

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
 Data File : VW029271.D
 Acq On : 20 Jun 2024 21:19
 Operator : SY/MD
 Sample : P2964-09MS
 Misc : 5.07g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CS4MS

Quant Time: Jun 21 04:48:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 02:43:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	419716	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	325764	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	113656	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	113498	19.537	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.160%
7) Chloroethane-d5	2.893	69	92631	18.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.520%
11) 1,1-Dichloroethene-d2	4.021	65	55965	19.952	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.800%
21) 2-Butanone-d5	7.069	46	89380	51.425	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.860%
24) Chloroform-d	7.648	84	267340	21.353	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	8.307	65	151234	21.038	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.160%
32) Benzene-d6	8.276	84	512762	25.914	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.640%
36) 1,2-Dichloropropane-d6	9.270	67	164822	26.204	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.800%
41) Toluene-d8	10.319	98	431631	24.656	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.640%
43) trans-1,3-Dichloroprop...	10.575	79	58283	22.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.960%
47) 2-Hexanone-d5	10.922	63	62023	62.903	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	122284	24.427	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.720%
66) 1,2-Dichlorobenzene-d4	13.849	152	89286	22.632	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	86168	21.043	ug/L	# 86
3) Chloromethane	2.223	50	113515	19.442	ug/L	100
5) Vinyl chloride	2.375	62	127223	18.974	ug/L	99
6) Bromomethane	2.790	94	73570	18.256	ug/L	94
8) Chloroethane	2.930	64	81043	19.761	ug/L	98
9) Trichlorofluoromethane	3.265	101	117788	22.659	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	107686	18.788	ug/L	91
12) 1,1-Dichloroethene	4.045	96	105031	21.597	ug/L	89
13) Acetone	4.119	43	78417	53.090	ug/L	97
14) Carbon disulfide	4.393	76	275938	17.381	ug/L	100
15) Methyl Acetate	4.667	43	68291	23.289	ug/L	98
16) Methylene chloride	4.917	84	132675	17.977	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	112855	20.896	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	221928	25.683	ug/L	98
19) 1,1-Dichloroethane	6.216	63	257339	22.061	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	130060	21.838	ug/L	99
22) 2-Butanone	7.167	43	98761	48.777	ug/L	99
23) Bromochloromethane	7.514	128	57832	21.813	ug/L	93
25) Chloroform	7.679	83	246071	21.603	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
 Data File : VW029271.D
 Acq On : 20 Jun 2024 21:19
 Operator : SY/MD
 Sample : P2964-09MS
 Misc : 5.07g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CS4MS

Quant Time: Jun 21 04:48:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 02:43:08 2024
 Response via : Initial Calibration

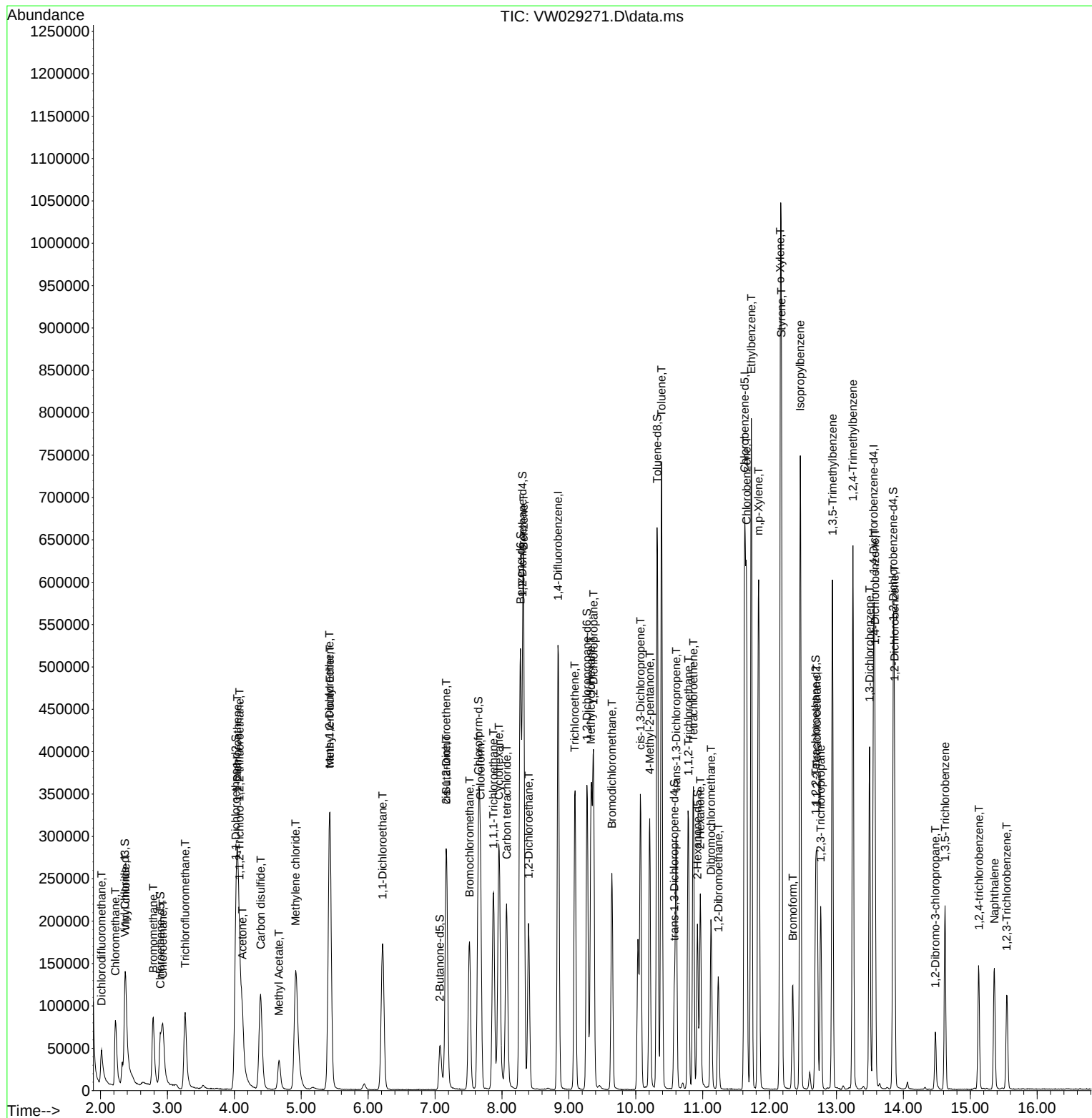
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	172824	20.573	ug/L	98
29) Cyclohexane	7.953	56	173054	23.237	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	189011	26.092	ug/L	97
31) Carbon tetrachloride	8.069	117	165774	25.051	ug/L	95
33) Benzene	8.325	78	516159	26.370	ug/L	100
34) Trichloroethene	9.087	95	126067	24.141	ug/L	95
35) Methylcyclohexane	9.331	83	137074	16.690	ug/L	98
37) 1,2-Dichloropropane	9.368	63	145827	26.514	ug/L	98
38) Bromodichloromethane	9.642	83	168714	25.089	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	193867	24.935	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	216837	63.607	ug/L	98
42) Toluene	10.386	91	504183	25.056	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	160188	24.401	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	99644	26.013	ug/L	97
46) Tetrachloroethene	10.861	164	75560	20.699	ug/L	92
48) 2-Hexanone	10.965	43	148273	61.297	ug/L	97
49) Dibromochloromethane	11.123	129	100319	25.053	ug/L	95
50) 1,2-Dibromoethane	11.233	107	86821	25.249	ug/L	99
51) Chlorobenzene	11.654	112	287704	22.018	ug/L	98
52) Ethylbenzene	11.727	91	526692	23.059	ug/L	98
53) m,p-Xylene	11.837	106	186453	22.348	ug/L	92
54) o-Xylene	12.160	106	182021	23.344	ug/L	92
55) Styrene	12.178	104	293508	21.589	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	116650	24.618	ug/L	97
59) Bromoform	12.349	173	54623	35.066	ug/L	97
60) Isopropylbenzene	12.459	105	459921	30.369	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	89069	35.929	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	303953	27.713	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	325288	27.565	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	151595	23.131	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	153118	21.959	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	137438	22.684	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	17670	30.544	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	61372	13.875	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	42220	11.775	ug/L	97
71) Naphthalene	15.360	128	117741	16.638	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	35121	10.750	ug/L	98

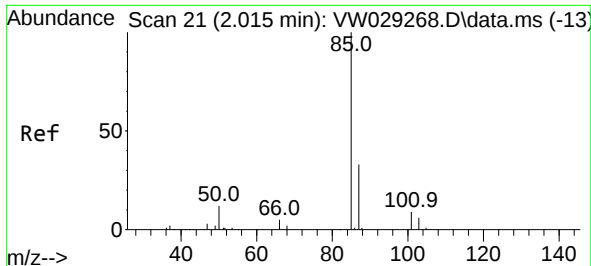
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
Data File : VW029271.D
Acq On : 20 Jun 2024 21:19
Operator : SY/MD
Sample : P2964-09MS
Misc : 5.07g/10mL/MSVOA_W/SOIL/A
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

Quant Time: Jun 21 04:48:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 21 02:43:08 2024
Response via : Initial Calibration

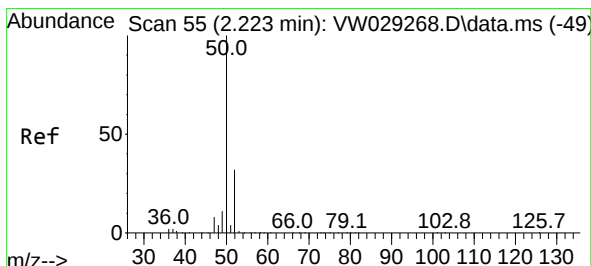
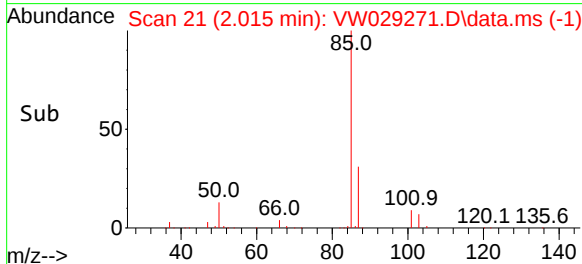
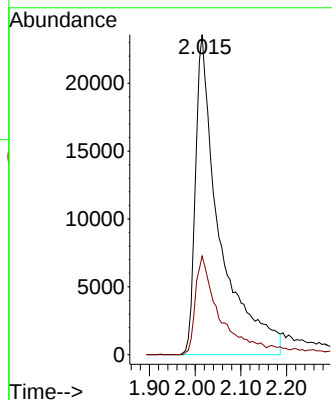
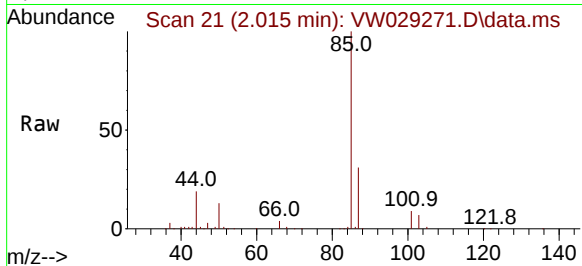




#2
Dichlorodifluoromethane
Concen: 21.043 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

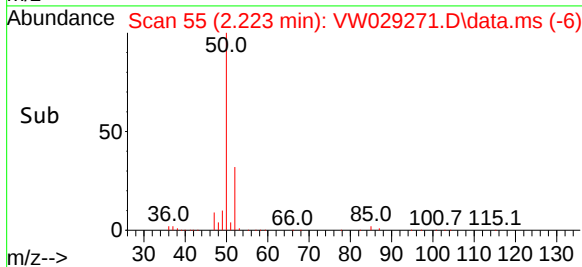
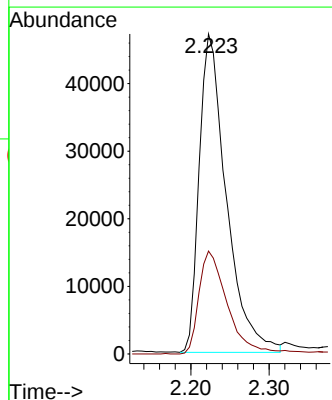
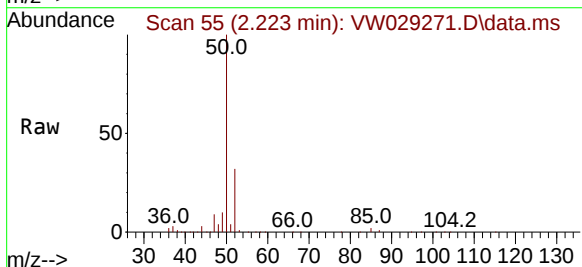
Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

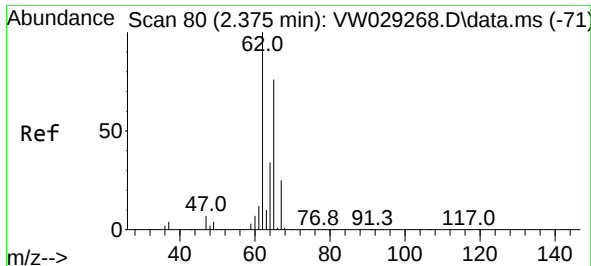
Tgt Ion: 85 Resp: 86168
Ion Ratio Lower Upper
85 100
87 22.4 23.8 35.6#



#3
Chloromethane
Concen: 19.442 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Tgt Ion: 50 Resp: 113515
Ion Ratio Lower Upper
50 100
52 32.1 22.3 41.5

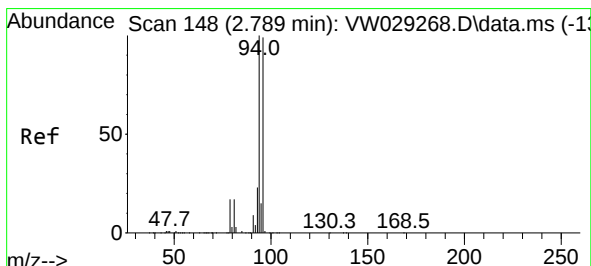
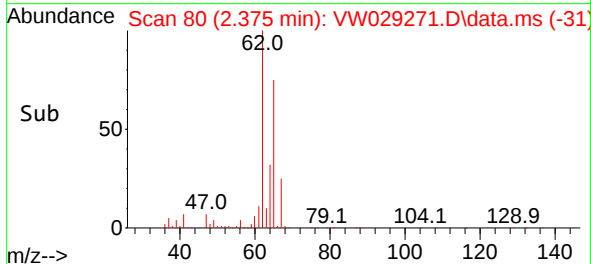
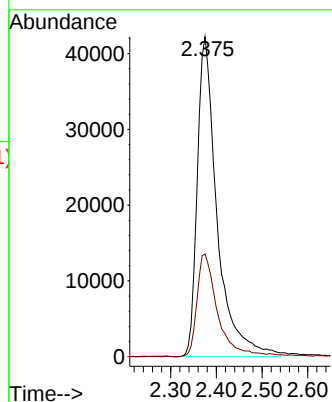
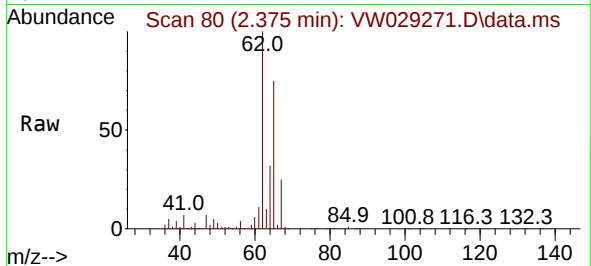




#5
 Vinyl chloride
 Concen: 18.974 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029271.D
 Acq: 20 Jun 2024 21:19

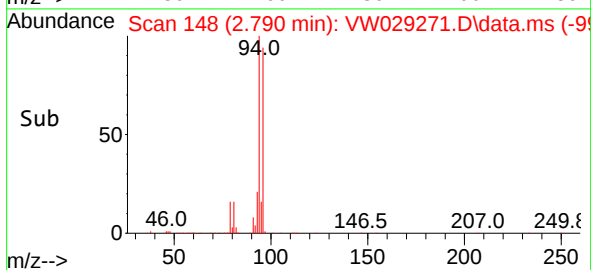
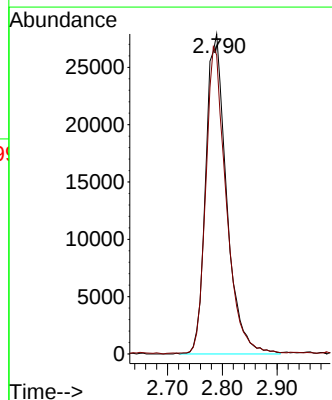
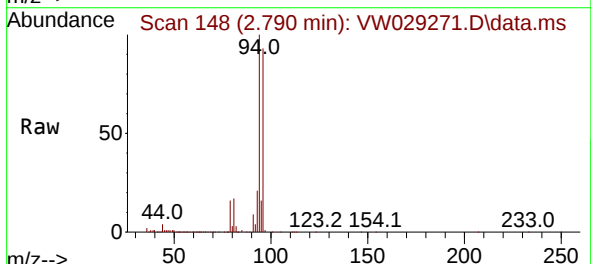
Instrument :
 MSVOA_W
 ClientSampleId :
 A4CS4MS

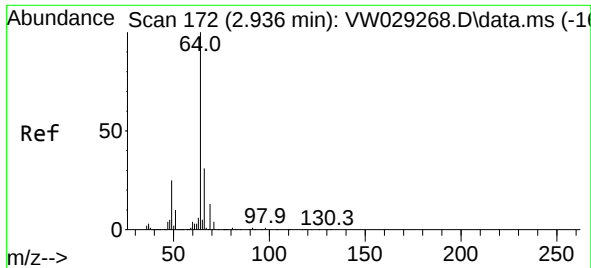
Tgt Ion: 62 Resp: 127223
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.0 40.8



#6
 Bromomethane
 Concen: 18.256 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029271.D
 Acq: 20 Jun 2024 21:19

Tgt Ion: 94 Resp: 73570
 Ion Ratio Lower Upper
 94 100
 96 93.4 69.5 129.1

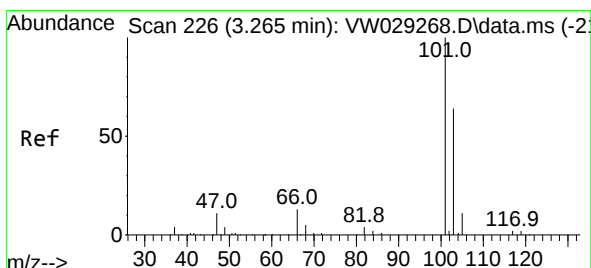
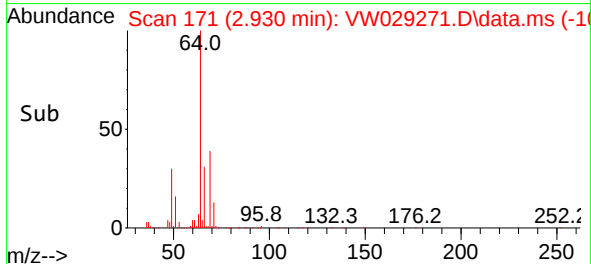
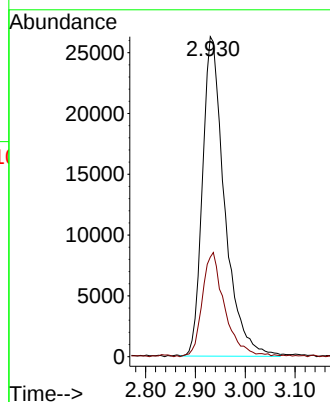
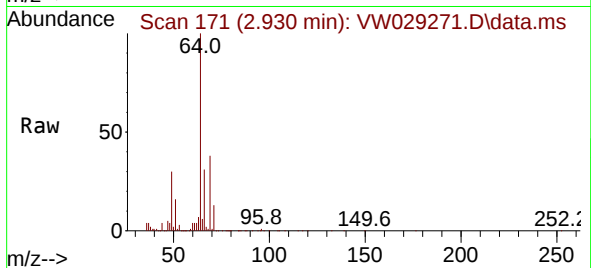




#8
Chloroethane
Concen: 19.761 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

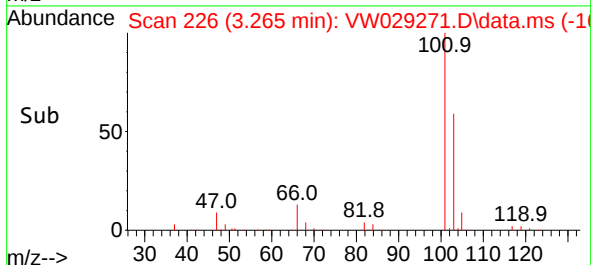
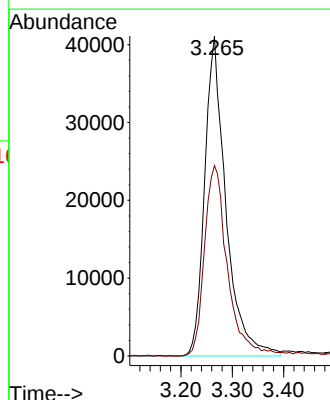
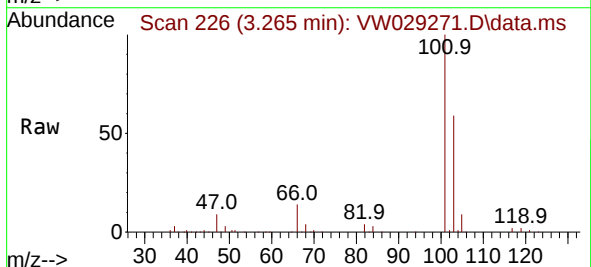
Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

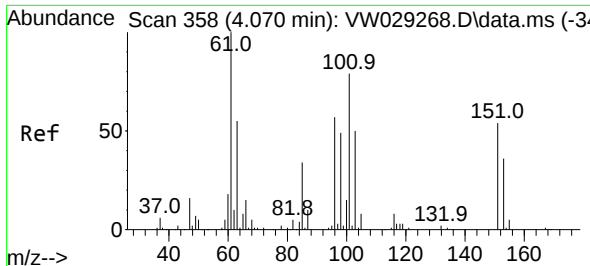
Tgt Ion: 64 Resp: 81043
Ion Ratio Lower Upper
64 100
66 31.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 22.659 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Tgt Ion:101 Resp: 117788
Ion Ratio Lower Upper
101 100
103 64.0 50.8 76.2

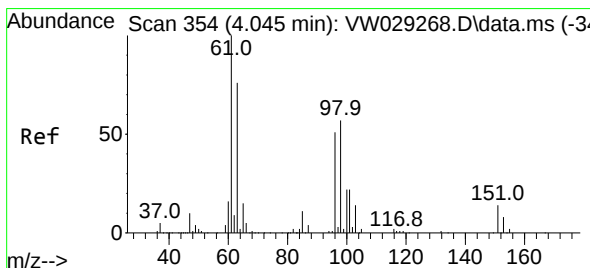
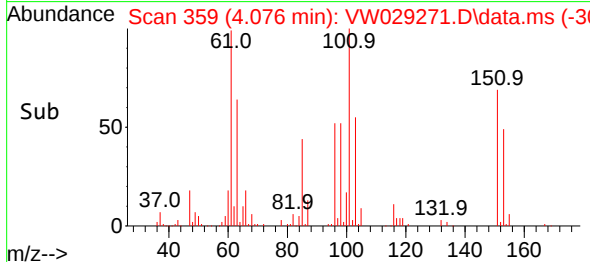
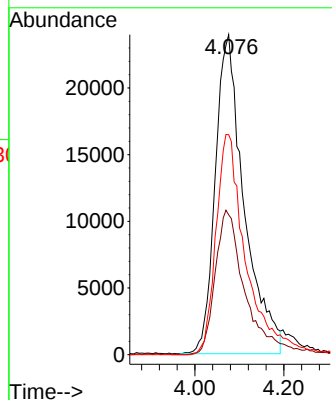
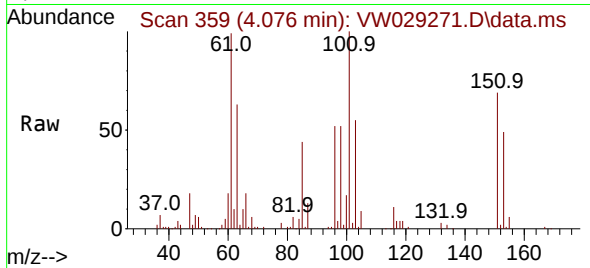




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.788 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW029271.D
 Acq: 20 Jun 2024 21:19

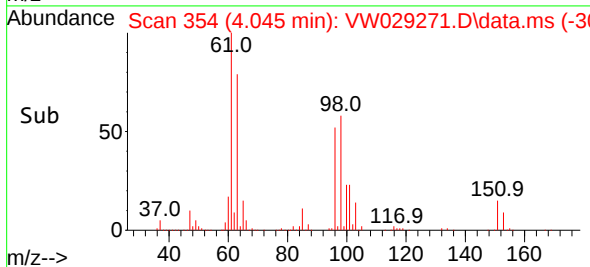
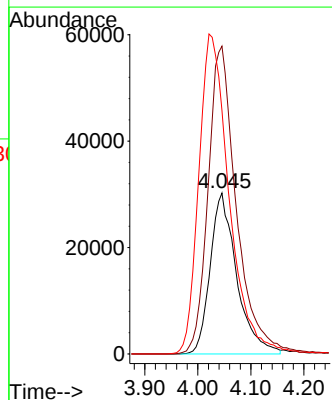
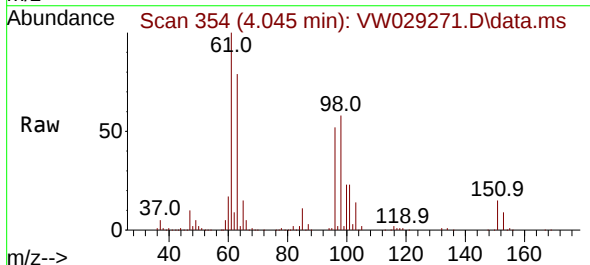
Instrument :
 MSVOA_W
 ClientSampleId :
 A4CS4MS

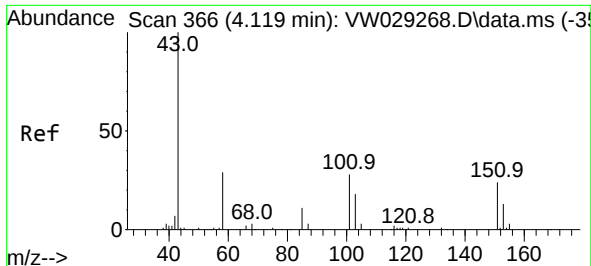
Tgt Ion:101 Resp: 107686
 Ion Ratio Lower Upper
 101 100
 85 43.9 30.2 45.2
 151 71.5 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 21.597 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW029271.D
 Acq: 20 Jun 2024 21:19

Tgt Ion: 96 Resp: 105031
 Ion Ratio Lower Upper
 96 100
 61 191.2 140.1 260.3
 63 151.2 122.0 226.6

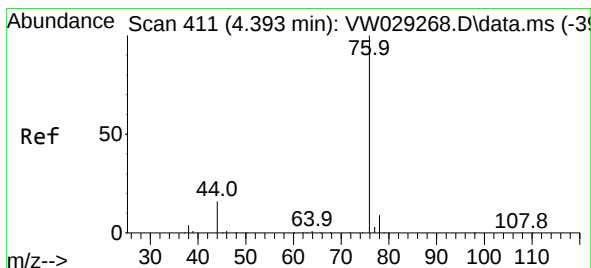
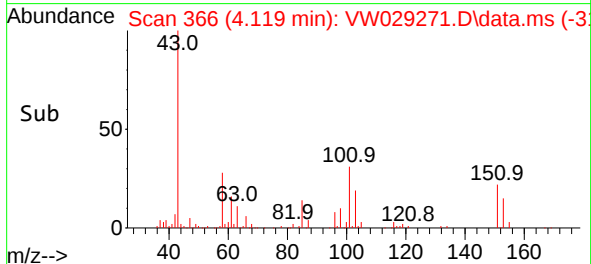
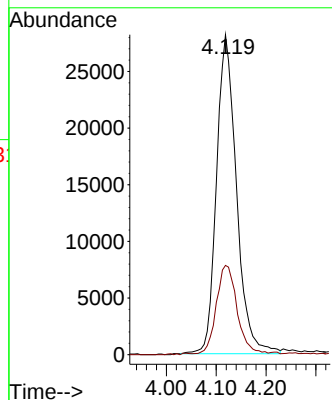
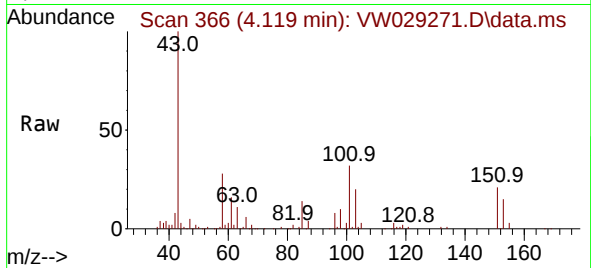




#13
Acetone
Concen: 53.090 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

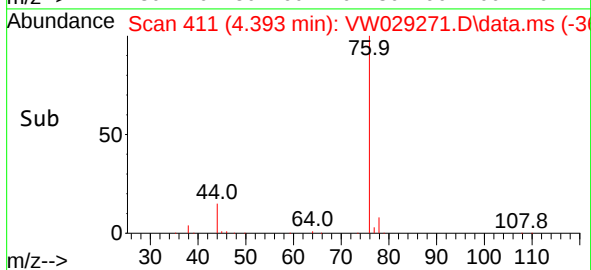
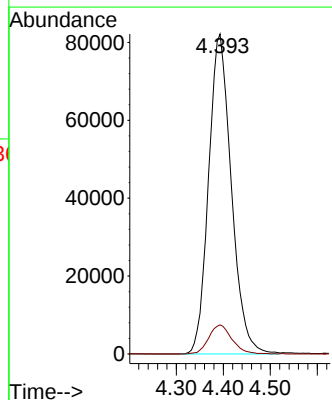
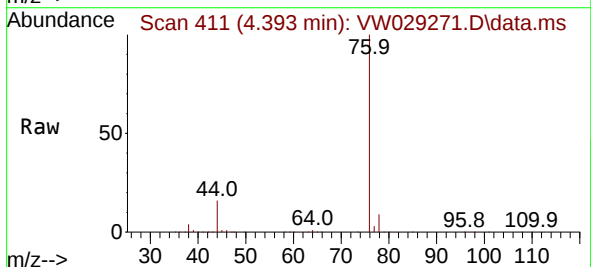
Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

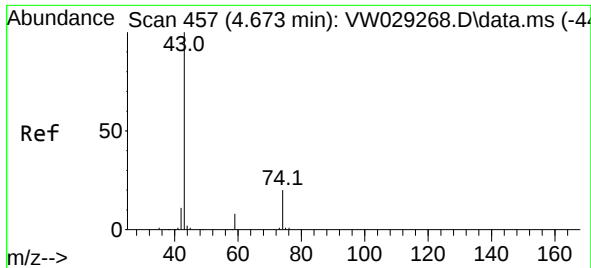
Tgt Ion: 43 Resp: 78417
Ion Ratio Lower Upper
43 100
58 29.0 0.0 61.4



#14
Carbon disulfide
Concen: 17.381 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Tgt Ion: 76 Resp: 275938
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

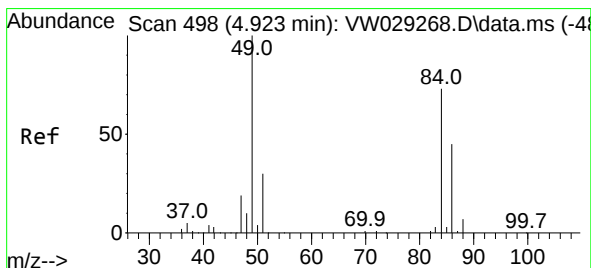
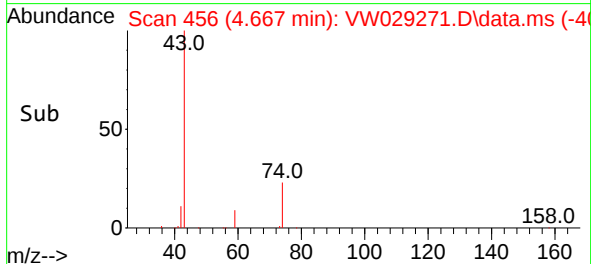
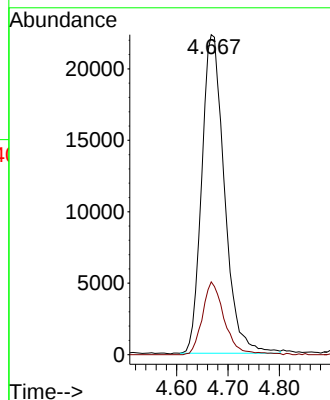
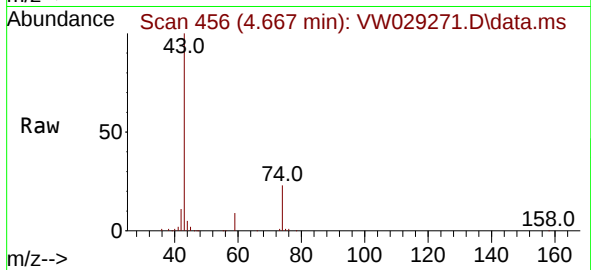




#15
Methyl Acetate
Concen: 23.289 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

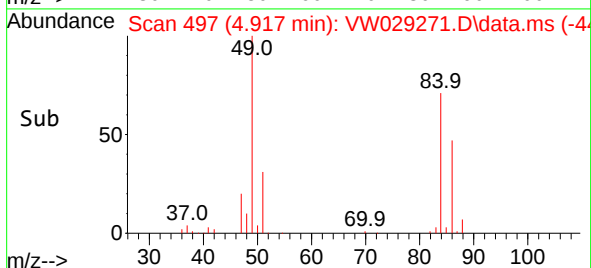
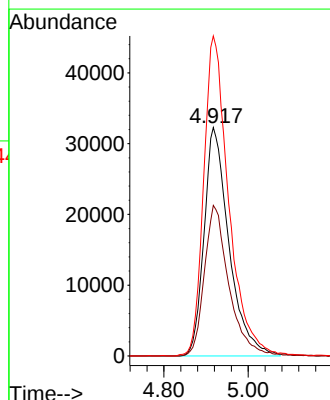
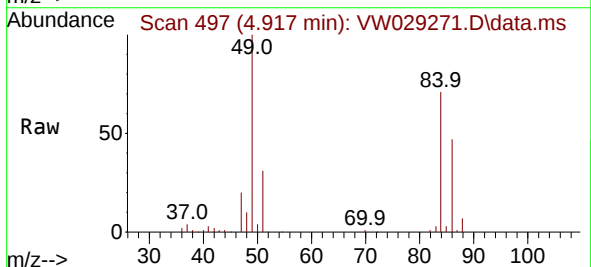
Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

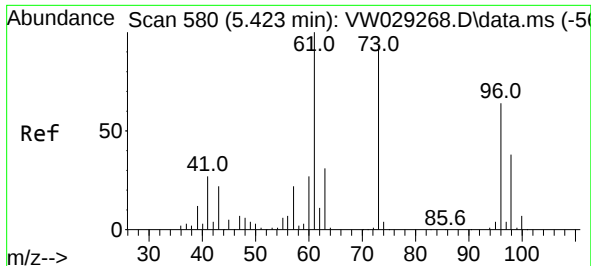
Tgt Ion: 43 Resp: 68291
Ion Ratio Lower Upper
43 100
74 21.7 16.6 25.0



#16
Methylene chloride
Concen: 17.977 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Tgt Ion: 84 Resp: 132675
Ion Ratio Lower Upper
84 100
86 65.9 41.4 77.0
49 140.0 95.7 177.7

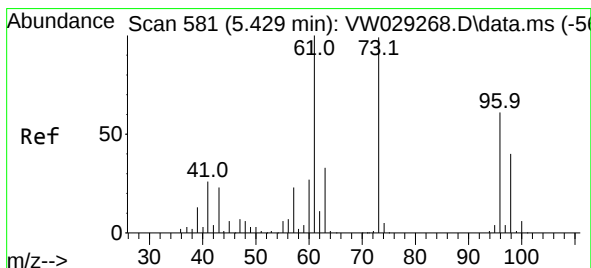
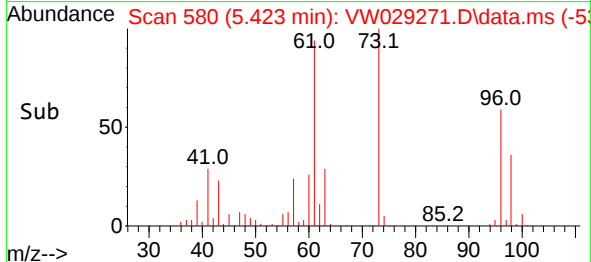
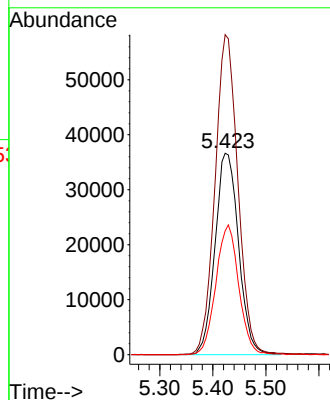
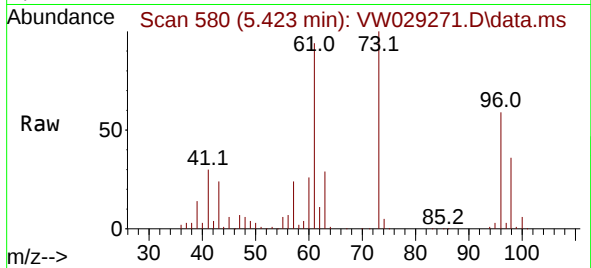




#17
trans-1,2-Dichloroethene
Concen: 20.896 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

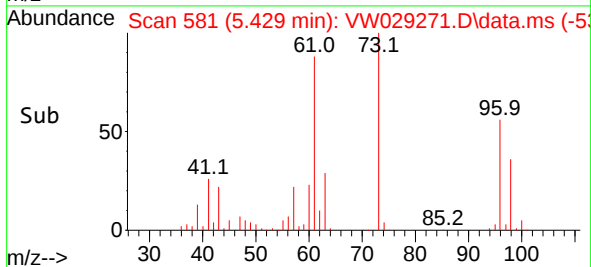
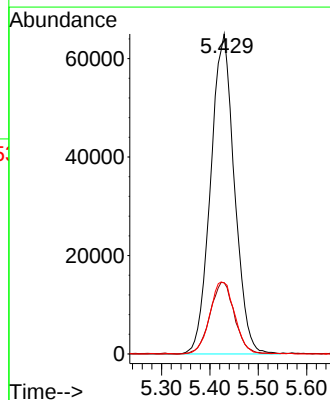
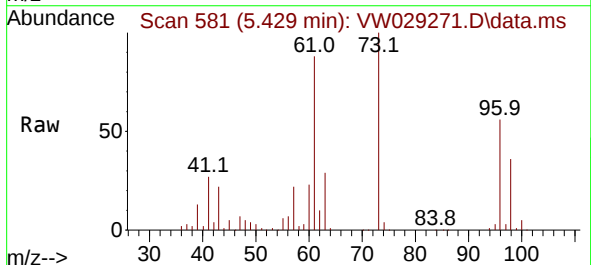
Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

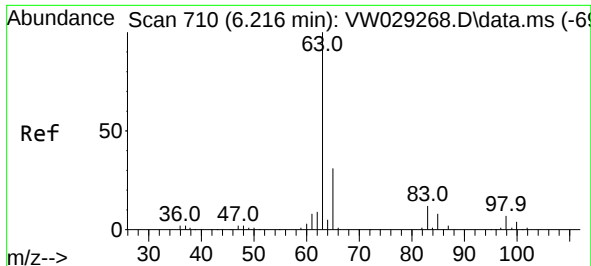
Tgt Ion: 96 Resp: 112855
Ion Ratio Lower Upper
96 100
61 158.8 101.5 188.5
98 61.4 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 25.683 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Tgt Ion: 73 Resp: 221928
Ion Ratio Lower Upper
73 100
43 23.0 19.5 29.3
57 23.5 18.4 27.6





#19

1,1-Dichloroethane

Concen: 22.061 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029271.D

Acq: 20 Jun 2024 21:19

Instrument :

MSVOA_W

ClientSampleId :

A4CS4MS

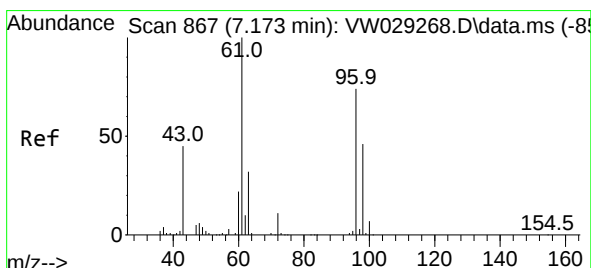
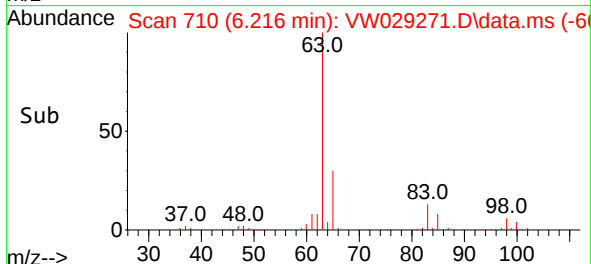
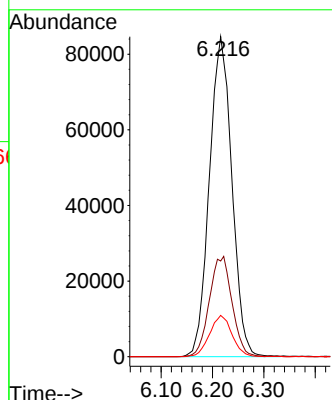
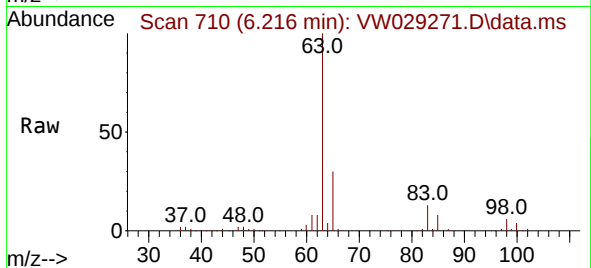
Tgt Ion: 63 Resp: 257339

Ion Ratio Lower Upper

63 100

65 29.9 23.4 43.4

83 12.9 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 21.838 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029271.D

Acq: 20 Jun 2024 21:19

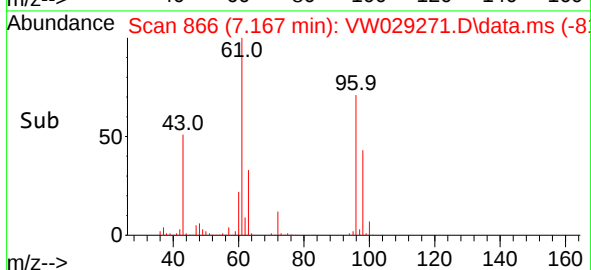
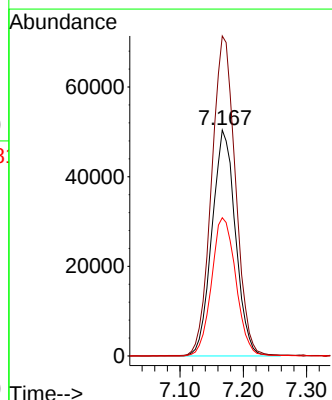
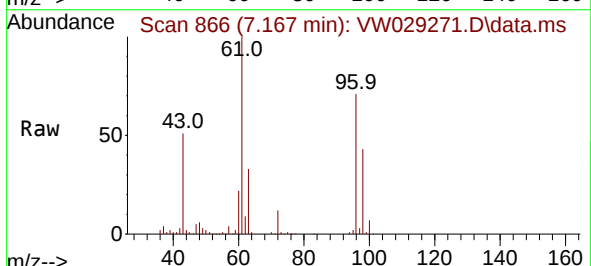
Tgt Ion: 96 Resp: 130060

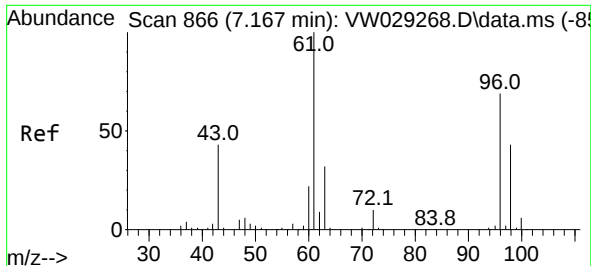
Ion Ratio Lower Upper

96 100

61 141.6 97.8 181.6

98 61.2 43.0 79.8





#22

2-Butanone

Concen: 48.777 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW029271.D

Acq: 20 Jun 2024 21:19

Instrument :

MSVOA_W

ClientSampleId :

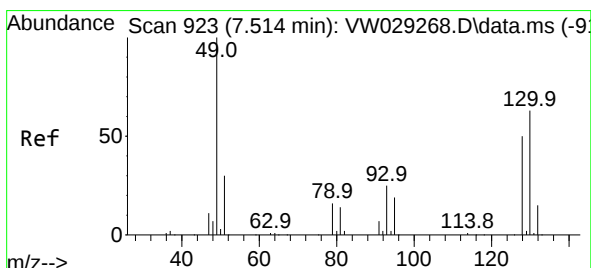
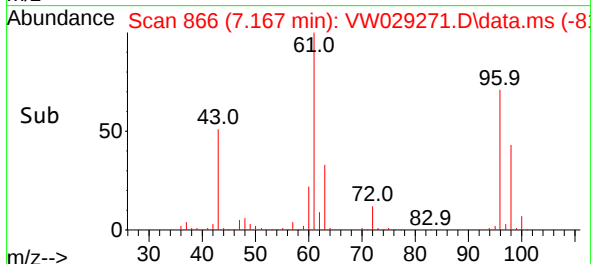
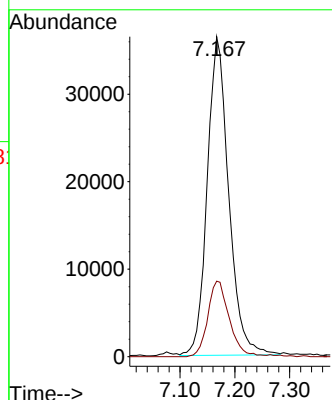
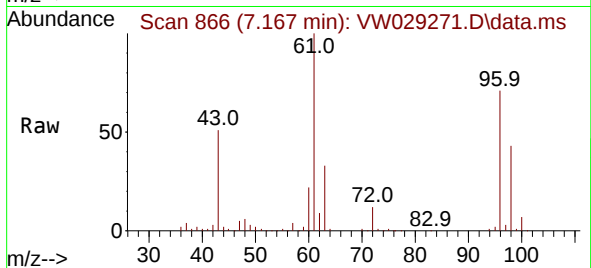
A4CS4MS

Tgt Ion: 43 Resp: 98761

Ion Ratio Lower Upper

43 100

72 23.3 11.9 35.7



#23

Bromochloromethane

Concen: 21.813 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW029271.D

Acq: 20 Jun 2024 21:19

Tgt Ion: 128 Resp: 57832

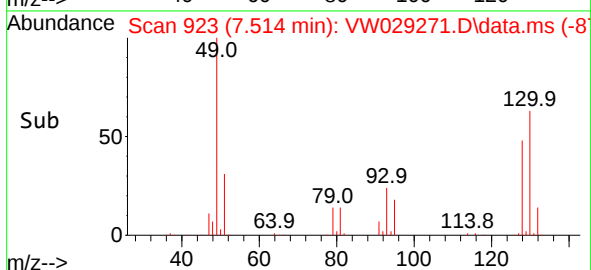
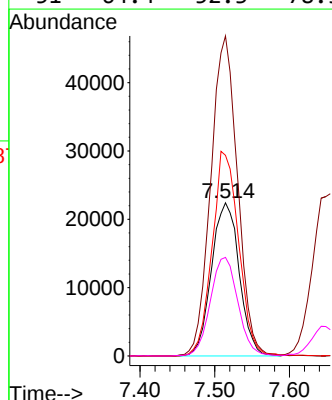
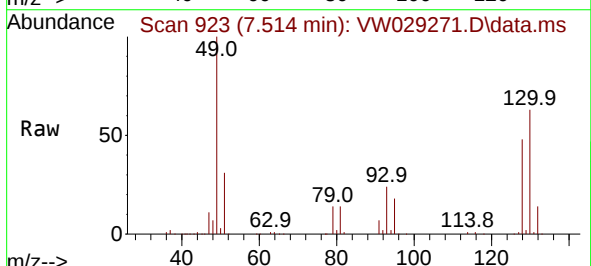
Ion Ratio Lower Upper

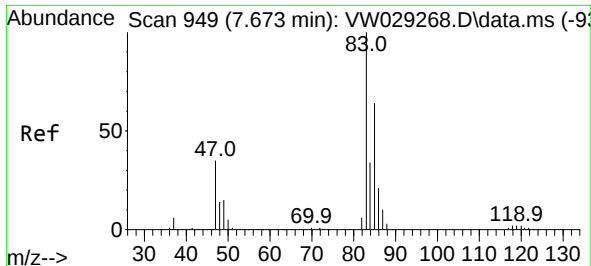
128 100

49 209.0 142.6 264.8

130 131.1 79.7 148.1

51 64.4 52.3 78.5

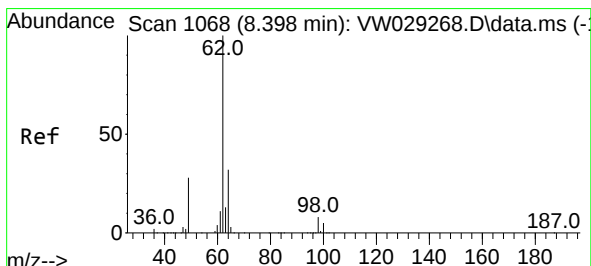
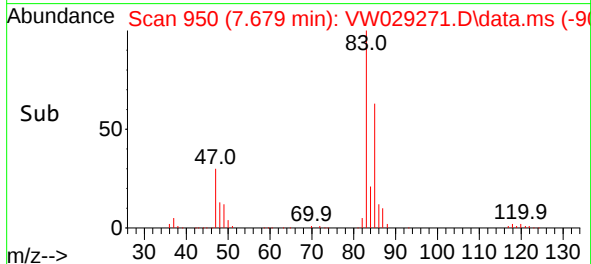
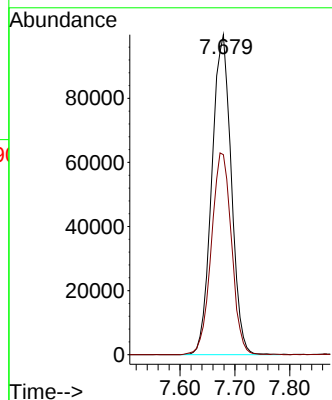
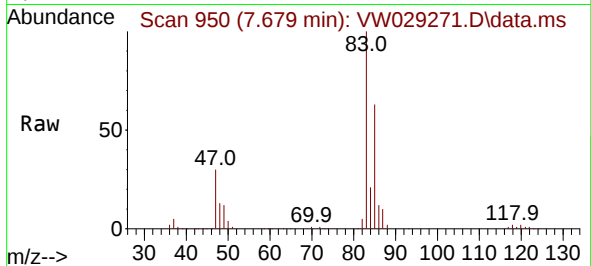




#25
Chloroform
Concen: 21.603 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

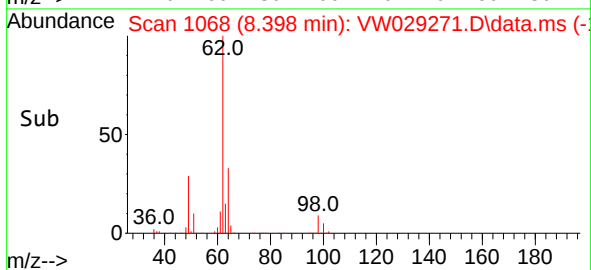
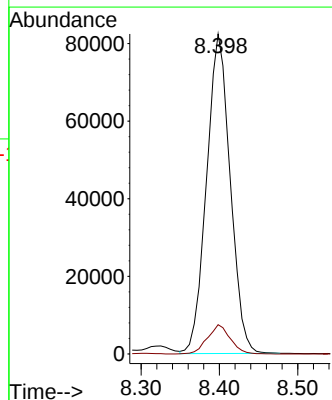
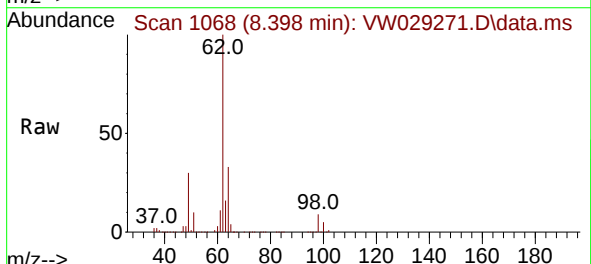
Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

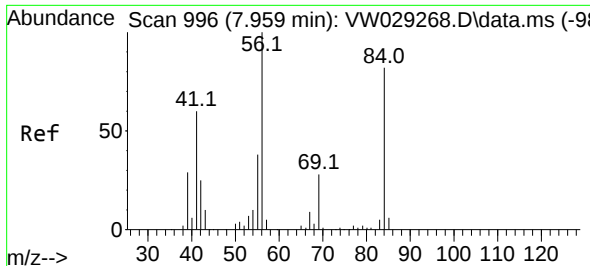
Tgt Ion: 83 Resp: 246071
Ion Ratio Lower Upper
83 100
85 62.5 44.4 82.4



#27
1,2-Dichloroethane
Concen: 20.573 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Tgt Ion: 62 Resp: 172824
Ion Ratio Lower Upper
62 100
98 9.1 6.6 10.0





#29

Cyclohexane

Concen: 23.237 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW029271.D

Acq: 20 Jun 2024 21:19

Instrument :

MSVOA_W

ClientSampleId :

A4CS4MS

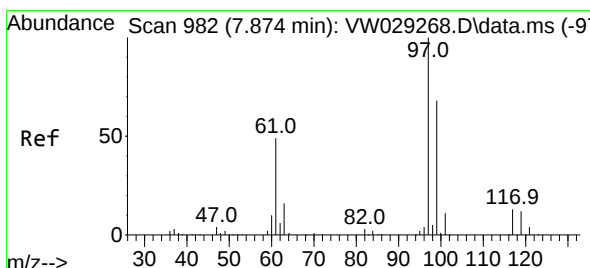
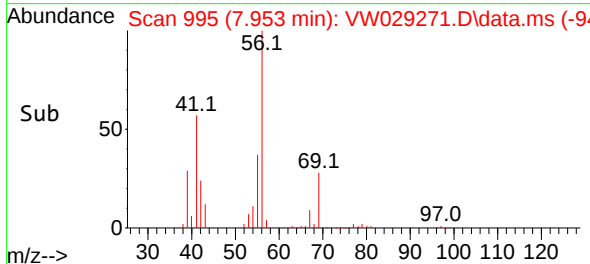
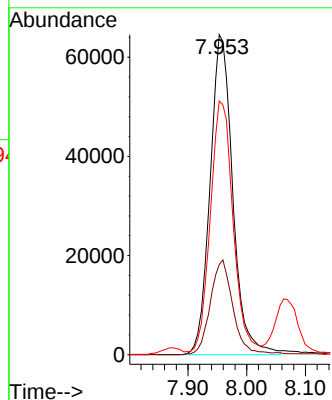
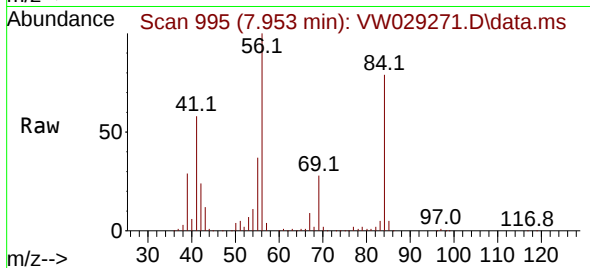
Tgt Ion: 56 Resp: 173054

Ion Ratio Lower Upper

56 100

69 29.4 23.4 35.0

84 79.5 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 26.092 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW029271.D

Acq: 20 Jun 2024 21:19

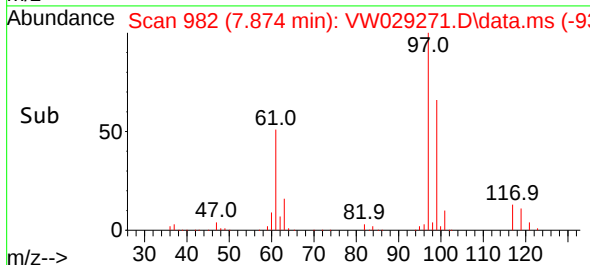
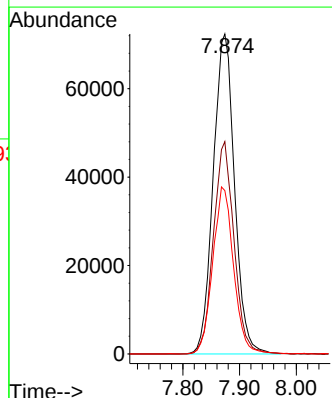
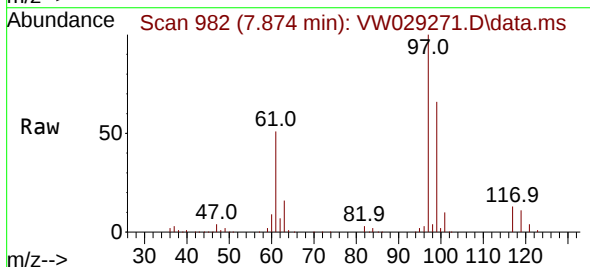
Tgt Ion: 97 Resp: 189011

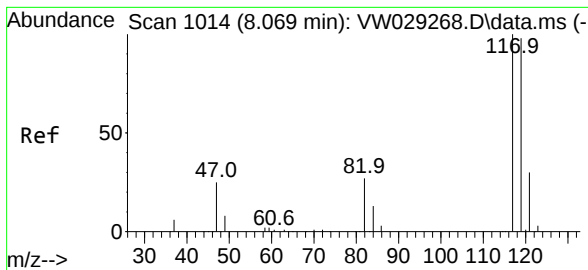
Ion Ratio Lower Upper

97 100

99 64.1 53.0 79.4

61 51.2 43.0 64.4

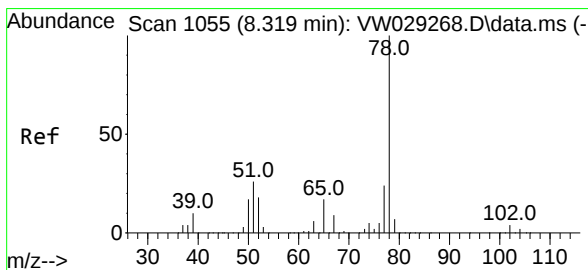
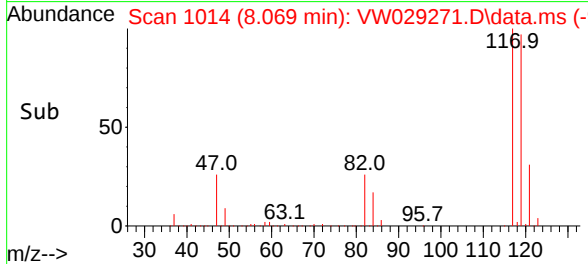
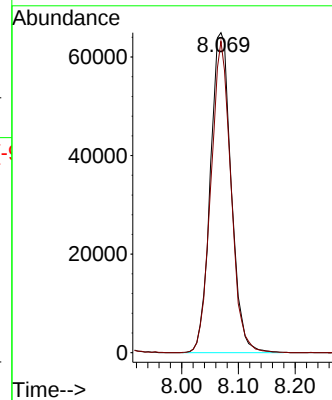
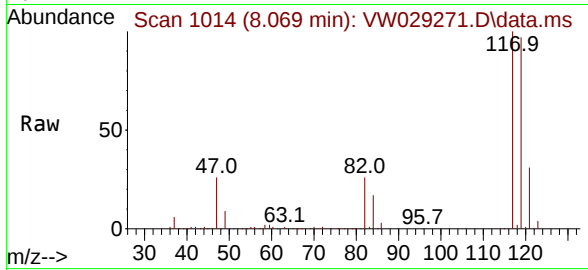




#31
Carbon tetrachloride
Concen: 25.051 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

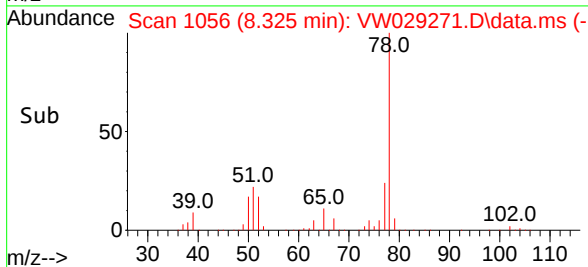
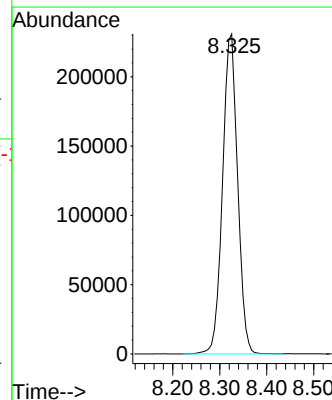
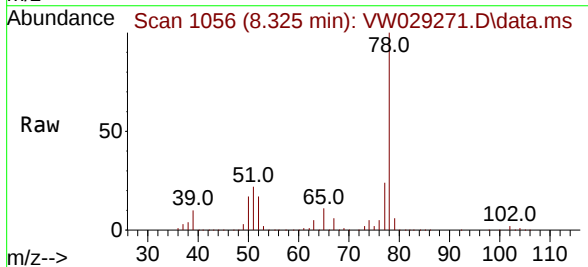
Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

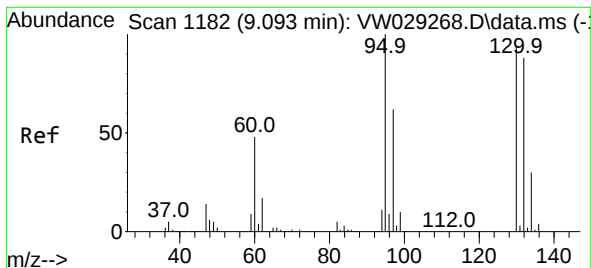
Tgt Ion:117 Resp: 165774
Ion Ratio Lower Upper
117 100
119 93.7 79.0 118.4



#33
Benzene
Concen: 26.370 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Tgt Ion: 78 Resp: 516159





#34

Trichloroethene

Concen: 24.141 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW029271.D

Acq: 20 Jun 2024 21:19

Instrument :

MSVOA_W

ClientSampleId :

A4CS4MS

Tgt Ion: 95 Resp: 126067

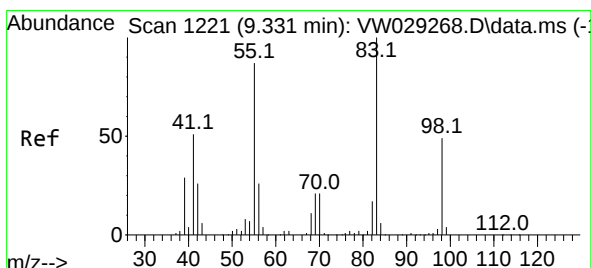
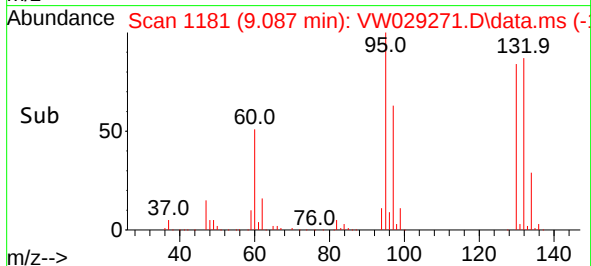
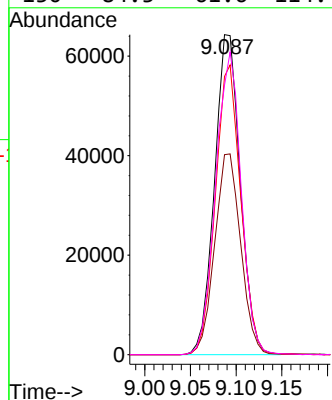
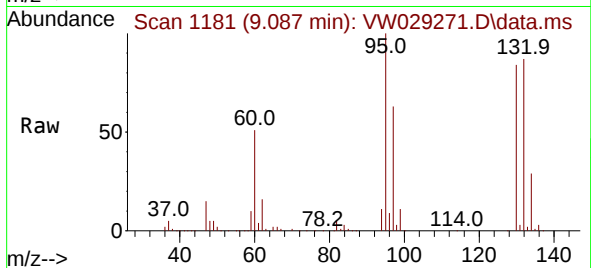
Ion Ratio Lower Upper

95 100

97 62.5 45.7 84.9

132 86.9 66.4 123.4

130 84.3 61.6 114.4



#35

Methylcyclohexane

Concen: 16.690 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW029271.D

Acq: 20 Jun 2024 21:19

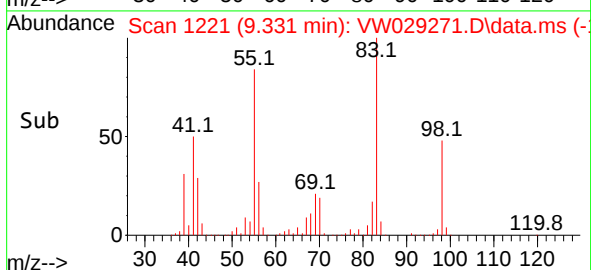
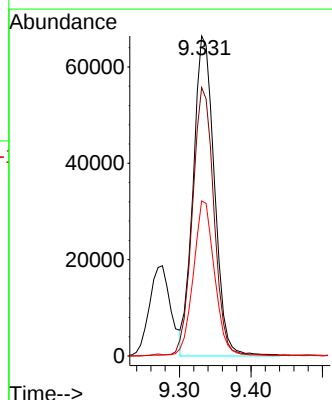
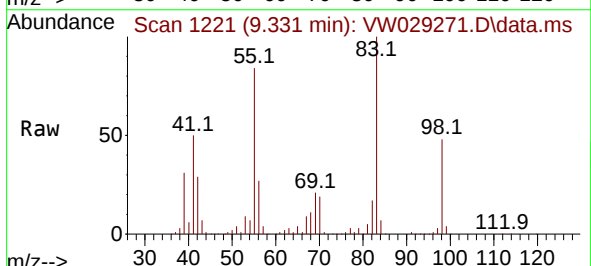
Tgt Ion: 83 Resp: 137074

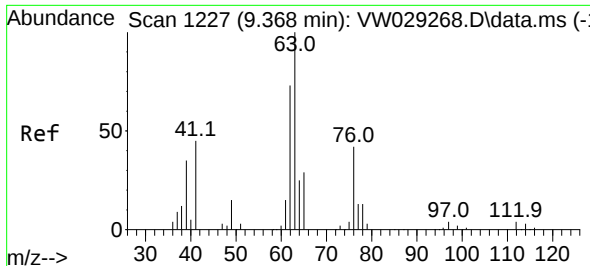
Ion Ratio Lower Upper

83 100

55 85.2 69.5 104.3

98 48.3 38.0 57.0





#37

1,2-Dichloropropane

Concen: 26.514 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW029271.D

Acq: 20 Jun 2024 21:19

Instrument :

MSVOA_W

ClientSampleId :

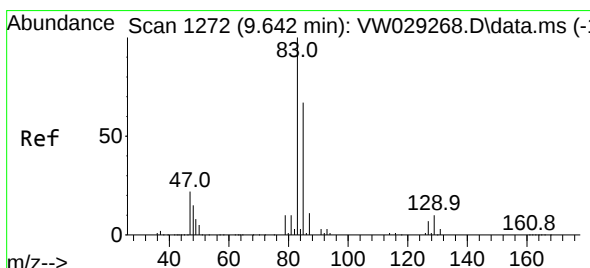
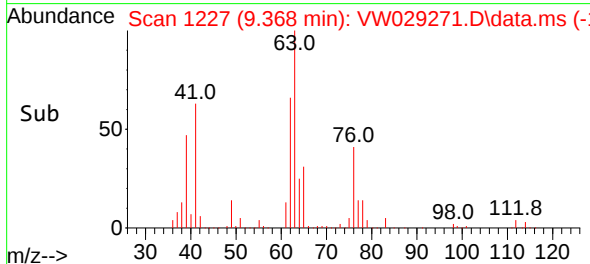
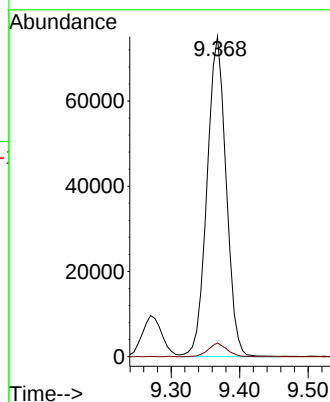
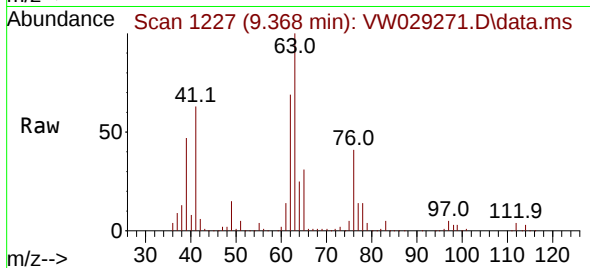
A4CS4MS

Tgt Ion: 63 Resp: 145827

Ion Ratio Lower Upper

63 100

112 4.1 3.8 5.6



#38

Bromodichloromethane

Concen: 25.089 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029271.D

Acq: 20 Jun 2024 21:19

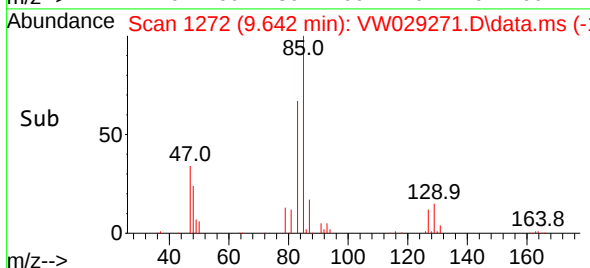
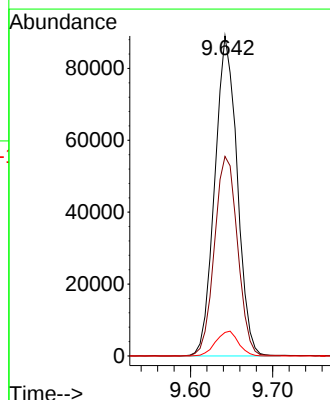
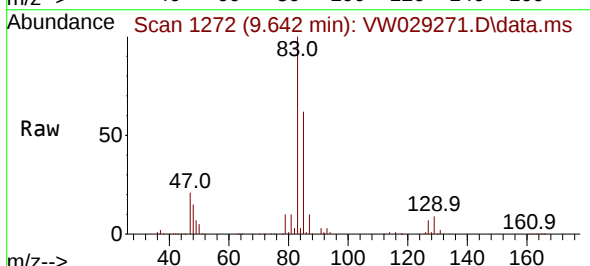
Tgt Ion: 83 Resp: 168714

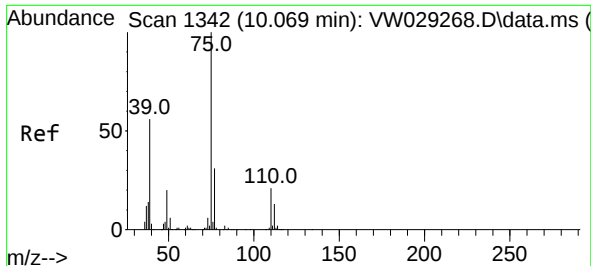
Ion Ratio Lower Upper

83 100

85 62.4 45.1 83.9

127 7.3 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 24.935 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW029271.D

Acq: 20 Jun 2024 21:19

Instrument :

MSVOA_W

ClientSampleId :

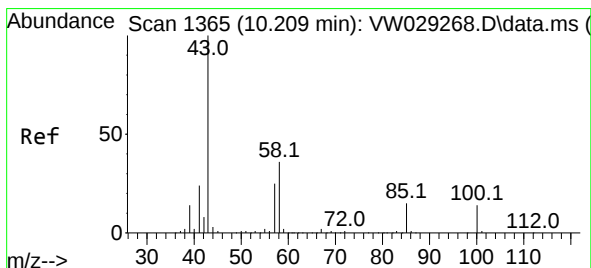
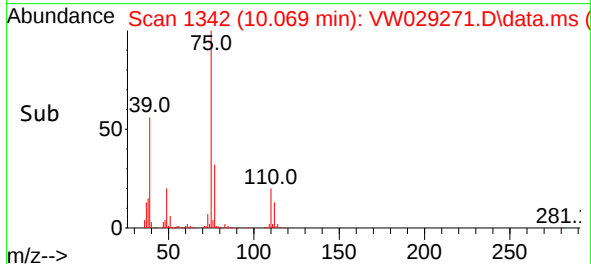
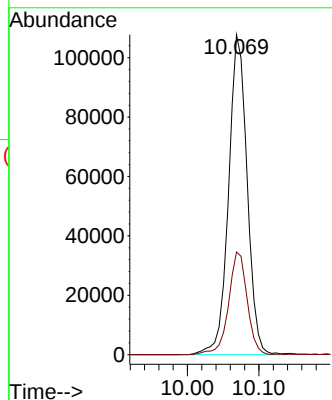
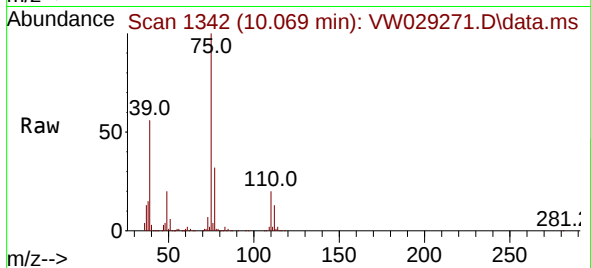
A4CS4MS

Tgt Ion: 75 Resp: 193867

Ion Ratio Lower Upper

75 100

77 32.1 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 63.607 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029271.D

Acq: 20 Jun 2024 21:19

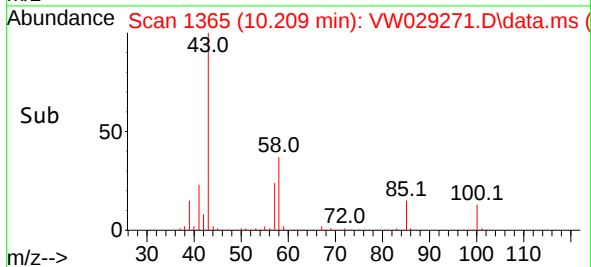
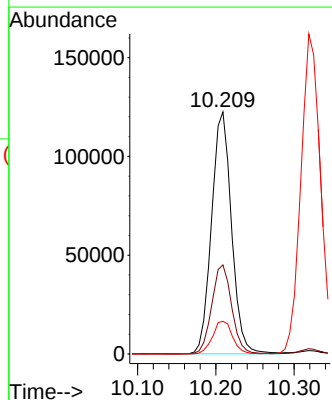
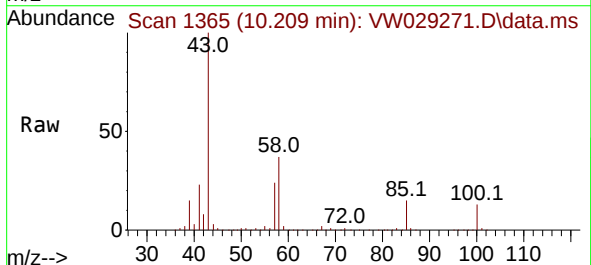
Tgt Ion: 43 Resp: 216837

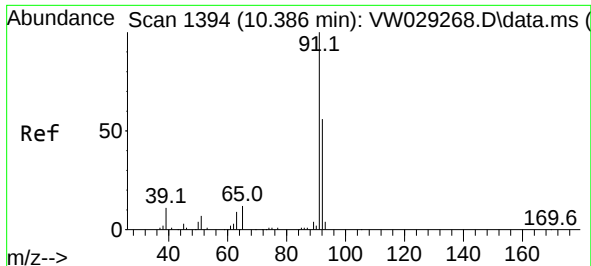
Ion Ratio Lower Upper

43 100

58 36.7 28.2 42.4

100 13.6 11.0 16.4

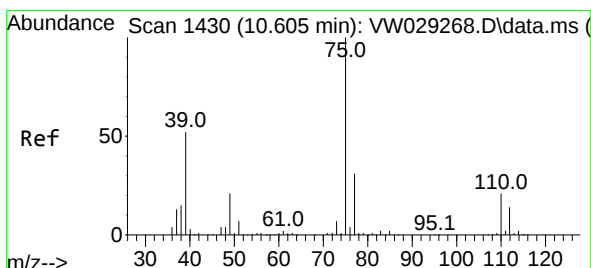
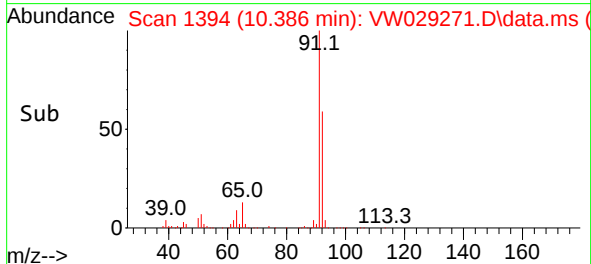
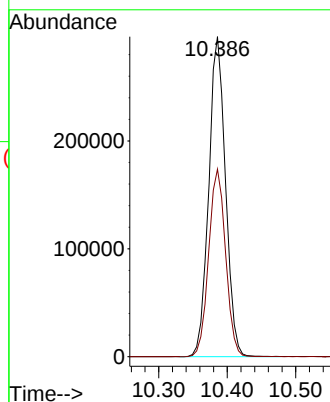
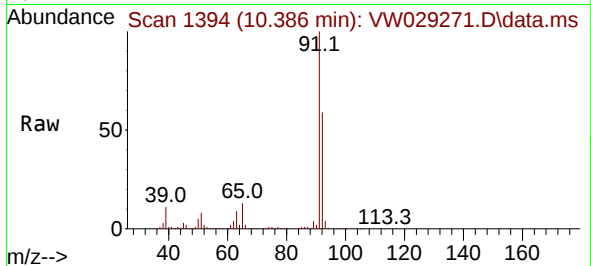




#42
Toluene
Concen: 25.056 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

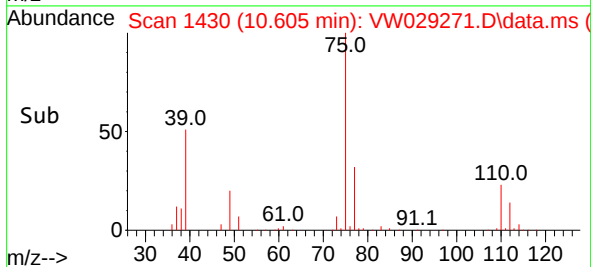
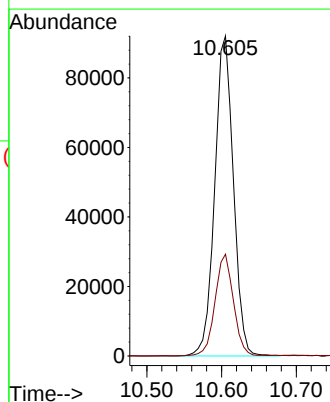
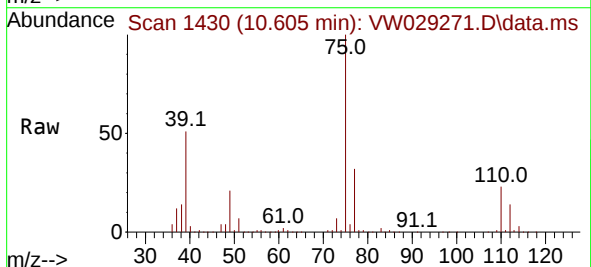
Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

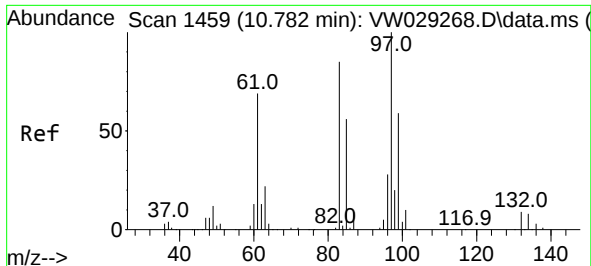
Tgt Ion: 91 Resp: 504183
Ion Ratio Lower Upper
91 100
92 58.6 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 24.401 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Tgt Ion: 75 Resp: 160188
Ion Ratio Lower Upper
75 100
77 31.8 22.7 42.1



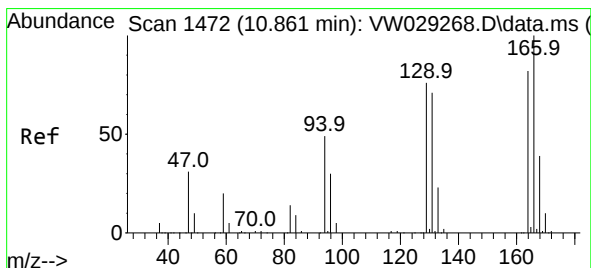
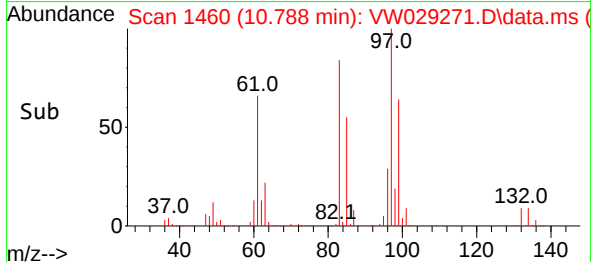
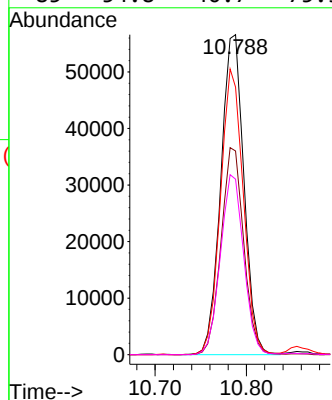
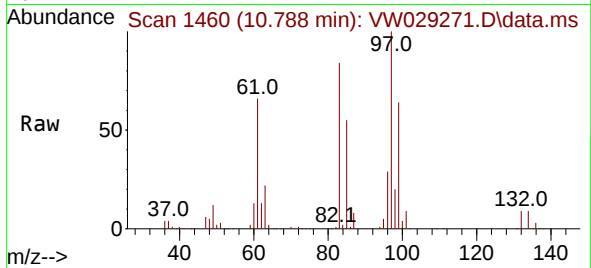


#45
1,1,2-Trichloroethane
Concen: 26.013 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

Tgt Ion: 97 Resp: 99644

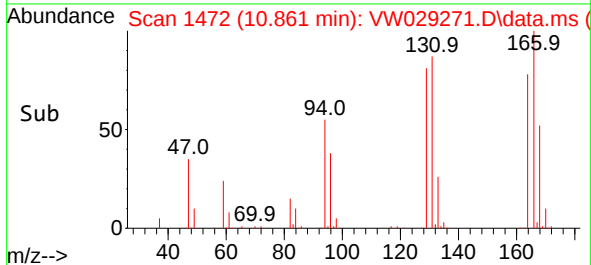
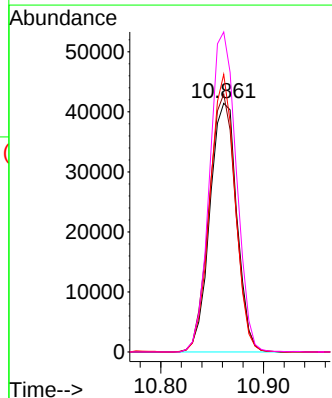
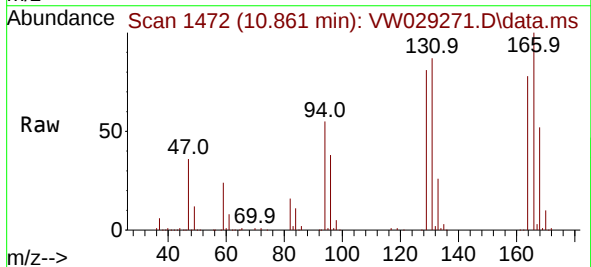
Ion	Ratio	Lower	Upper
97	100		
99	63.6	42.3	78.5
83	83.6	57.7	107.1
85	54.8	40.7	75.5

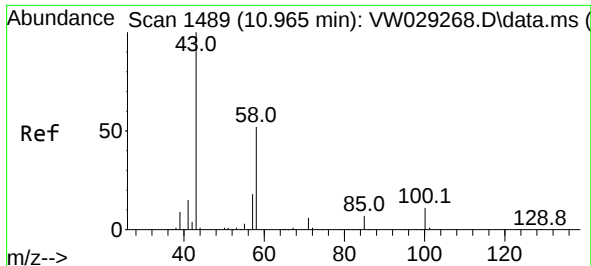


#46
Tetrachloroethene
Concen: 20.699 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Tgt Ion: 164 Resp: 75560

Ion	Ratio	Lower	Upper
164	100		
129	103.7	68.5	127.3
131	111.6	71.8	133.4
166	128.7	97.2	180.4

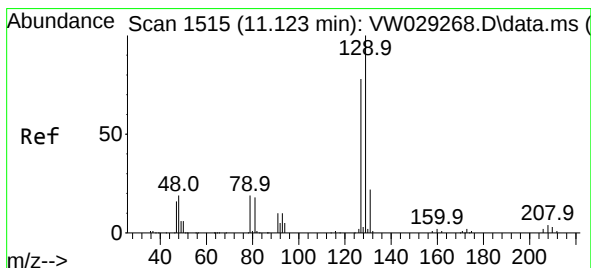
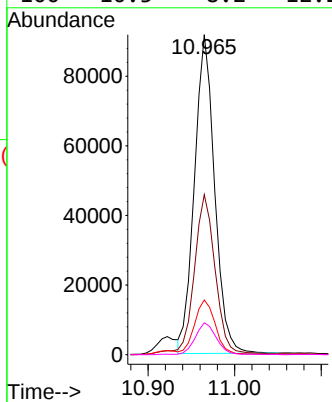
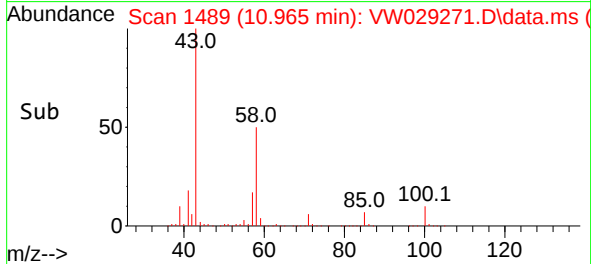
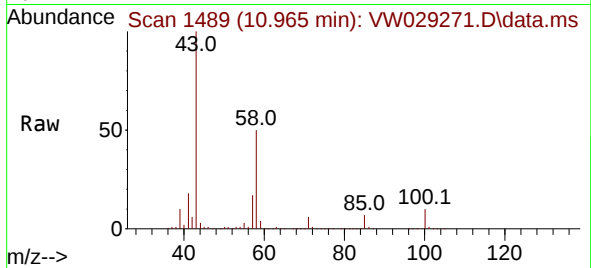




#48
2-Hexanone
Concen: 61.297 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

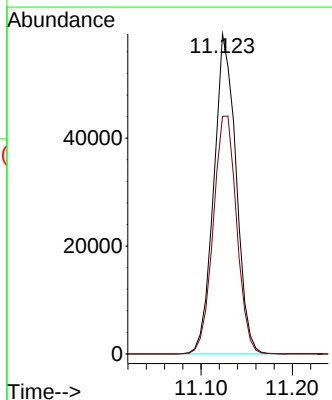
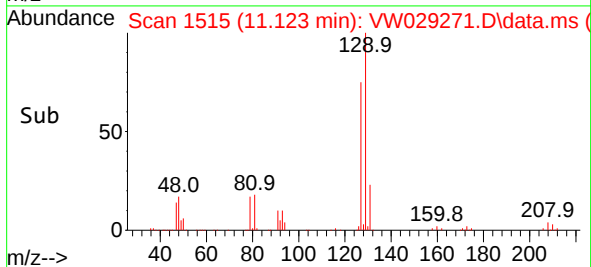
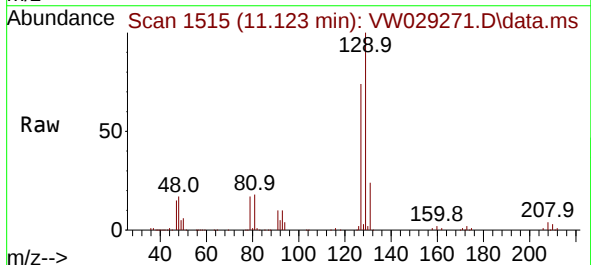
Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

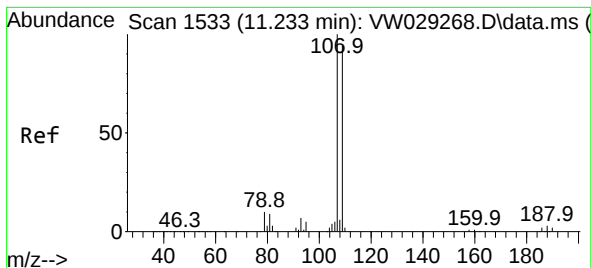
Tgt Ion: 43 Resp: 148273
Ion Ratio Lower Upper
43 100
58 52.9 39.6 59.4
57 17.7 14.6 21.8
100 10.3 8.2 12.2



#49
Dibromochloromethane
Concen: 25.053 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Tgt Ion: 129 Resp: 100319
Ion Ratio Lower Upper
129 100
127 74.2 54.8 101.8

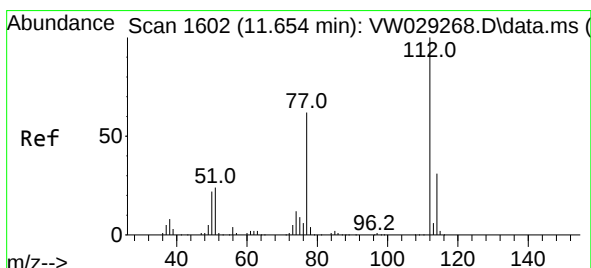
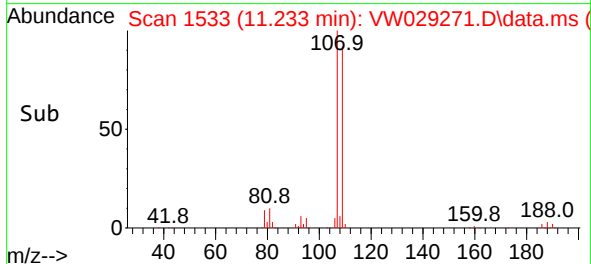
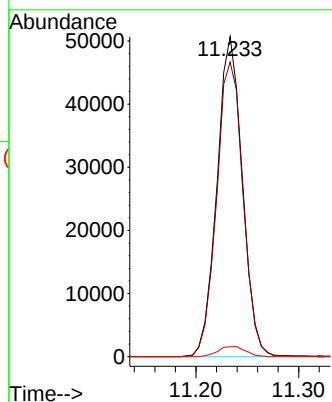
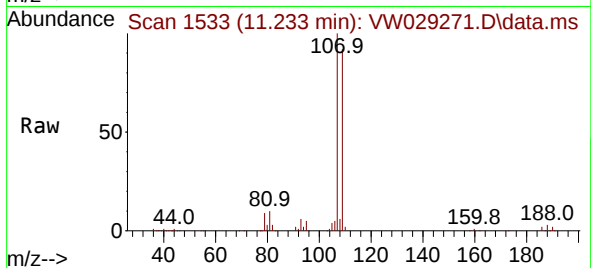




#50
1,2-Dibromoethane
Concen: 25.249 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

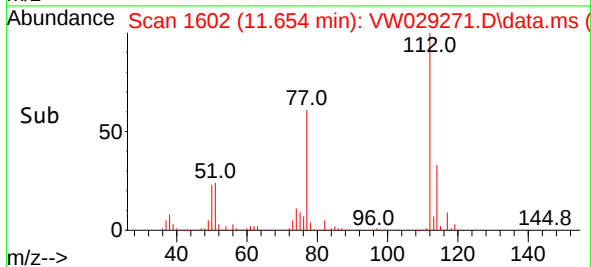
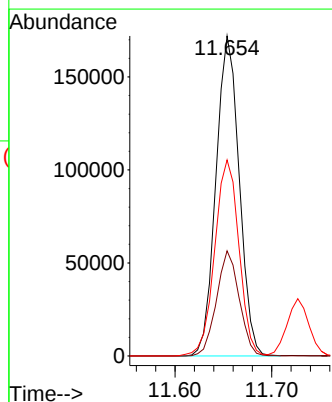
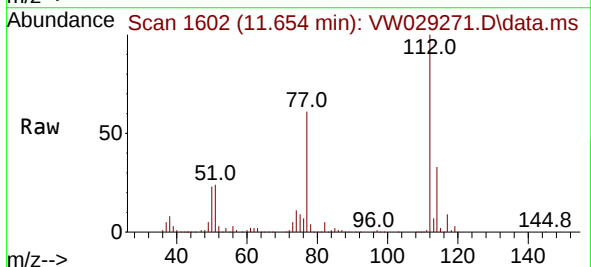
Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

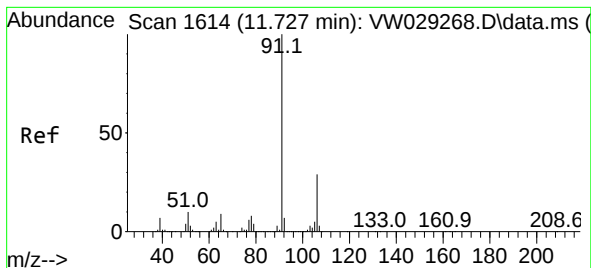
Tgt Ion:107 Resp: 86821
Ion Ratio Lower Upper
107 100
109 92.0 65.5 121.6
188 3.1 2.6 4.0



#51
Chlorobenzene
Concen: 22.018 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Tgt Ion:112 Resp: 287704
Ion Ratio Lower Upper
112 100
114 32.8 22.6 42.0
77 61.3 51.0 76.6

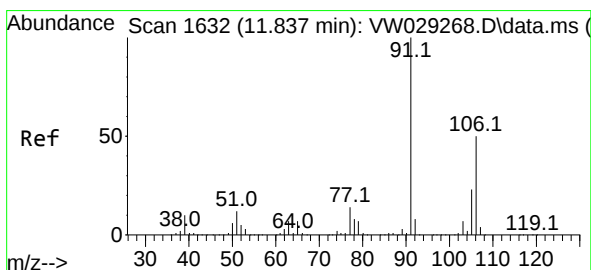
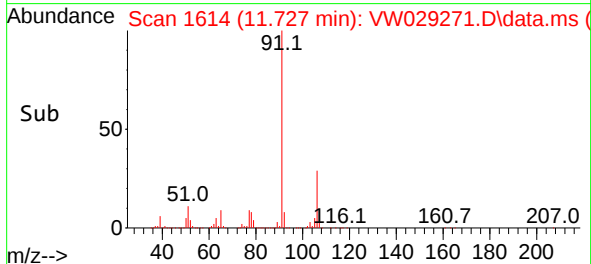
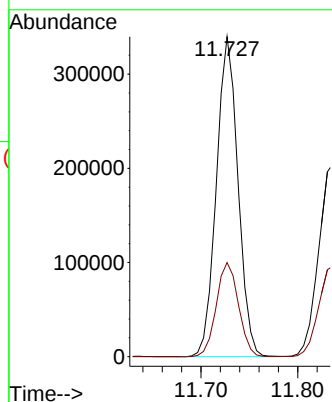
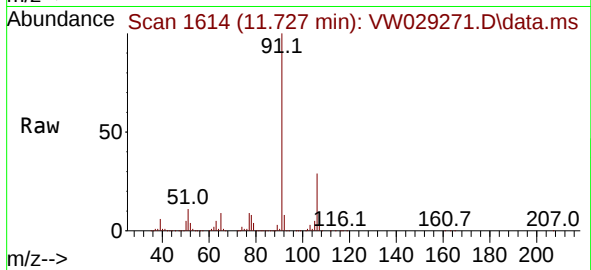




#52
Ethylbenzene
Concen: 23.059 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

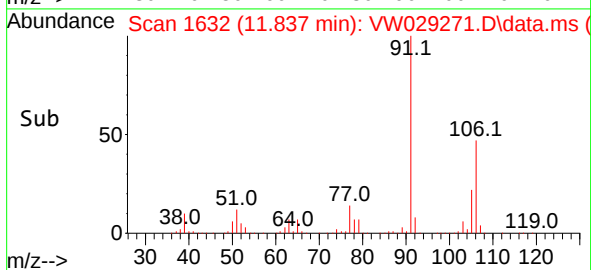
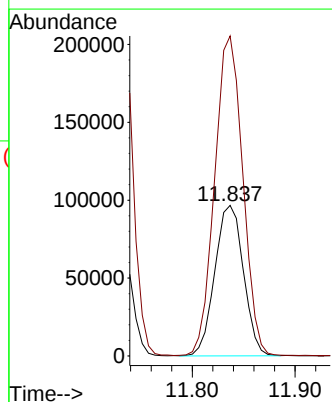
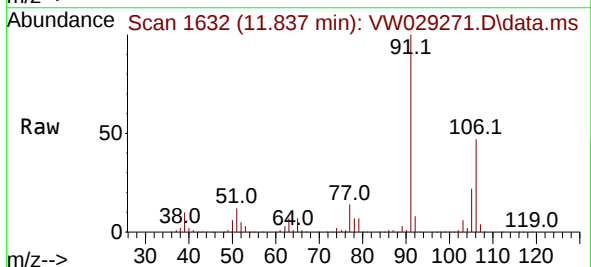
Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

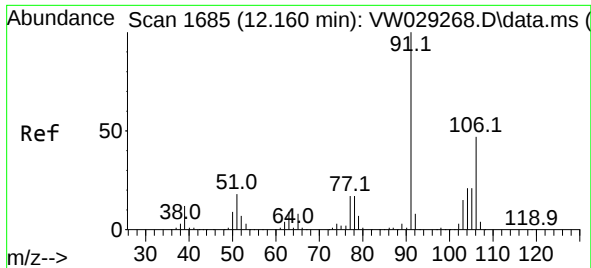
Tgt Ion: 91 Resp: 526692
Ion Ratio Lower Upper
91 100
106 29.4 19.9 37.0



#53
m,p-Xylene
Concen: 22.348 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Tgt Ion:106 Resp: 186453
Ion Ratio Lower Upper
106 100
91 212.5 140.5 260.9

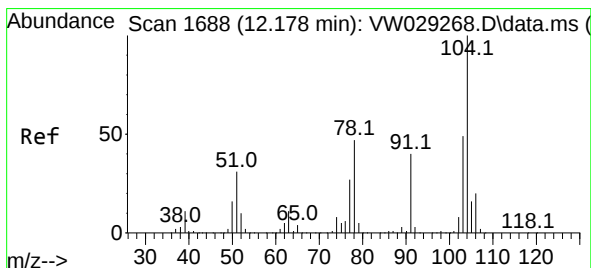
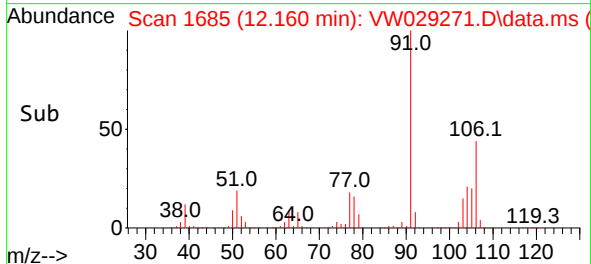
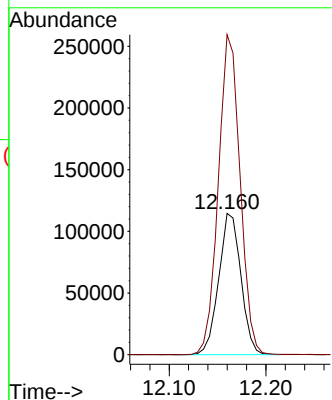
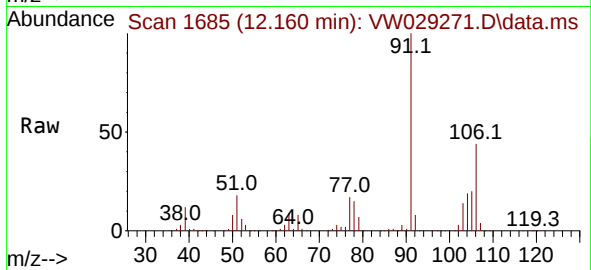




#54
o-Xylene
Concen: 23.344 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

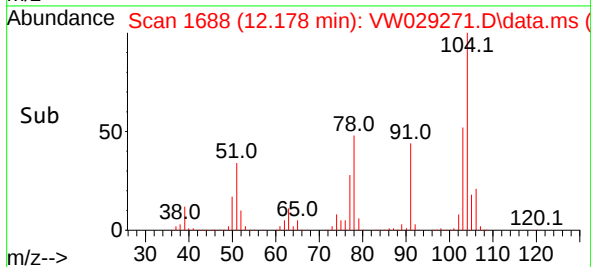
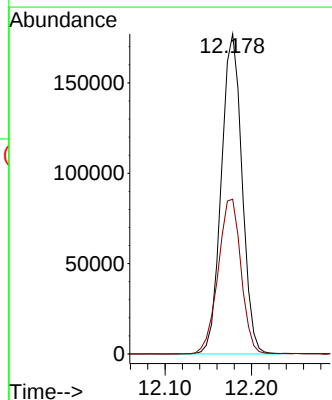
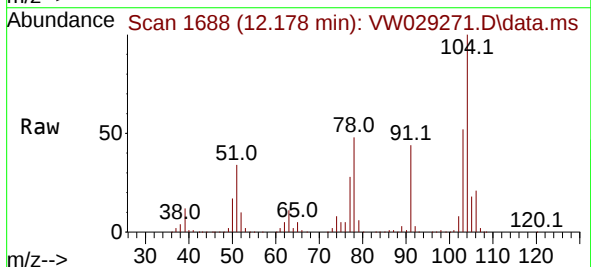
Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

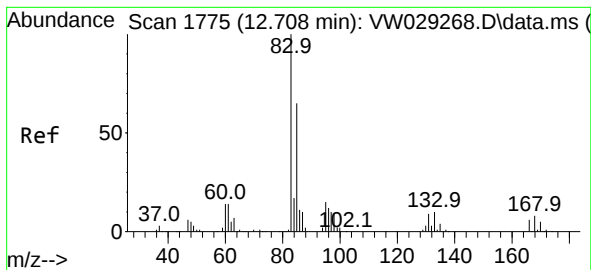
Tgt Ion:106 Resp: 182021
Ion Ratio Lower Upper
106 100
91 226.6 149.9 278.5



#55
Styrene
Concen: 21.589 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Tgt Ion:104 Resp: 293508
Ion Ratio Lower Upper
104 100
78 48.4 35.4 65.7

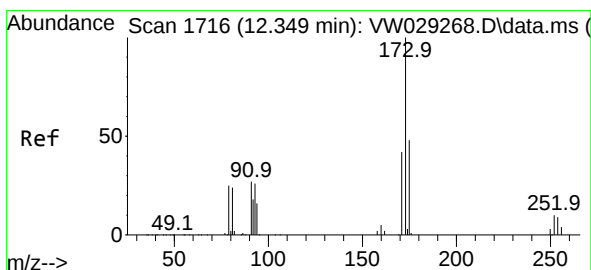
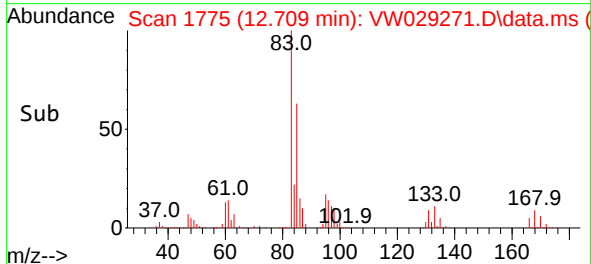
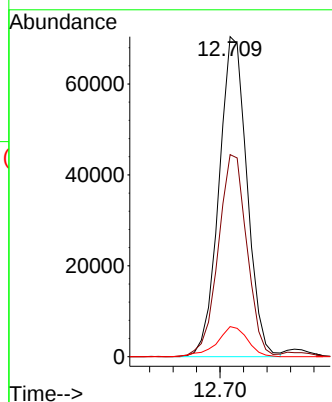
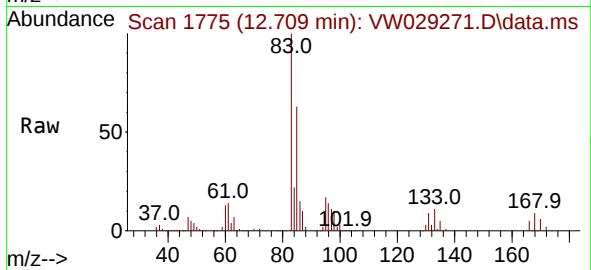




#57
1,1,2,2-Tetrachloroethane
Concen: 24.618 ug/L
RT: 12.709 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

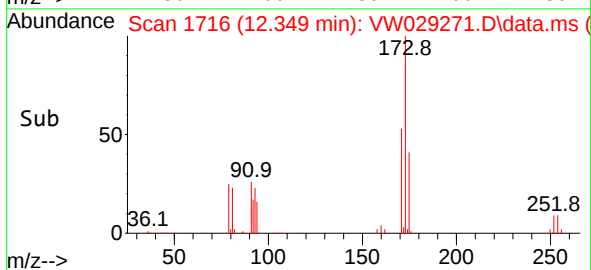
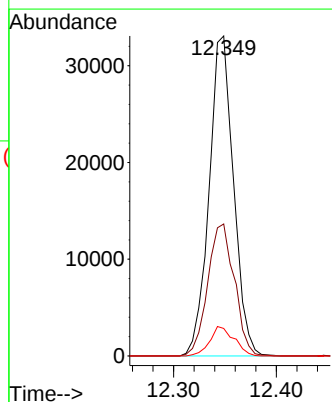
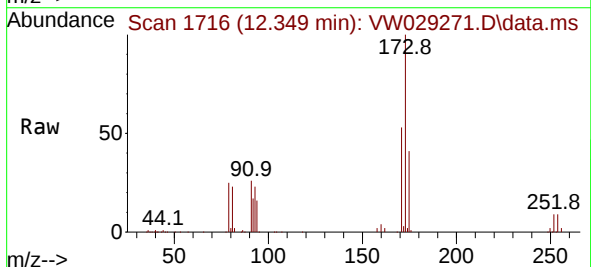
Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

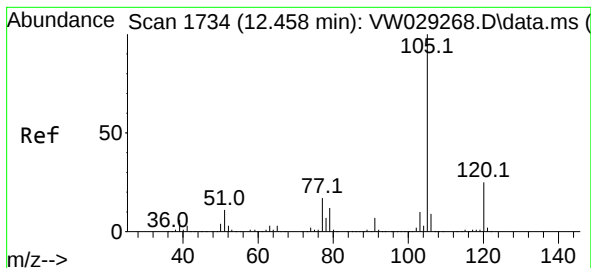
Tgt Ion: 83 Resp: 116650
Ion Ratio Lower Upper
83 100
85 63.2 45.8 85.0
131 9.4 7.8 11.6



#59
Bromoform
Concen: 35.066 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Tgt Ion: 173 Resp: 54623
Ion Ratio Lower Upper
173 100
175 45.0 37.8 56.8
254 9.1 7.8 11.6





#60

Isopropylbenzene

Concen: 30.369 ug/L

RT: 12.459 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW029271.D

Acq: 20 Jun 2024 21:19

Instrument :

MSVOA_W

ClientSampleId :

A4CS4MS

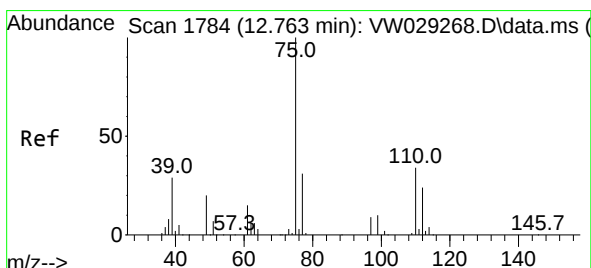
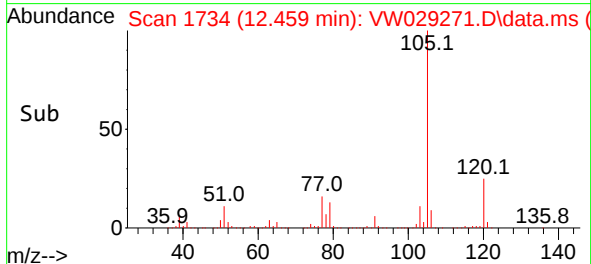
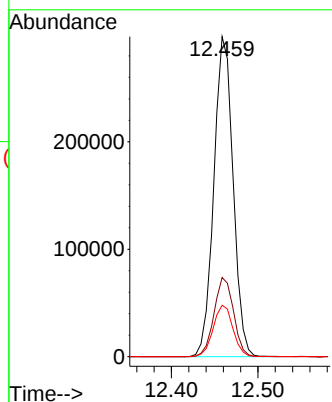
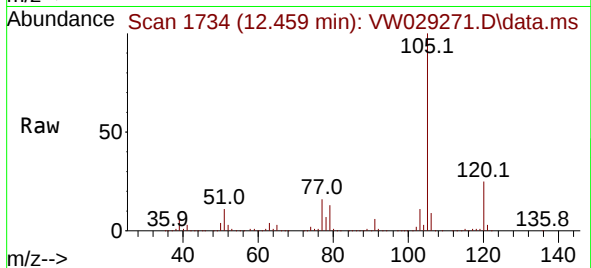
Tgt Ion:105 Resp: 459921

Ion Ratio Lower Upper

105 100

120 25.0 20.5 30.7

77 16.5 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 35.929 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029271.D

Acq: 20 Jun 2024 21:19

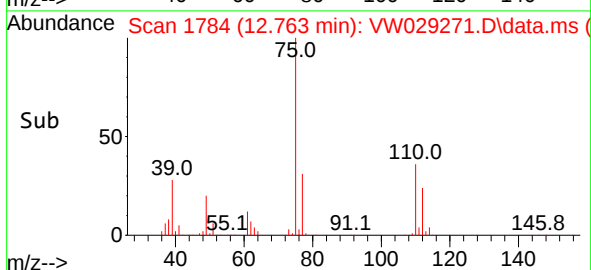
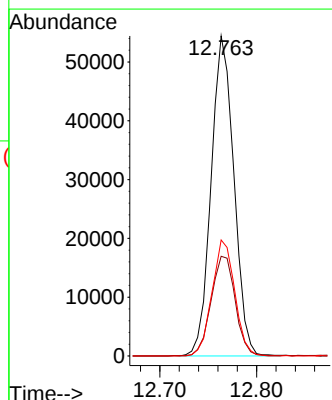
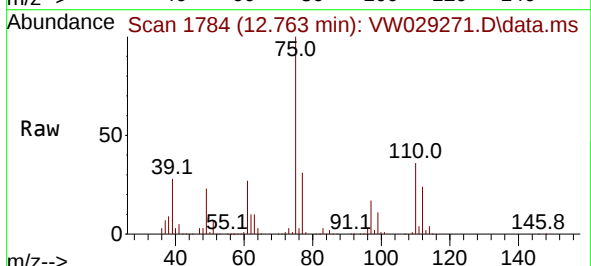
Tgt Ion: 75 Resp: 89069

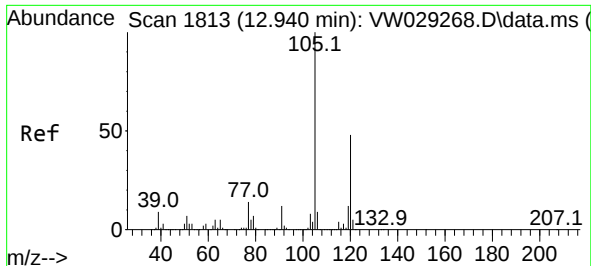
Ion Ratio Lower Upper

75 100

77 32.6 26.6 39.8

110 36.1 29.5 44.3

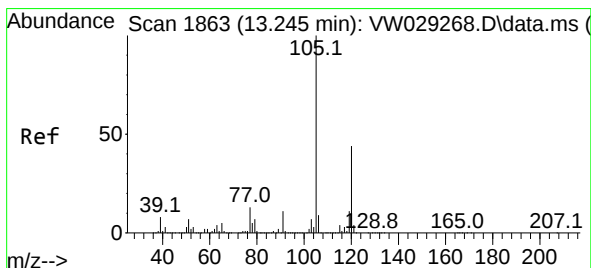
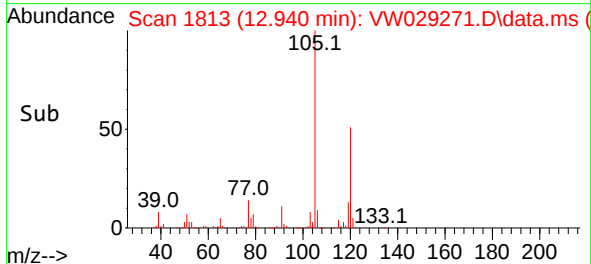
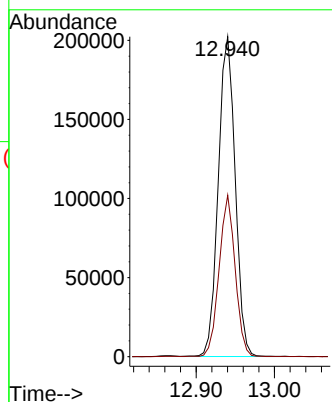
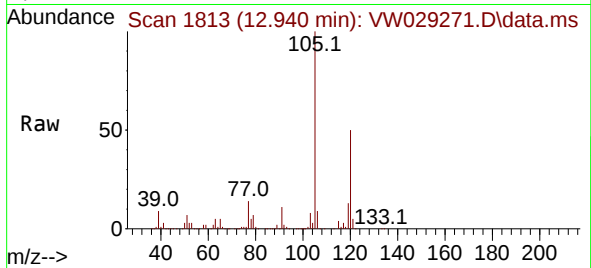




#62
1,3,5-Trimethylbenzene
Concen: 27.713 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

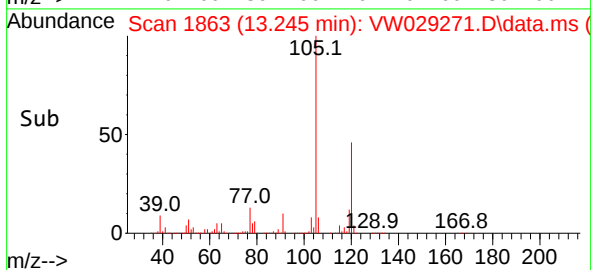
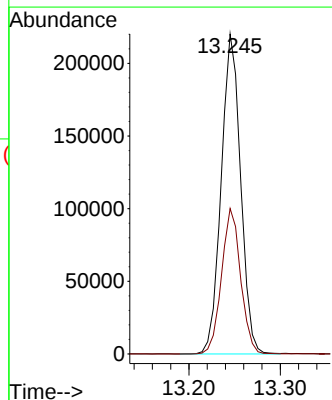
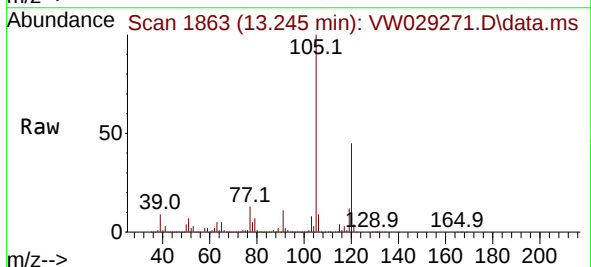
Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

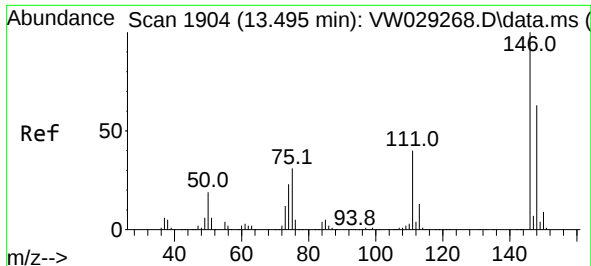
Tgt Ion:105 Resp: 303953
Ion Ratio Lower Upper
105 100
120 48.0 36.4 54.6



#63
1,2,4-Trimethylbenzene
Concen: 27.565 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Tgt Ion:105 Resp: 325288
Ion Ratio Lower Upper
105 100
120 44.7 34.9 52.3

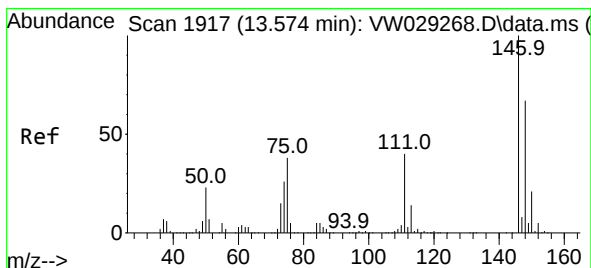
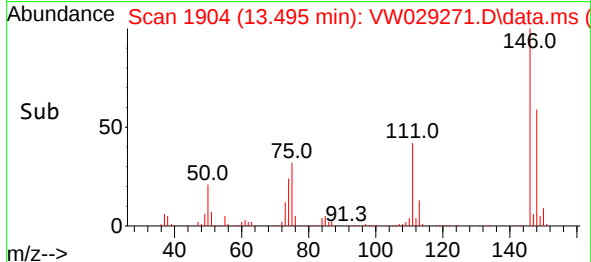
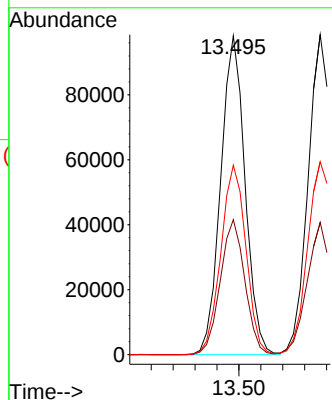
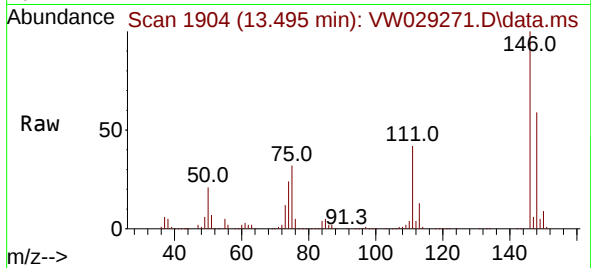




#64
1,3-Dichlorobenzene
Concen: 23.131 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

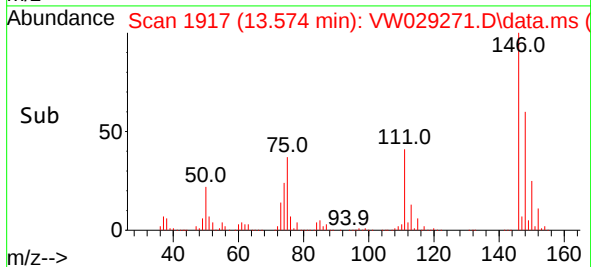
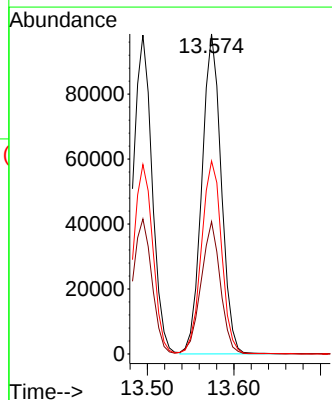
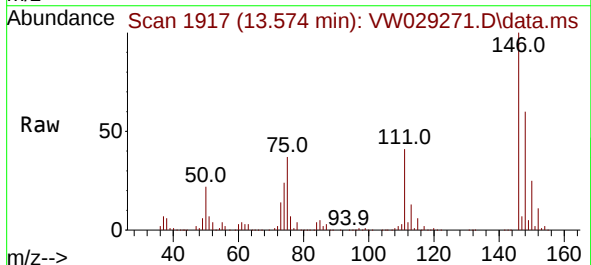
Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

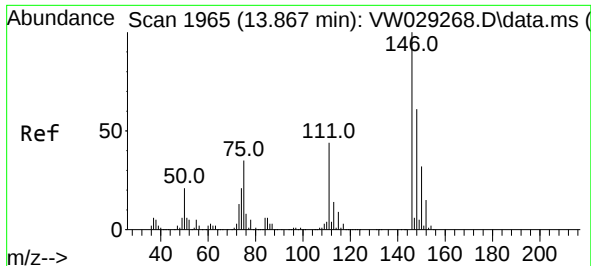
Tgt Ion:146 Resp: 151595
Ion Ratio Lower Upper
146 100
111 42.4 33.0 61.2
148 59.4 47.5 88.1



#65
1,4-Dichlorobenzene
Concen: 21.959 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Tgt Ion:146 Resp: 153118
Ion Ratio Lower Upper
146 100
111 41.4 28.9 53.7
148 60.3 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 22.684 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW029271.D

Acq: 20 Jun 2024 21:19

Instrument :

MSVOA_W

ClientSampleId :

A4CS4MS

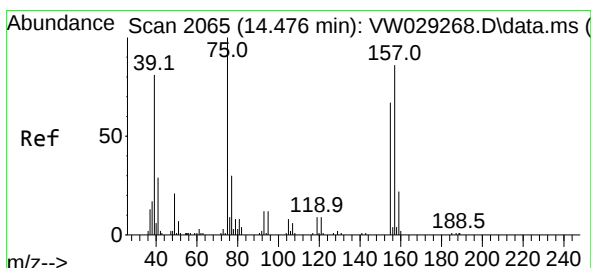
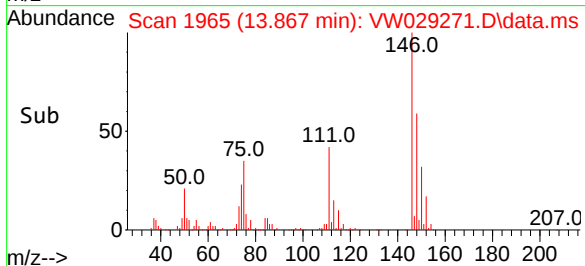
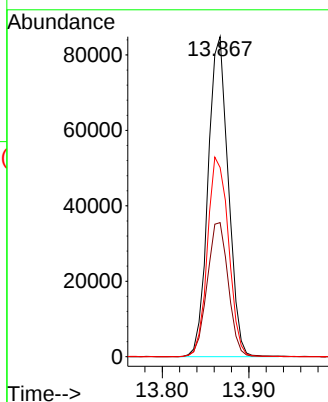
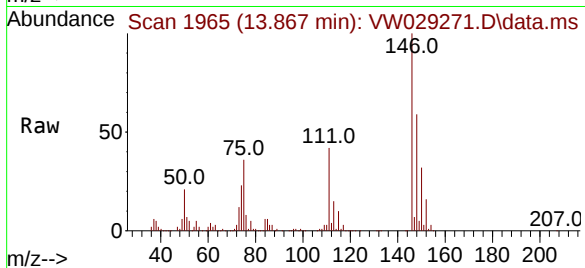
Tgt Ion:146 Resp: 137438

Ion Ratio Lower Upper

146 100

111 41.9 34.2 51.4

148 59.1 46.3 69.5



#68

1,2-Dibromo-3-chloropropane

Concen: 30.544 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW029271.D

Acq: 20 Jun 2024 21:19

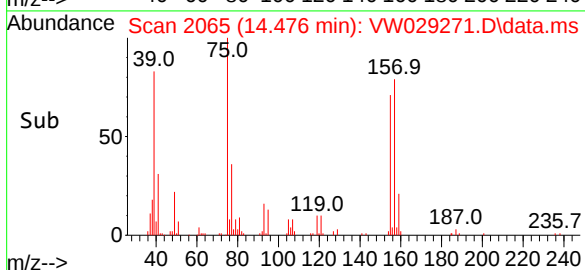
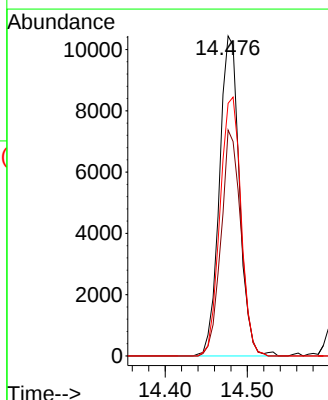
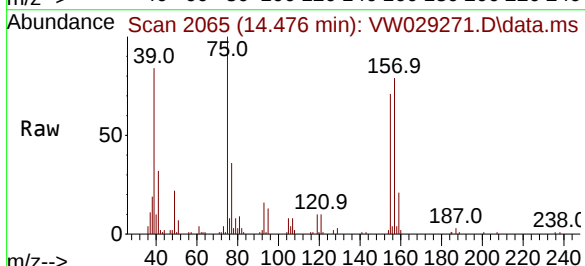
Tgt Ion: 75 Resp: 17670

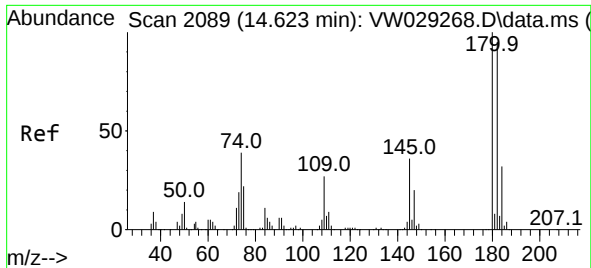
Ion Ratio Lower Upper

75 100

155 70.6 51.0 76.6

157 78.9 58.8 88.2

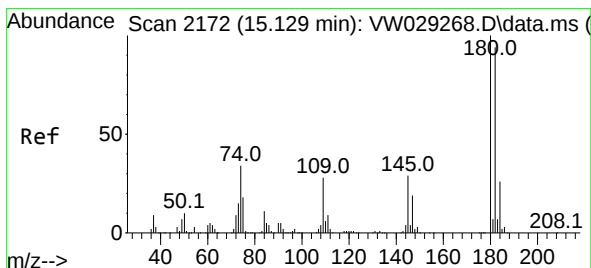
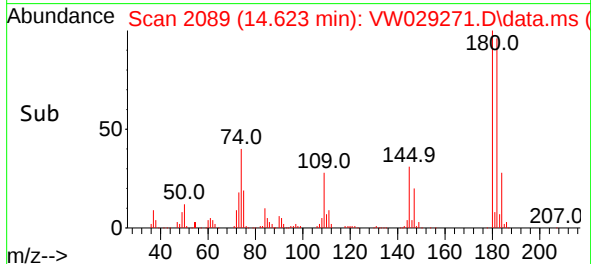
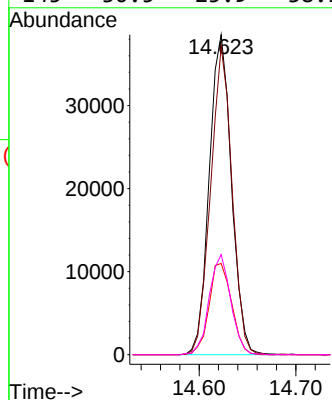
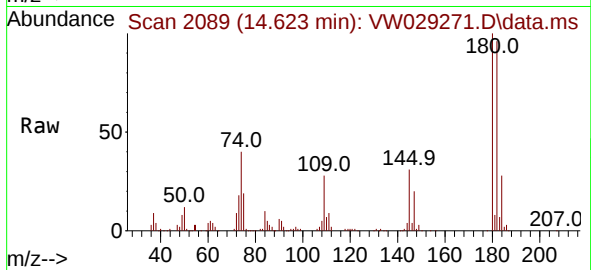




#69
 1,3,5-Trichlorobenzene
 Concen: 13.875 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW029271.D
 Acq: 20 Jun 2024 21:19

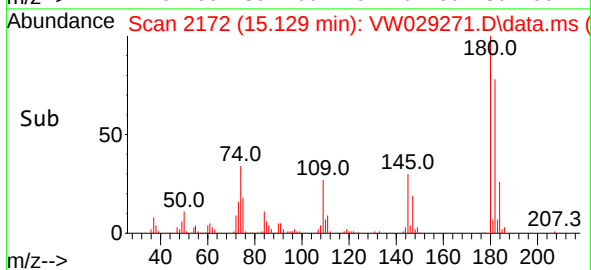
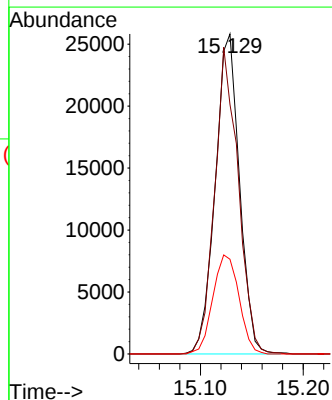
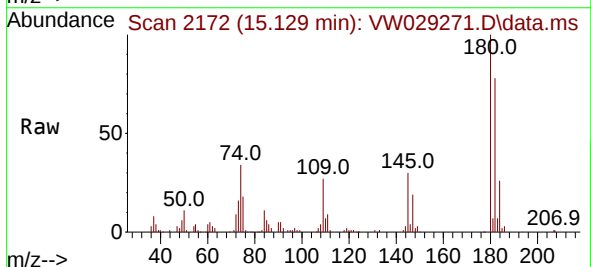
Instrument :
 MSVOA_W
 ClientSampleId :
 A4CS4MS

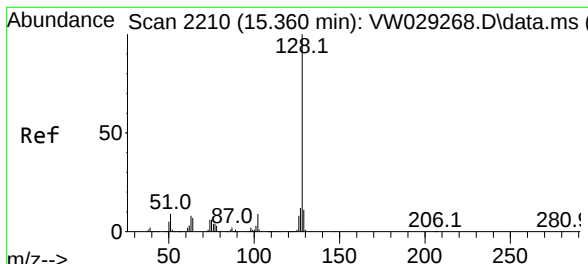
Tgt Ion:	180	Resp:	61372
Ion Ratio	Lower	Upper	
180	100		
182	92.8	72.9	109.3
184	29.1	23.8	35.6
145	30.5	25.9	38.9



#70
 1,2,4-trichlorobenzene
 Concen: 11.775 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW029271.D
 Acq: 20 Jun 2024 21:19

Tgt Ion:	180	Resp:	42220
Ion Ratio	Lower	Upper	
180	100		
182	93.4	77.7	116.5
145	33.5	25.7	38.5

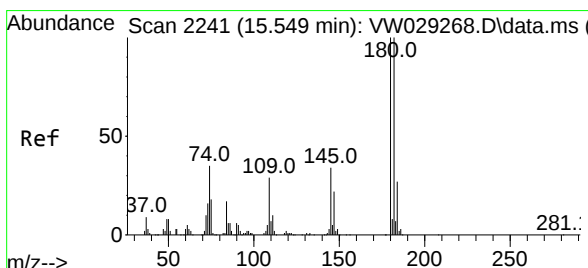
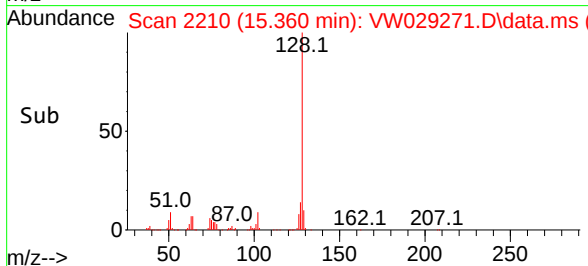
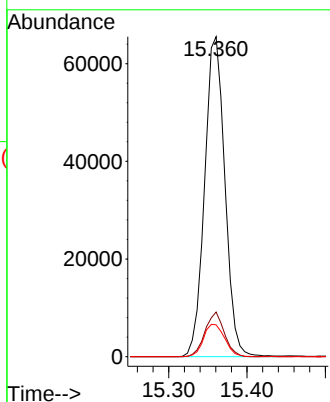
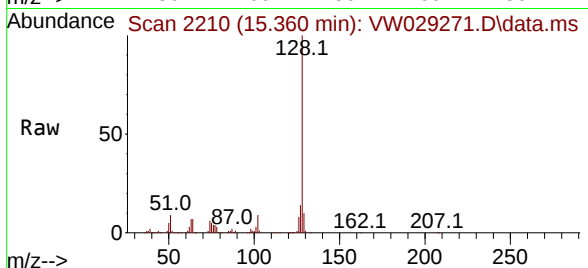




#71
Naphthalene
Concen: 16.638 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Instrument :
MSVOA_W
ClientSampleId :
A4CS4MS

Tgt Ion:	128	Resp:	117741
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.6	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 10.750 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW029271.D
Acq: 20 Jun 2024 21:19

Tgt Ion:	180	Resp:	35121
Ion	Ratio	Lower	Upper
180	100		
182	94.3	73.0	109.6
145	34.9	28.1	42.1

