

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022124\
 Data File : VW028045.D
 Acq On : 21 Feb 2024 13:44
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 21 23:31:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 20 00:28:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	275877	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	251839	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	131907	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	64628	20.002	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.000%
7) Chloroethane-d5	2.899	69	59747	24.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.520%
11) 1,1-Dichloroethene-d2	4.021	65	31250	22.603	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.400%
21) 2-Butanone-d5	7.075	46	27564	54.903	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.800%
24) Chloroform-d	7.648	84	164279	25.467	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.880%
26) 1,2-Dichloroethane-d4	8.307	65	73716	25.303	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	8.276	84	322082	23.904	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	9.270	67	85873	23.506	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.040%
41) Toluene-d8	10.325	98	307015	23.814	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.240%
43) trans-1,3-Dichloroprop...	10.574	79	36550	24.328	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.320%
47) 2-Hexanone-d5	10.922	63	25818	51.955	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.920%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	67890	24.863	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	108107	24.113	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	56144	23.633	ug/L	95
3) Chloromethane	2.228	50	52616	20.167	ug/L	93
5) Vinyl chloride	2.375	62	81279	22.984	ug/L	96
6) Bromomethane	2.795	94	60105	24.055	ug/L	100
8) Chloroethane	2.942	64	52094	26.073	ug/L	91
9) Trichlorofluoromethane	3.271	101	83473	25.973	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	82597	25.498	ug/L #	67
12) 1,1-Dichloroethene	4.045	96	76040	25.233	ug/L	94
13) Acetone	4.118	43	30985	63.469	ug/L	98
14) Carbon disulfide	4.387	76	198965	22.302	ug/L	98
15) Methyl Acetate	4.667	43	20963	25.794	ug/L	98
16) Methylene chloride	4.923	84	84075	24.382	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	80261	24.790	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	99805	26.003	ug/L	99
19) 1,1-Dichloroethane	6.222	63	137073	26.061	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	90508	26.473	ug/L	97
22) 2-Butanone	7.167	43	32245	57.219	ug/L	95
23) Bromochloromethane	7.514	128	40429	26.621	ug/L	84
25) Chloroform	7.679	83	154175	27.267	ug/L	99

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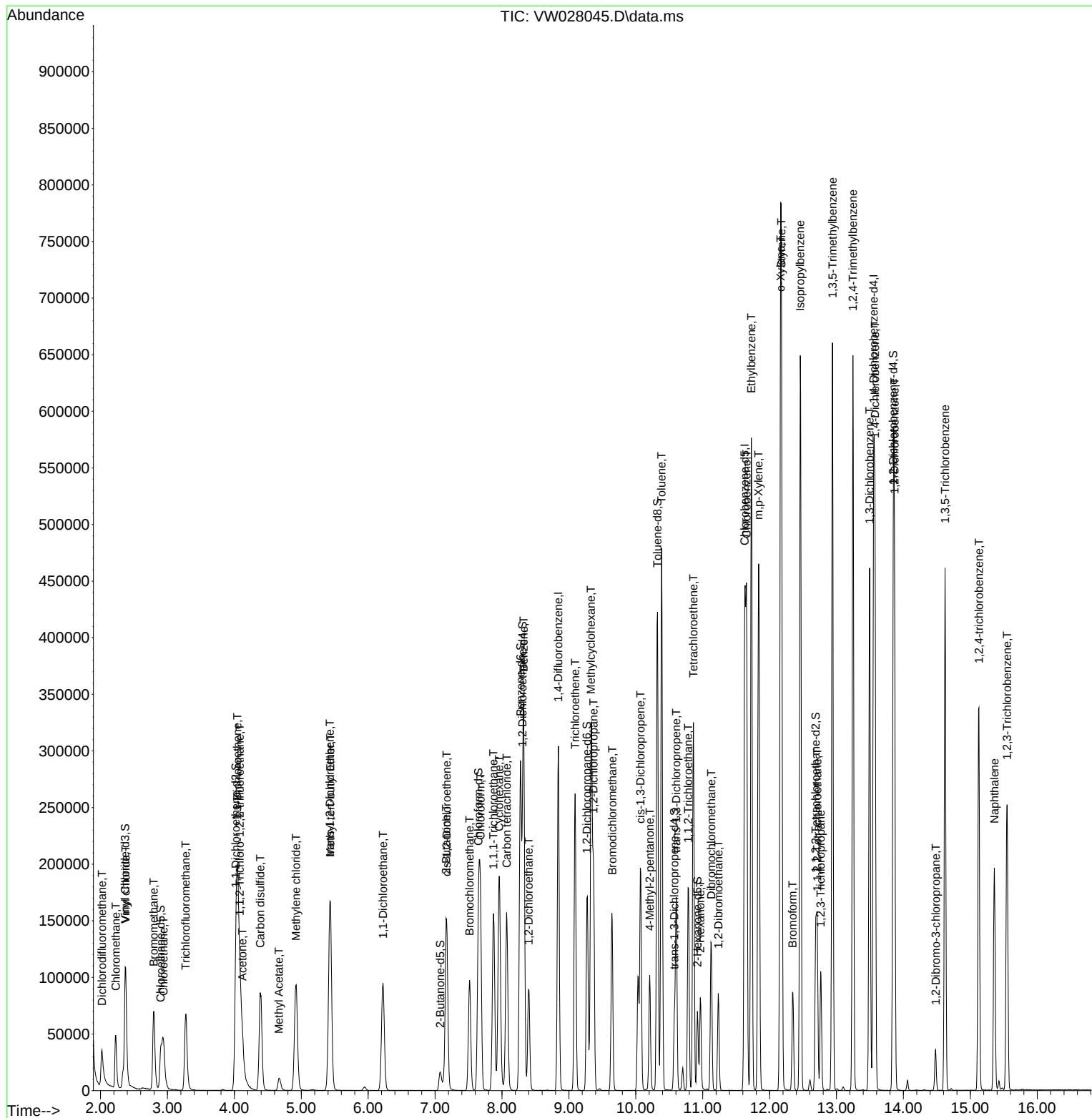
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	86436	27.451	ug/L	97
29) Cyclohexane	7.959	56	108858	24.252	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	132267	27.207	ug/L	98
31) Carbon tetrachloride	8.069	117	124934	27.778	ug/L	98
33) Benzene	8.325	78	321345	25.547	ug/L	100
34) Trichloroethene	9.093	95	91823	25.429	ug/L	93
35) Methylcyclohexane	9.331	83	145305	24.454	ug/L	100
37) 1,2-Dichloropropane	9.367	63	75626	25.586	ug/L	100
38) Bromodichloromethane	9.648	83	108216	27.428	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	126692	26.742	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	58519	52.454	ug/L	99
42) Toluene	10.385	91	366644	25.998	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	102463	27.249	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	59833	25.574	ug/L	99
46) Tetrachloroethene	10.861	164	76907	25.312	ug/L	92
48) 2-Hexanone	10.965	43	45978	54.412	ug/L	98
49) Dibromochloromethane	11.129	129	74805	28.046	ug/L	99
50) 1,2-Dibromoethane	11.233	107	57458	26.311	ug/L	91
51) Chlorobenzene	11.654	112	240213	25.609	ug/L	99
52) Ethylbenzene	11.727	91	419061	26.355	ug/L	99
53) m,p-Xylene	11.836	106	161642	25.921	ug/L	87
54) o-Xylene	12.166	106	154533	26.422	ug/L	95
55) Styrene	12.178	104	263977	27.098	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	64766	25.851	ug/L	99
59) Bromoform	12.342	173	42806	27.494	ug/L	99
60) Isopropylbenzene	12.458	105	444790	27.006	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	45515	25.855	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	360873	27.381	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	356138	27.614	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	196468	25.968	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	191696	24.919	ug/L	88
67) 1,2-Dichlorobenzene	13.867	146	168196	25.169	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.482	75	9294	26.592	ug/L #	91
69) 1,3,5-Trichlorobenzene	14.623	180	144278	26.556	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	116504	26.555	ug/L	98
71) Naphthalene	15.360	128	180855	26.528	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	95879	26.194	ug/L	99

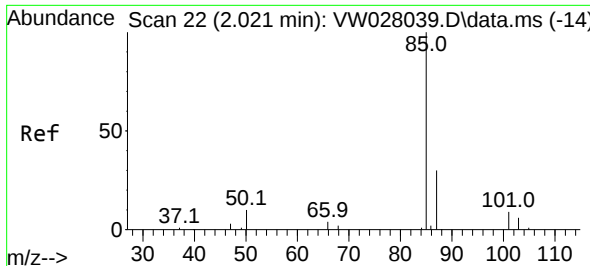
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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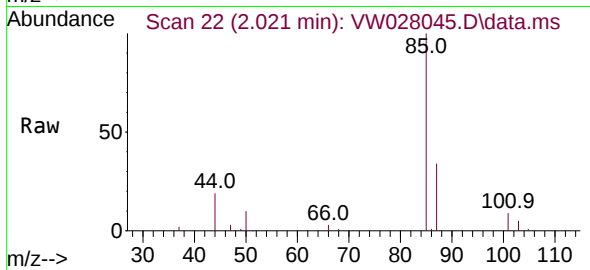
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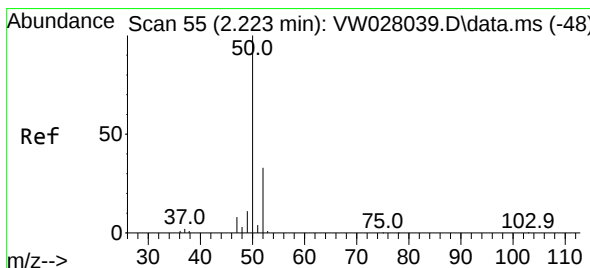
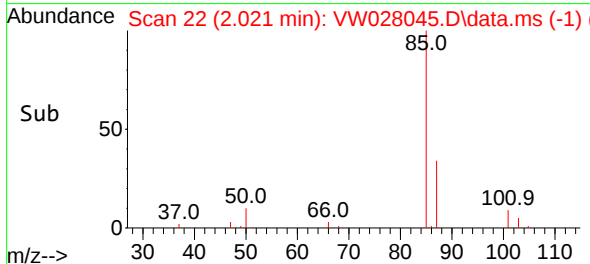
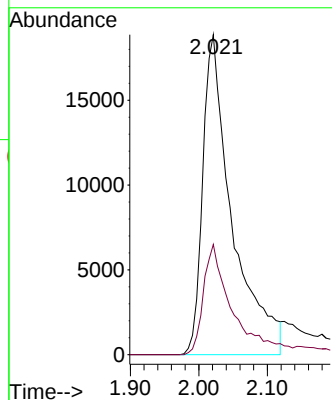


#2
 Dichlorodifluoromethane
 Concen: 23.633 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028045.D
 Acq: 21 Feb 2024 13:44

Instrument :
 MSVOA_W
 ClientSampleId :

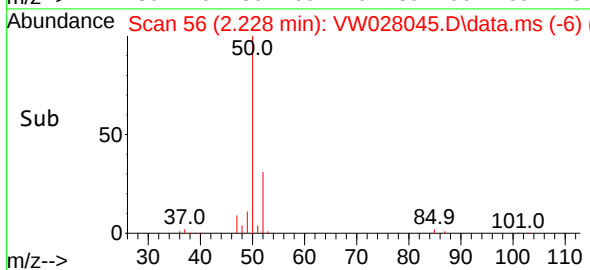
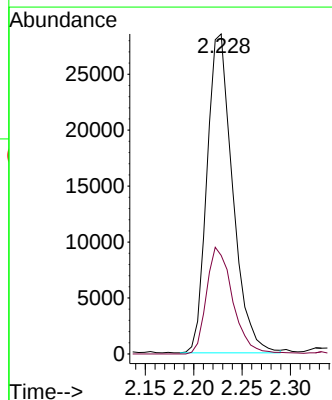
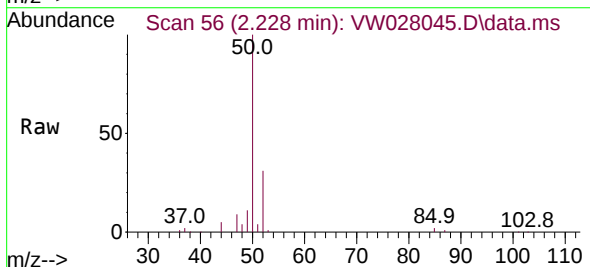


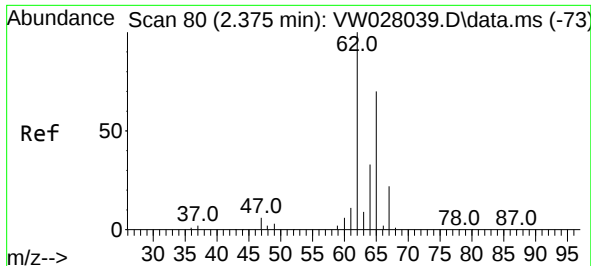
Tgt Ion: 85 Resp: 56144
 Ion Ratio Lower Upper
 85 100
 87 34.1 25.3 37.9



#3
 Chloromethane
 Concen: 20.167 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028045.D
 Acq: 21 Feb 2024 13:44

Tgt Ion: 50 Resp: 52616
 Ion Ratio Lower Upper
 50 100
 52 30.8 24.3 45.1

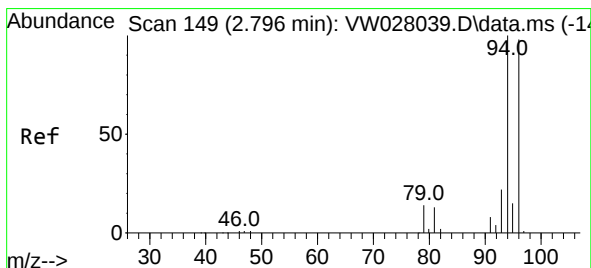
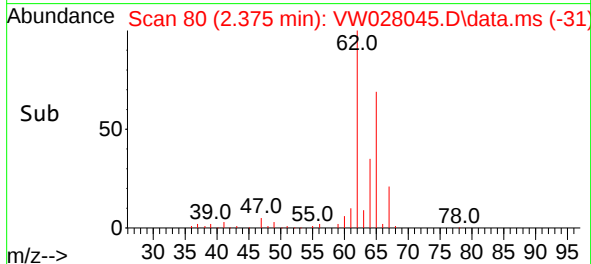
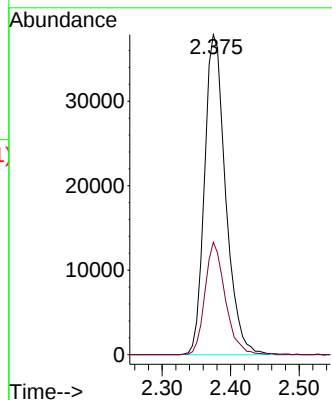
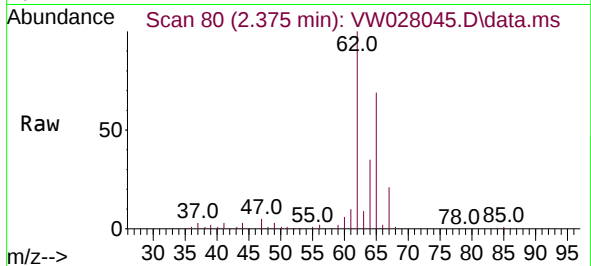




#5
 Vinyl chloride
 Concen: 22.984 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028045.D
 Acq: 21 Feb 2024 13:44

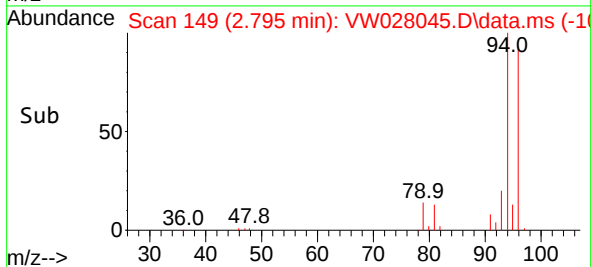
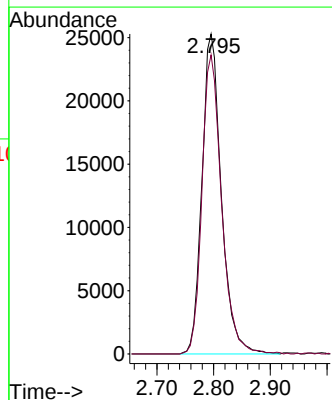
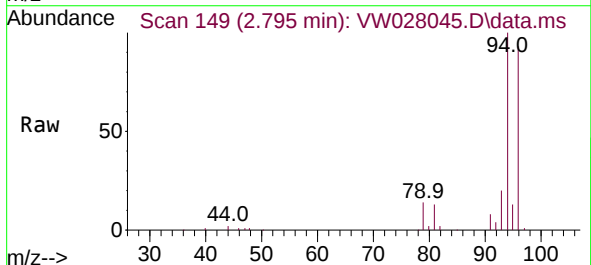
Instrument :
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 ClientSampleId :

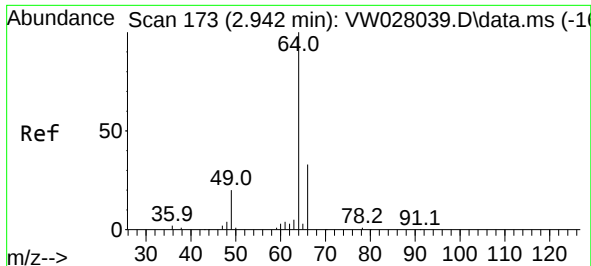
Tgt Ion: 62 Resp: 81279
 Ion Ratio Lower Upper
 62 100
 64 35.1 23.0 42.6



#6
 Bromomethane
 Concen: 24.055 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW028045.D
 Acq: 21 Feb 2024 13:44

Tgt Ion: 94 Resp: 60105
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.3 121.3





#8

Chloroethane

Concen: 26.073 ug/L

RT: 2.942 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

Instrument :

MSVOA_W

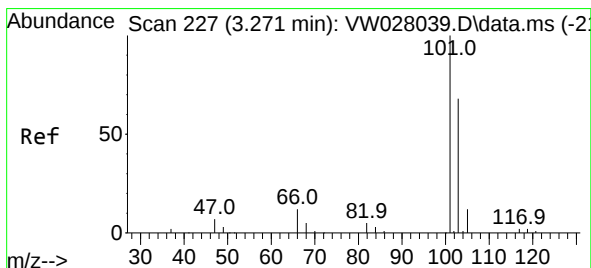
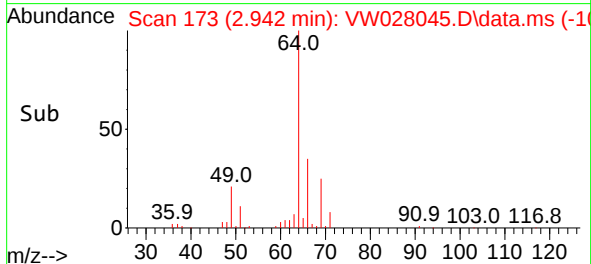
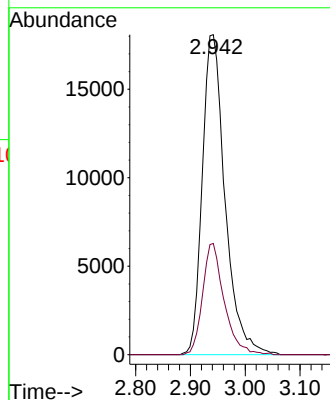
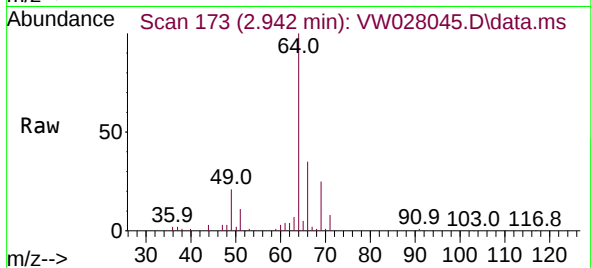
ClientSampleId :

Tgt Ion: 64 Resp: 52094

Ion Ratio Lower Upper

64 100

66 34.8 20.9 38.7



#9

Trichlorofluoromethane

Concen: 25.973 ug/L

RT: 3.271 min Scan# 227

Delta R.T. -0.000 min

Lab File: VW028045.D

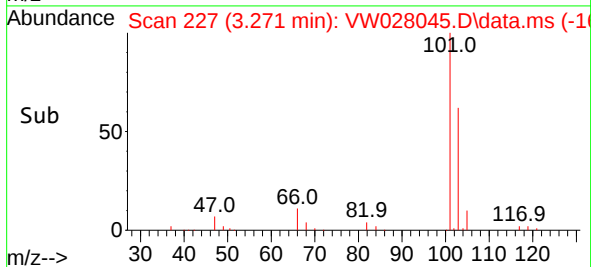
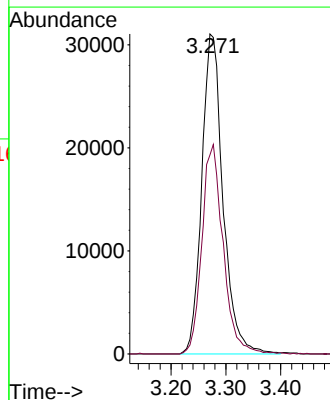
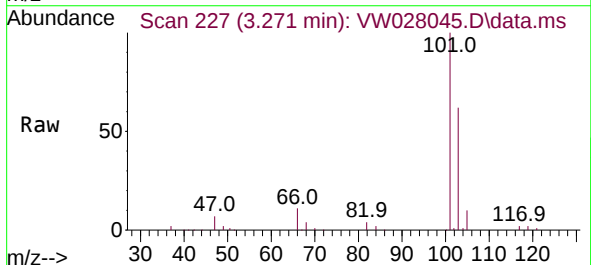
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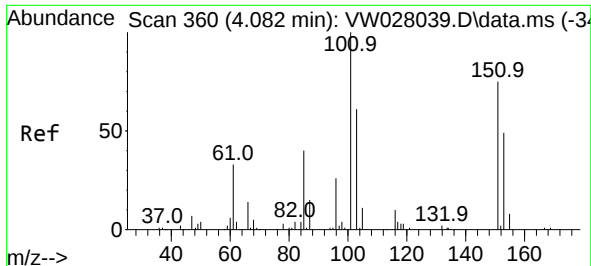
Tgt Ion:101 Resp: 83473

Ion Ratio Lower Upper

101 100

103 65.2 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 25.498 ug/L

RT: 4.082 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

Instrument :

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ClientSampleId :

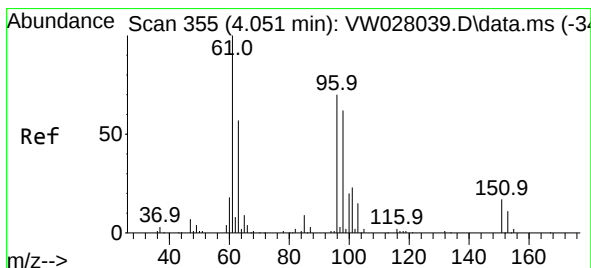
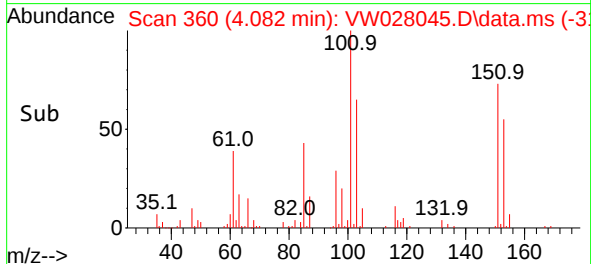
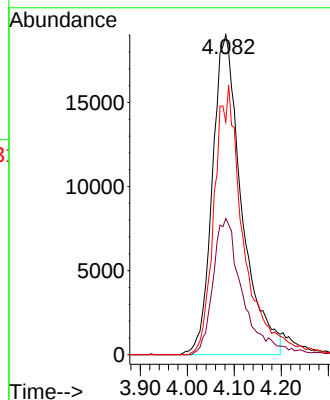
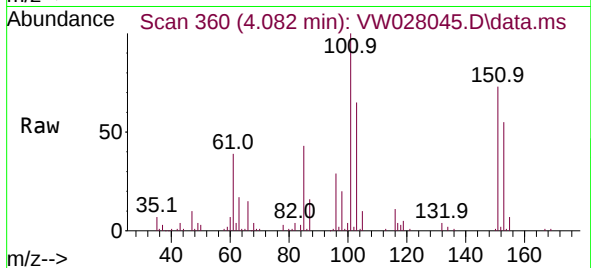
Tgt Ion:101 Resp: 82597

Ion Ratio Lower Upper

101 100

85 40.1 33.8 50.6

151 35.5 62.6 93.8#



#12

1,1-Dichloroethene

Concen: 25.233 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

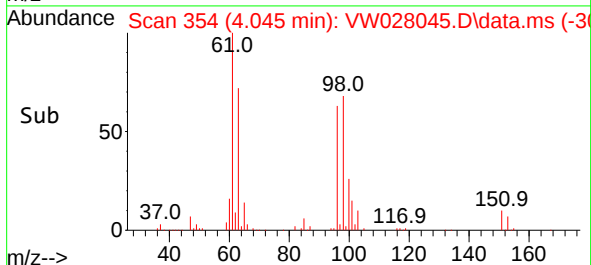
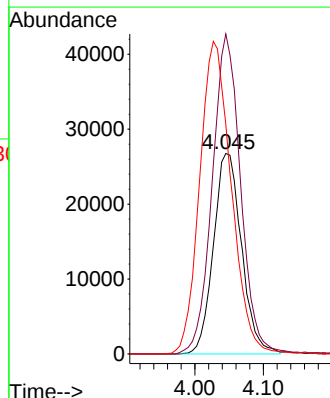
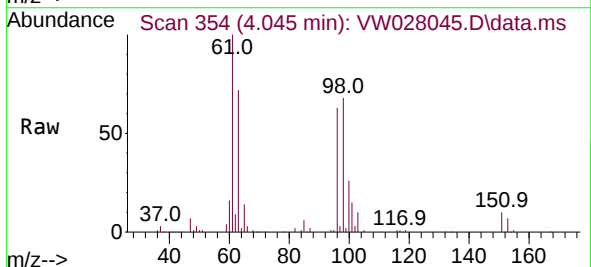
Tgt Ion: 96 Resp: 76040

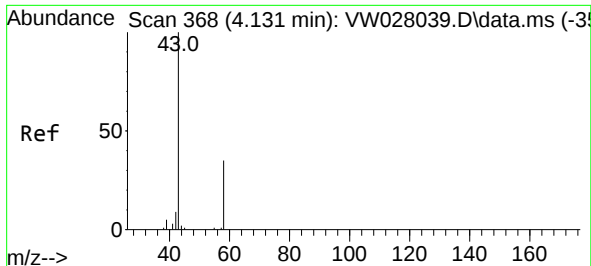
Ion Ratio Lower Upper

96 100

61 159.6 107.4 199.4

63 114.6 86.0 159.6





#13

Acetone

Concen: 63.469 ug/L

RT: 4.118 min Scan# 309

Delta R.T. -0.012 min

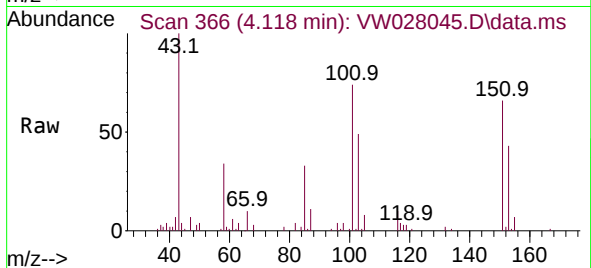
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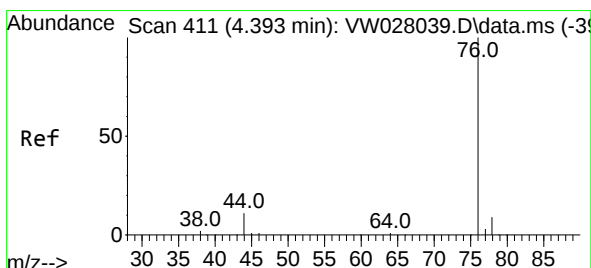
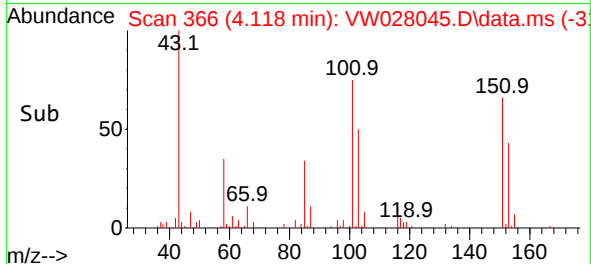
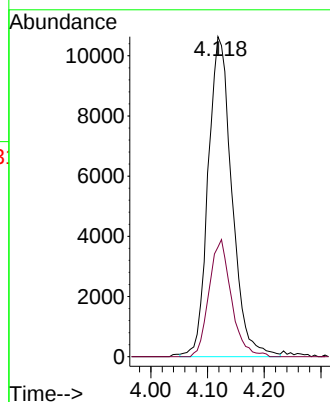


Tgt Ion: 43 Resp: 30985

Ion Ratio Lower Upper

43 100

58 34.0 0.0 66.0



#14

Carbon disulfide

Concen: 22.302 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

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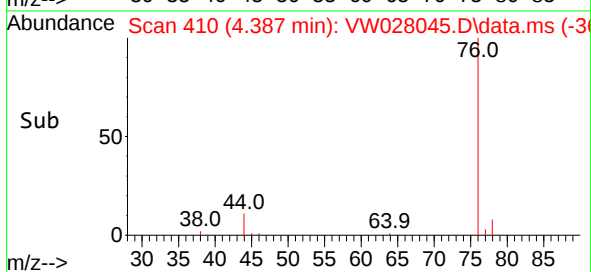
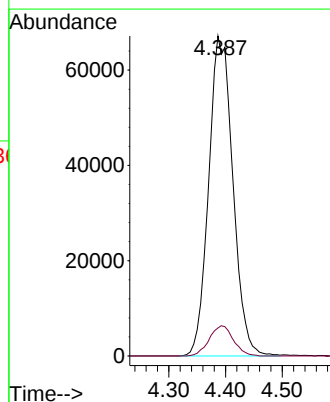
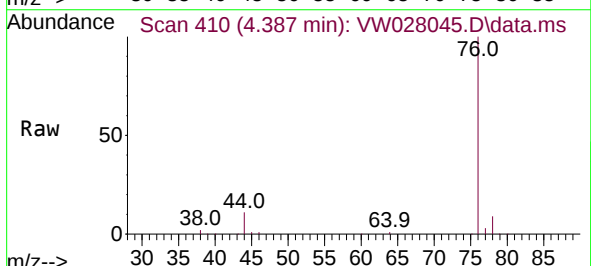
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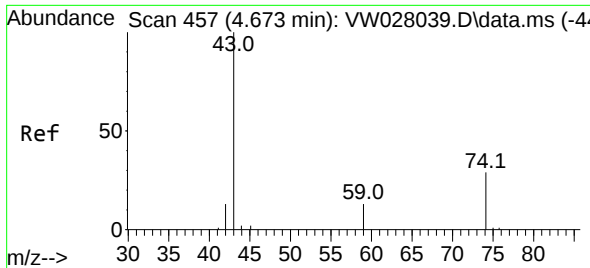
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Ion Ratio Lower Upper

76 100

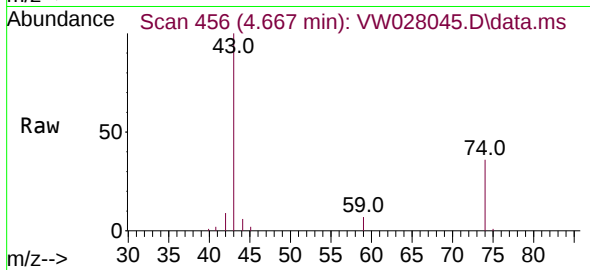
78 8.7 7.5 11.3



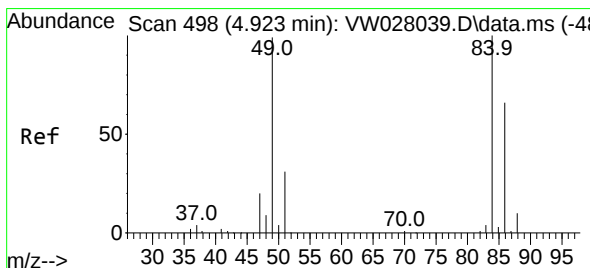
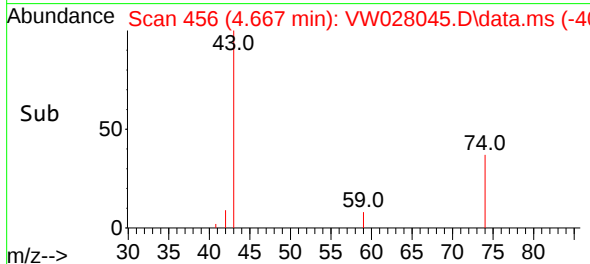
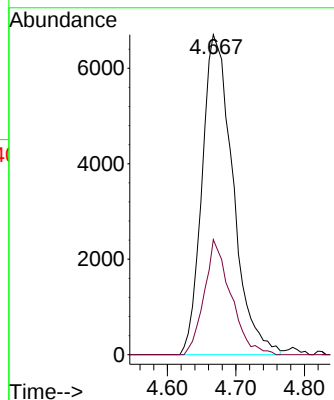


#15
Methyl Acetate
Concen: 25.794 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

Instrument :
MSVOA_W
ClientSampleId :

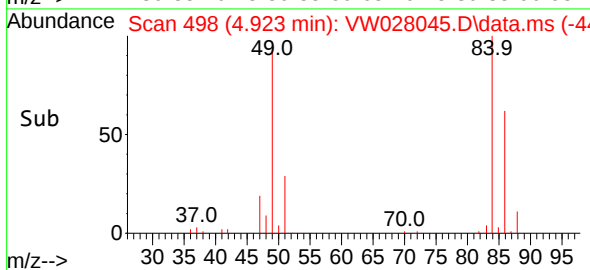
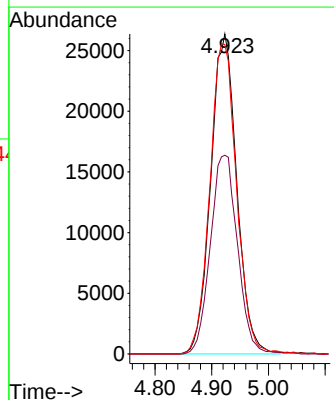
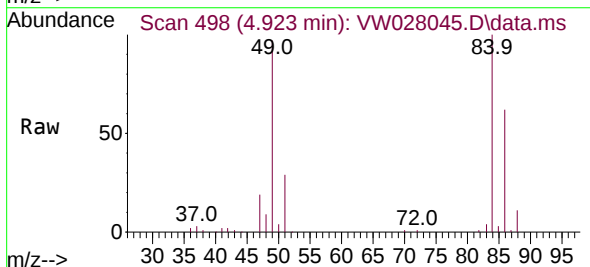


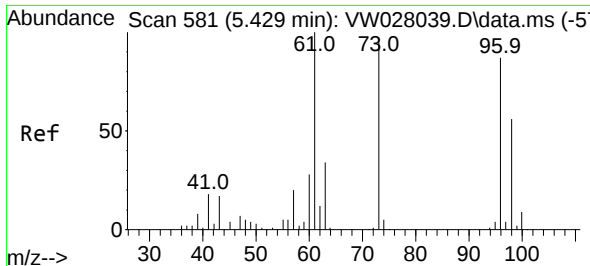
Tgt Ion: 43 Resp: 20963
Ion Ratio Lower Upper
43 100
74 31.1 24.2 36.2



#16
Methylene chloride
Concen: 24.382 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

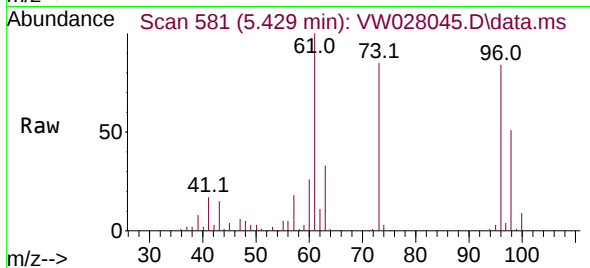
Tgt Ion: 84 Resp: 84075
Ion Ratio Lower Upper
84 100
86 62.1 45.4 84.4
49 96.7 66.3 123.1





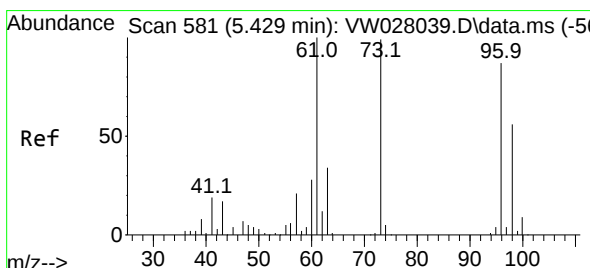
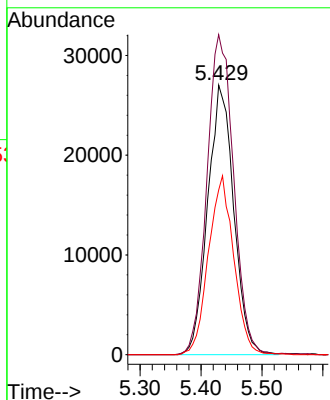
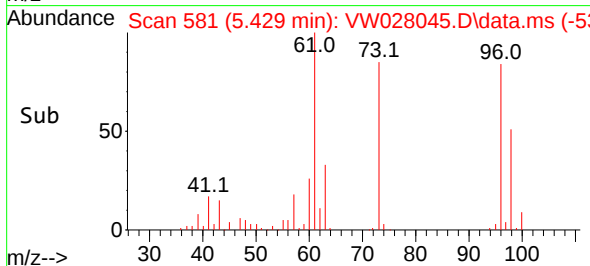
#17
 trans-1,2-Dichloroethene
 Concen: 24.790 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. -0.000 min
 Lab File: VW028045.D
 Acq: 21 Feb 2024 13:44

Instrument :
 MSVOA_W
 ClientSampleId :

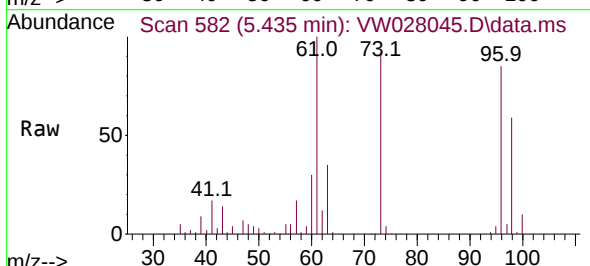


Tgt Ion: 96 Resp: 80261

Ion	Ratio	Lower	Upper
96	100		
61	118.7	80.1	148.7
98	61.1	43.8	81.4

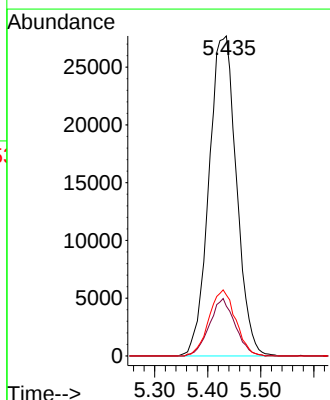
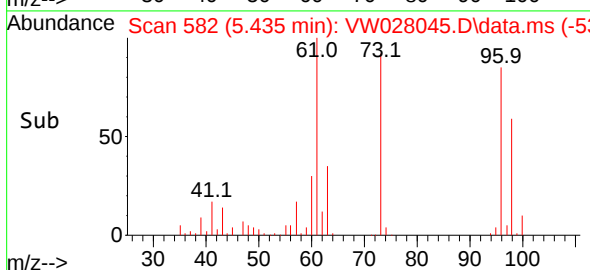


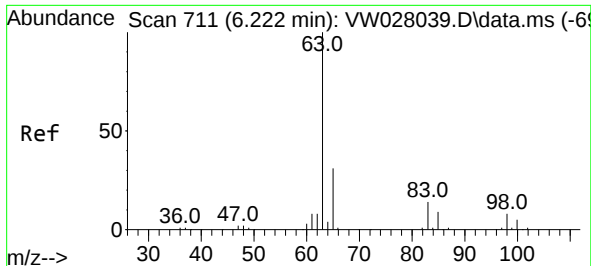
#18
 Methyl tert-butyl Ether
 Concen: 26.003 ug/L
 RT: 5.435 min Scan# 582
 Delta R.T. 0.006 min
 Lab File: VW028045.D
 Acq: 21 Feb 2024 13:44



Tgt Ion: 73 Resp: 99805

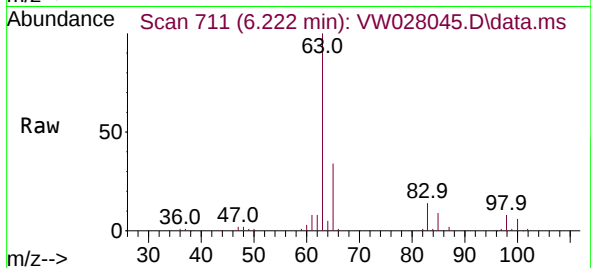
Ion	Ratio	Lower	Upper
73	100		
43	16.7	13.4	20.0
57	20.0	16.3	24.5



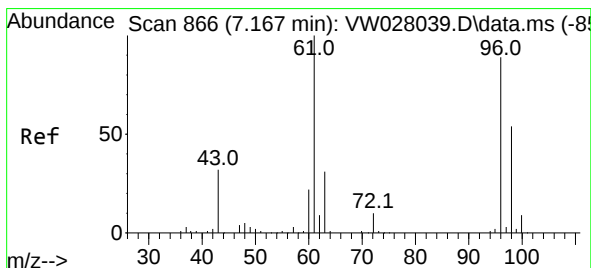
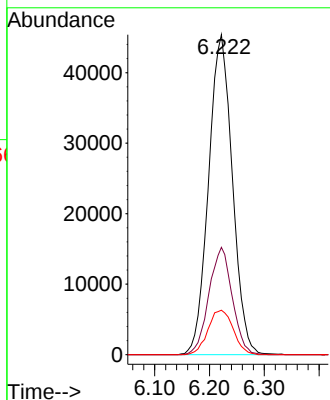
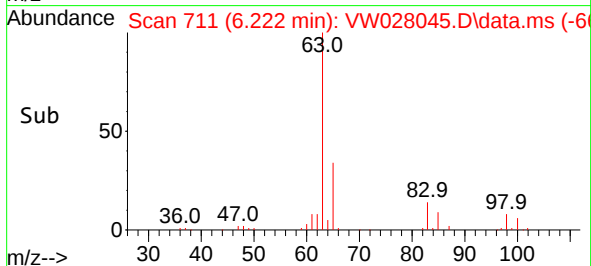


#19
1,1-Dichloroethane
Concen: 26.061 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

Instrument :
MSVOA_W
ClientSampleId :

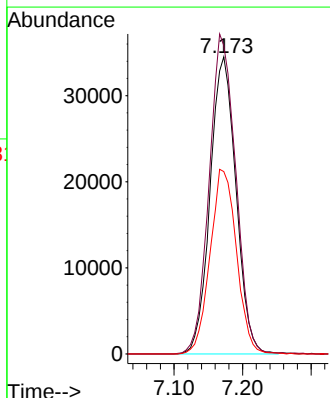
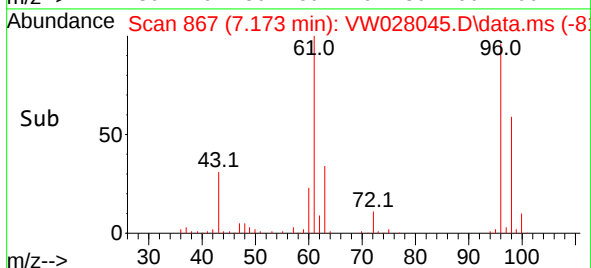
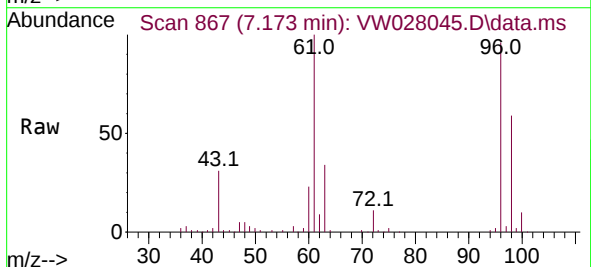


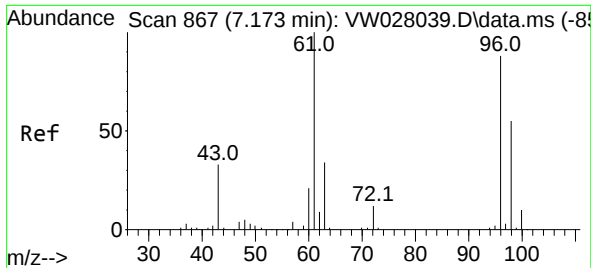
Tgt Ion: 63 Resp: 137073
Ion Ratio Lower Upper
63 100
65 33.5 23.1 42.9
83 13.9 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 26.473 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

Tgt Ion: 96 Resp: 90508
Ion Ratio Lower Upper
96 100
61 103.7 76.3 141.7
98 61.4 42.9 79.7

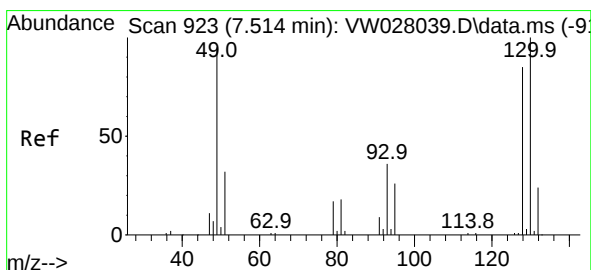
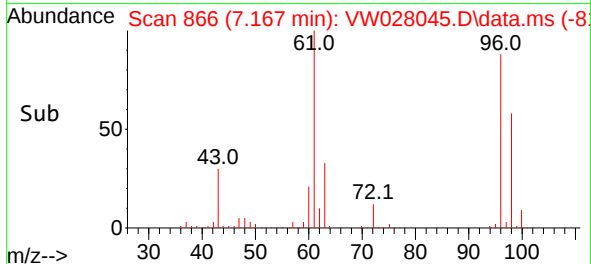
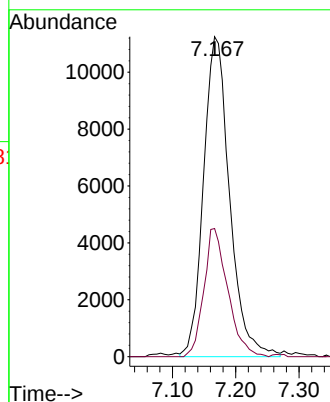
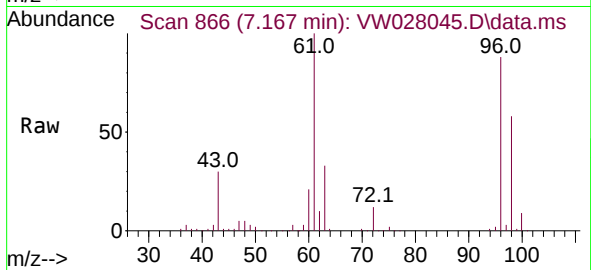




#22
2-Butanone
Concen: 57.219 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

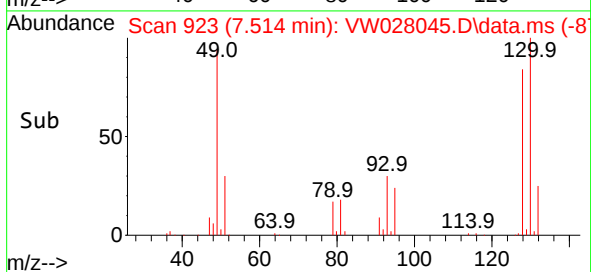
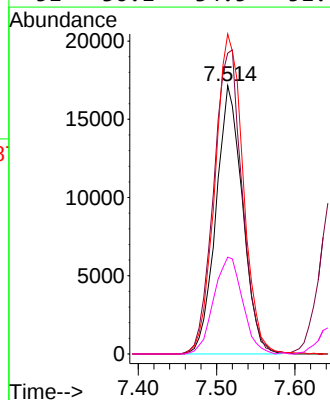
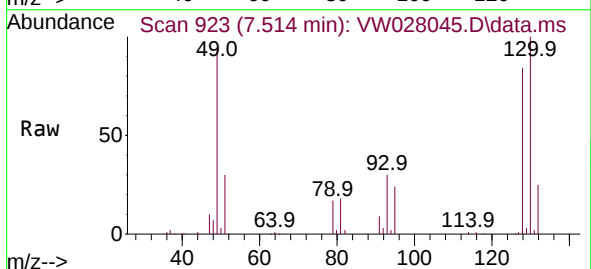
Instrument :
MSVOA_W
ClientSampleId :

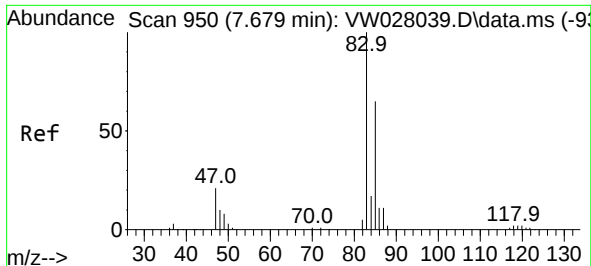
Tgt Ion: 43 Resp: 32245
Ion Ratio Lower Upper
43 100
72 36.6 17.0 50.9



#23
Bromochloromethane
Concen: 26.621 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

Tgt Ion:128 Resp: 40429
Ion Ratio Lower Upper
128 100
49 112.1 93.2 173.2
130 119.3 97.4 180.8
51 36.1 34.5 51.7

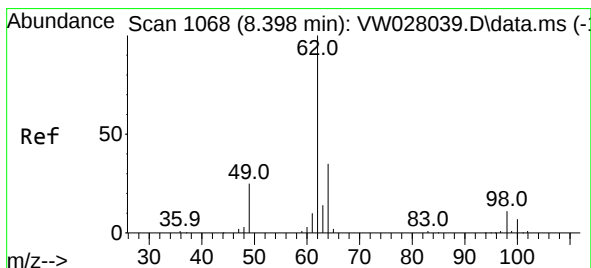
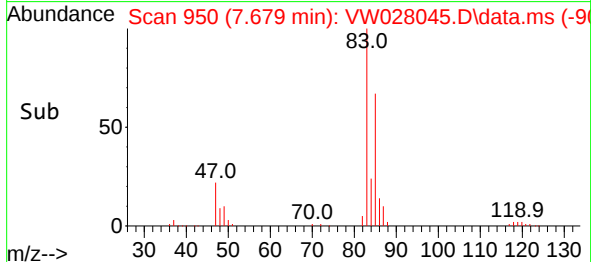
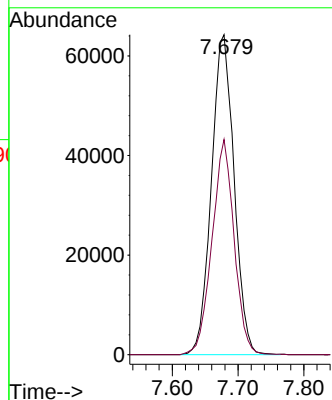
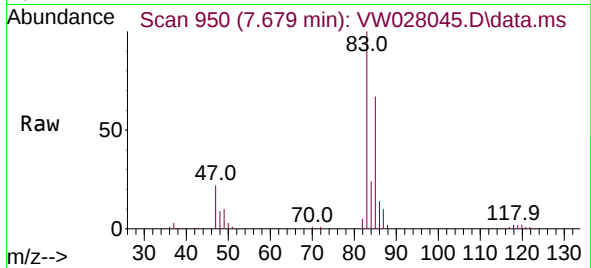




#25
Chloroform
Concen: 27.267 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

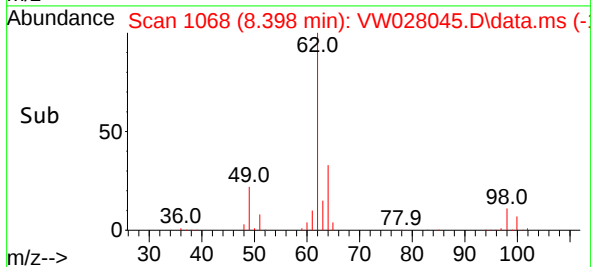
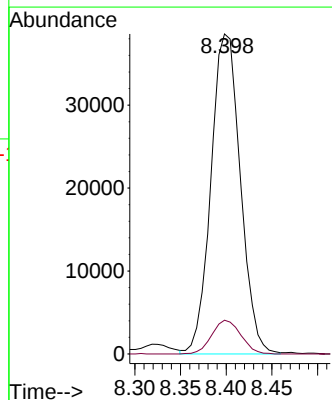
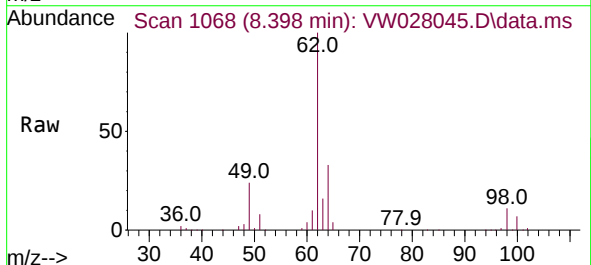
Instrument :
MSVOA_W
ClientSampleId :

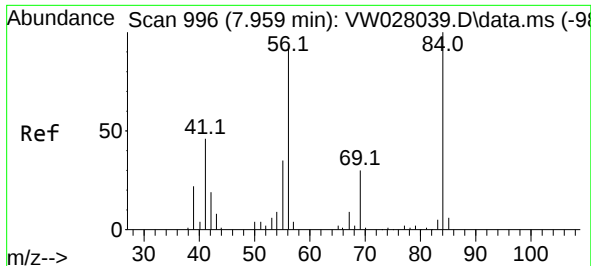
Tgt Ion: 83 Resp: 154175
Ion Ratio Lower Upper
83 100
85 67.2 46.6 86.6



#27
1,2-Dichloroethane
Concen: 27.451 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

Tgt Ion: 62 Resp: 86436
Ion Ratio Lower Upper
62 100
98 10.5 9.4 14.2





#29

Cyclohexane

Concen: 24.252 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

Instrument :

MSVOA_W

ClientSampleId :

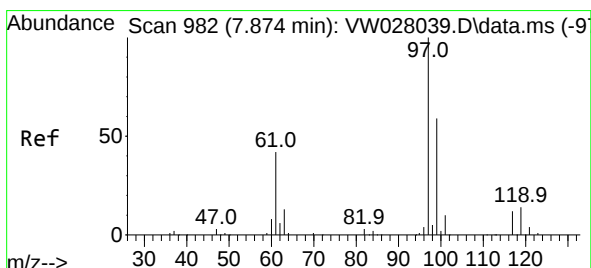
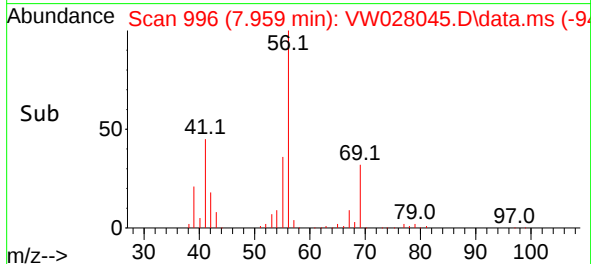
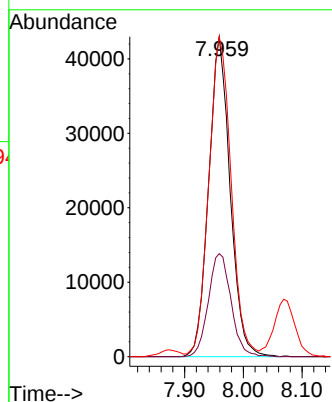
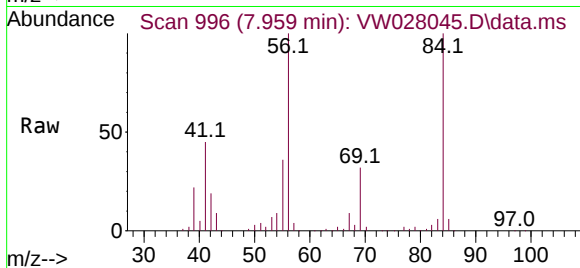
Tgt Ion: 56 Resp: 108858

Ion Ratio Lower Upper

56 100

69 33.9 26.3 39.5

84 104.4 81.6 122.4



#30

1,1,1-Trichloroethane

Concen: 27.207 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

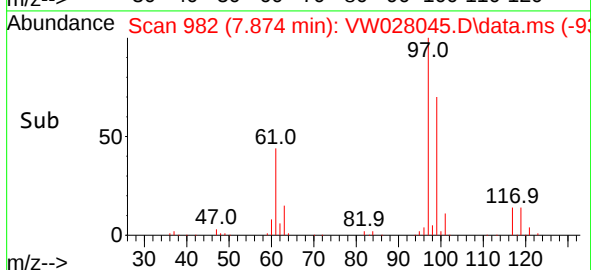
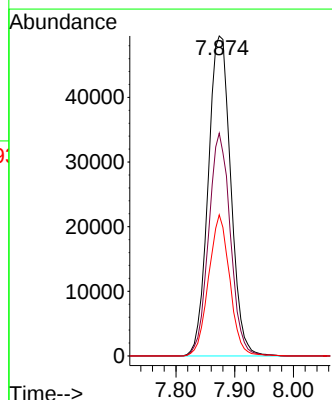
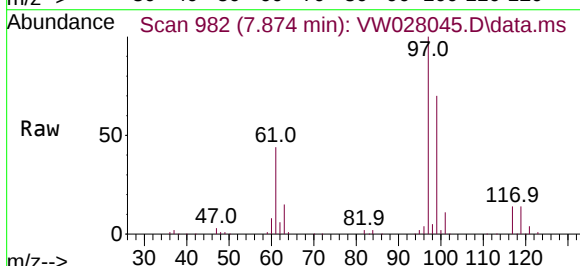
Tgt Ion: 97 Resp: 132267

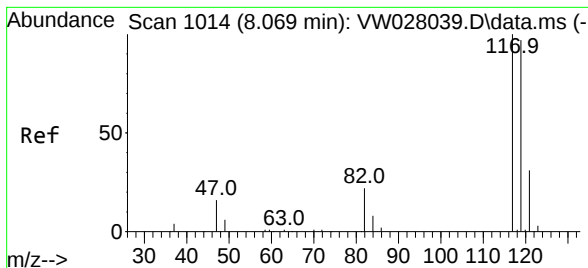
Ion Ratio Lower Upper

97 100

99 67.1 51.4 77.0

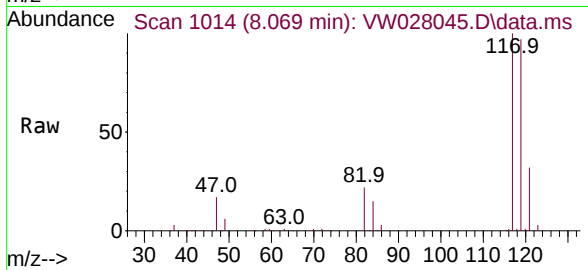
61 41.3 32.9 49.3



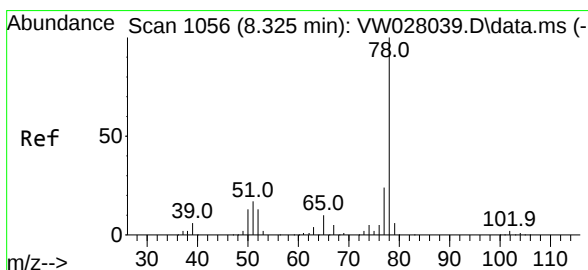
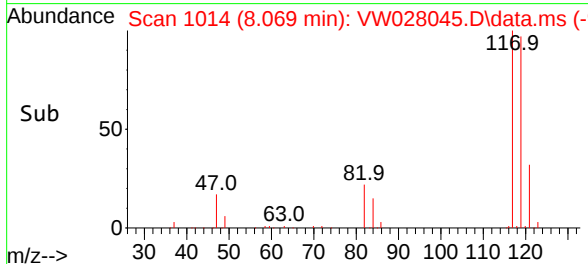
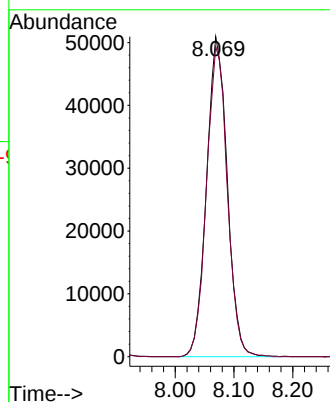


#31
Carbon tetrachloride
Concen: 27.778 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

Instrument :
MSVOA_W
ClientSampleId :

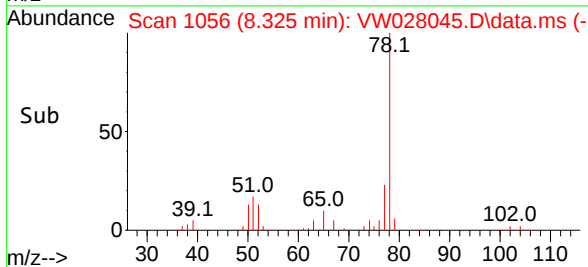
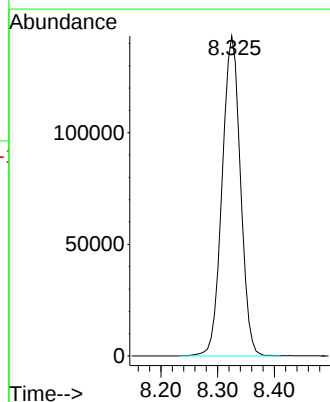
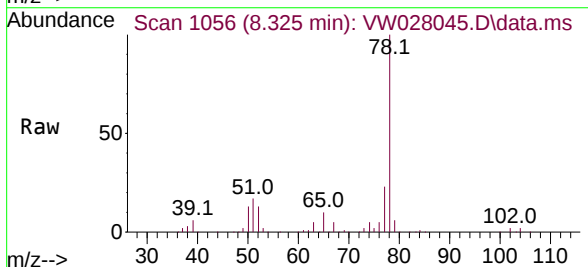


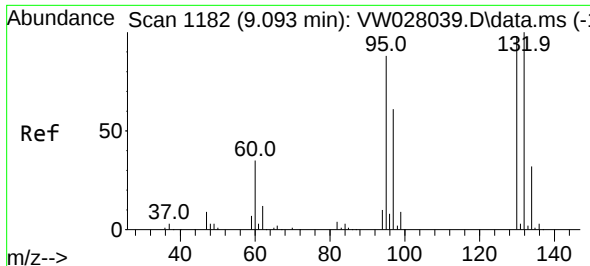
Tgt Ion:117 Resp: 124934
Ion Ratio Lower Upper
117 100
119 97.2 76.5 114.7



#33
Benzene
Concen: 25.547 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

Tgt Ion: 78 Resp: 321345





#34

Trichloroethene

Concen: 25.429 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 91823

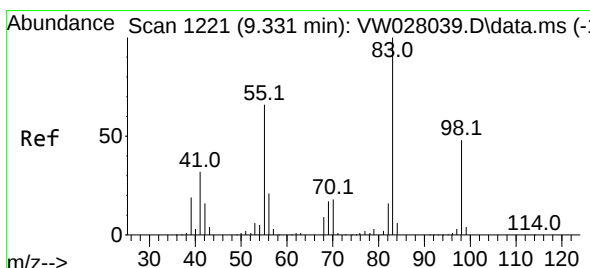
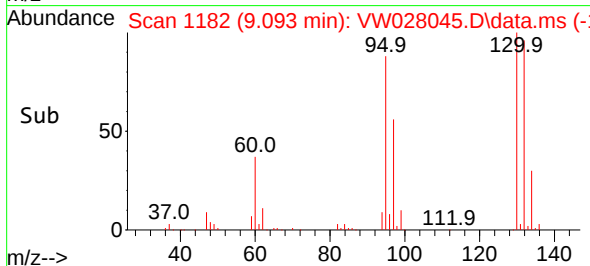
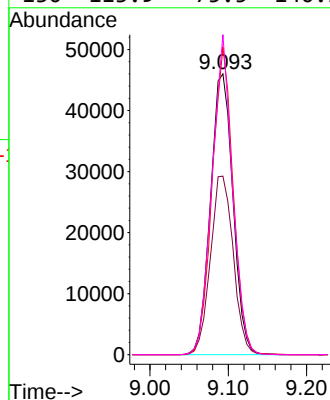
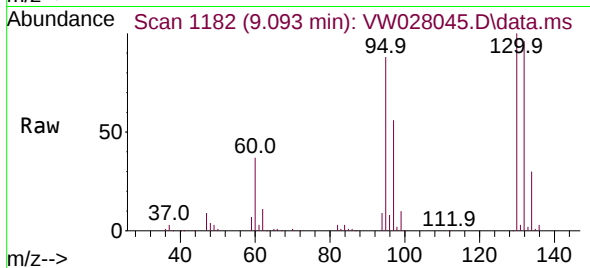
Ion Ratio Lower Upper

95 100

97 63.6 44.3 82.3

132 109.4 68.0 126.2

130 113.9 75.5 140.3



#35

Methylcyclohexane

Concen: 24.454 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

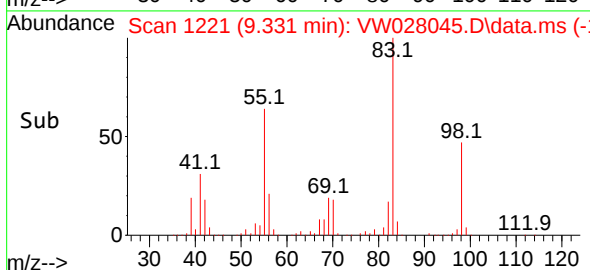
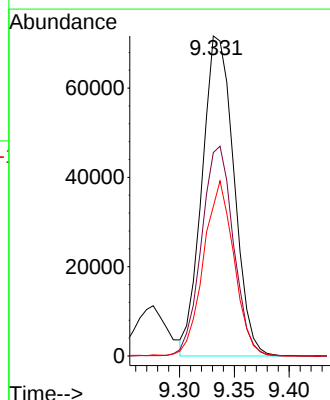
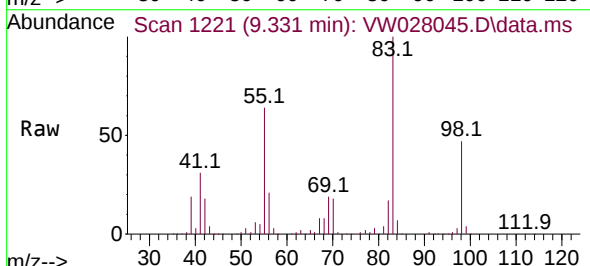
Tgt Ion: 83 Resp: 145305

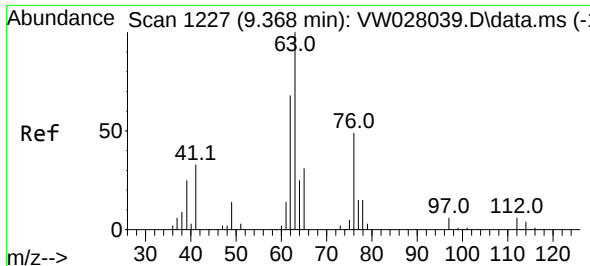
Ion Ratio Lower Upper

83 100

55 65.5 52.3 78.5

98 52.2 41.9 62.9





#37

1,2-Dichloropropane

Concen: 25.586 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

Instrument :

MSVOA_W

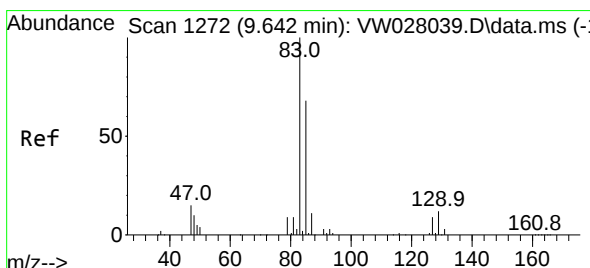
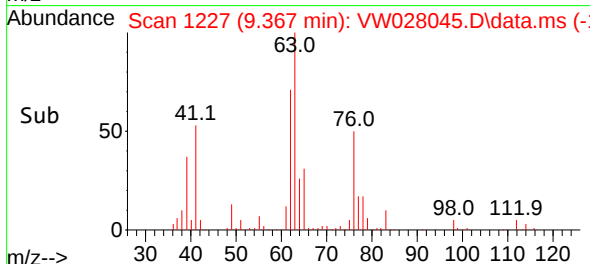
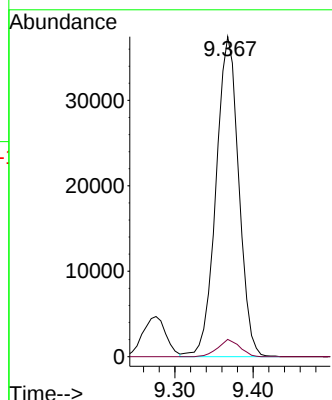
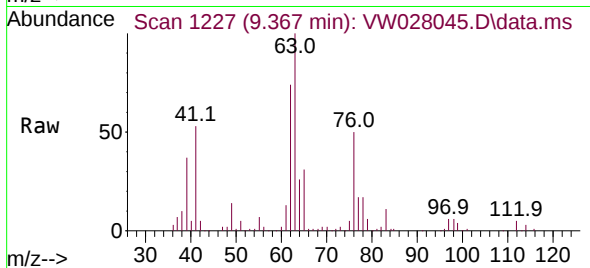
ClientSampleId :

Tgt Ion: 63 Resp: 75626

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.2



#38

Bromodichloromethane

Concen: 27.428 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

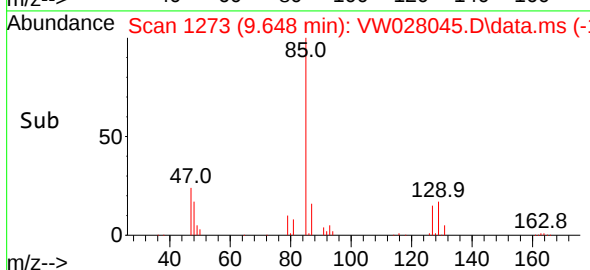
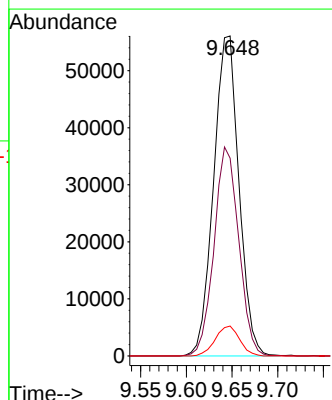
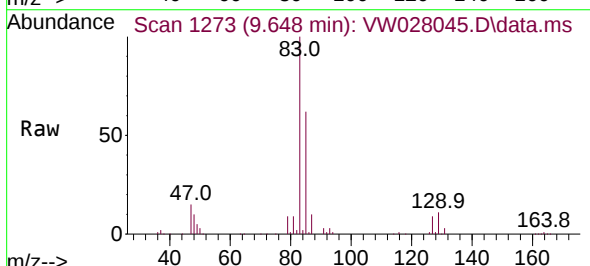
Tgt Ion: 83 Resp: 108216

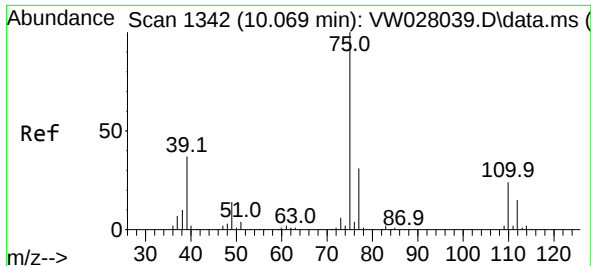
Ion Ratio Lower Upper

83 100

85 61.8 44.7 83.1

127 9.4 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 26.742 ug/L

RT: 10.068 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

Instrument :

MSVOA_W

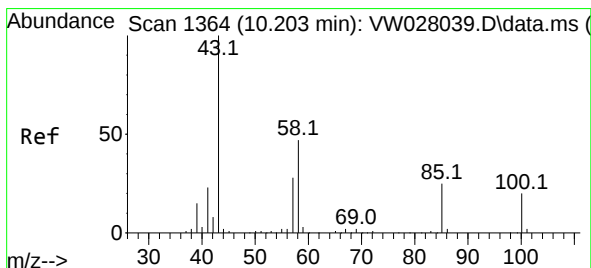
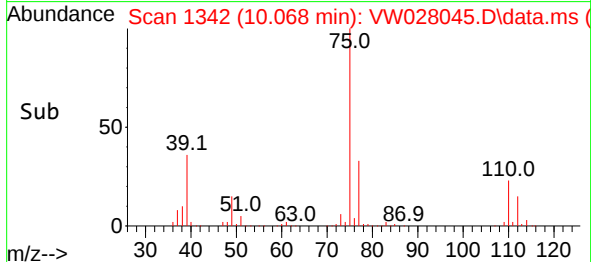
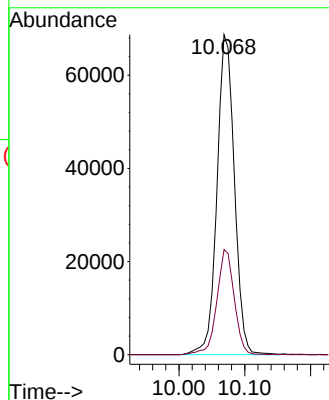
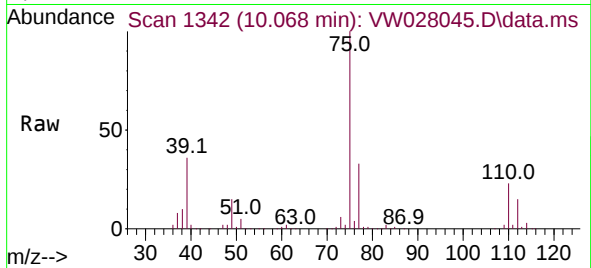
ClientSampleId :

Tgt Ion: 75 Resp: 126692

Ion Ratio Lower Upper

75 100

77 32.8 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 52.454 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

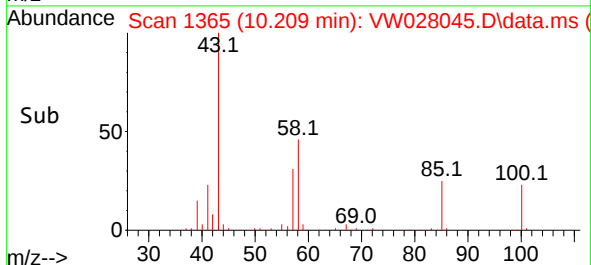
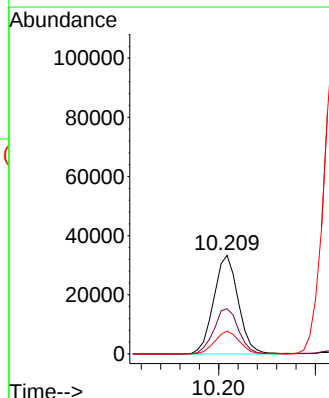
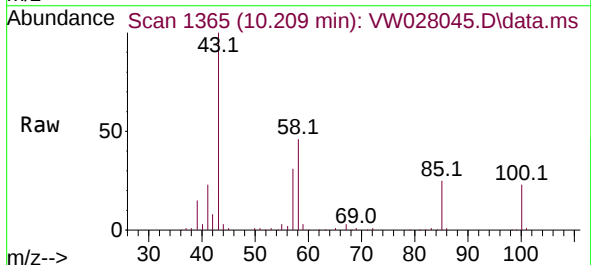
Tgt Ion: 43 Resp: 58519

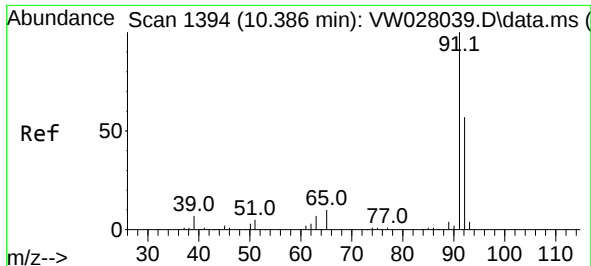
Ion Ratio Lower Upper

43 100

58 46.5 36.7 55.1

100 23.3 18.4 27.6

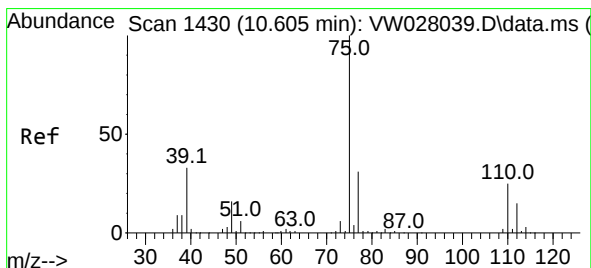
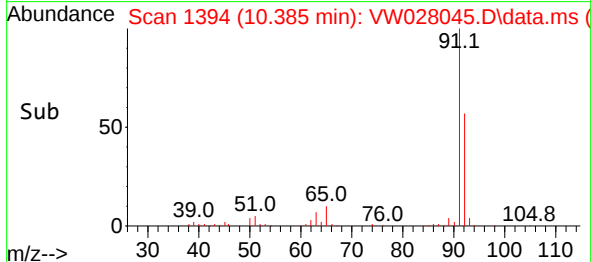
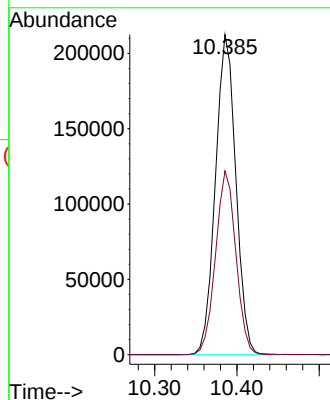
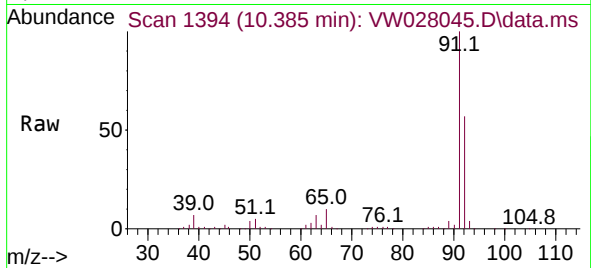




#42
Toluene
Concen: 25.998 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

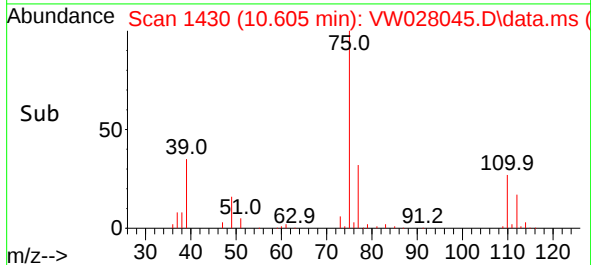
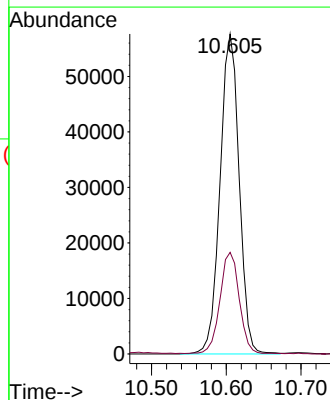
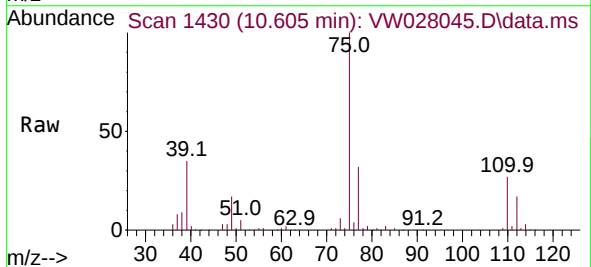
Instrument :
MSVOA_W
ClientSampleId :

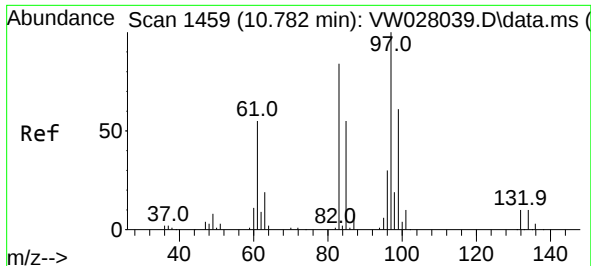
Tgt Ion: 91 Resp: 366644
Ion Ratio Lower Upper
91 100
92 57.4 38.8 72.0



#44
trans-1,3-Dichloropropene
Concen: 27.249 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

Tgt Ion: 75 Resp: 102463
Ion Ratio Lower Upper
75 100
77 31.7 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 25.574 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

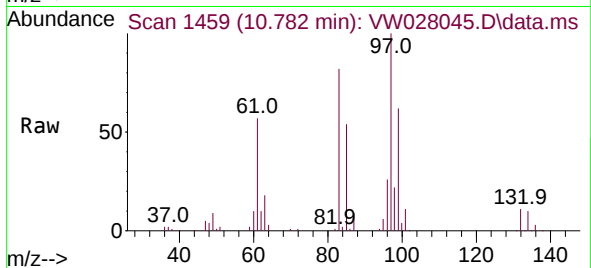
Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 59833

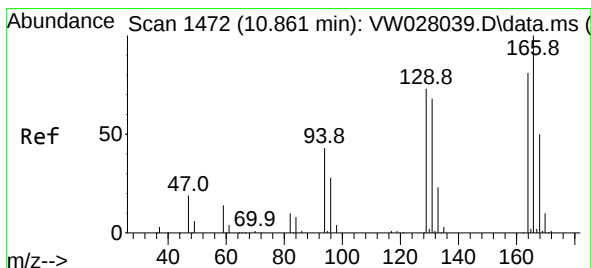
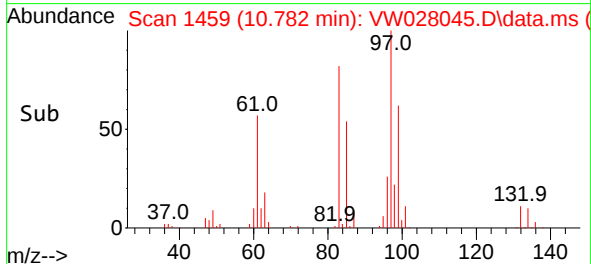
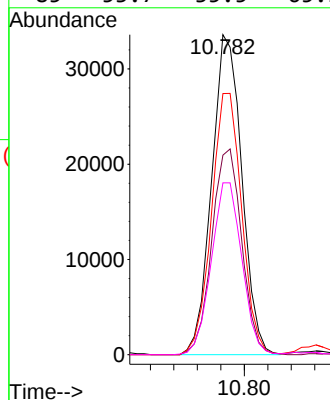
Ion Ratio Lower Upper

97 100

99 62.4 43.3 80.5

83 81.6 57.2 106.2

85 53.7 35.5 65.9



#46

Tetrachloroethene

Concen: 25.312 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

Tgt Ion:164 Resp: 76907

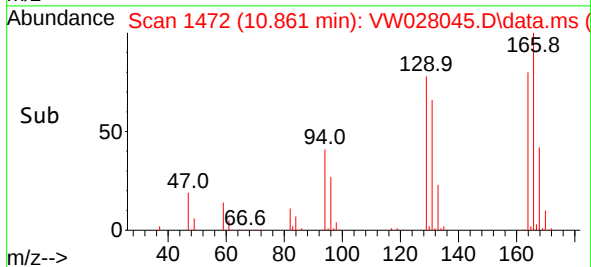
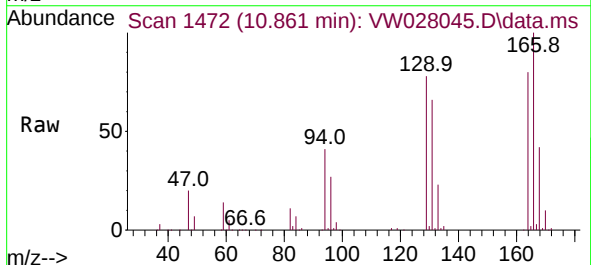
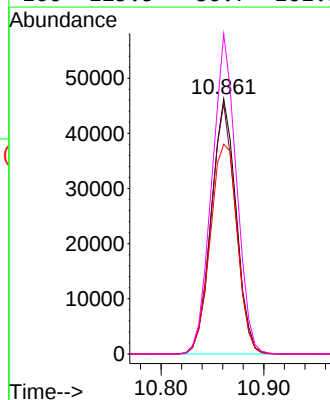
Ion Ratio Lower Upper

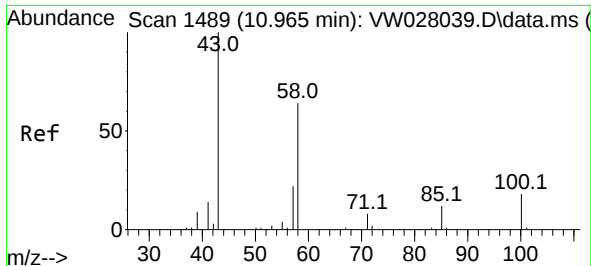
164 100

129 98.1 59.4 110.2

131 82.3 65.0 120.6

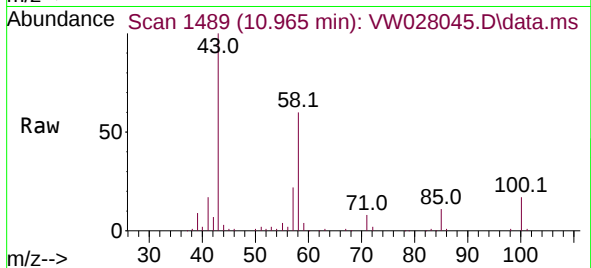
166 125.5 86.7 161.1



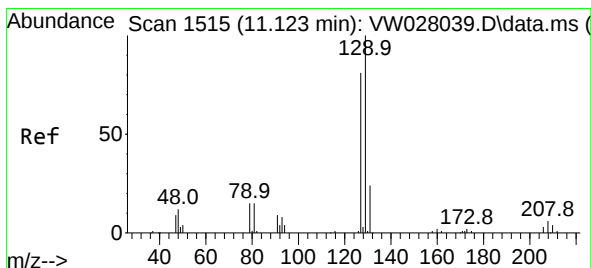
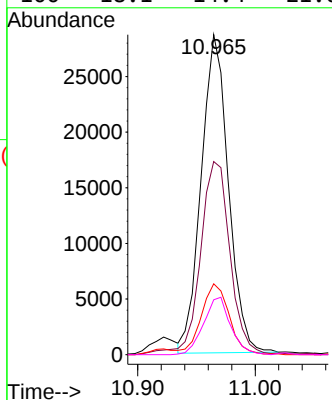
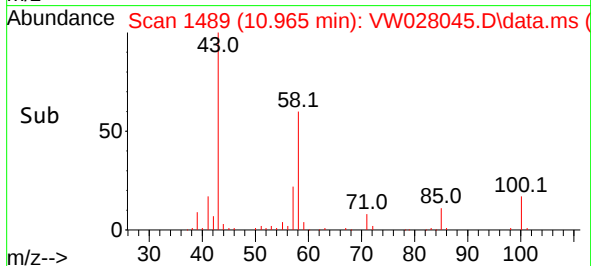


#48
2-Hexanone
Concen: 54.412 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

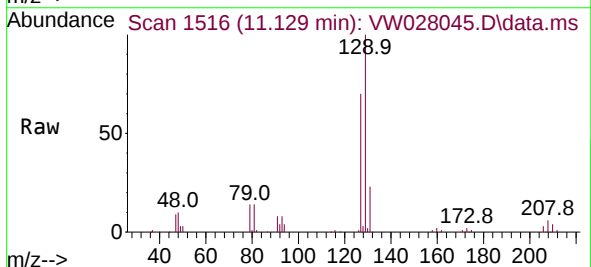
Instrument :
MSVOA_W
ClientSampleId :



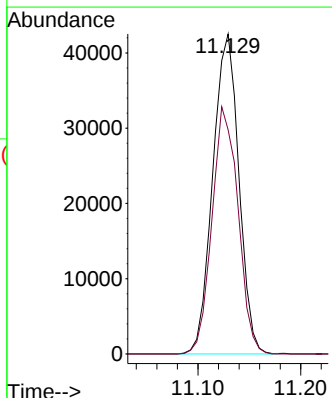
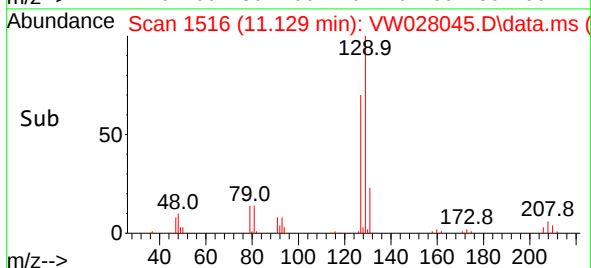
Tgt Ion:	43	Resp:	45978
Ion	Ratio	Lower	Upper
43	100		
58	66.4	51.4	77.2
57	22.9	17.4	26.2
100	18.1	14.4	21.6

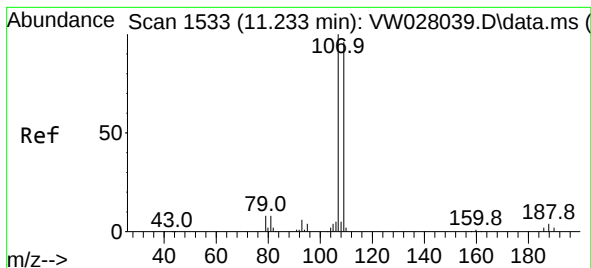


#49
Dibromochloromethane
Concen: 28.046 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44



Tgt Ion:	129	Resp:	74805
Ion	Ratio	Lower	Upper
129	100		
127	70.0	49.6	92.0





#50

1,2-Dibromoethane

Concen: 26.311 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028045.D

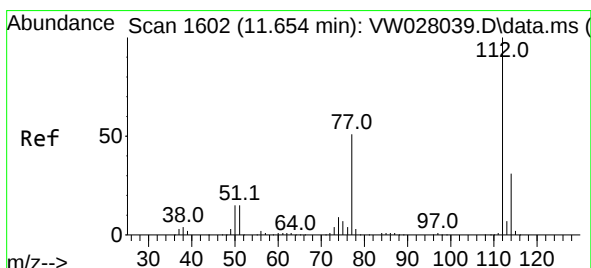
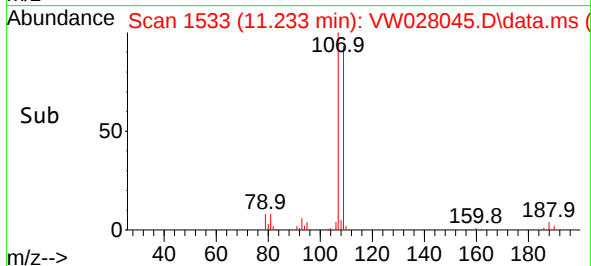
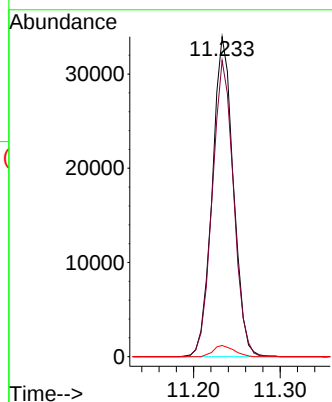
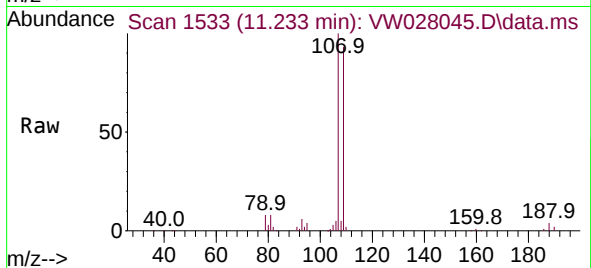
Acq: 21 Feb 2024 13:44

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	57458
Ion	Ratio	Lower	Upper
107	100		
109	92.5	71.2	132.2
188	3.5	3.1	4.7



#51

Chlorobenzene

Concen: 25.609 ug/L

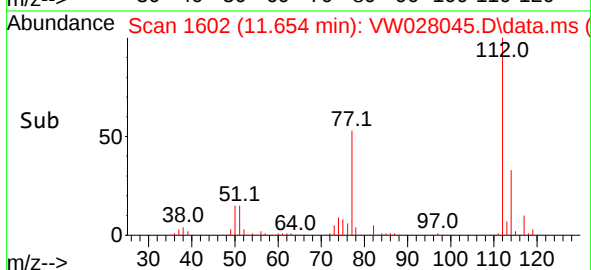
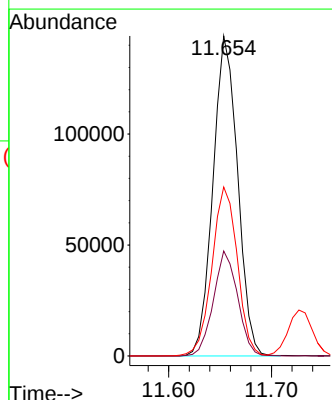
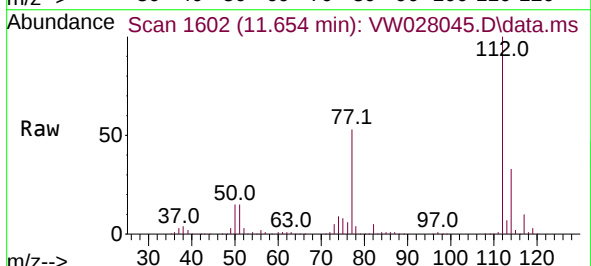
RT: 11.654 min Scan# 1602

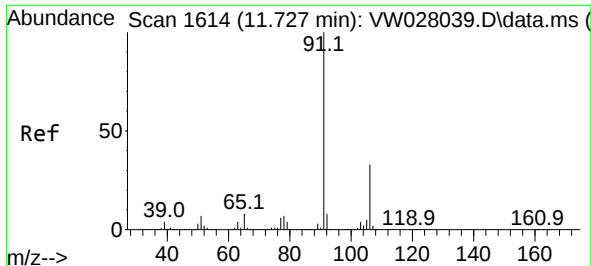
Delta R.T. -0.000 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

Tgt Ion:	112	Resp:	240213
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.7	42.3
77	52.8	42.6	64.0

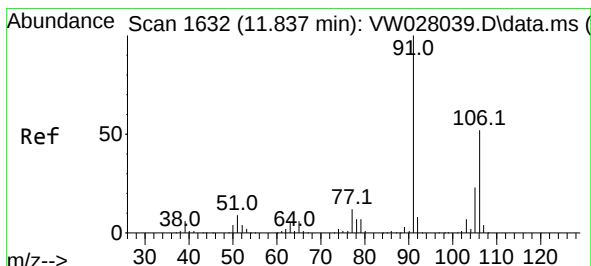
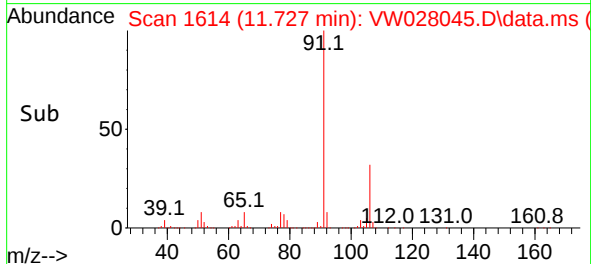
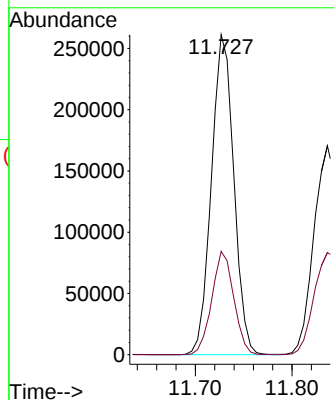
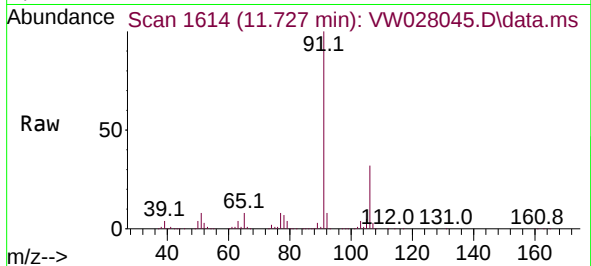




#52
Ethylbenzene
Concen: 26.355 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

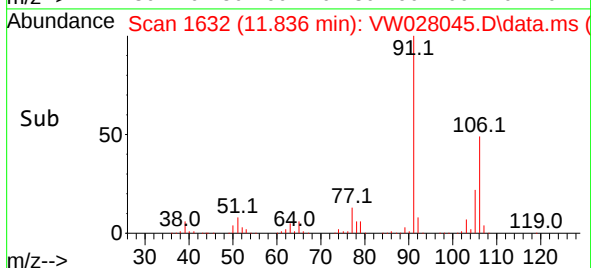
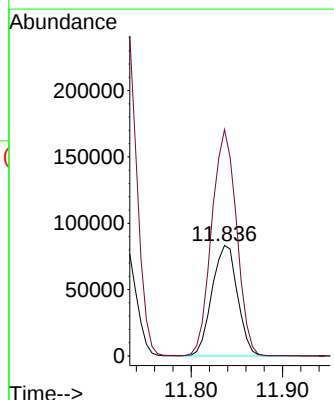
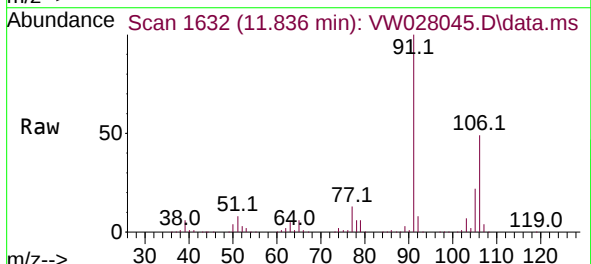
Instrument :
MSVOA_W
ClientSampleId :

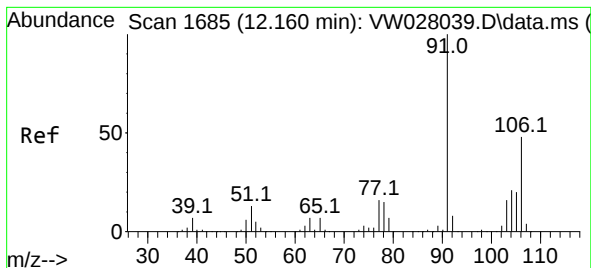
Tgt Ion: 91 Resp: 419061
Ion Ratio Lower Upper
91 100
106 32.3 22.8 42.4



#53
m,p-Xylene
Concen: 25.921 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

Tgt Ion:106 Resp: 161642
Ion Ratio Lower Upper
106 100
91 204.8 130.0 241.4





#54

o-Xylene

Concen: 26.422 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

Instrument :

MSVOA_W

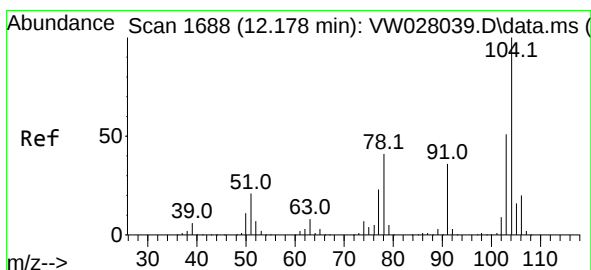
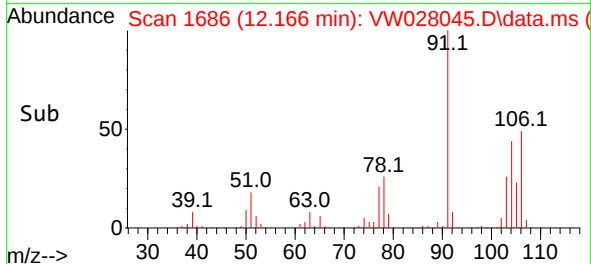
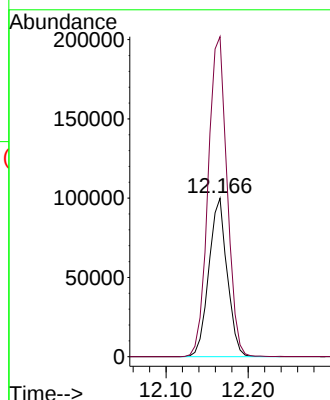
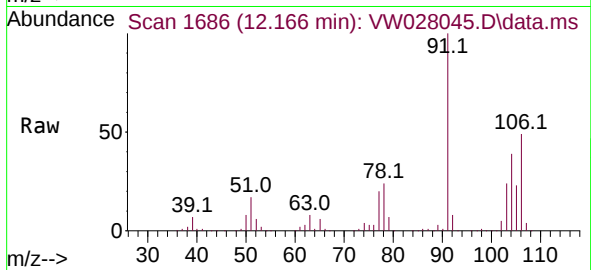
ClientSampleId :

Tgt Ion:106 Resp: 154533

Ion Ratio Lower Upper

106 100

91 202.1 146.4 272.0



#55

Styrene

Concen: 27.098 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028045.D

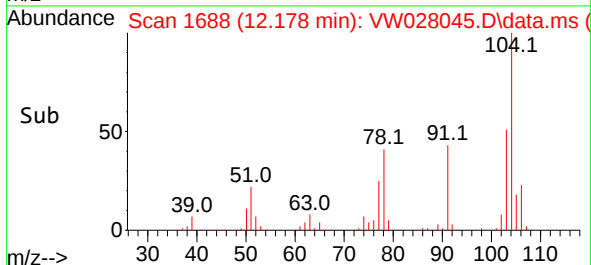
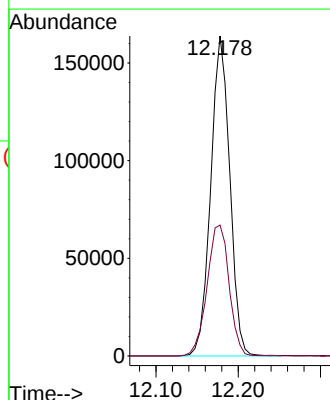
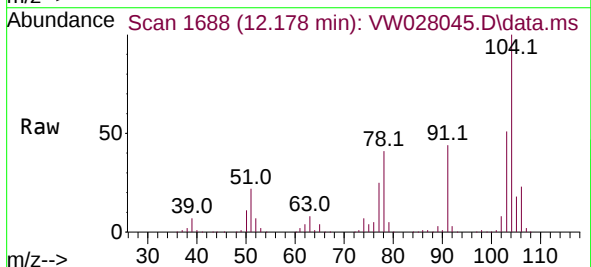
Acq: 21 Feb 2024 13:44

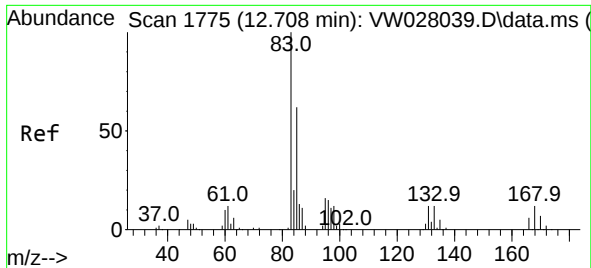
Tgt Ion:104 Resp: 263977

Ion Ratio Lower Upper

104 100

78 40.9 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 25.851 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028045.D

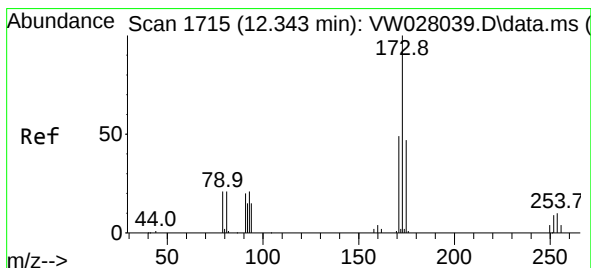
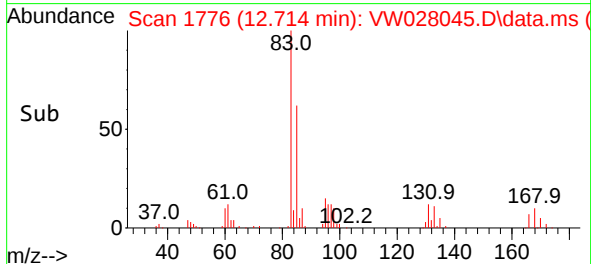
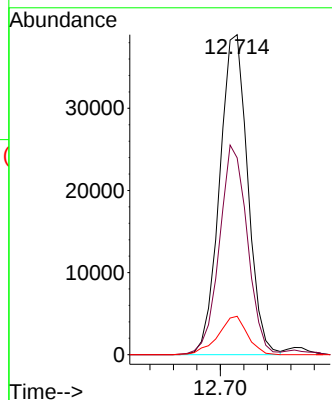
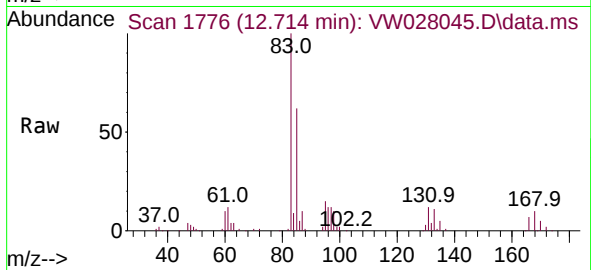
Acq: 21 Feb 2024 13:44

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 64766
Ion Ratio	Lower Upper
83 100	
85 61.5	42.9 79.7
131 12.0	8.7 13.1



#59

Bromoform

Concen: 27.494 ug/L

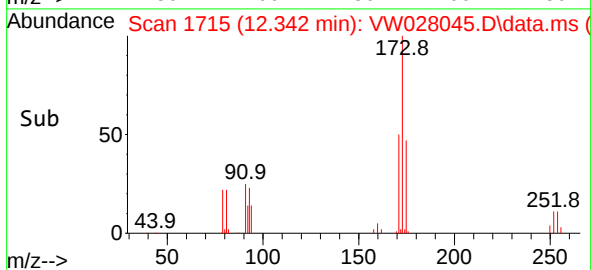
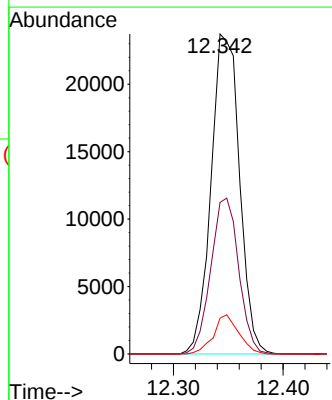
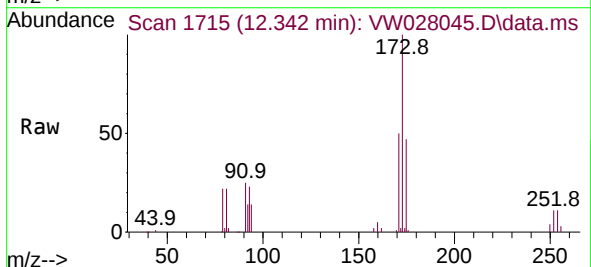
RT: 12.342 min Scan# 1715

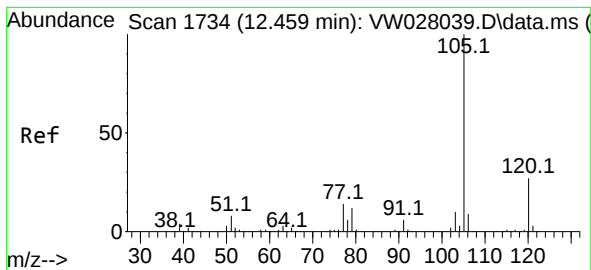
Delta R.T. -0.000 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

Tgt Ion: 173	Resp: 42806
Ion Ratio	Lower Upper
173 100	
175 47.7	37.8 56.8
254 10.9	8.4 12.6





#60

Isopropylbenzene

Concen: 27.006 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

Instrument :

MSVOA_W

ClientSampleId :

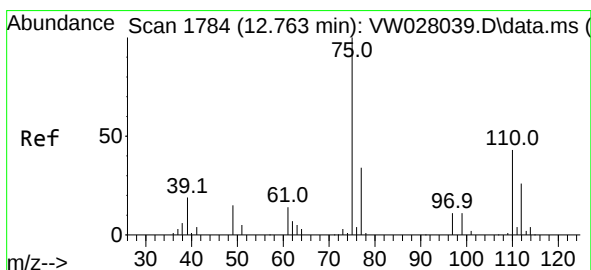
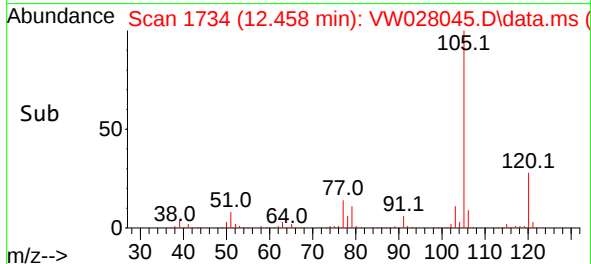
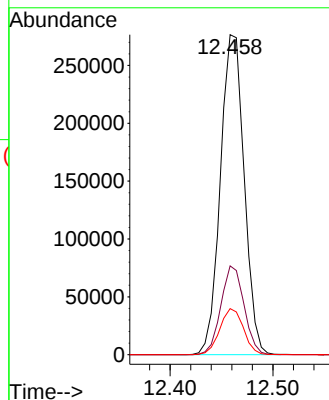
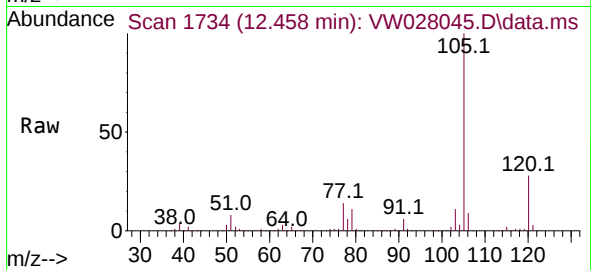
Tgt Ion:105 Resp: 444790

Ion Ratio Lower Upper

105 100

120 27.0 22.2 33.2

77 14.3 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 25.855 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

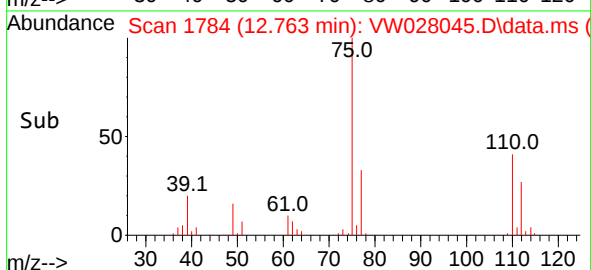
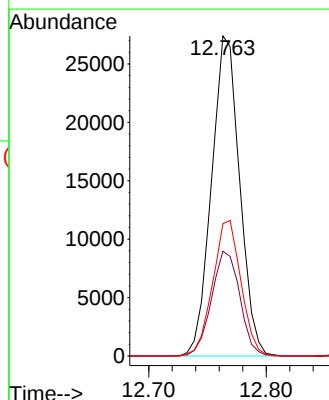
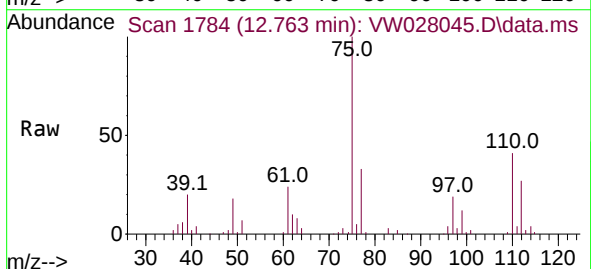
Tgt Ion: 75 Resp: 45515

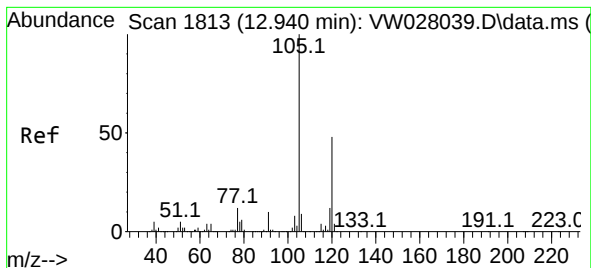
Ion Ratio Lower Upper

75 100

77 33.0 26.5 39.7

110 42.6 35.8 53.8





#62

1,3,5-Trimethylbenzene

Concen: 27.381 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

Instrument :

MSVOA_W

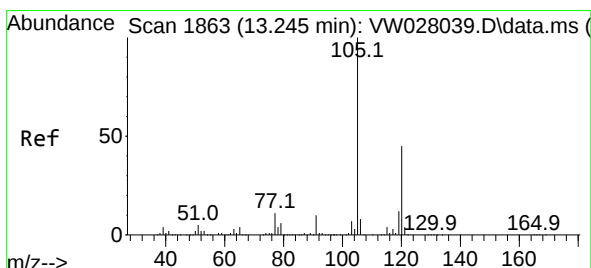
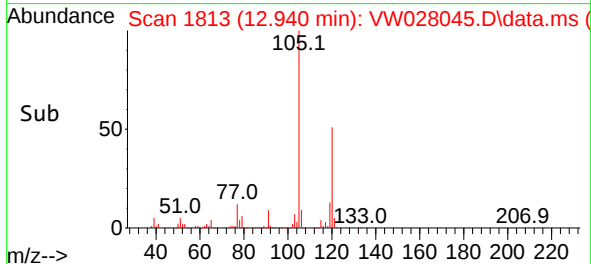
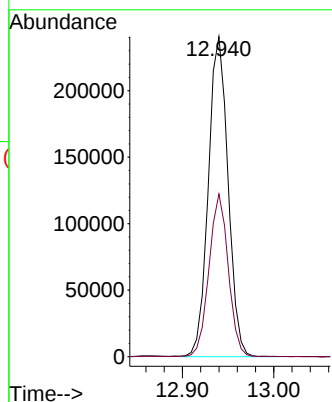
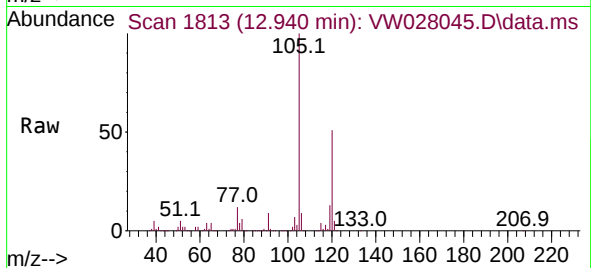
ClientSampleId :

Tgt Ion:105 Resp: 360873

Ion Ratio Lower Upper

105 100

120 49.8 40.3 60.5



#63

1,2,4-Trimethylbenzene

Concen: 27.614 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028045.D

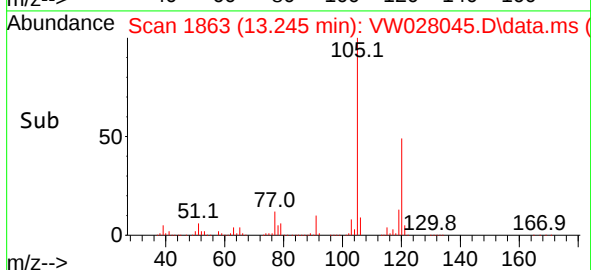
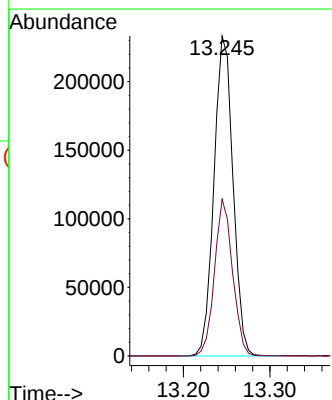
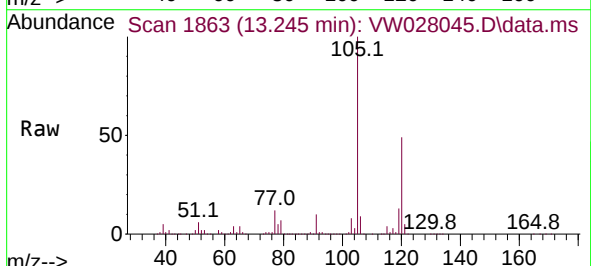
Acq: 21 Feb 2024 13:44

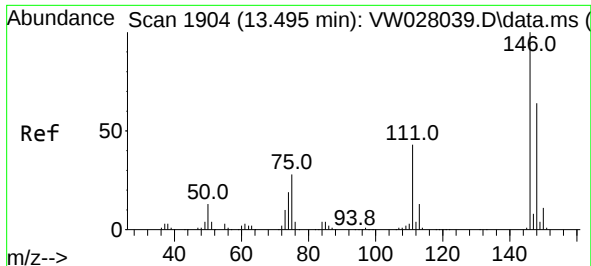
Tgt Ion:105 Resp: 356138

Ion Ratio Lower Upper

105 100

120 46.4 36.4 54.6

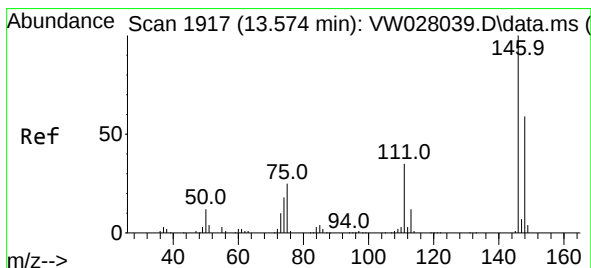
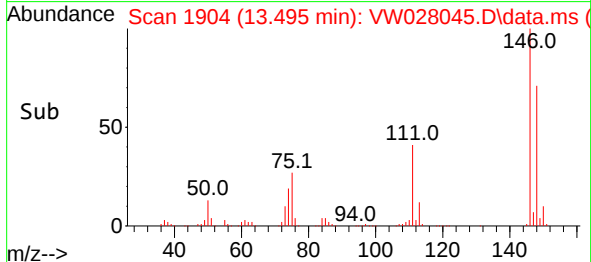
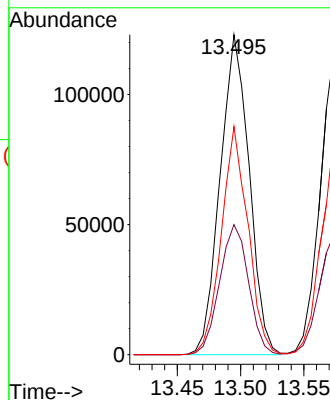
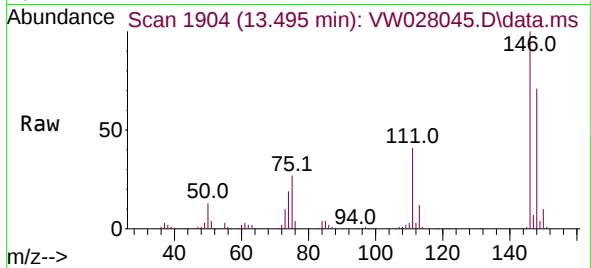




#64
1,3-Dichlorobenzene
Concen: 25.968 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

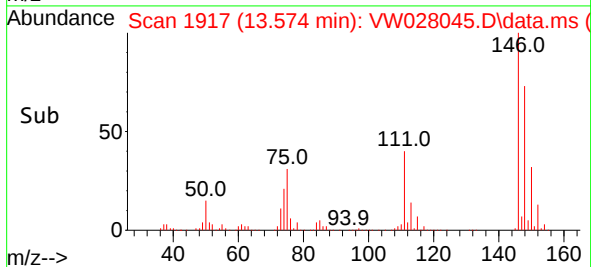
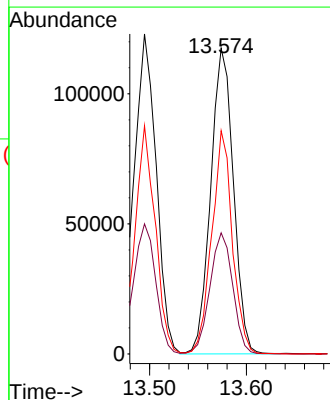
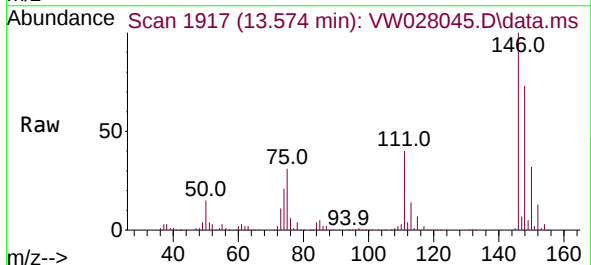
Instrument :
MSVOA_W
ClientSampleId :

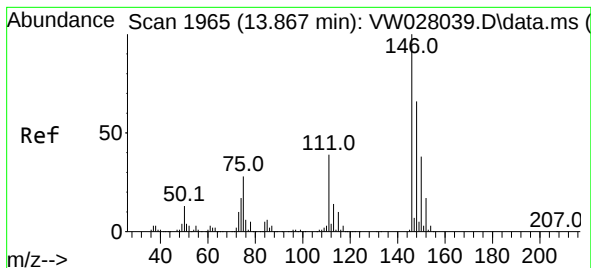
Tgt Ion:146 Resp: 196468
Ion Ratio Lower Upper
146 100
111 40.7 26.9 49.9
148 71.3 41.2 76.6



#65
1,4-Dichlorobenzene
Concen: 24.919 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

Tgt Ion:146 Resp: 191696
Ion Ratio Lower Upper
146 100
111 39.6 24.1 44.8
148 73.0 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 25.169 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

Instrument :

MSVOA_W

ClientSampleId :

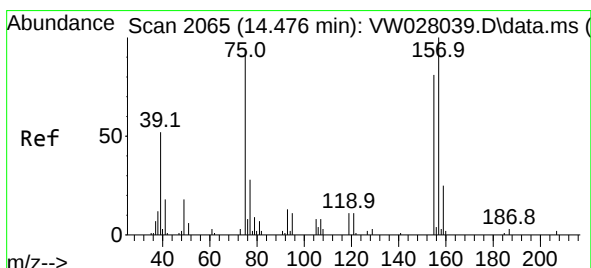
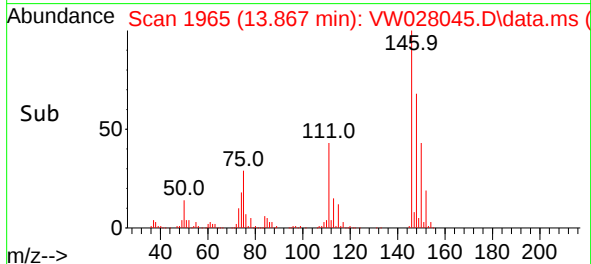
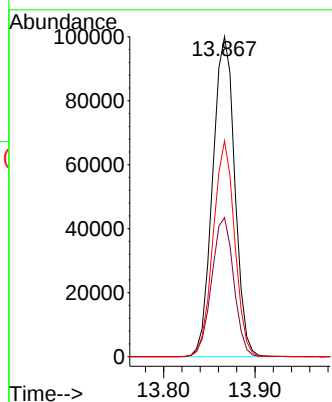
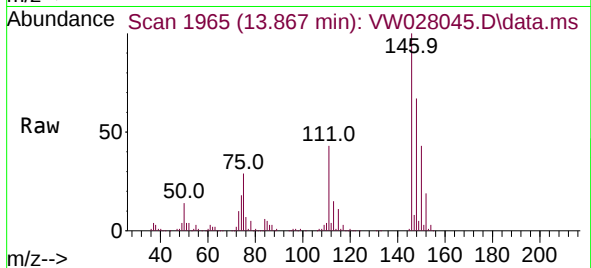
Tgt Ion:146 Resp: 168196

Ion Ratio Lower Upper

146 100

111 43.5 30.6 46.0

148 67.5 48.6 72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 26.592 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

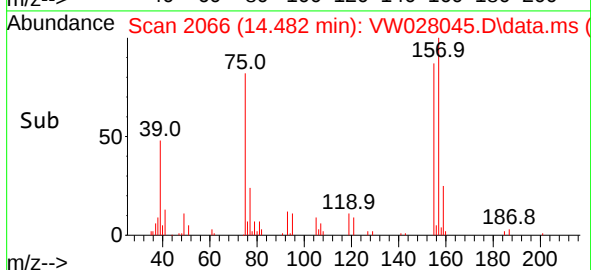
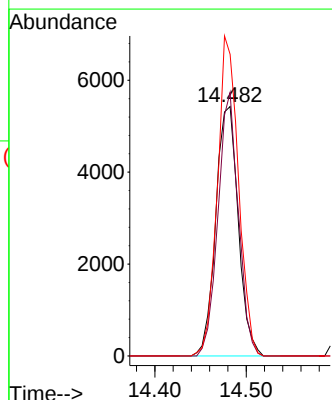
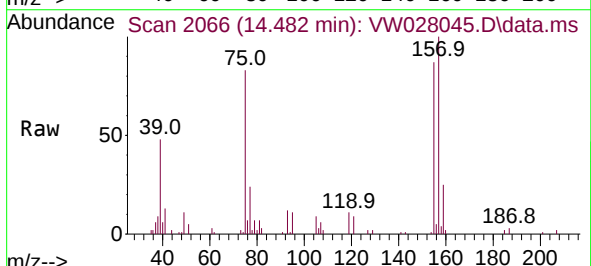
Tgt Ion: 75 Resp: 9294

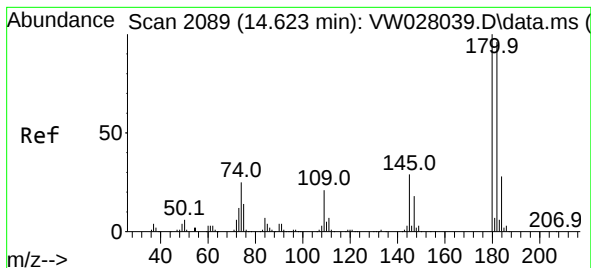
Ion Ratio Lower Upper

75 100

155 105.6 68.7 103.1#

157 120.9 96.7 145.1





#69

1,3,5-Trichlorobenzene

Concen: 26.556 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

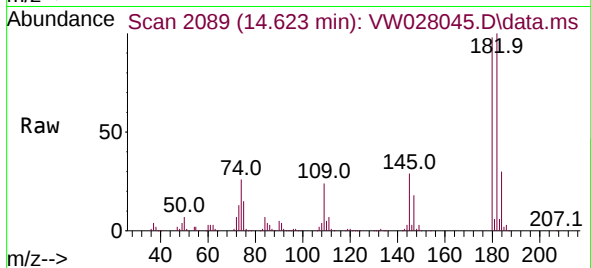
Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 144278

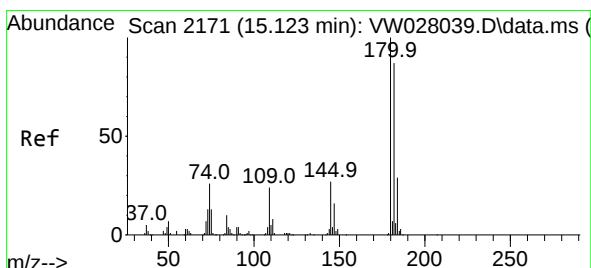
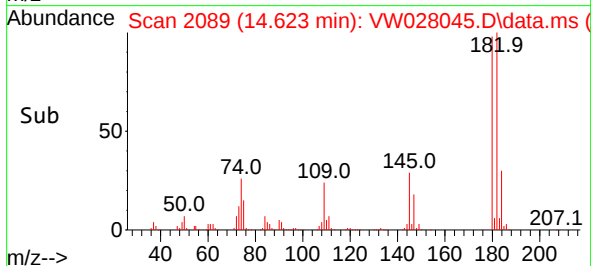
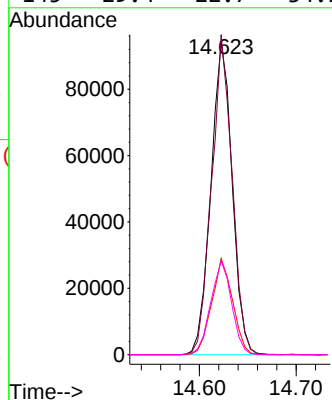
Ion Ratio Lower Upper

180 100

182 98.2 72.1 108.1

184 30.1 24.4 36.6

145 29.4 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 26.555 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028045.D

Acq: 21 Feb 2024 13:44

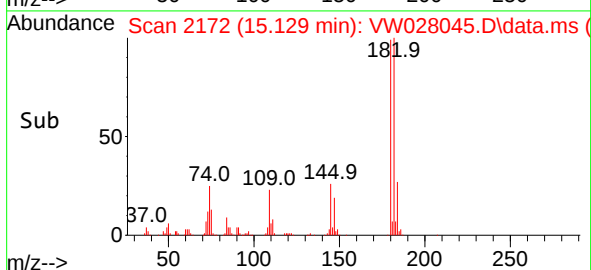
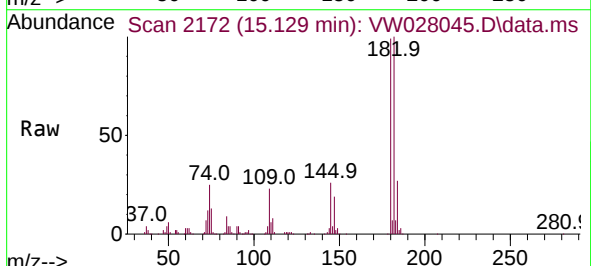
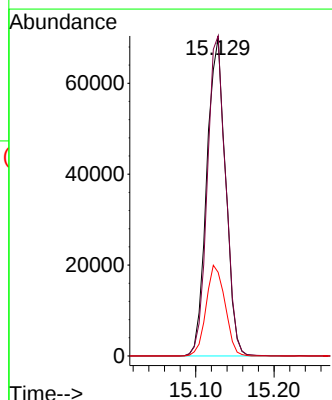
Tgt Ion:180 Resp: 116504

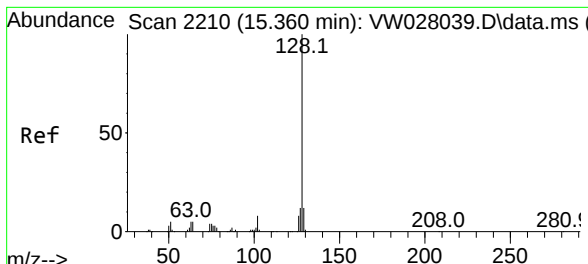
Ion Ratio Lower Upper

180 100

182 97.9 77.0 115.6

145 28.6 23.4 35.0

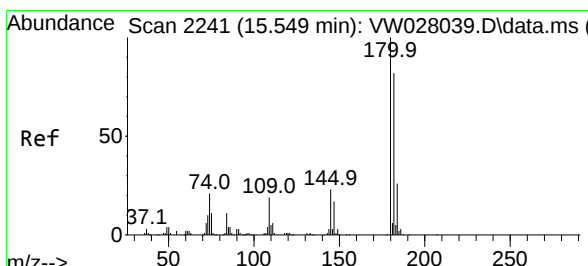
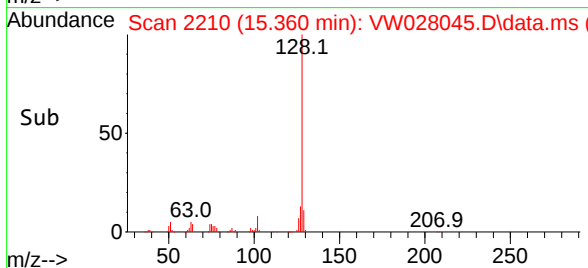
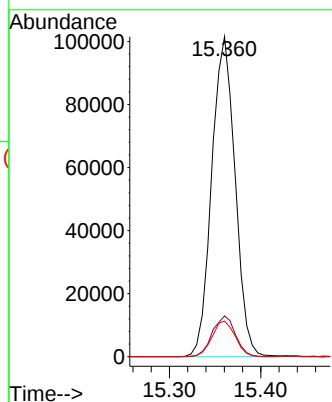
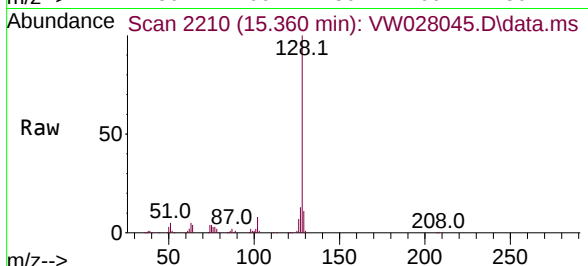




#71
Naphthalene
Concen: 26.528 ug/L
RT: 15.360 min Scan# 211
Delta R.T. -0.000 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 180855
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.1 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 26.194 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW028045.D
Acq: 21 Feb 2024 13:44

Tgt Ion:180 Resp: 95879
Ion Ratio Lower Upper
180 100
182 94.3 76.5 114.7
145 32.2 25.8 38.8

