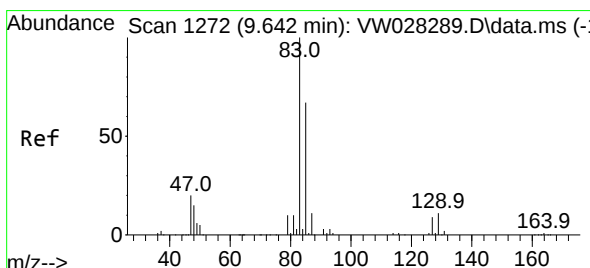
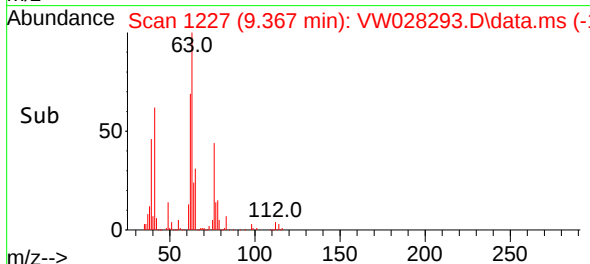
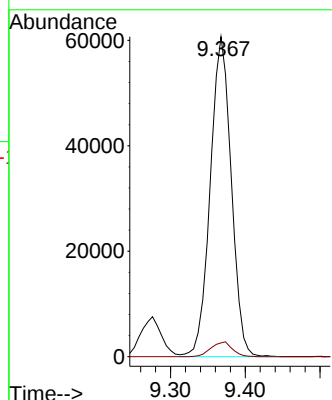
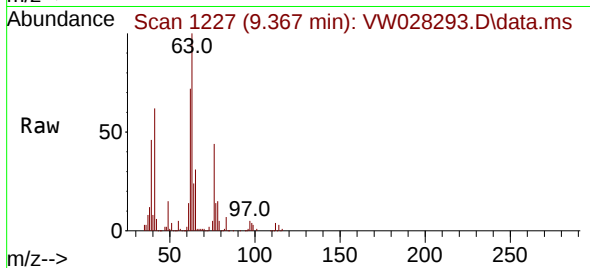
E07D6MSD

Tgt Ion: 63 Resp: 118495

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 29.570 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

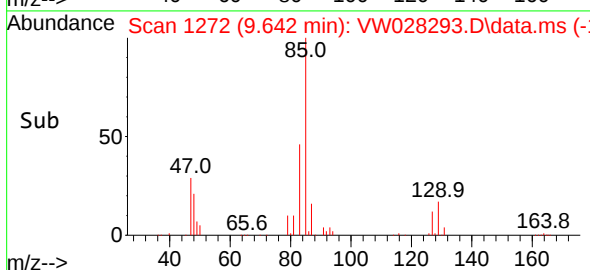
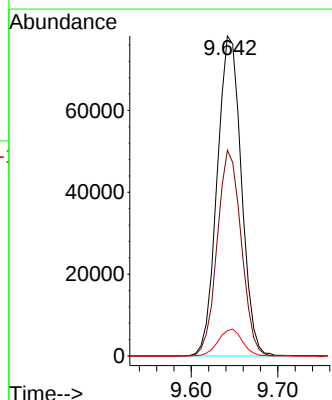
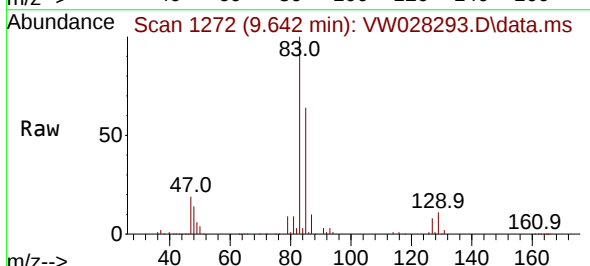
Tgt Ion: 83 Resp: 151841

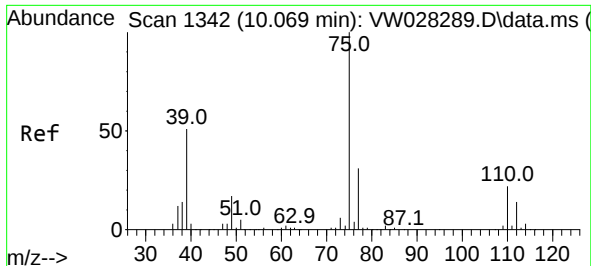
Ion Ratio Lower Upper

83 100

85 64.3 45.8 85.2

127 7.9 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 31.008 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

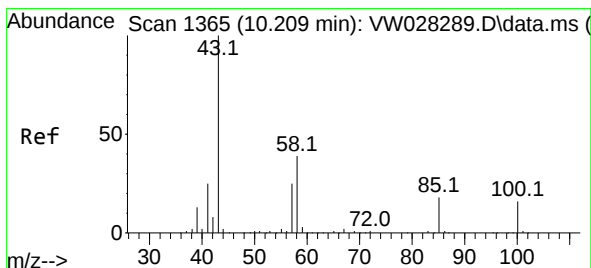
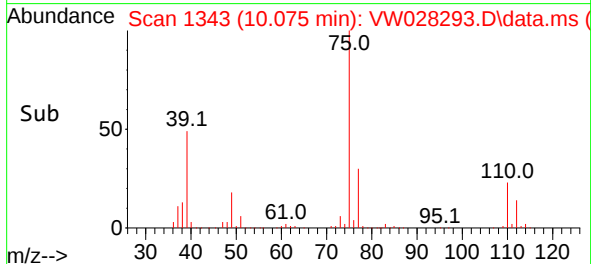
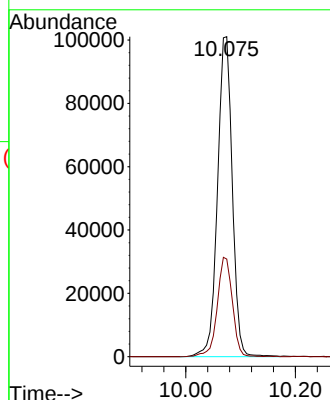
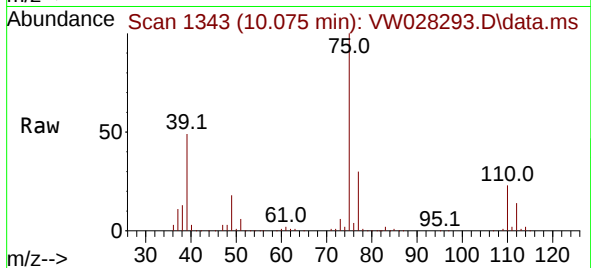
E07D6MSD

Tgt Ion: 75 Resp: 189130

Ion Ratio Lower Upper

75 100

77 30.5 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 71.661 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

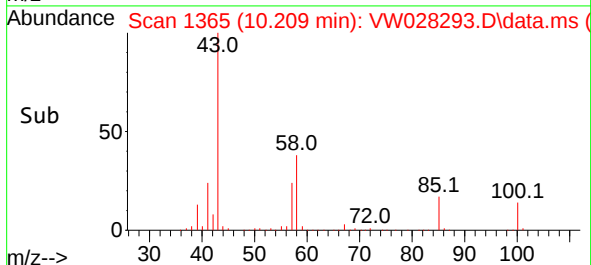
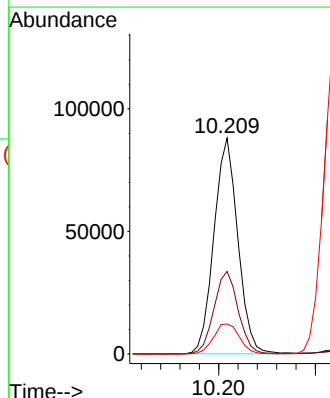
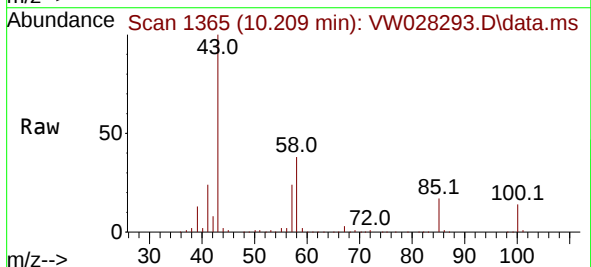
Tgt Ion: 43 Resp: 150650

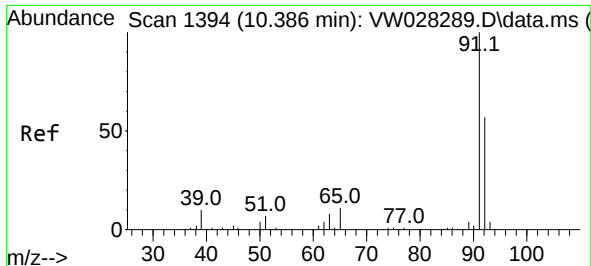
Ion Ratio Lower Upper

43 100

58 38.8 30.1 45.1

100 15.2 11.8 17.8





#42

Toluene

Concen: 28.776 ug/L

RT: 10.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

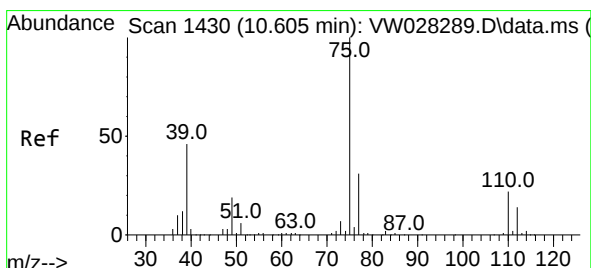
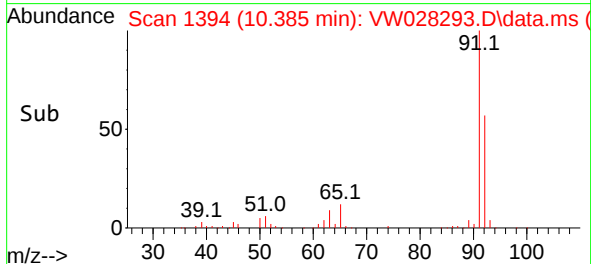
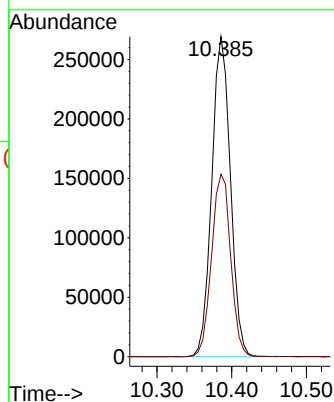
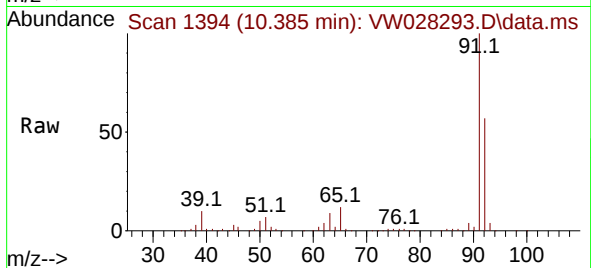
E07D6MSD

Tgt Ion: 91 Resp: 467627

Ion Ratio Lower Upper

91 100

92 57.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 30.973 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028293.D

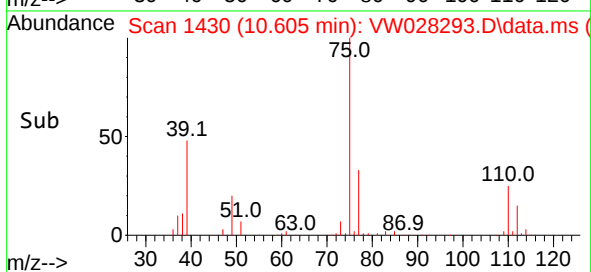
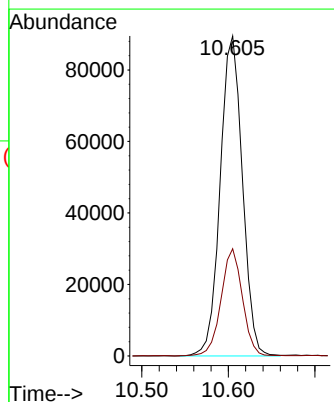
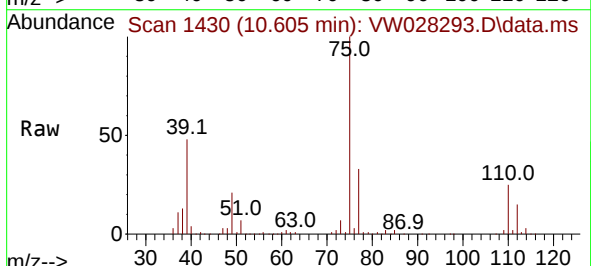
Acq: 03 Apr 2024 15:10

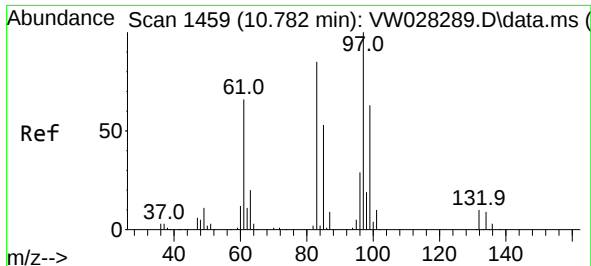
Tgt Ion: 75 Resp: 159498

Ion Ratio Lower Upper

75 100

77 33.5 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 32.063 ug/L

RT: 10.788 min Scan# 14

Delta R.T. 0.006 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

E07D6MSD

Tgt Ion: 97 Resp: 88230

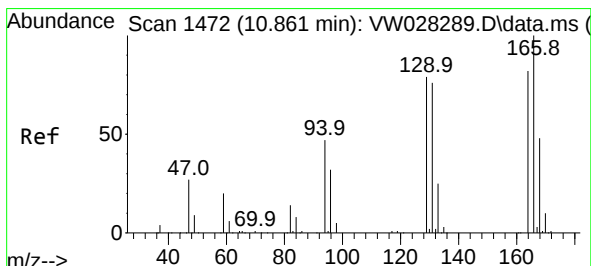
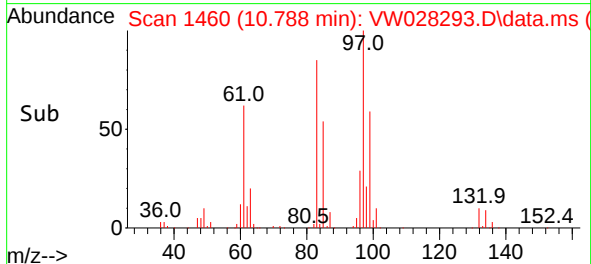
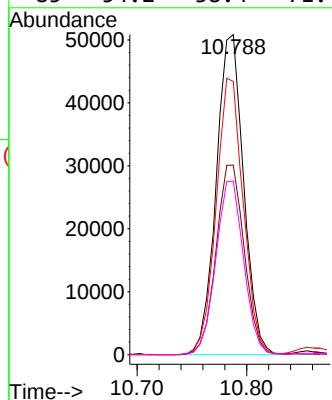
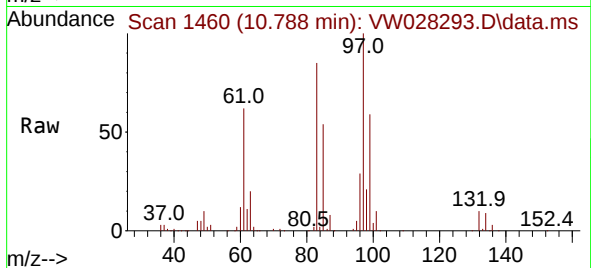
Ion Ratio Lower Upper

97 100

99 59.3 43.4 80.6

83 85.4 59.4 110.4

85 54.2 38.4 71.4



#46

Tetrachloroethene

Concen: 24.916 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

Tgt Ion:164 Resp: 83435

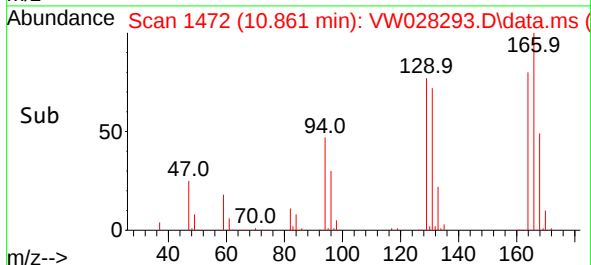
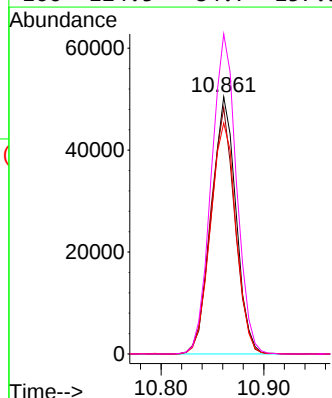
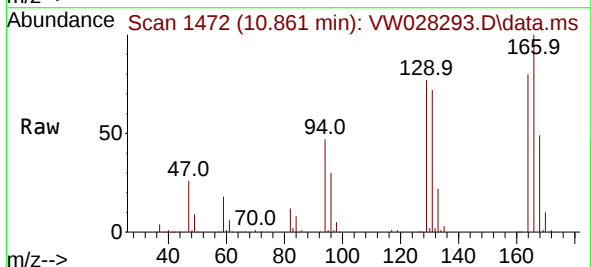
Ion Ratio Lower Upper

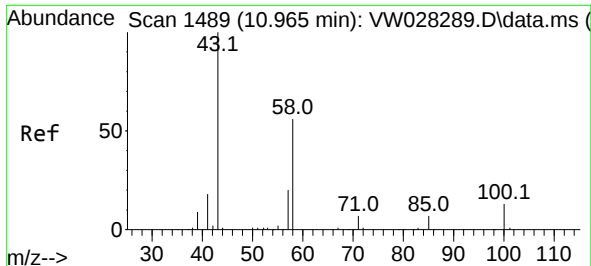
164 100

129 95.8 64.0 119.0

131 89.8 62.6 116.3

166 124.5 84.7 157.3



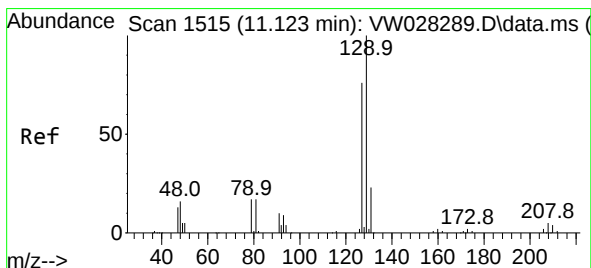
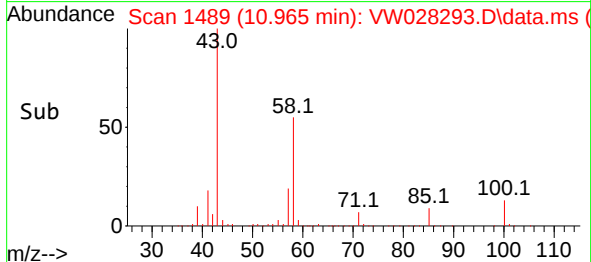
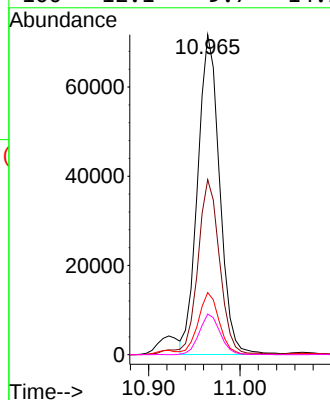
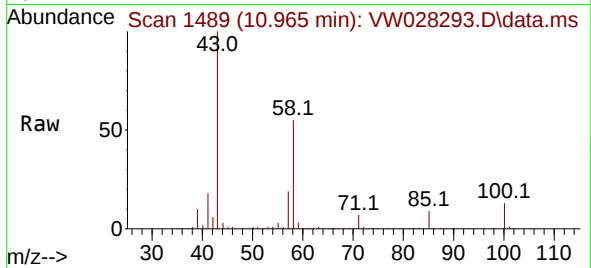


#48
2-Hexanone
Concen: 72.734 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

Instrument :
MSVOA_W
ClientSampleId :
E07D6MSD

Tgt Ion: 43 Resp: 119778

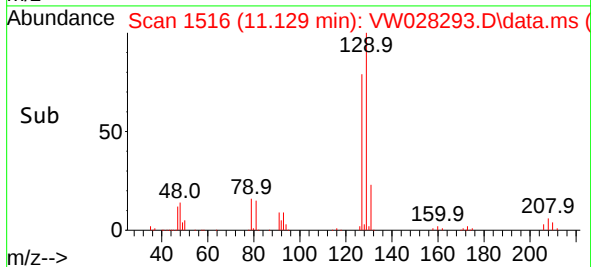
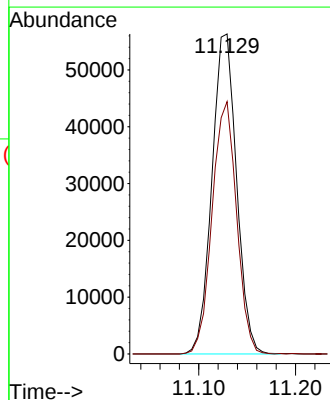
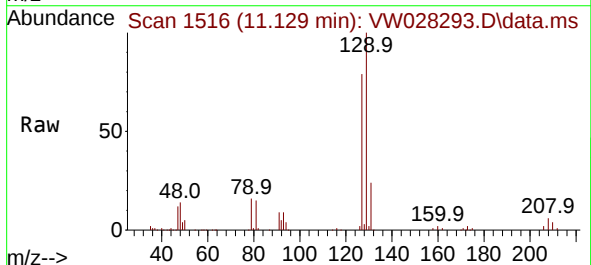
Ion	Ratio	Lower	Upper
43	100		
58	52.7	40.6	61.0
57	18.6	15.7	23.5
100	12.1	9.7	14.5

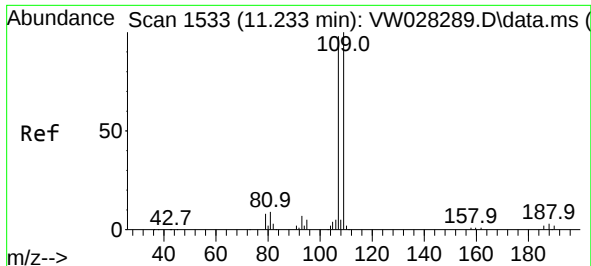


#49
Dibromochloromethane
Concen: 30.563 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

Tgt Ion: 129 Resp: 99604

Ion	Ratio	Lower	Upper
129	100		
127	78.9	53.1	98.7





#50

1,2-Dibromoethane

Concen: 31.526 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

E07D6MSD

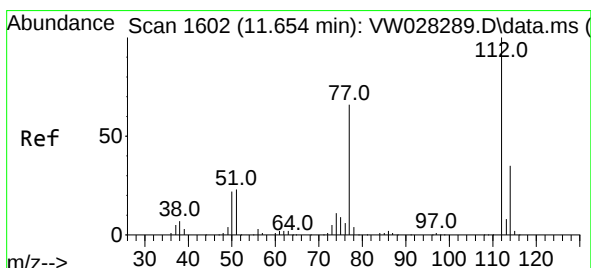
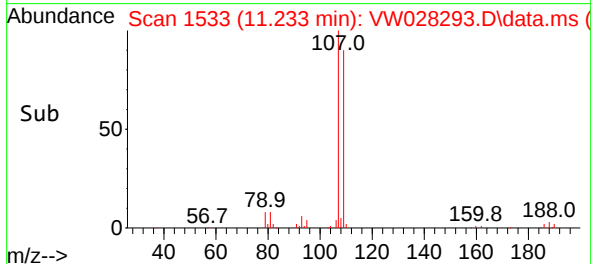
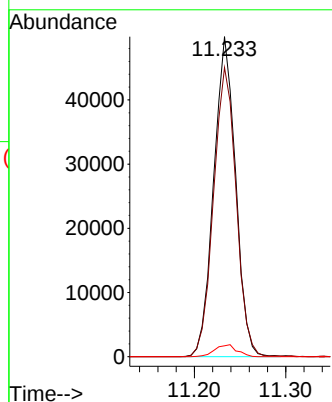
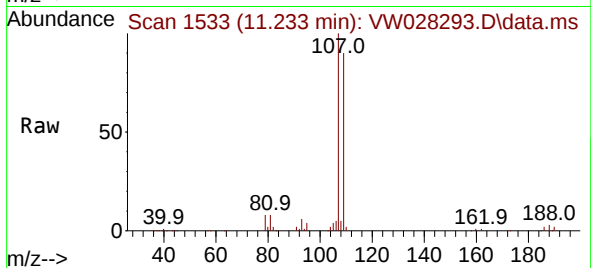
Tgt Ion:107 Resp: 82950

Ion Ratio Lower Upper

107 100

109 90.4 64.4 119.6

188 3.4 3.4 5.2#



#51

Chlorobenzene

Concen: 27.818 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

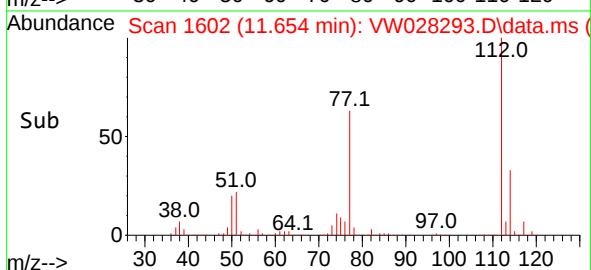
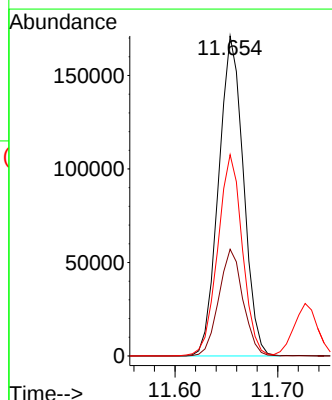
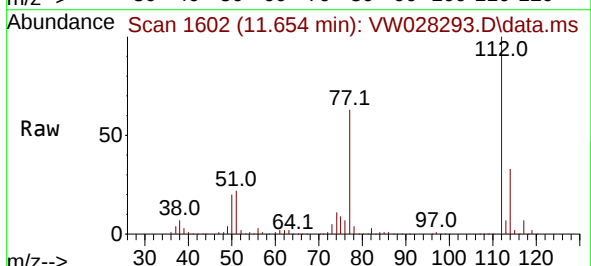
Tgt Ion:112 Resp: 286942

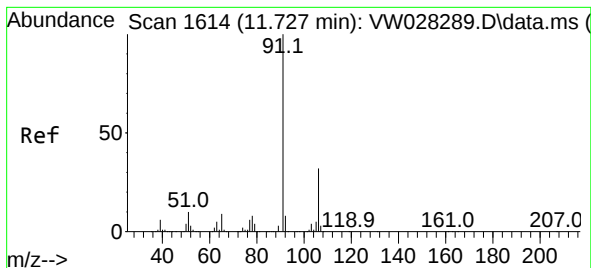
Ion Ratio Lower Upper

112 100

114 33.3 21.8 40.6

77 62.9 50.6 76.0

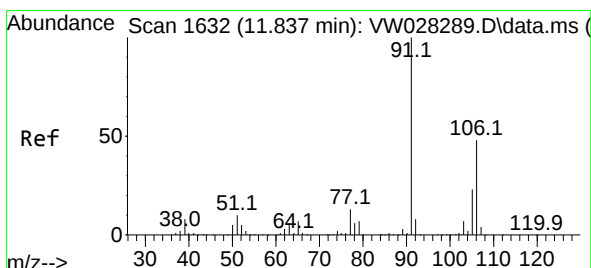
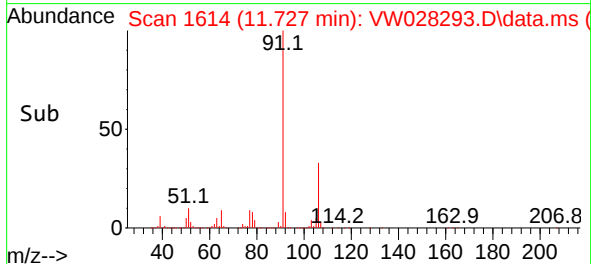
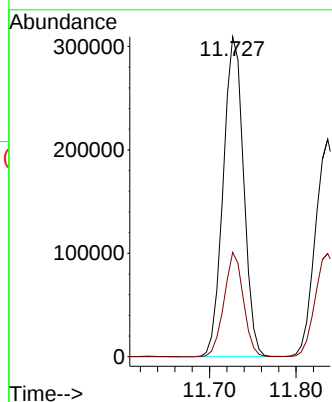
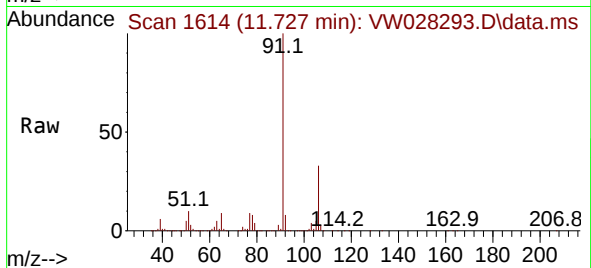




#52
Ethylbenzene
Concen: 26.721 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

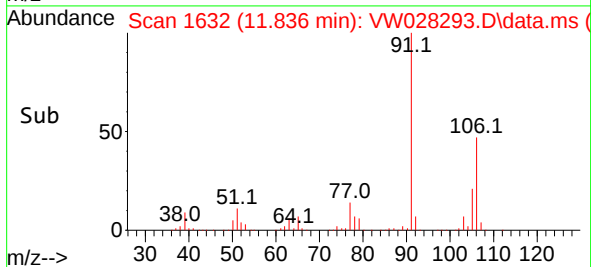
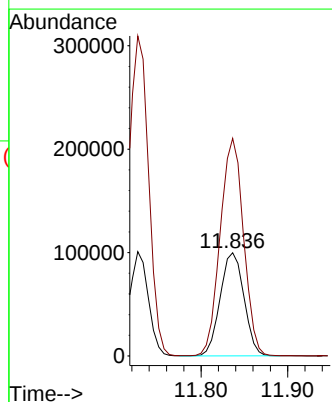
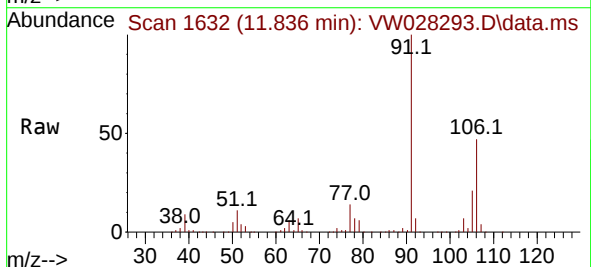
Instrument :
MSVOA_W
ClientSampleId :
E07D6MSD

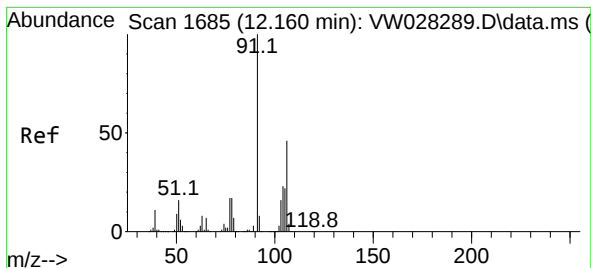
Tgt Ion: 91 Resp: 506907
Ion Ratio Lower Upper
91 100
106 32.6 21.3 39.5



#53
m,p-Xylene
Concen: 26.679 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

Tgt Ion: 106 Resp: 190459
Ion Ratio Lower Upper
106 100
91 210.9 147.1 273.1

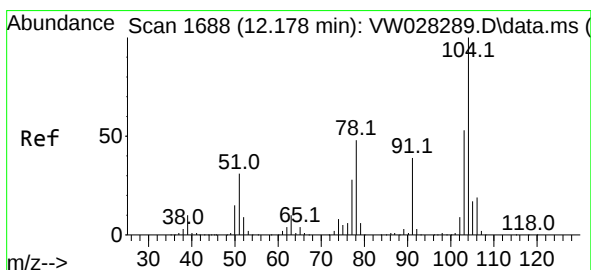
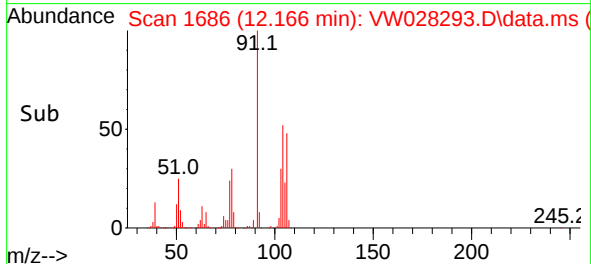
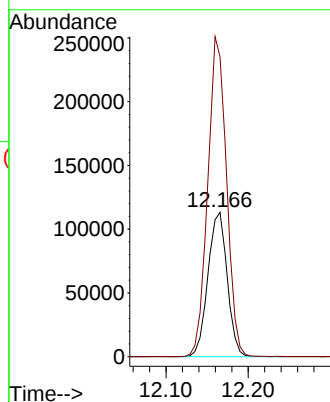
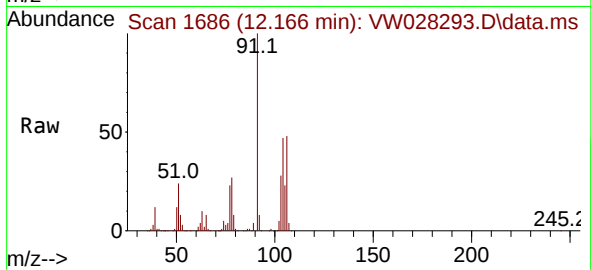




#54
o-Xylene
Concen: 27.821 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

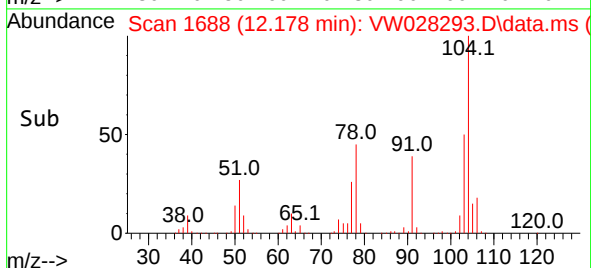
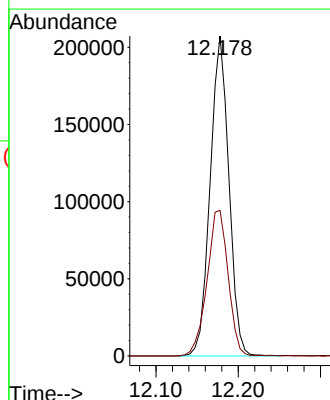
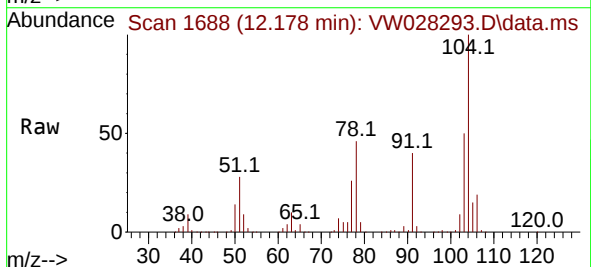
Instrument :
MSVOA_W
ClientSampleId :
E07D6MSD

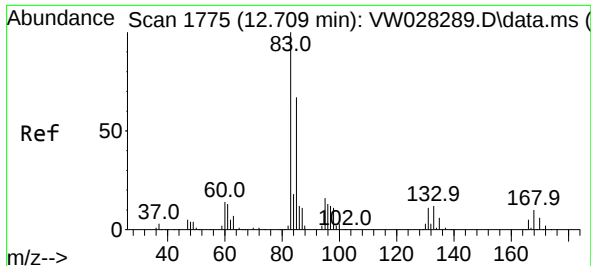
Tgt Ion:106 Resp: 184176
Ion Ratio Lower Upper
106 100
91 207.7 149.2 277.2



#55
Styrene
Concen: 28.837 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

Tgt Ion:104 Resp: 327913
Ion Ratio Lower Upper
104 100
78 45.5 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 33.310 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

E07D6MSD

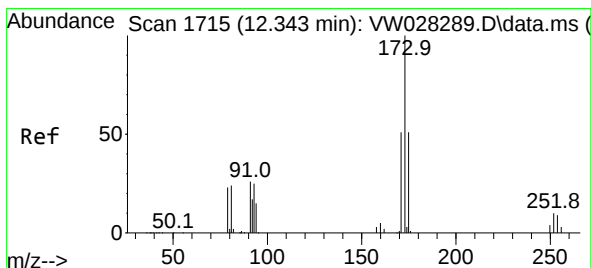
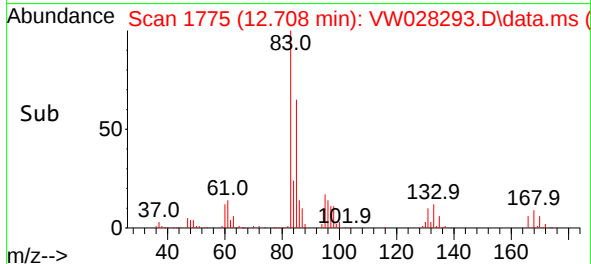
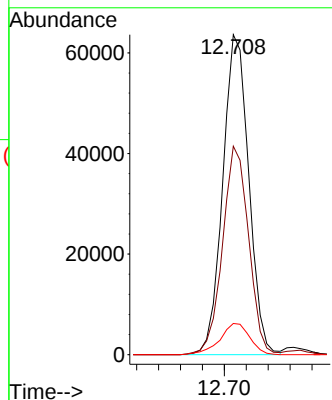
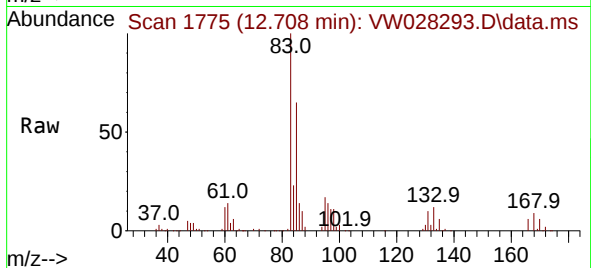
Tgt Ion: 83 Resp: 104842

Ion Ratio Lower Upper

83 100

85 65.2 47.0 87.2

131 9.8 8.9 13.3



#59

Bromoform

Concen: 33.995 ug/L

RT: 12.342 min Scan# 1715

Delta R.T. -0.000 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

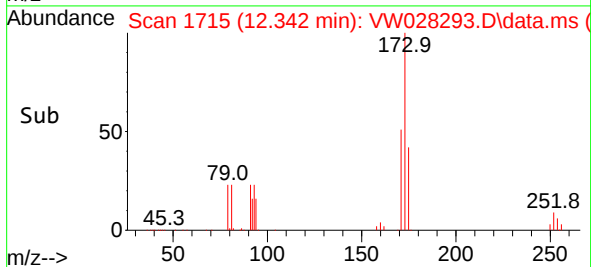
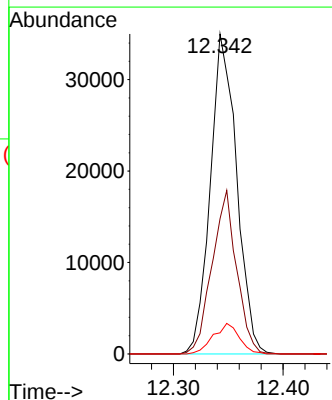
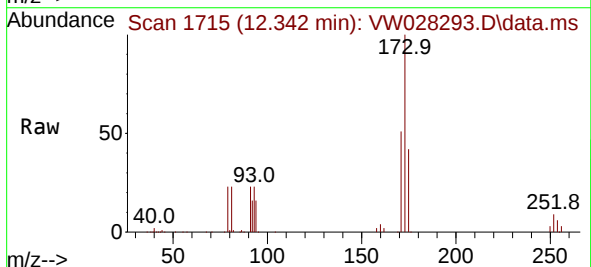
Tgt Ion: 173 Resp: 58408

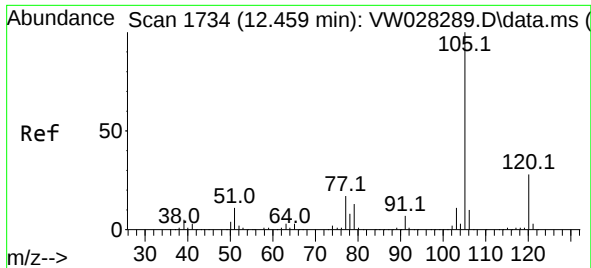
Ion Ratio Lower Upper

173 100

175 47.7 39.8 59.6

254 9.5 8.5 12.7

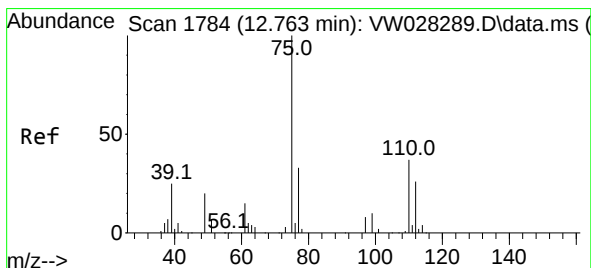
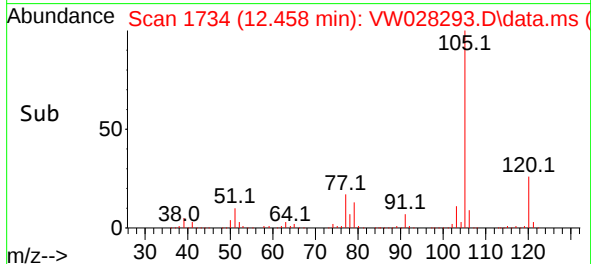
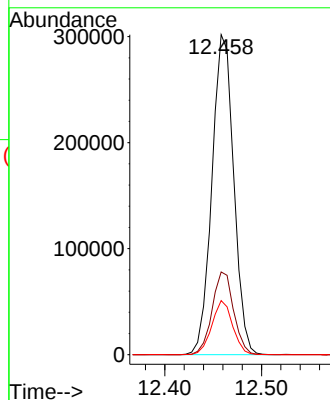
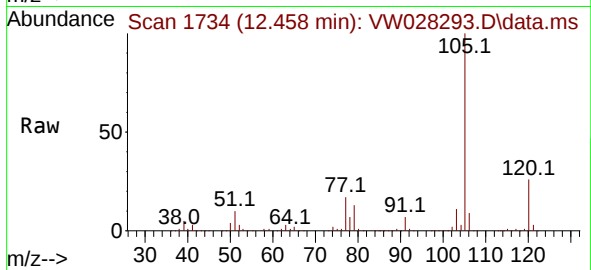




#60
Isopropylbenzene
Concen: 27.751 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

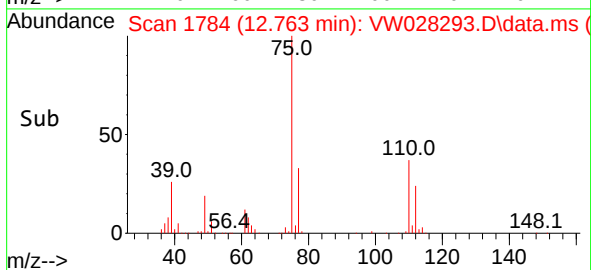
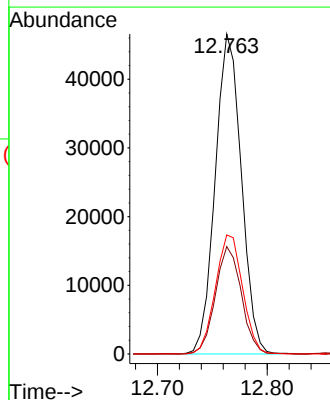
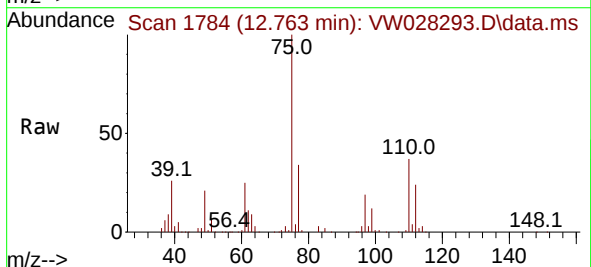
Instrument :
MSVOA_W
ClientSampleId :
E07D6MSD

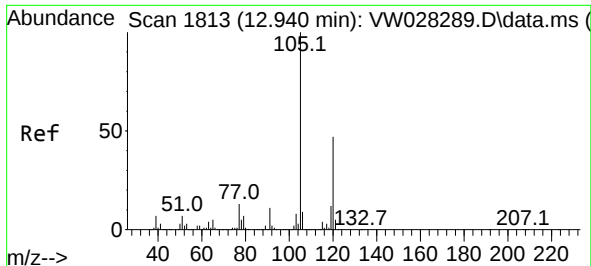
Tgt Ion:105 Resp: 472755
Ion Ratio Lower Upper
105 100
120 25.5 21.0 31.6
77 16.1 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 35.291 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

Tgt Ion: 75 Resp: 77227
Ion Ratio Lower Upper
75 100
77 33.3 26.0 39.0
110 38.7 32.2 48.2





#62

1,3,5-Trimethylbenzene

Concen: 25.571 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

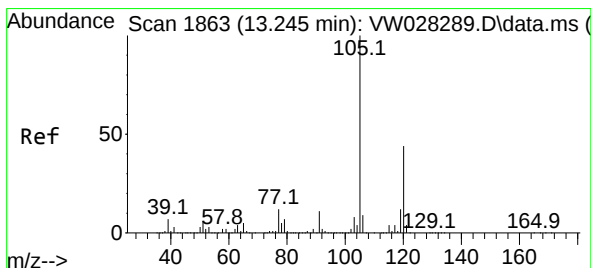
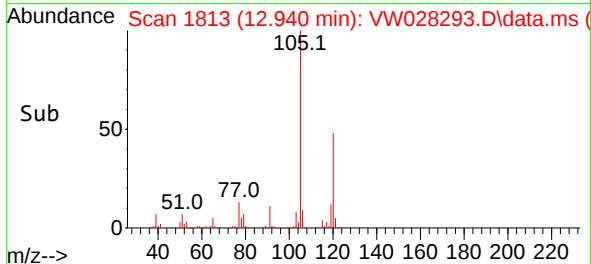
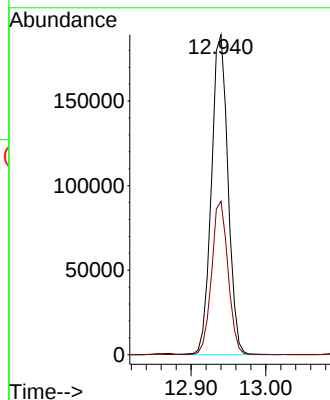
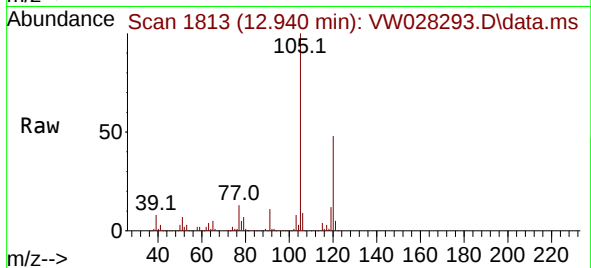
E07D6MSD

Tgt Ion:105 Resp: 292290

Ion Ratio Lower Upper

105 100

120 47.5 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 26.473 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028293.D

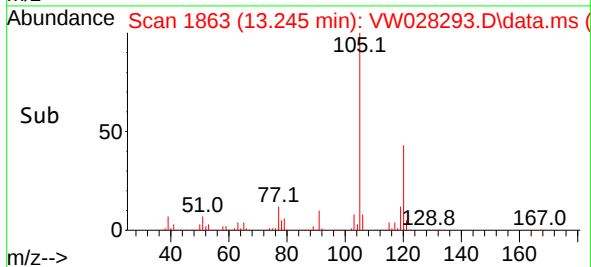
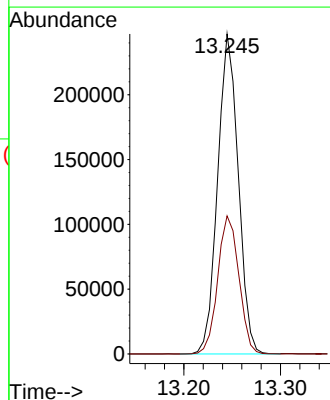
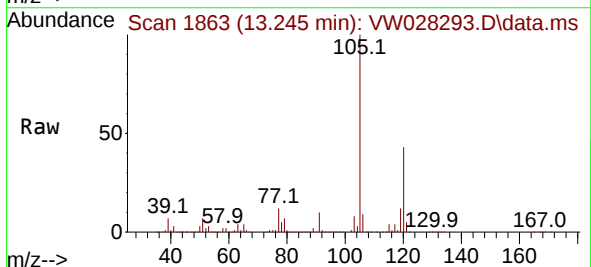
Acq: 03 Apr 2024 15:10

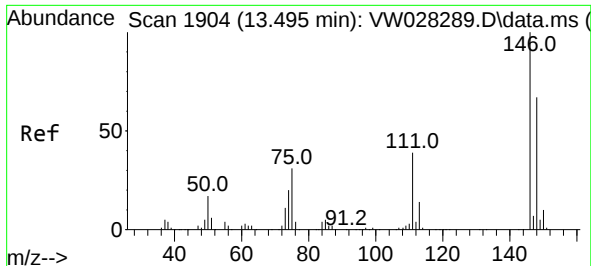
Tgt Ion:105 Resp: 365393

Ion Ratio Lower Upper

105 100

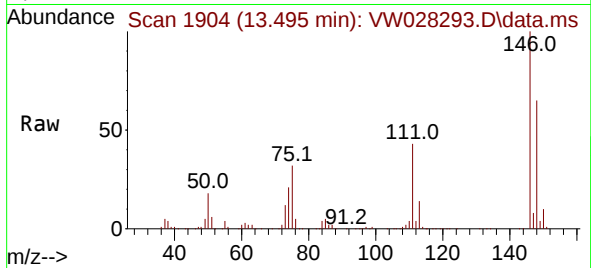
120 44.2 35.6 53.4



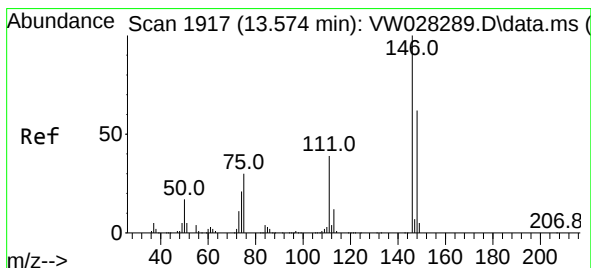
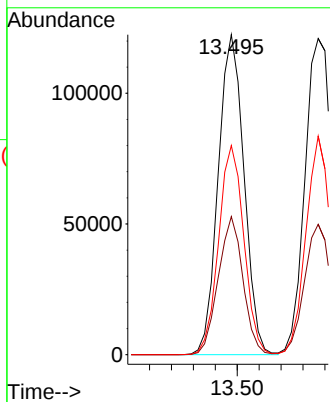
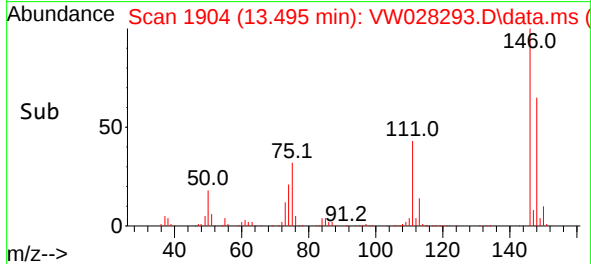


#64
1,3-Dichlorobenzene
Concen: 26.348 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10

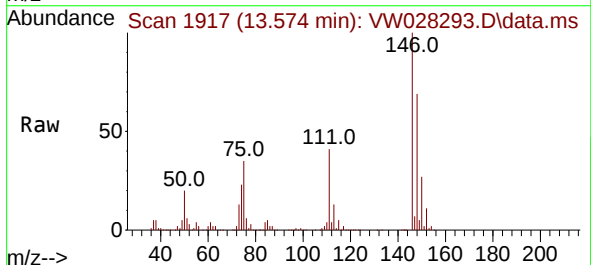
Instrument :
MSVOA_W
ClientSampleId :
E07D6MSD



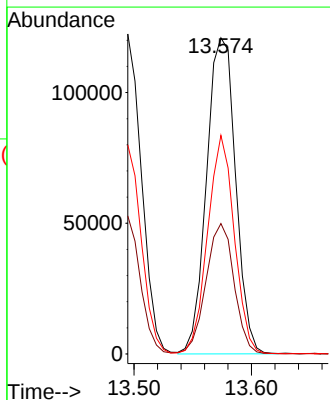
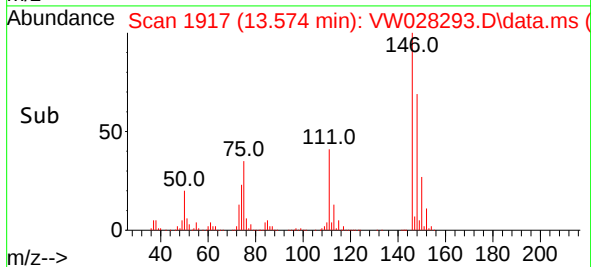
Tgt Ion:146 Resp: 200248
Ion Ratio Lower Upper
146 100
111 43.2 28.5 52.9
148 65.3 43.0 80.0

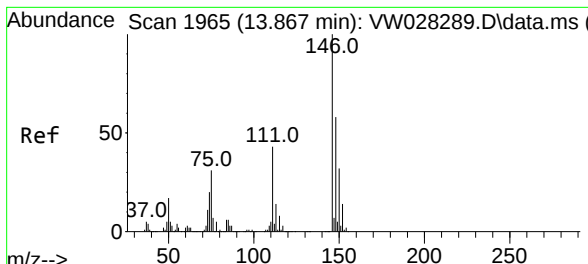


#65
1,4-Dichlorobenzene
Concen: 27.332 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028293.D
Acq: 03 Apr 2024 15:10



Tgt Ion:146 Resp: 207714
Ion Ratio Lower Upper
146 100
111 41.2 28.8 53.6
148 69.1 45.3 84.1

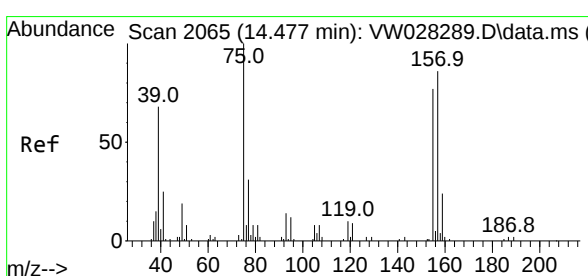
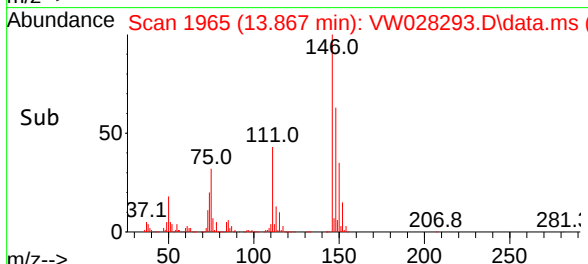
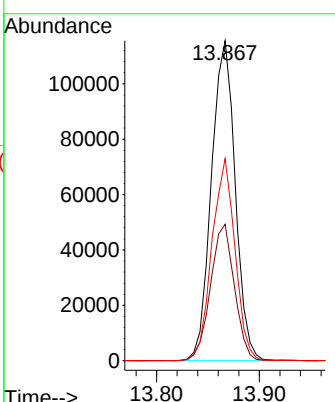
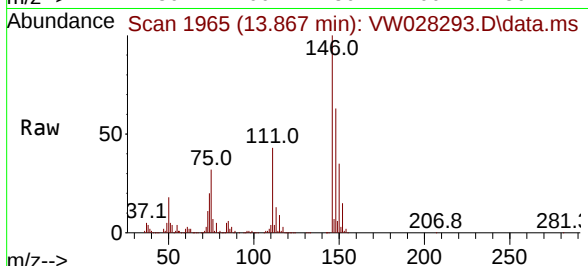




#67
 1,2-Dichlorobenzene
 Concen: 28.386 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VW028293.D
 Acq: 03 Apr 2024 15:10

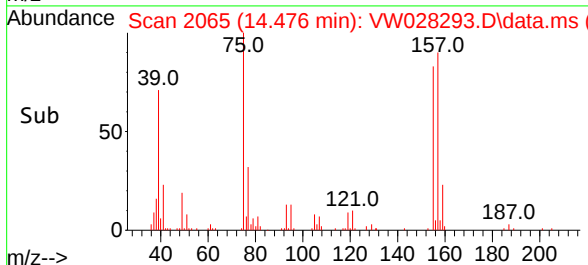
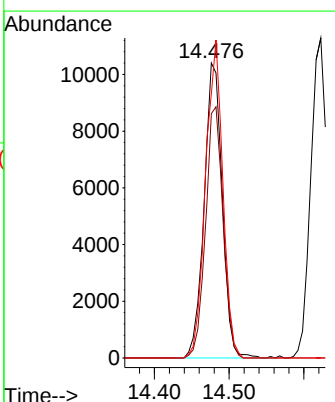
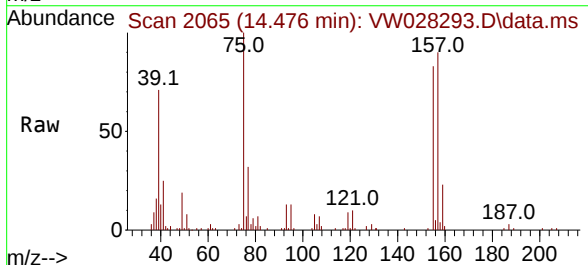
Instrument :
 MSVOA_W
 ClientSampleId :
 E07D6MSD

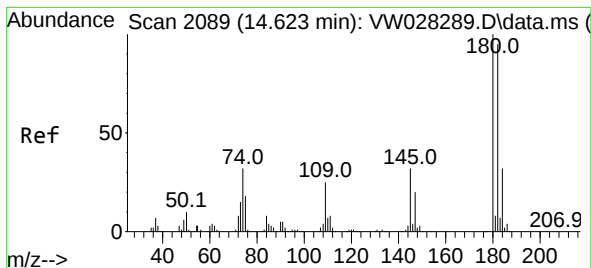
Tgt Ion:	146	Resp:	185783
Ion	Ratio	Lower	Upper
146	100		
111	42.6	34.2	51.2
148	63.2	48.1	72.1



#68
 1,2-Dibromo-3-chloropropane
 Concen: 34.102 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: VW028293.D
 Acq: 03 Apr 2024 15:10

Tgt Ion:	75	Resp:	17530
Ion	Ratio	Lower	Upper
75	100		
155	82.8	61.1	91.7
157	89.6	74.2	111.4





#69

1,3,5-Trichlorobenzene

Concen: 18.483 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

E07D6MSD

Tgt Ion:180 Resp: 97849

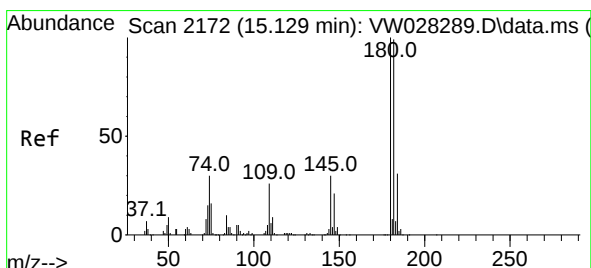
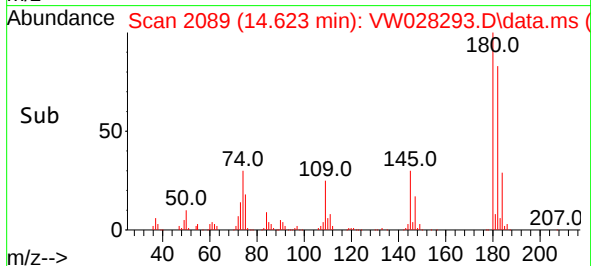
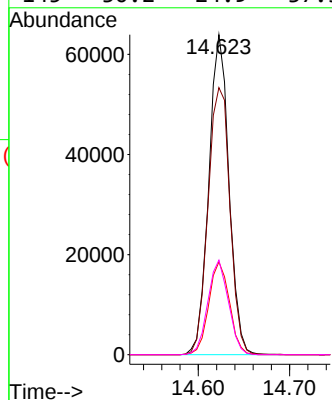
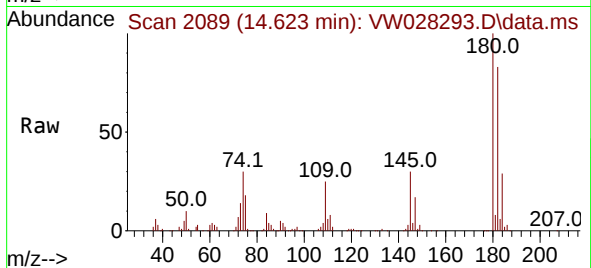
Ion Ratio Lower Upper

180 100

182 90.7 76.6 114.8

184 29.7 23.5 35.3

145 30.2 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 18.234 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

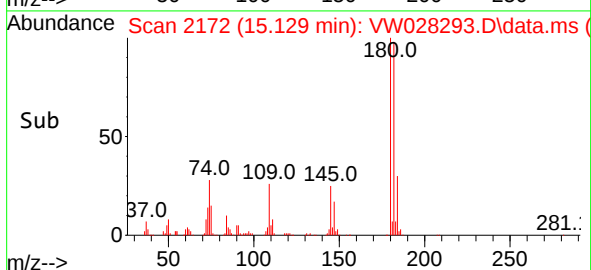
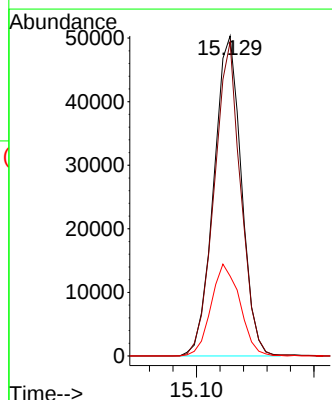
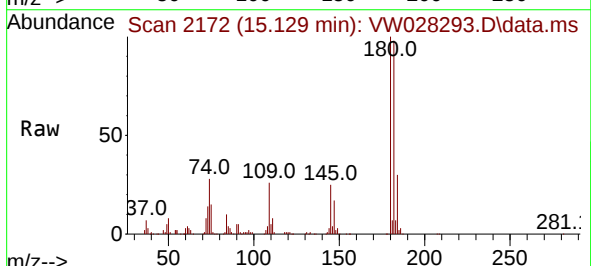
Tgt Ion:180 Resp: 82008

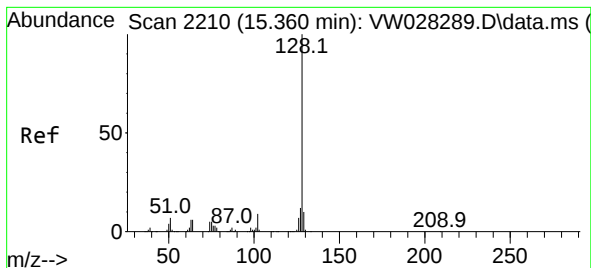
Ion Ratio Lower Upper

180 100

182 94.0 73.8 110.8

145 30.0 25.0 37.6





#71

Naphthalene

Concen: 28.505 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

E07D6MSD

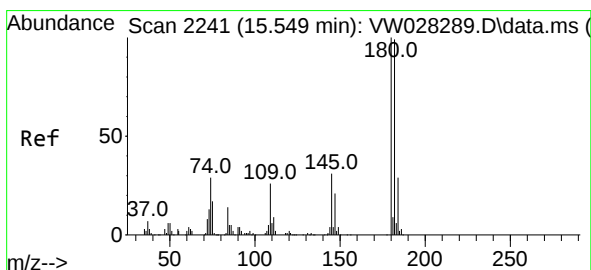
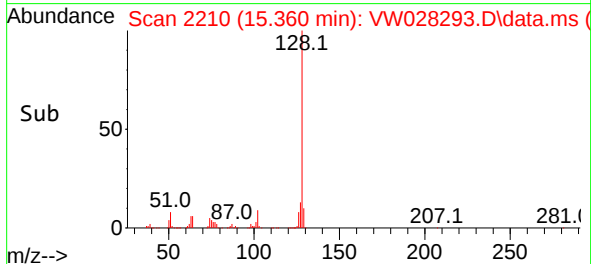
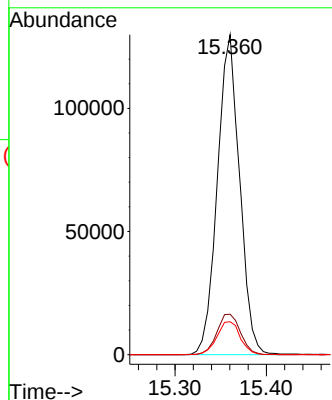
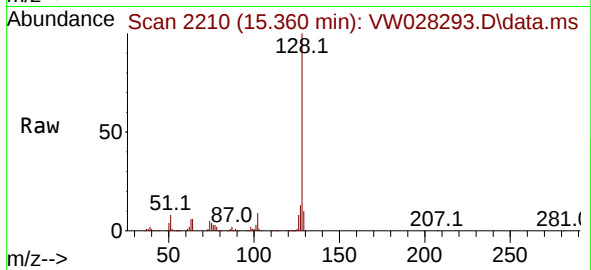
Tgt Ion:128 Resp: 220042

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 18.968 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW028293.D

Acq: 03 Apr 2024 15:10

Tgt Ion:180 Resp: 70326

Ion Ratio Lower Upper

180 100

182 94.4 76.0 114.0

145 33.8 27.1 40.7

