

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
 Data File : VW029197.D
 Acq On : 18 Jun 2024 22:49
 Operator : SY/MD
 Sample : P2934-07MSD
 Misc : 5.21g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4B72MSD

Quant Time: Jun 19 01:54:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 01:46:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	356884	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	270232	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	80946	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	93696	18.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.880%
7) Chloroethane-d5	2.899	69	81209	19.468	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.880%
11) 1,1-Dichloroethene-d2	4.021	65	43465	18.224	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.880%
21) 2-Butanone-d5	7.075	46	46537	31.489	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.980%
24) Chloroform-d	7.648	84	215199	20.214	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.840%
26) 1,2-Dichloroethane-d4	8.307	65	120685	19.744	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.960%
32) Benzene-d6	8.276	84	393787	23.991	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.960%
36) 1,2-Dichloropropane-d6	9.270	67	129066	24.736	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.960%
41) Toluene-d8	10.325	98	328209	22.601	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	10.575	79	25888	12.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	49.240%
47) 2-Hexanone-d5	10.922	63	16991	20.773	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77508	18.665	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	56132	19.978	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	59232	17.012	ug/L	95
3) Chloromethane	2.222	50	58296	11.742	ug/L	98
5) Vinyl chloride	2.375	62	100895	17.697	ug/L	99
6) Bromomethane	2.789	94	28463	8.306	ug/L	90
8) Chloroethane	2.936	64	67149	19.256	ug/L	100
9) Trichlorofluoromethane	3.265	101	91896	20.790	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	79529	16.319	ug/L #	65
12) 1,1-Dichloroethene	4.045	96	73789	17.844	ug/L	90
13) Acetone	4.118	43	37970	30.232	ug/L	95
14) Carbon disulfide	4.393	76	170926	12.662	ug/L	99
15) Methyl Acetate	4.673	43	18347	7.358	ug/L	97
16) Methylene chloride	4.917	84	109995	17.528	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	83901	18.270	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	164564	22.398	ug/L	98
19) 1,1-Dichloroethane	6.222	63	193659	19.525	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	95254	18.809	ug/L	95
22) 2-Butanone	7.173	43	45718	26.555	ug/L	98
23) Bromochloromethane	7.520	128	42766	18.970	ug/L	89
25) Chloroform	7.679	83	188926	19.507	ug/L	99

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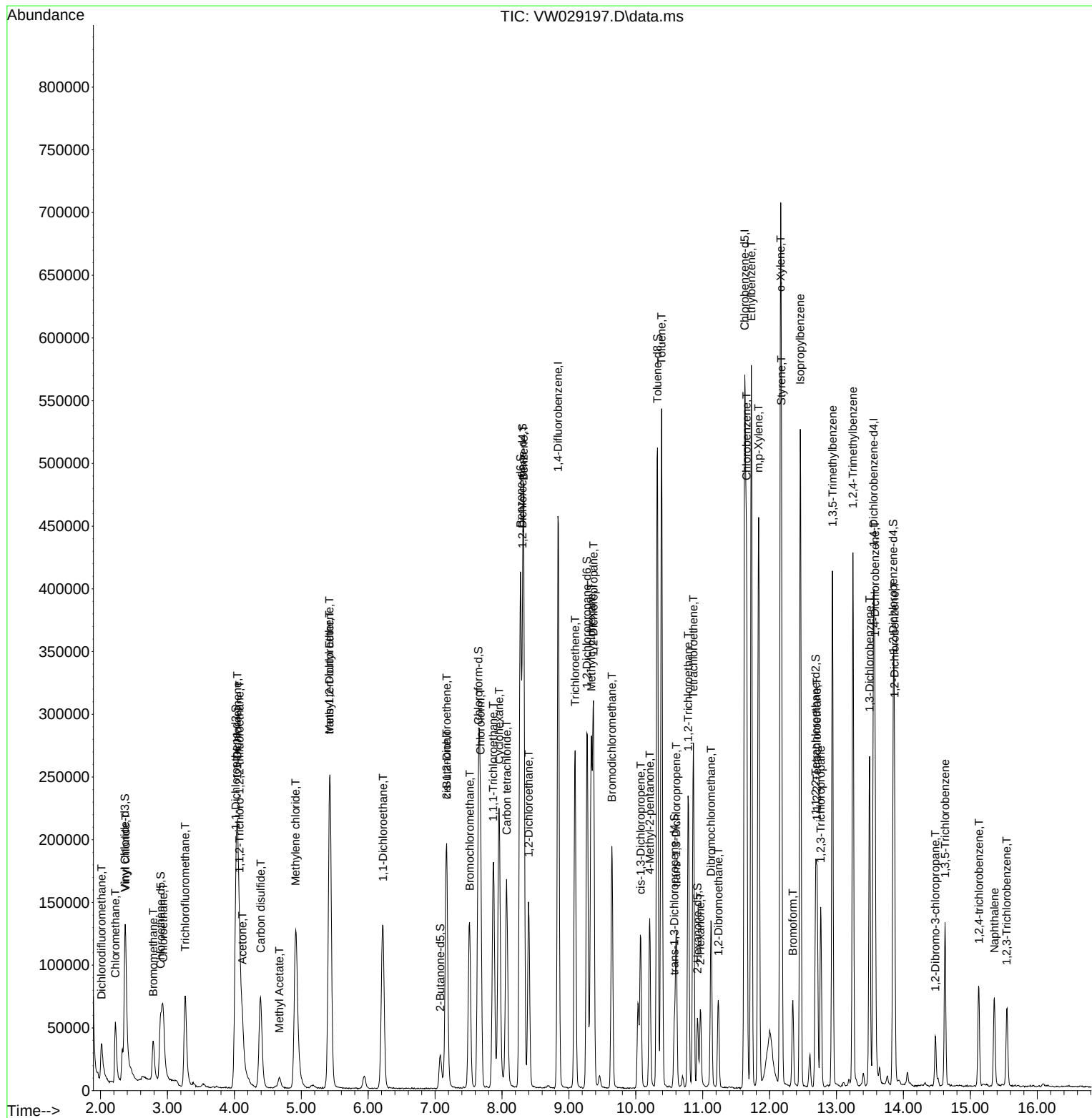
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	133563	18.698	ug/L	100
29) Cyclohexane	7.959	56	126489	20.475	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	144903	24.114	ug/L	96
31) Carbon tetrachloride	8.069	117	119389	21.749	ug/L	98
33) Benzene	8.325	78	381360	23.487	ug/L	100
34) Trichloroethene	9.093	95	91541	21.132	ug/L	97
35) Methylcyclohexane	9.337	83	98567	14.468	ug/L	98
37) 1,2-Dichloropropane	9.367	63	109622	24.027	ug/L	99
38) Bromodichloromethane	9.642	83	126294	22.640	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	67759	10.506	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	92129	32.579	ug/L	99
42) Toluene	10.386	91	372239	22.300	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	65449	12.018	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	70170	22.083	ug/L	95
46) Tetrachloroethene	10.861	164	55091	18.193	ug/L	91
48) 2-Hexanone	10.965	43	40679	20.273	ug/L	97
49) Dibromochloromethane	11.123	129	66595	20.049	ug/L	99
50) 1,2-Dibromoethane	11.233	107	47087	16.508	ug/L	100
51) Chlorobenzene	11.654	112	199665	18.420	ug/L	97
52) Ethylbenzene	11.727	91	379863	20.048	ug/L	100
53) m,p-Xylene	11.836	106	137486	19.865	ug/L	99
54) o-Xylene	12.166	106	132555	20.493	ug/L	99
55) Styrene	12.178	104	155659	13.802	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	71451	18.178	ug/L	97
59) Bromoform	12.349	173	29640	26.717	ug/L	96
60) Isopropylbenzene	12.458	105	320389	29.705	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	57234	32.417	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	205589	26.319	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	211296	25.141	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	97565	20.903	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	96509	19.433	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	80386	18.629	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	9708	23.562	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	35048	11.126	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	23292	9.121	ug/L	99
71) Naphthalene	15.360	128	57904	11.489	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	17746	7.627	ug/L	94

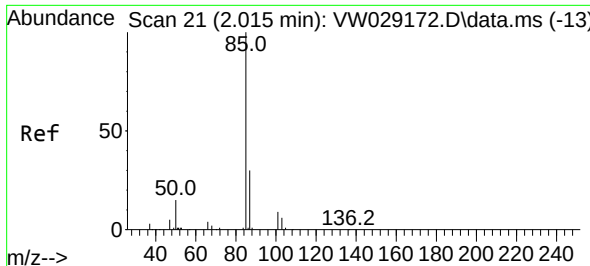
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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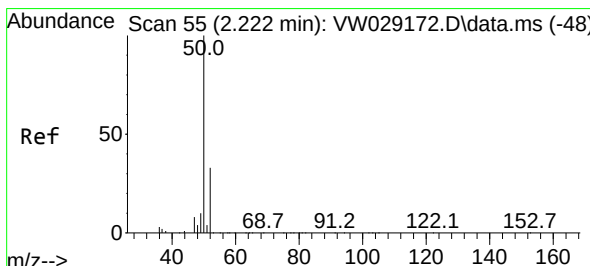
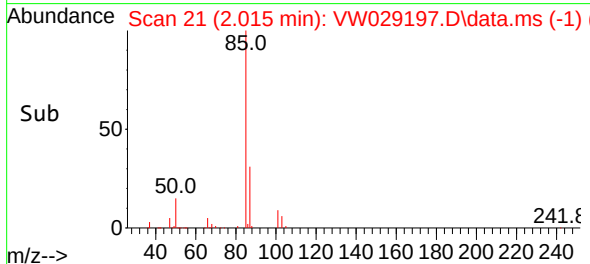
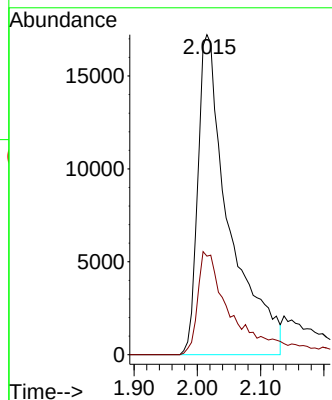
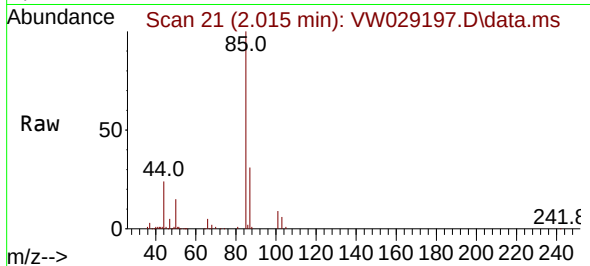




#2
Dichlorodifluoromethane
Concen: 17.012 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

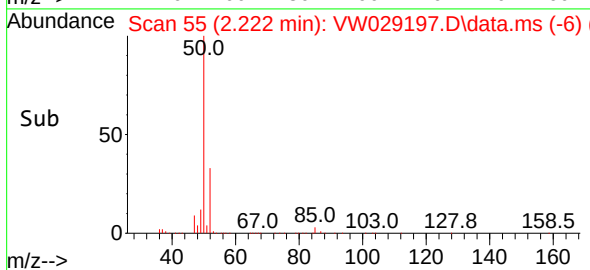
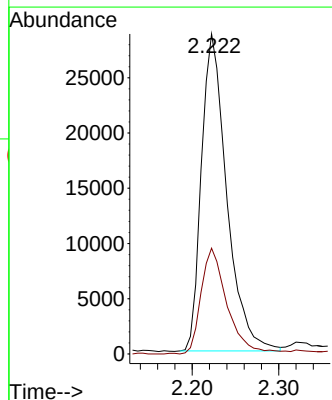
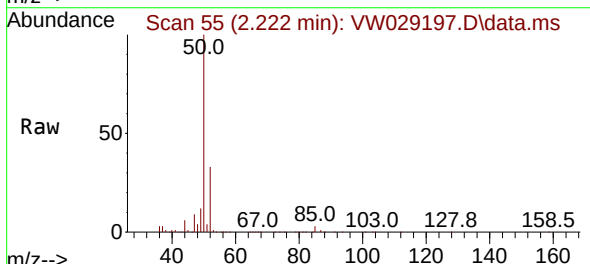
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MSVOA_W
ClientSampleId :
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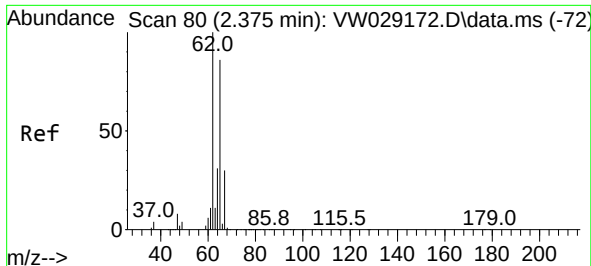
Tgt Ion: 85 Resp: 59232
Ion Ratio Lower Upper
85 100
87 27.0 23.8 35.6



#3
Chloromethane
Concen: 11.742 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

Tgt Ion: 50 Resp: 58296
Ion Ratio Lower Upper
50 100
52 33.1 22.3 41.5

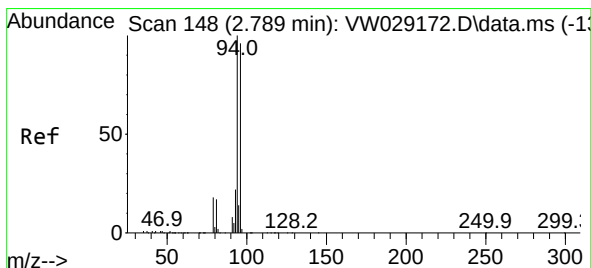
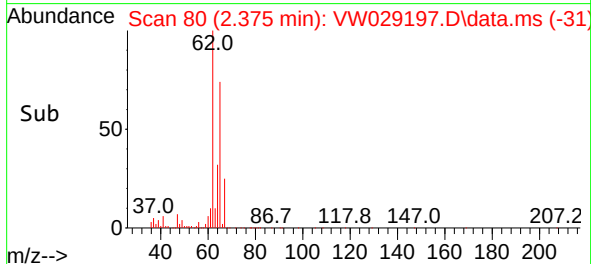
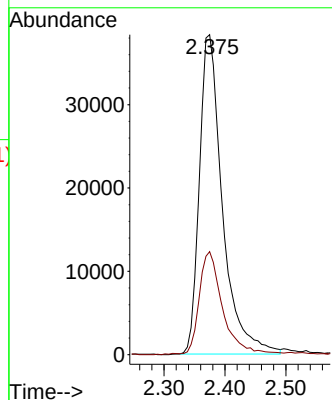
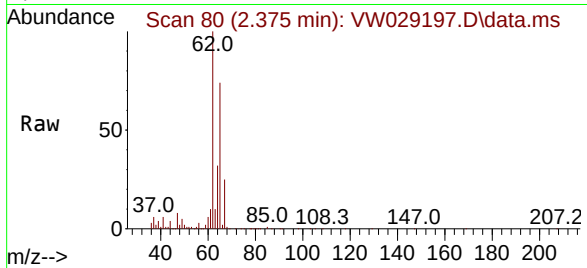




#5
 Vinyl chloride
 Concen: 17.697 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029197.D
 Acq: 18 Jun 2024 22:49

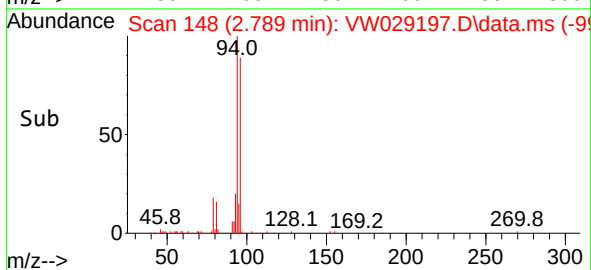
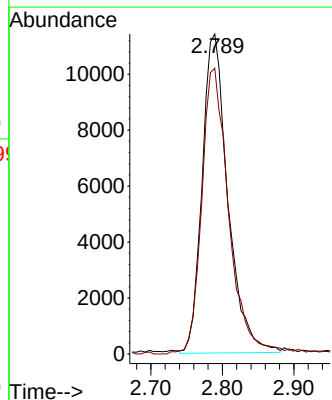
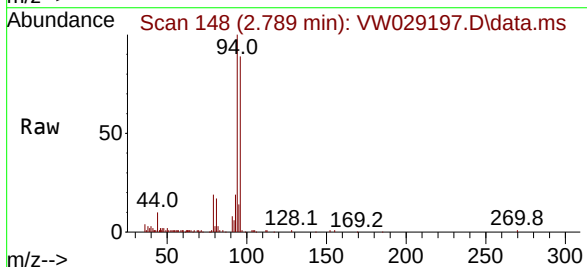
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 ClientSampleId :
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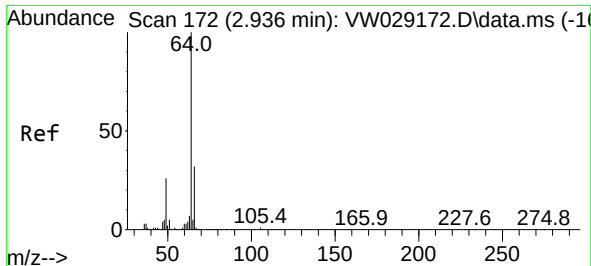
Tgt Ion: 62 Resp: 100895
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.0 40.8



#6
 Bromomethane
 Concen: 8.306 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029197.D
 Acq: 18 Jun 2024 22:49

Tgt Ion: 94 Resp: 28463
 Ion Ratio Lower Upper
 94 100
 96 89.3 69.5 129.1

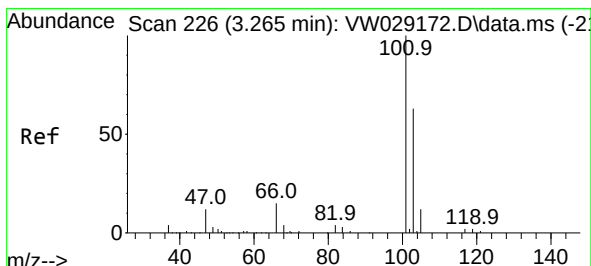
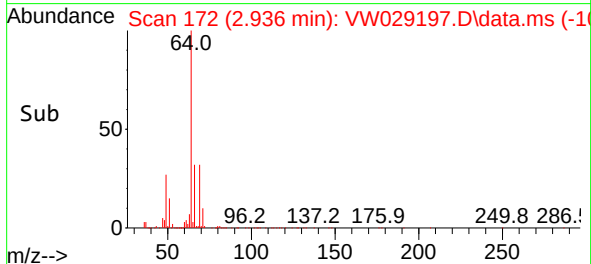
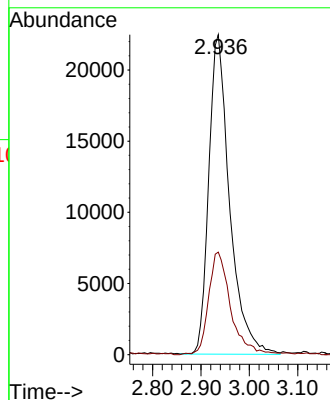
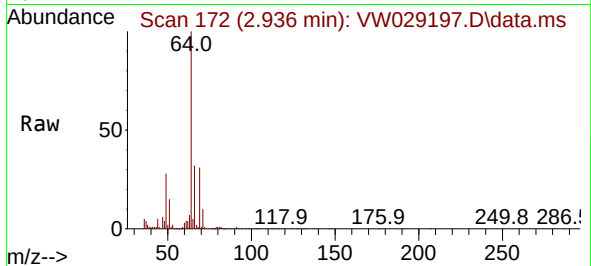




#8
Chloroethane
Concen: 19.256 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

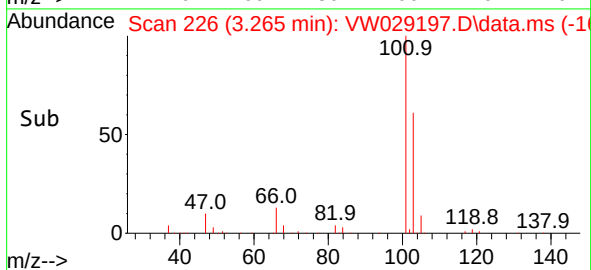
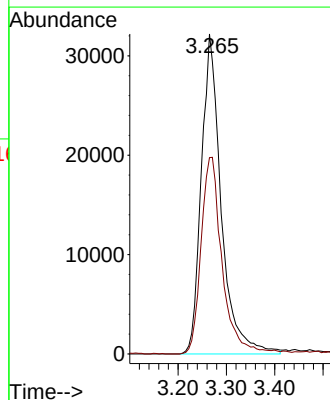
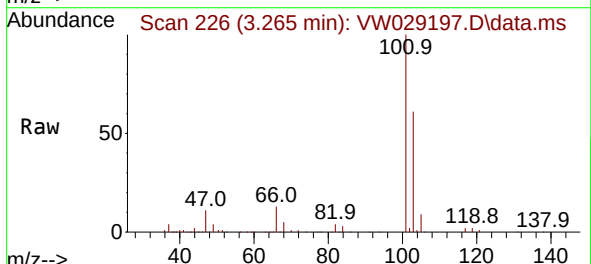
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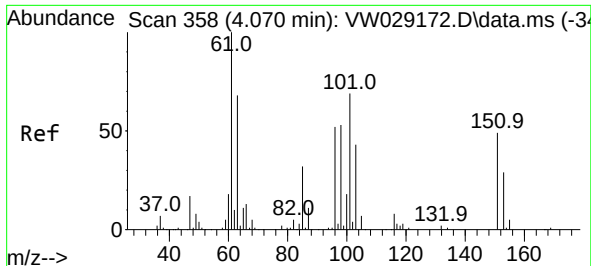
Tgt Ion: 64 Resp: 67149
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 20.790 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

Tgt Ion:101 Resp: 91896
Ion Ratio Lower Upper
101 100
103 64.7 50.8 76.2

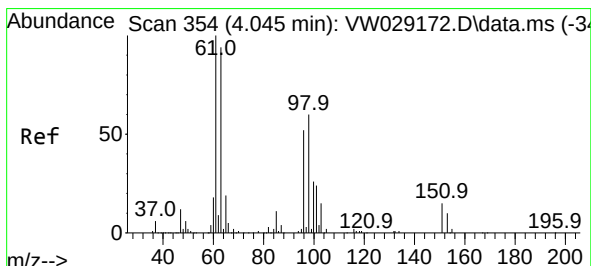
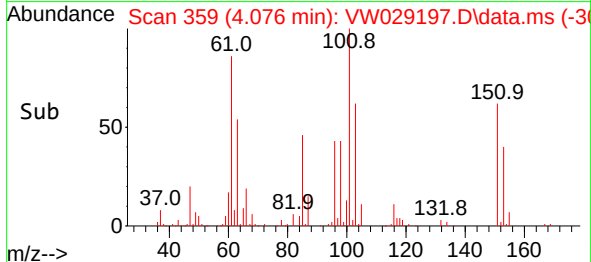
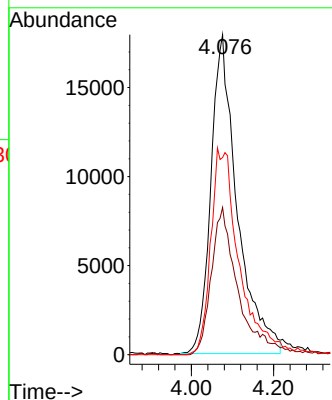
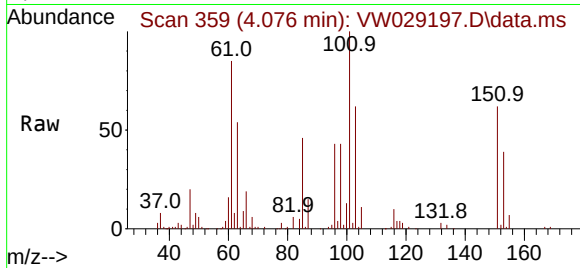




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 16.319 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW029197.D
 Acq: 18 Jun 2024 22:49

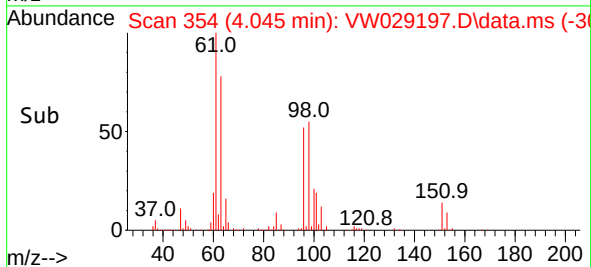
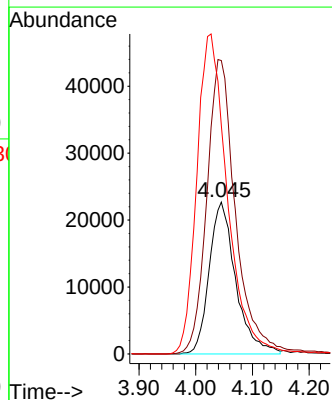
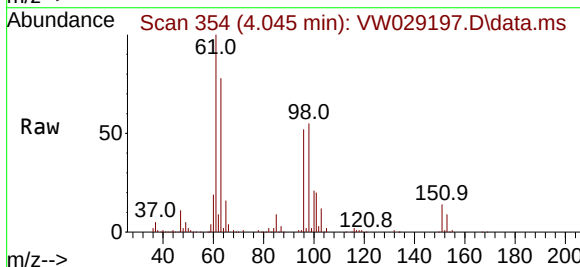
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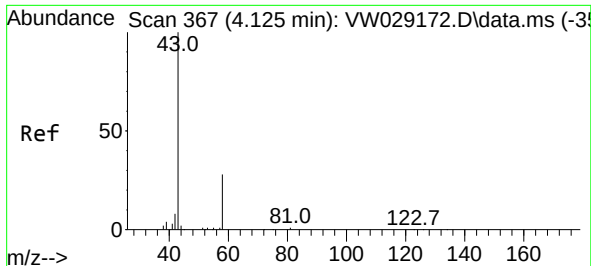
Tgt Ion:101 Resp: 79529
 Ion Ratio Lower Upper
 101 100
 85 42.3 30.2 45.2
 151 25.2 52.2 78.4#



#12
 1,1-Dichloroethene
 Concen: 17.844 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW029197.D
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Tgt Ion: 96 Resp: 73789
 Ion Ratio Lower Upper
 96 100
 61 193.3 140.1 260.3
 63 150.5 122.0 226.6

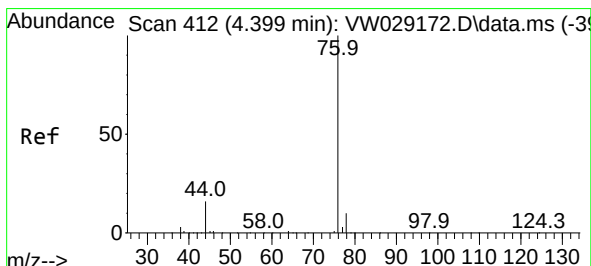
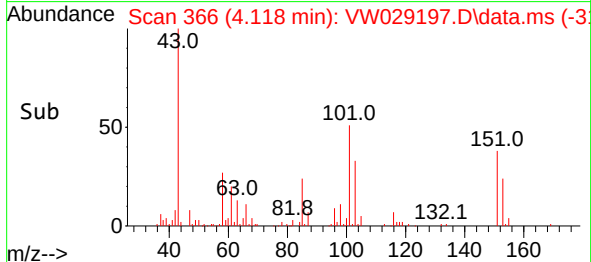
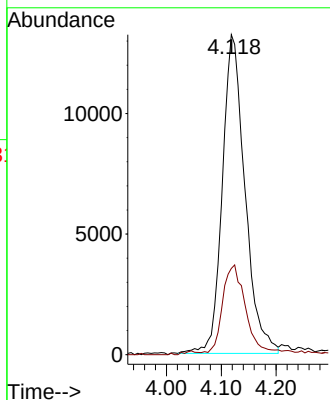
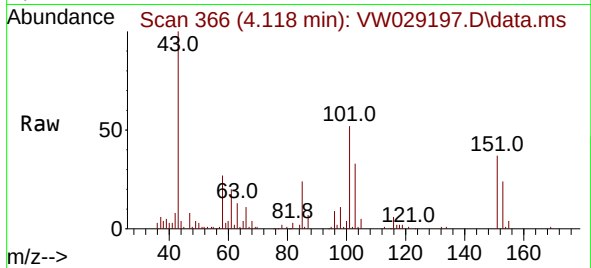




#13
Acetone
Concen: 30.232 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

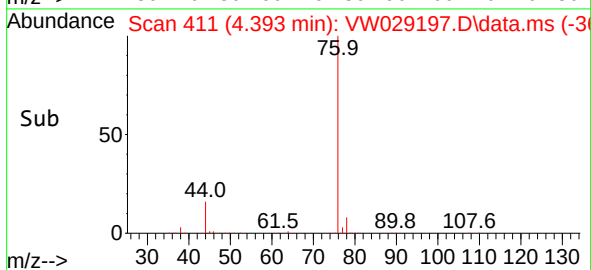
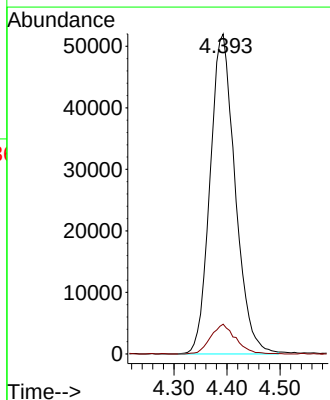
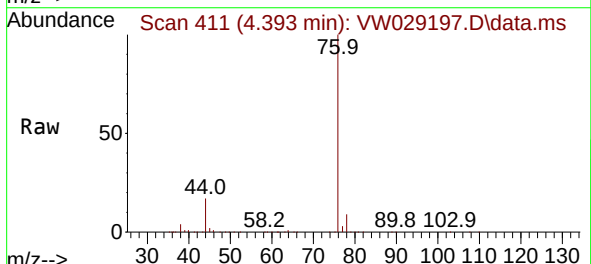
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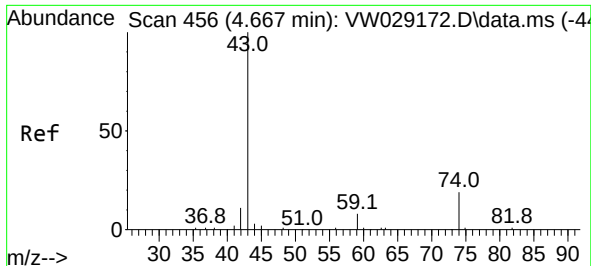
Tgt Ion: 43 Resp: 37970
Ion Ratio Lower Upper
43 100
58 27.9 0.0 61.4



#14
Carbon disulfide
Concen: 12.662 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 170926
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

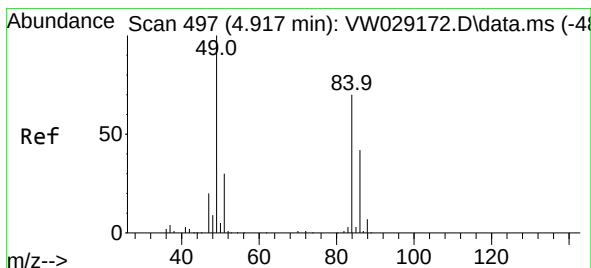
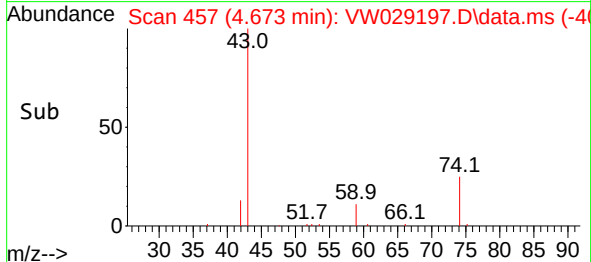
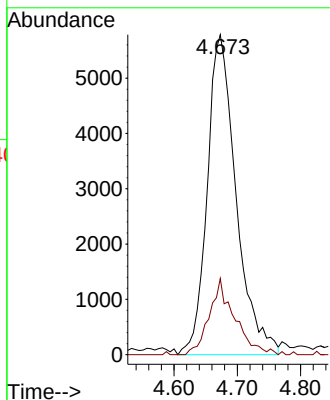
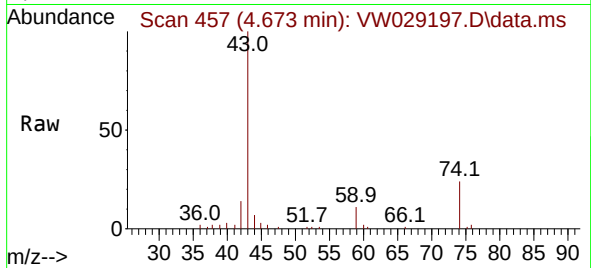




#15
Methyl Acetate
Concen: 7.358 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

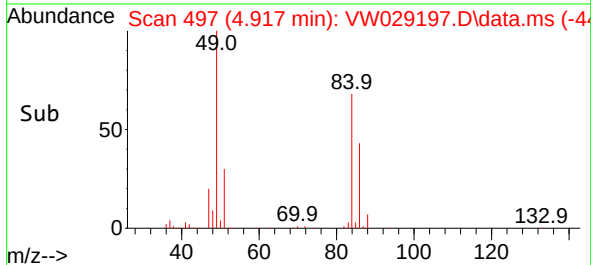
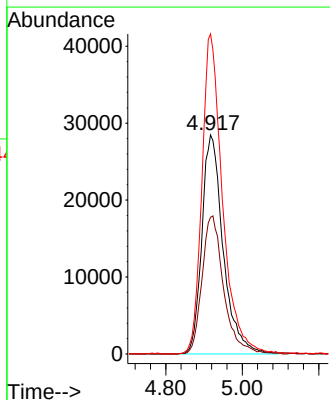
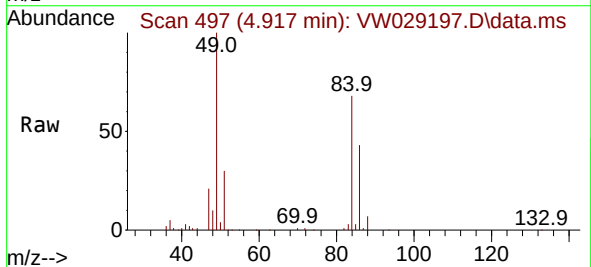
Instrument :
MSVOA_W
ClientSampleId :
A4B72MSD

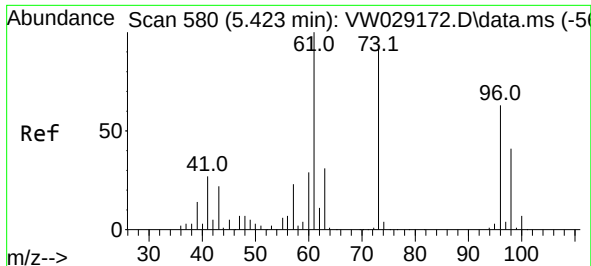
Tgt Ion: 43 Resp: 18347
Ion Ratio Lower Upper
43 100
74 19.6 16.6 25.0



#16
Methylene chloride
Concen: 17.528 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

Tgt Ion: 84 Resp: 109995
Ion Ratio Lower Upper
84 100
86 62.4 41.4 77.0
49 146.1 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 18.270 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.000 min

Lab File: VW029197.D

Acq: 18 Jun 2024 22:49

Instrument :

MSVOA_W

ClientSampleId :

A4B72MSD

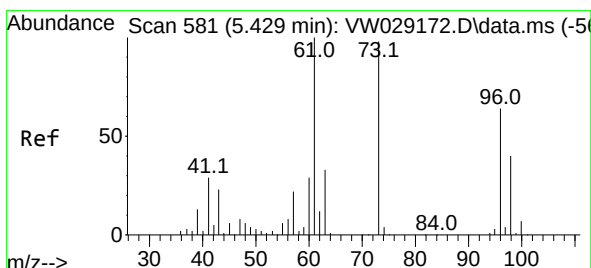
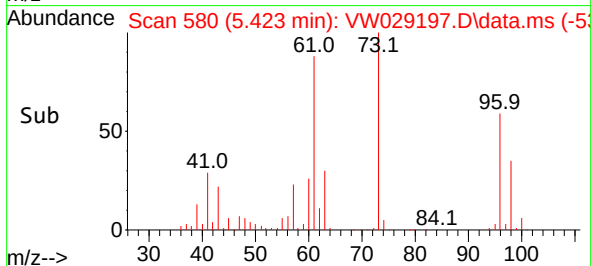
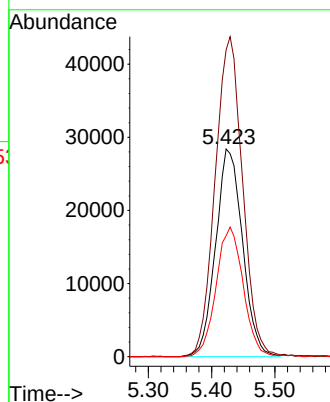
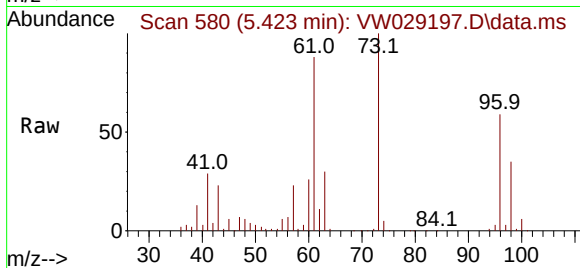
Tgt Ion: 96 Resp: 83901

Ion Ratio Lower Upper

96 100

61 147.7 101.5 188.5

98 58.2 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 22.398 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029197.D

Acq: 18 Jun 2024 22:49

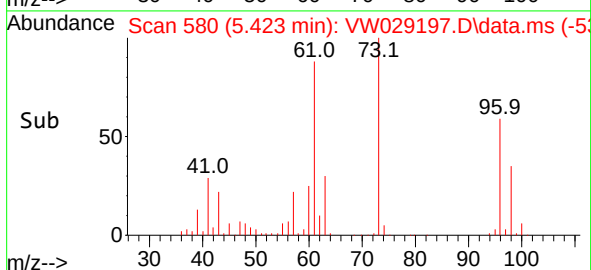
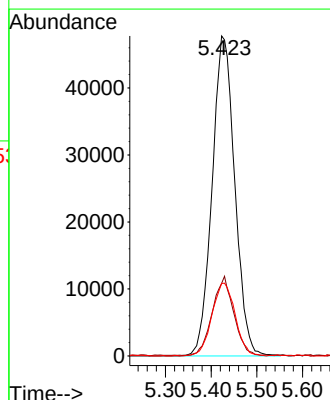
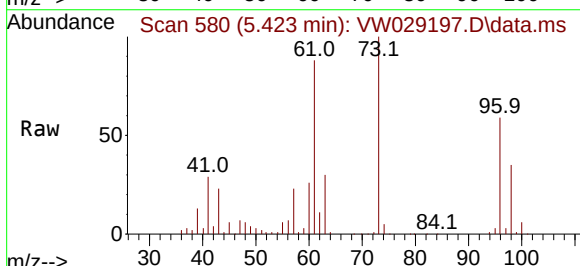
Tgt Ion: 73 Resp: 164564

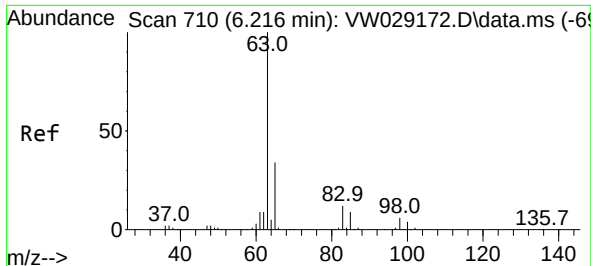
Ion Ratio Lower Upper

73 100

43 23.1 19.5 29.3

57 23.4 18.4 27.6

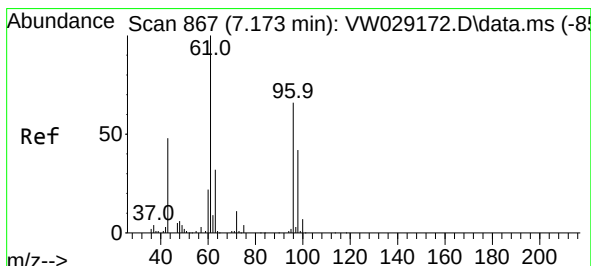
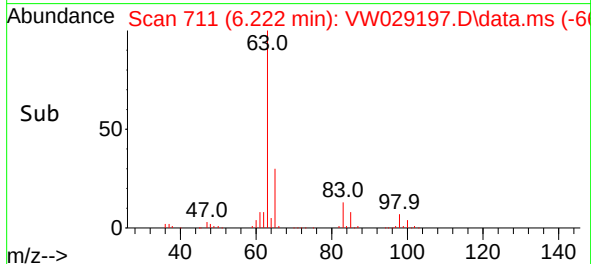
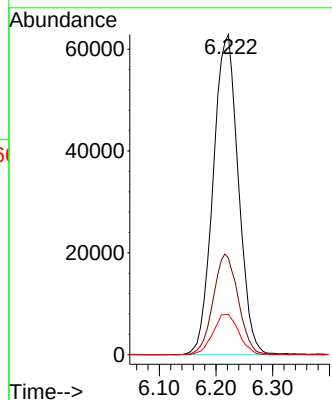
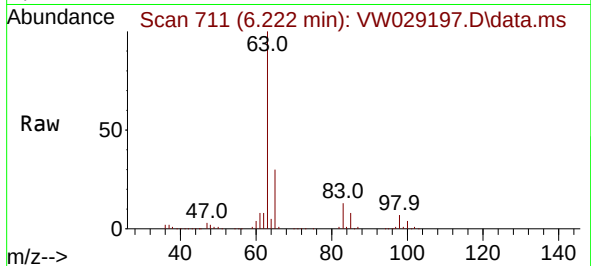




#19
1,1-Dichloroethane
Concen: 19.525 ug/L
RT: 6.222 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

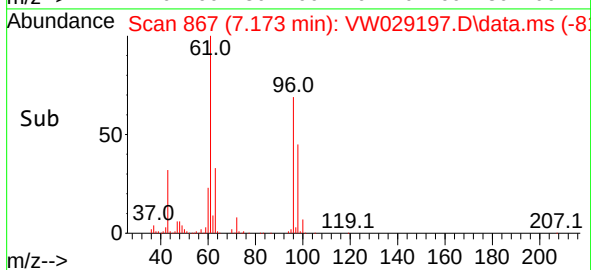
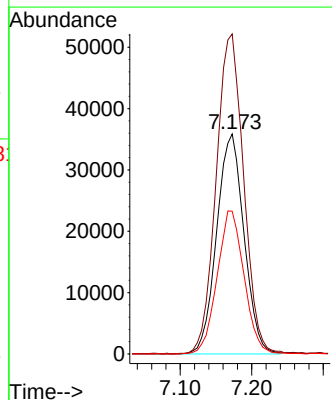
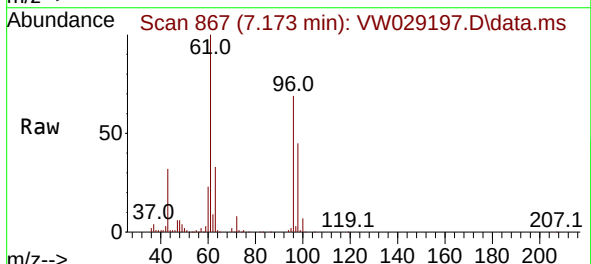
Instrument :
MSVOA_W
ClientSampleId :
A4B72MSD

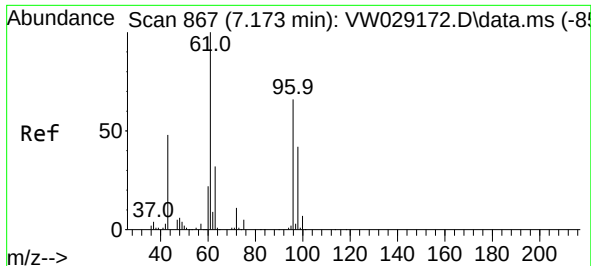
Tgt Ion: 63 Resp: 193659
Ion Ratio Lower Upper
63 100
65 30.2 23.4 43.4
83 12.6 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 18.809 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

Tgt Ion: 96 Resp: 95254
Ion Ratio Lower Upper
96 100
61 145.4 97.8 181.6
98 64.9 43.0 79.8

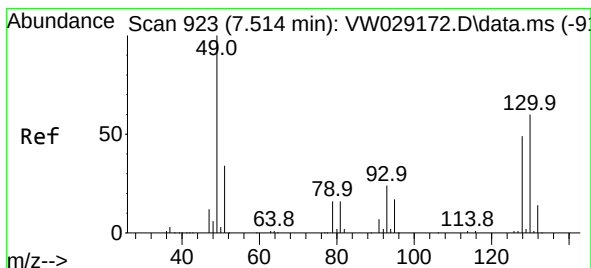
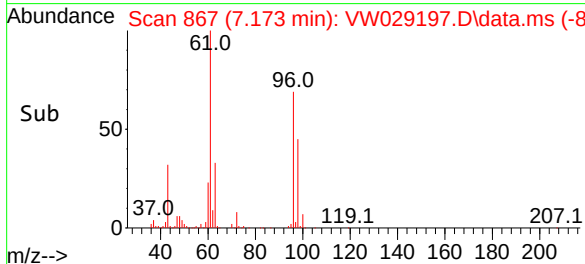
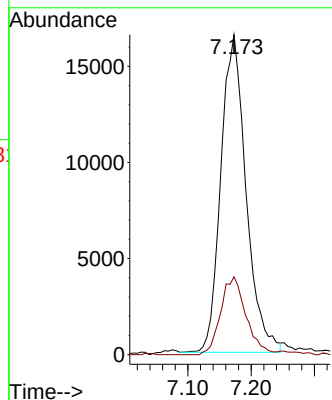
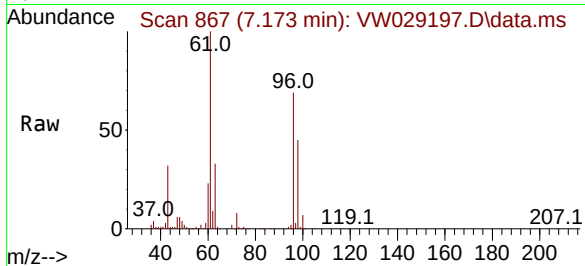




#22
2-Butanone
Concen: 26.555 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

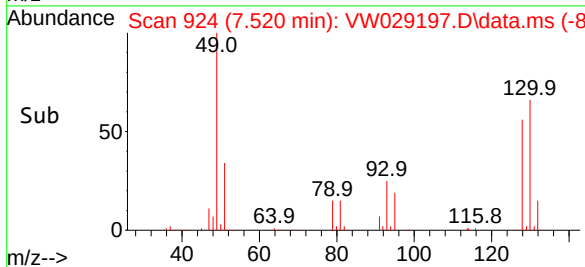
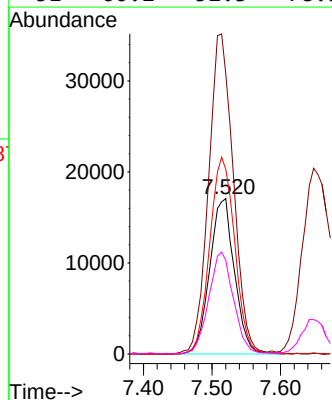
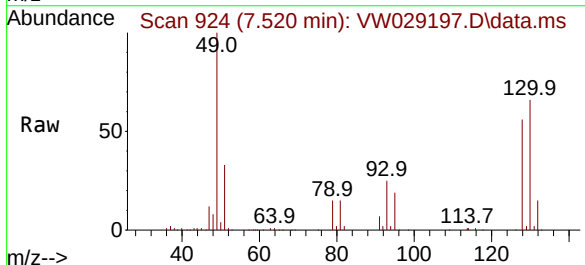
Instrument :
MSVOA_W
ClientSampleId :
A4B72MSD

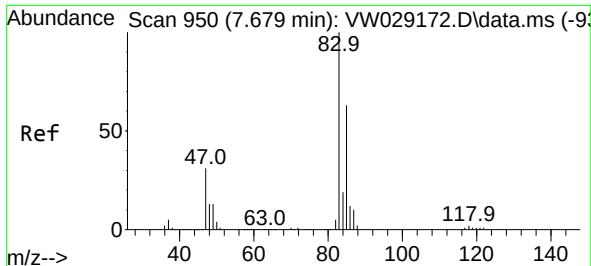
Tgt Ion: 43 Resp: 45718
Ion Ratio Lower Upper
43 100
72 24.6 11.9 35.7



#23
Bromochloromethane
Concen: 18.970 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

Tgt Ion: 128 Resp: 42766
Ion Ratio Lower Upper
128 100
49 180.1 142.6 264.8
130 118.9 79.7 148.1
51 60.2 52.3 78.5

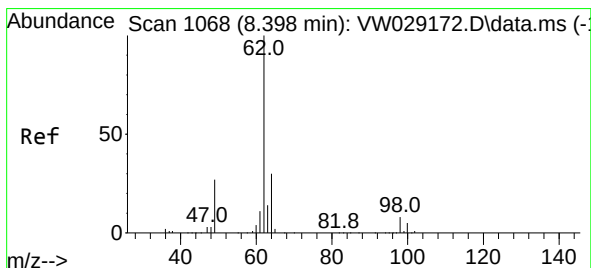
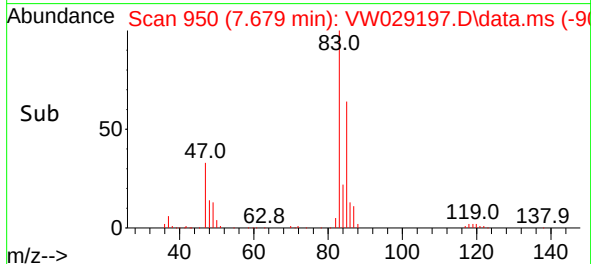
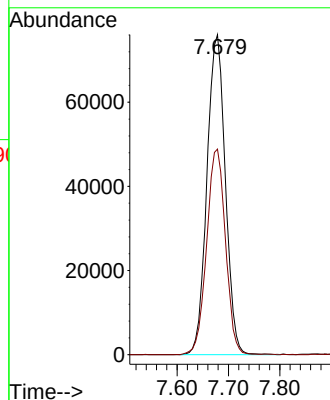
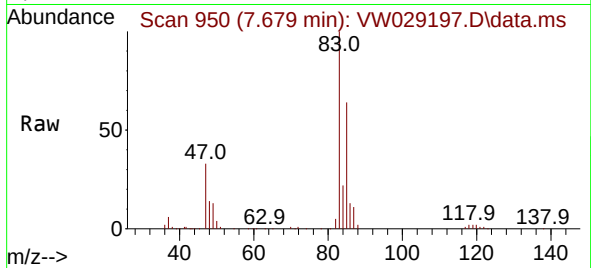




#25
Chloroform
Concen: 19.507 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

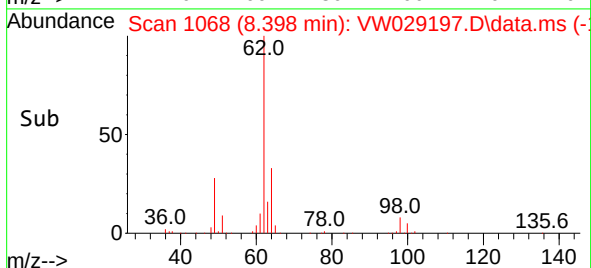
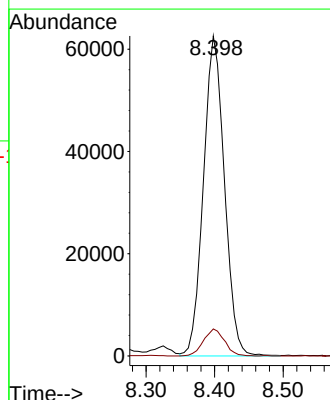
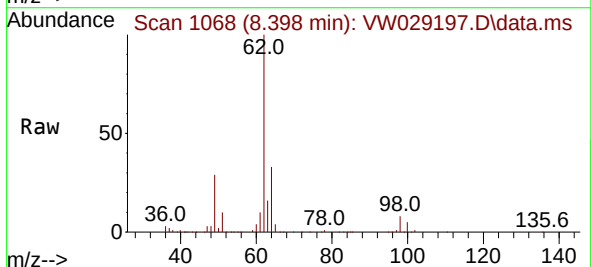
Instrument :
MSVOA_W
ClientSampleId :
A4B72MSD

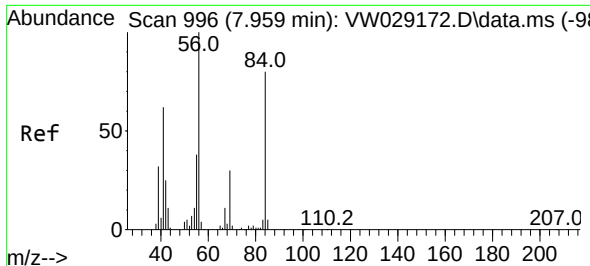
Tgt Ion: 83 Resp: 188926
Ion Ratio Lower Upper
83 100
85 64.3 44.4 82.4



#27
1,2-Dichloroethane
Concen: 18.698 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

Tgt Ion: 62 Resp: 133563
Ion Ratio Lower Upper
62 100
98 8.5 6.6 10.0





#29

Cyclohexane

Concen: 20.475 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW029197.D

Acq: 18 Jun 2024 22:49

Instrument :

MSVOA_W

ClientSampleId :

A4B72MSD

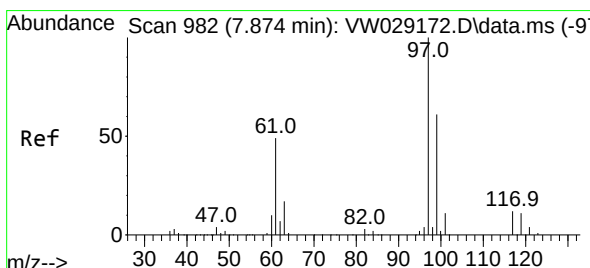
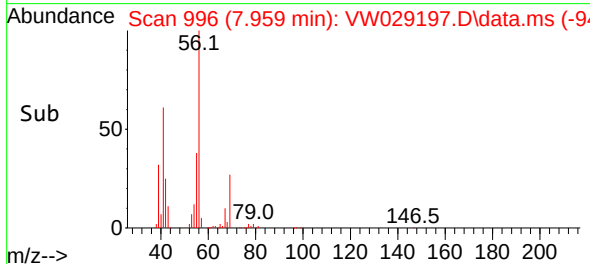
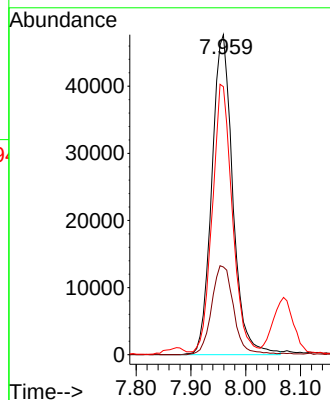
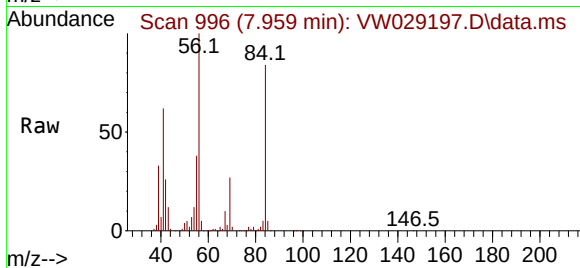
Tgt Ion: 56 Resp: 126489

Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 81.1 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 24.114 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW029197.D

Acq: 18 Jun 2024 22:49

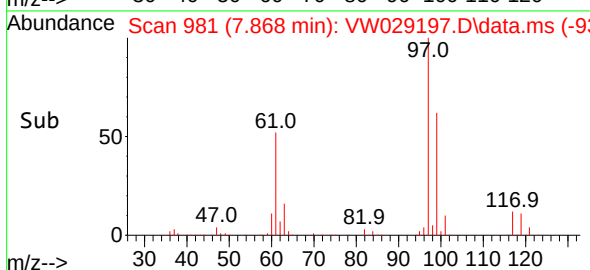
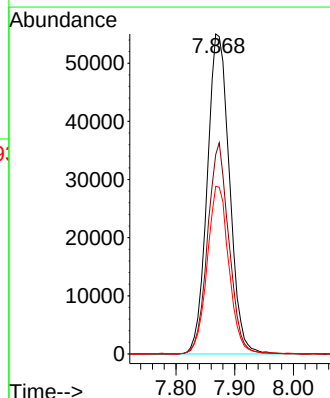
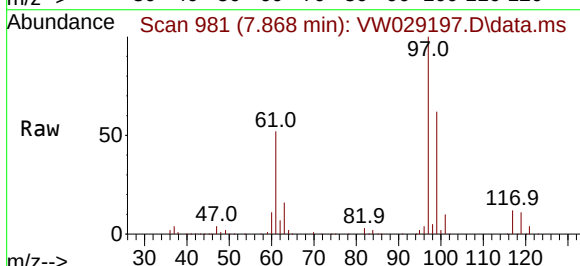
Tgt Ion: 97 Resp: 144903

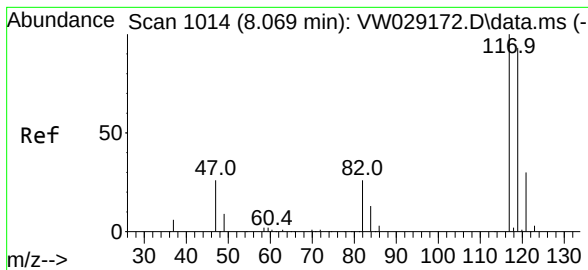
Ion Ratio Lower Upper

97 100

99 63.0 53.0 79.4

61 51.3 43.0 64.4

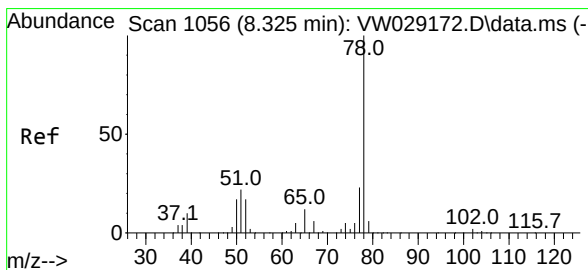
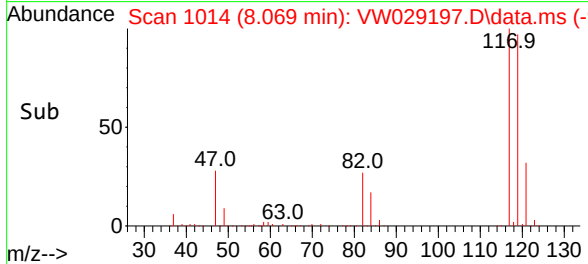
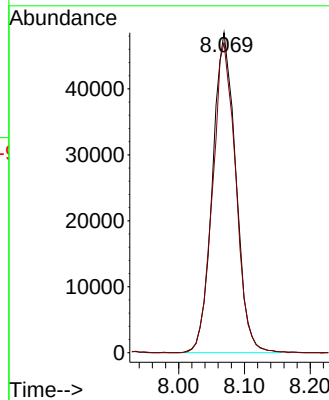
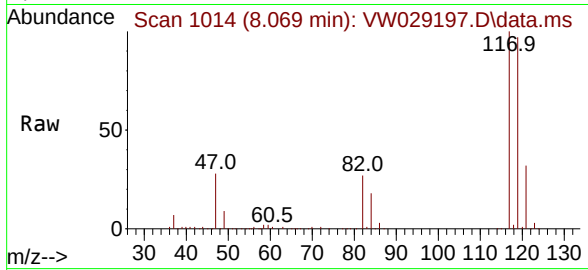




#31
Carbon tetrachloride
Concen: 21.749 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

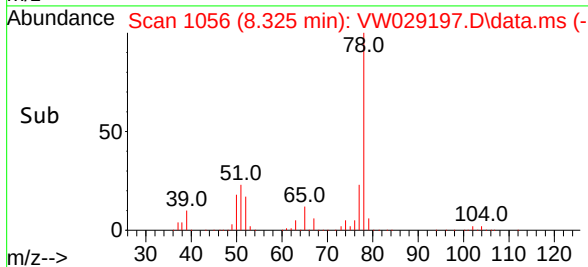
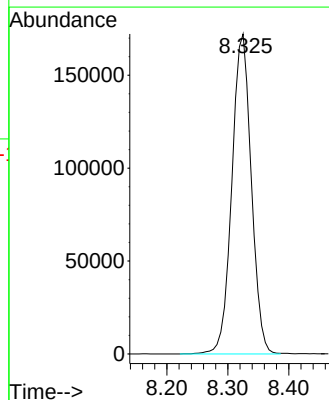
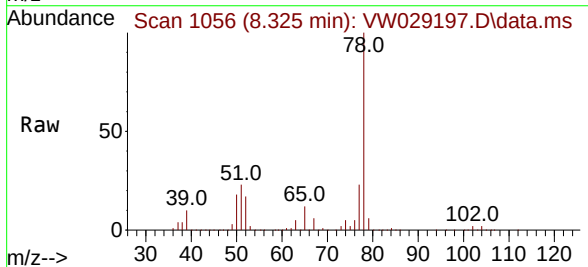
Instrument :
MSVOA_W
ClientSampleId :
A4B72MSD

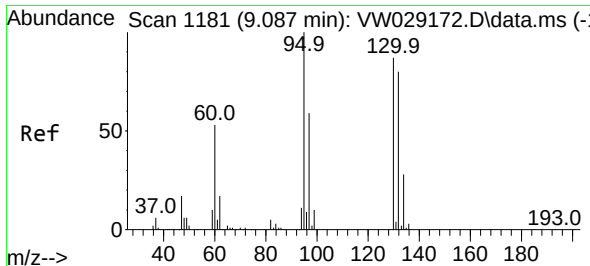
Tgt Ion:117 Resp: 119389
Ion Ratio Lower Upper
117 100
119 96.4 79.0 118.4



#33
Benzene
Concen: 23.487 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

Tgt Ion: 78 Resp: 381360



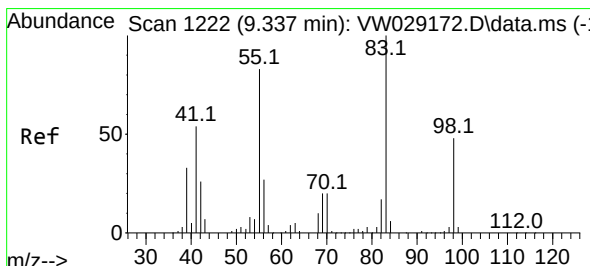
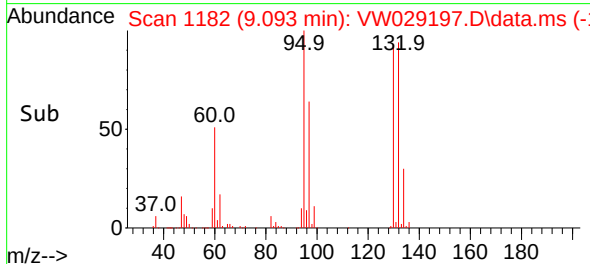
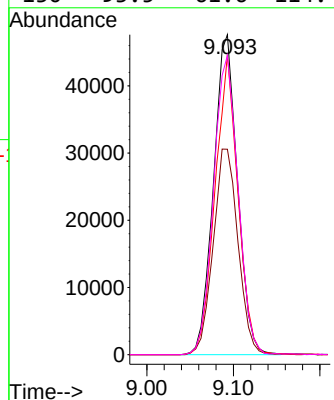
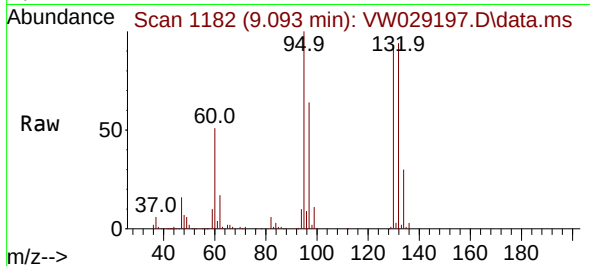


#34
Trichloroethene
Concen: 21.132 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

Instrument :
MSVOA_W
ClientSampleId :
A4B72MSD

Tgt Ion: 95 Resp: 91541

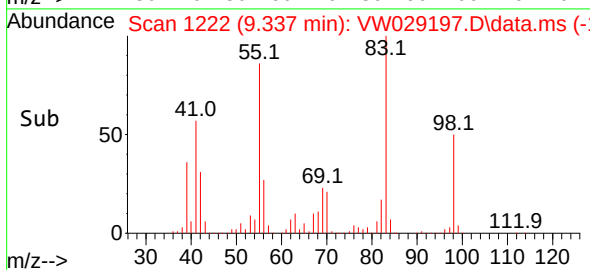
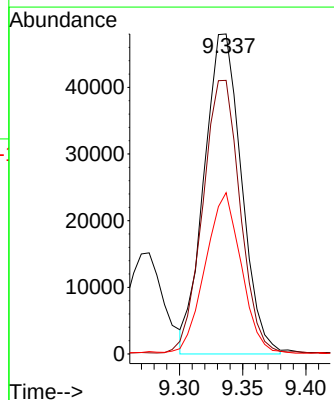
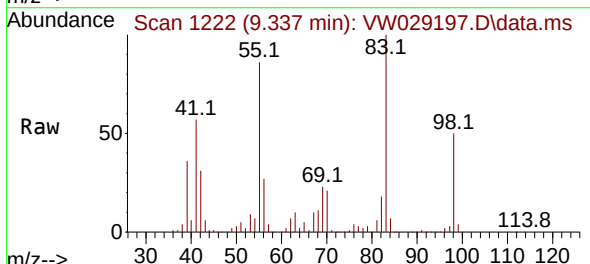
Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.7	84.9
132	93.7	66.4	123.4
130	93.5	61.6	114.4

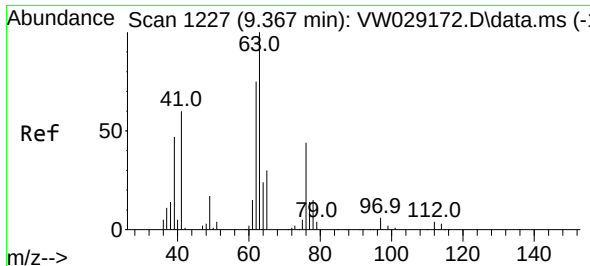


#35
Methylcyclohexane
Concen: 14.468 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

Tgt Ion: 83 Resp: 98567

Ion	Ratio	Lower	Upper
83	100		
55	84.9	69.5	104.3
98	48.0	38.0	57.0





#37

1,2-Dichloropropane

Concen: 24.027 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029197.D

Acq: 18 Jun 2024 22:49

Instrument :

MSVOA_W

ClientSampleId :

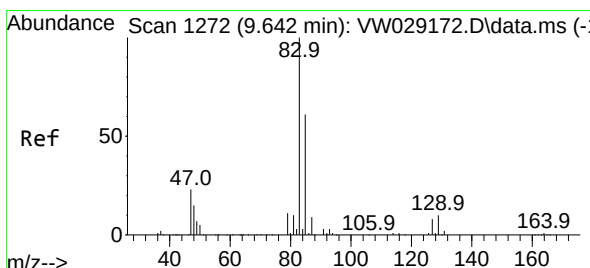
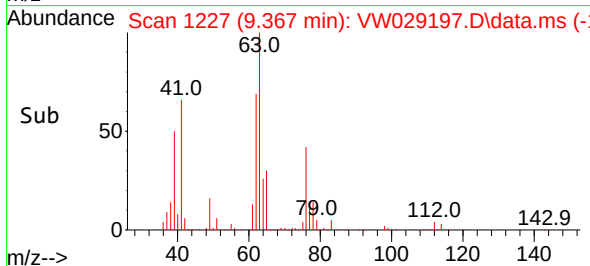
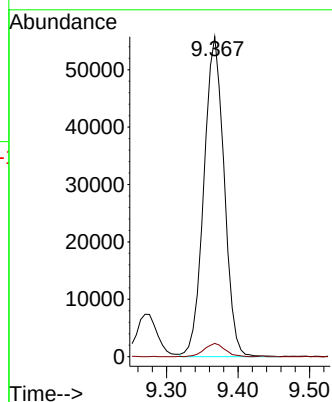
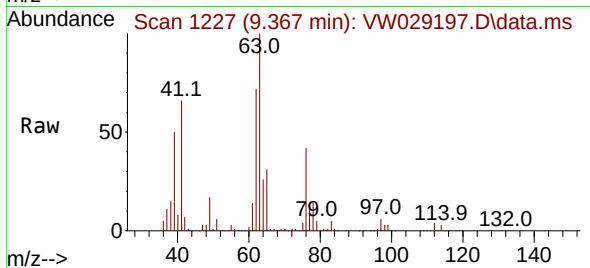
A4B72MSD

Tgt Ion: 63 Resp: 109622

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.6



#38

Bromodichloromethane

Concen: 22.640 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029197.D

Acq: 18 Jun 2024 22:49

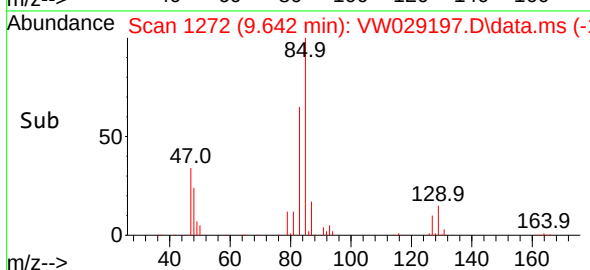
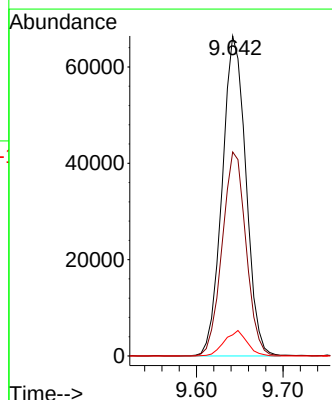
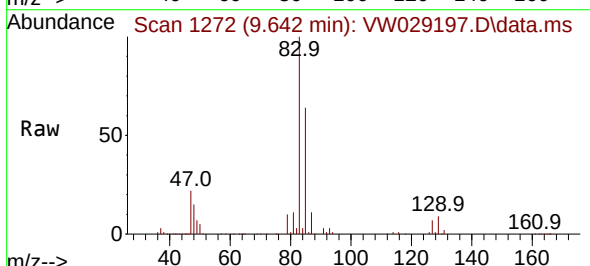
Tgt Ion: 83 Resp: 126294

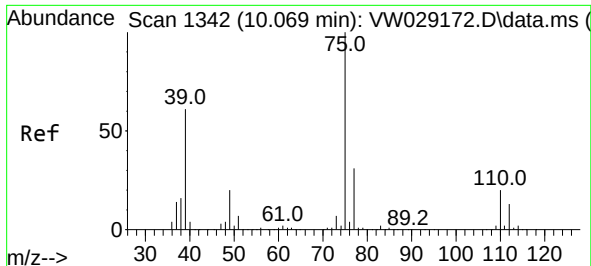
Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.9

127 6.6 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 10.506 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW029197.D

Acq: 18 Jun 2024 22:49

Instrument :

MSVOA_W

ClientSampleId :

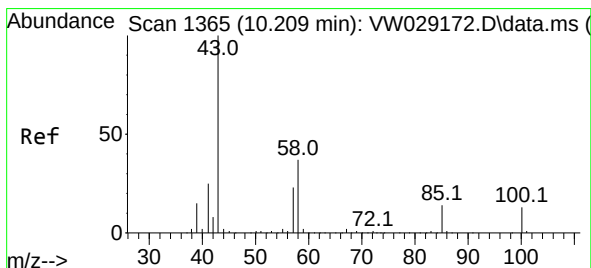
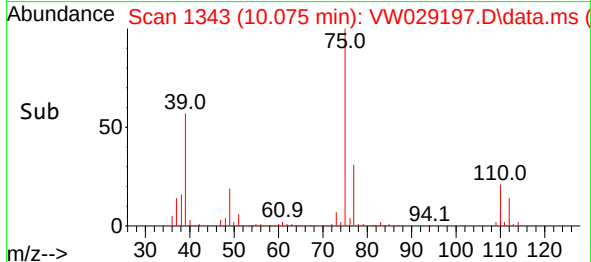
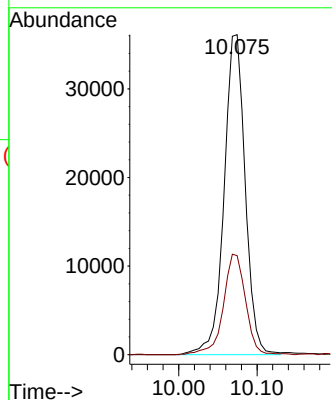
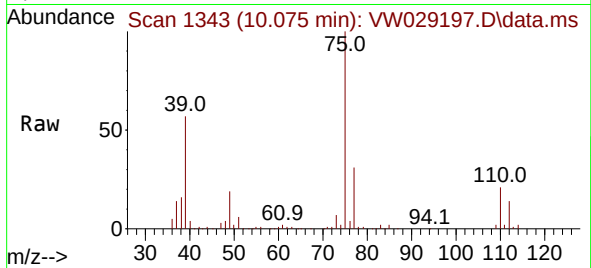
A4B72MSD

Tgt Ion: 75 Resp: 67759

Ion Ratio Lower Upper

75 100

77 31.0 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 32.579 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029197.D

Acq: 18 Jun 2024 22:49

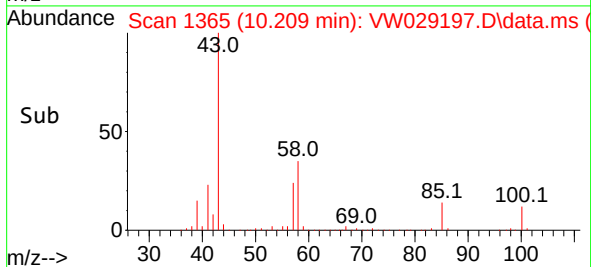
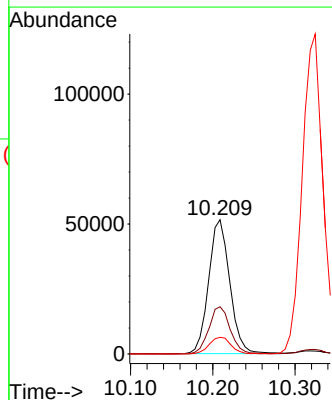
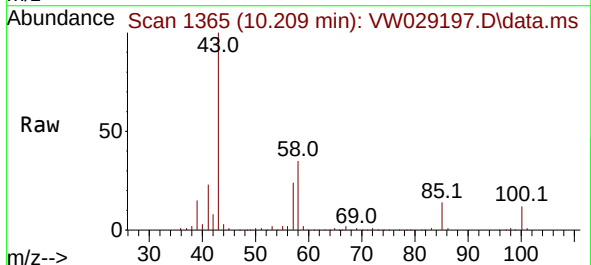
Tgt Ion: 43 Resp: 92129

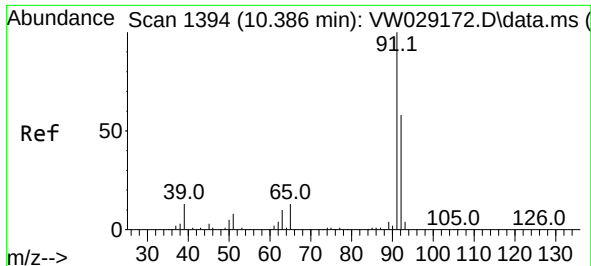
Ion Ratio Lower Upper

43 100

58 35.5 28.2 42.4

100 13.0 11.0 16.4

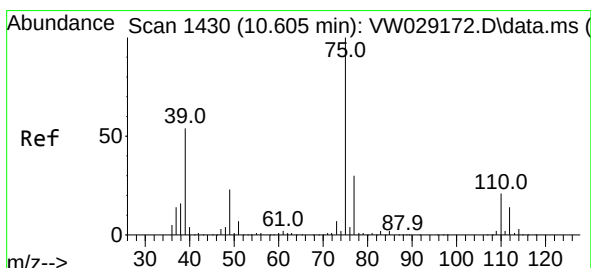
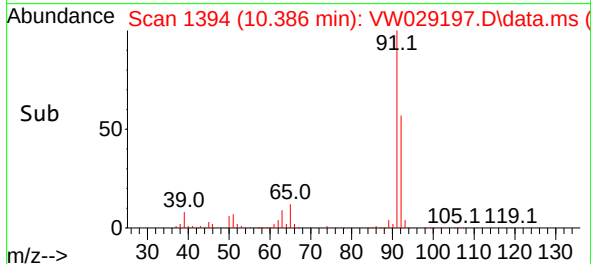
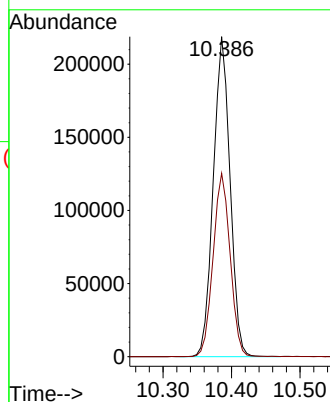
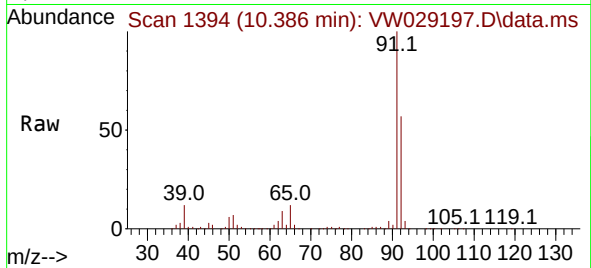




#42
Toluene
Concen: 22.300 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

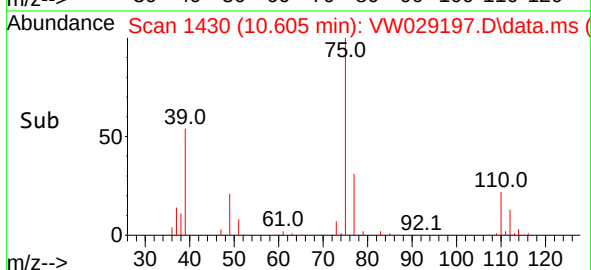
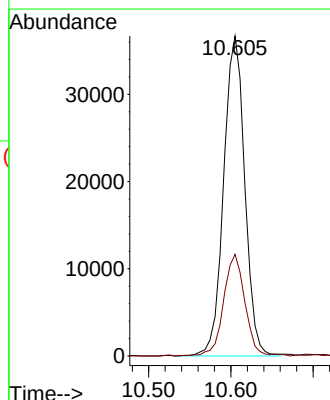
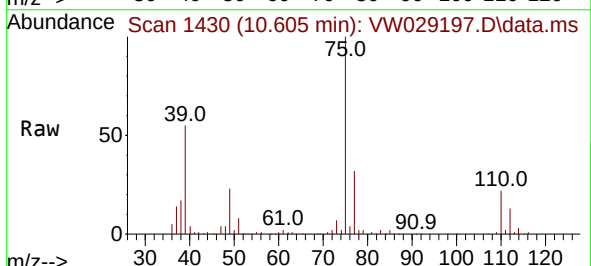
Instrument :
MSVOA_W
ClientSampleId :
A4B72MSD

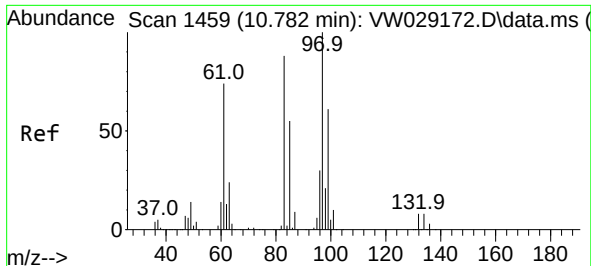
Tgt Ion: 91 Resp: 372239
Ion Ratio Lower Upper
91 100
92 57.3 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 12.018 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

Tgt Ion: 75 Resp: 65449
Ion Ratio Lower Upper
75 100
77 31.8 22.7 42.1

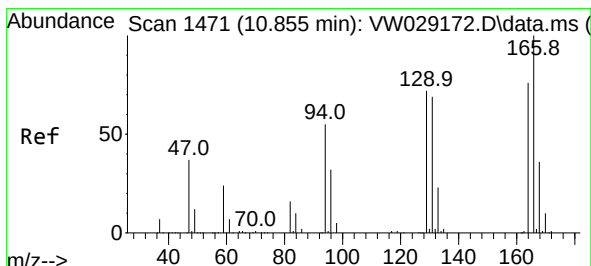
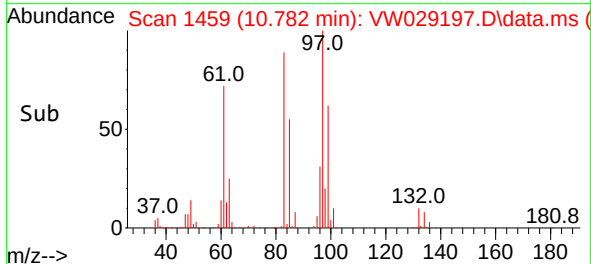
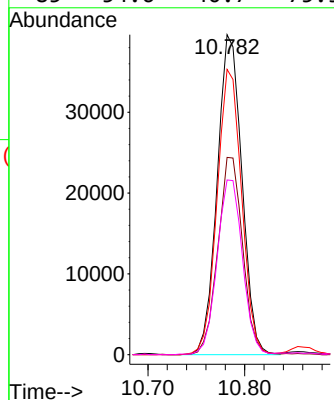
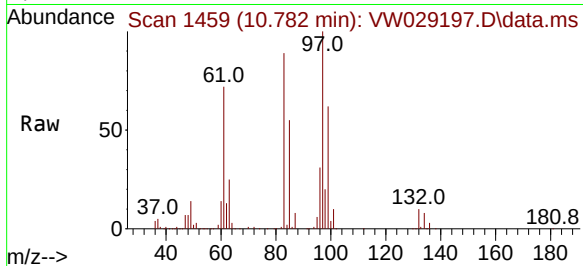




#45
1,1,2-Trichloroethane
Concen: 22.083 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

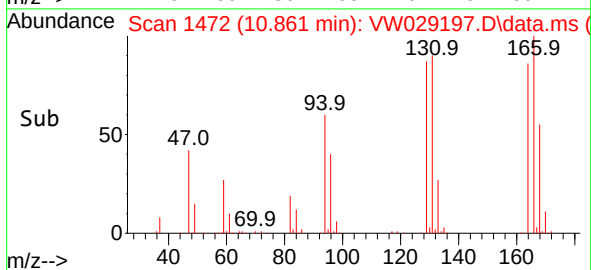
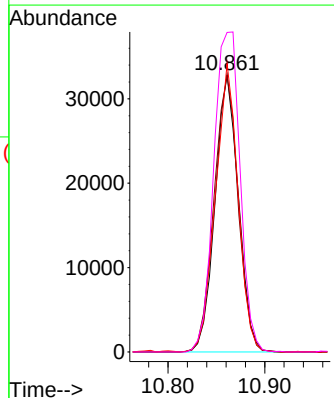
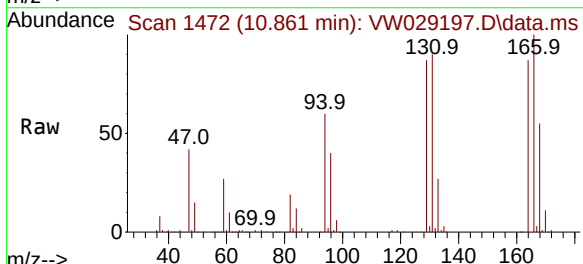
Instrument :
MSVOA_W
ClientSampleId :
A4B72MSD

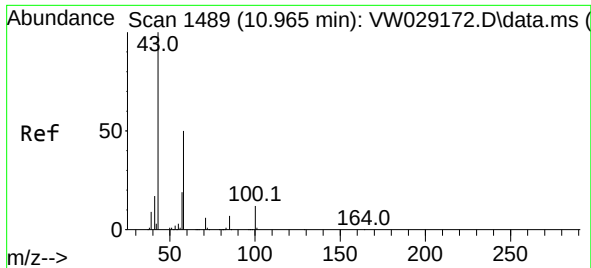
Tgt Ion:	97	Resp:	70170
Ion	Ratio	Lower	Upper
97	100		
99	61.7	42.3	78.5
83	89.2	57.7	107.1
85	54.6	40.7	75.5



#46
Tetrachloroethene
Concen: 18.193 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

Tgt Ion:	164	Resp:	55091
Ion	Ratio	Lower	Upper
164	100		
129	100.0	68.5	127.3
131	104.2	71.8	133.4
166	115.4	97.2	180.4

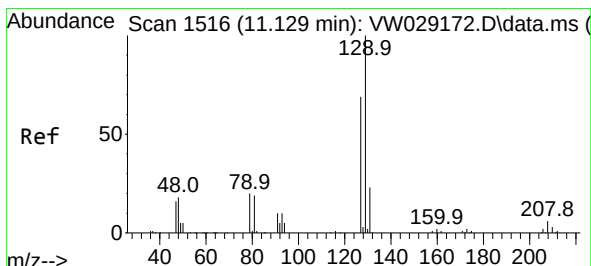
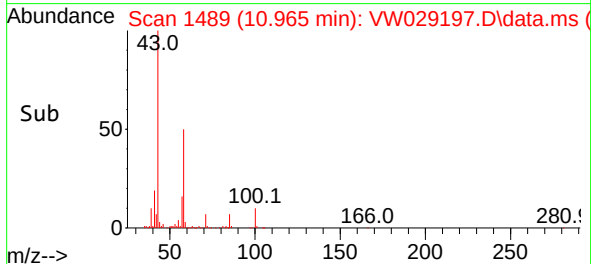
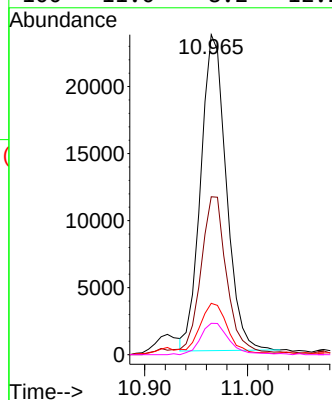
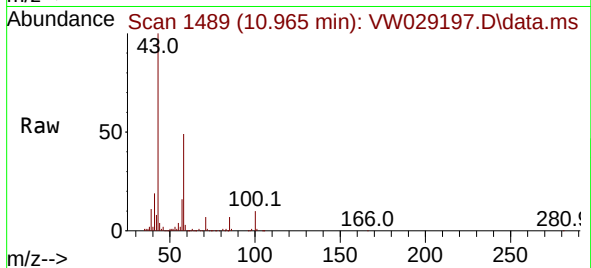




#48
2-Hexanone
Concen: 20.273 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

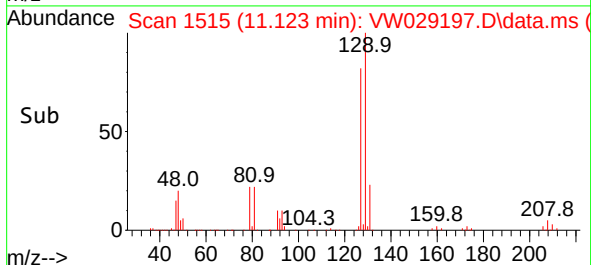
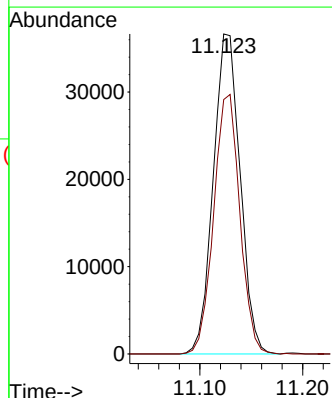
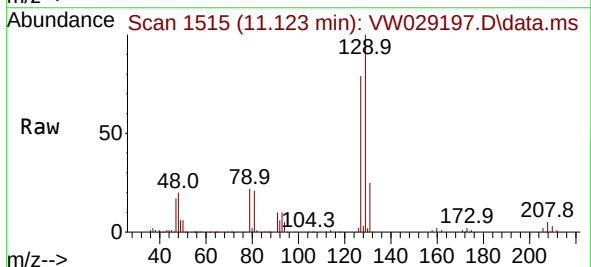
Instrument :
MSVOA_W
ClientSampleId :
A4B72MSD

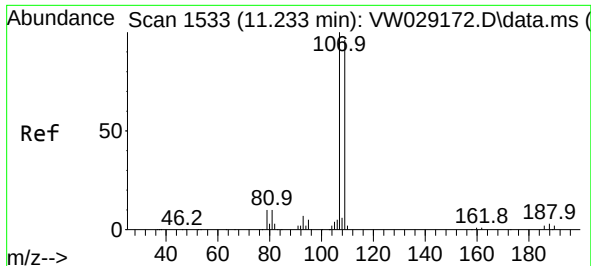
Tgt Ion:	43	Resp:	40679
Ion	Ratio	Lower	Upper
43	100		
58	51.8	39.6	59.4
57	17.5	14.6	21.8
100	11.0	8.2	12.2



#49
Dibromochloromethane
Concen: 20.049 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

Tgt Ion:	129	Resp:	66595
Ion	Ratio	Lower	Upper
129	100		
127	79.5	54.8	101.8





#50

1,2-Dibromoethane

Concen: 16.508 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029197.D

Acq: 18 Jun 2024 22:49

Instrument :

MSVOA_W

ClientSampleId :

A4B72MSD

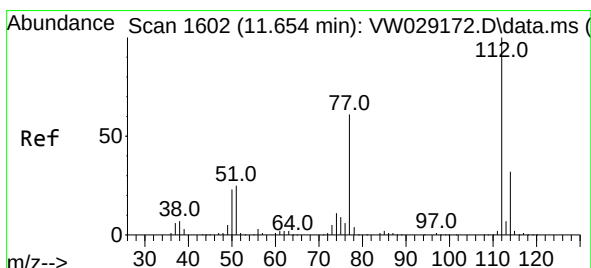
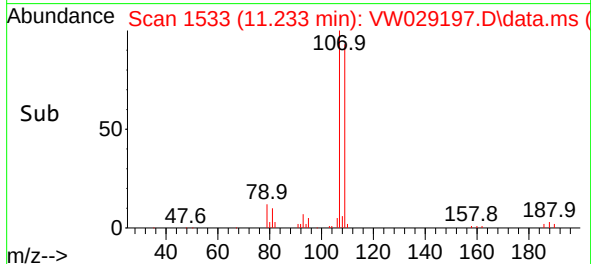
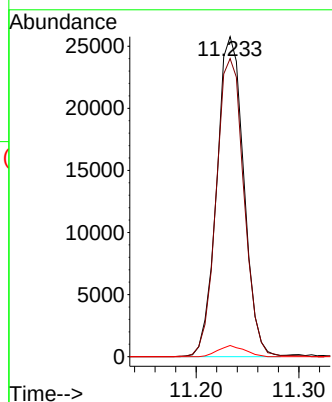
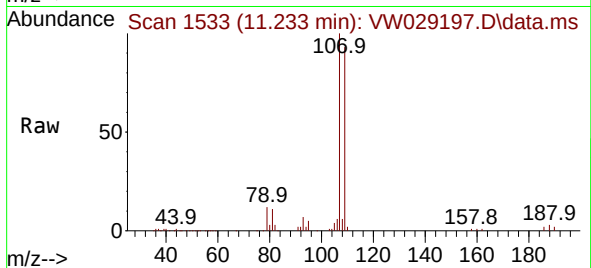
Tgt Ion:107 Resp: 47087

Ion Ratio Lower Upper

107 100

109 93.2 65.5 121.6

188 3.5 2.6 4.0



#51

Chlorobenzene

Concen: 18.420 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029197.D

Acq: 18 Jun 2024 22:49

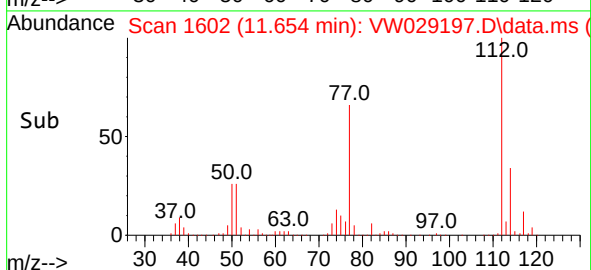
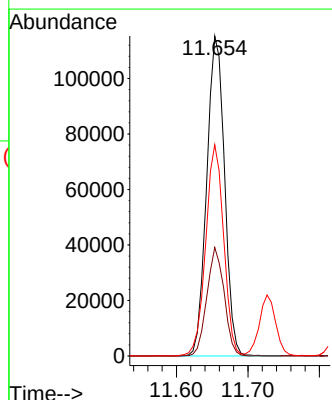
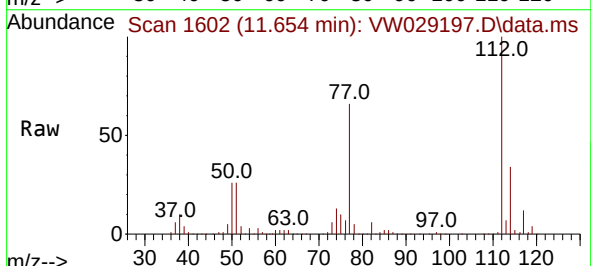
Tgt Ion:112 Resp: 199665

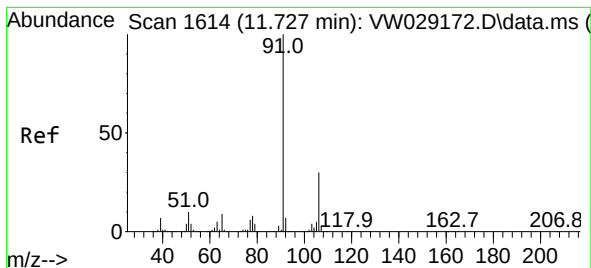
Ion Ratio Lower Upper

112 100

114 33.9 22.6 42.0

77 66.0 51.0 76.6

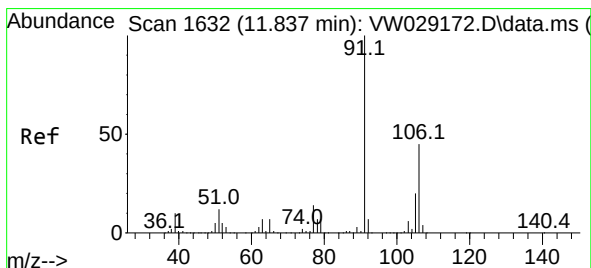
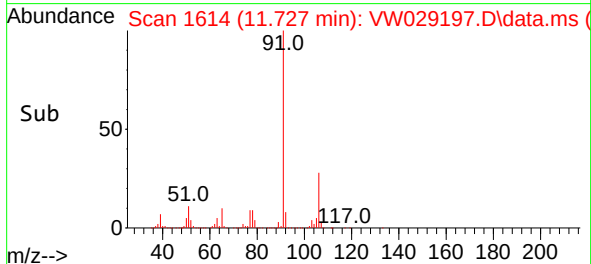
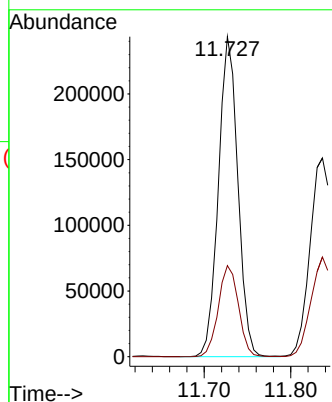
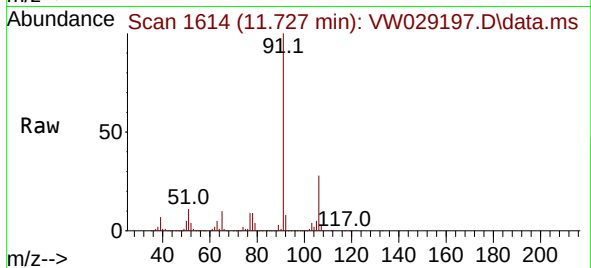




#52
Ethylbenzene
Concen: 20.048 ug/L
RT: 11.727 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

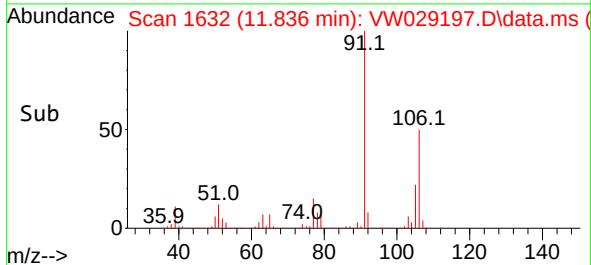
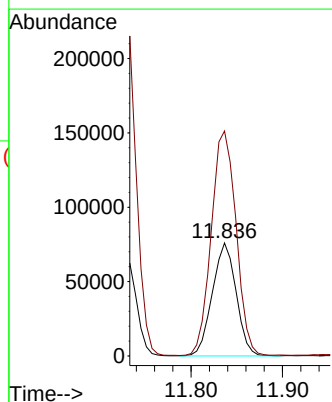
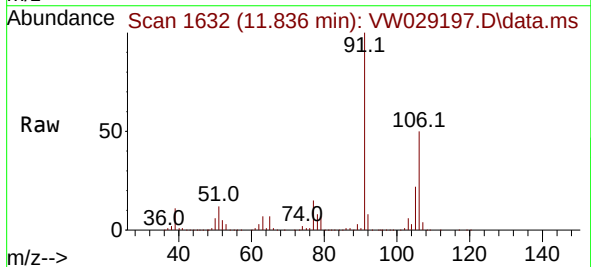
Instrument :
MSVOA_W
ClientSampleId :
A4B72MSD

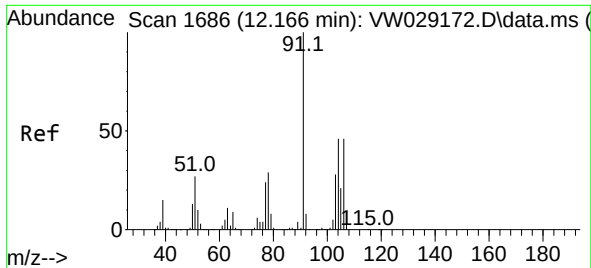
Tgt Ion: 91 Resp: 379863
Ion Ratio Lower Upper
91 100
106 28.5 19.9 37.0



#53
m,p-Xylene
Concen: 19.865 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

Tgt Ion: 106 Resp: 137486
Ion Ratio Lower Upper
106 100
91 199.3 140.5 260.9

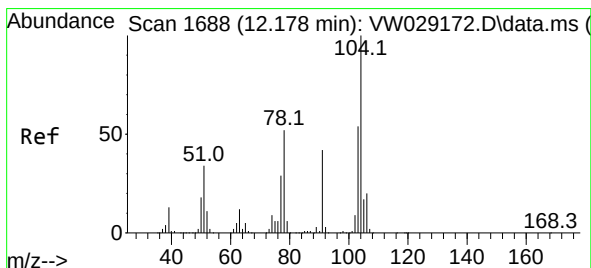
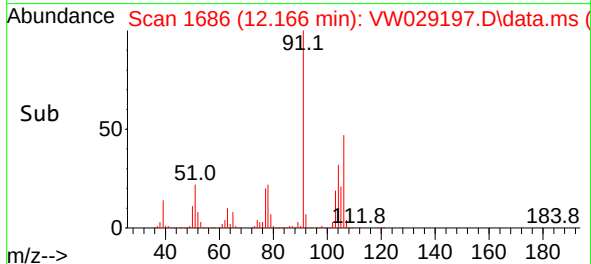
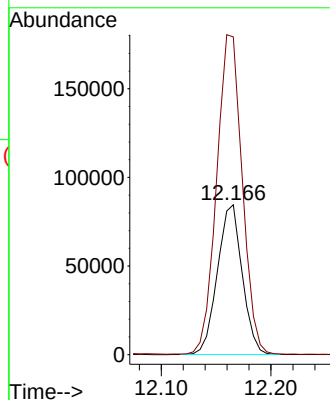
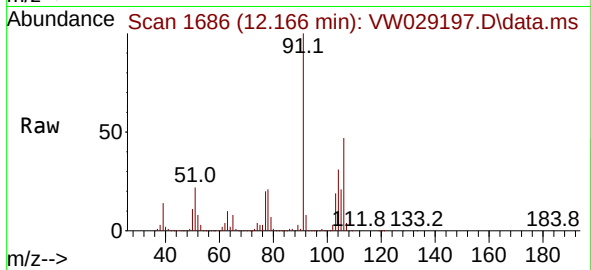




#54
o-Xylene
Concen: 20.493 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

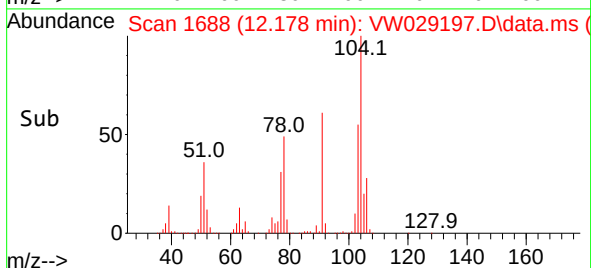
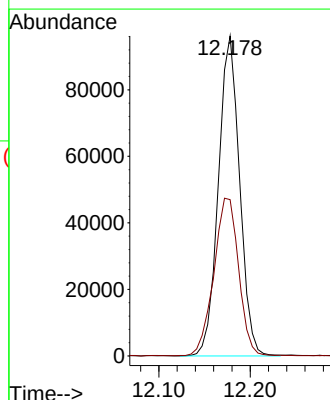
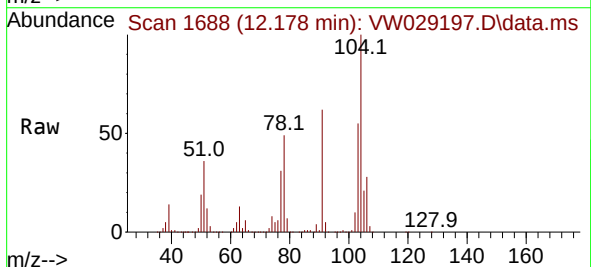
Instrument :
MSVOA_W
ClientSampleId :
A4B72MSD

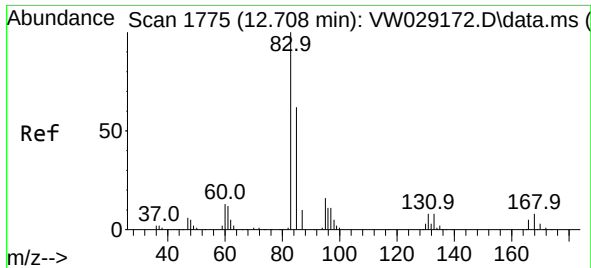
Tgt Ion:106 Resp: 132555
Ion Ratio Lower Upper
106 100
91 212.0 149.9 278.5



#55
Styrene
Concen: 13.802 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

Tgt Ion:104 Resp: 155659
Ion Ratio Lower Upper
104 100
78 48.9 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 18.178 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW029197.D

Acq: 18 Jun 2024 22:49

Instrument :

MSVOA_W

ClientSampleId :

A4B72MSD

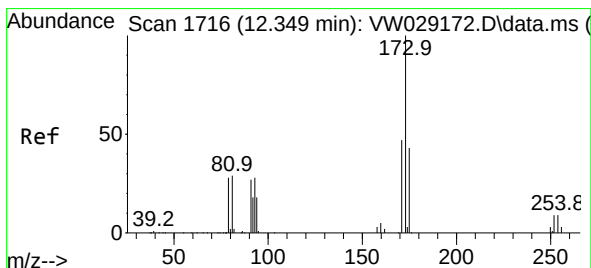
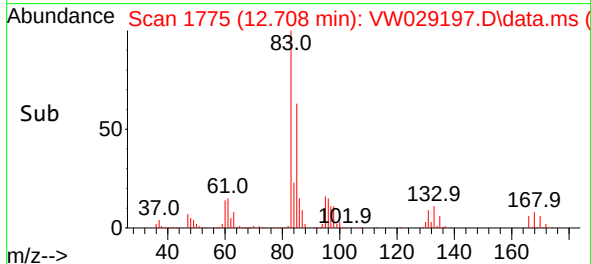
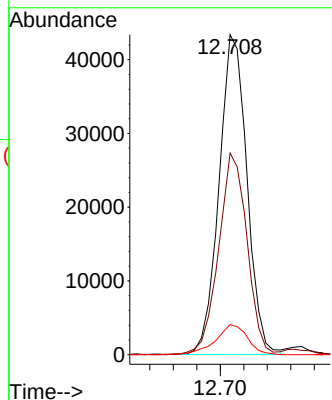
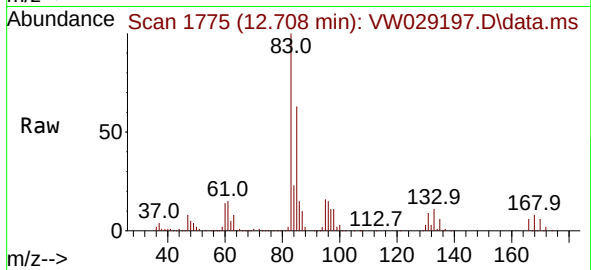
Tgt Ion: 83 Resp: 71451

Ion Ratio Lower Upper

83 100

85 63.0 45.8 85.0

131 9.4 7.8 11.6



#59

Bromoform

Concen: 26.717 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW029197.D

Acq: 18 Jun 2024 22:49

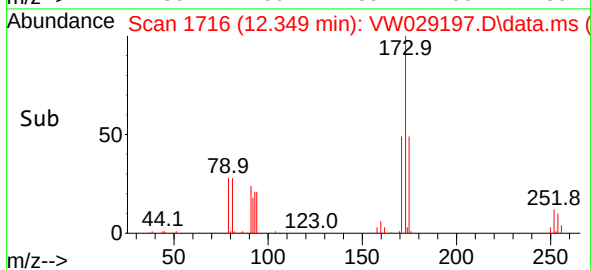
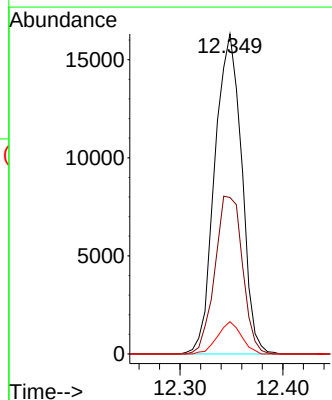
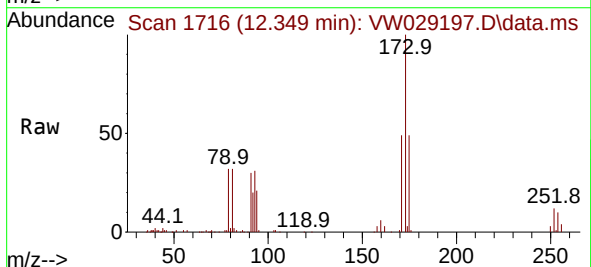
Tgt Ion: 173 Resp: 29640

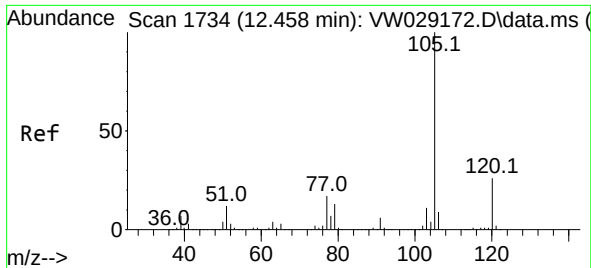
Ion Ratio Lower Upper

173 100

175 50.5 37.8 56.8

254 9.0 7.8 11.6

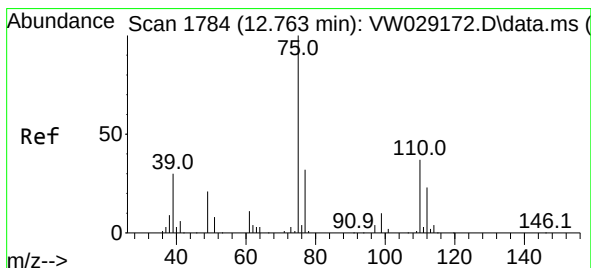
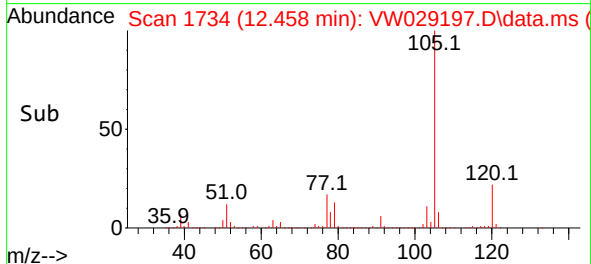
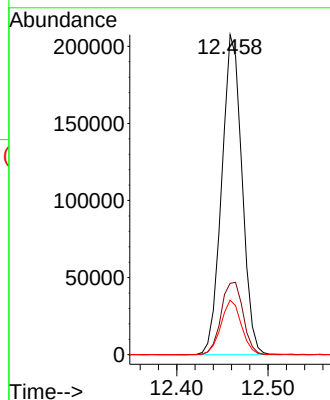
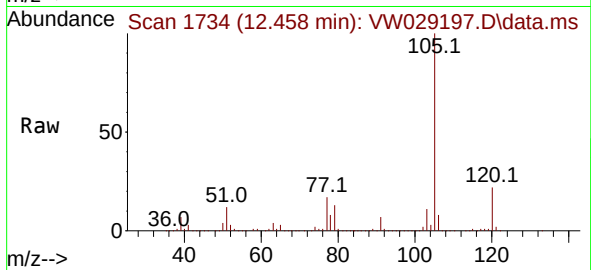




#60
Isopropylbenzene
Concen: 29.705 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

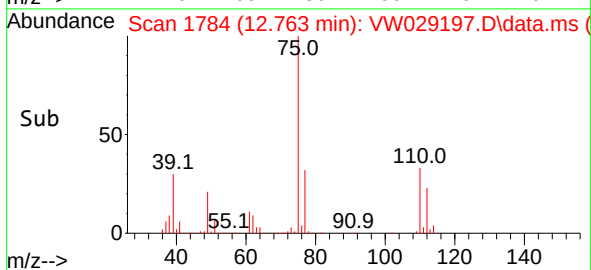
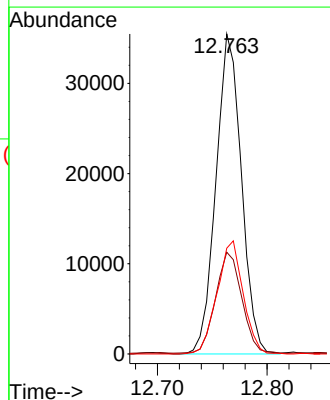
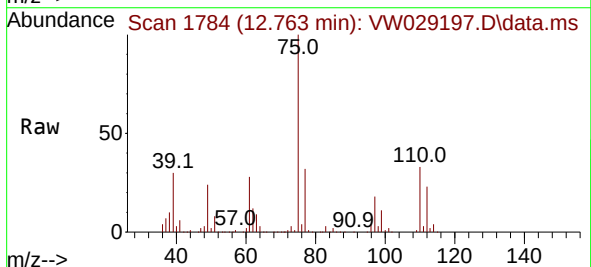
Instrument :
MSVOA_W
ClientSampleId :
A4B72MSD

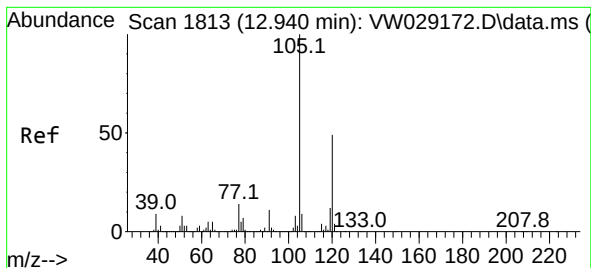
Tgt Ion:105 Resp: 320389
Ion Ratio Lower Upper
105 100
120 24.6 20.5 30.7
77 17.2 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 32.417 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

Tgt Ion: 75 Resp: 57234
Ion Ratio Lower Upper
75 100
77 32.5 26.6 39.8
110 36.1 29.5 44.3

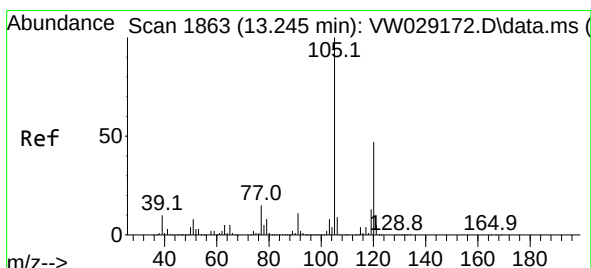
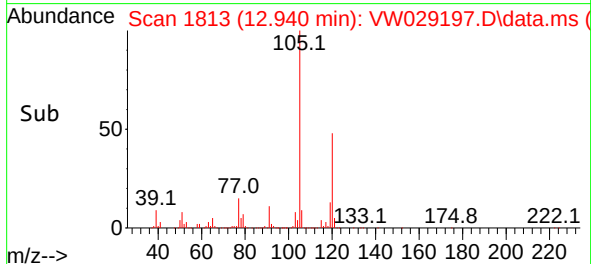
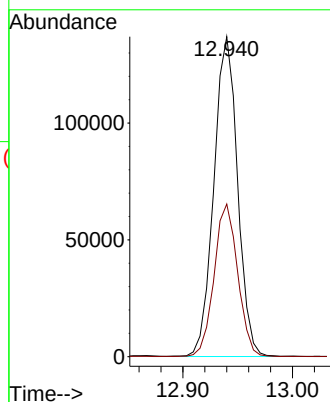
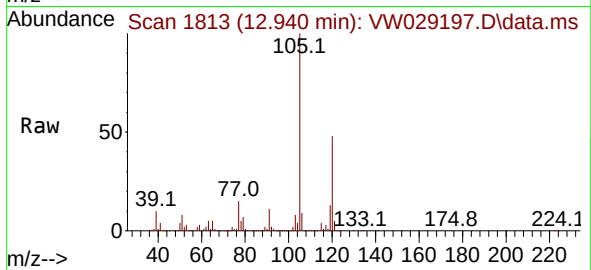




#62
1,3,5-Trimethylbenzene
Concen: 26.319 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

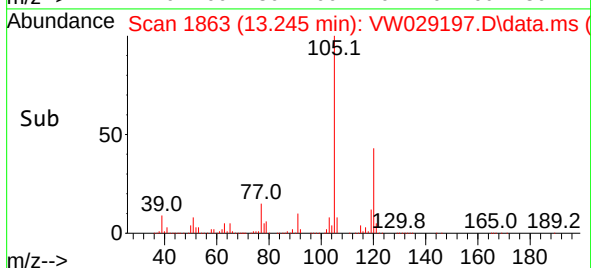
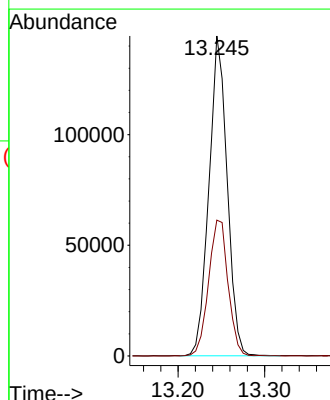
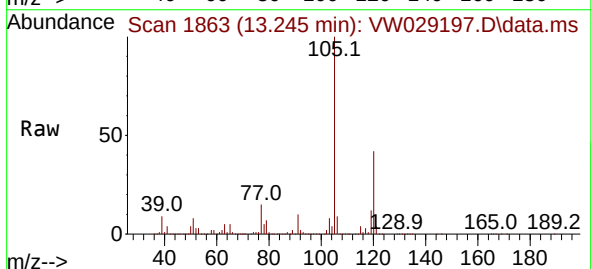
Instrument :
MSVOA_W
ClientSampleId :
A4B72MSD

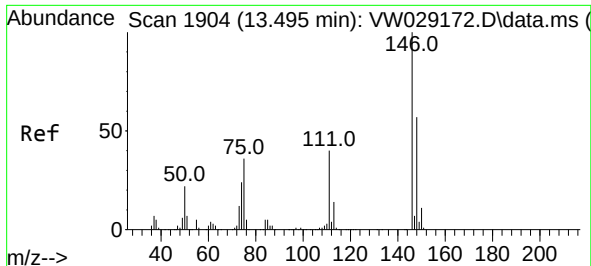
Tgt Ion:105 Resp: 205589
Ion Ratio Lower Upper
105 100
120 47.6 36.4 54.6



#63
1,2,4-Trimethylbenzene
Concen: 25.141 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

Tgt Ion:105 Resp: 211296
Ion Ratio Lower Upper
105 100
120 45.4 34.9 52.3

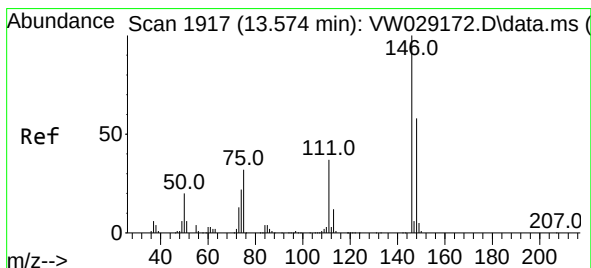
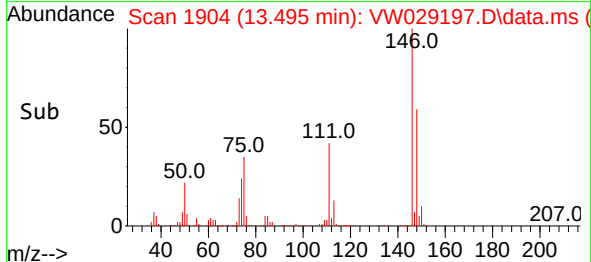
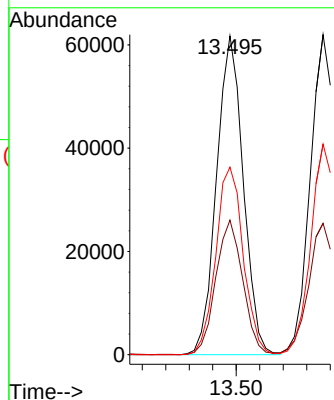
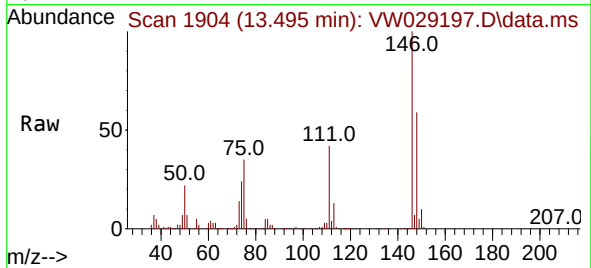




#64
1,3-Dichlorobenzene
Concen: 20.903 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

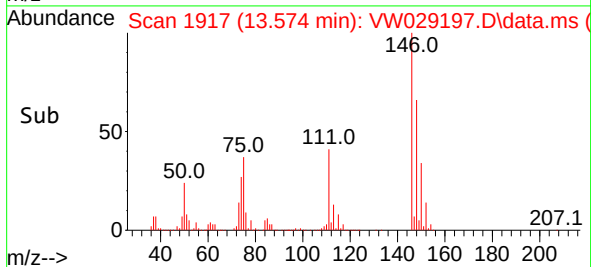
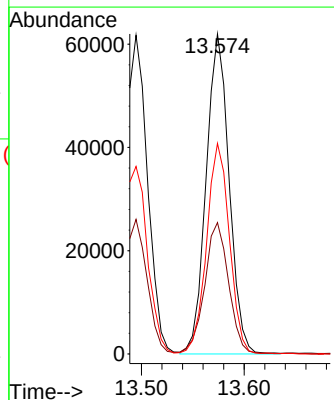
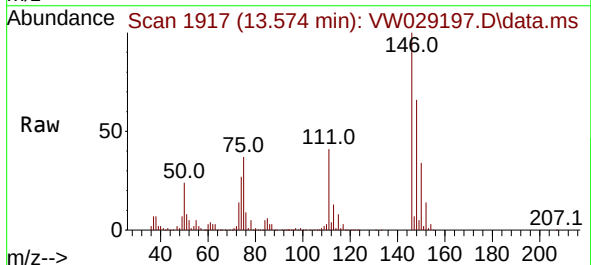
Instrument :
MSVOA_W
ClientSampleId :
A4B72MSD

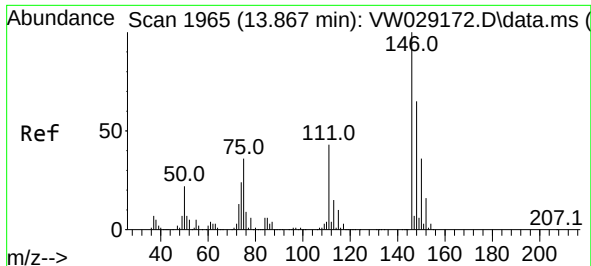
Tgt Ion:146 Resp: 97565
Ion Ratio Lower Upper
146 100
111 42.2 33.0 61.2
148 58.8 47.5 88.1



#65
1,4-Dichlorobenzene
Concen: 19.433 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029197.D
Acq: 18 Jun 2024 22:49

Tgt Ion:146 Resp: 96509
Ion Ratio Lower Upper
146 100
111 41.1 28.9 53.7
148 65.8 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 18.629 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029197.D

Acq: 18 Jun 2024 22:49

Instrument :

MSVOA_W

ClientSampleId :

A4B72MSD

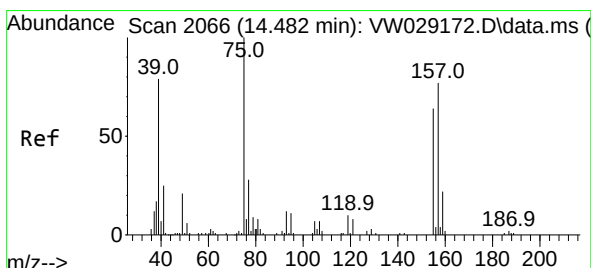
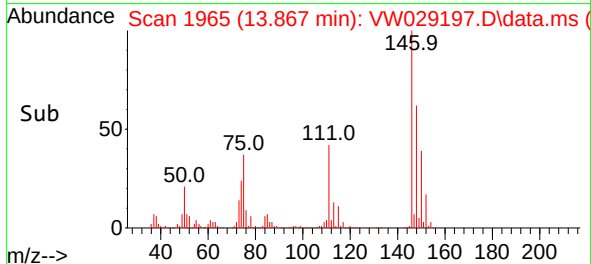
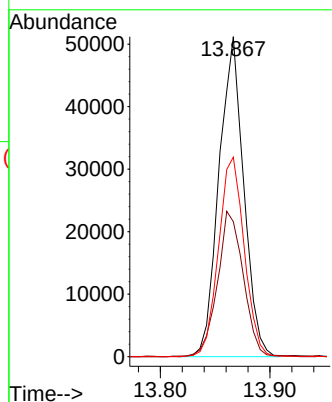
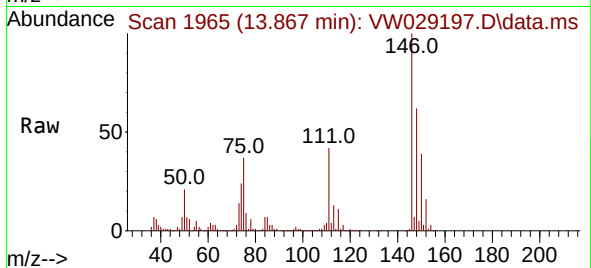
Tgt Ion:146 Resp: 80386

Ion Ratio Lower Upper

146 100

111 42.2 34.2 51.4

148 62.3 46.3 69.5



#68

1,2-Dibromo-3-chloropropane

Concen: 23.562 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW029197.D

Acq: 18 Jun 2024 22:49

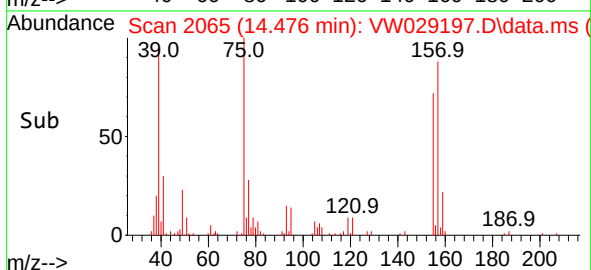
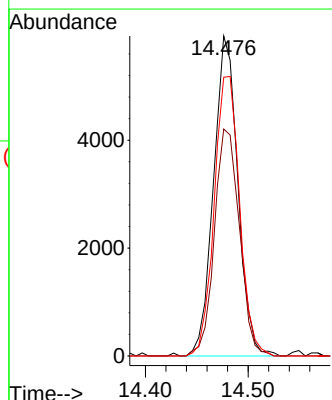
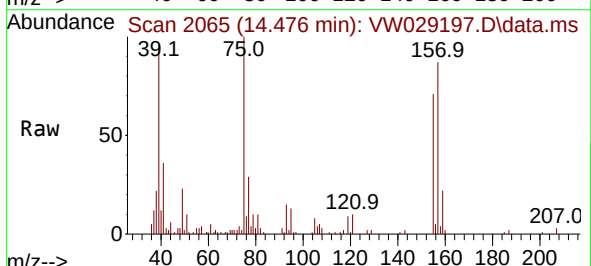
Tgt Ion: 75 Resp: 9708

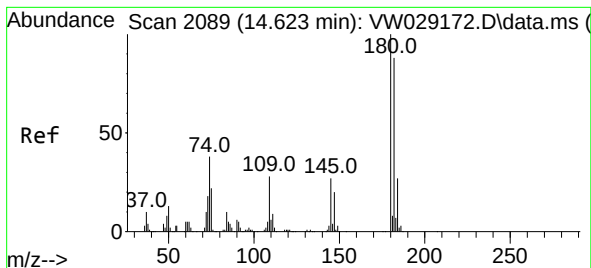
Ion Ratio Lower Upper

75 100

155 70.9 51.0 76.6

157 87.1 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 11.126 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW029197.D

Acq: 18 Jun 2024 22:49

Instrument :

MSVOA_W

ClientSampleId :

A4B72MSD

Tgt Ion:180 Resp: 35048

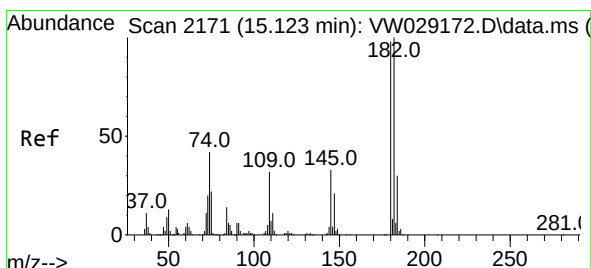
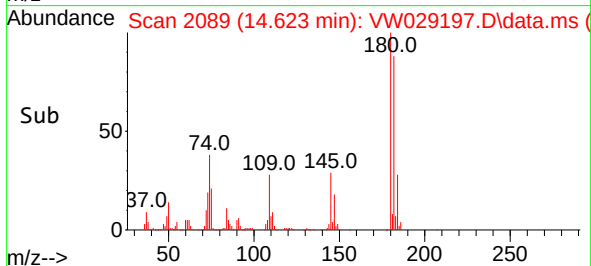
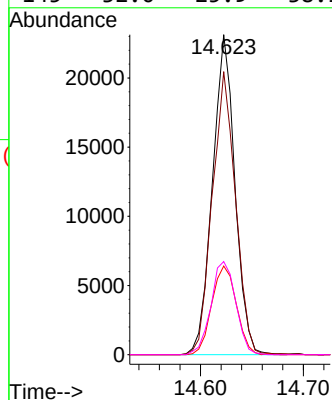
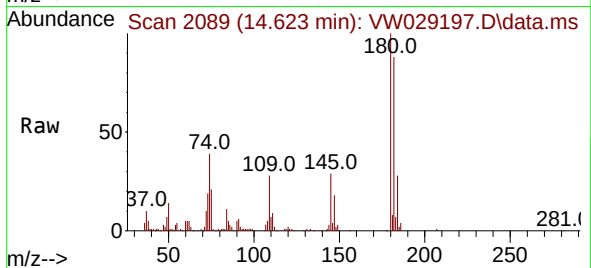
Ion Ratio Lower Upper

180 100

182 91.2 72.9 109.3

184 30.3 23.8 35.6

145 32.0 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 9.121 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029197.D

Acq: 18 Jun 2024 22:49

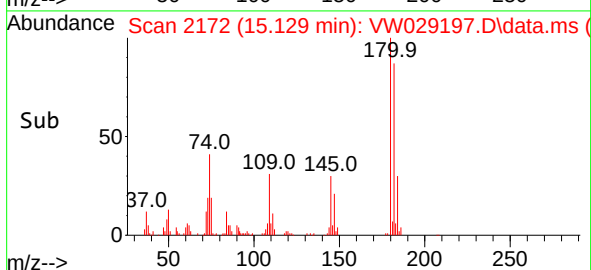
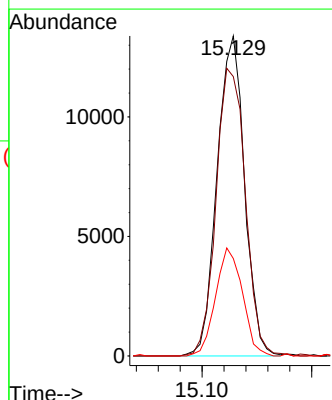
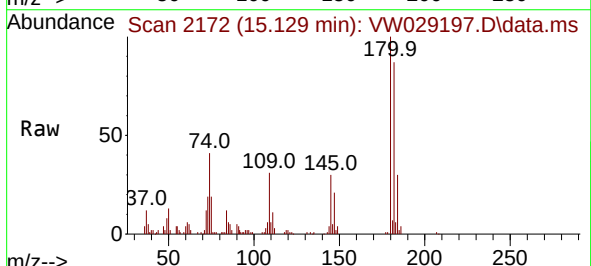
Tgt Ion:180 Resp: 23292

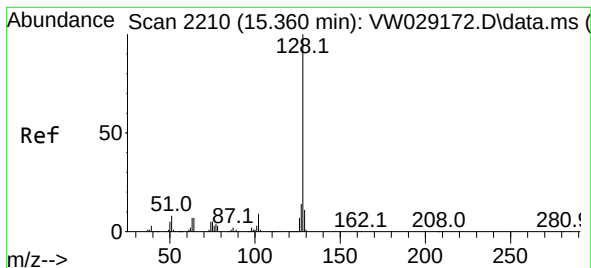
Ion Ratio Lower Upper

180 100

182 95.7 77.7 116.5

145 33.0 25.7 38.5





#71

Naphthalene

Concen: 11.489 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW029197.D

Acq: 18 Jun 2024 22:49

Instrument :

MSVOA_W

ClientSampleId :

A4B72MSD

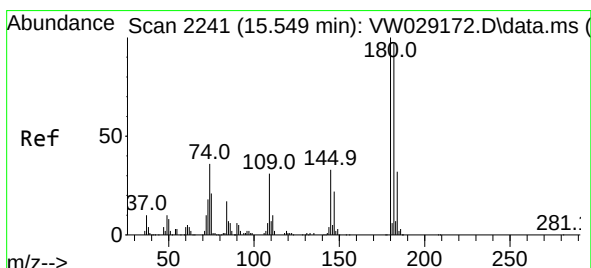
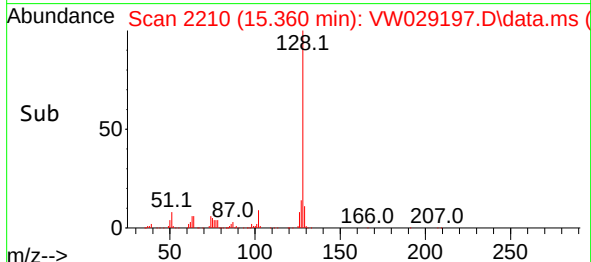
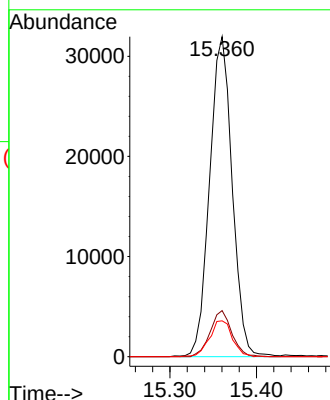
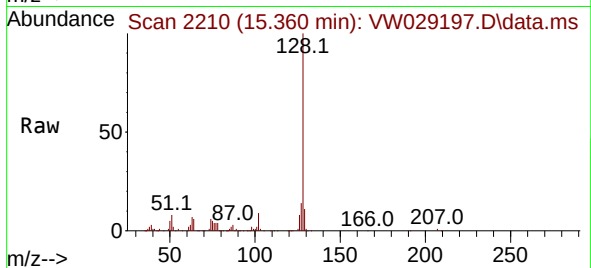
Tgt Ion:128 Resp: 57904

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 11.3 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 7.627 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW029197.D

Acq: 18 Jun 2024 22:49

Tgt Ion:180 Resp: 17746

Ion Ratio Lower Upper

180 100

182 98.9 73.0 109.6

145 35.1 28.1 42.1

