

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061324\
 Data File : VW029119.D
 Acq On : 13 Jun 2024 12:07
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 14 05:18:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 13 00:47:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	249112	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	232715	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	118981	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	79028	19.969	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.880%
7) Chloroethane-d5	2.899	69	66994	22.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	4.027	65	34723	19.963	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.840%
21) 2-Butanone-d5	7.075	46	48892	60.467	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.940%
24) Chloroform-d	7.648	84	170526	23.994	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.960%
26) 1,2-Dichloroethane-d4	8.307	65	95448	25.510	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.040%
32) Benzene-d6	8.276	84	315792	22.109	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.440%
36) 1,2-Dichloropropane-d6	9.270	67	99076	22.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.520%
41) Toluene-d8	10.318	98	277058	21.737	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.960%
43) trans-1,3-Dichloroprop...	10.575	79	38859	23.351	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.400%
47) 2-Hexanone-d5	10.922	63	33295	58.259	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84269	28.010	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	93475	22.139	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	59917	21.063	ug/L	99
3) Chloromethane	2.222	50	81698	23.508	ug/L	99
5) Vinyl chloride	2.375	62	103307	24.558	ug/L	98
6) Bromomethane	2.789	94	62857	24.939	ug/L	98
8) Chloroethane	2.936	64	65298	25.703	ug/L	97
9) Trichlorofluoromethane	3.265	101	85652	24.494	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	83682	24.253	ug/L #	69
12) 1,1-Dichloroethene	4.045	96	78748	25.009	ug/L	93
13) Acetone	4.118	43	50866	60.029	ug/L	99
14) Carbon disulfide	4.393	76	250215	23.471	ug/L	100
15) Methyl Acetate	4.667	43	42501	30.199	ug/L	99
16) Methylene chloride	4.917	84	95383	25.512	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	86650	25.239	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	133474	27.880	ug/L	98
19) 1,1-Dichloroethane	6.216	63	177366	26.277	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	95408	26.508	ug/L	96
22) 2-Butanone	7.173	43	63835	62.518	ug/L	99
23) Bromochloromethane	7.514	128	40563	25.818	ug/L	98
25) Chloroform	7.679	83	179889	27.440	ug/L	98

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 Response via : Initial Calibration

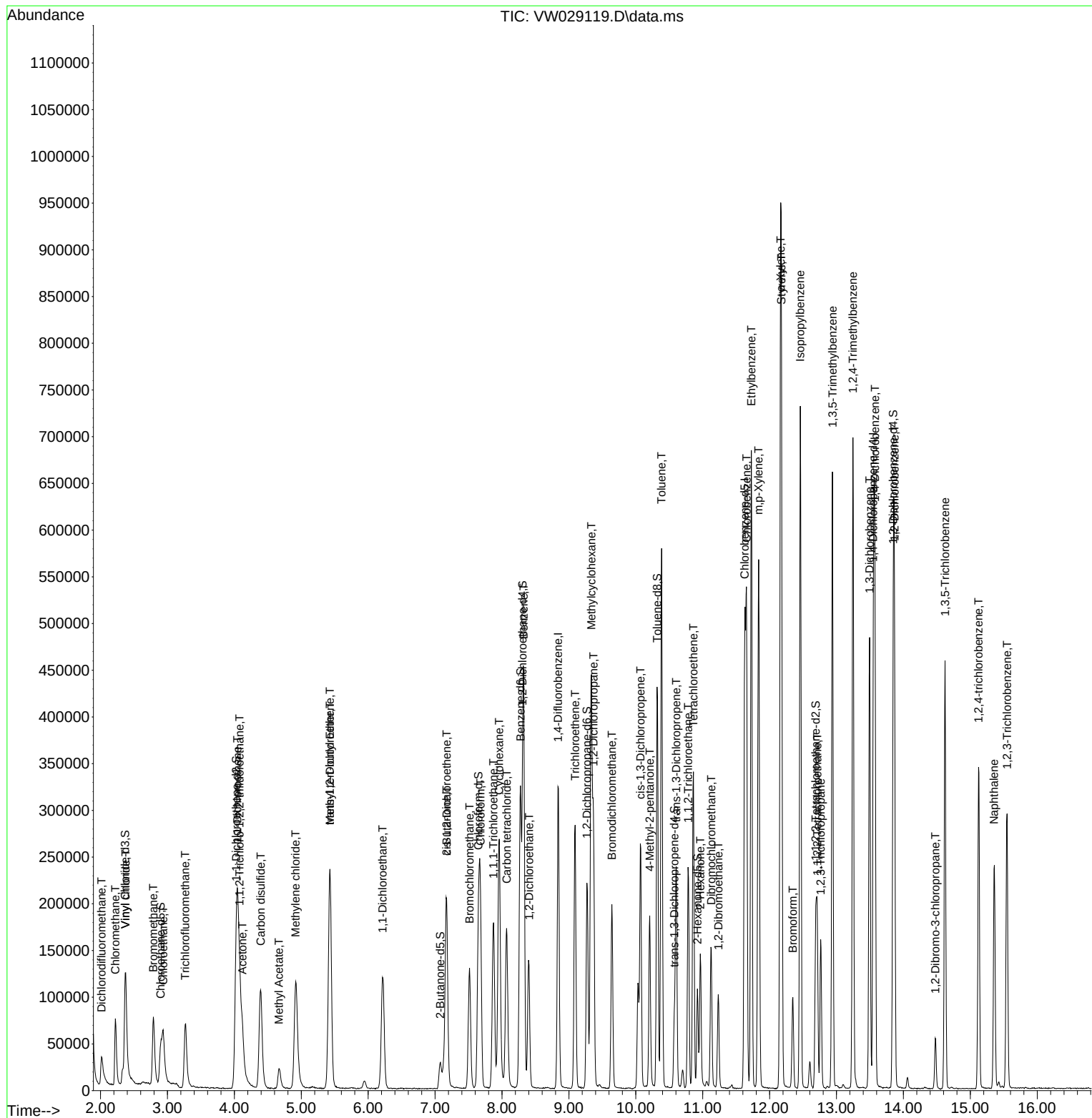
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	127141	28.940	ug/L	97
29) Cyclohexane	7.959	56	148357	25.641	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	140884	26.128	ug/L	98
31) Carbon tetrachloride	8.069	117	126550	25.767	ug/L	98
33) Benzene	8.325	78	377731	26.104	ug/L	100
34) Trichloroethene	9.093	95	97671	25.674	ug/L	92
35) Methylcyclohexane	9.337	83	164980	25.564	ug/L	99
37) 1,2-Dichloropropane	9.367	63	102688	27.100	ug/L	100
38) Bromodichloromethane	9.642	83	126583	27.391	ug/L #	95
39) cis-1,3-Dichloropropene	10.069	75	146668	26.634	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	124149	64.413	ug/L	97
42) Toluene	10.386	91	398846	26.981	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	126383	28.467	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	70325	27.480	ug/L	98
46) Tetrachloroethene	10.861	164	70294	24.321	ug/L	89
48) 2-Hexanone	10.965	43	91652	63.424	ug/L	98
49) Dibromochloromethane	11.129	129	76624	28.347	ug/L	96
50) 1,2-Dibromoethane	11.233	107	64670	27.682	ug/L	98
51) Chlorobenzene	11.654	112	245716	25.876	ug/L	98
52) Ethylbenzene	11.727	91	451732	26.896	ug/L	99
53) m,p-Xylene	11.836	106	167827	26.978	ug/L	97
54) o-Xylene	12.166	106	154914	26.894	ug/L	96
55) Styrene	12.178	104	274862	27.677	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	86040	29.782	ug/L	99
59) Bromoform	12.349	173	41395	27.056	ug/L	98
60) Isopropylbenzene	12.458	105	438159	26.021	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63643	28.357	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	324594	26.504	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	353214	27.290	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	175924	24.312	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	188352	24.922	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	169939	26.202	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	13791	28.830	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	126409	25.443	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	101085	25.103	ug/L	98
71) Naphthalene	15.354	128	198286	28.901	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	88214	25.641	ug/L	98

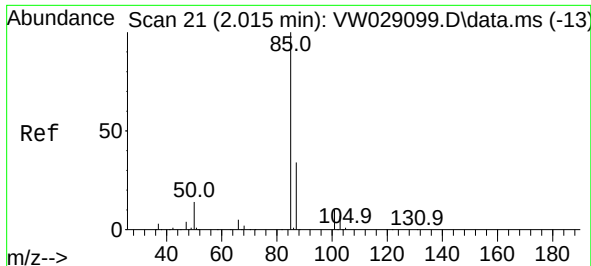
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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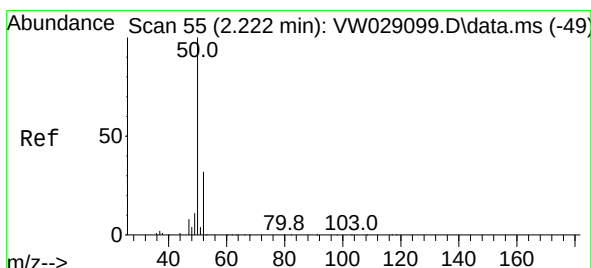
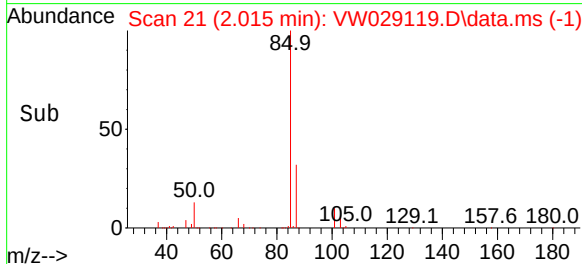
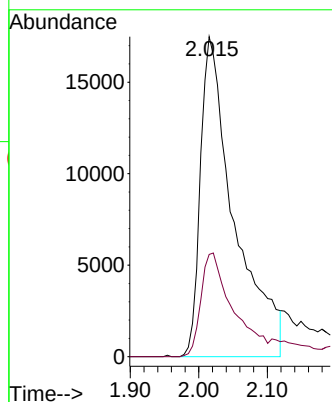
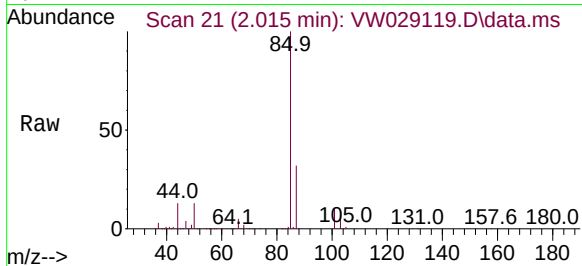




#2
Dichlorodifluoromethane
Concen: 21.063 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

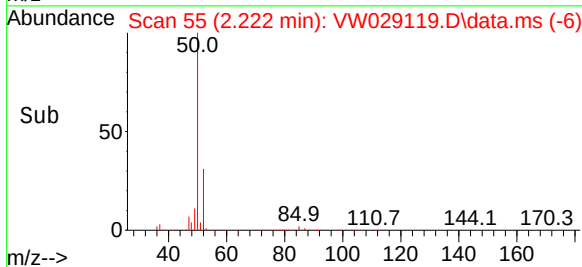
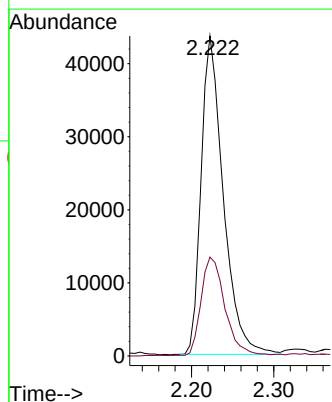
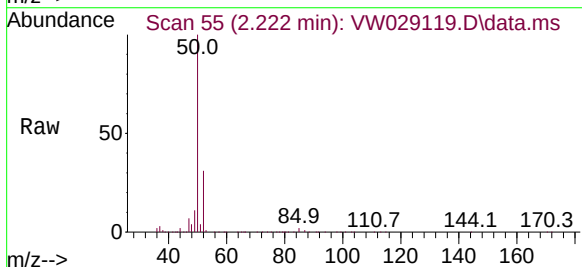
Instrument :
MSVOA_W
ClientSampleId :

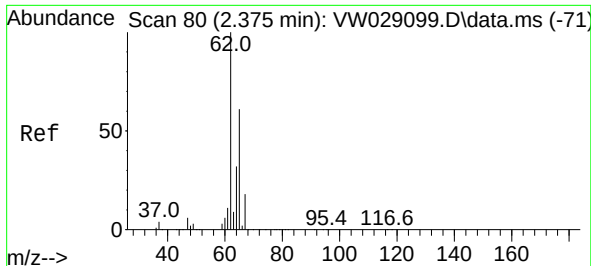
Tgt Ion: 85 Resp: 59917
Ion Ratio Lower Upper
85 100
87 30.9 25.3 37.9



#3
Chloromethane
Concen: 23.508 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

Tgt Ion: 50 Resp: 81698
Ion Ratio Lower Upper
50 100
52 30.9 22.1 41.1

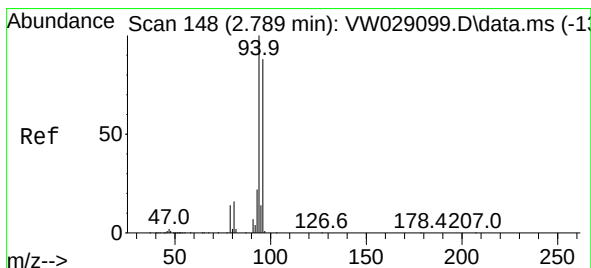
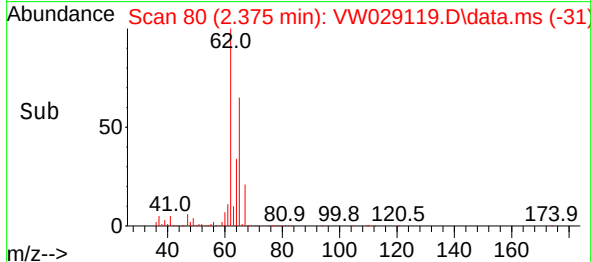
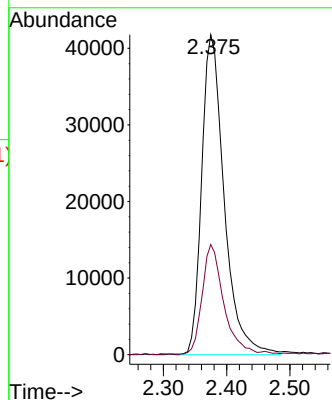
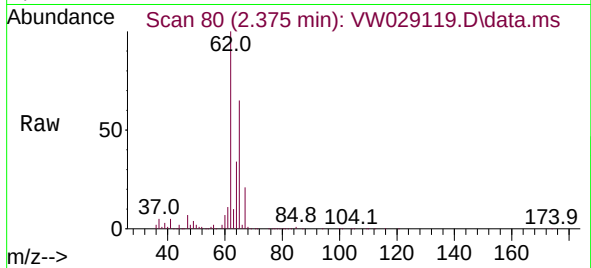




#5
 Vinyl chloride
 Concen: 24.558 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029119.D
 Acq: 13 Jun 2024 12:07

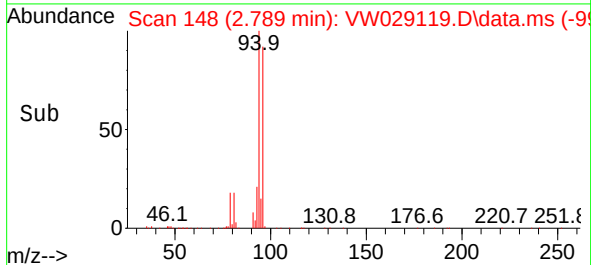
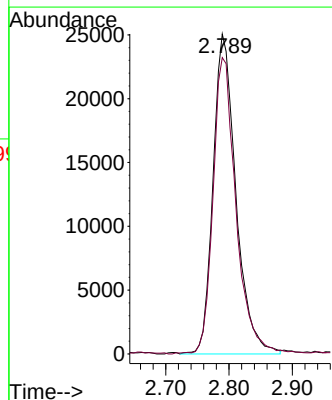
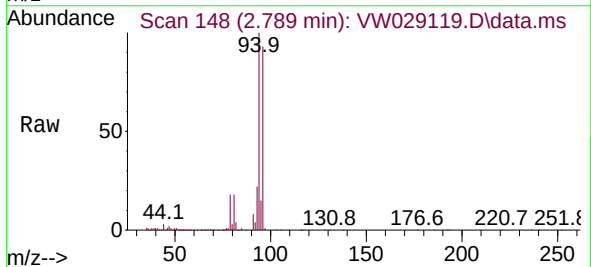
Instrument :
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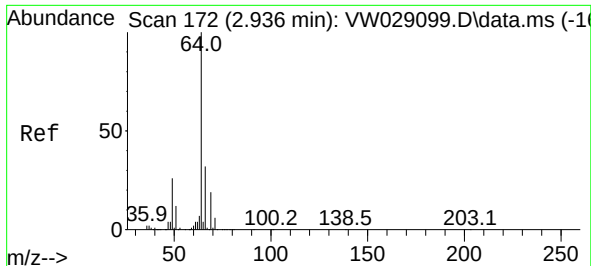
Tgt Ion: 62 Resp: 103307
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.4 43.4



#6
 Bromomethane
 Concen: 24.939 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029119.D
 Acq: 13 Jun 2024 12:07

Tgt Ion: 94 Resp: 62857
 Ion Ratio Lower Upper
 94 100
 96 92.6 63.7 118.3

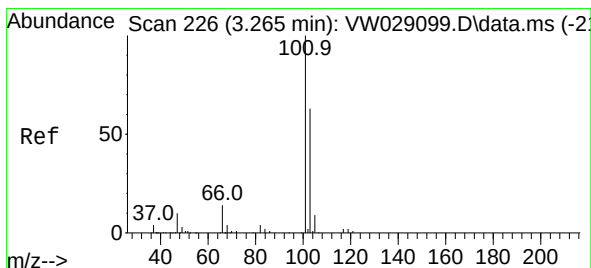
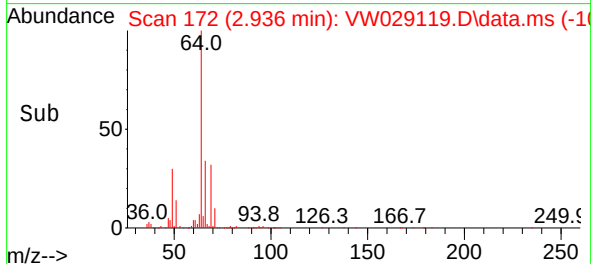
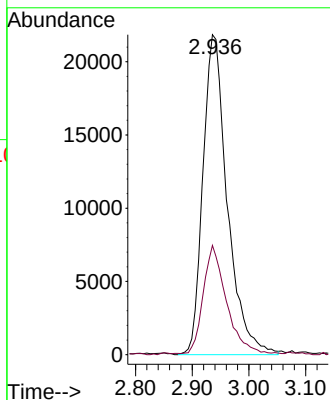
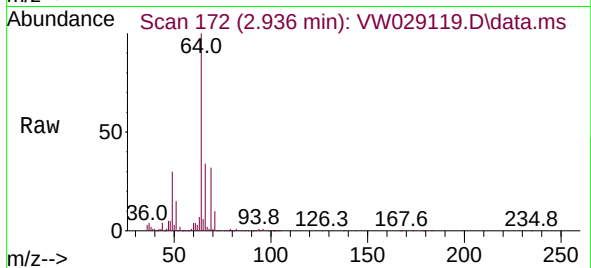




#8
Chloroethane
Concen: 25.703 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

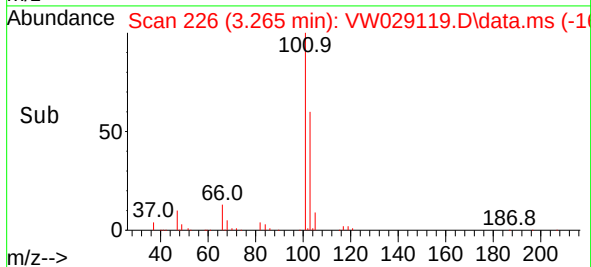
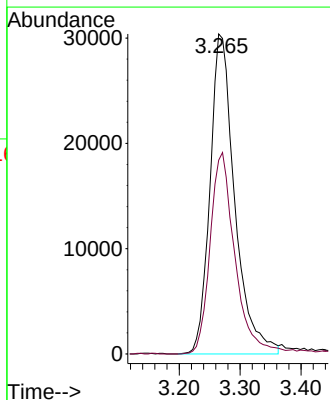
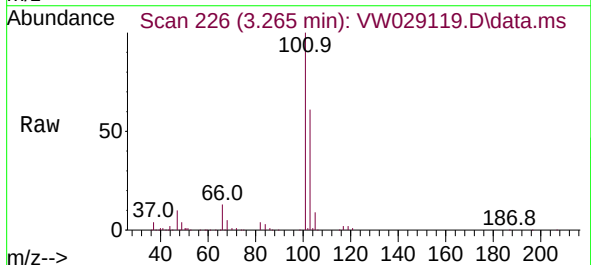
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MSVOA_W
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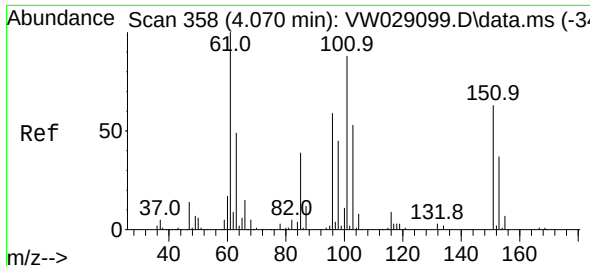
Tgt Ion: 64 Resp: 65298
Ion Ratio Lower Upper
64 100
66 34.2 22.9 42.5



#9
Trichlorofluoromethane
Concen: 24.494 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

Tgt Ion:101 Resp: 85652
Ion Ratio Lower Upper
101 100
103 63.2 51.3 76.9





#10

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

Concen: 24.253 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

Instrument :

MSVOA_W

ClientSampleId :

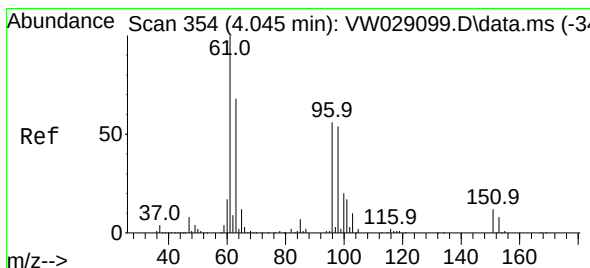
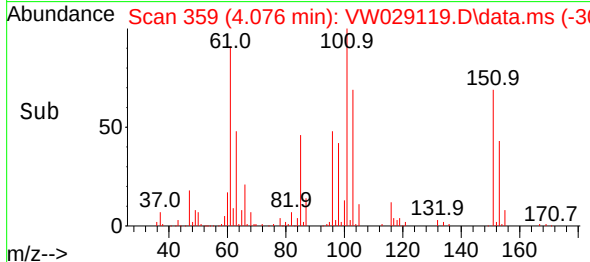
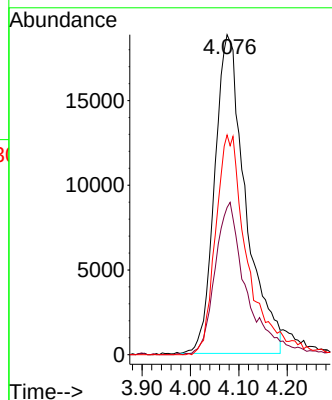
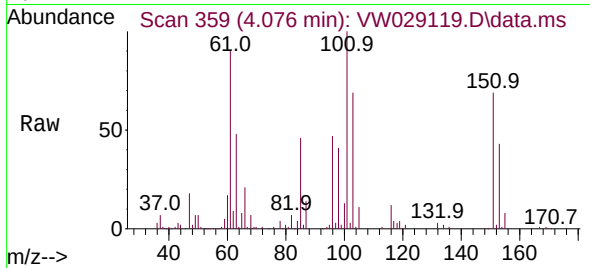
Tgt Ion:101 Resp: 83682

Ion Ratio Lower Upper

101 100

85 41.2 35.8 53.8

151 33.8 58.5 87.7#



#12

1,1-Dichloroethene

Concen: 25.009 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

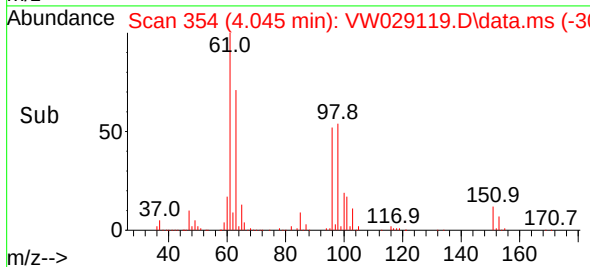
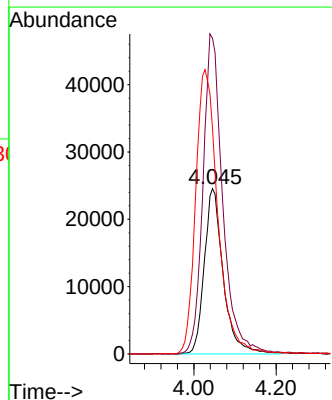
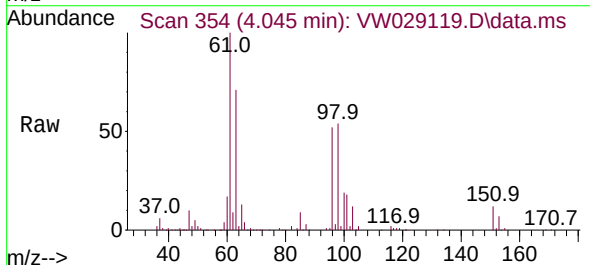
Tgt Ion: 96 Resp: 78748

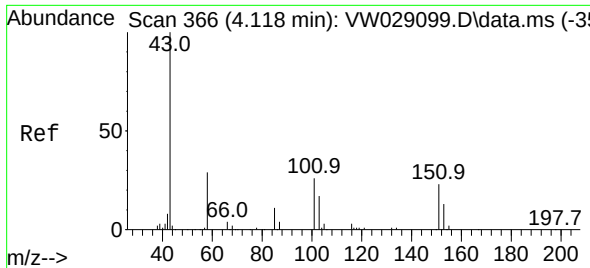
Ion Ratio Lower Upper

96 100

61 191.1 132.2 245.4

63 136.4 108.4 201.2

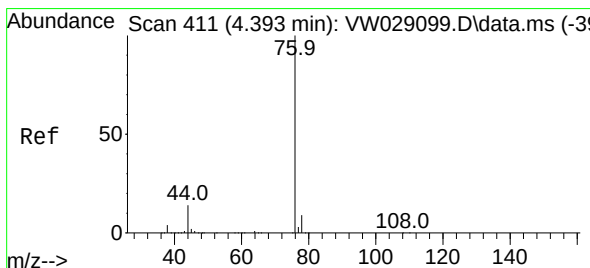
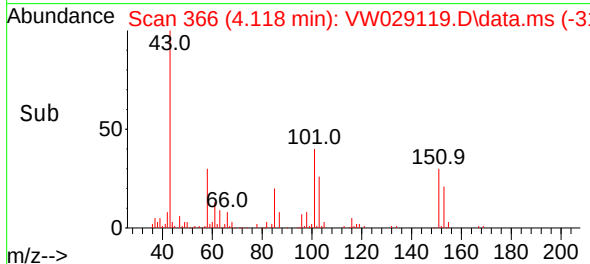
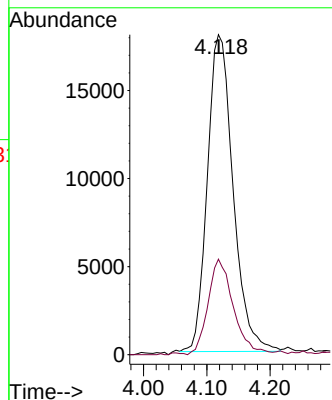
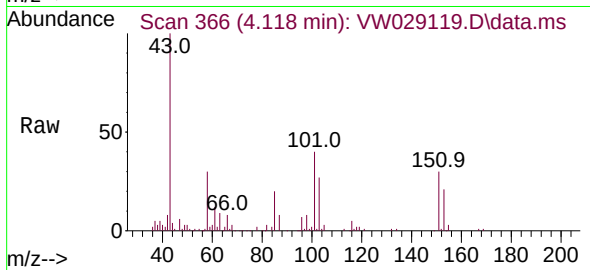




#13
Acetone
Concen: 60.029 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

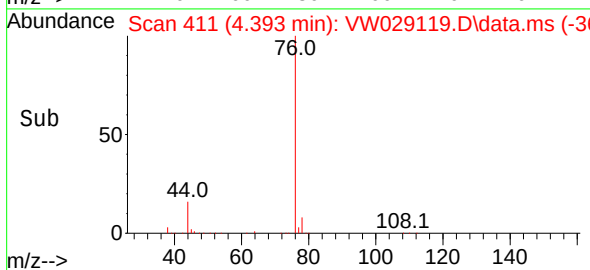
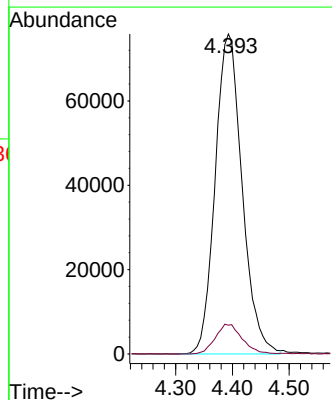
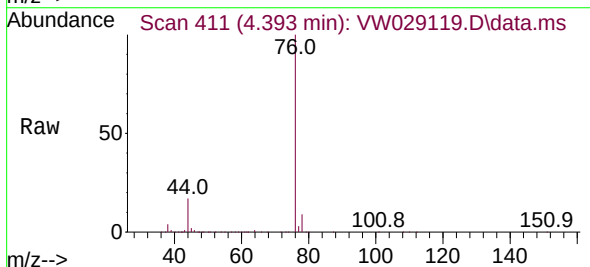
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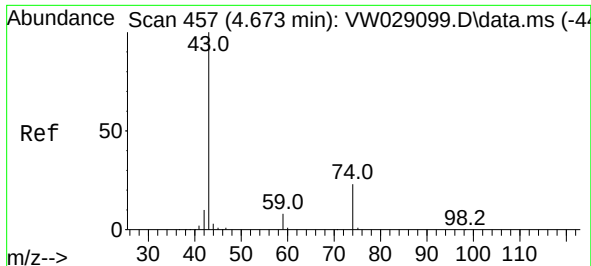
Tgt Ion: 43 Resp: 50866
Ion Ratio Lower Upper
43 100
58 29.1 0.0 59.4



#14
Carbon disulfide
Concen: 23.471 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 250215
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

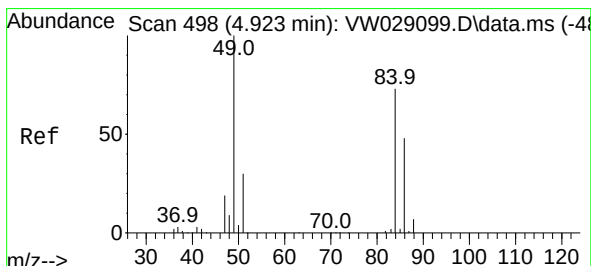
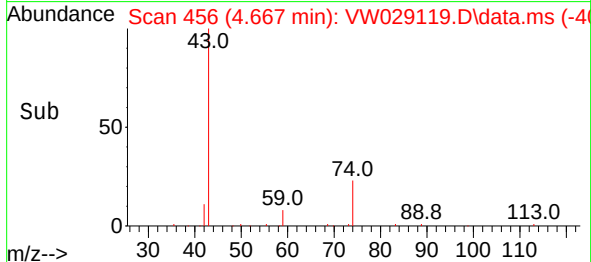
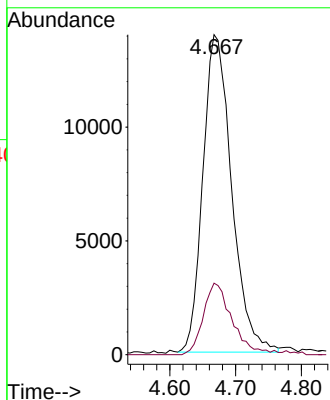
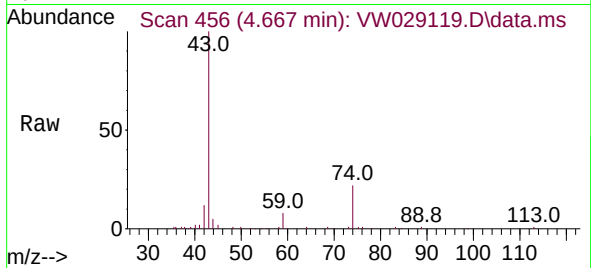




#15
Methyl Acetate
Concen: 30.199 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

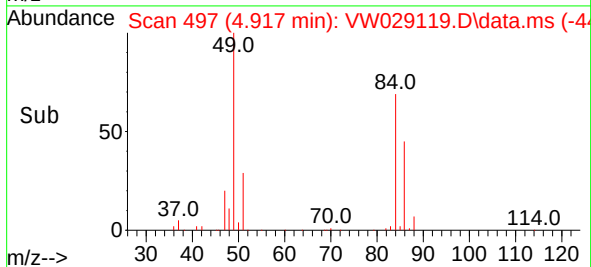
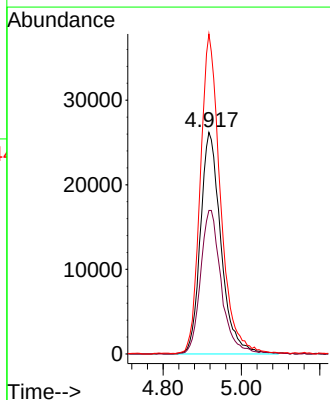
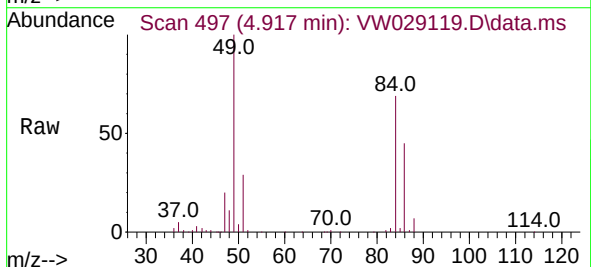
Instrument :
MSVOA_W
ClientSampleId :

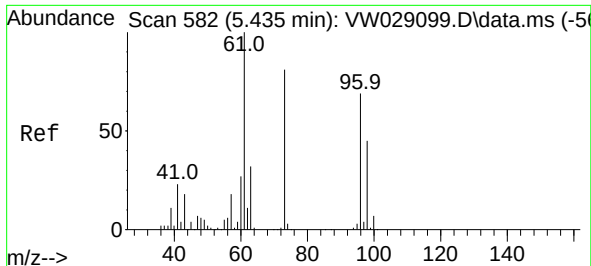
Tgt Ion: 43 Resp: 42501
Ion Ratio Lower Upper
43 100
74 22.3 17.4 26.2



#16
Methylene chloride
Concen: 25.512 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

Tgt Ion: 84 Resp: 95383
Ion Ratio Lower Upper
84 100
86 64.7 43.8 81.4
49 144.4 91.3 169.5

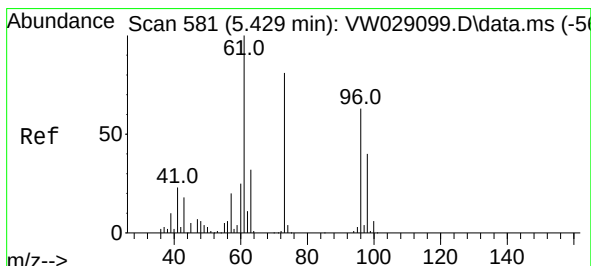
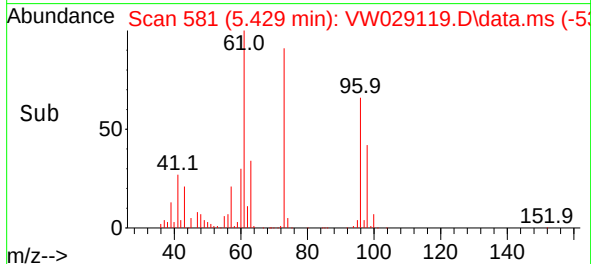
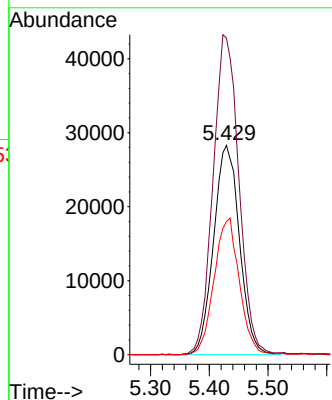
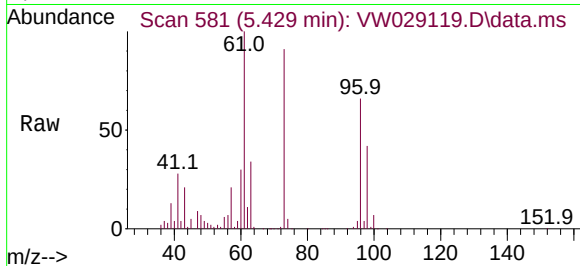




#17
trans-1,2-Dichloroethene
Concen: 25.239 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

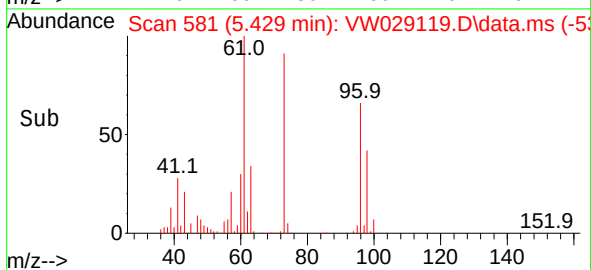
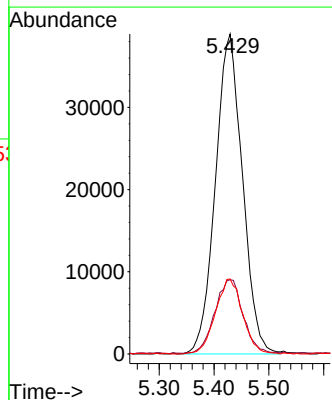
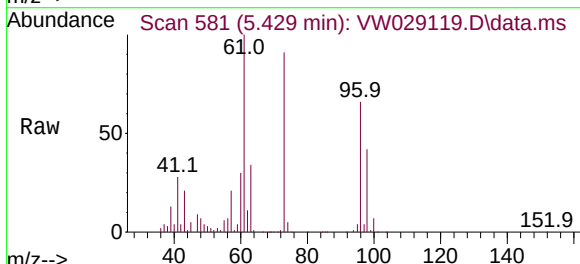
Instrument :
MSVOA_W
ClientSampleId :

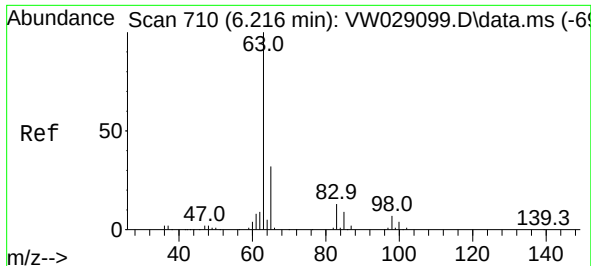
Tgt Ion: 96 Resp: 86650
Ion Ratio Lower Upper
96 100
61 151.2 104.6 194.2
98 63.5 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 27.880 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

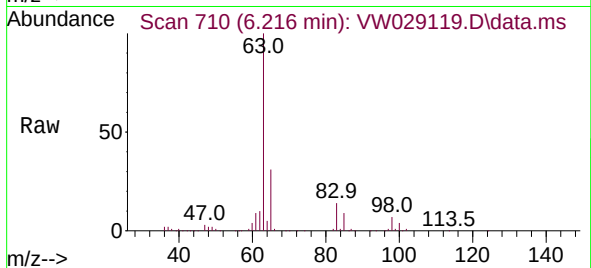
Tgt Ion: 73 Resp: 133474
Ion Ratio Lower Upper
73 100
43 23.8 17.8 26.6
57 23.5 18.4 27.6



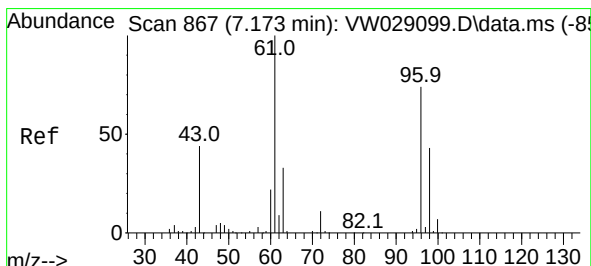
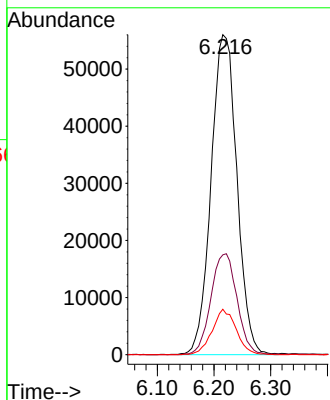
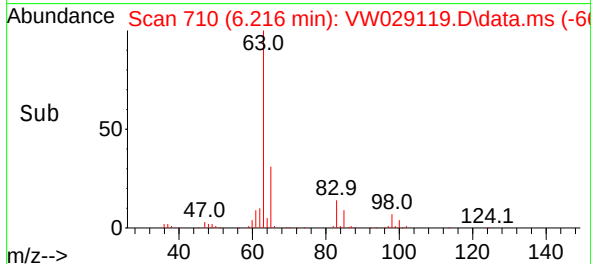


#19
1,1-Dichloroethane
Concen: 26.277 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

Instrument :
MSVOA_W
ClientSampleId :

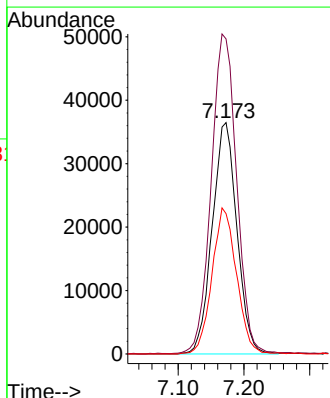
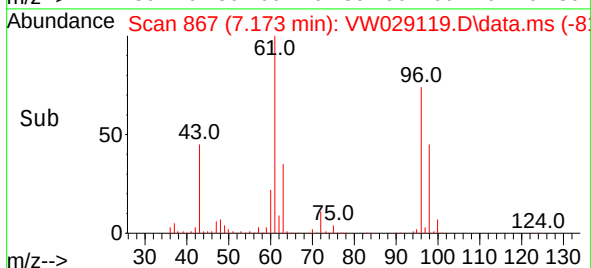
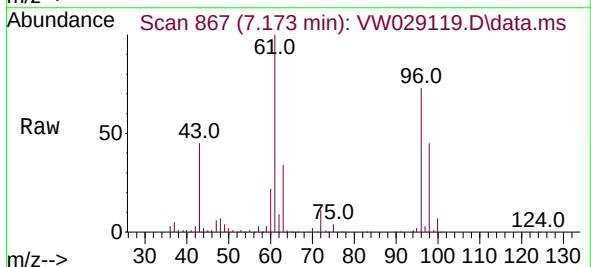


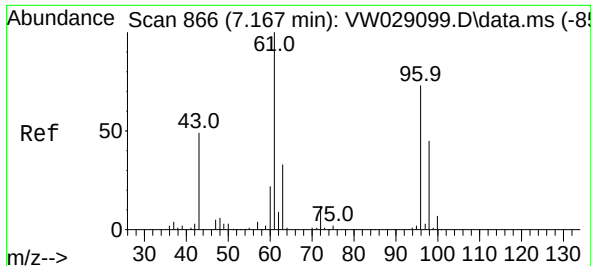
Tgt Ion: 63 Resp: 177366
Ion Ratio Lower Upper
63 100
65 31.2 21.8 40.6
83 14.2 8.8 16.3



#20
cis-1,2-Dichloroethene
Concen: 26.508 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

Tgt Ion: 96 Resp: 95408
Ion Ratio Lower Upper
96 100
61 136.1 92.9 172.5
98 60.6 45.2 84.0

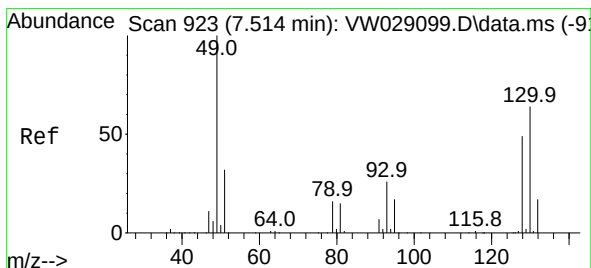
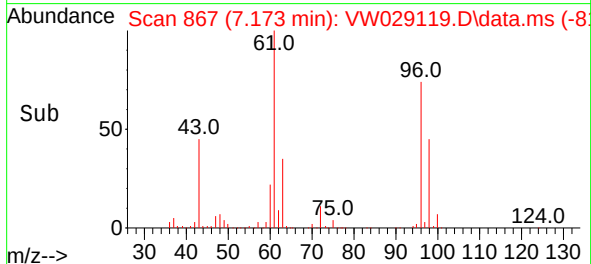
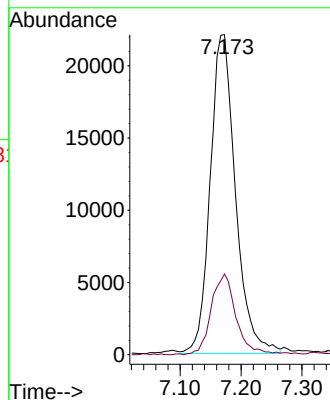
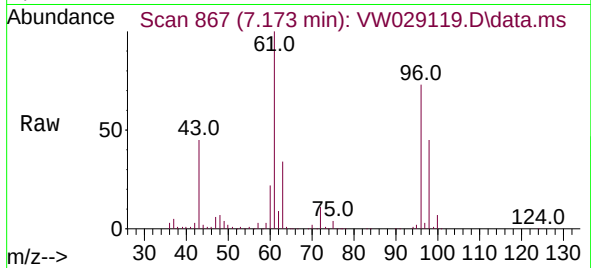




#22
2-Butanone
Concen: 62.518 ug/L
RT: 7.173 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

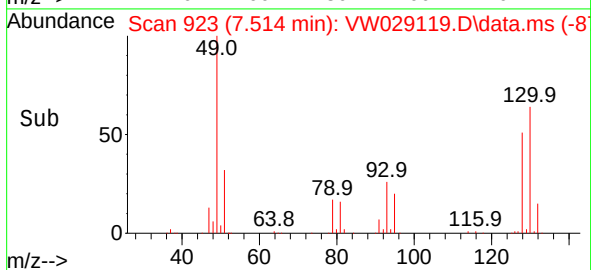
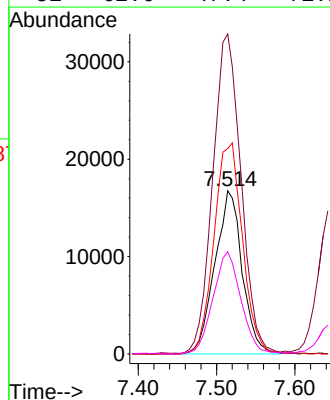
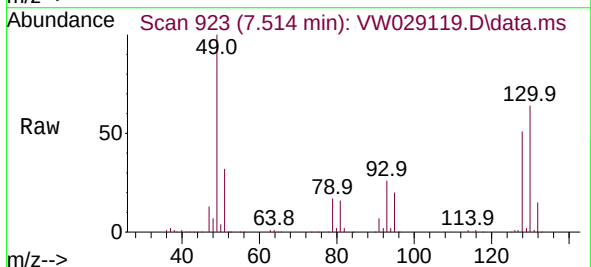
Instrument :
MSVOA_W
ClientSampleId :

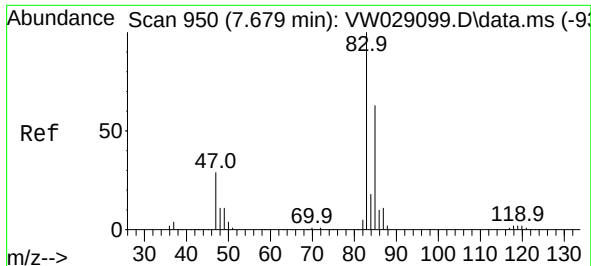
Tgt Ion: 43 Resp: 63835
Ion Ratio Lower Upper
43 100
72 24.7 12.5 37.5



#23
Bromochloromethane
Concen: 25.818 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

Tgt Ion:128 Resp: 40563
Ion Ratio Lower Upper
128 100
49 196.0 135.9 252.3
130 125.9 89.0 165.2
51 62.6 47.4 71.2





#25

Chloroform

Concen: 27.440 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

Instrument :

MSVOA_W

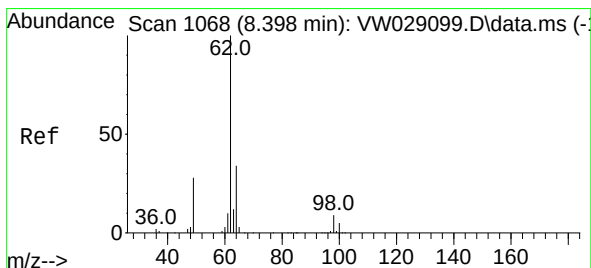
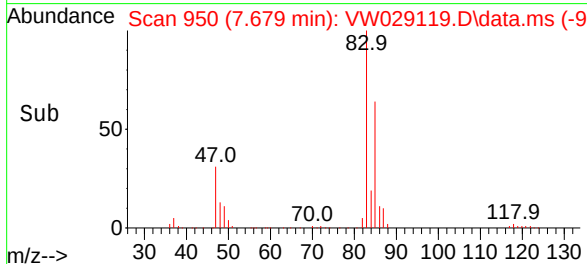
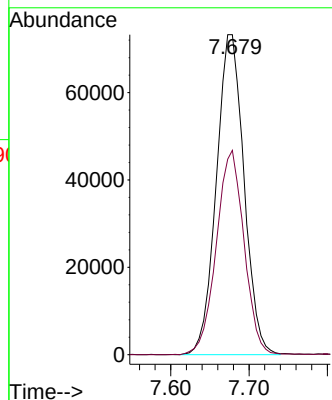
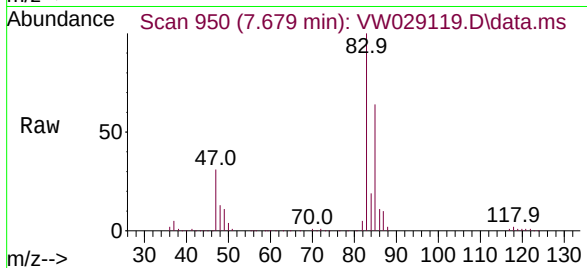
ClientSampleId :

Tgt Ion: 83 Resp: 179889

Ion Ratio Lower Upper

83 100

85 63.9 45.8 85.2



#27

1,2-Dichloroethane

Concen: 28.940 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW029119.D

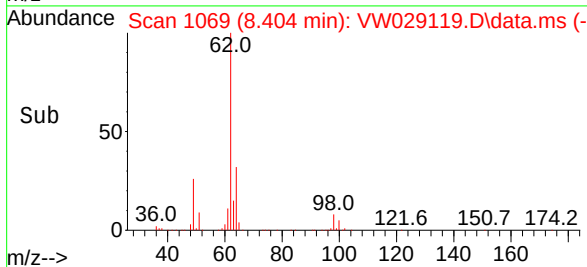
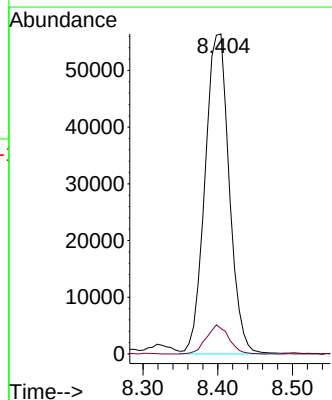
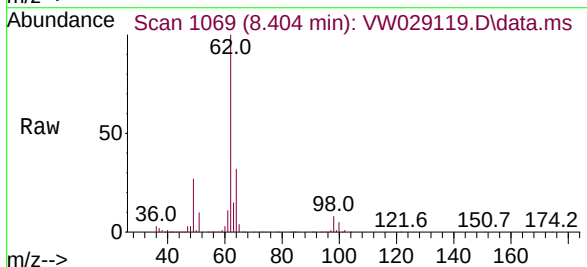
Acq: 13 Jun 2024 12:07

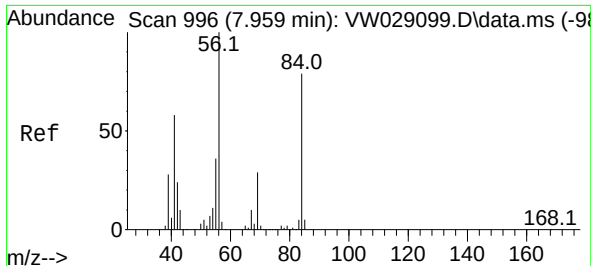
Tgt Ion: 62 Resp: 127141

Ion Ratio Lower Upper

62 100

98 7.9 7.1 10.7





#29

Cyclohexane

Concen: 25.641 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

Instrument :

MSVOA_W

ClientSampleId :

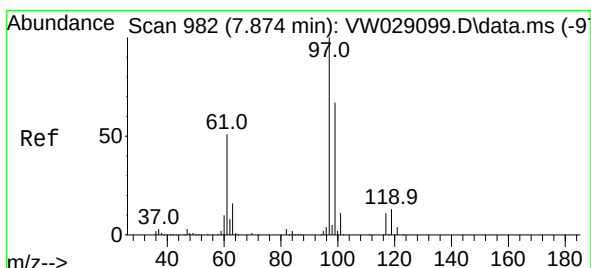
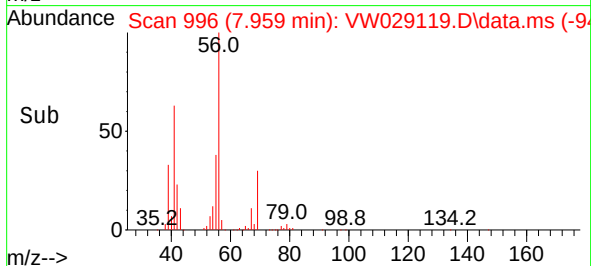
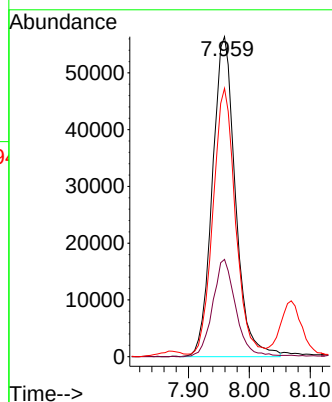
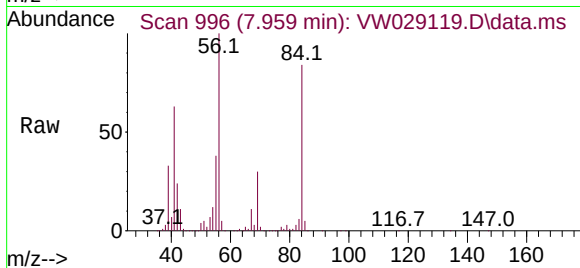
Tgt Ion: 56 Resp: 148357

Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.4

84 81.9 65.4 98.2



#30

1,1,1-Trichloroethane

Concen: 26.128 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

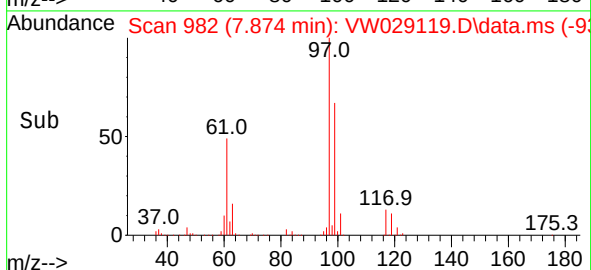
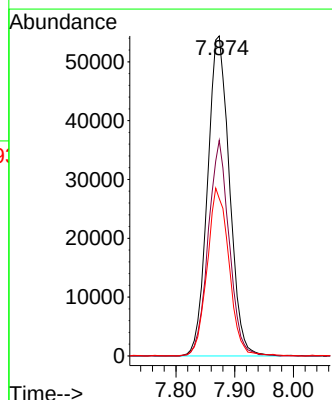
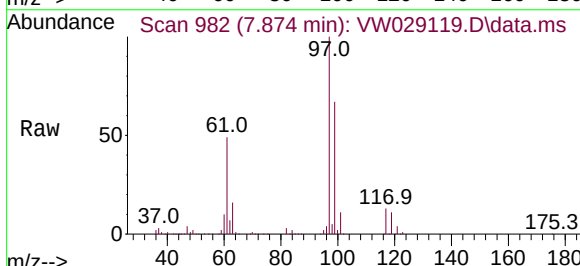
Tgt Ion: 97 Resp: 140884

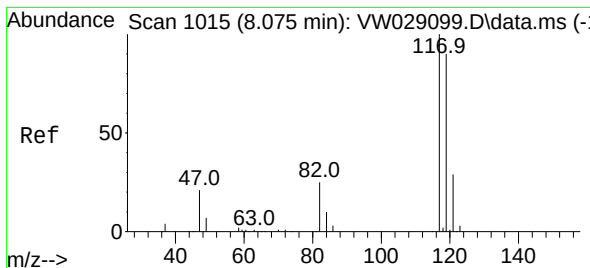
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 52.3 39.6 59.4





#31

Carbon tetrachloride

Concen: 25.767 ug/L

RT: 8.069 min Scan# 1015

Delta R.T. -0.006 min

Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

Instrument :

MSVOA_W

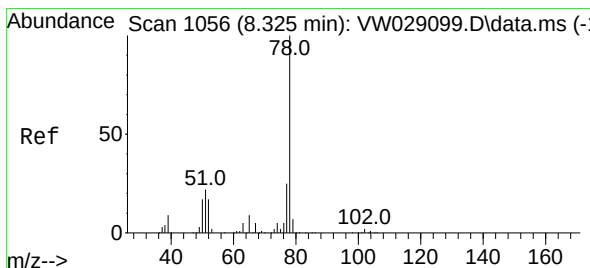
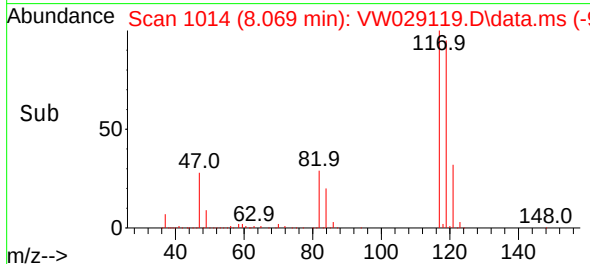
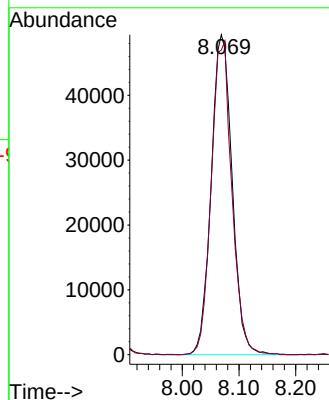
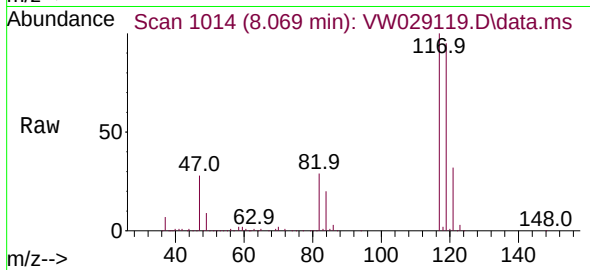
ClientSampleId :

Tgt Ion:117 Resp: 126550

Ion Ratio Lower Upper

117 100

119 96.2 78.8 118.2



#33

Benzene

Concen: 26.104 ug/L

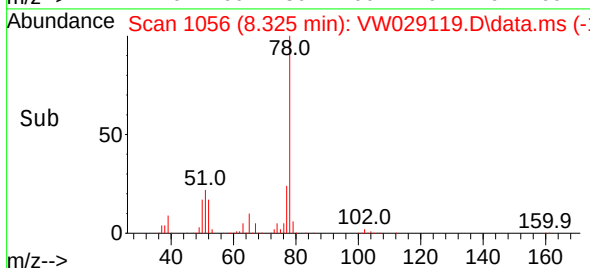
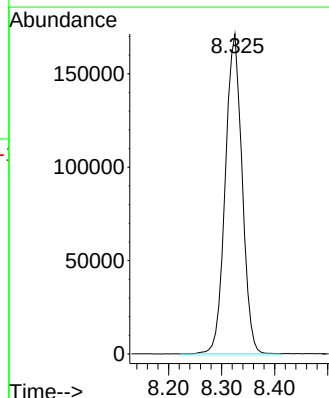
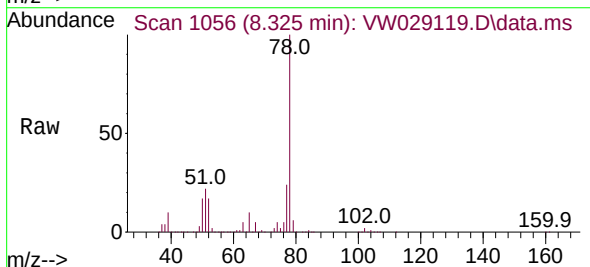
RT: 8.325 min Scan# 1056

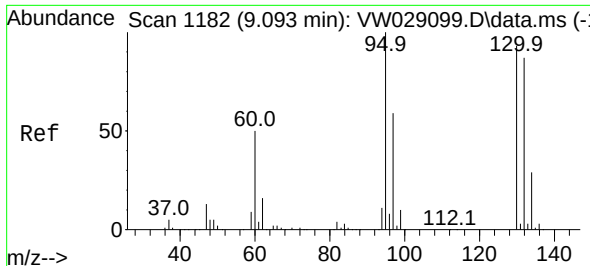
Delta R.T. -0.000 min

Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

Tgt Ion: 78 Resp: 377731

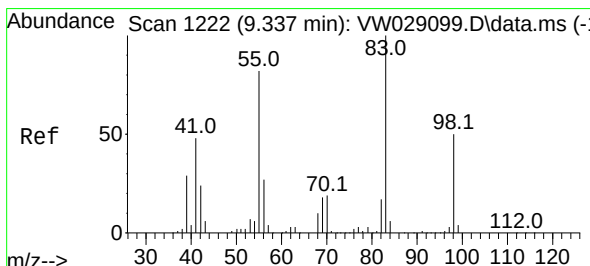
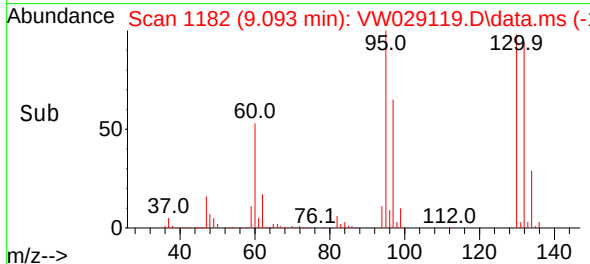
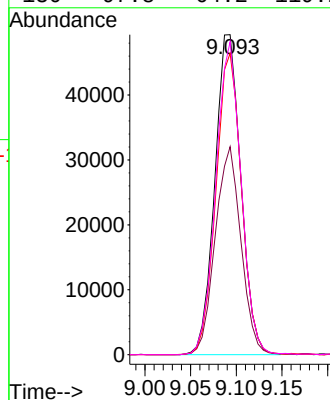
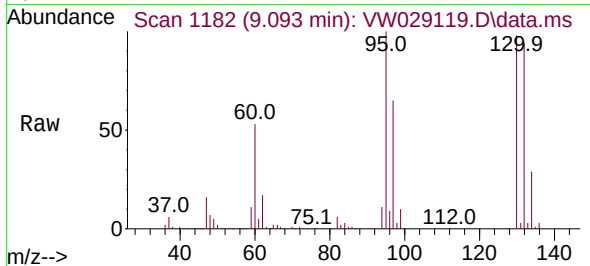




#34
Trichloroethene
Concen: 25.674 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

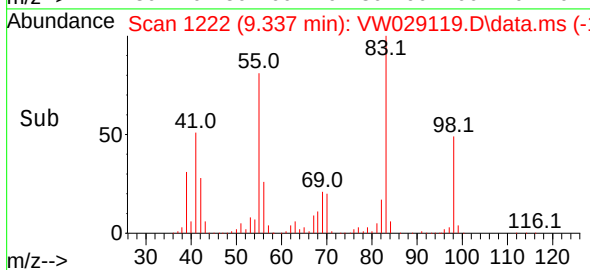
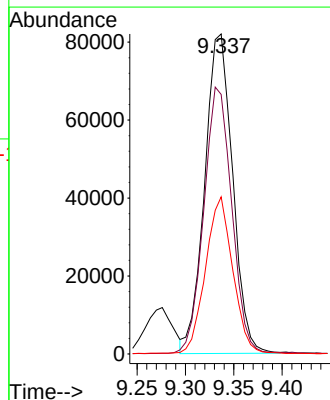
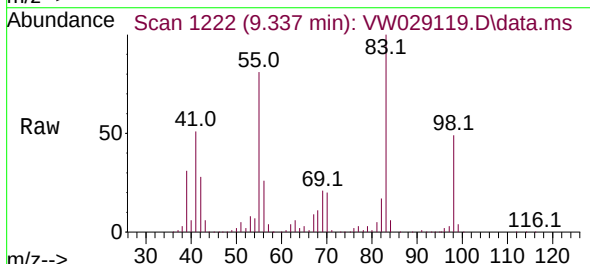
Instrument :
MSVOA_W
ClientSampleId :

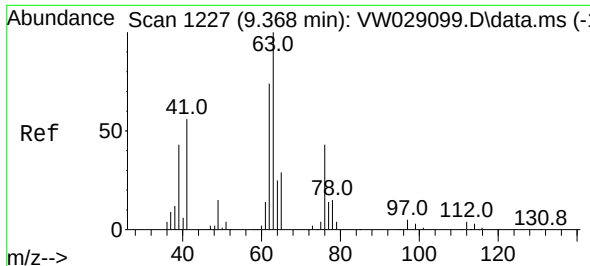
Tgt Ion: 95 Resp: 97671
Ion Ratio Lower Upper
95 100
97 65.0 41.9 77.7
132 94.2 60.1 111.5
130 97.8 64.2 119.2



#35
Methylcyclohexane
Concen: 25.564 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

Tgt Ion: 83 Resp: 164980
Ion Ratio Lower Upper
83 100
55 84.0 65.8 98.6
98 48.2 38.4 57.6





#37

1,2-Dichloropropane

Concen: 27.100 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

Instrument :

MSVOA_W

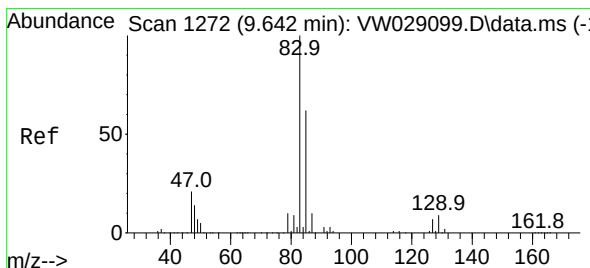
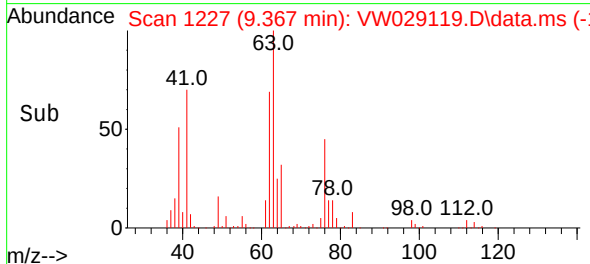
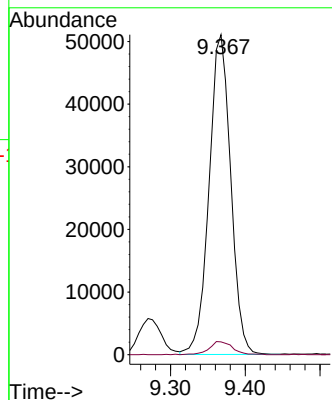
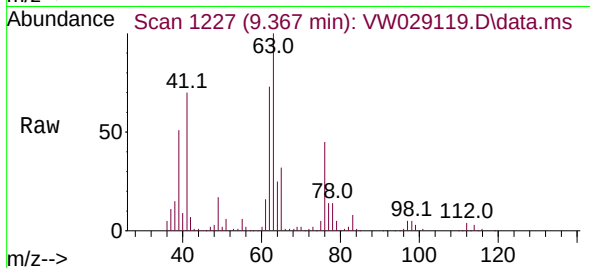
ClientSampleId :

Tgt Ion: 63 Resp: 102688

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 27.391 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

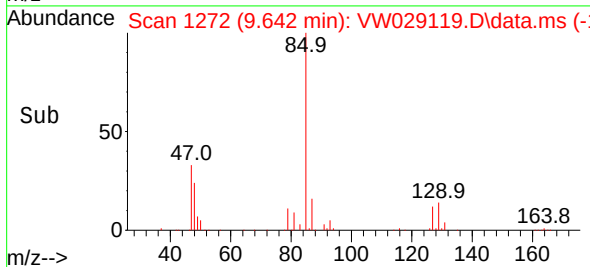
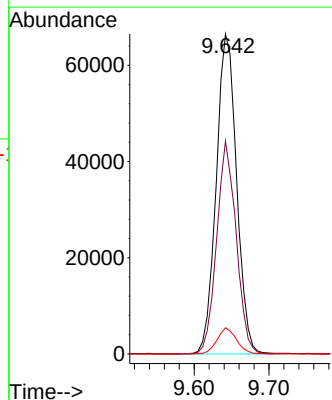
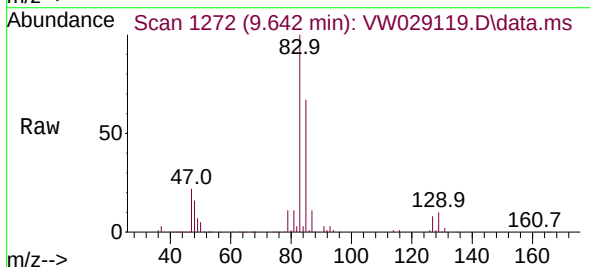
Tgt Ion: 83 Resp: 126583

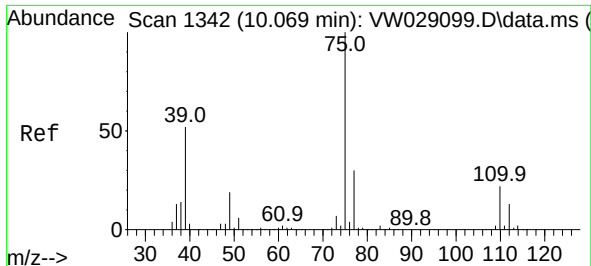
Ion Ratio Lower Upper

83 100

85 66.6 43.9 81.5

127 8.2 5.4 8.2#





#39

cis-1,3-Dichloropropene

Concen: 26.634 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

Instrument :

MSVOA_W

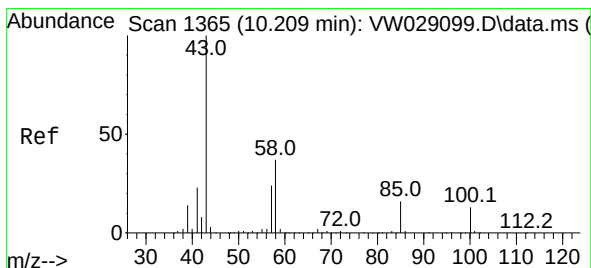
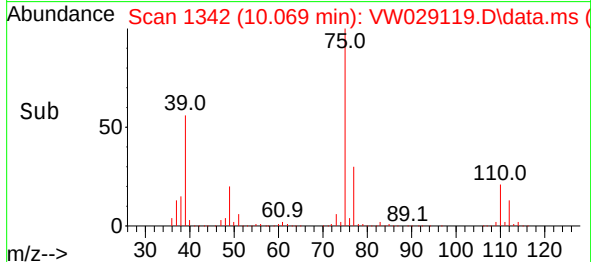
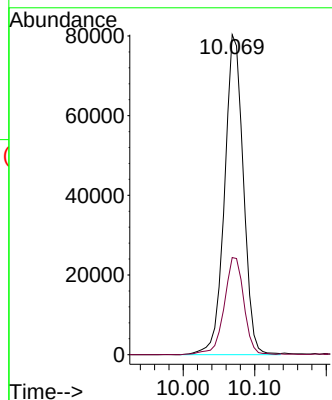
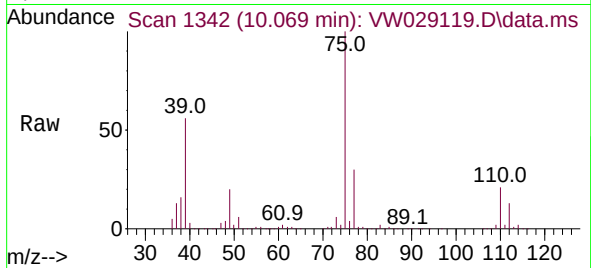
ClientSampleId :

Tgt Ion: 75 Resp: 146668

Ion Ratio Lower Upper

75 100

77 30.4 21.0 39.0



#40

4-Methyl-2-pentanone

Concen: 64.413 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

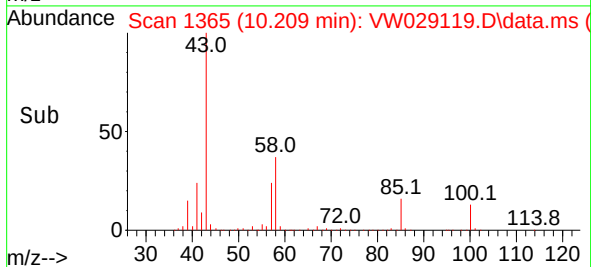
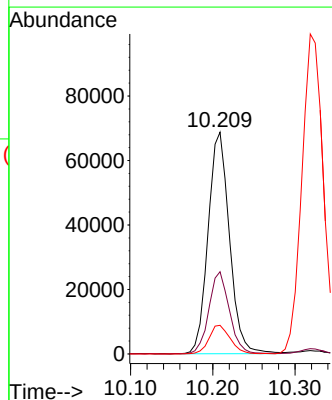
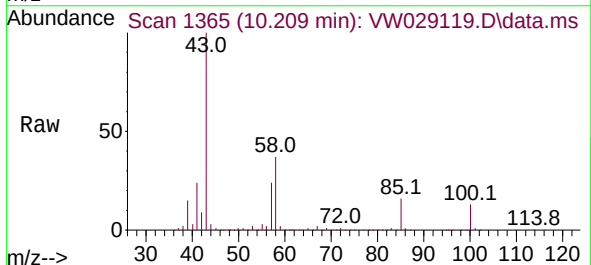
Tgt Ion: 43 Resp: 124149

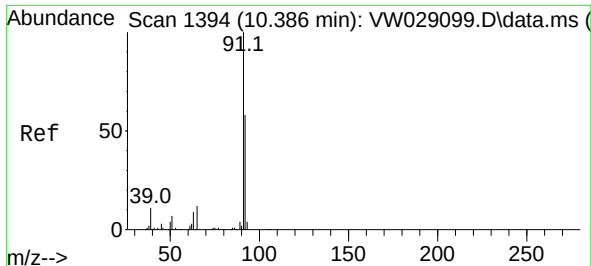
Ion Ratio Lower Upper

43 100

58 35.7 30.3 45.5

100 12.9 10.7 16.1

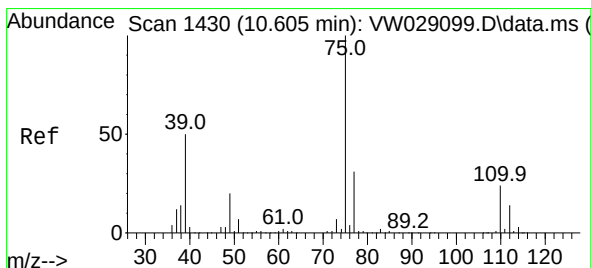
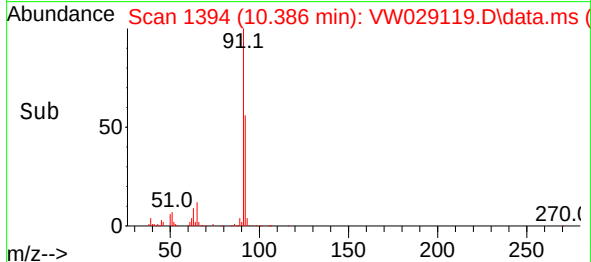
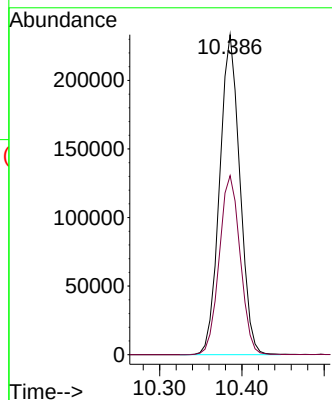
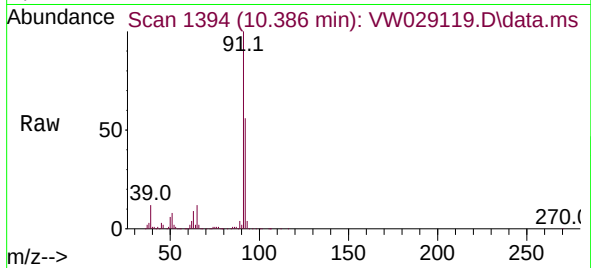




#42
Toluene
Concen: 26.981 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

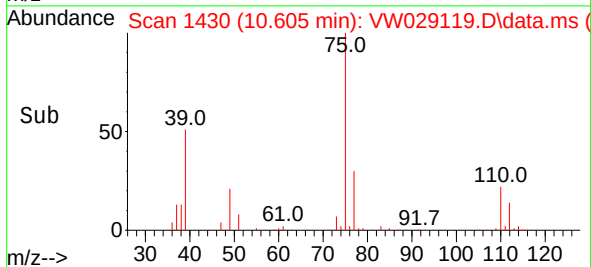
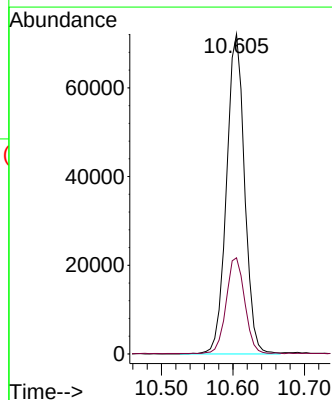
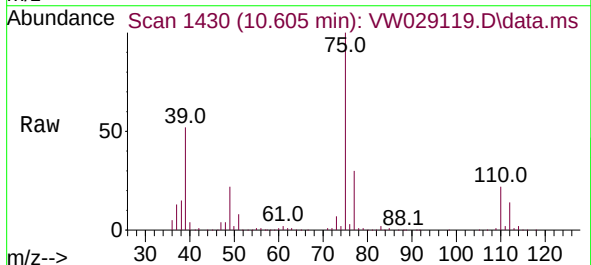
Instrument :
MSVOA_W
ClientSampleId :

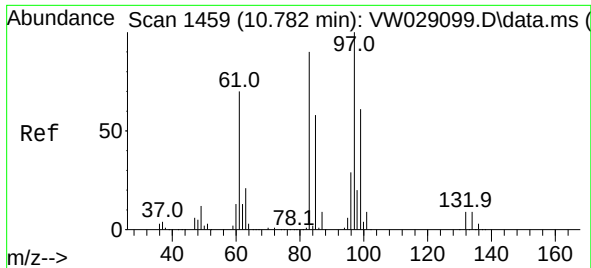
Tgt Ion: 91 Resp: 398846
Ion Ratio Lower Upper
91 100
92 56.0 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 28.467 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

Tgt Ion: 75 Resp: 126383
Ion Ratio Lower Upper
75 100
77 30.0 22.0 40.8

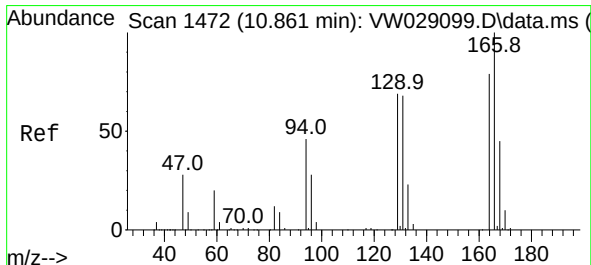
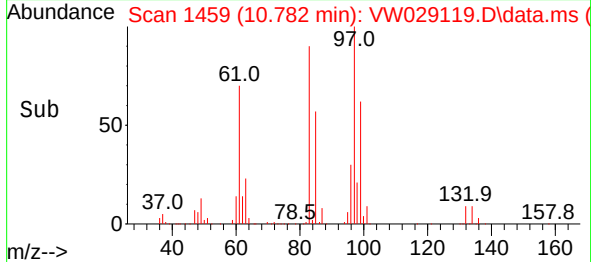
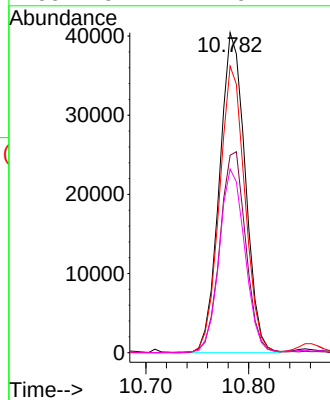
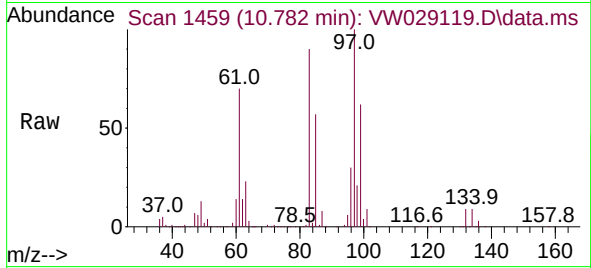




#45
1,1,2-Trichloroethane
Concen: 27.480 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

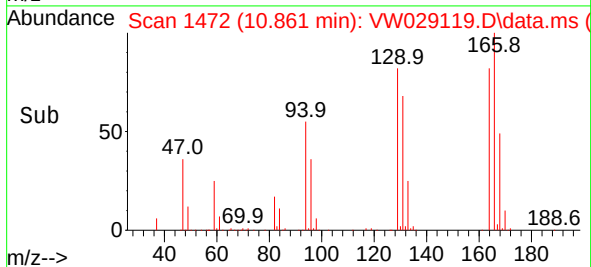
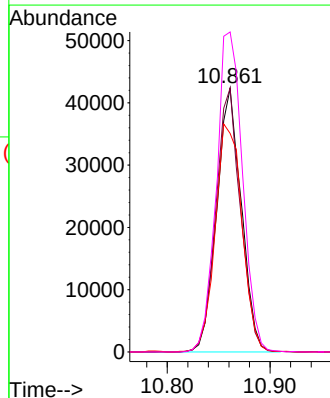
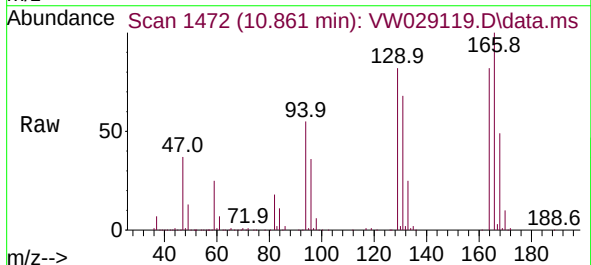
Instrument :
MSVOA_W
ClientSampleId :

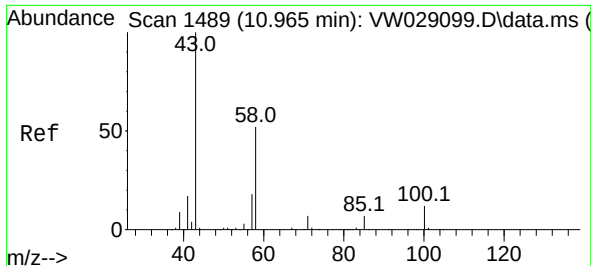
Tgt Ion: 97	Resp: 70325
Ion Ratio	Lower Upper
97 100	
99 61.7	41.8 77.6
83 89.5	62.4 115.8
85 57.4	41.5 77.1



#46
Tetrachloroethene
Concen: 24.321 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

Tgt	Ion:164	Resp:	70294
Ion	Ratio	Lower	Upper
164	100		
129	100.1	69.4	128.8
131	82.9	71.0	131.9
166	121.4	96.0	178.4

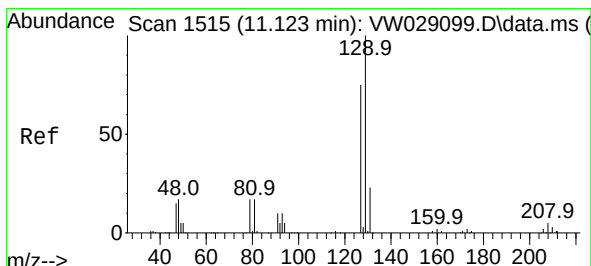
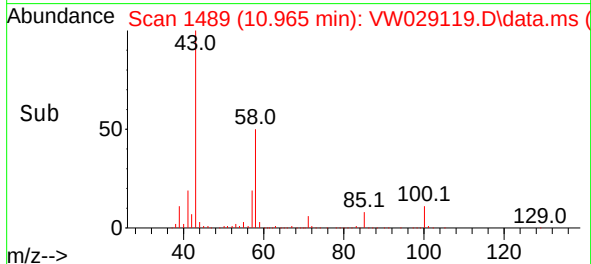
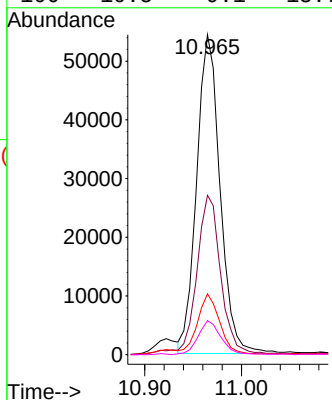
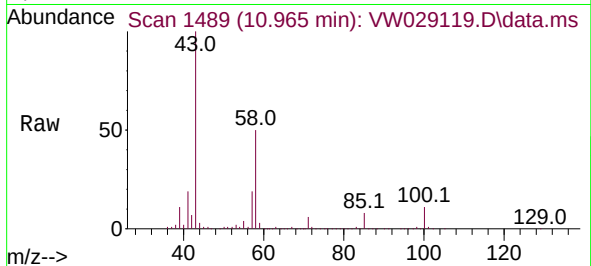




#48
2-Hexanone
Concen: 63.424 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

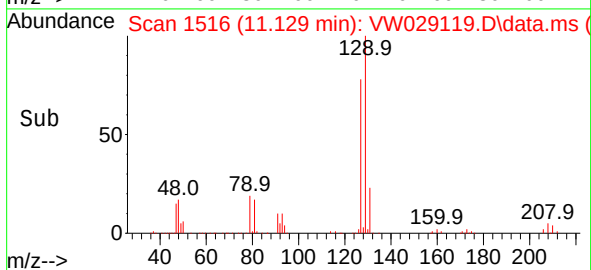
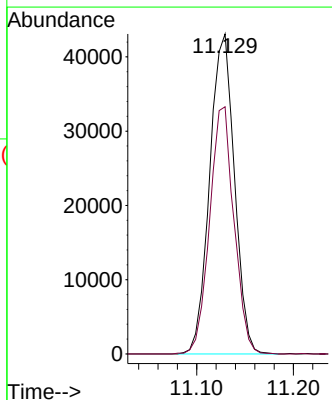
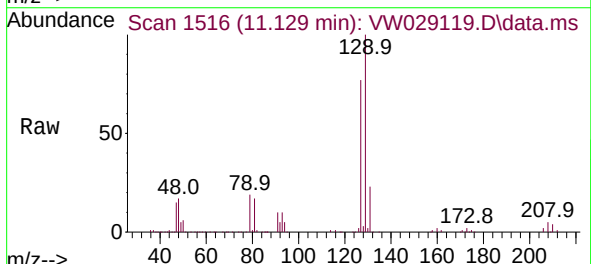
Instrument :
MSVOA_W
ClientSampleId :

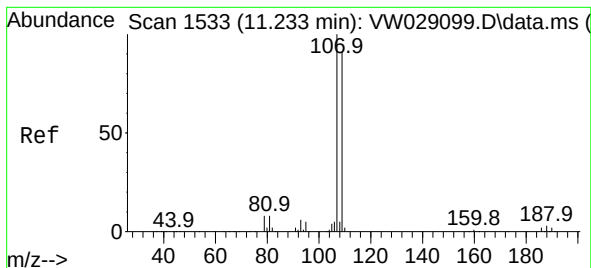
Tgt Ion:	43	Resp:	91652
Ion	Ratio	Lower	Upper
43	100		
58	49.9	41.4	62.0
57	17.7	14.2	21.4
100	10.5	9.1	13.7



#49
Dibromochloromethane
Concen: 28.347 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

Tgt Ion:	129	Resp:	76624
Ion	Ratio	Lower	Upper
129	100		
127	77.3	56.5	104.9





#50

1,2-Dibromoethane

Concen: 27.682 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

Instrument :

MSVOA_W

ClientSampleId :

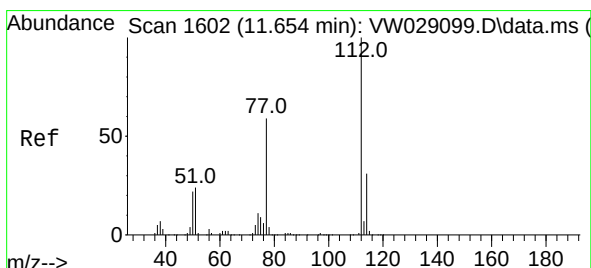
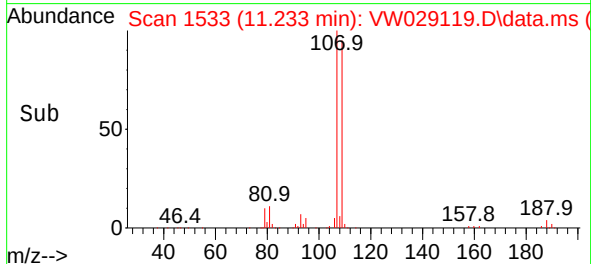
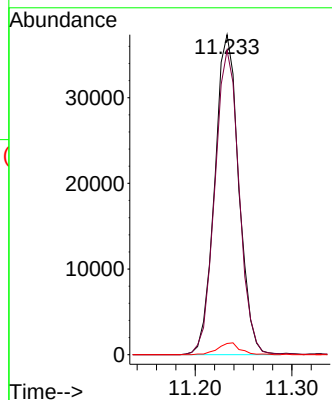
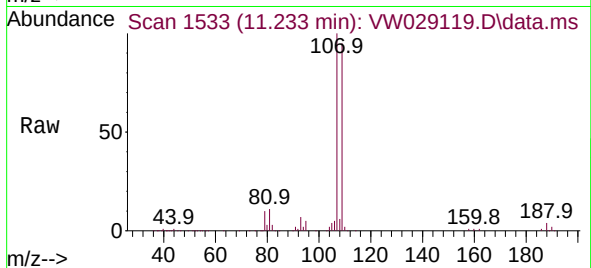
Tgt Ion:107 Resp: 64670

Ion Ratio Lower Upper

107 100

109 95.2 67.9 126.1

188 3.5 3.0 4.4



#51

Chlorobenzene

Concen: 25.876 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

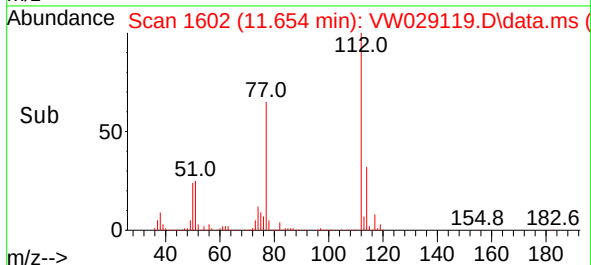
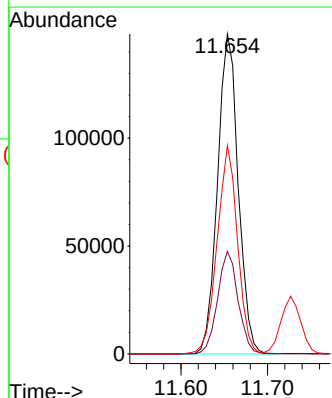
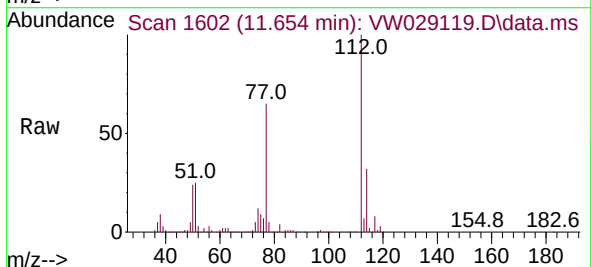
Tgt Ion:112 Resp: 245716

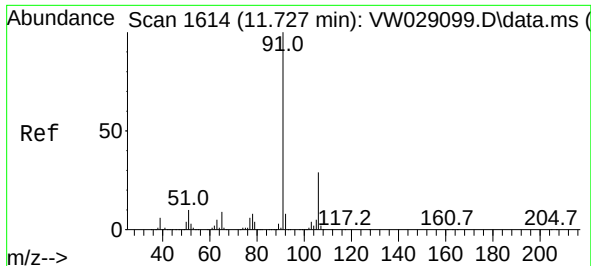
Ion Ratio Lower Upper

112 100

114 32.0 23.7 44.1

77 65.1 51.7 77.5





#52

Ethylbenzene

Concen: 26.896 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

Instrument :

MSVOA_W

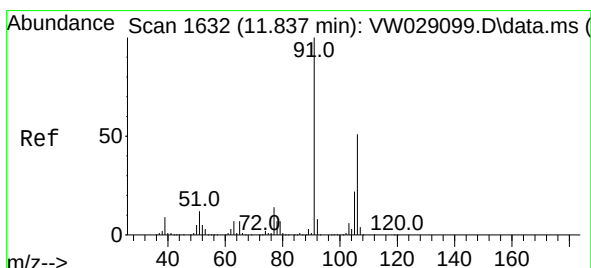
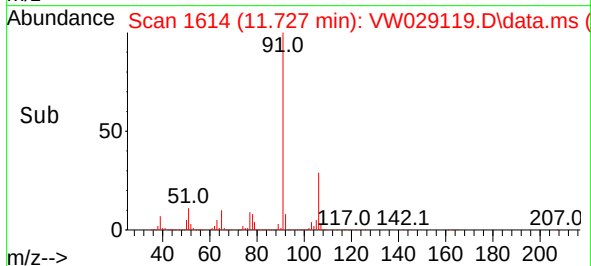
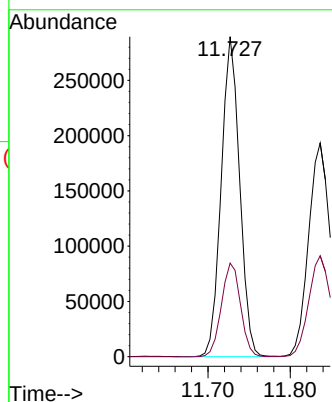
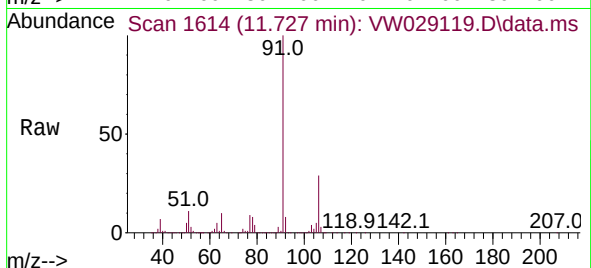
ClientSampleId :

Tgt Ion: 91 Resp: 451732

Ion Ratio Lower Upper

91 100

106 29.3 19.9 37.0



#53

m,p-Xylene

Concen: 26.978 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029119.D

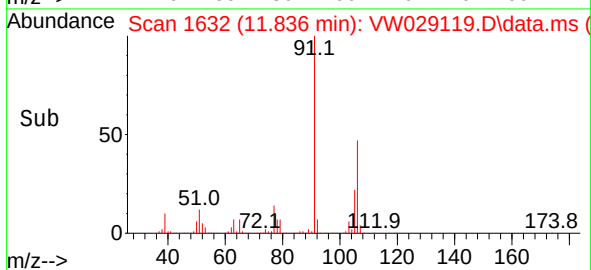
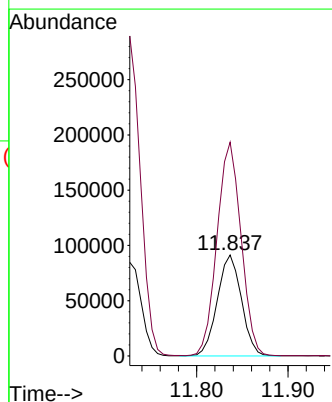
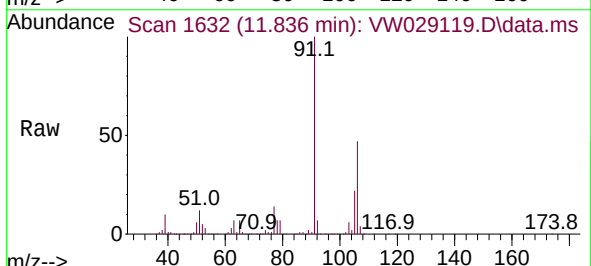
Acq: 13 Jun 2024 12:07

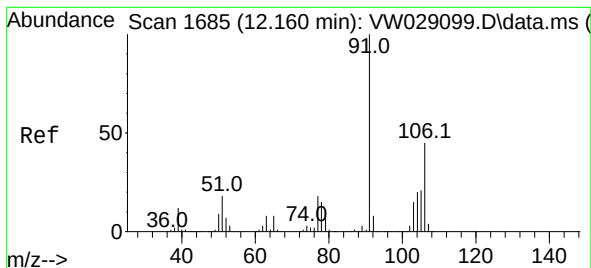
Tgt Ion:106 Resp: 167827

Ion Ratio Lower Upper

106 100

91 211.9 152.0 282.2





#54

o-Xylene

Concen: 26.894 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

Instrument :

MSVOA_W

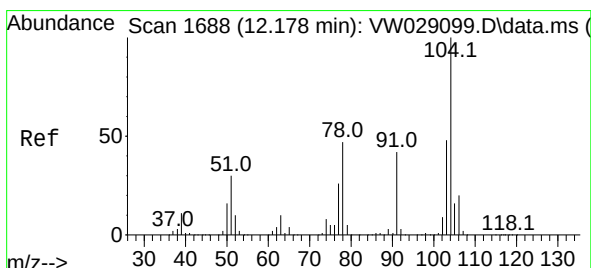
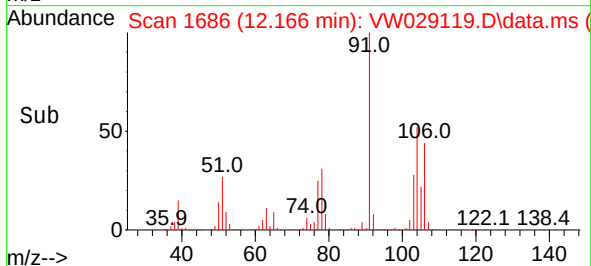
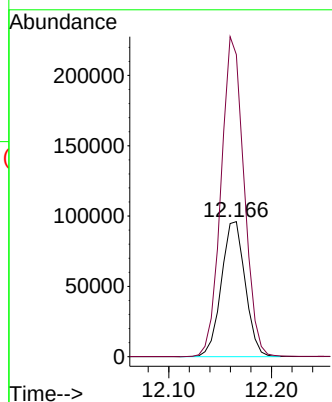
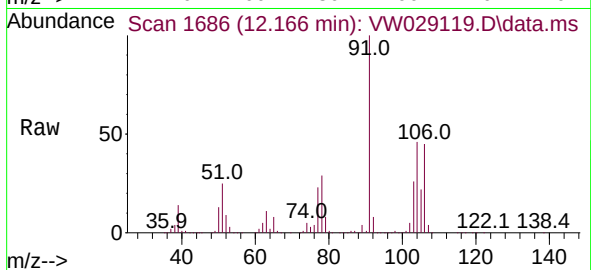
ClientSampleId :

Tgt Ion:106 Resp: 154914

Ion Ratio Lower Upper

106 100

91 223.7 152.5 283.3



#55

Styrene

Concen: 27.677 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029119.D

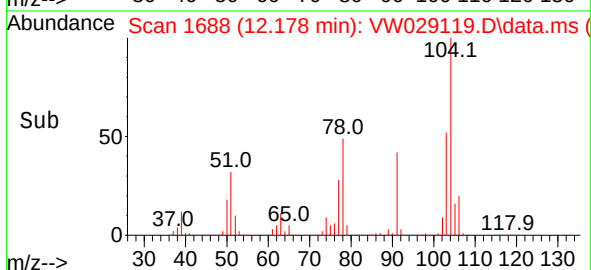
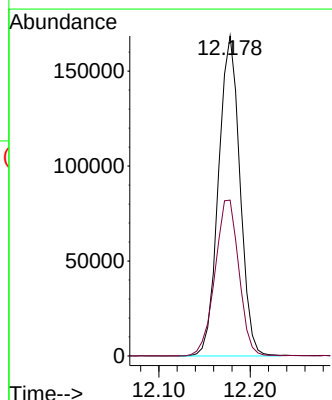
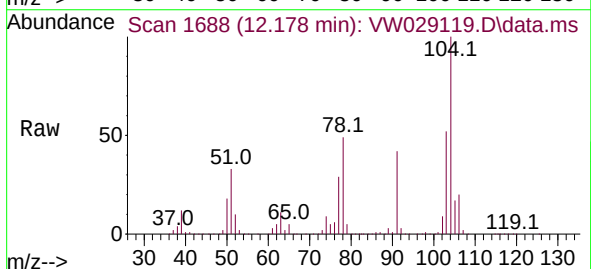
Acq: 13 Jun 2024 12:07

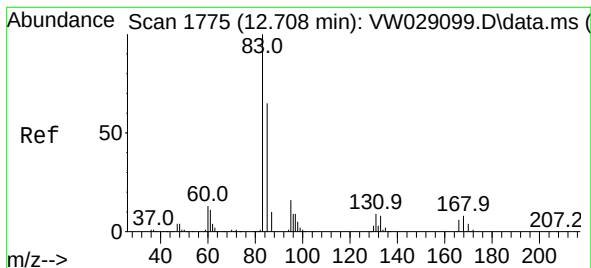
Tgt Ion:104 Resp: 274862

Ion Ratio Lower Upper

104 100

78 48.7 33.3 61.9

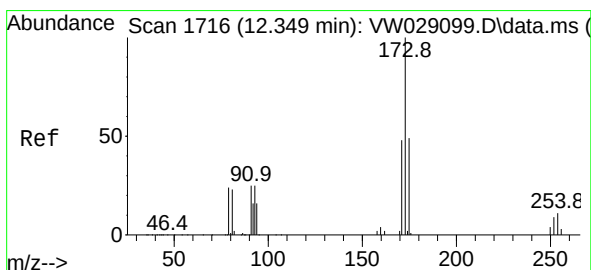
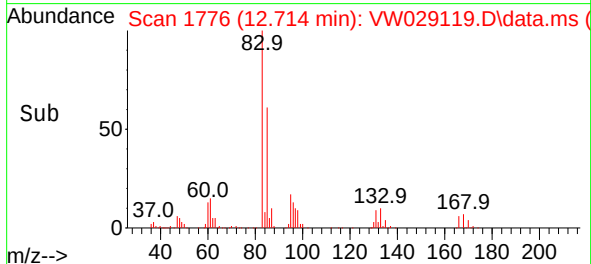
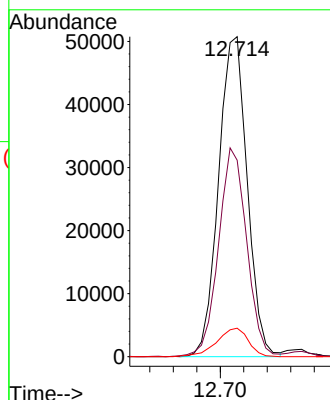
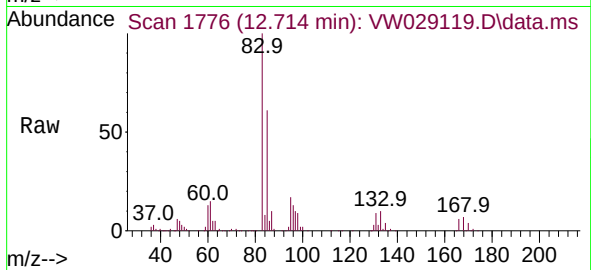




#57
1,1,2,2-Tetrachloroethane
Concen: 29.782 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

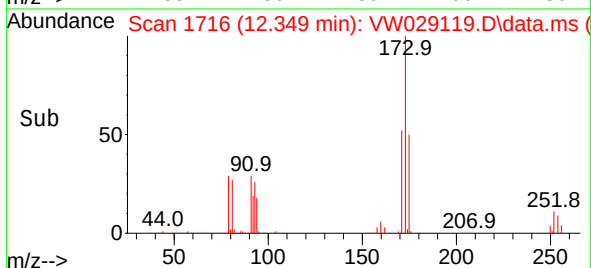
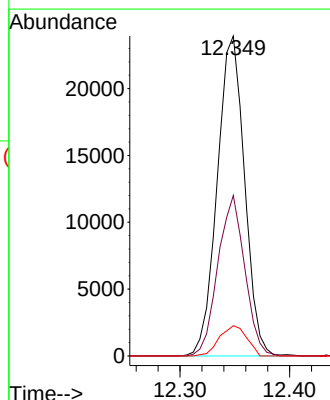
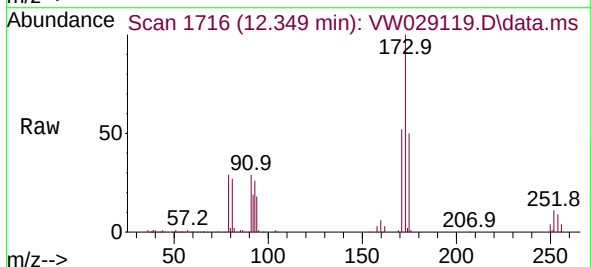
Instrument :
MSVOA_W
ClientSampleId :

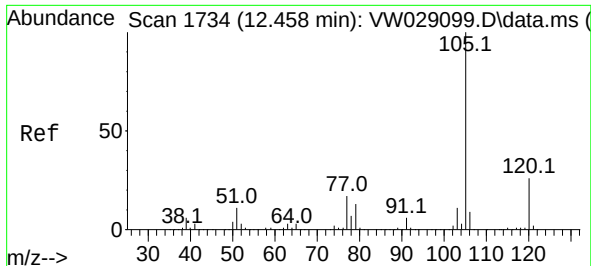
Tgt Ion: 83 Resp: 86040
Ion Ratio Lower Upper
83 100
85 61.4 43.8 81.3
131 8.9 7.3 10.9



#59
Bromoform
Concen: 27.056 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

Tgt Ion:173 Resp: 41395
Ion Ratio Lower Upper
173 100
175 49.3 38.1 57.1
254 9.5 8.2 12.2

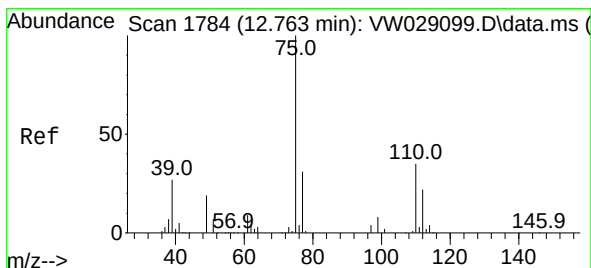
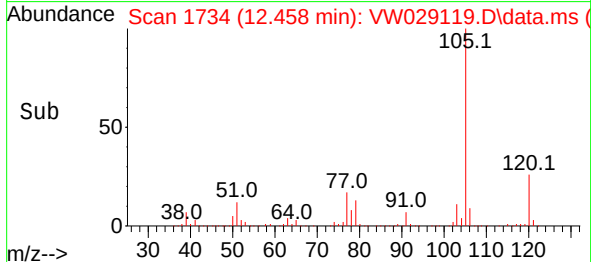
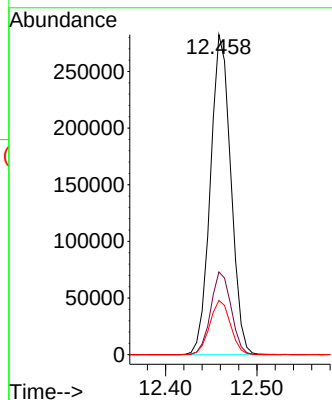
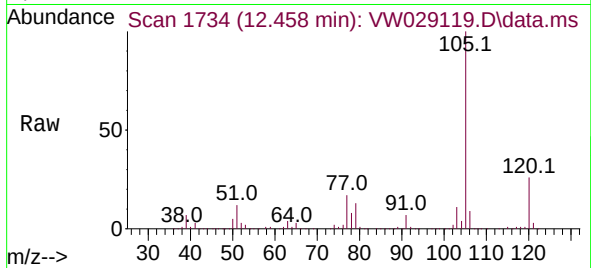




#60
Isopropylbenzene
Concen: 26.021 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

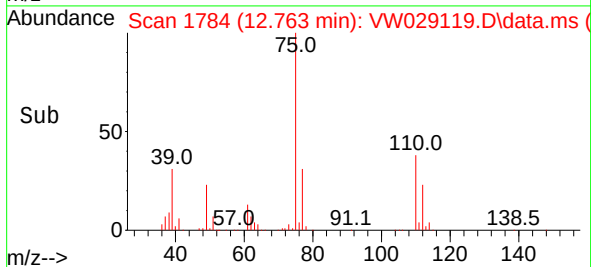
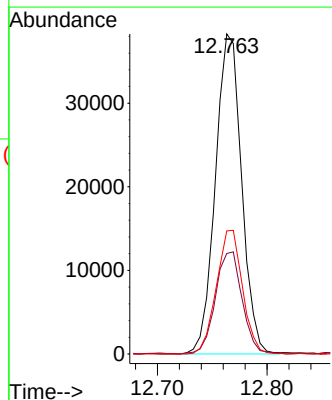
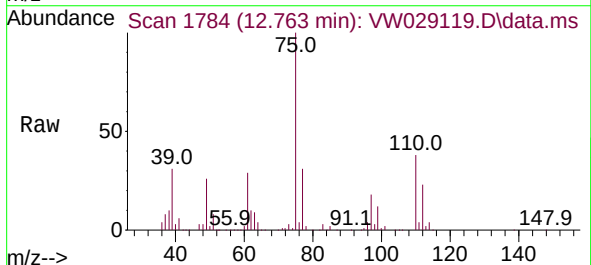
Instrument :
MSVOA_W
ClientSampleId :

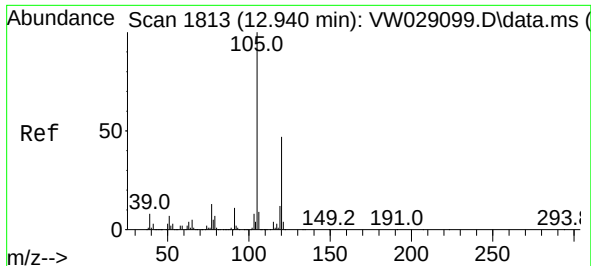
Tgt Ion:105 Resp: 438159
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 17.2 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 28.357 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

Tgt Ion: 75 Resp: 63643
Ion Ratio Lower Upper
75 100
77 32.6 26.3 39.5
110 38.4 29.4 44.0

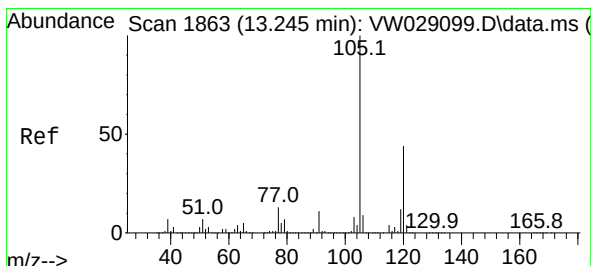
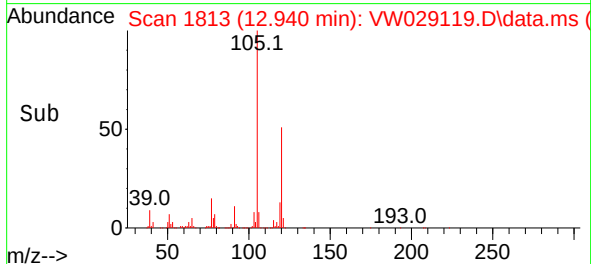
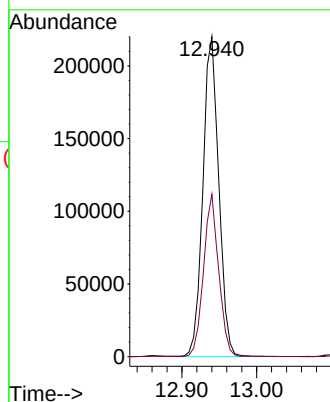
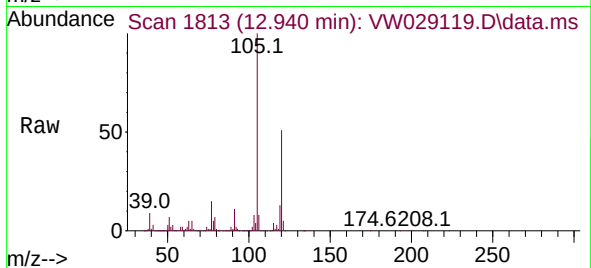




#62
1,3,5-Trimethylbenzene
Concen: 26.504 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

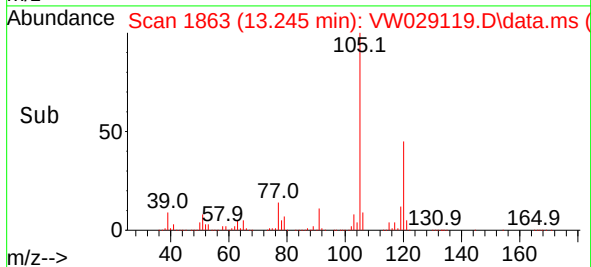
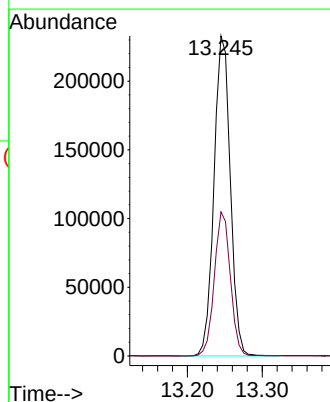
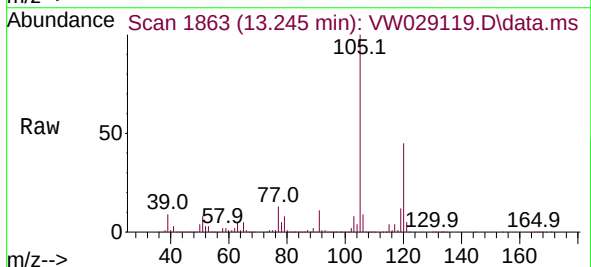
Instrument :
MSVOA_W
ClientSampleId :

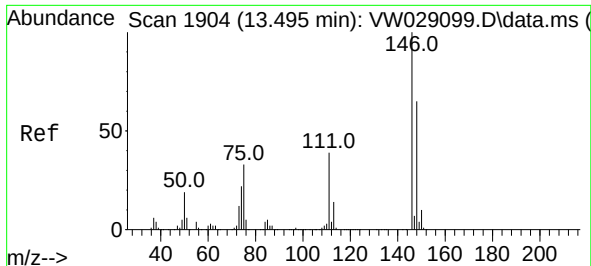
Tgt Ion:105 Resp: 324594
Ion Ratio Lower Upper
105 100
120 48.4 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 27.290 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

Tgt Ion:105 Resp: 353214
Ion Ratio Lower Upper
105 100
120 44.1 35.8 53.8

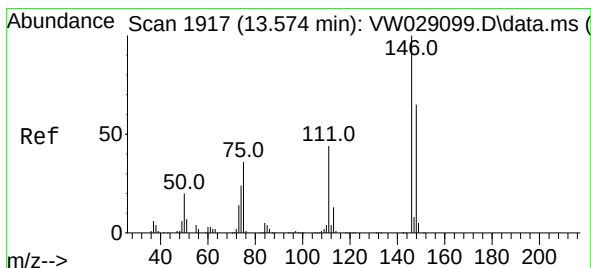
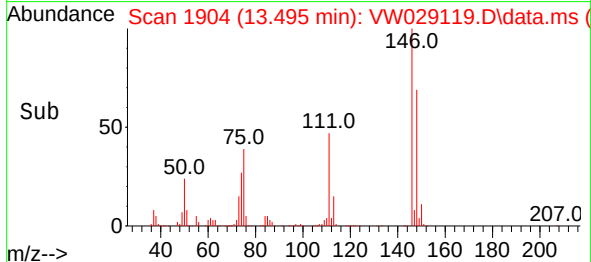
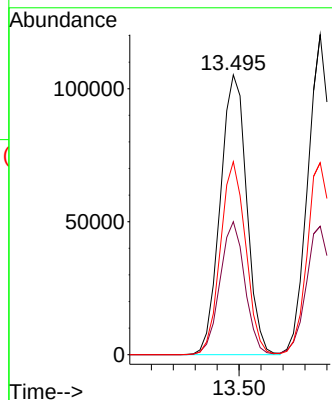
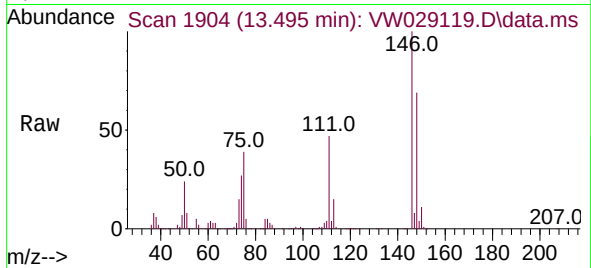




#64
1,3-Dichlorobenzene
Concen: 24.312 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

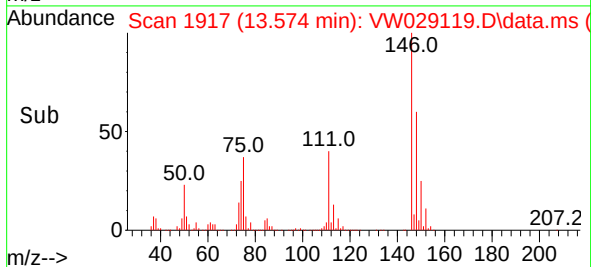
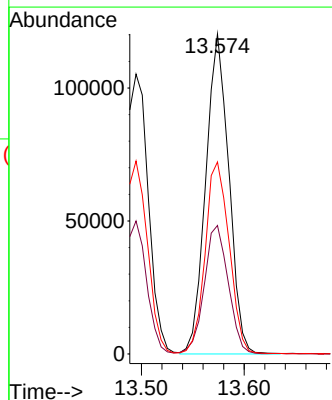
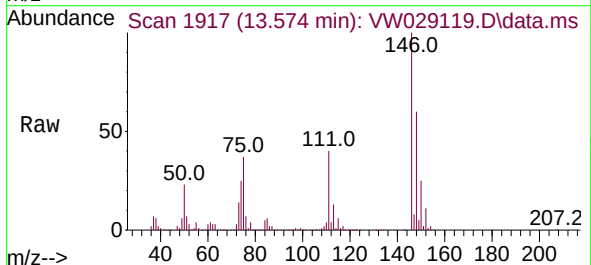
Instrument :
MSVOA_W
ClientSampleId :

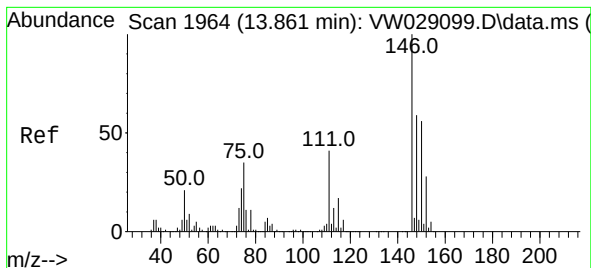
Tgt Ion:146 Resp: 175924
Ion Ratio Lower Upper
146 100
111 47.5 29.4 54.6
148 69.0 42.5 78.9



#65
1,4-Dichlorobenzene
Concen: 24.922 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

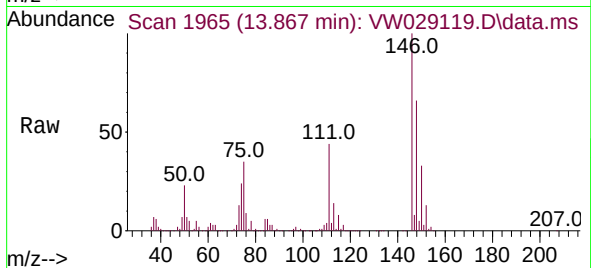
Tgt Ion:146 Resp: 188352
Ion Ratio Lower Upper
146 100
111 40.2 27.5 51.1
148 60.0 39.5 73.3



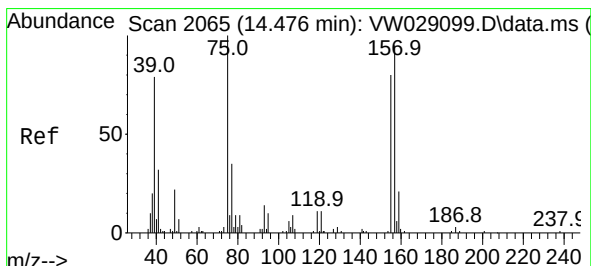
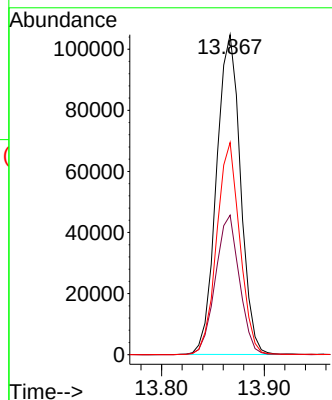
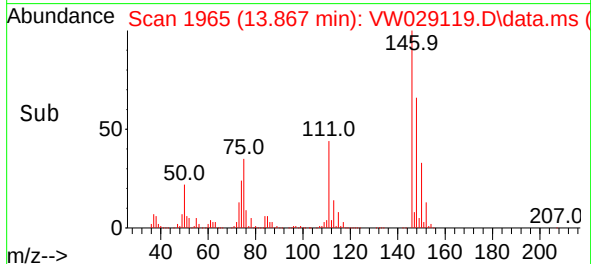


#67
1,2-Dichlorobenzene
Concen: 26.202 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07

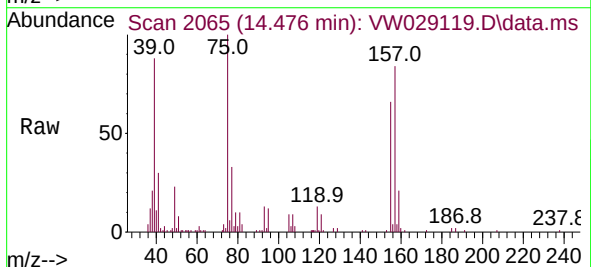
Instrument :
MSVOA_W
ClientSampleId :



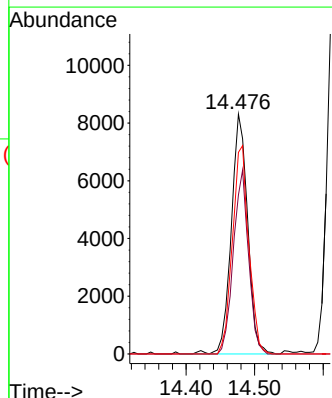
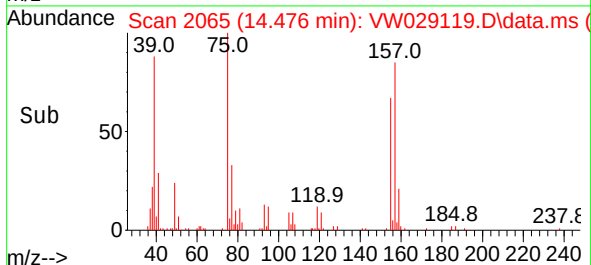
Tgt Ion:146 Resp: 169939
Ion Ratio Lower Upper
146 100
111 43.6 32.8 49.2
148 66.3 48.2 72.4

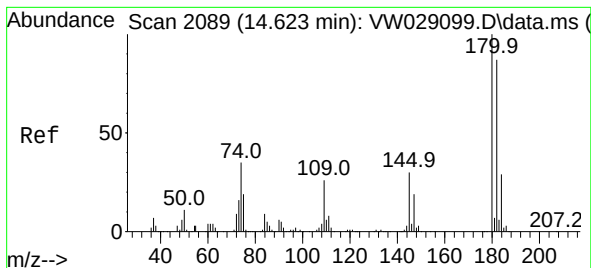


#68
1,2-Dibromo-3-chloropropane
Concen: 28.830 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029119.D
Acq: 13 Jun 2024 12:07



Tgt Ion: 75 Resp: 13791
Ion Ratio Lower Upper
75 100
155 66.3 52.3 78.5
157 84.1 71.0 106.4





#69

1,3,5-Trichlorobenzene

Concen: 25.443 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

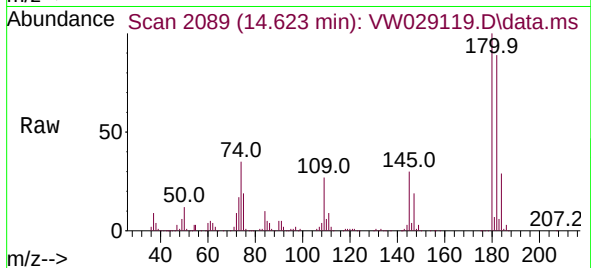
Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 126409

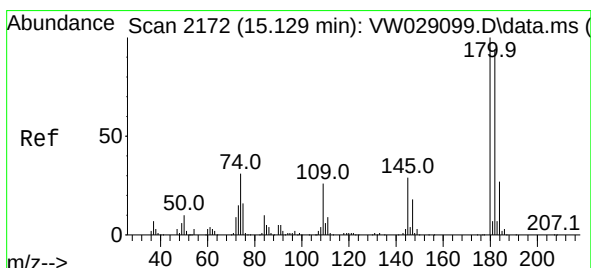
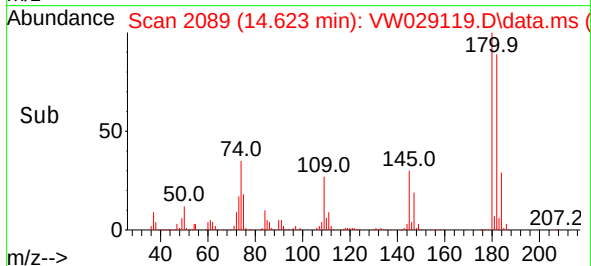
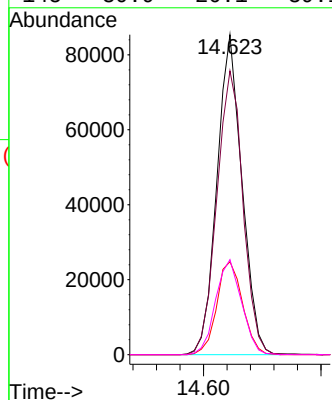
Ion Ratio Lower Upper

180 100

182 92.7 77.4 116.0

184 30.0 24.6 36.8

145 30.9 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 25.103 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

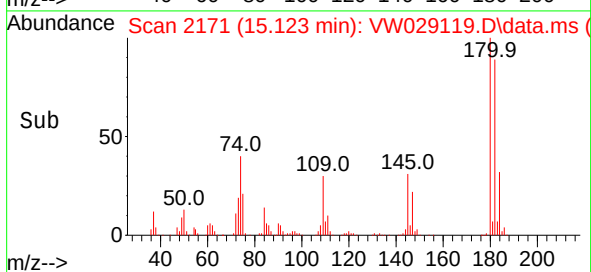
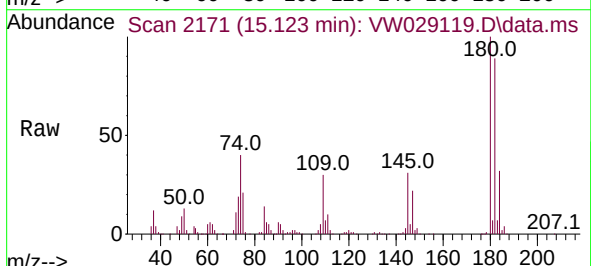
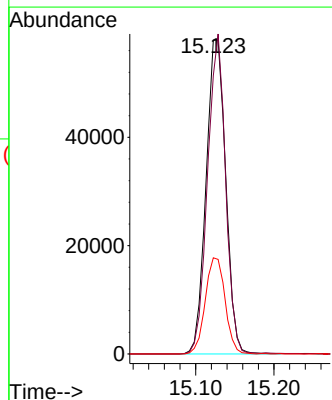
Tgt Ion:180 Resp: 101085

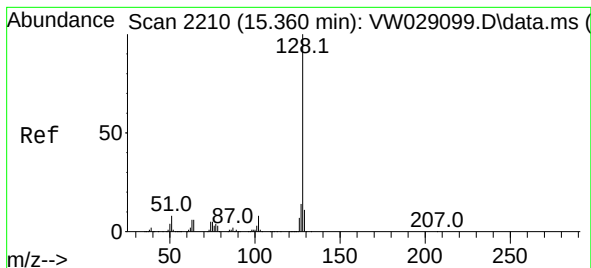
Ion Ratio Lower Upper

180 100

182 93.2 75.3 112.9

145 30.8 26.2 39.2





#71

Naphthalene

Concen: 28.901 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

Instrument :

MSVOA_W

ClientSampleId :

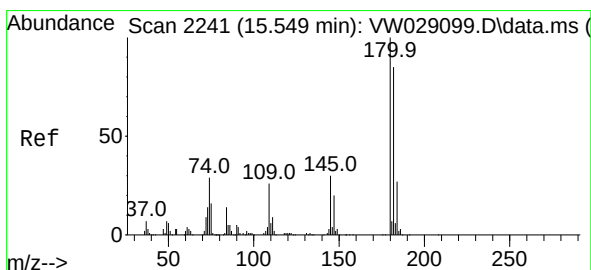
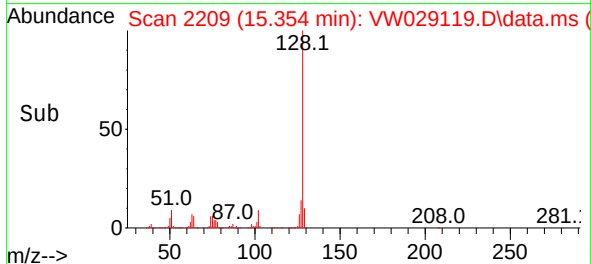
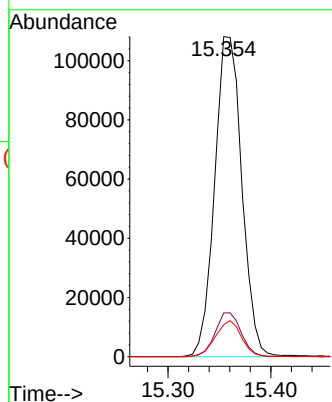
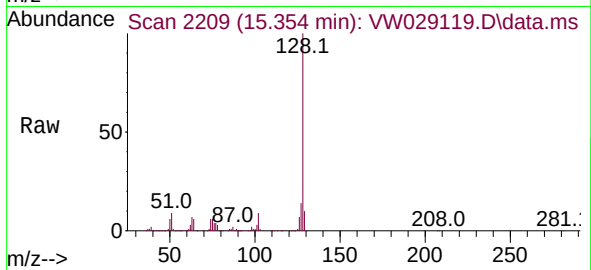
Tgt Ion:128 Resp: 198286

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 10.8 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 25.641 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW029119.D

Acq: 13 Jun 2024 12:07

Tgt Ion:180 Resp: 88214

Ion Ratio Lower Upper

180 100

182 96.4 75.4 113.0

145 34.5 26.6 39.8

