

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020524\
 Data File : VW027948.D
 Acq On : 05 Feb 2024 12:22
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 06 04:02:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 03:57:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	276588	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	251168	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	132207	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	81703	25.221	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.880%
7) Chloroethane-d5	2.899	69	64247	26.148	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	4.027	65	35010	25.258	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.040%
21) 2-Butanone-d5	7.088	46	31175	61.935	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.880%
24) Chloroform-d	7.648	84	161906	25.035	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.120%
26) 1,2-Dichloroethane-d4	8.307	65	76310	26.126	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.520%
32) Benzene-d6	8.276	84	338293	25.174	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.680%
36) 1,2-Dichloropropane-d6	9.270	67	91665	25.158	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.640%
41) Toluene-d8	10.325	98	325371	25.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.240%
43) trans-1,3-Dichloroprop...	10.575	79	40025	26.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.840%
47) 2-Hexanone-d5	10.922	63	30348	61.235	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77516	28.464	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.840%
66) 1,2-Dichlorobenzene-d4	13.849	152	113763	25.317	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	61539	25.837	ug/L	97
3) Chloromethane	2.223	50	62700	23.970	ug/L	99
5) Vinyl chloride	2.375	62	84663	23.880	ug/L	99
6) Bromomethane	2.796	94	60279	24.062	ug/L	100
8) Chloroethane	2.936	64	50069	24.995	ug/L	95
9) Trichlorofluoromethane	3.271	101	75731	23.504	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	81637	25.137	ug/L #	39
12) 1,1-Dichloroethene	4.045	96	74212	24.563	ug/L	97
13) Acetone	4.149	43	27835	56.870	ug/L	96
14) Carbon disulfide	4.393	76	204385	22.850	ug/L	98
15) Methyl Acetate	4.679	43	23100	28.350	ug/L	98
16) Methylene chloride	4.923	84	79891	23.109	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	79245	24.413	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	105680	27.463	ug/L	98
19) 1,1-Dichloroethane	6.222	63	132385	25.105	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	85493	24.942	ug/L	98
22) 2-Butanone	7.179	43	33465	59.231	ug/L	96
23) Bromochloromethane	7.514	128	39866	26.183	ug/L	87
25) Chloroform	7.679	83	143944	25.392	ug/L	96

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

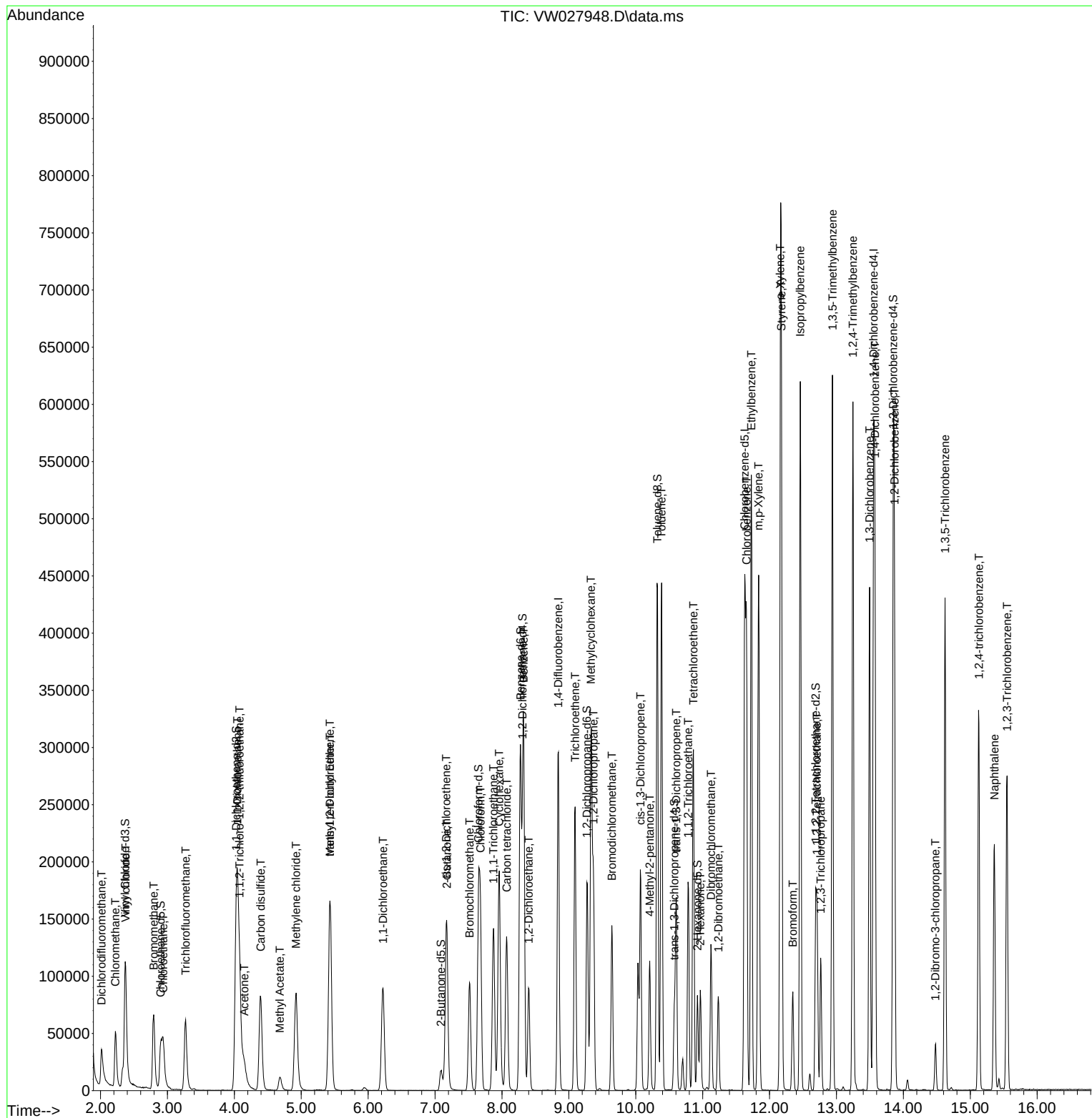
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	83525	26.458	ug/L	99
29) Cyclohexane	7.959	56	111678	24.946	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	121380	25.034	ug/L	99
31) Carbon tetrachloride	8.069	117	110792	24.700	ug/L	98
33) Benzene	8.325	78	309832	24.698	ug/L	100
34) Trichloroethene	9.093	95	87448	24.282	ug/L	99
35) Methylcyclohexane	9.331	83	147023	24.809	ug/L	98
37) 1,2-Dichloropropane	9.368	63	74193	25.168	ug/L	100
38) Bromodichloromethane	9.642	83	100537	25.550	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	121302	25.672	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	67720	60.864	ug/L	100
42) Toluene	10.386	91	350561	24.924	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	98353	26.226	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	61233	26.243	ug/L	97
46) Tetrachloroethene	10.861	164	73331	24.200	ug/L	98
48) 2-Hexanone	10.965	43	49874	59.180	ug/L	97
49) Dibromochloromethane	11.123	129	71001	26.691	ug/L	90
50) 1,2-Dibromoethane	11.233	107	59526	27.331	ug/L	90
51) Chlorobenzene	11.654	112	232224	24.823	ug/L	99
52) Ethylbenzene	11.727	91	398548	25.132	ug/L	100
53) m,p-Xylene	11.837	106	153819	24.732	ug/L	85
54) o-Xylene	12.160	106	152185	26.090	ug/L	96
55) Styrene	12.178	104	257966	26.552	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	72018	28.823	ug/L	100
59) Bromoform	12.349	173	41418	26.542	ug/L	98
60) Isopropylbenzene	12.459	105	416554	25.234	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	49528	28.071	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	335783	25.419	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	332626	25.732	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	190232	25.086	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	192005	24.903	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	175666	26.228	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	10208	29.140	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	141484	25.983	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	115935	26.366	ug/L	97
71) Naphthalene	15.360	128	202180	29.589	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	98376	26.815	ug/L	99

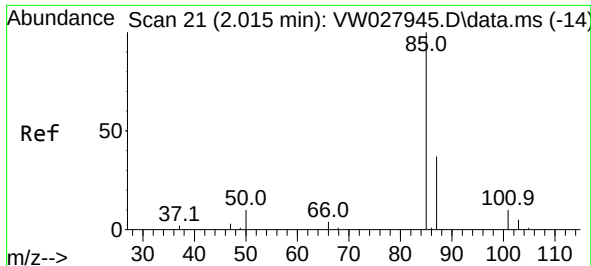
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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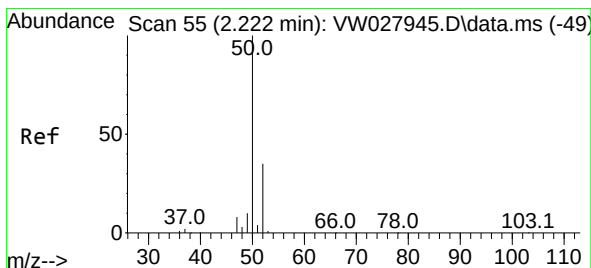
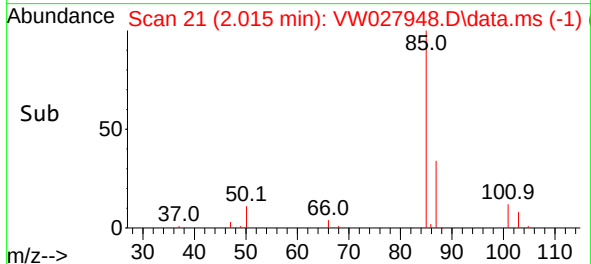
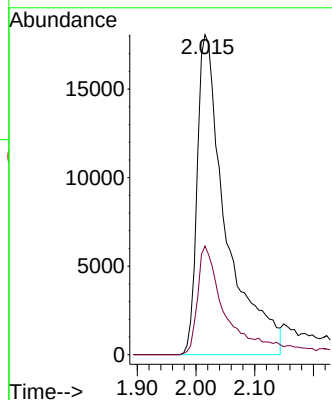
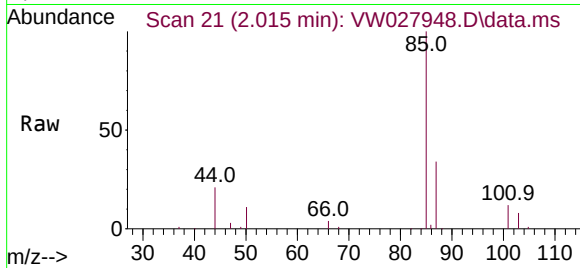




#2
 Dichlorodifluoromethane
 Concen: 25.837 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027948.D
 Acq: 05 Feb 2024 12:22

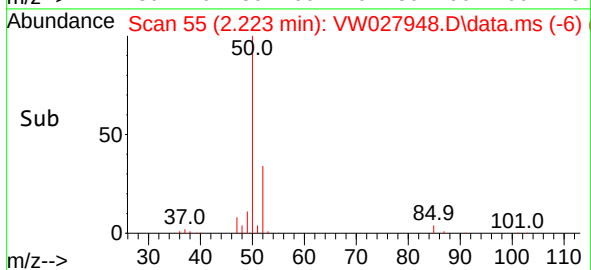
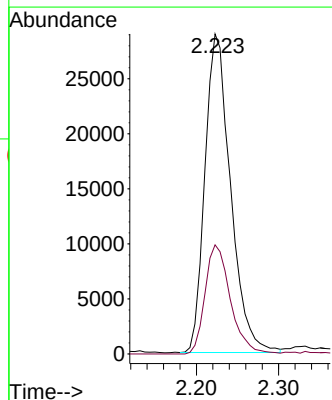
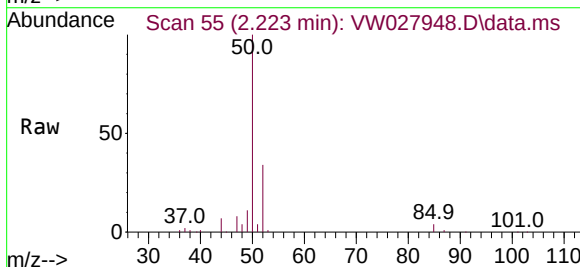
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 ClientSampleId :

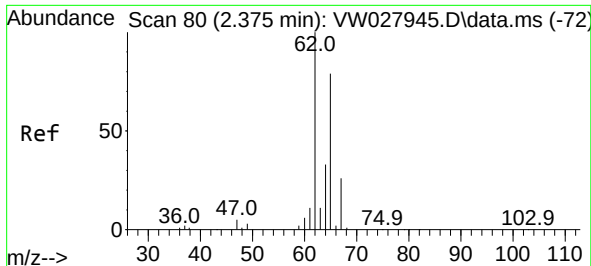
Tgt Ion: 85 Resp: 61539
 Ion Ratio Lower Upper
 85 100
 87 29.7 25.3 37.9



#3
 Chloromethane
 Concen: 23.970 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW027948.D
 Acq: 05 Feb 2024 12:22

Tgt Ion: 50 Resp: 62700
 Ion Ratio Lower Upper
 50 100
 52 34.1 24.3 45.1

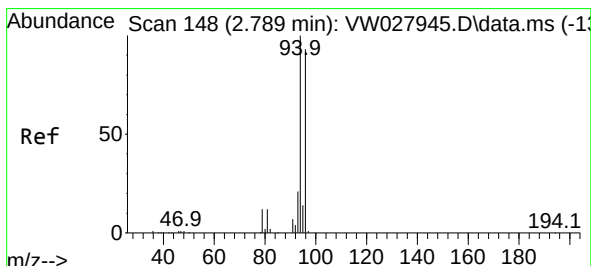
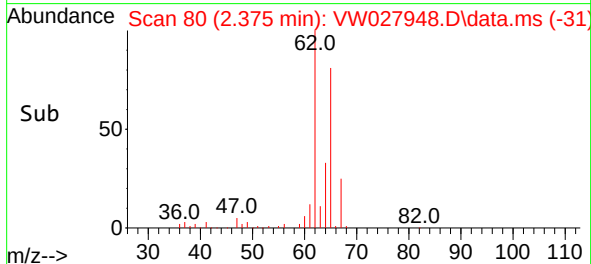
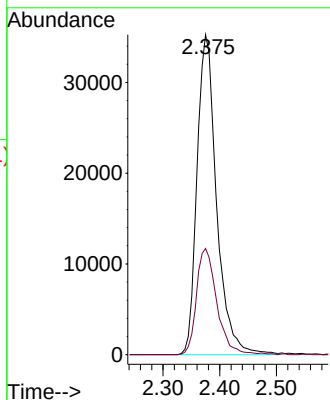
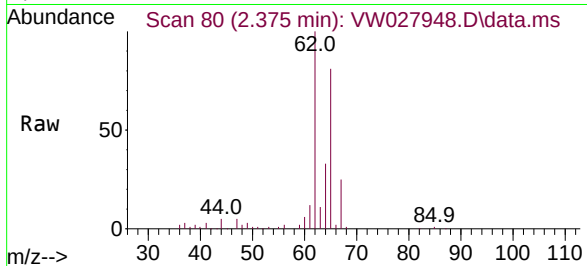




#5
 Vinyl chloride
 Concen: 23.880 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027948.D
 Acq: 05 Feb 2024 12:22

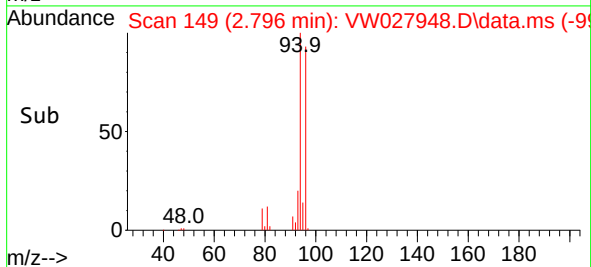
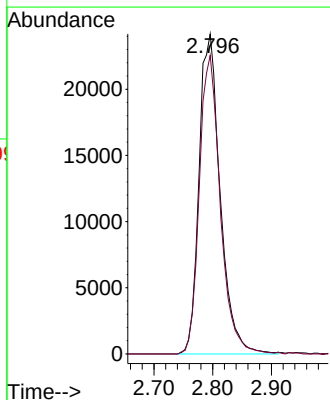
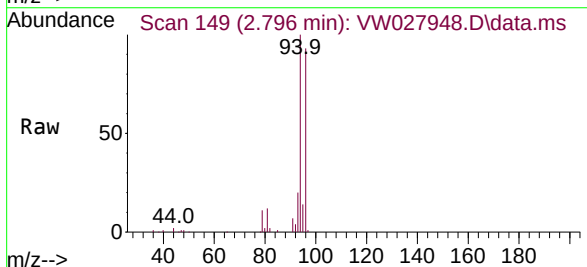
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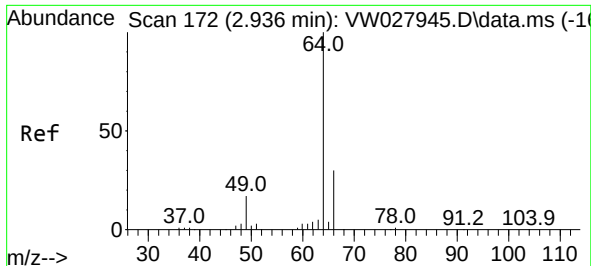
Tgt Ion: 62 Resp: 84663
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.0 42.6



#6
 Bromomethane
 Concen: 24.062 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW027948.D
 Acq: 05 Feb 2024 12:22

Tgt Ion: 94 Resp: 60279
 Ion Ratio Lower Upper
 94 100
 96 93.3 65.3 121.3

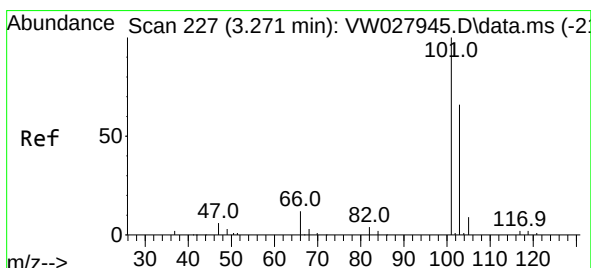
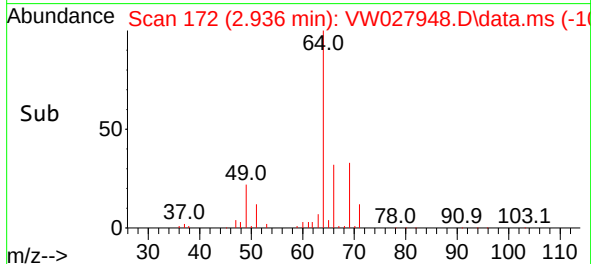
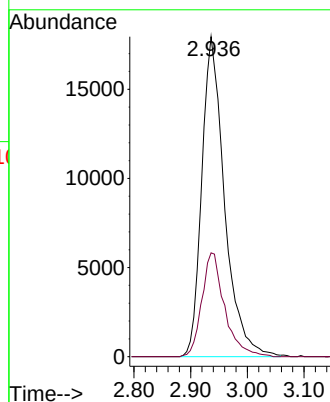
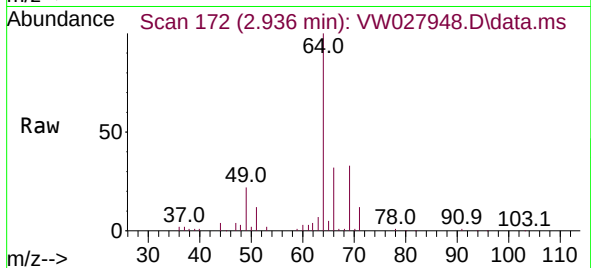




#8
Chloroethane
Concen: 24.995 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

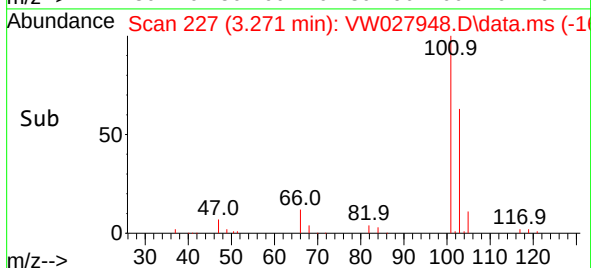
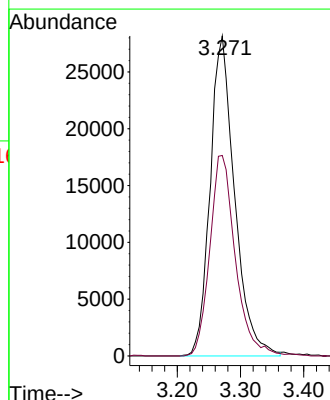
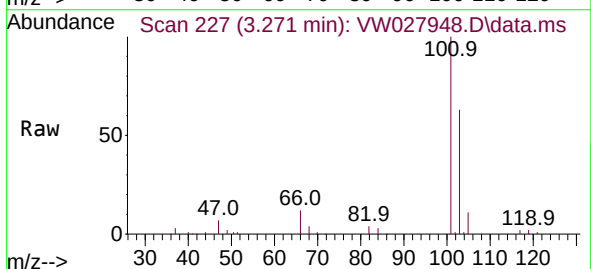
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ClientSampleId :

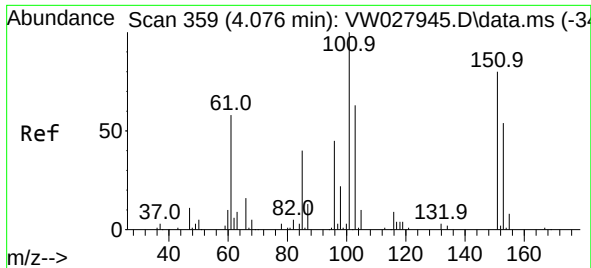
Tgt Ion: 64 Resp: 50069
Ion Ratio Lower Upper
64 100
66 32.4 20.9 38.7



#9
Trichlorofluoromethane
Concen: 23.504 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

Tgt Ion:101 Resp: 75731
Ion Ratio Lower Upper
101 100
103 65.2 51.6 77.4

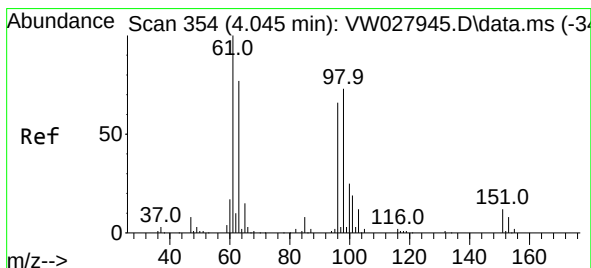
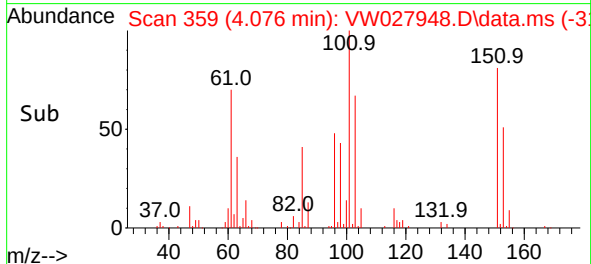
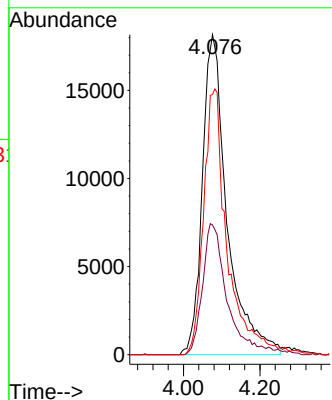
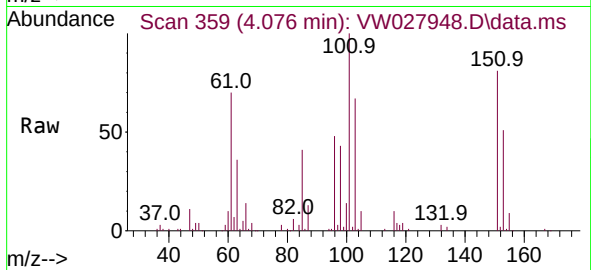




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.137 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027948.D
 Acq: 05 Feb 2024 12:22

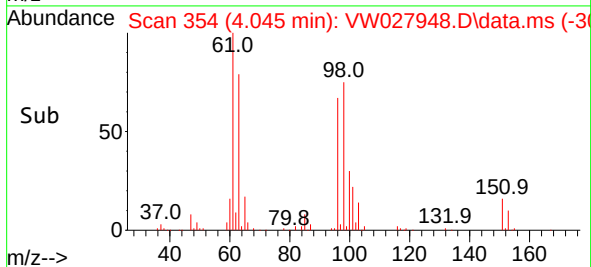
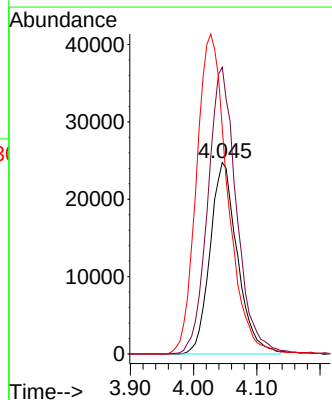
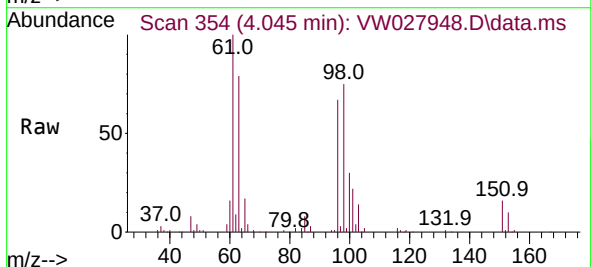
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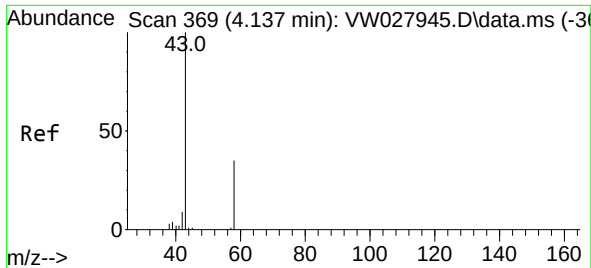
Tgt Ion:101 Resp: 81637
 Ion Ratio Lower Upper
 101 100
 85 38.0 33.8 50.6
 151 0.0 62.6 93.8#



#12
 1,1-Dichloroethene
 Concen: 24.563 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027948.D
 Acq: 05 Feb 2024 12:22

Tgt Ion: 96 Resp: 74212
 Ion Ratio Lower Upper
 96 100
 61 149.8 107.4 199.4
 63 118.0 86.0 159.6

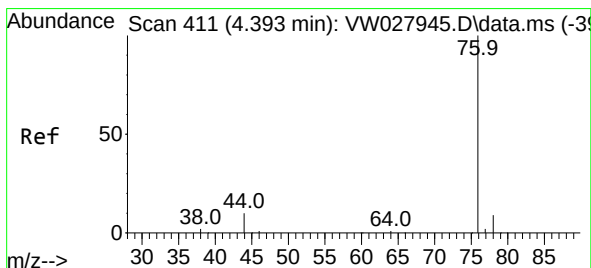
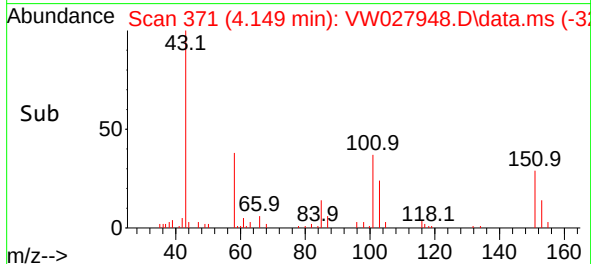
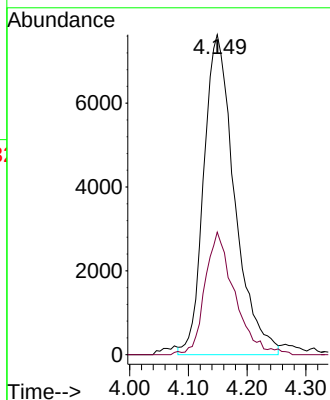
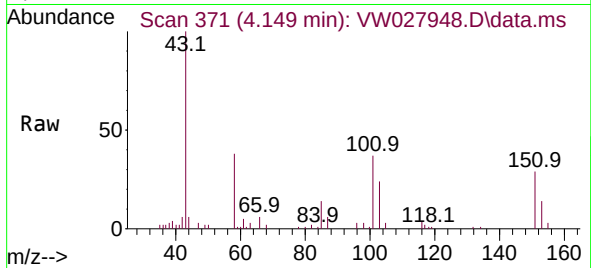




#13
Acetone
Concen: 56.870 ug/L
RT: 4.149 min Scan# 371
Delta R.T. 0.012 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

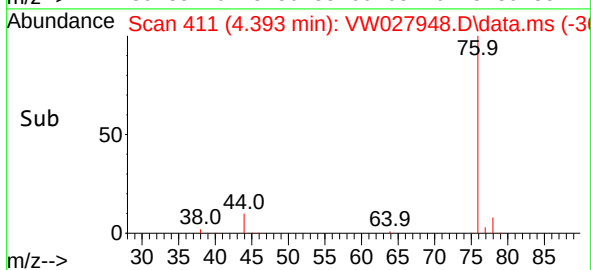
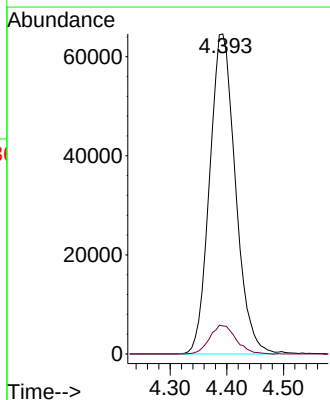
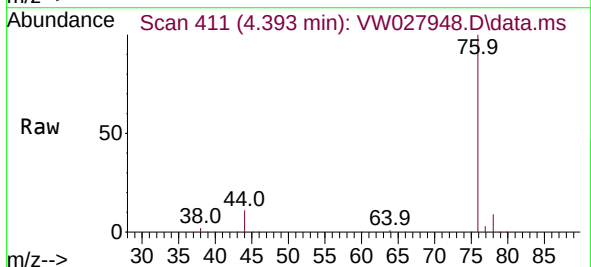
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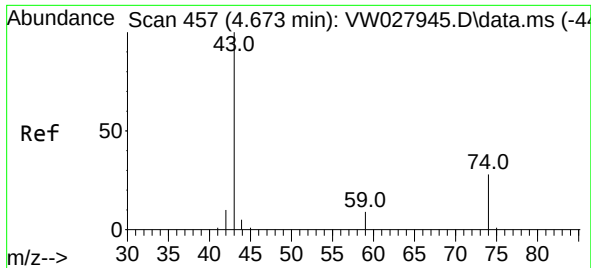
Tgt Ion: 43 Resp: 27835
Ion Ratio Lower Upper
43 100
58 35.2 0.0 66.0



#14
Carbon disulfide
Concen: 22.850 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 204385
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

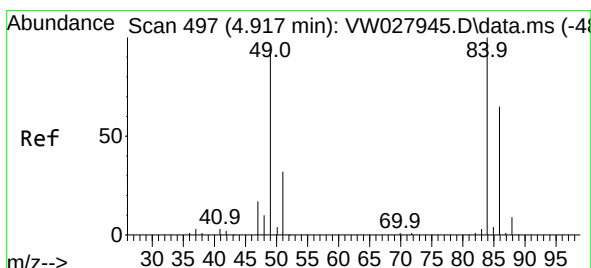
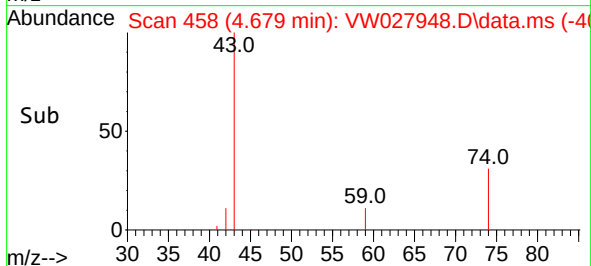
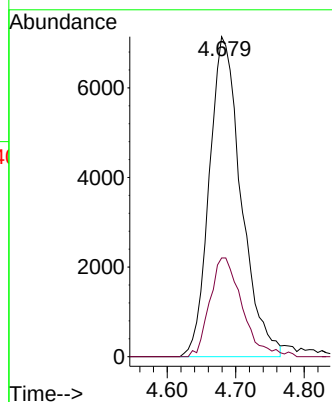
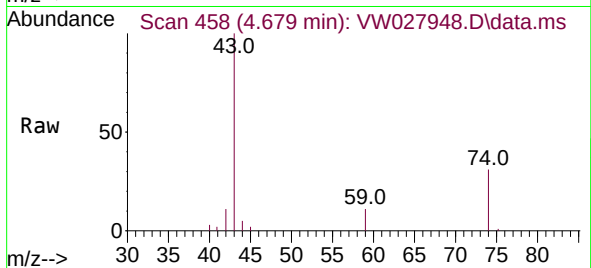




#15
Methyl Acetate
Concen: 28.350 ug/L
RT: 4.679 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

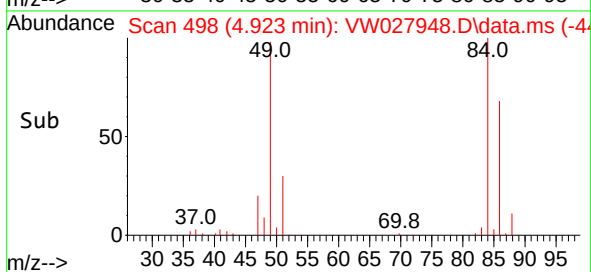
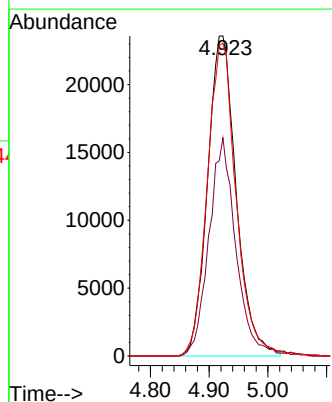
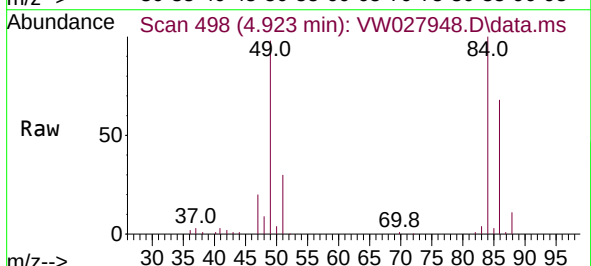
Instrument :
MSVOA_W
ClientSampleId :

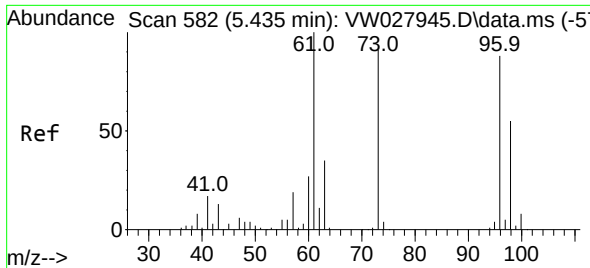
Tgt Ion: 43 Resp: 23100
Ion Ratio Lower Upper
43 100
74 31.1 24.2 36.2



#16
Methylene chloride
Concen: 23.109 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

Tgt Ion: 84 Resp: 79891
Ion Ratio Lower Upper
84 100
86 68.1 45.4 84.4
49 97.7 66.3 123.1

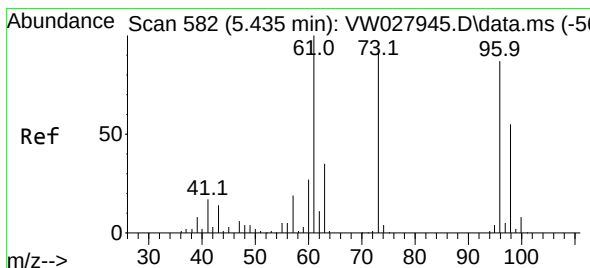
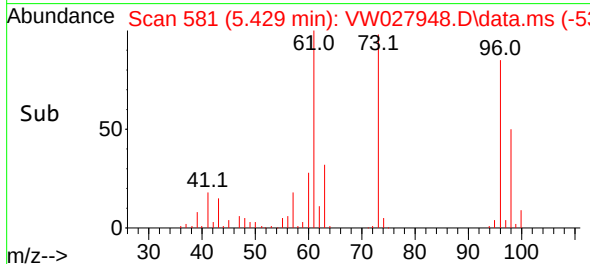
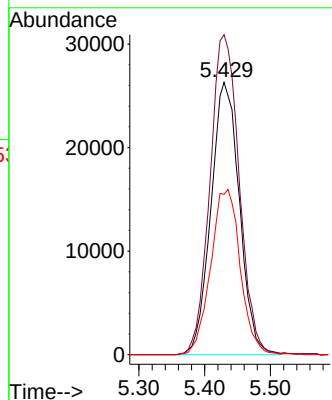
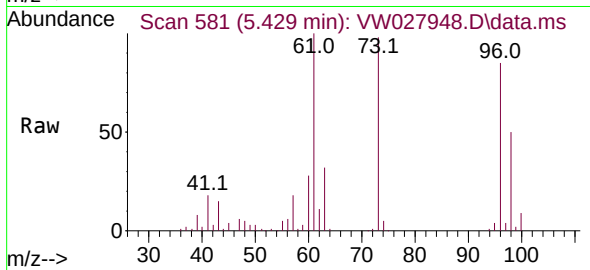




#17
trans-1,2-Dichloroethene
Concen: 24.413 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

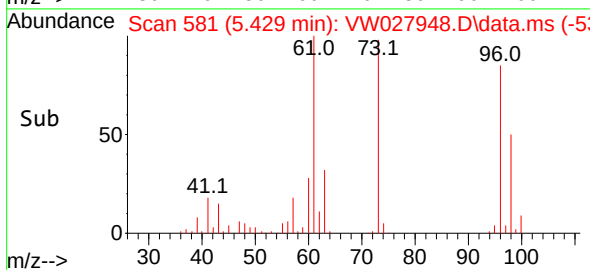
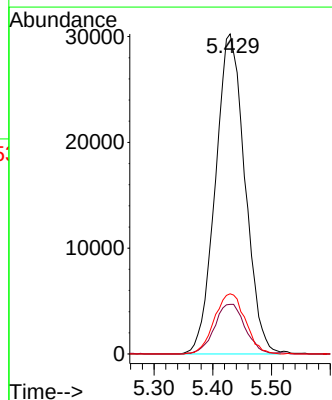
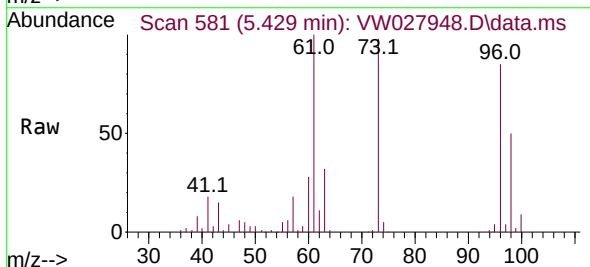
Instrument :
MSVOA_W
ClientSampleId :

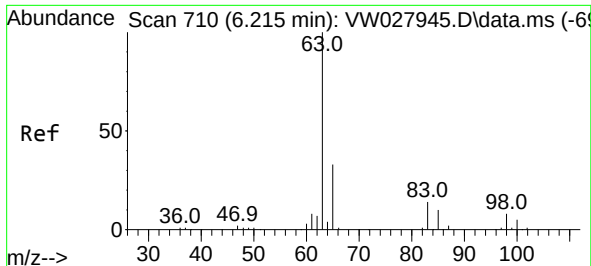
Tgt Ion: 96 Resp: 79245
Ion Ratio Lower Upper
96 100
61 117.5 80.1 148.7
98 58.9 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 27.463 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

Tgt Ion: 73 Resp: 105680
Ion Ratio Lower Upper
73 100
43 16.1 13.4 20.0
57 19.7 16.3 24.5

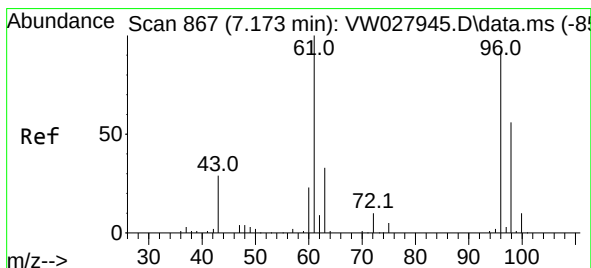
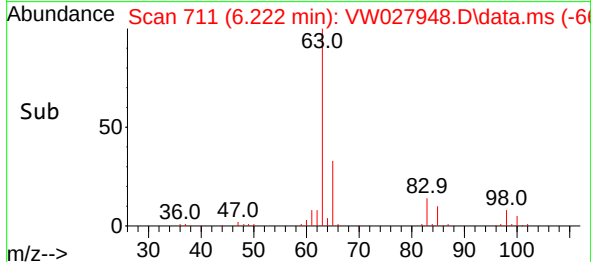
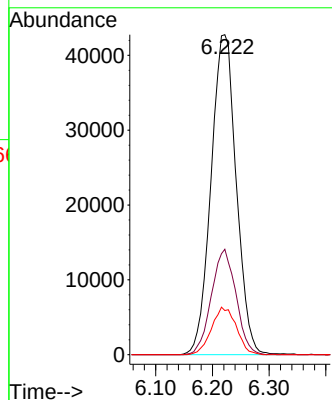
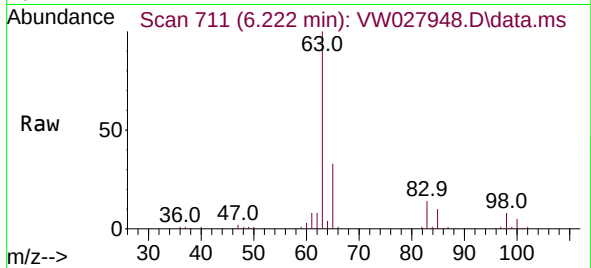




#19
1,1-Dichloroethane
Concen: 25.105 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

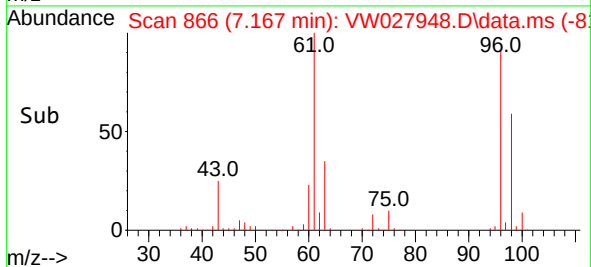
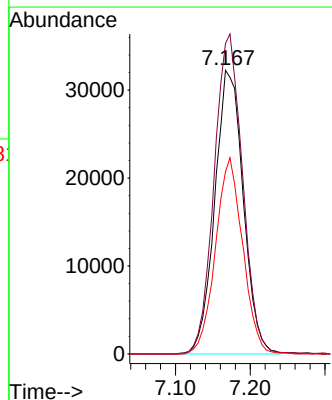
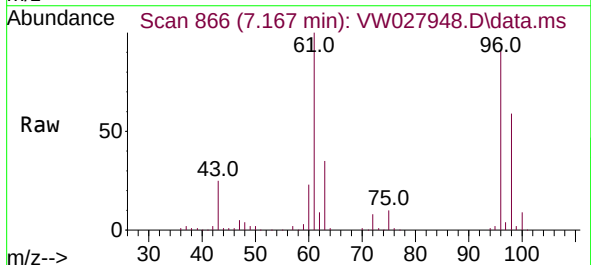
Instrument :
MSVOA_W
ClientSampleId :

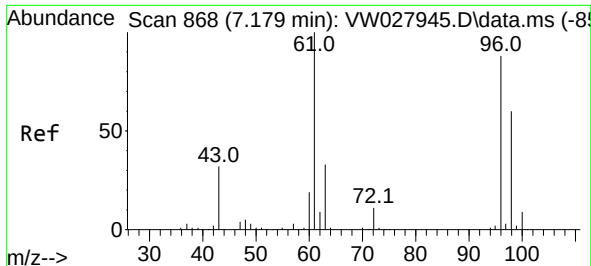
Tgt Ion: 63 Resp: 132385
Ion Ratio Lower Upper
63 100
65 33.0 23.1 42.9
83 13.8 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 24.942 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

Tgt Ion: 96 Resp: 85493
Ion Ratio Lower Upper
96 100
61 109.4 76.3 141.7
98 64.2 42.9 79.7

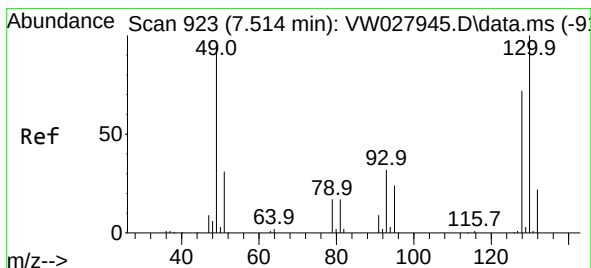
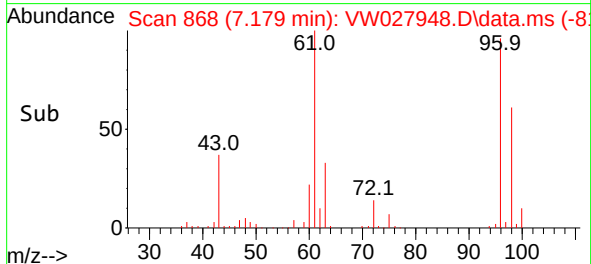
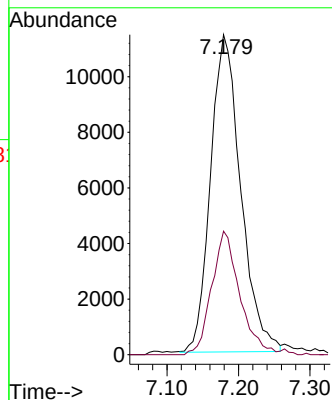
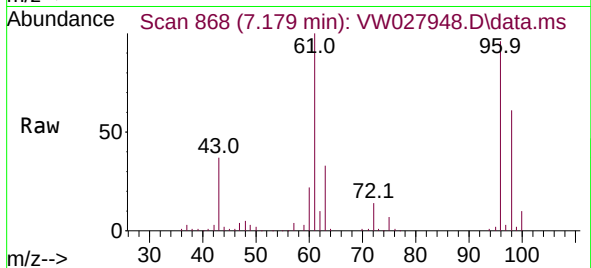




#22
2-Butanone
Concen: 59.231 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

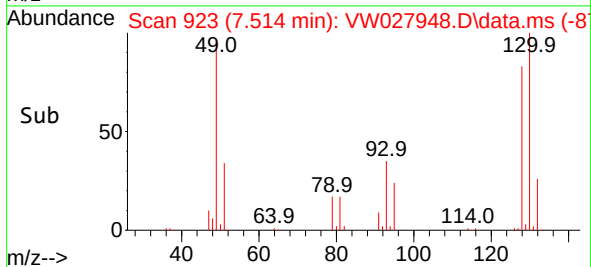
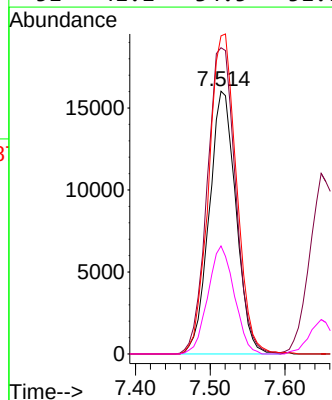
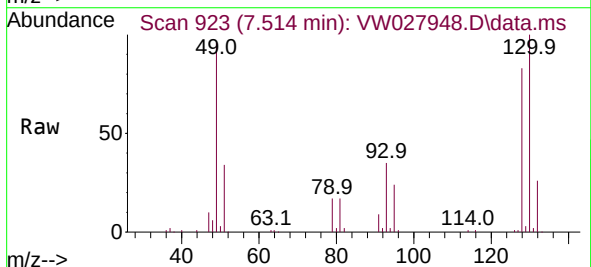
Instrument :
MSVOA_W
ClientSampleId :

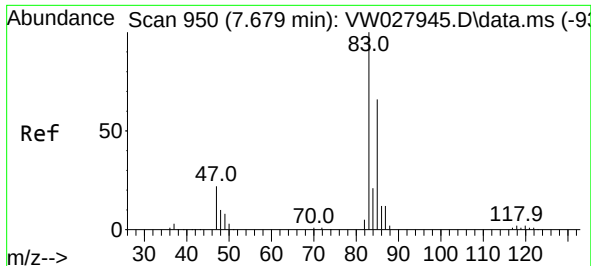
Tgt Ion: 43 Resp: 33465
Ion Ratio Lower Upper
43 100
72 36.0 17.0 50.9



#23
Bromochloromethane
Concen: 26.183 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

Tgt Ion: 128 Resp: 39866
Ion Ratio Lower Upper
128 100
49 116.6 93.2 173.2
130 121.1 97.4 180.8
51 41.1 34.5 51.7

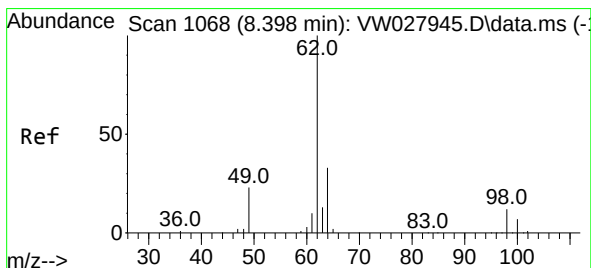
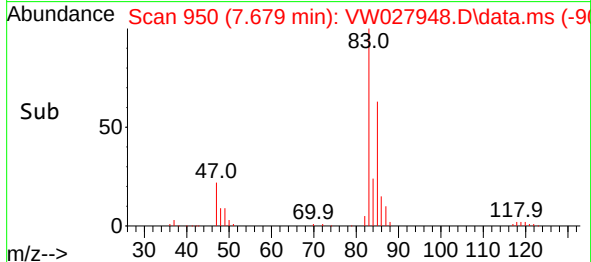
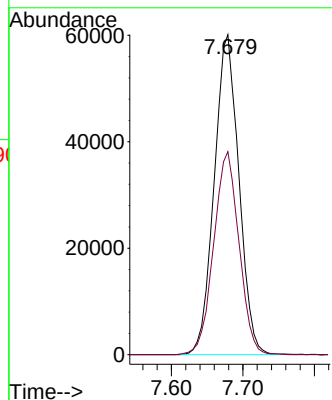
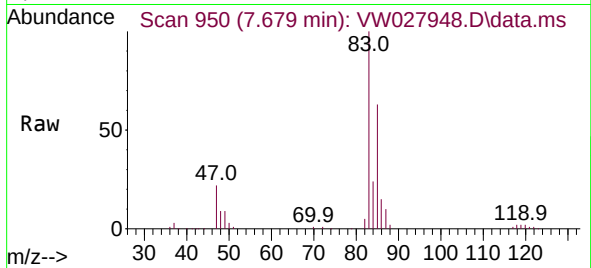




#25
Chloroform
Concen: 25.392 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

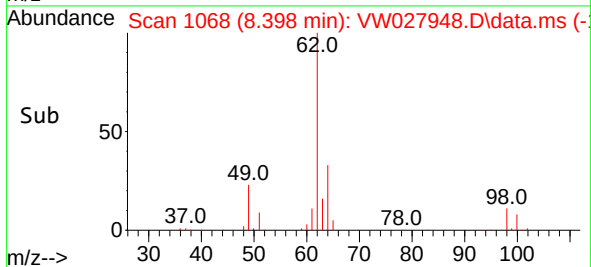
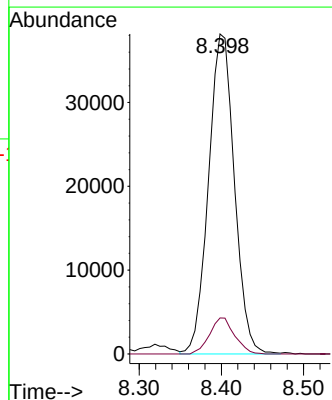
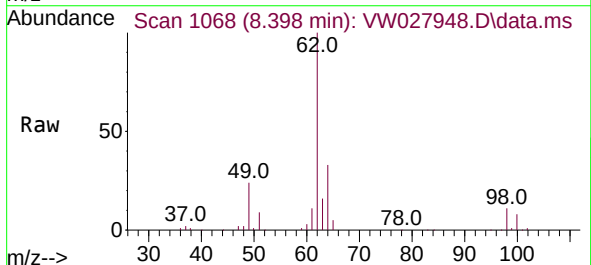
Instrument :
MSVOA_W
ClientSampleId :

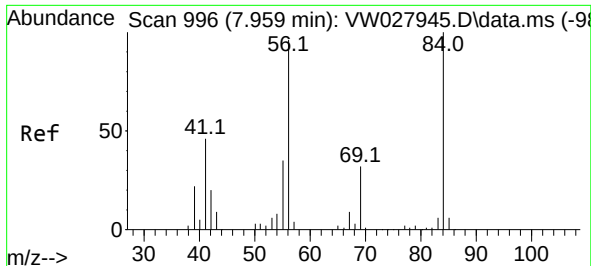
Tgt Ion: 83 Resp: 143944
Ion Ratio Lower Upper
83 100
85 63.4 46.6 86.6



#27
1,2-Dichloroethane
Concen: 26.458 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

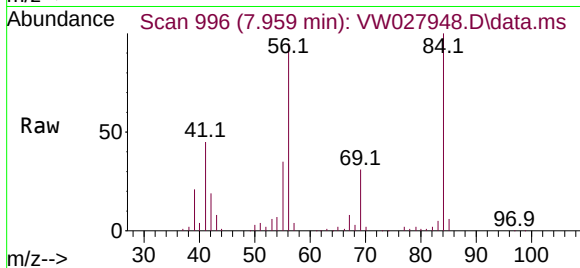
Tgt Ion: 62 Resp: 83525
Ion Ratio Lower Upper
62 100
98 11.3 9.4 14.2



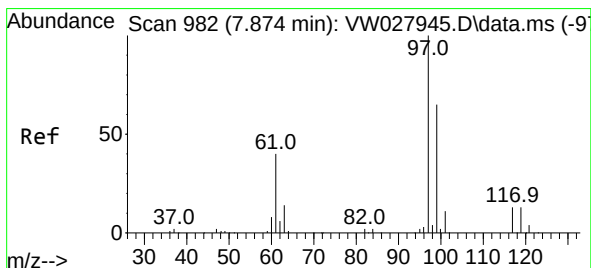
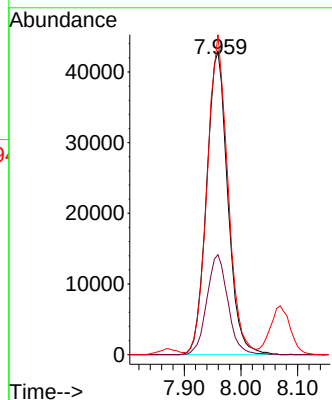
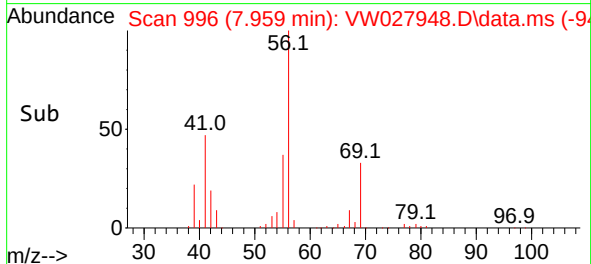


#29
Cyclohexane
Concen: 24.946 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

Instrument :
MSVOA_W
ClientSampleId :

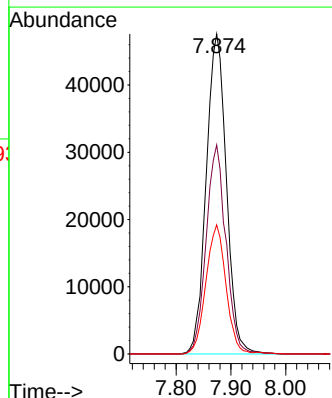
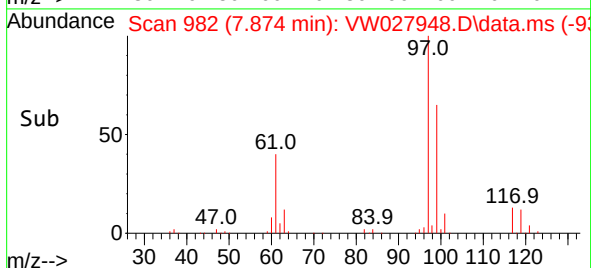
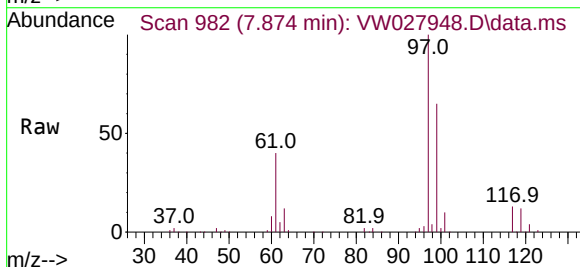


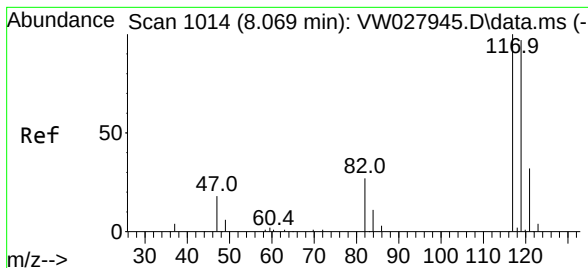
Tgt Ion: 56 Resp: 111678
Ion Ratio Lower Upper
56 100
69 32.7 26.3 39.5
84 103.1 81.6 122.4



#30
1,1,1-Trichloroethane
Concen: 25.034 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

Tgt Ion: 97 Resp: 121380
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 40.1 32.9 49.3

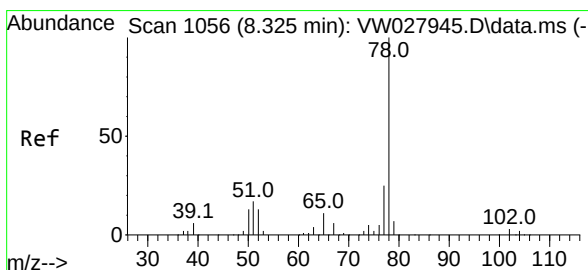
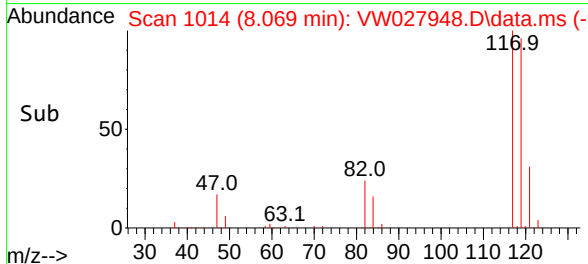
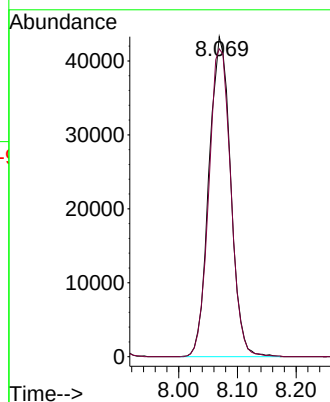
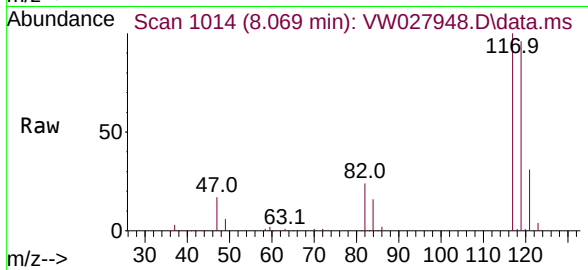




#31
Carbon tetrachloride
Concen: 24.700 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

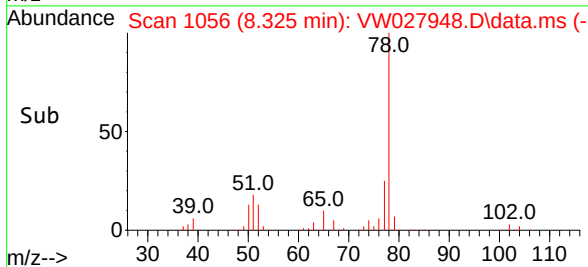
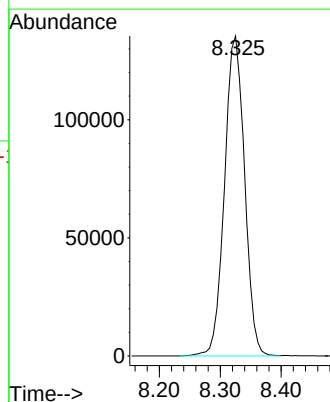
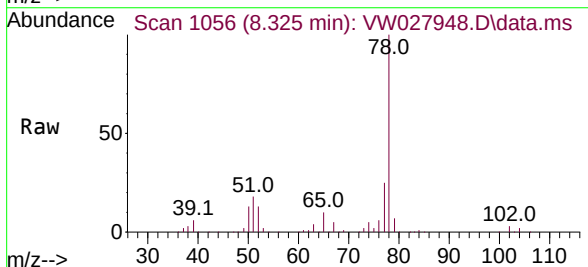
Instrument :
MSVOA_W
ClientSampleId :

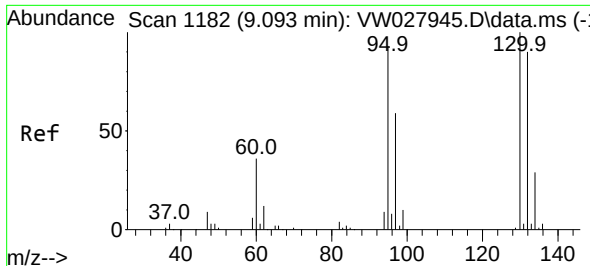
Tgt Ion:117 Resp: 110792
Ion Ratio Lower Upper
117 100
119 97.6 76.5 114.7



#33
Benzene
Concen: 24.698 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

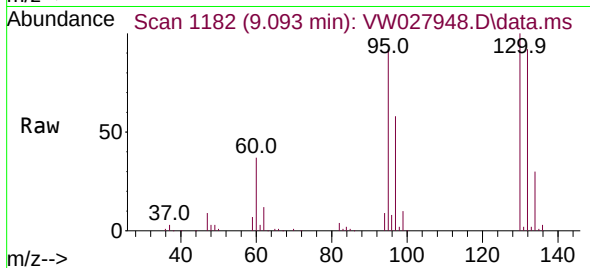
Tgt Ion: 78 Resp: 309832





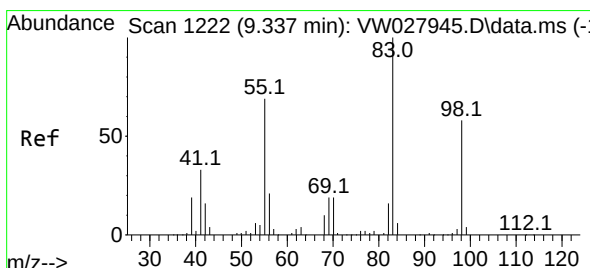
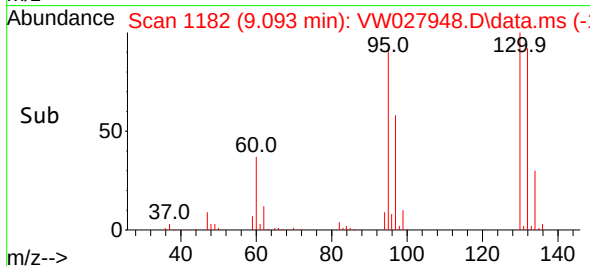
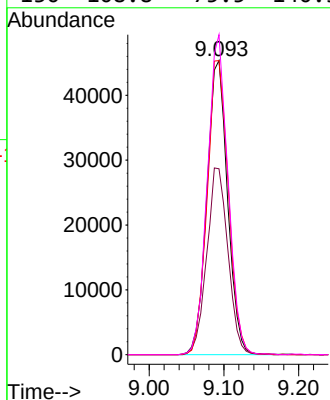
#34
Trichloroethene
Concen: 24.282 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 87448

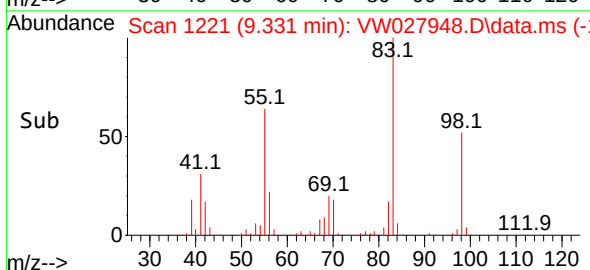
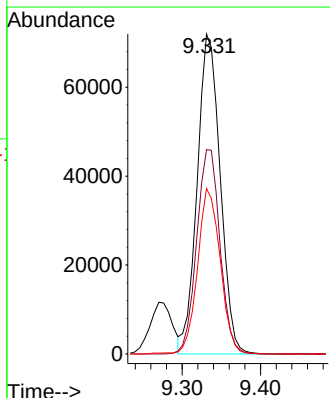
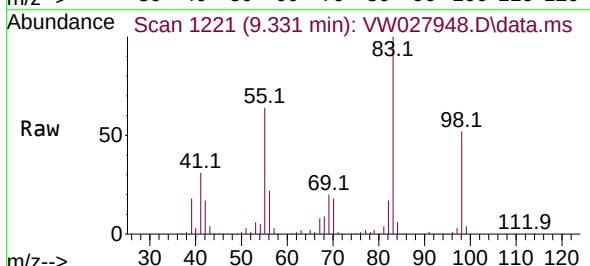
Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.3	82.3
132	99.9	68.0	126.2
130	108.8	75.5	140.3

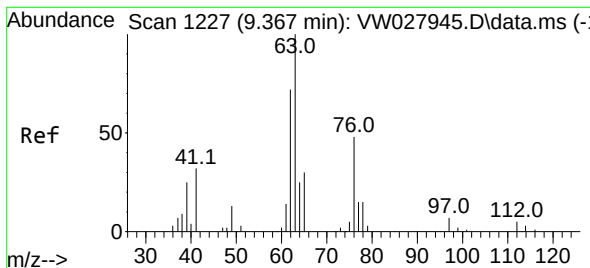


#35
Methylcyclohexane
Concen: 24.809 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

Tgt Ion: 83 Resp: 147023

Ion	Ratio	Lower	Upper
83	100		
55	64.5	52.3	78.5
98	50.8	41.9	62.9





#37

1,2-Dichloropropane

Concen: 25.168 ug/L

RT: 9.368 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027948.D

Acq: 05 Feb 2024 12:22

Instrument :

MSVOA_W

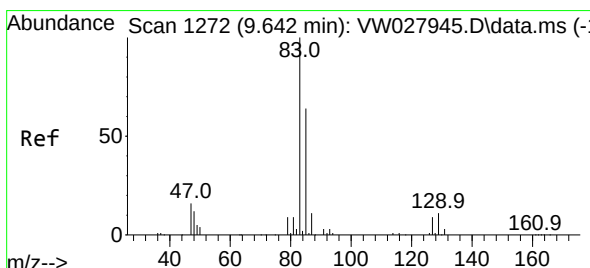
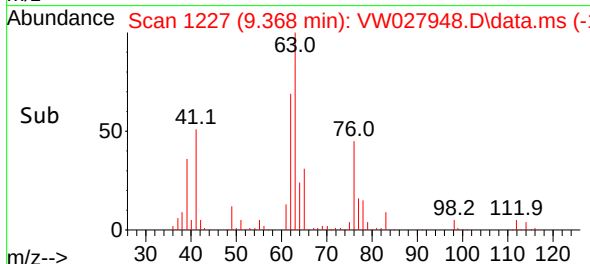
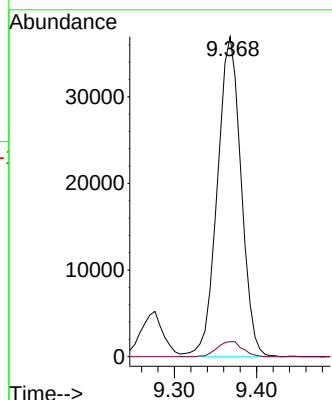
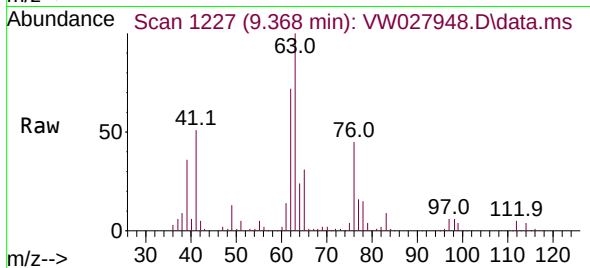
ClientSampleId :

Tgt Ion: 63 Resp: 74193

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.2



#38

Bromodichloromethane

Concen: 25.550 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027948.D

Acq: 05 Feb 2024 12:22

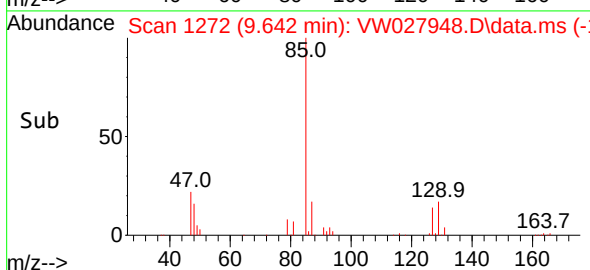
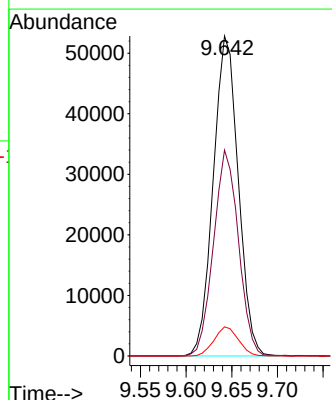
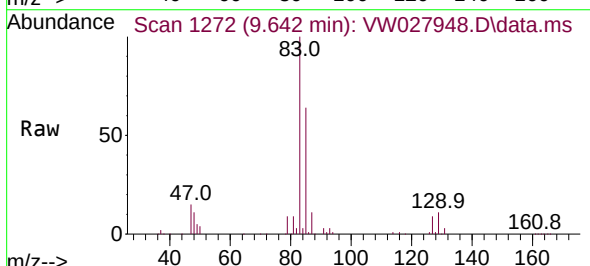
Tgt Ion: 83 Resp: 100537

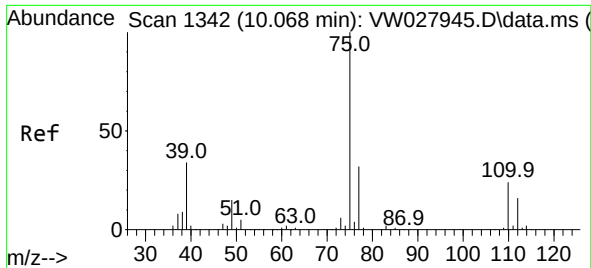
Ion Ratio Lower Upper

83 100

85 64.4 44.7 83.1

127 9.1 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 25.672 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027948.D

Acq: 05 Feb 2024 12:22

Instrument :

MSVOA_W

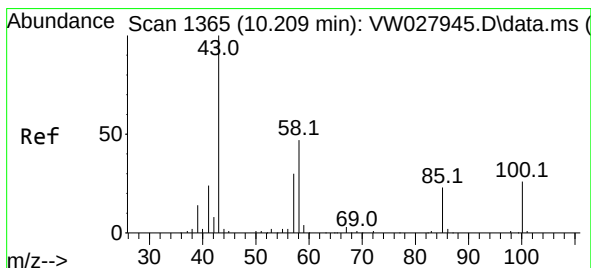
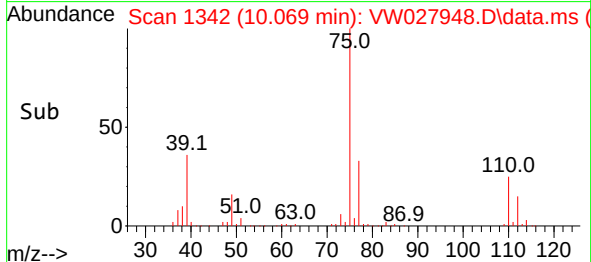
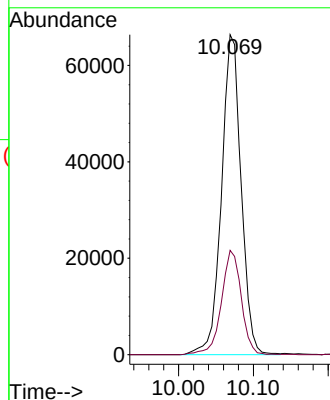
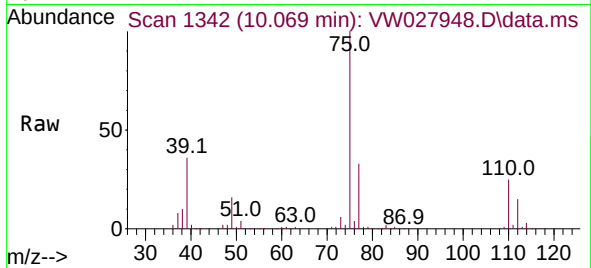
ClientSampleId :

Tgt Ion: 75 Resp: 121302

Ion Ratio Lower Upper

75 100

77 32.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 60.864 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027948.D

Acq: 05 Feb 2024 12:22

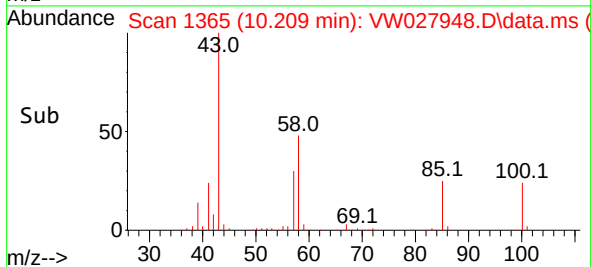
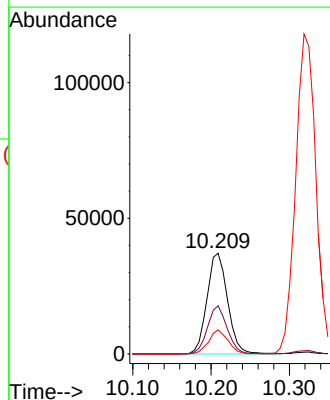
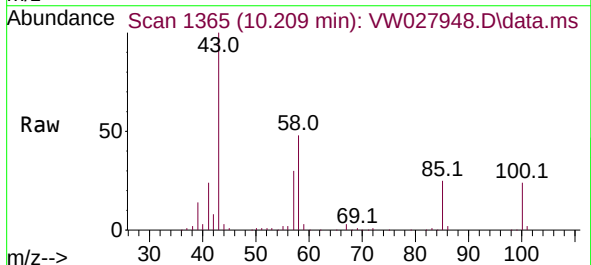
Tgt Ion: 43 Resp: 67720

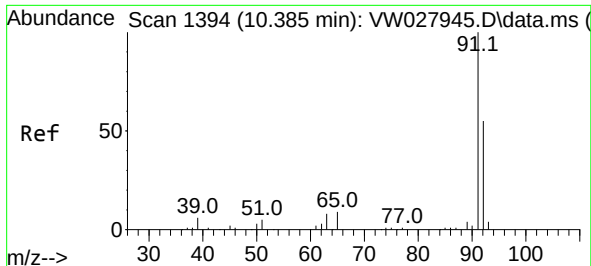
Ion Ratio Lower Upper

43 100

58 45.8 36.7 55.1

100 22.6 18.4 27.6





#42

Toluene

Concen: 24.924 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW027948.D

Acq: 05 Feb 2024 12:22

Instrument :

MSVOA_W

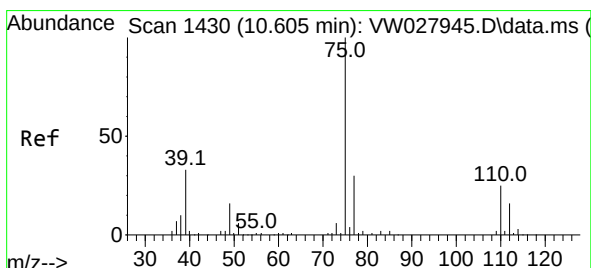
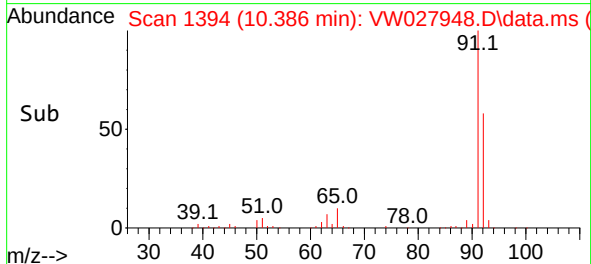
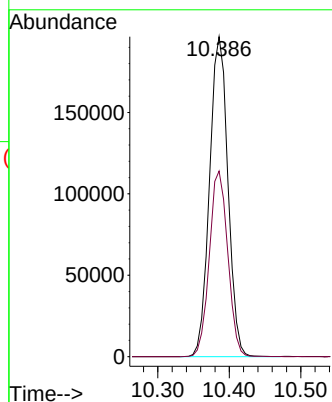
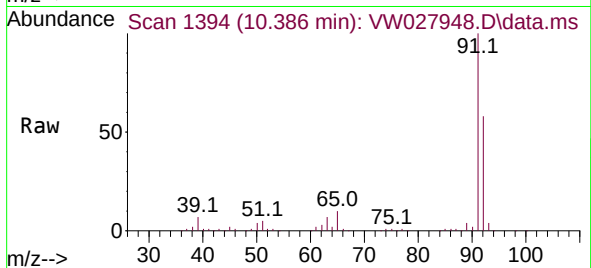
ClientSampleId :

Tgt Ion: 91 Resp: 350561

Ion Ratio Lower Upper

91 100

92 58.0 38.8 72.0



#44

trans-1,3-Dichloropropene

Concen: 26.226 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027948.D

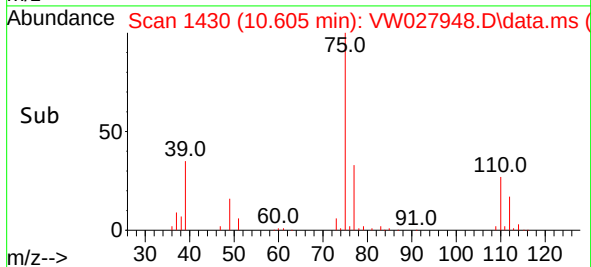
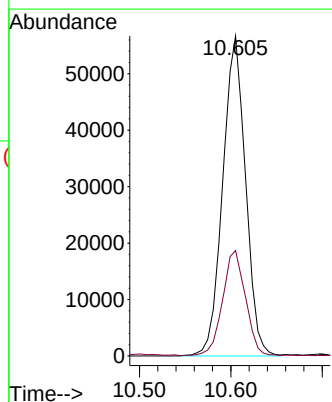
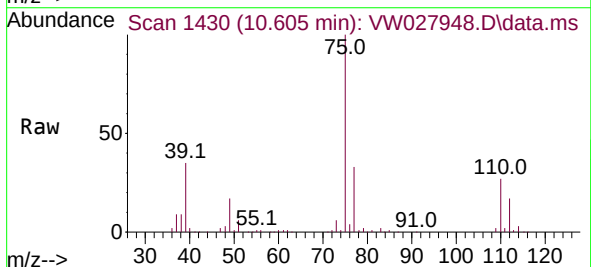
Acq: 05 Feb 2024 12:22

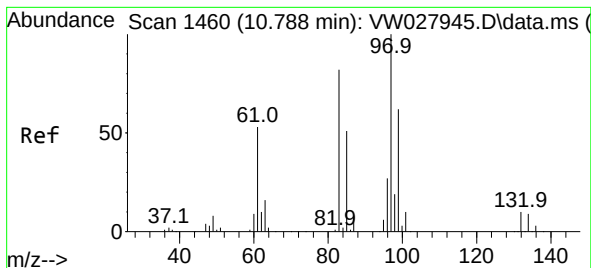
Tgt Ion: 75 Resp: 98353

Ion Ratio Lower Upper

75 100

77 33.0 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 26.243 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW027948.D

Acq: 05 Feb 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 61233

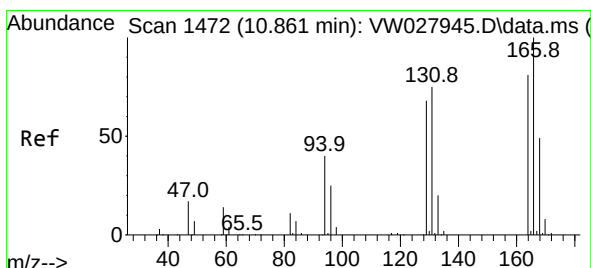
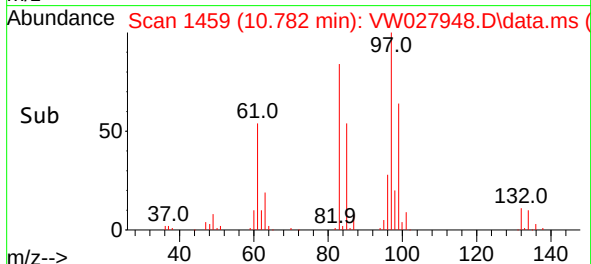
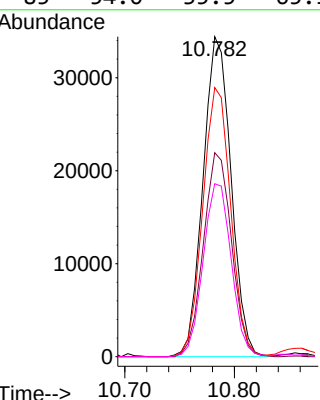
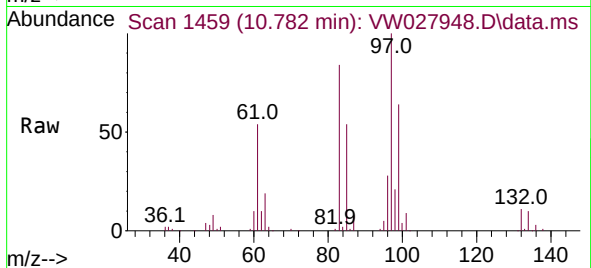
Ion Ratio Lower Upper

97 100

99 63.8 43.3 80.5

83 84.1 57.2 106.2

85 54.0 35.5 65.9



#46

Tetrachloroethene

Concen: 24.200 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027948.D

Acq: 05 Feb 2024 12:22

Tgt Ion:164 Resp: 73331

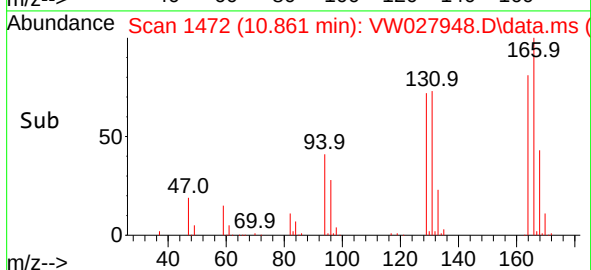
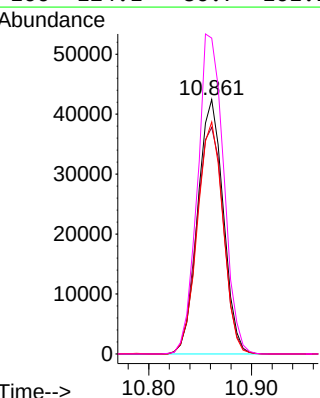
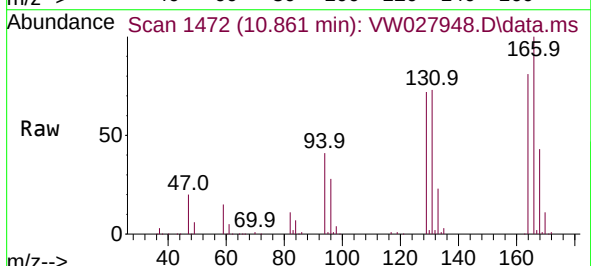
Ion Ratio Lower Upper

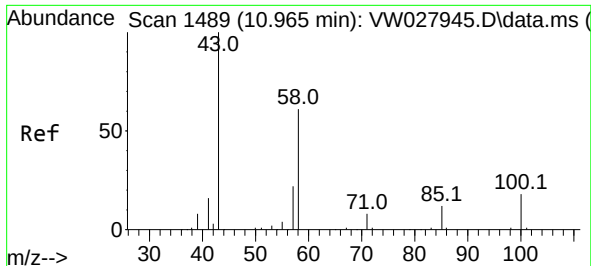
164 100

129 89.0 59.4 110.2

131 91.2 65.0 120.6

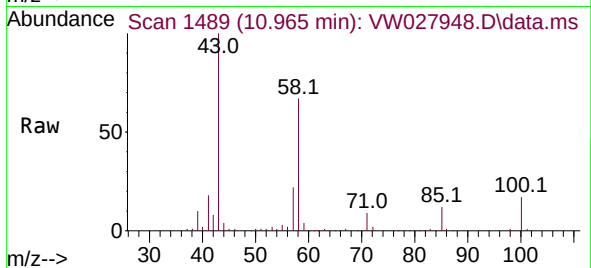
166 124.1 86.7 161.1



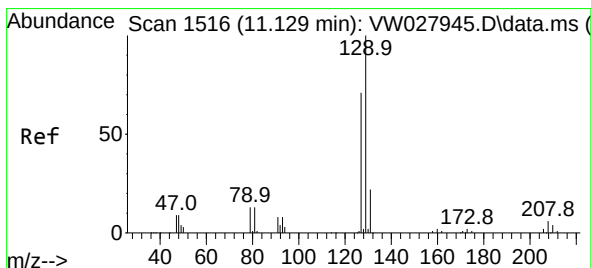
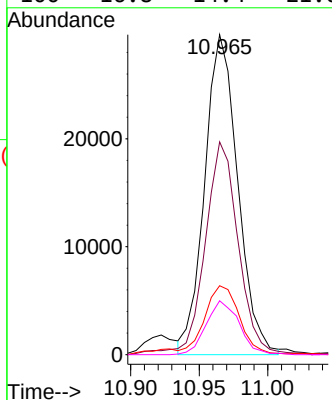
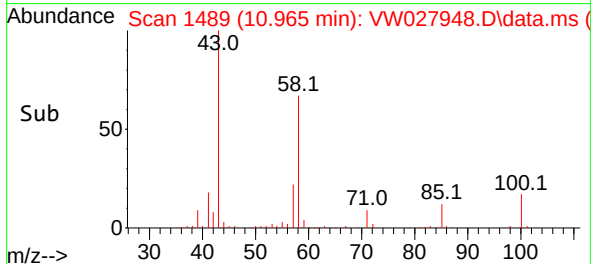


#48
2-Hexanone
Concen: 59.180 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

Instrument :
MSVOA_W
ClientSampleId :

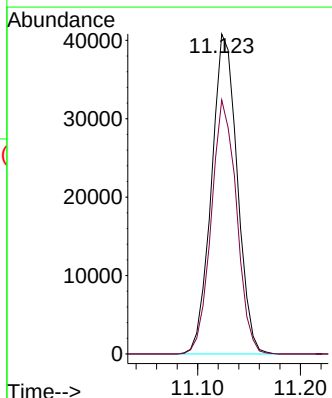
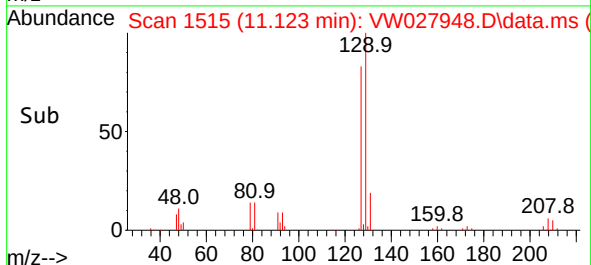
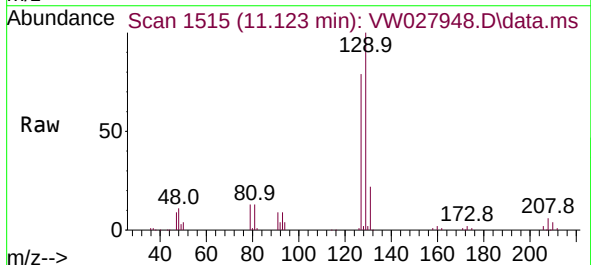


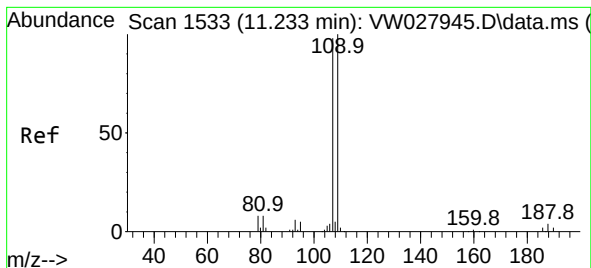
Tgt Ion:	43	Resp:	49874
Ion	Ratio	Lower	Upper
43	100		
58	66.8	51.4	77.2
57	22.0	17.4	26.2
100	16.8	14.4	21.6



#49
Dibromochloromethane
Concen: 26.691 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

Tgt Ion:	129	Resp:	71001
Ion	Ratio	Lower	Upper
129	100		
127	79.4	49.6	92.0





#50

1,2-Dibromoethane

Concen: 27.331 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027948.D

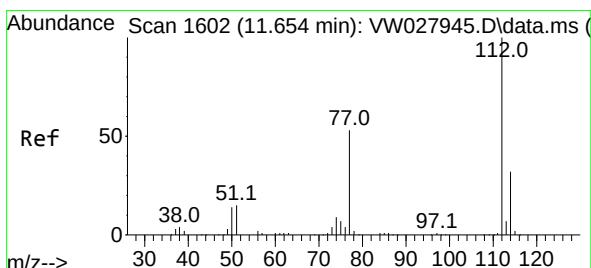
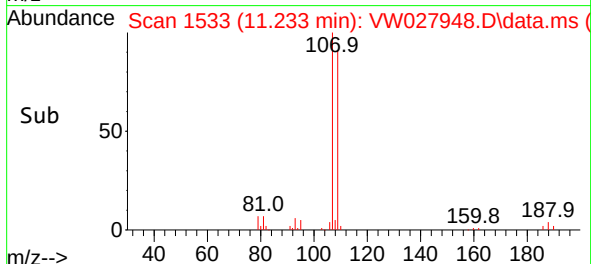
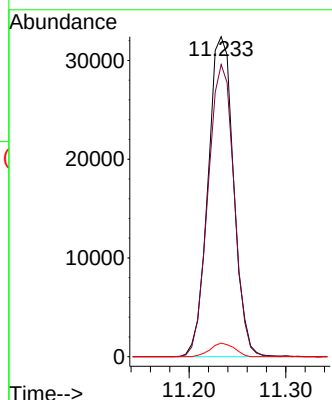
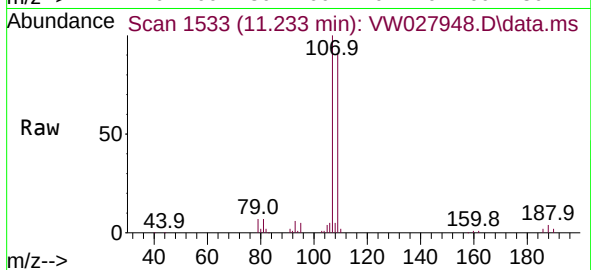
Acq: 05 Feb 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	59526
Ion Ratio	Lower	Upper
107	100	
109	91.3	71.2 132.2
188	4.3	3.1 4.7



#51

Chlorobenzene

Concen: 24.823 ug/L

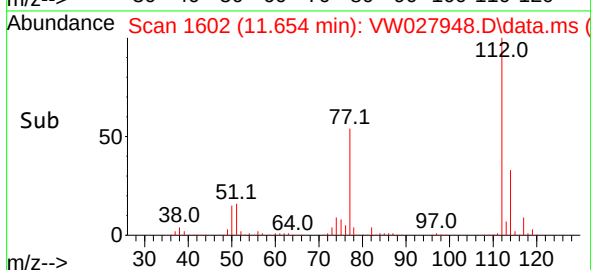
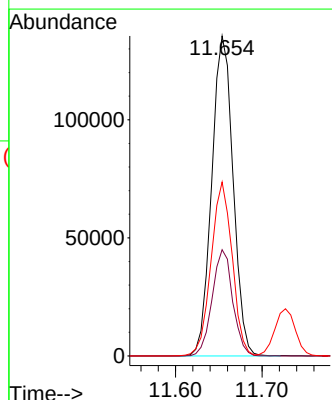
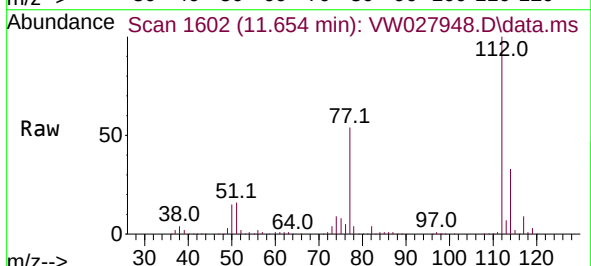
RT: 11.654 min Scan# 1602

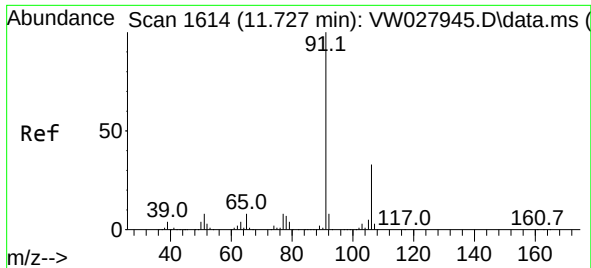
Delta R.T. 0.000 min

Lab File: VW027948.D

Acq: 05 Feb 2024 12:22

Tgt Ion:112	Resp:	232224
Ion Ratio	Lower	Upper
112	100	
114	33.2	22.7 42.3
77	54.4	42.6 64.0

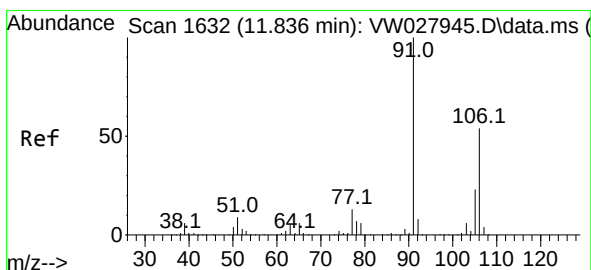
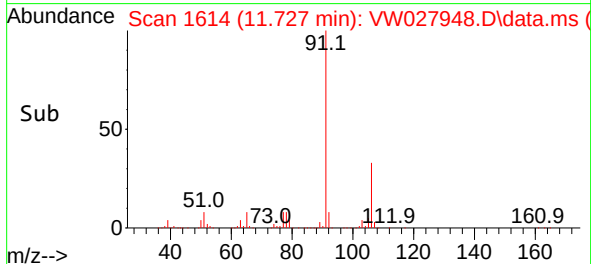
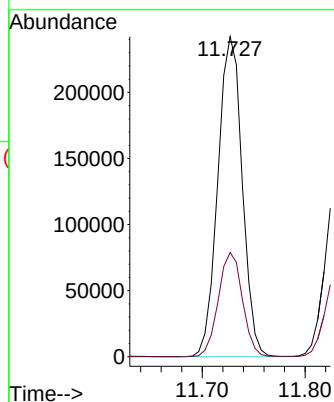
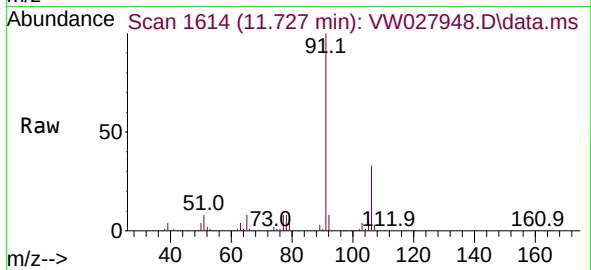




#52
Ethylbenzene
Concen: 25.132 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

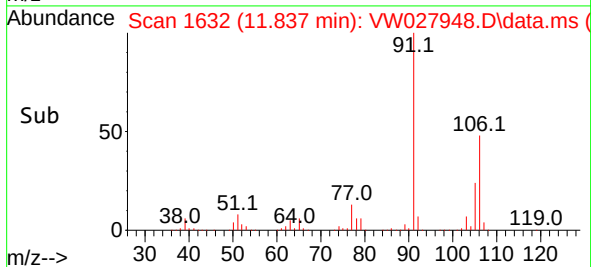
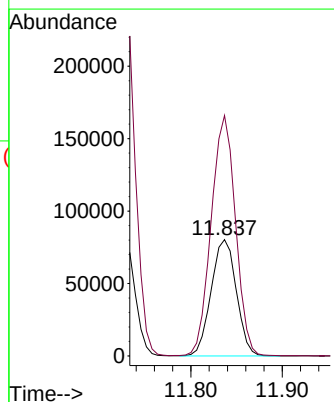
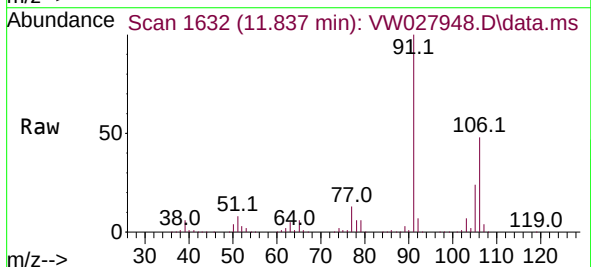
Instrument :
MSVOA_W
ClientSampleId :

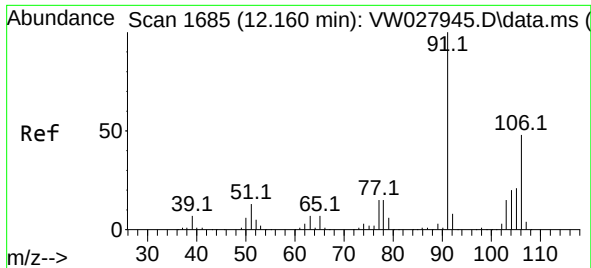
Tgt Ion: 91 Resp: 398548
Ion Ratio Lower Upper
91 100
106 32.5 22.8 42.4



#53
m,p-Xylene
Concen: 24.732 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

Tgt Ion:106 Resp: 153819
Ion Ratio Lower Upper
106 100
91 206.8 130.0 241.4

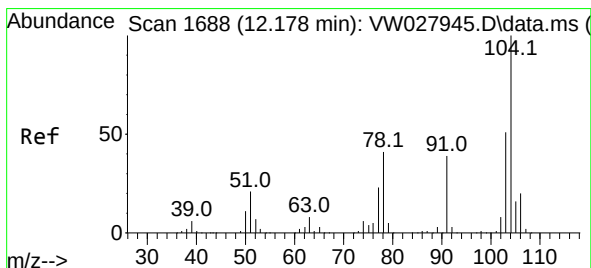
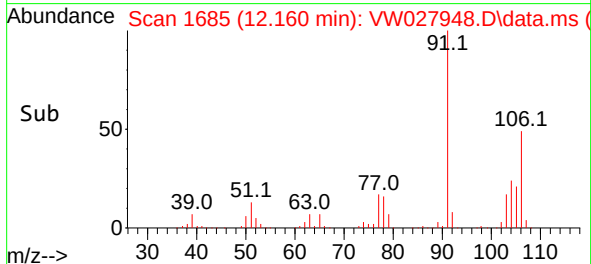
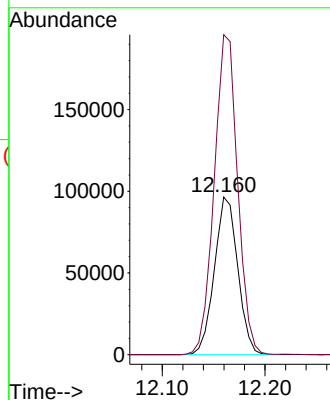
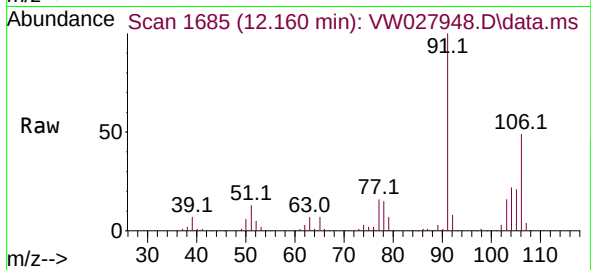




#54
o-Xylene
Concen: 26.090 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

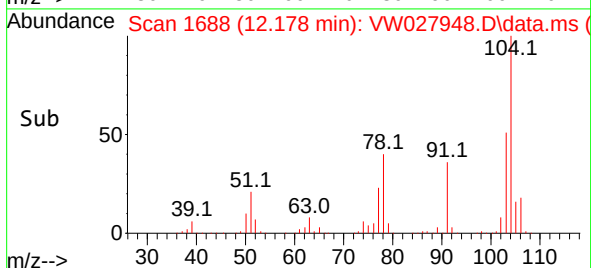
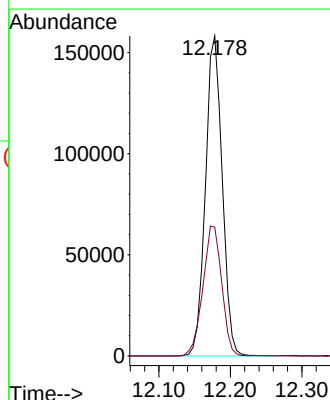
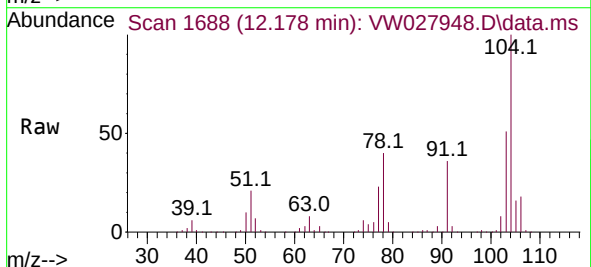
Instrument :
MSVOA_W
ClientSampleId :

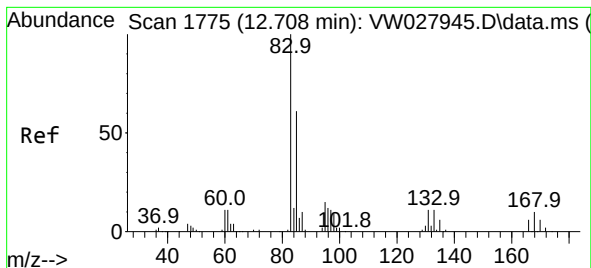
Tgt Ion:106 Resp: 152185
Ion Ratio Lower Upper
106 100
91 203.1 146.4 272.0



#55
Styrene
Concen: 26.552 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

Tgt Ion:104 Resp: 257966
Ion Ratio Lower Upper
104 100
78 40.3 28.3 52.7

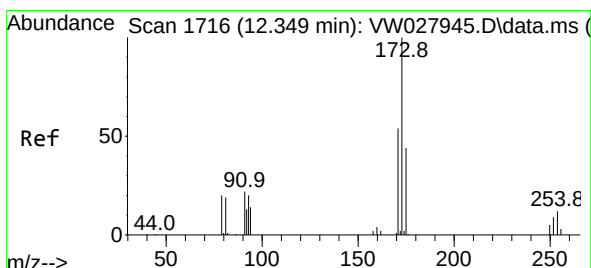
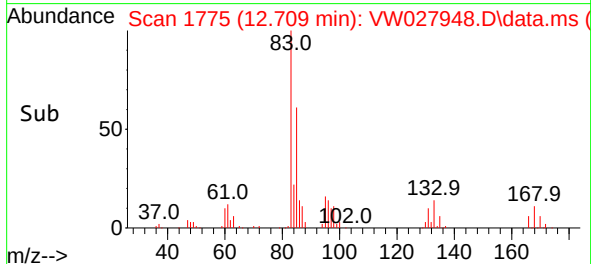
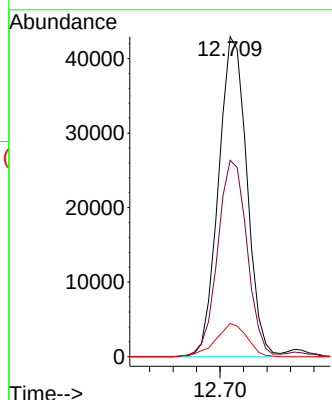
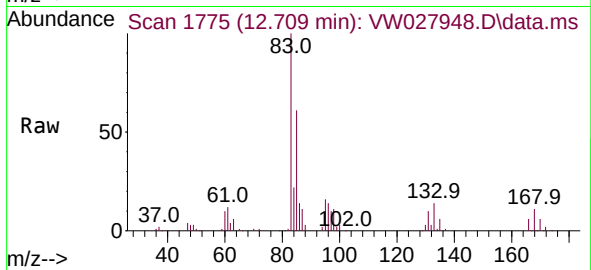




#57
1,1,2,2-Tetrachloroethane
Concen: 28.823 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

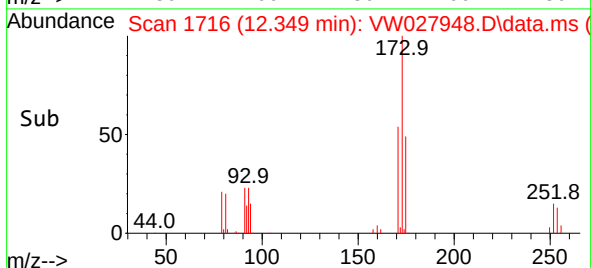
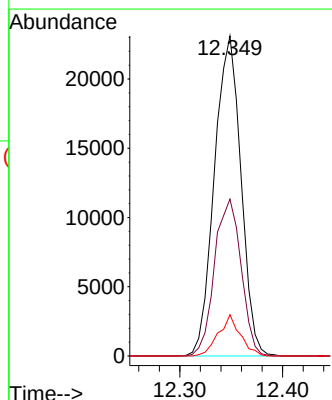
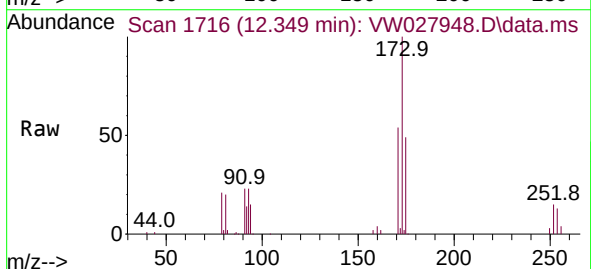
Instrument :
MSVOA_W
ClientSampleId :

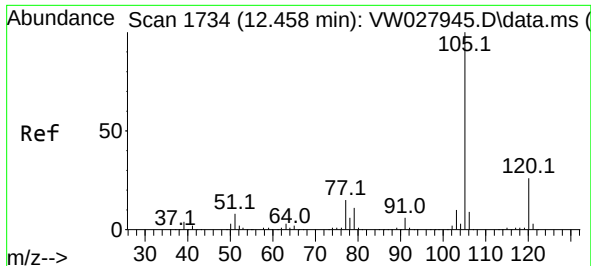
Tgt Ion: 83 Resp: 72018
Ion Ratio Lower Upper
83 100
85 61.4 42.9 79.7
131 10.4 8.7 13.1



#59
Bromoform
Concen: 26.542 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

Tgt Ion: 173 Resp: 41418
Ion Ratio Lower Upper
173 100
175 49.0 37.8 56.8
254 10.6 8.4 12.6

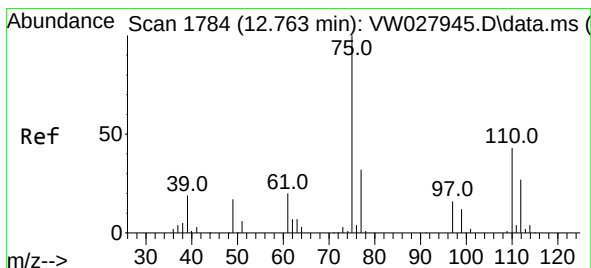
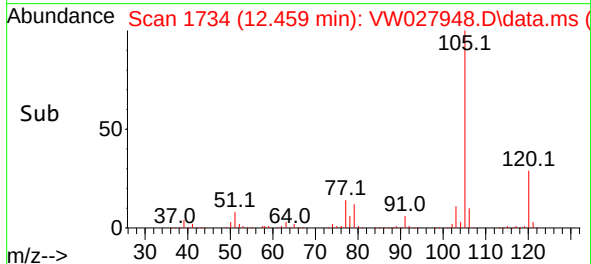
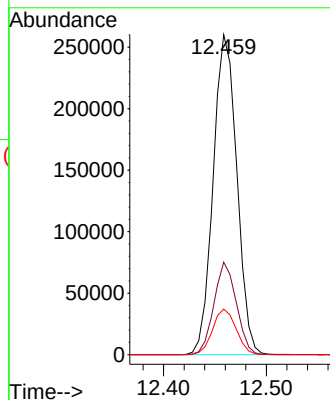
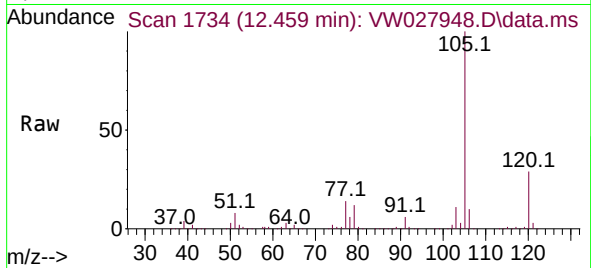




#60
Isopropylbenzene
Concen: 25.234 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

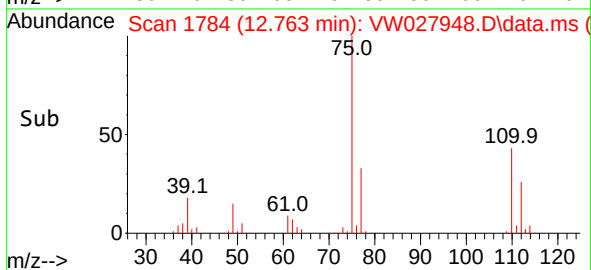
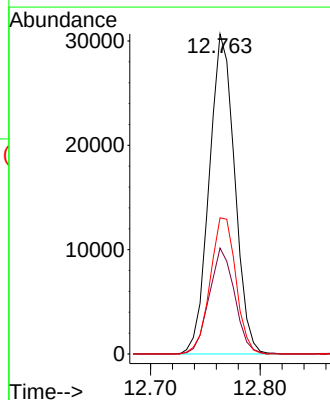
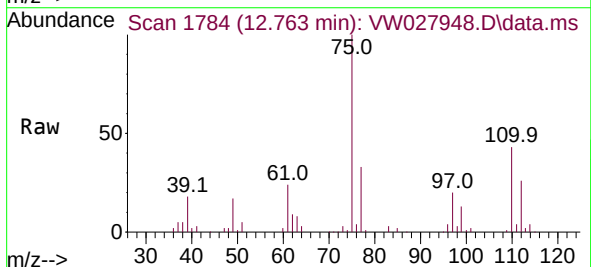
Instrument :
MSVOA_W
ClientSampleId :

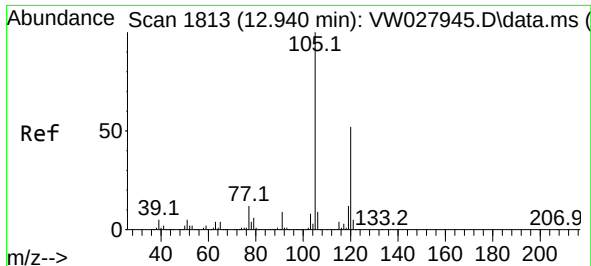
Tgt Ion:105 Resp: 416554
Ion Ratio Lower Upper
105 100
120 27.3 22.2 33.2
77 14.2 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 28.071 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

Tgt Ion: 75 Resp: 49528
Ion Ratio Lower Upper
75 100
77 32.9 26.5 39.7
110 42.9 35.8 53.8





#62

1,3,5-Trimethylbenzene

Concen: 25.419 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027948.D

Acq: 05 Feb 2024 12:22

Instrument :

MSVOA_W

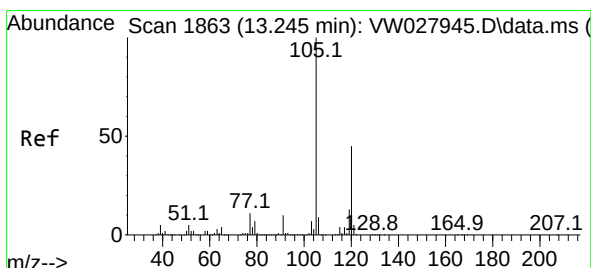
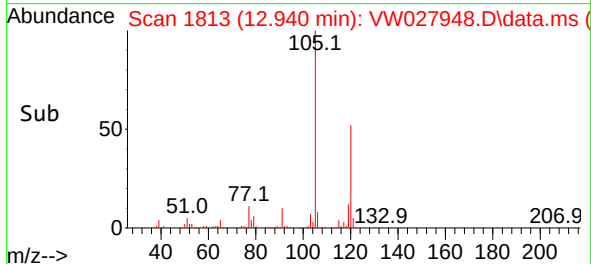
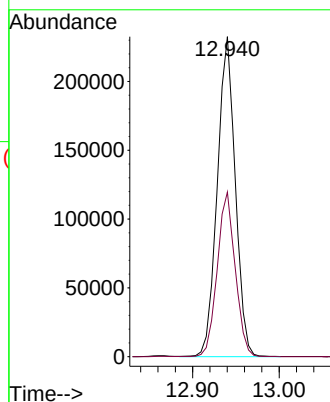
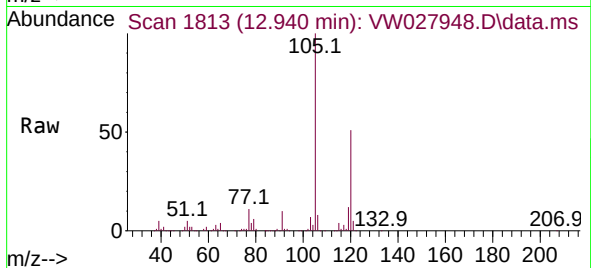
ClientSampleId :

Tgt Ion:105 Resp: 335783

Ion Ratio Lower Upper

105 100

120 51.3 40.3 60.5



#63

1,2,4-Trimethylbenzene

Concen: 25.732 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027948.D

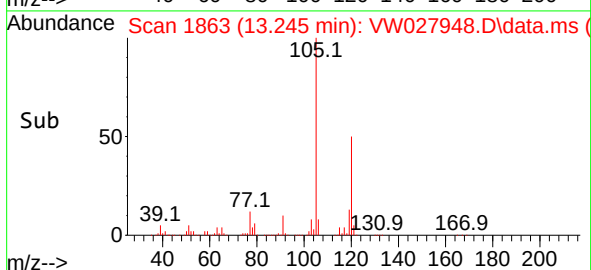
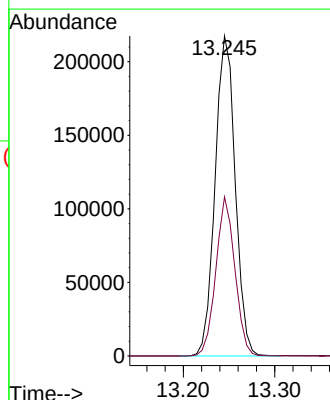
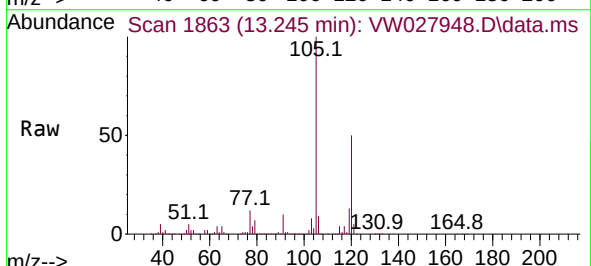
Acq: 05 Feb 2024 12:22

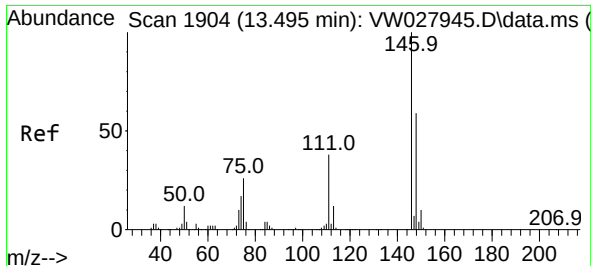
Tgt Ion:105 Resp: 332626

Ion Ratio Lower Upper

105 100

120 47.1 36.4 54.6

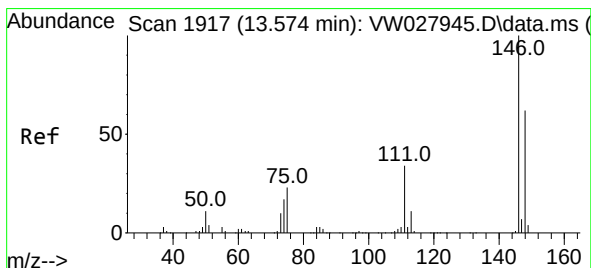
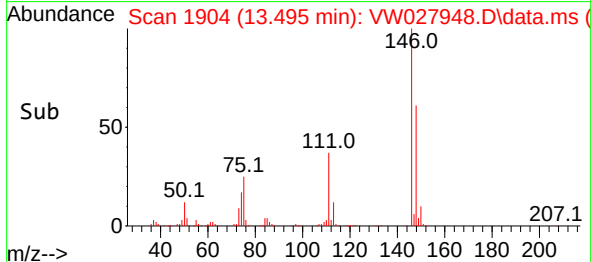
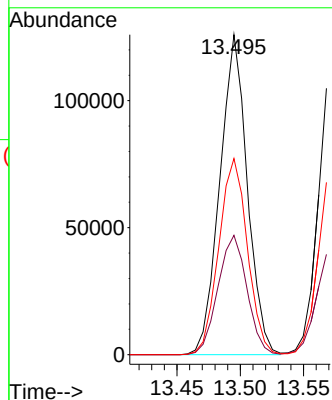
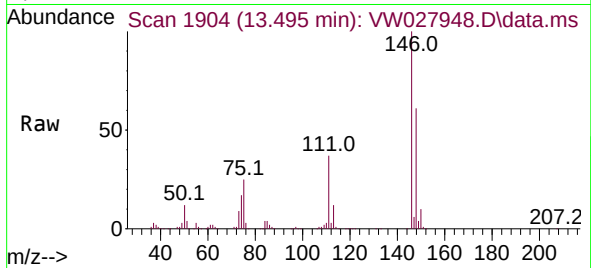




#64
1,3-Dichlorobenzene
Concen: 25.086 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

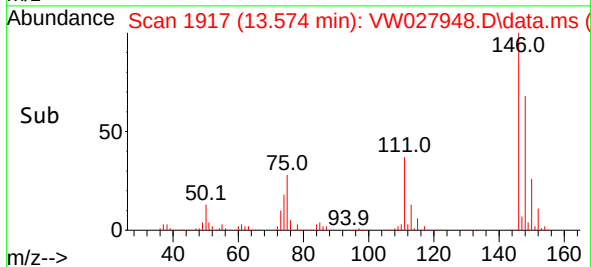
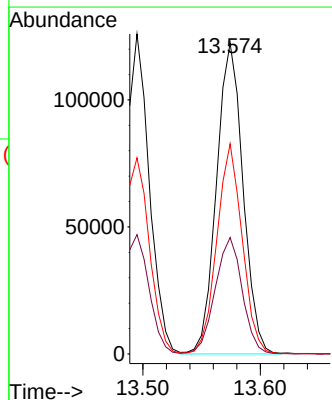
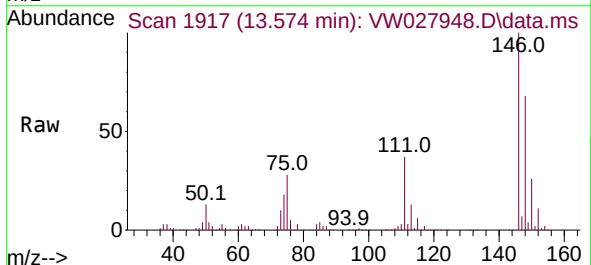
Instrument :
MSVOA_W
ClientSampleId :

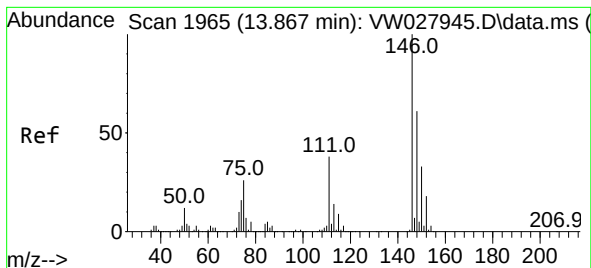
Tgt Ion:146 Resp: 190232
Ion Ratio Lower Upper
146 100
111 37.3 26.9 49.9
148 61.3 41.2 76.6



#65
1,4-Dichlorobenzene
Concen: 24.903 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

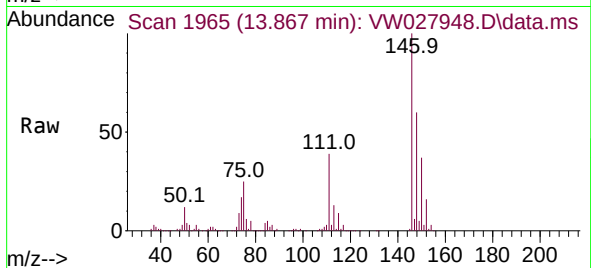
Tgt Ion:146 Resp: 192005
Ion Ratio Lower Upper
146 100
111 37.5 24.1 44.8
148 67.6 43.6 81.0



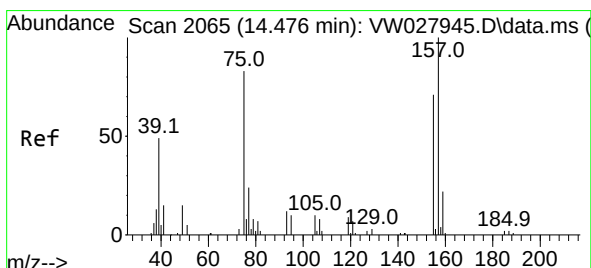
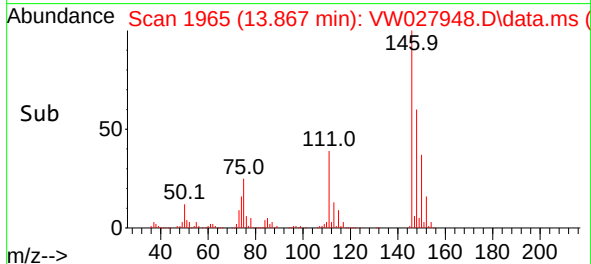
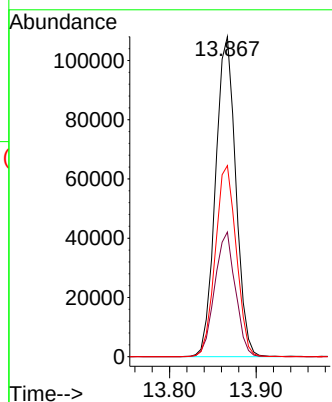


#67
1,2-Dichlorobenzene
Concen: 26.228 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

Instrument :
MSVOA_W
ClientSampleId :

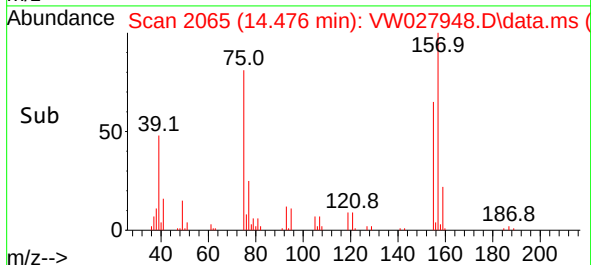
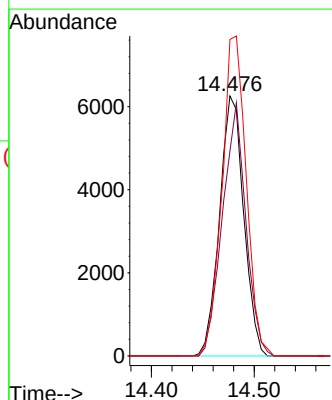
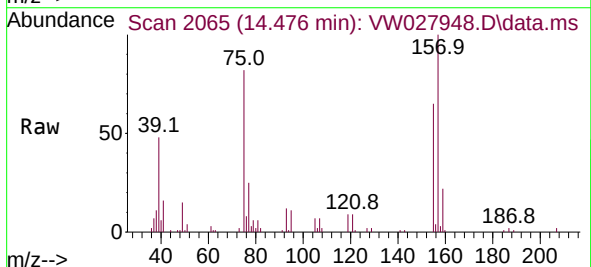


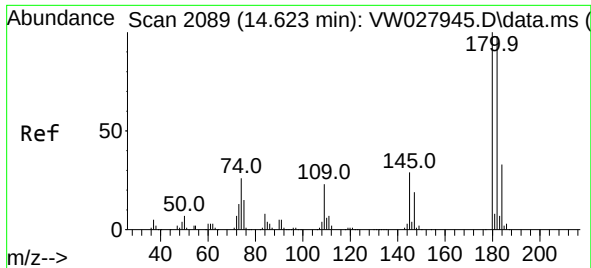
Tgt Ion:146 Resp: 175666
Ion Ratio Lower Upper
146 100
111 39.0 30.6 46.0
148 59.7 48.6 72.8



#68
1,2-Dibromo-3-chloropropane
Concen: 29.140 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW027948.D
Acq: 05 Feb 2024 12:22

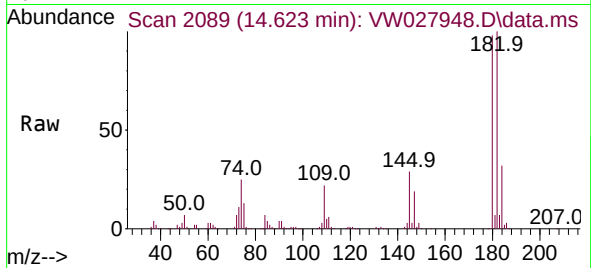
Tgt Ion: 75 Resp: 10208
Ion Ratio Lower Upper
75 100
155 78.8 68.7 103.1
157 121.7 96.7 145.1



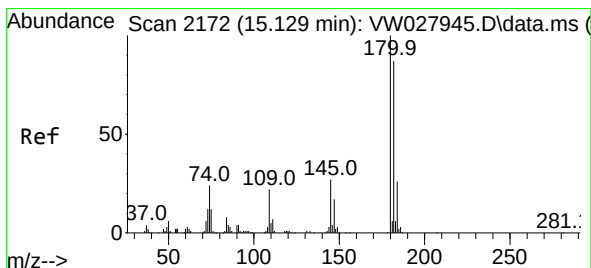
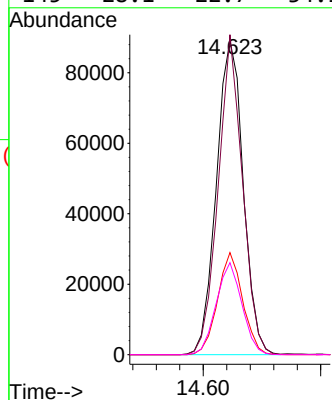
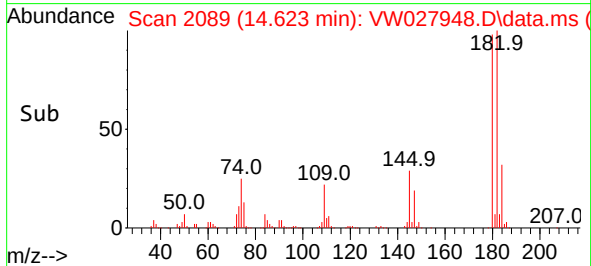


#69
 1,3,5-Trichlorobenzene
 Concen: 25.983 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW027948.D
 Acq: 05 Feb 2024 12:22

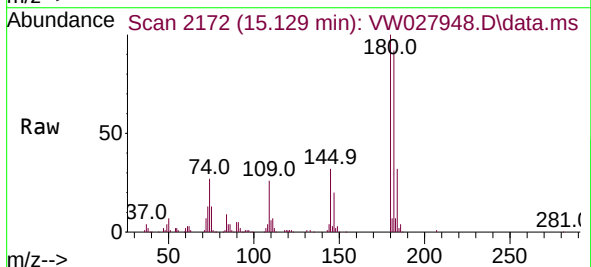
Instrument :
 MSVOA_W
 ClientSampleId :



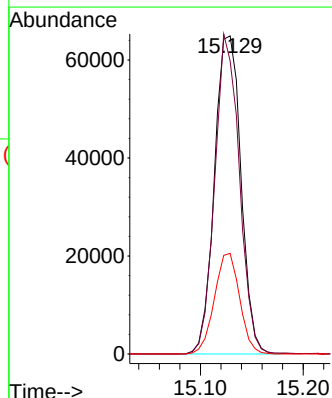
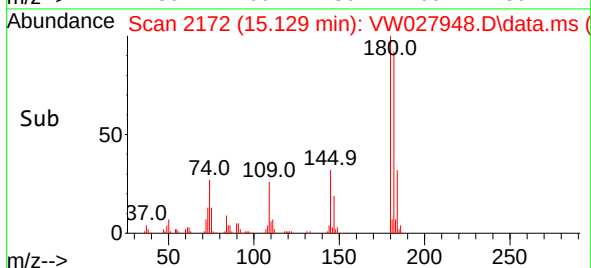
Tgt Ion:180 Resp: 141484
 Ion Ratio Lower Upper
 180 100
 182 91.9 72.1 108.1
 184 30.4 24.4 36.6
 145 28.1 22.7 34.1

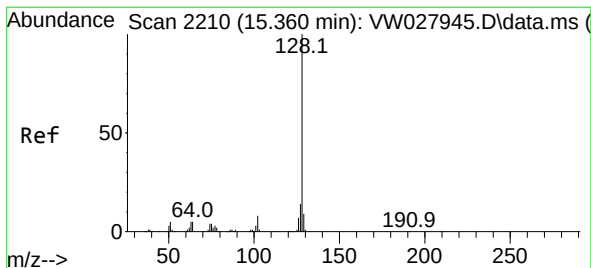


#70
 1,2,4-trichlorobenzene
 Concen: 26.366 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW027948.D
 Acq: 05 Feb 2024 12:22



Tgt Ion:180 Resp: 115935
 Ion Ratio Lower Upper
 180 100
 182 93.3 77.0 115.6
 145 30.2 23.4 35.0





#71

Naphthalene

Concen: 29.589 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027948.D

Acq: 05 Feb 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :

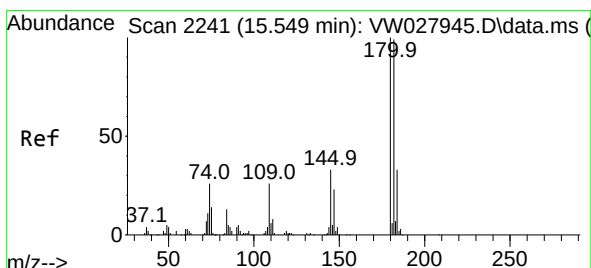
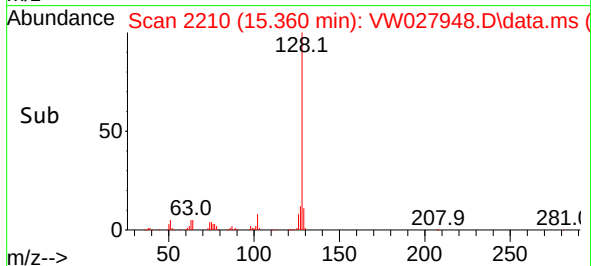
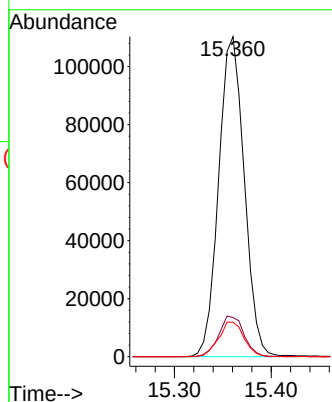
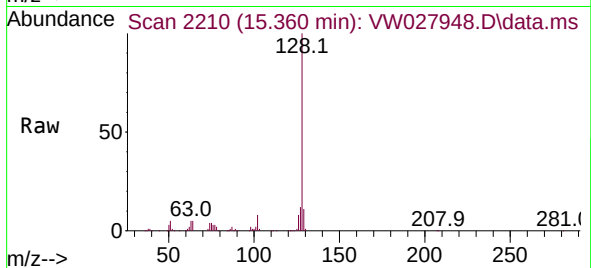
Tgt Ion:128 Resp: 202180

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.8 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 26.815 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027948.D

Acq: 05 Feb 2024 12:22

Tgt Ion:180 Resp: 98376

Ion Ratio Lower Upper

180 100

182 94.5 76.5 114.7

145 32.4 25.8 38.8

