

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
 Data File : VW029290.D
 Acq On : 21 Jun 2024 04:55
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 05:40:43 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	8.843	114	264155	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	254254	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	124690	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	68738	18.800	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.200%
7) Chloroethane-d5	2.899	69	60186	19.493	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.960%
11) 1,1-Dichloroethene-d2	4.021	65	34901	19.770	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.080%
21) 2-Butanone-d5	7.075	46	52618	48.102	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.200%
24) Chloroform-d	7.648	84	173960	22.077	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.320%
26) 1,2-Dichloroethane-d4	8.307	65	102027	22.551	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	8.270	84	337345	21.844	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.360%
36) 1,2-Dichloropropane-d6	9.270	67	109360	22.277	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.120%
41) Toluene-d8	10.319	98	305605	22.367	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.480%
43) trans-1,3-Dichloroprop...	10.575	79	40846	20.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.600%
47) 2-Hexanone-d5	10.922	63	35894	46.642	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87539	22.405	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	102394	23.658	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	41793	16.217	ug/L	99
3) Chloromethane	2.222	50	67777	18.444	ug/L	98
5) Vinyl chloride	2.375	62	77657	18.402	ug/L	98
6) Bromomethane	2.789	94	47614	18.773	ug/L	92
8) Chloroethane	2.930	64	50515	19.571	ug/L	96
9) Trichlorofluoromethane	3.271	101	61192	18.704	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	67392	18.683	ug/L	97
12) 1,1-Dichloroethene	4.045	96	63346	20.696	ug/L	94
13) Acetone	4.125	43	33041	35.543	ug/L	98
14) Carbon disulfide	4.393	76	190305	19.046	ug/L	99
15) Methyl Acetate	4.673	43	45033	24.402	ug/L	99
16) Methylene chloride	4.917	84	91836	19.772	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	74793	22.004	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	135866	24.983	ug/L	98
19) 1,1-Dichloroethane	6.216	63	162921	22.192	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	87217	23.268	ug/L	98
22) 2-Butanone	7.173	43	54301	42.612	ug/L	99
23) Bromochloromethane	7.514	128	39021	23.385	ug/L	93
25) Chloroform	7.673	83	162285	22.638	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
 Data File : VW029290.D
 Acq On : 21 Jun 2024 04:55
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 05:40:43 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

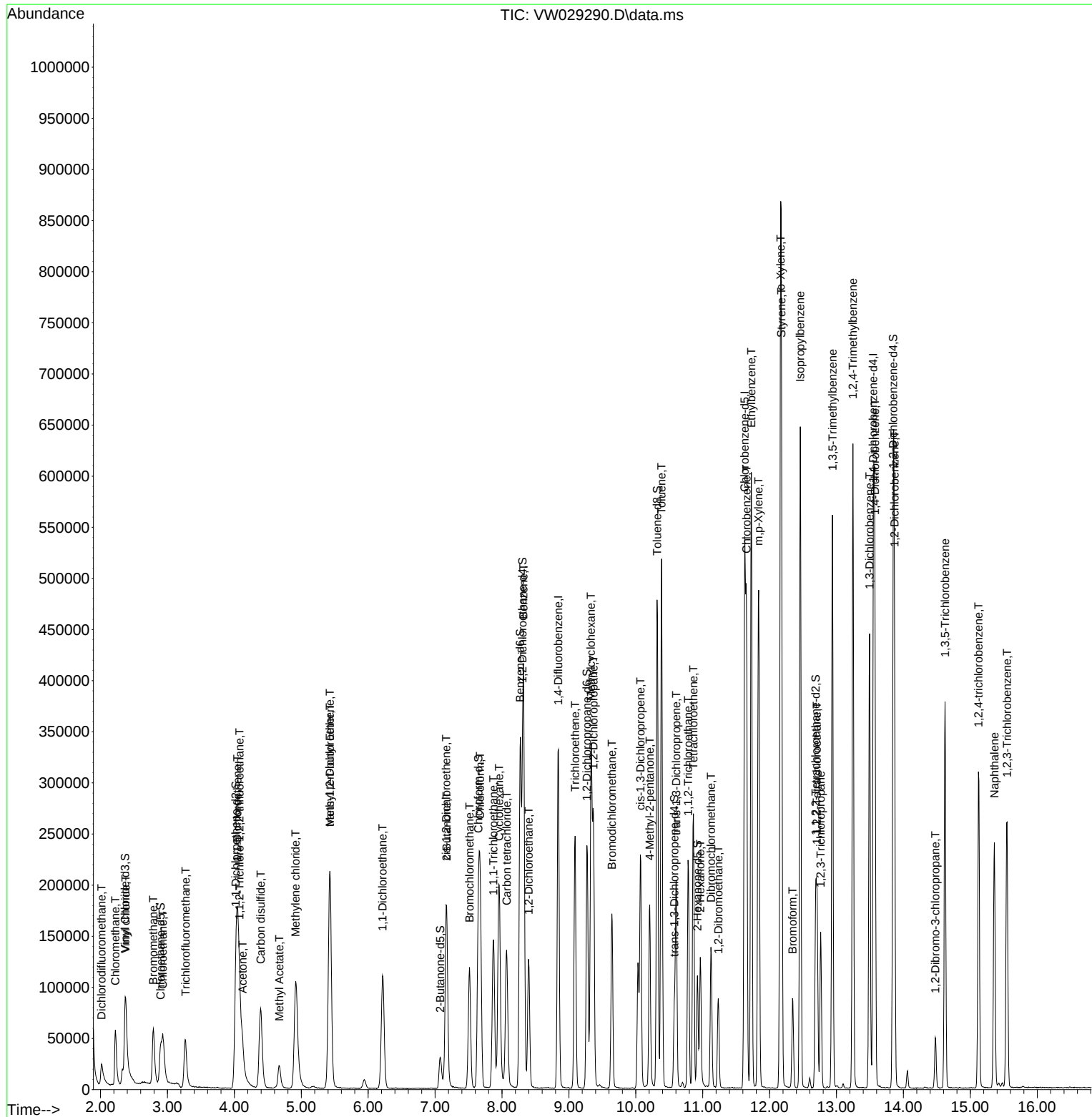
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	116731	22.078	ug/L	99
29) Cyclohexane	7.959	56	117281	20.177	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	117331	20.753	ug/L	98
31) Carbon tetrachloride	8.069	117	101773	19.705	ug/L	97
33) Benzene	8.319	78	339678	22.235	ug/L	100
34) Trichloroethene	9.093	95	87224	21.401	ug/L	97
35) Methylcyclohexane	9.331	83	126982	19.810	ug/L	99
37) 1,2-Dichloropropane	9.368	63	96095	22.386	ug/L	99
38) Bromodichloromethane	9.642	83	114935	21.898	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	130662	21.533	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	123598	46.454	ug/L	99
42) Toluene	10.386	91	358164	22.806	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	108808	21.236	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	67231	22.487	ug/L	97
46) Tetrachloroethene	10.861	164	57497	20.180	ug/L	89
48) 2-Hexanone	10.965	43	82990	43.958	ug/L	96
49) Dibromochloromethane	11.123	129	70167	22.452	ug/L	98
50) 1,2-Dibromoethane	11.233	107	59692	22.242	ug/L	97
51) Chlorobenzene	11.654	112	229580	22.511	ug/L	99
52) Ethylbenzene	11.727	91	397537	22.299	ug/L	97
53) m,p-Xylene	11.837	106	148766	22.846	ug/L	97
54) o-Xylene	12.166	106	142588	23.430	ug/L	95
55) Styrene	12.178	104	252147	23.763	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	81599	22.065	ug/L	98
59) Bromoform	12.343	173	37097	21.707	ug/L	97
60) Isopropylbenzene	12.458	105	391023	23.535	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	62291	22.904	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	289972	24.099	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	313207	24.193	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	164195	22.837	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	164248	21.471	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	151168	22.743	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	13215	20.822	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	103877	21.407	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	87393	22.217	ug/L	99
71) Naphthalene	15.360	128	194058	24.996	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	84312	23.524	ug/L	99

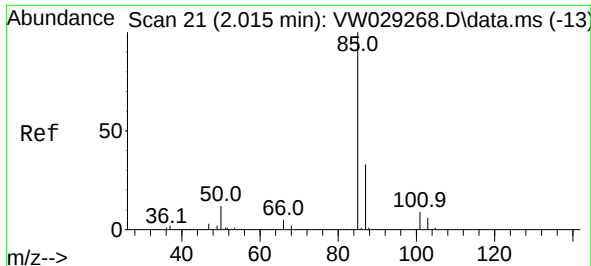
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
Data File : VW029290.D
Acq On : 21 Jun 2024 04:55
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 21 05:40:43 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

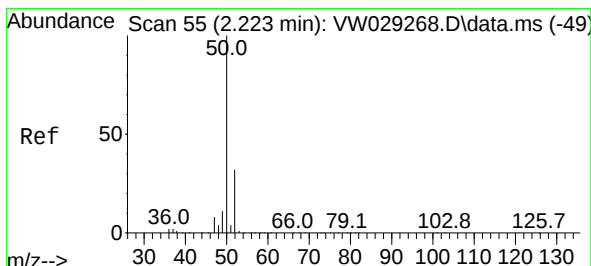
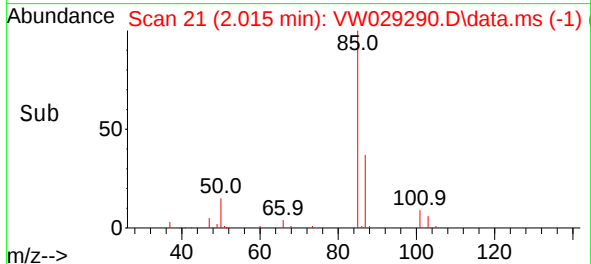
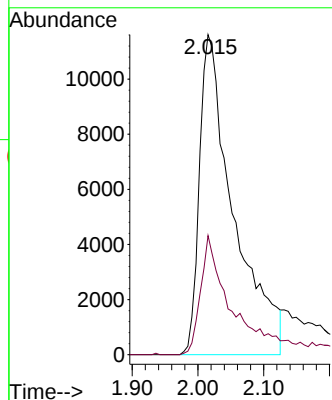
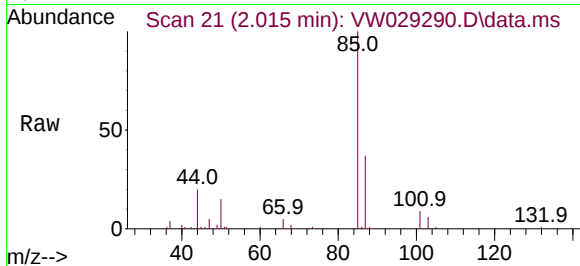




#2
Dichlorodifluoromethane
Concen: 16.217 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

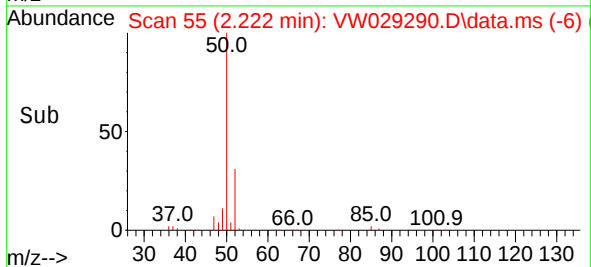
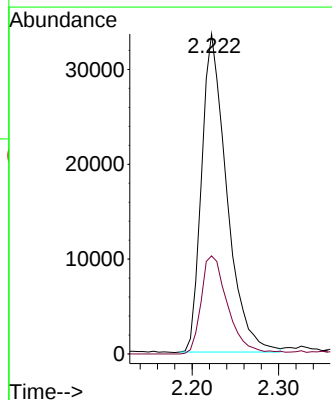
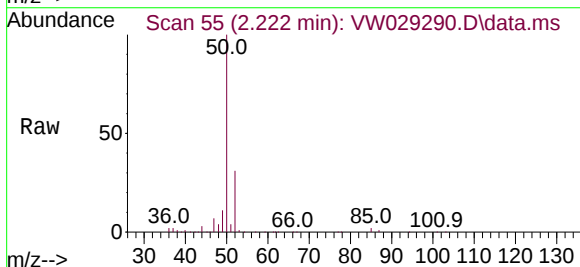
Instrument :
MSVOA_W
ClientSampleId :

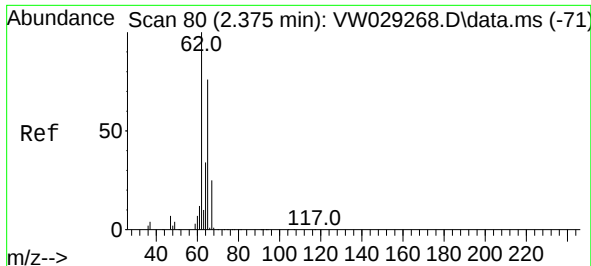
Tgt Ion: 85 Resp: 41793
Ion Ratio Lower Upper
85 100
87 29.1 23.8 35.6



#3
Chloromethane
Concen: 18.444 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

Tgt Ion: 50 Resp: 67777
Ion Ratio Lower Upper
50 100
52 30.7 22.3 41.5

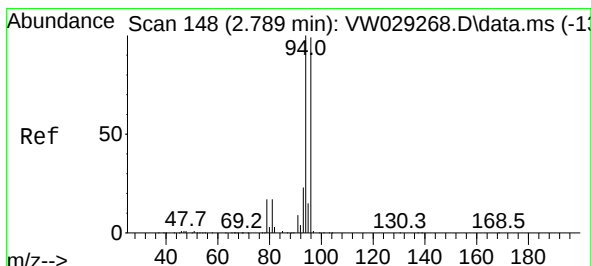
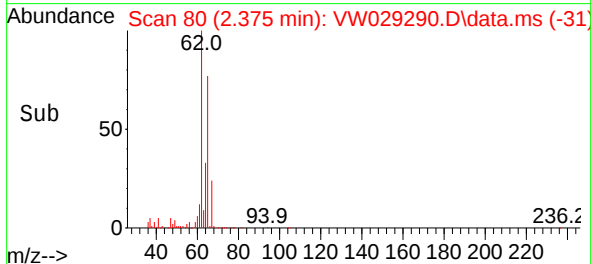
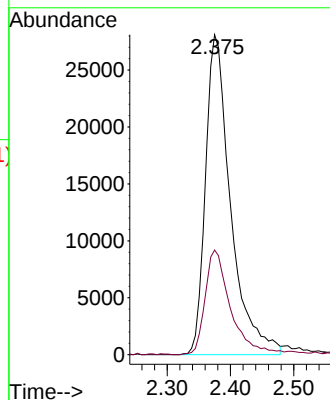
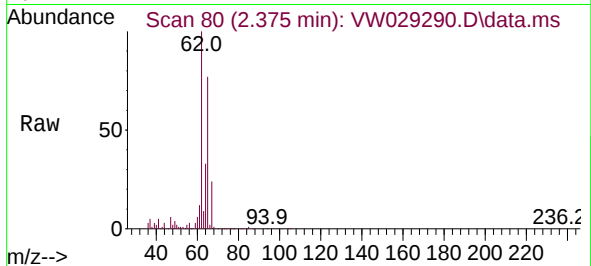




#5
 Vinyl chloride
 Concen: 18.402 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029290.D
 Acq: 21 Jun 2024 04:55

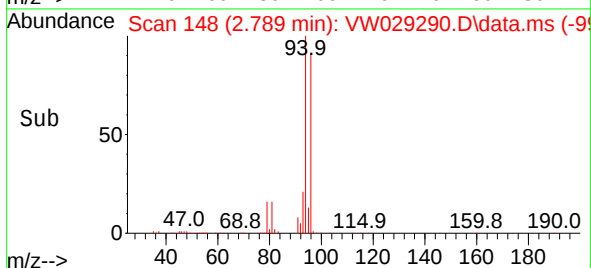
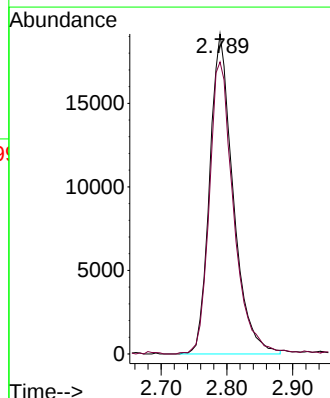
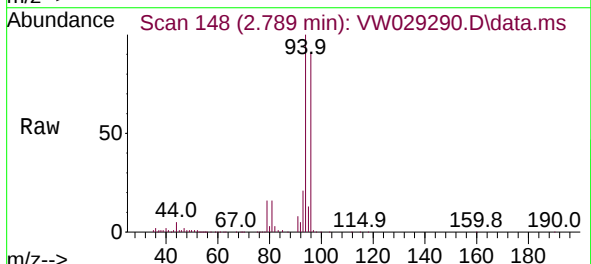
Instrument :
 MSVOA_W
 ClientSampleId :

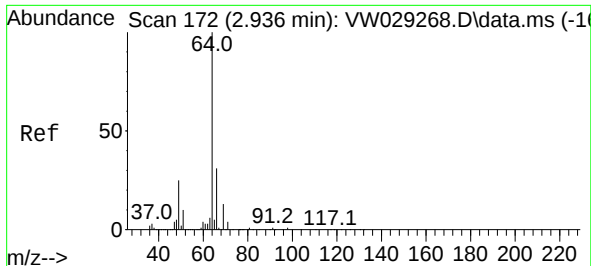
Tgt Ion: 62 Resp: 77657
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.0 40.8



#6
 Bromomethane
 Concen: 18.773 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029290.D
 Acq: 21 Jun 2024 04:55

Tgt Ion: 94 Resp: 47614
 Ion Ratio Lower Upper
 94 100
 96 91.2 69.5 129.1





#8

Chloroethane

Concen: 19.571 ug/L

RT: 2.930 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Instrument :

MSVOA_W

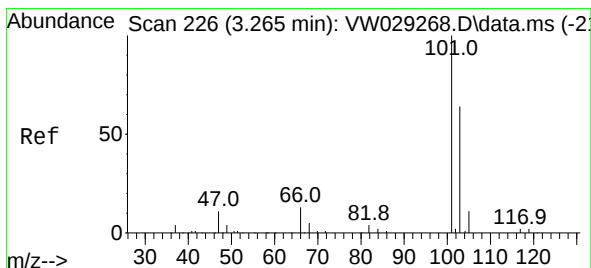
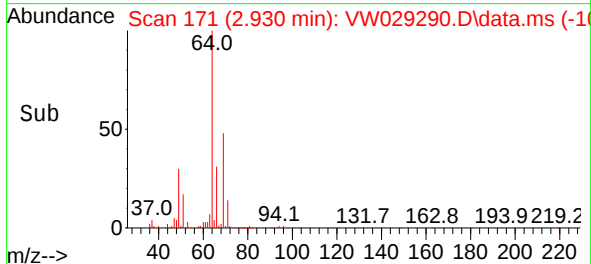
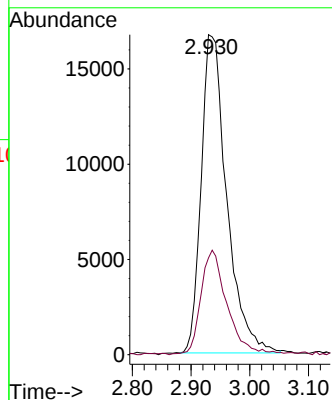
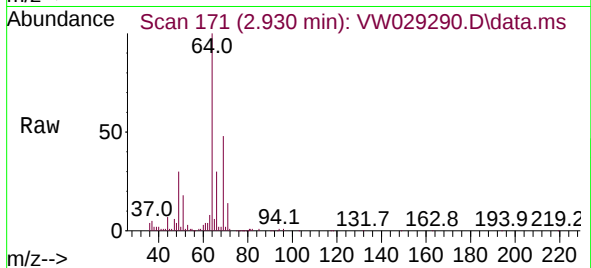
ClientSampleId :

Tgt Ion: 64 Resp: 50515

Ion Ratio Lower Upper

64 100

66 30.2 22.5 41.9



#9

Trichlorofluoromethane

Concen: 18.704 ug/L

RT: 3.271 min Scan# 227

Delta R.T. 0.006 min

Lab File: VW029290.D

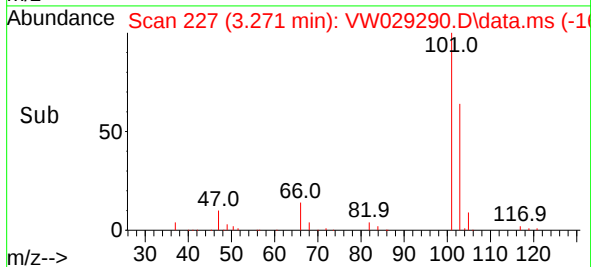
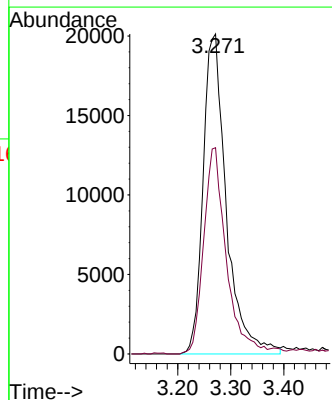
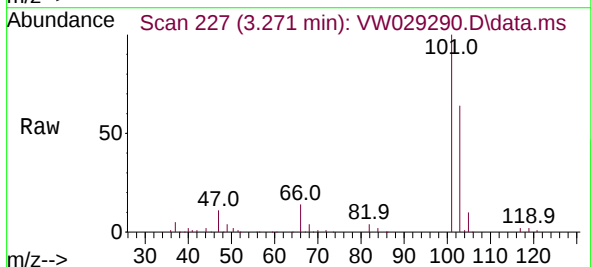
Acq: 21 Jun 2024 04:55

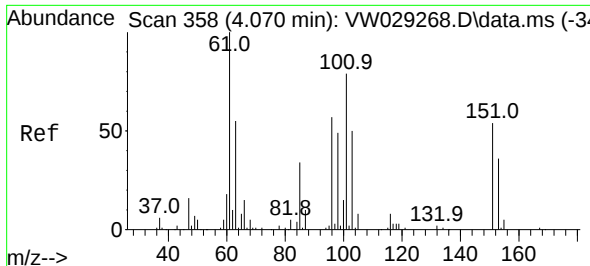
Tgt Ion:101 Resp: 61192

Ion Ratio Lower Upper

101 100

103 62.0 50.8 76.2





#10

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

Concen: 18.683 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Instrument :

MSVOA_W

ClientSampleId :

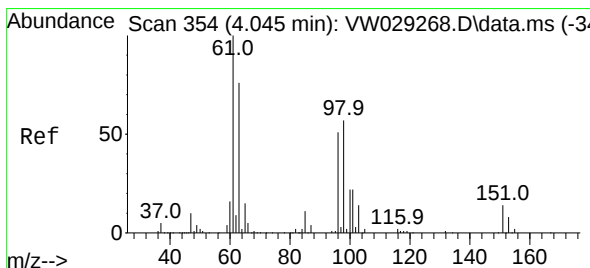
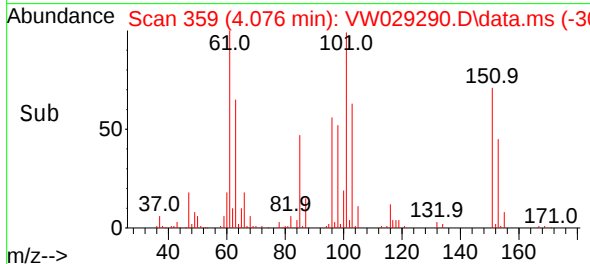
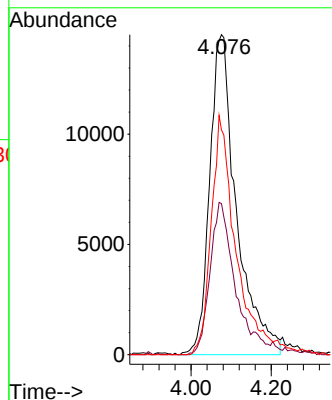
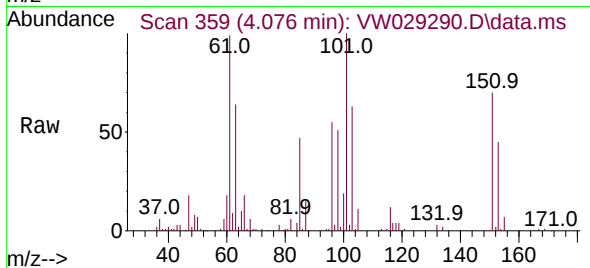
Tgt Ion:101 Resp: 67392

Ion Ratio Lower Upper

101 100

85 41.7 30.2 45.2

151 65.1 52.2 78.4



#12

1,1-Dichloroethene

Concen: 20.696 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

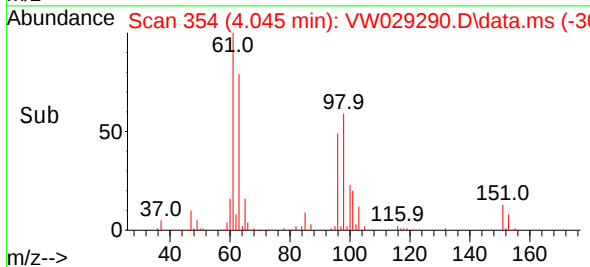
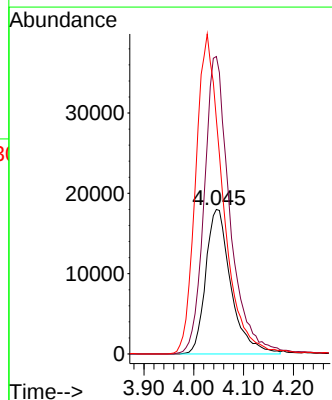
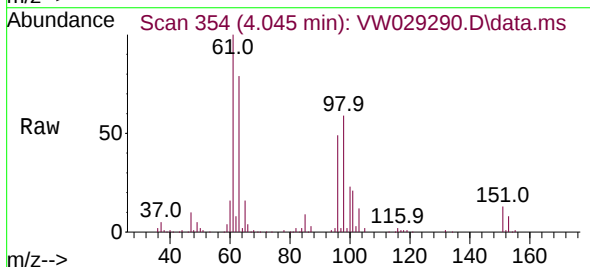
Tgt Ion: 96 Resp: 63346

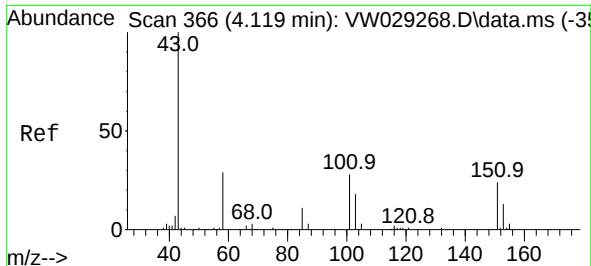
Ion Ratio Lower Upper

96 100

61 205.8 140.1 260.3

63 162.3 122.0 226.6





#13

Acetone

Concen: 35.543 ug/L

RT: 4.125 min Scan# 367

Delta R.T. 0.006 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Instrument :

MSVOA_W

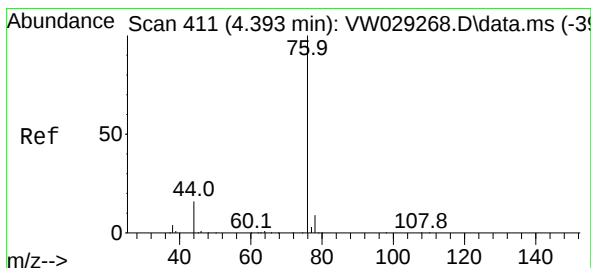
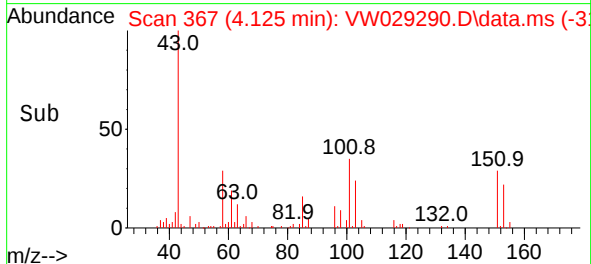
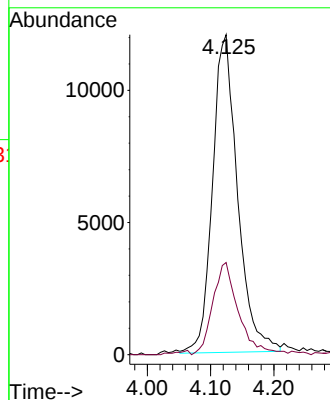
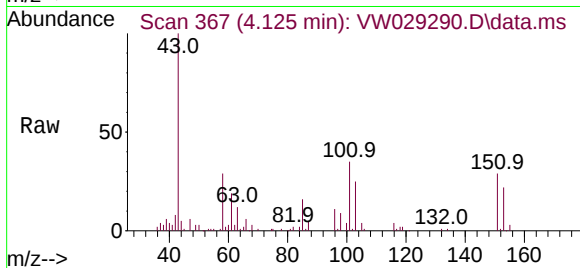
ClientSampleId :

Tgt Ion: 43 Resp: 33041

Ion Ratio Lower Upper

43 100

58 29.4 0.0 61.4



#14

Carbon disulfide

Concen: 19.046 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW029290.D

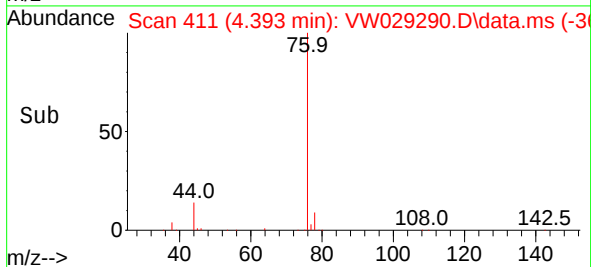
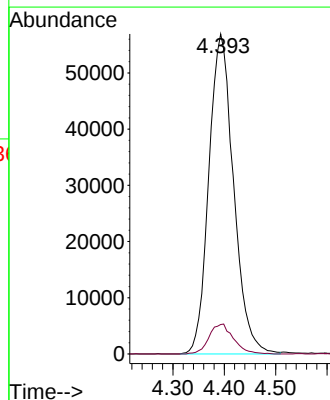
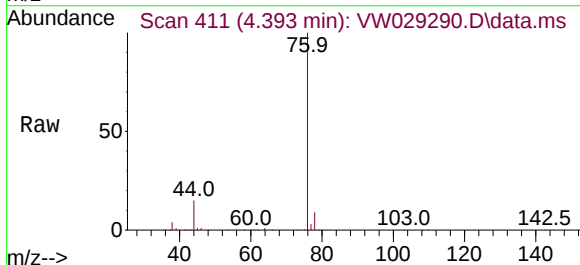
Acq: 21 Jun 2024 04:55

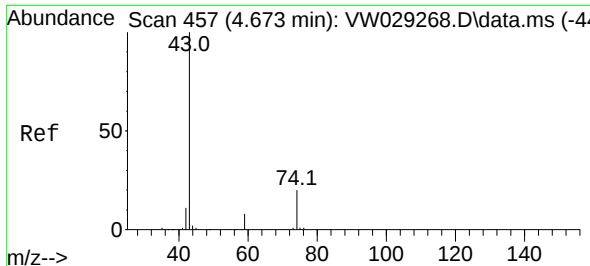
Tgt Ion: 76 Resp: 190305

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

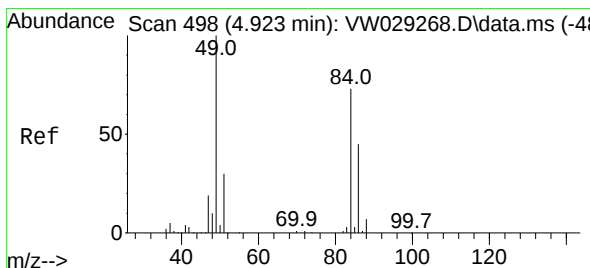
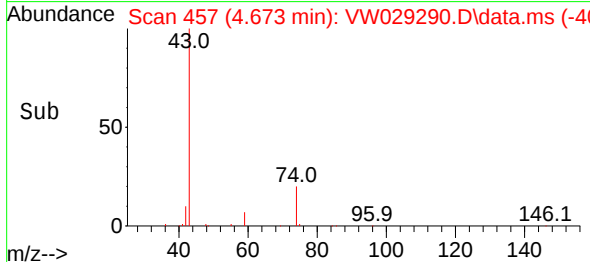
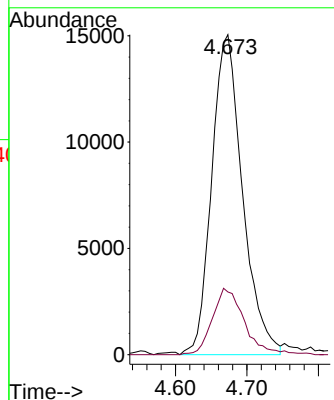
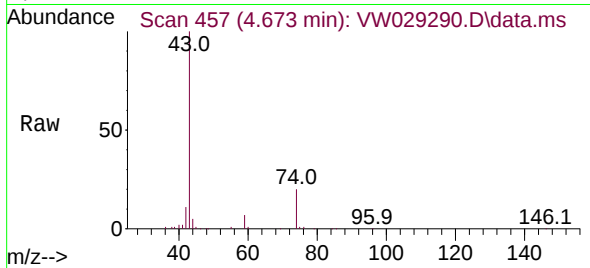




#15
Methyl Acetate
Concen: 24.402 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

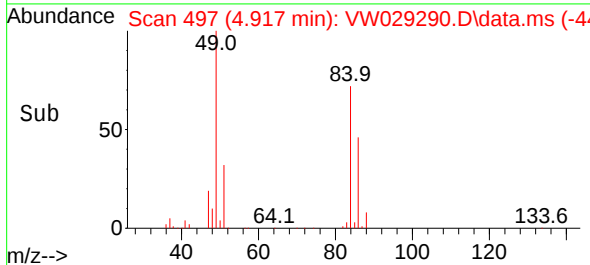
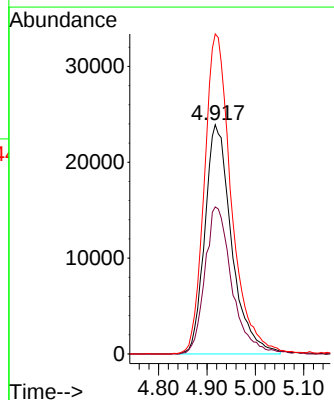
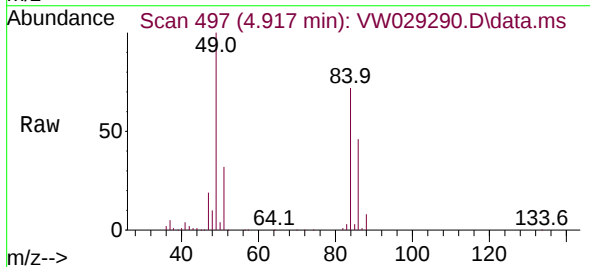
Instrument :
MSVOA_W
ClientSampleId :

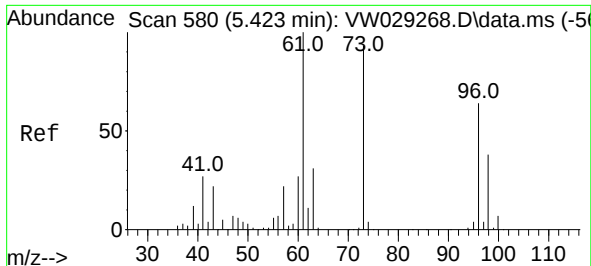
Tgt Ion: 43 Resp: 45033
Ion Ratio Lower Upper
43 100
74 21.5 16.6 25.0



#16
Methylene chloride
Concen: 19.772 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

Tgt Ion: 84 Resp: 91836
Ion Ratio Lower Upper
84 100
86 64.1 41.4 77.0
49 139.5 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 22.004 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Instrument :

MSVOA_W

ClientSampleId :

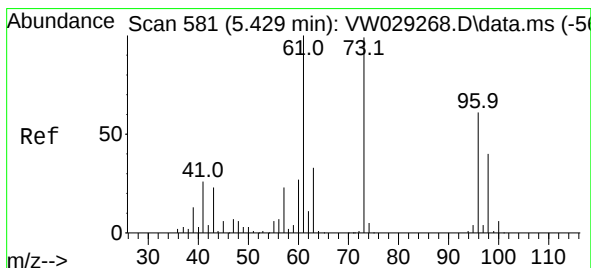
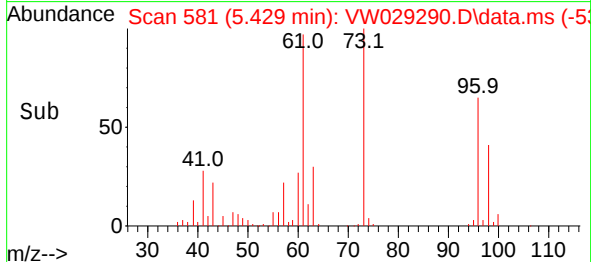
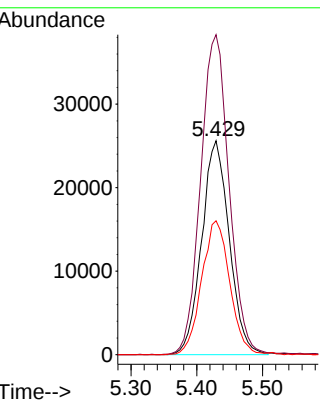
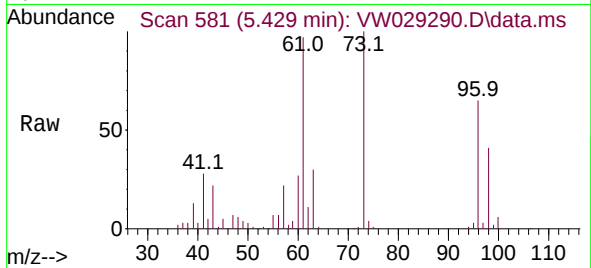
Tgt Ion: 96 Resp: 74793

Ion Ratio Lower Upper

96 100

61 149.6 101.5 188.5

98 62.7 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 24.983 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

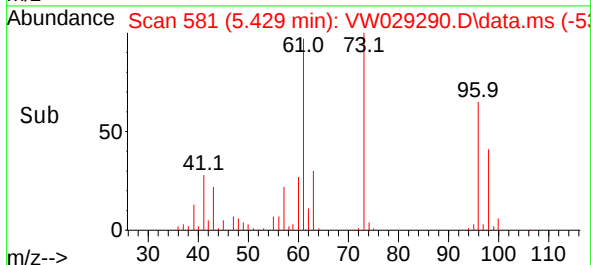
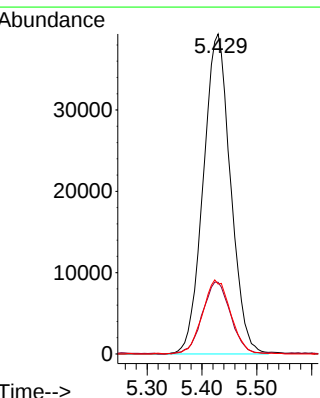
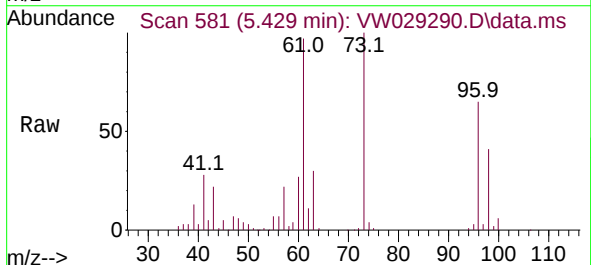
Tgt Ion: 73 Resp: 135866

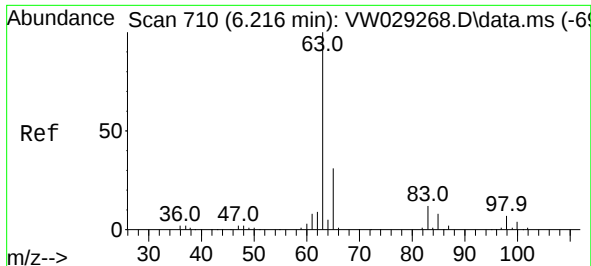
Ion Ratio Lower Upper

73 100

43 23.4 19.5 29.3

57 24.0 18.4 27.6





#19

1,1-Dichloroethane

Concen: 22.192 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Instrument :

MSVOA_W

ClientSampleId :

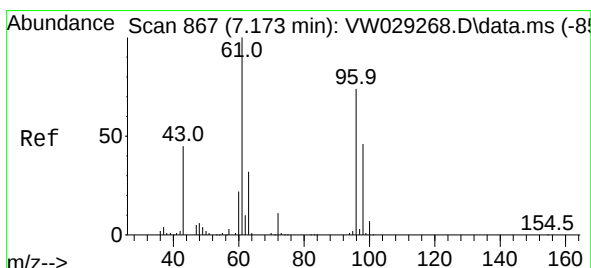
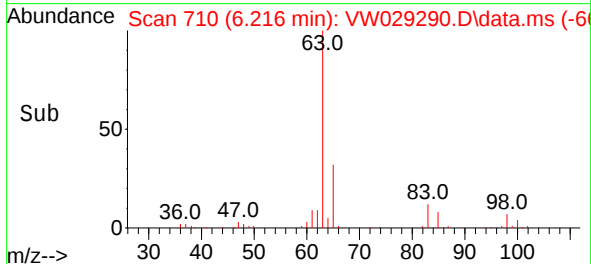
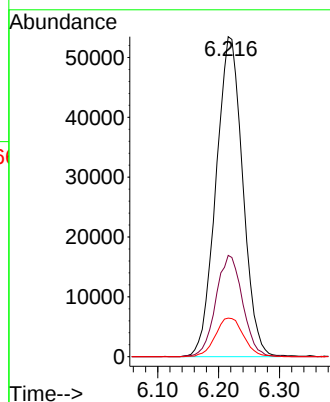
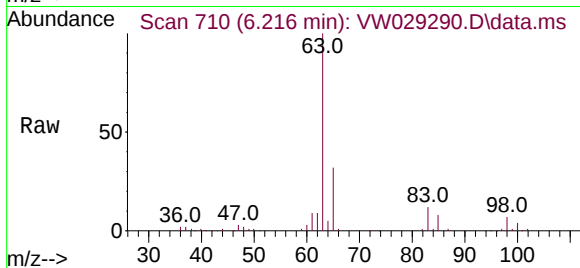
Tgt Ion: 63 Resp: 162921

Ion Ratio Lower Upper

63 100

65 31.6 23.4 43.4

83 12.1 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 23.268 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

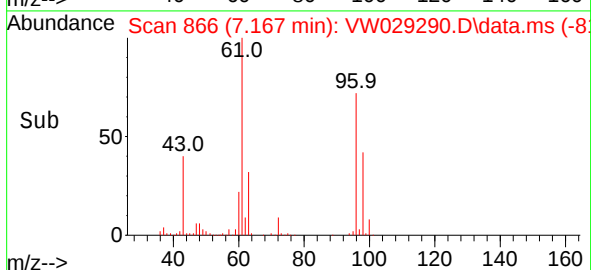
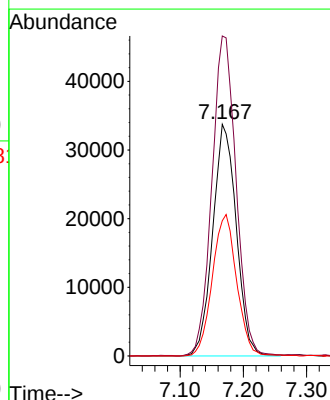
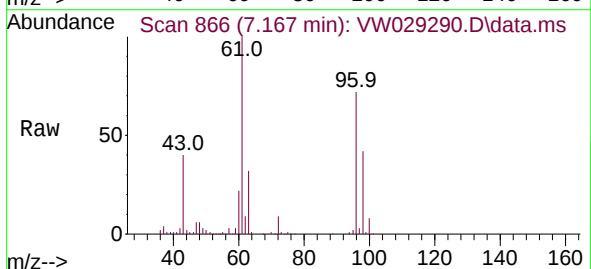
Tgt Ion: 96 Resp: 87217

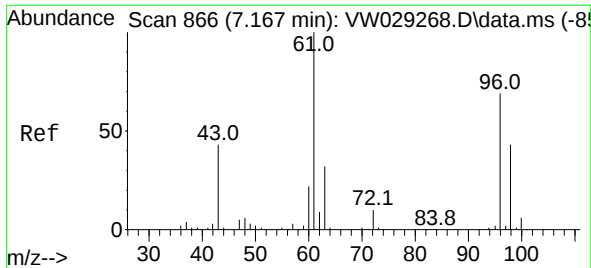
Ion Ratio Lower Upper

96 100

61 138.2 97.8 181.6

98 58.4 43.0 79.8

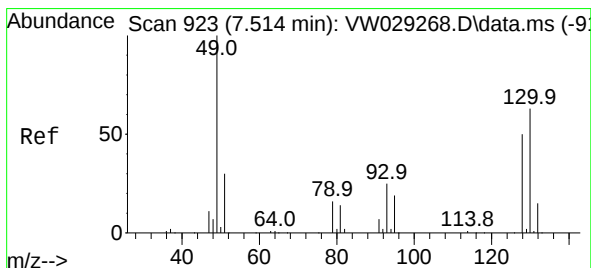
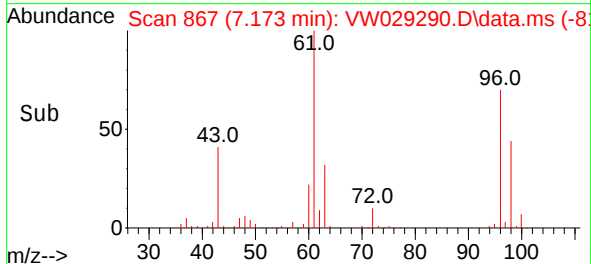
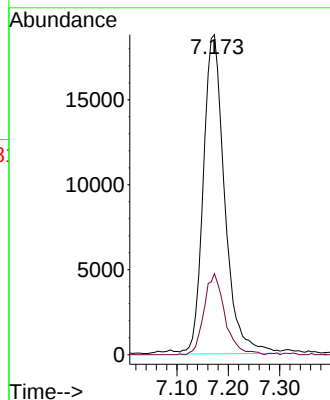
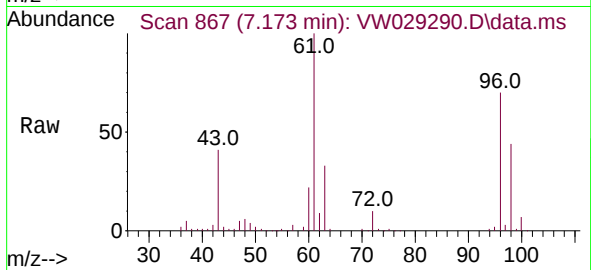




#22
2-Butanone
Concen: 42.612 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

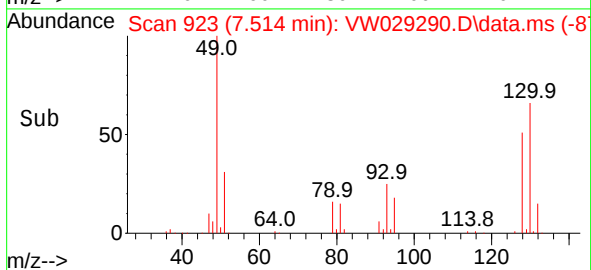
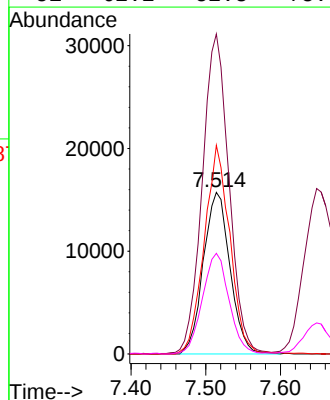
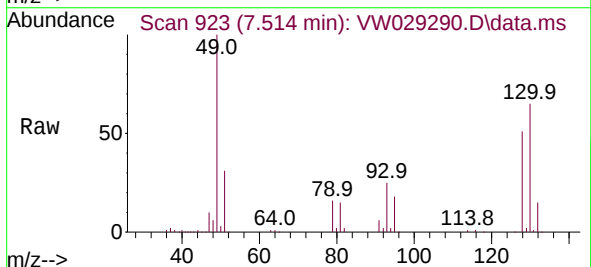
Instrument :
MSVOA_W
ClientSampleId :

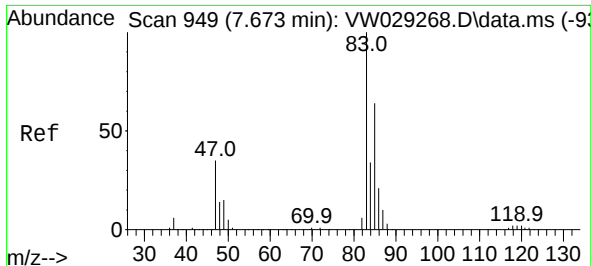
Tgt Ion: 43 Resp: 54301
Ion Ratio Lower Upper
43 100
72 24.3 11.9 35.7



#23
Bromochloromethane
Concen: 23.385 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

Tgt Ion:128 Resp: 39021
Ion Ratio Lower Upper
128 100
49 198.0 142.6 264.8
130 129.1 79.7 148.1
51 62.2 52.3 78.5





#25

Chloroform

Concen: 22.638 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Instrument :

MSVOA_W

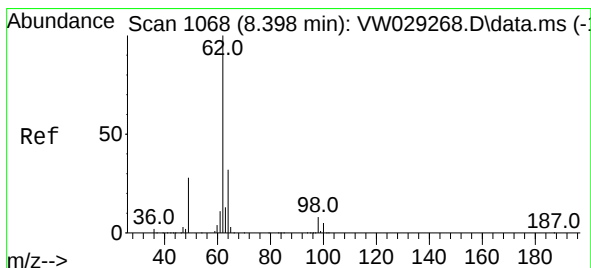
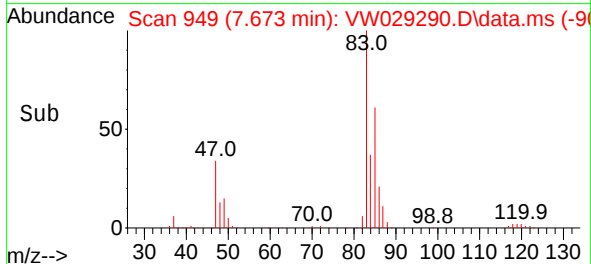
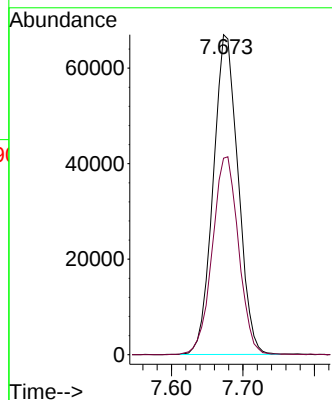
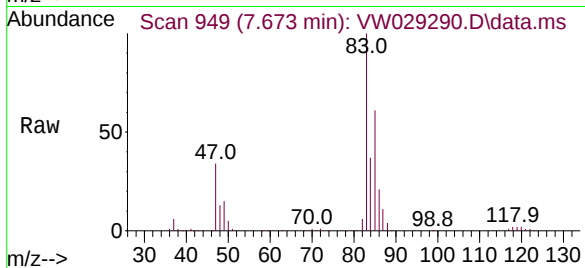
ClientSampleId :

Tgt Ion: 83 Resp: 162285

Ion Ratio Lower Upper

83 100

85 61.4 44.4 82.4



#27

1,2-Dichloroethane

Concen: 22.078 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029290.D

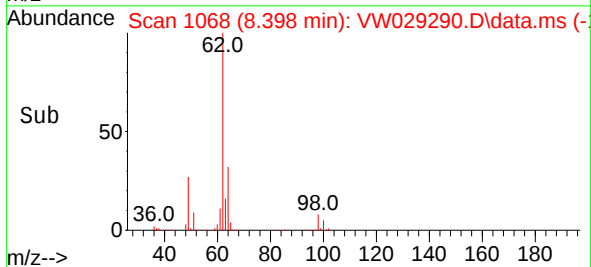
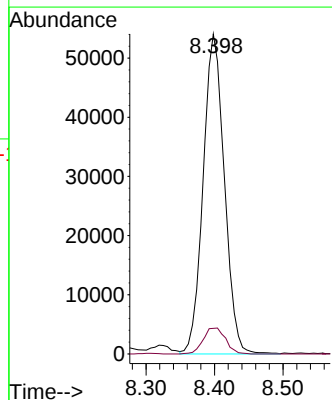
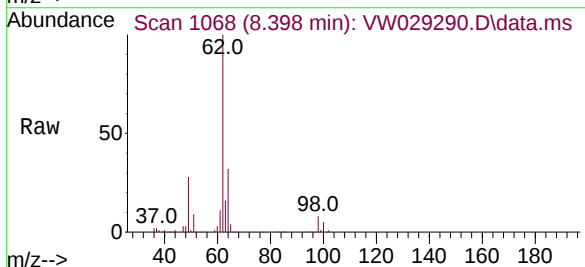
Acq: 21 Jun 2024 04:55

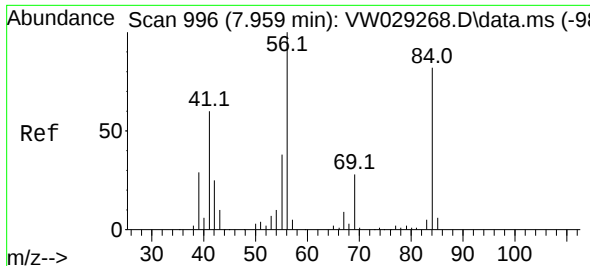
Tgt Ion: 62 Resp: 116731

Ion Ratio Lower Upper

62 100

98 8.0 6.6 10.0





#29

Cyclohexane

Concen: 20.177 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Instrument :

MSVOA_W

ClientSampleId :

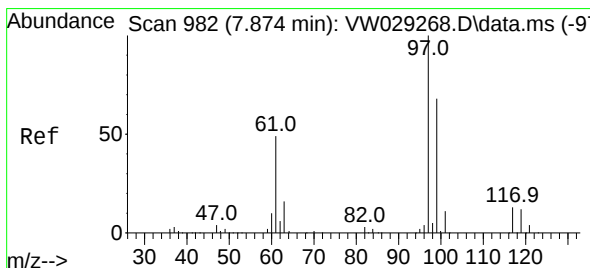
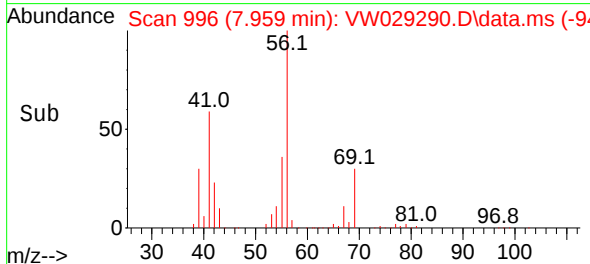
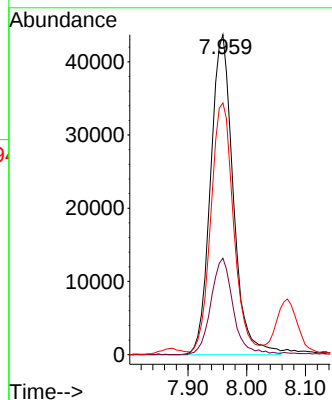
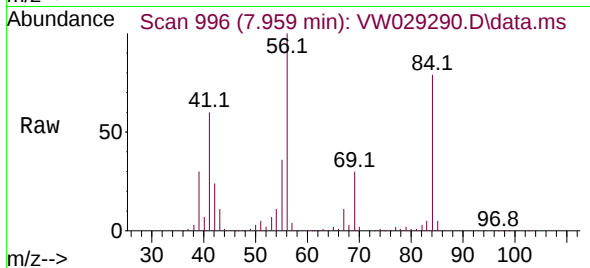
Tgt Ion: 56 Resp: 117281

Ion Ratio Lower Upper

56 100

69 29.4 23.4 35.0

84 78.4 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 20.753 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

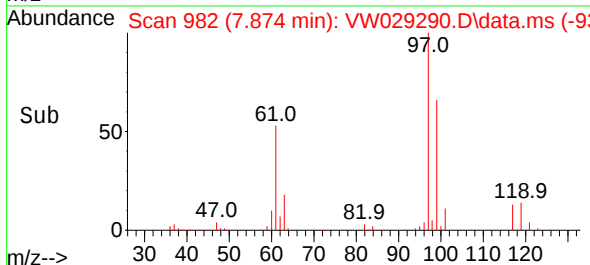
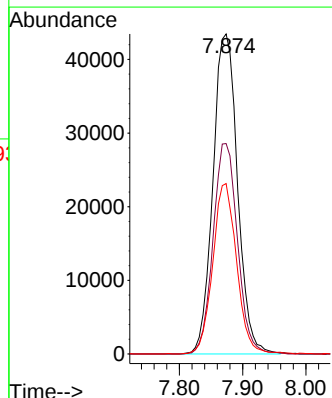
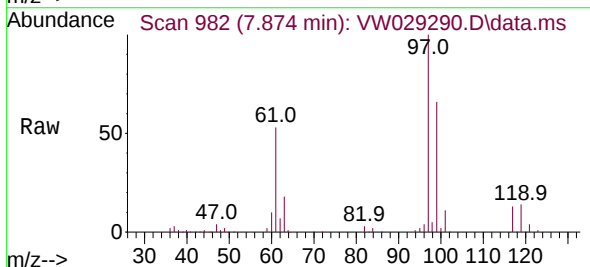
Tgt Ion: 97 Resp: 117331

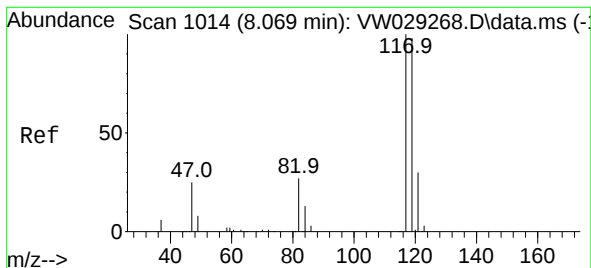
Ion Ratio Lower Upper

97 100

99 65.3 53.0 79.4

61 51.6 43.0 64.4





#31

Carbon tetrachloride

Concen: 19.705 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Instrument :

MSVOA_W

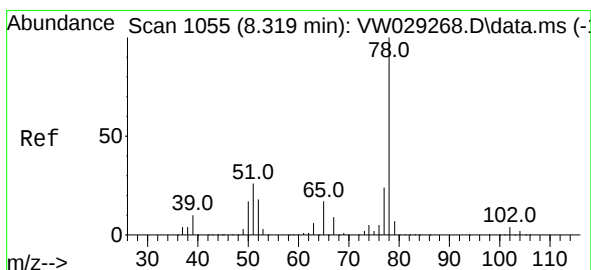
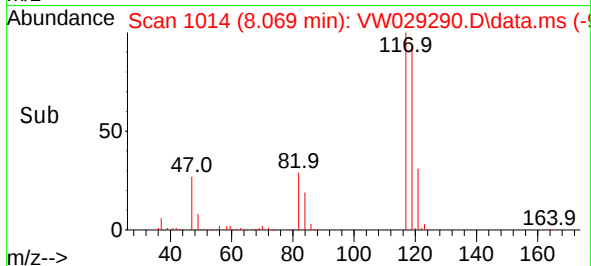
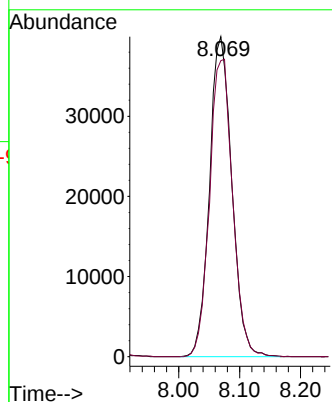
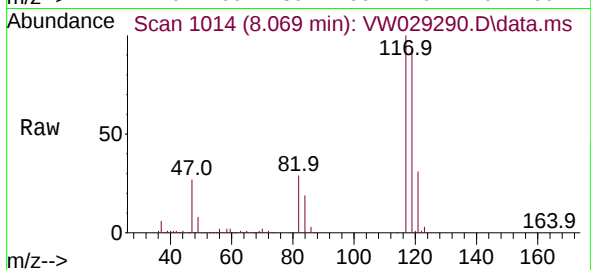
ClientSampleId :

Tgt Ion:117 Resp: 101773

Ion Ratio Lower Upper

117 100

119 96.0 79.0 118.4



#33

Benzene

Concen: 22.235 ug/L

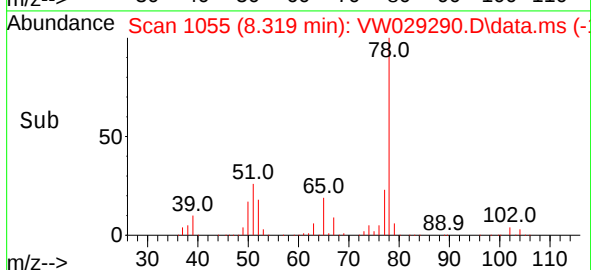
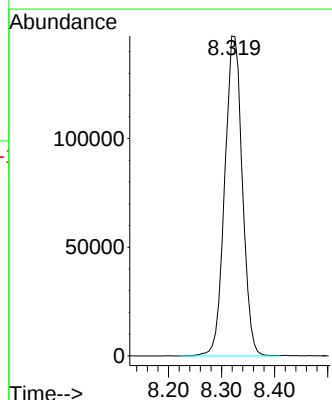
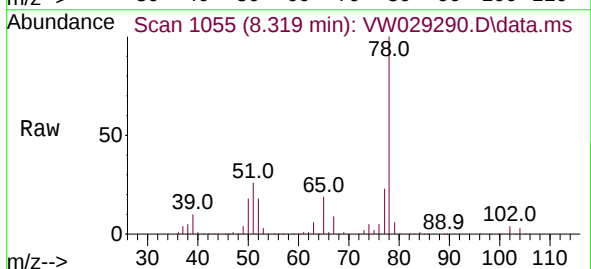
RT: 8.319 min Scan# 1055

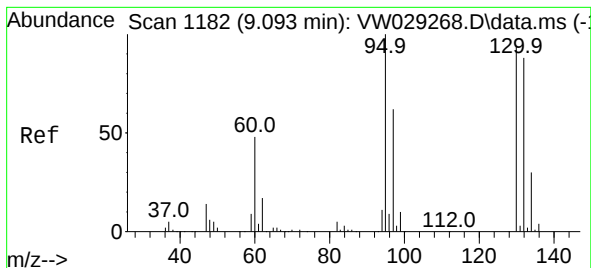
Delta R.T. -0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Tgt Ion: 78 Resp: 339678





#34

Trichloroethene

Concen: 21.401 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 87224

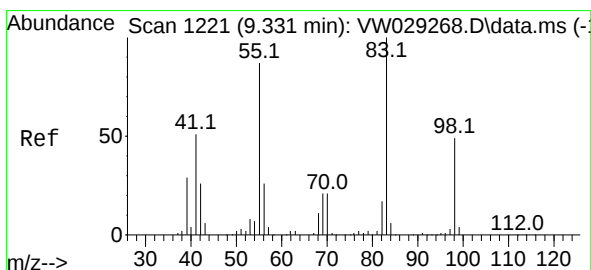
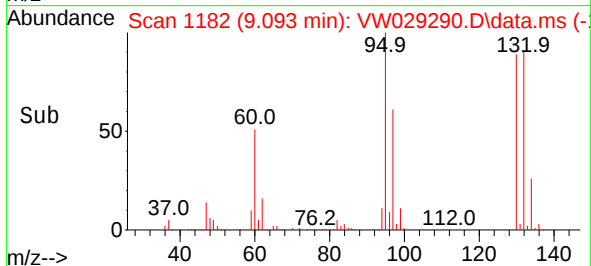
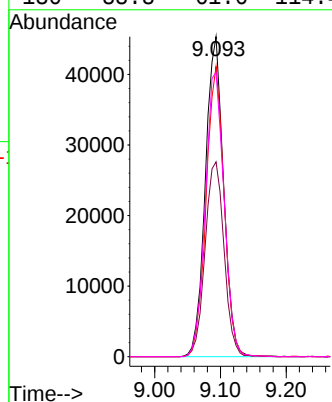
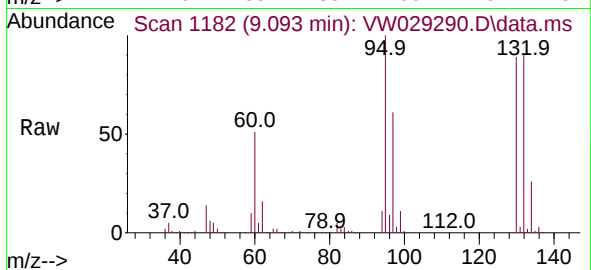
Ion Ratio Lower Upper

95 100

97 60.9 45.7 84.9

132 90.7 66.4 123.4

130 88.8 61.6 114.4



#35

Methylcyclohexane

Concen: 19.810 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

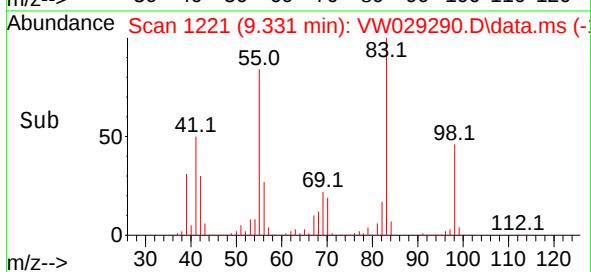
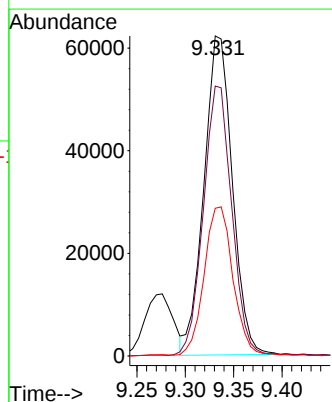
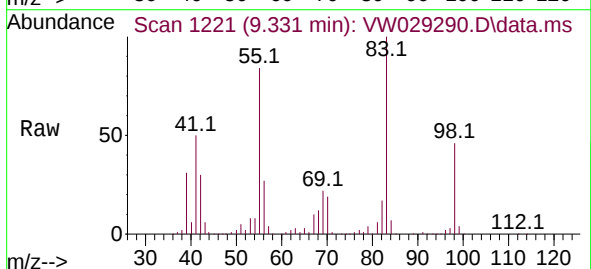
Tgt Ion: 83 Resp: 126982

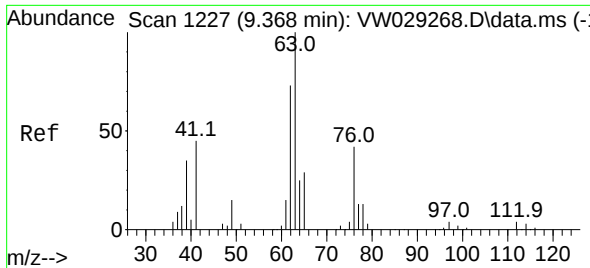
Ion Ratio Lower Upper

83 100

55 85.3 69.5 104.3

98 47.8 38.0 57.0





#37

1,2-Dichloropropane

Concen: 22.386 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Instrument :

MSVOA_W

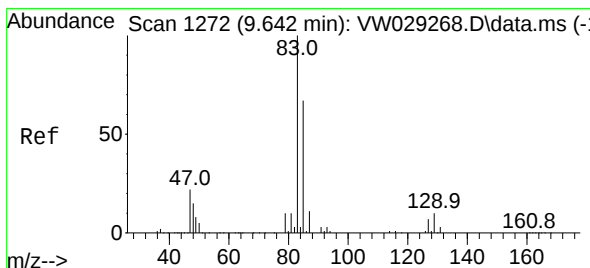
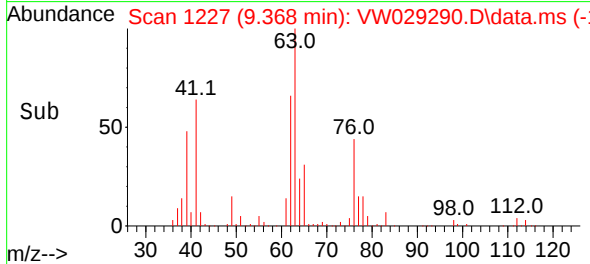
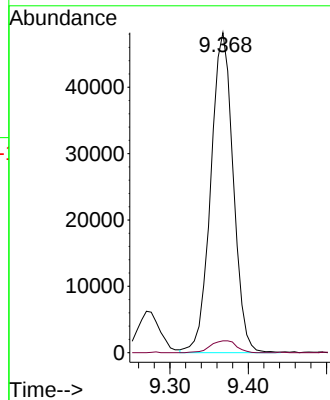
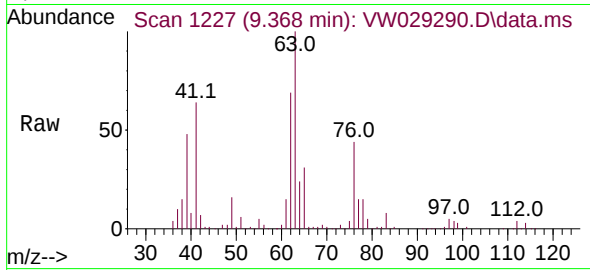
ClientSampleId :

Tgt Ion: 63 Resp: 96095

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.6



#38

Bromodichloromethane

Concen: 21.898 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

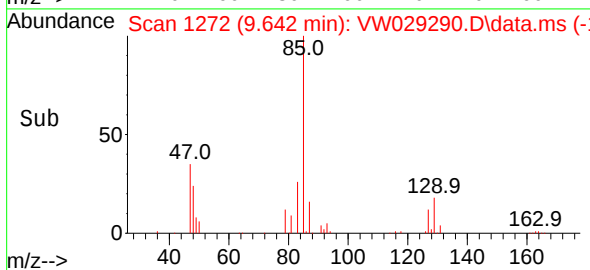
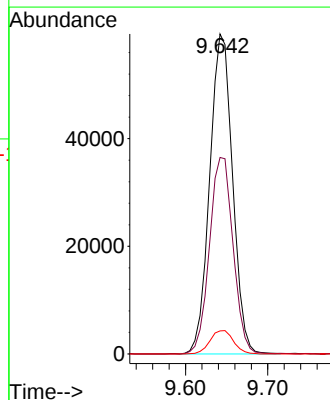
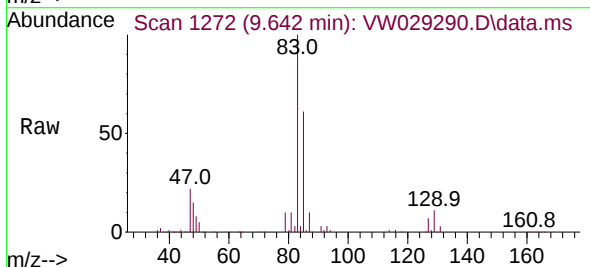
Tgt Ion: 83 Resp: 114935

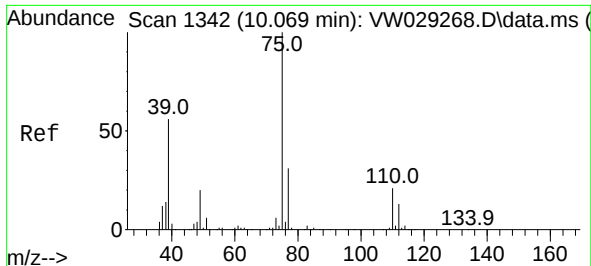
Ion Ratio Lower Upper

83 100

85 61.4 45.1 83.9

127 7.2 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 21.533 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Instrument :

MSVOA_W

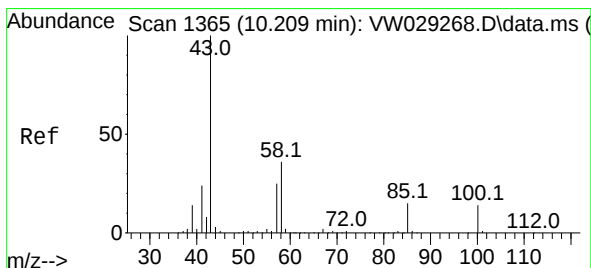
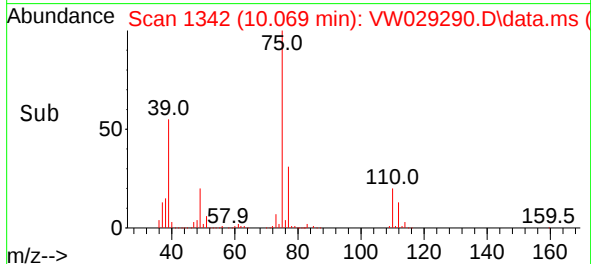
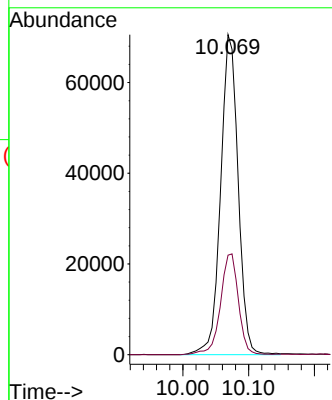
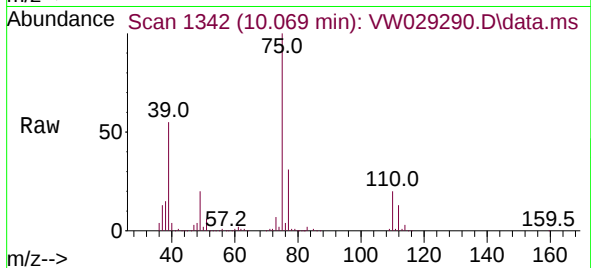
ClientSampleId :

Tgt Ion: 75 Resp: 130662

Ion Ratio Lower Upper

75 100

77 31.1 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 46.454 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

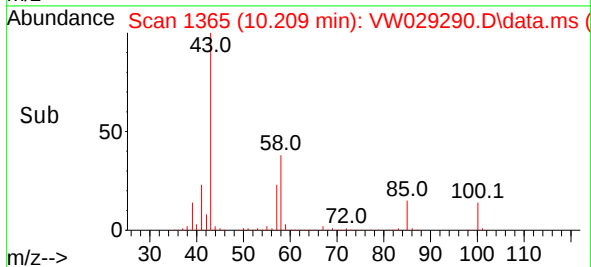
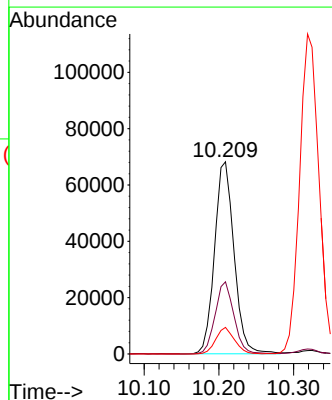
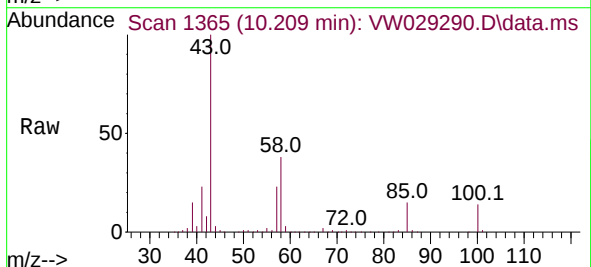
Tgt Ion: 43 Resp: 123598

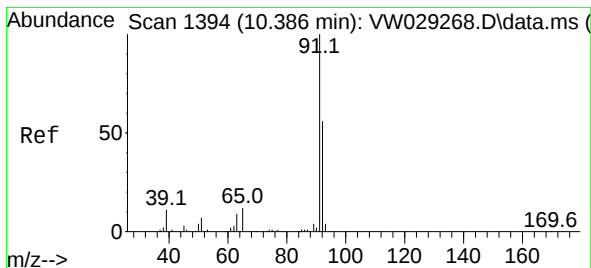
Ion Ratio Lower Upper

43 100

58 36.2 28.2 42.4

100 13.3 11.0 16.4





#42

Toluene

Concen: 22.806 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Instrument :

MSVOA_W

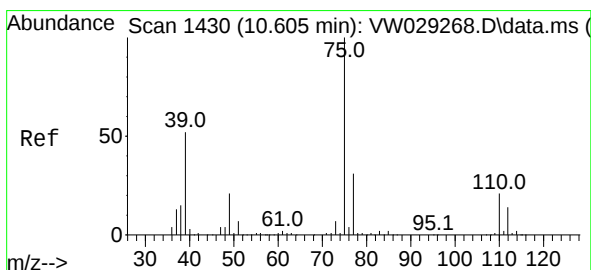
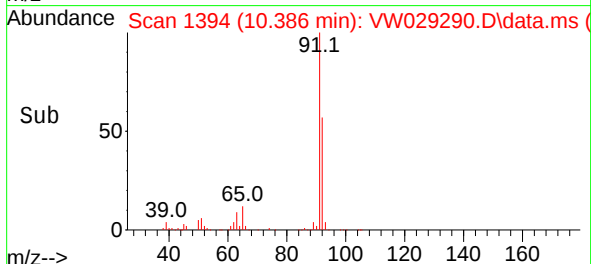
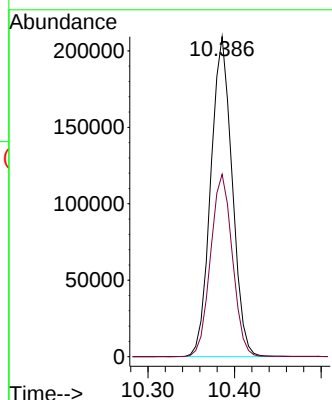
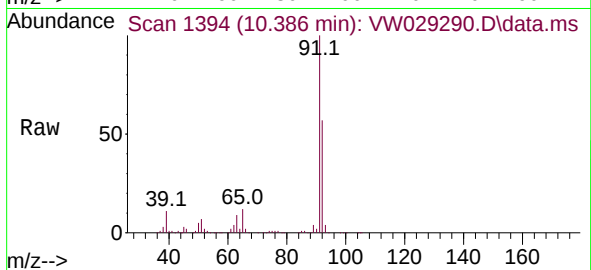
ClientSampleId :

Tgt Ion: 91 Resp: 358164

Ion Ratio Lower Upper

91 100

92 57.0 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 21.236 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029290.D

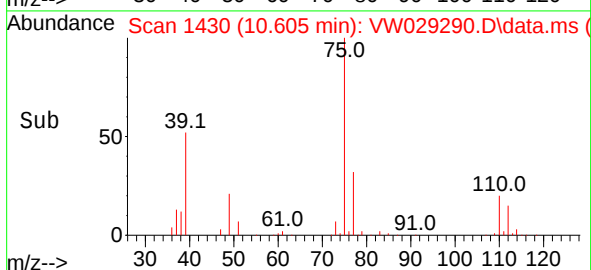
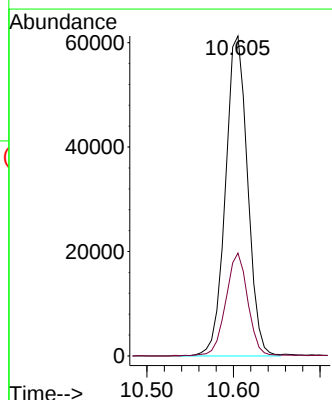
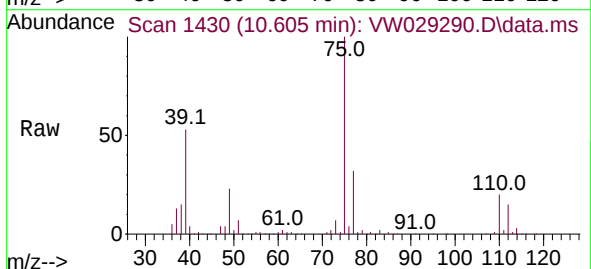
Acq: 21 Jun 2024 04:55

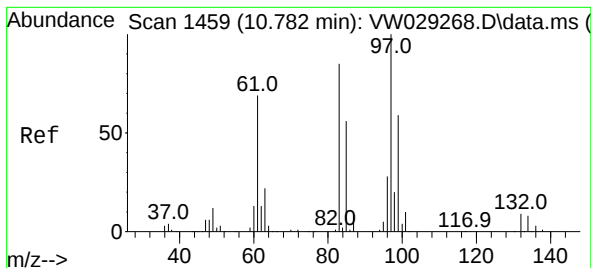
Tgt Ion: 75 Resp: 108808

Ion Ratio Lower Upper

75 100

77 32.1 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 22.487 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 67231

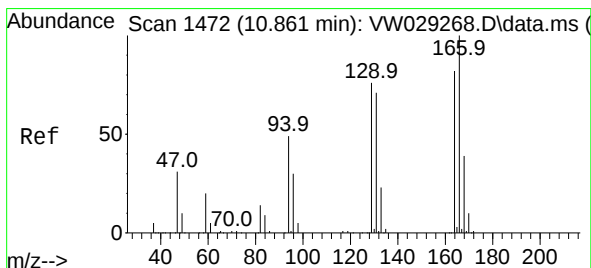
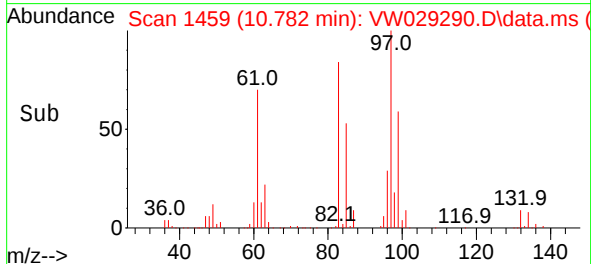
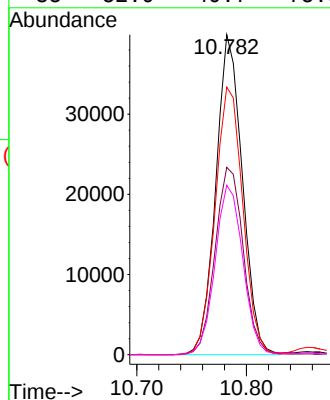
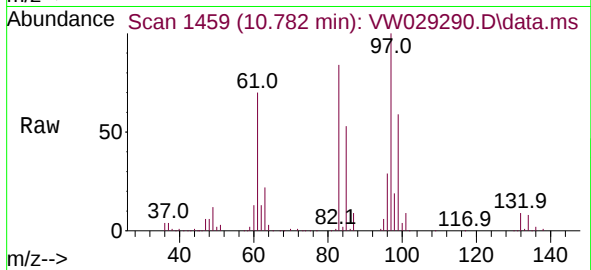
Ion Ratio Lower Upper

97 100

99 58.6 42.3 78.5

83 83.7 57.7 107.1

85 52.9 40.7 75.5



#46

Tetrachloroethene

Concen: 20.180 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Tgt Ion:164 Resp: 57497

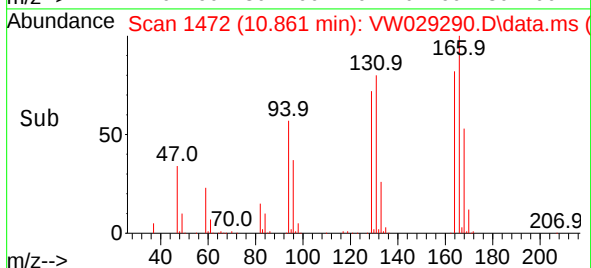
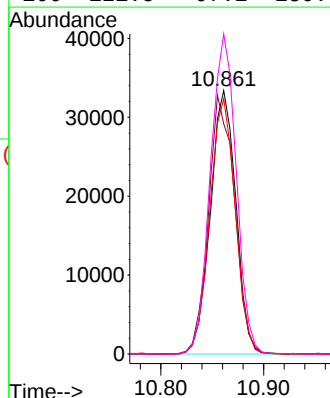
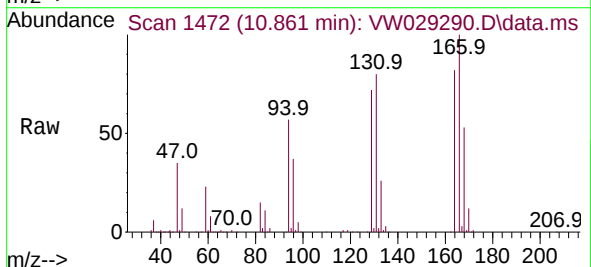
Ion Ratio Lower Upper

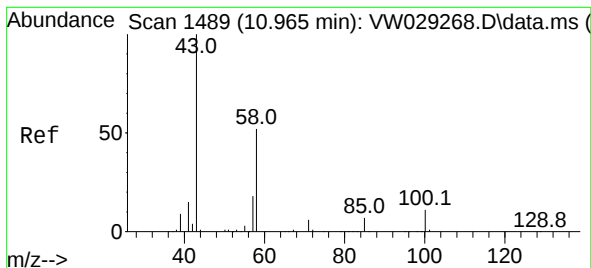
164 100

129 87.4 68.5 127.3

131 96.9 71.8 133.4

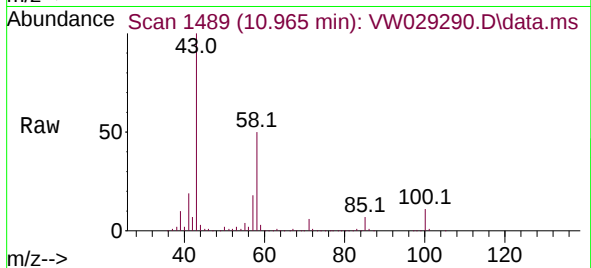
166 121.5 97.2 180.4



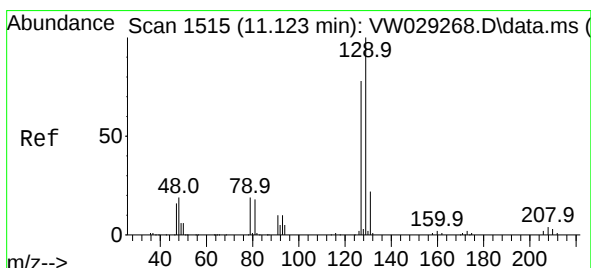
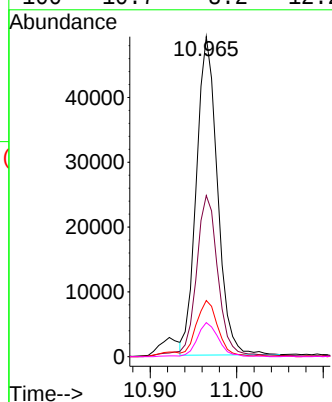
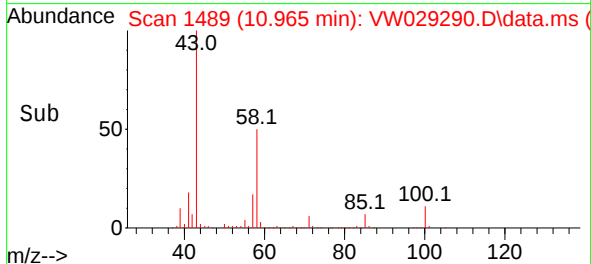


#48
2-Hexanone
Concen: 43.958 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

Instrument :
MSVOA_W
ClientSampleId :

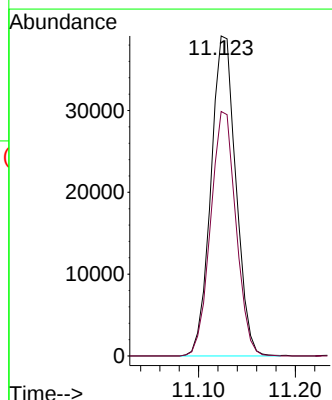
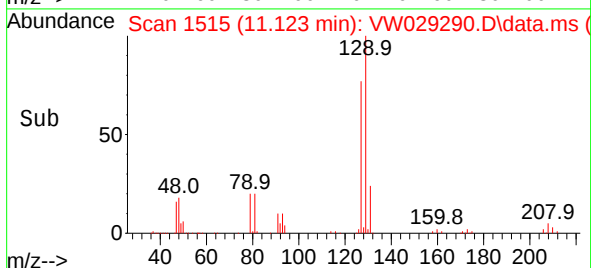
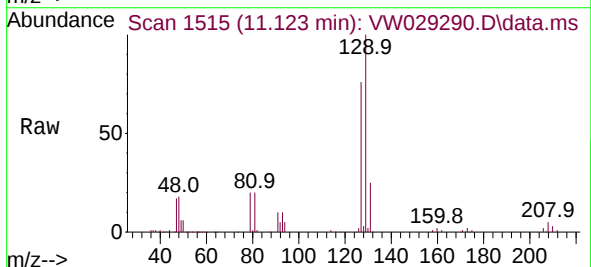


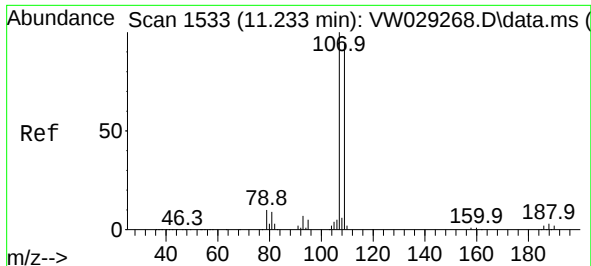
Tgt Ion: 43 Resp: 82990
Ion Ratio Lower Upper
43 100
58 53.0 39.6 59.4
57 18.3 14.6 21.8
100 10.7 8.2 12.2



#49
Dibromochloromethane
Concen: 22.452 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

Tgt Ion: 129 Resp: 70167
Ion Ratio Lower Upper
129 100
127 76.4 54.8 101.8





#50

1,2-Dibromoethane

Concen: 22.242 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029290.D

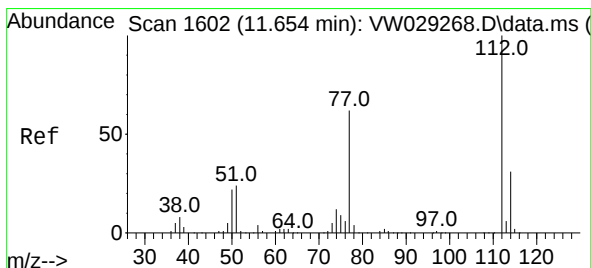
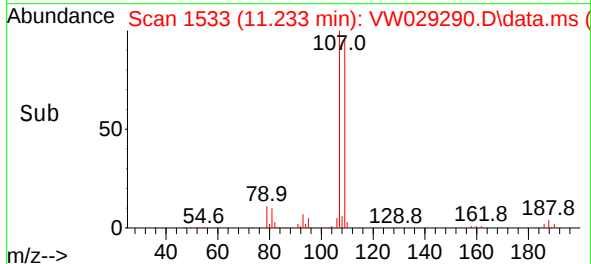
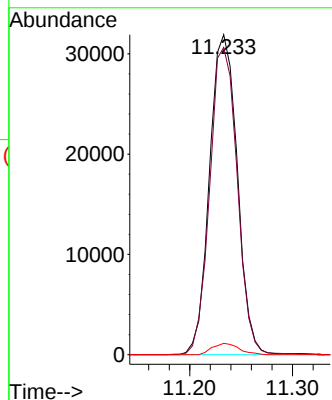
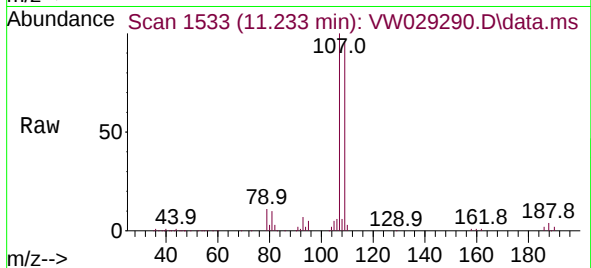
Acq: 21 Jun 2024 04:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	59692
Ion Ratio	Lower	Upper	
107	100		
109	96.0	65.5	121.6
188	3.7	2.6	4.0



#51

Chlorobenzene

Concen: 22.511 ug/L

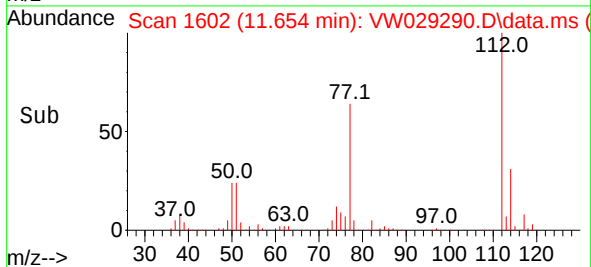
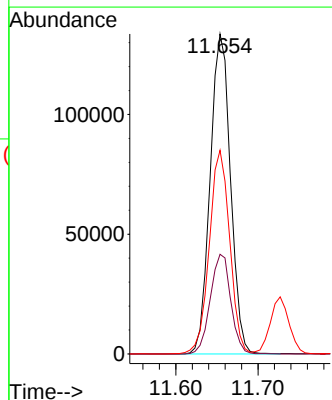
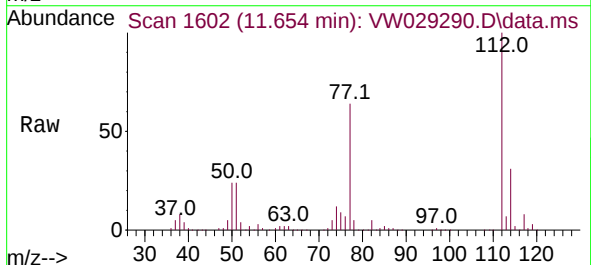
RT: 11.654 min Scan# 1602

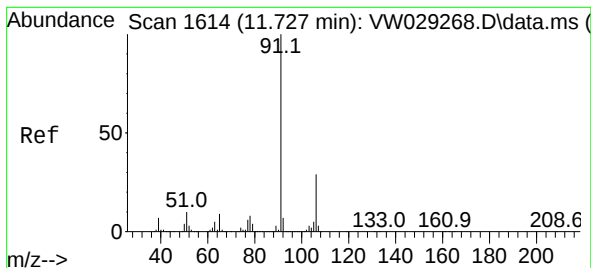
Delta R.T. -0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Tgt Ion:	112	Resp:	229580
Ion Ratio	Lower	Upper	
112	100		
114	31.1	22.6	42.0
77	63.7	51.0	76.6

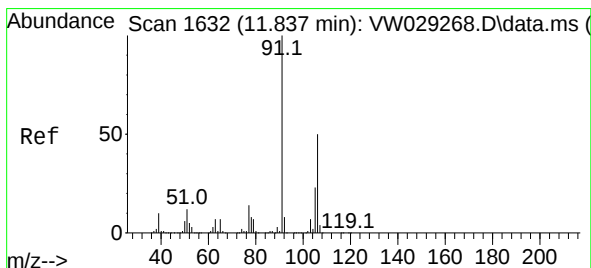
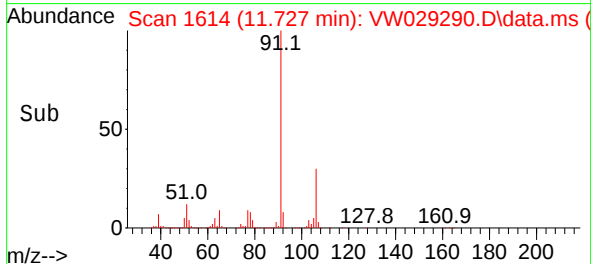
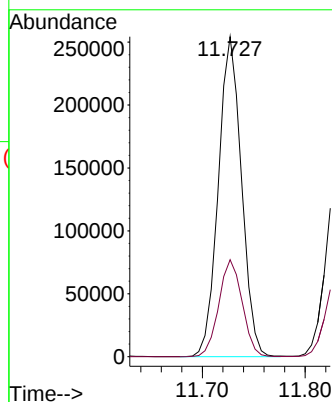
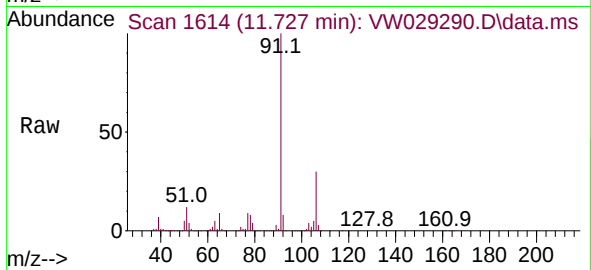




#52
Ethylbenzene
Concen: 22.299 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

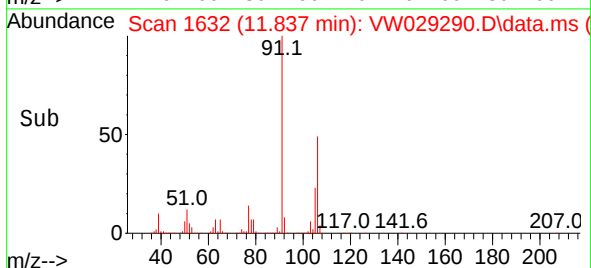
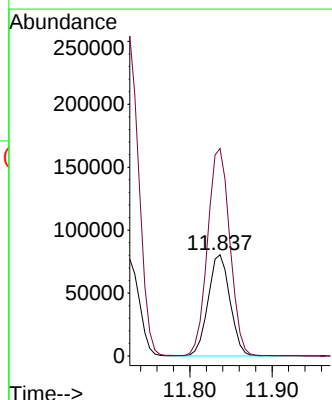
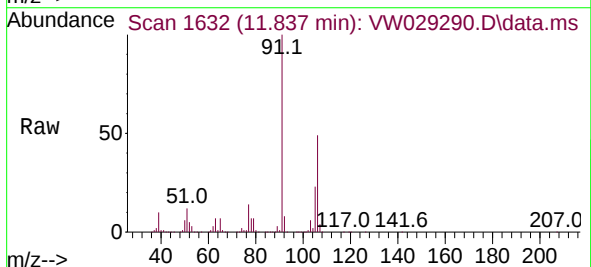
Instrument :
MSVOA_W
ClientSampleId :

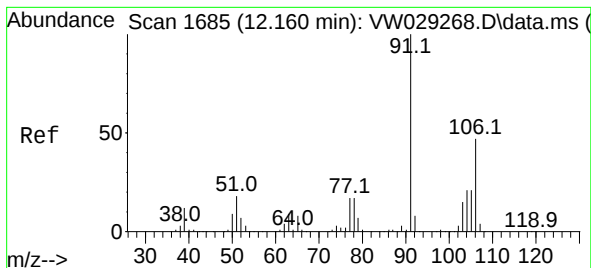
Tgt Ion: 91 Resp: 397537
Ion Ratio Lower Upper
91 100
106 30.3 19.9 37.0



#53
m,p-Xylene
Concen: 22.846 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

Tgt Ion:106 Resp: 148766
Ion Ratio Lower Upper
106 100
91 204.7 140.5 260.9





#54

o-Xylene

Concen: 23.430 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Instrument :

MSVOA_W

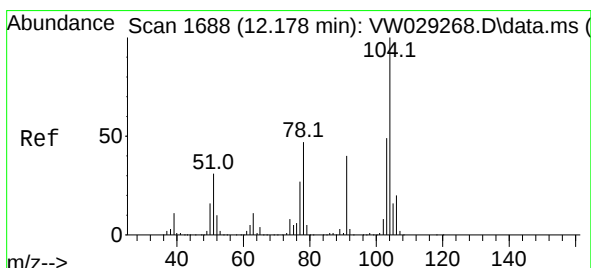
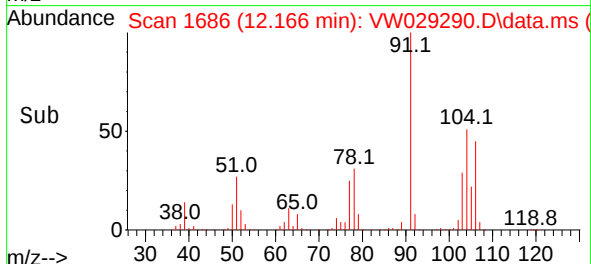
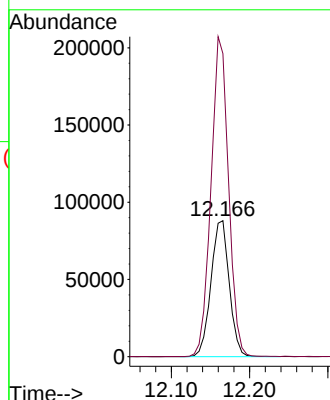
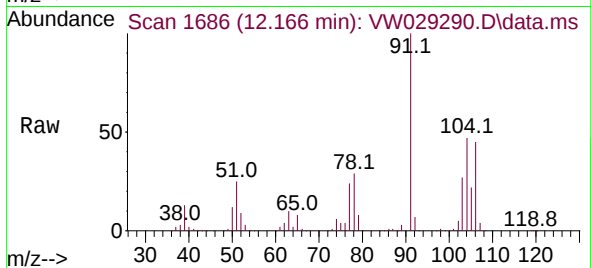
ClientSampleId :

Tgt Ion:106 Resp: 142588

Ion Ratio Lower Upper

106 100

91 222.7 149.9 278.5



#55

Styrene

Concen: 23.763 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029290.D

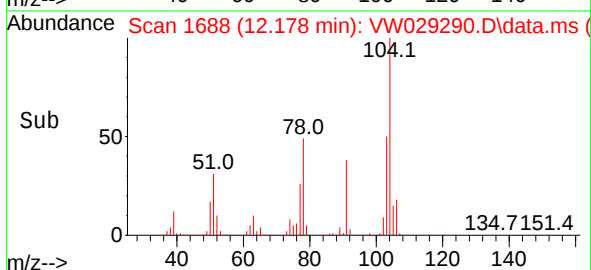
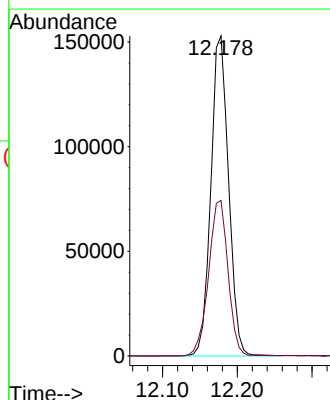
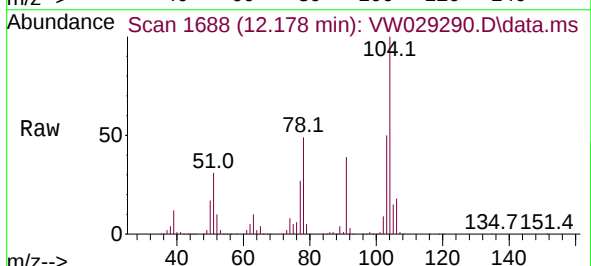
Acq: 21 Jun 2024 04:55

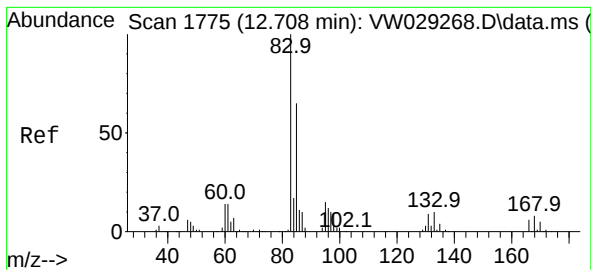
Tgt Ion:104 Resp: 252147

Ion Ratio Lower Upper

104 100

78 48.6 35.4 65.7

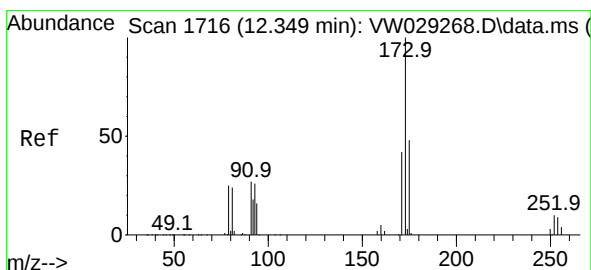
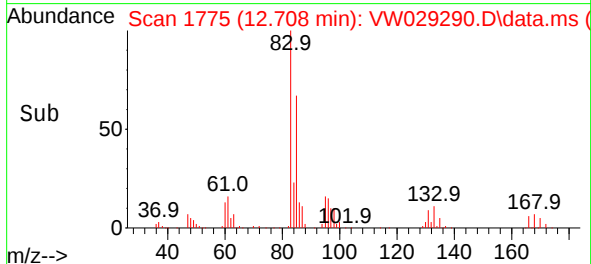
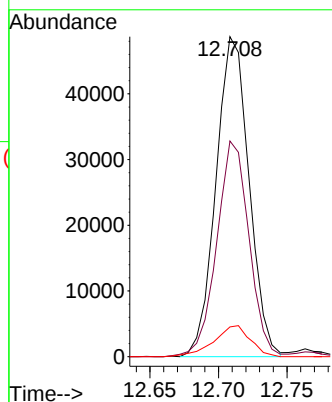
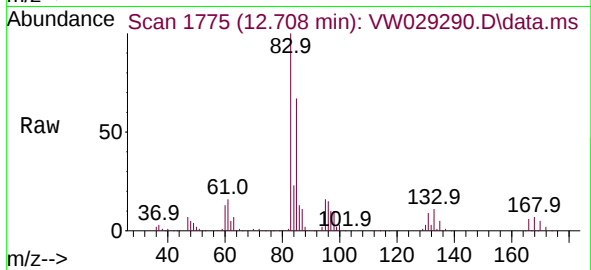




#57
1,1,2,2-Tetrachloroethane
Concen: 22.065 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

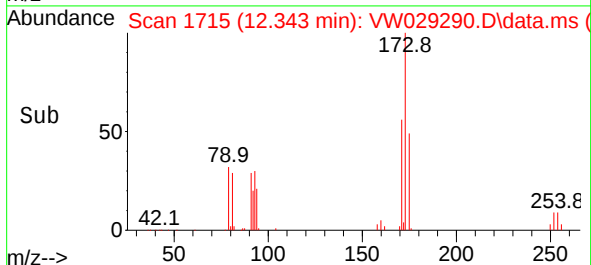
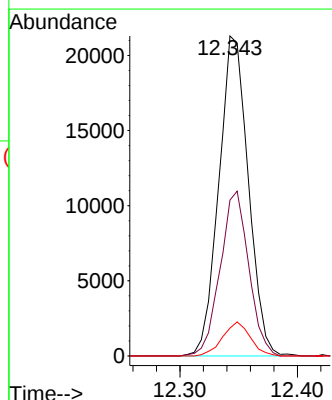
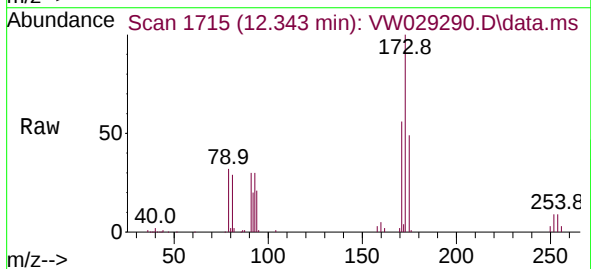
Instrument :
MSVOA_W
ClientSampleId :

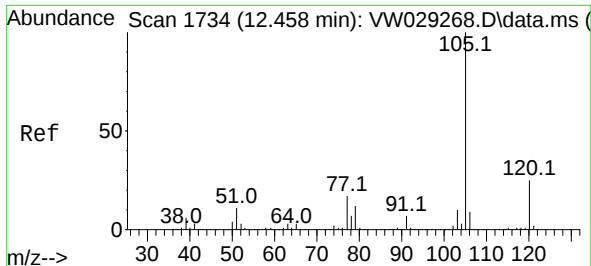
Tgt Ion: 83 Resp: 81599
Ion Ratio Lower Upper
83 100
85 67.4 45.8 85.0
131 9.3 7.8 11.6



#59
Bromoform
Concen: 21.707 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

Tgt Ion:173 Resp: 37097
Ion Ratio Lower Upper
173 100
175 49.9 37.8 56.8
254 10.0 7.8 11.6

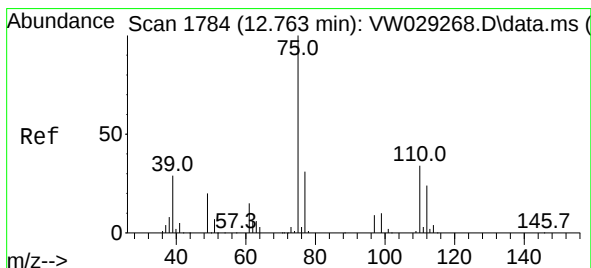
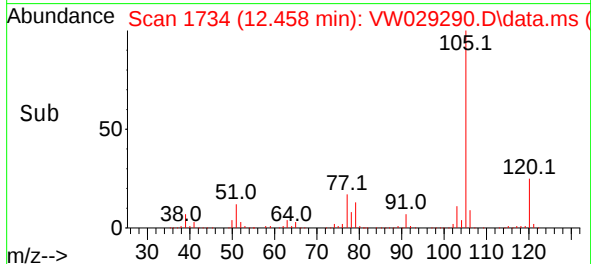
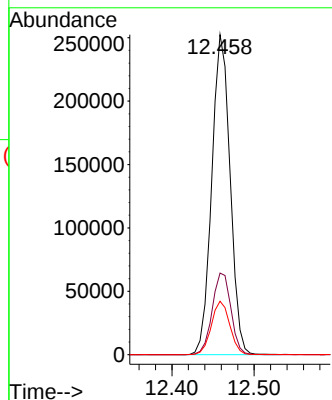
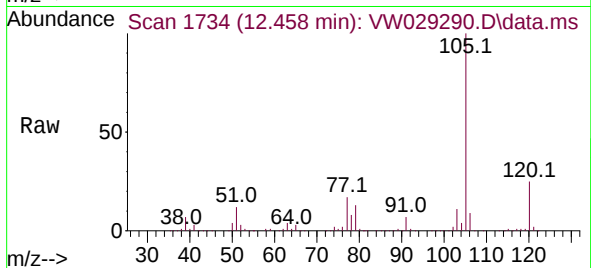




#60
Isopropylbenzene
Concen: 23.535 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

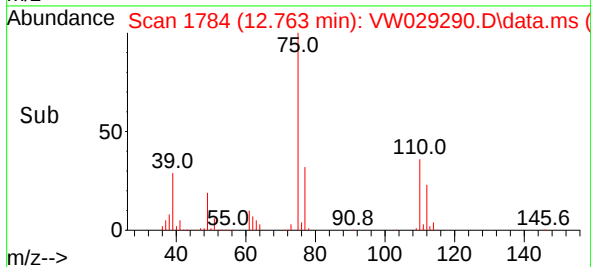
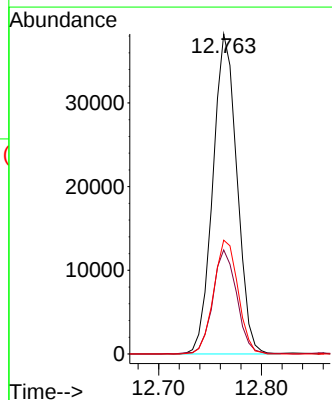
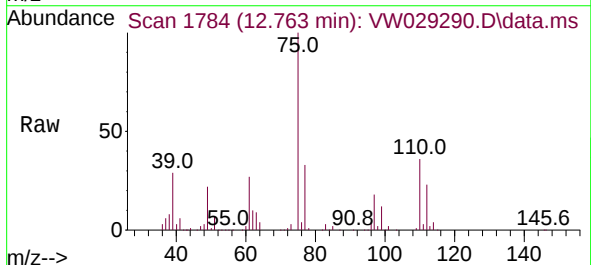
Instrument :
MSVOA_W
ClientSampleId :

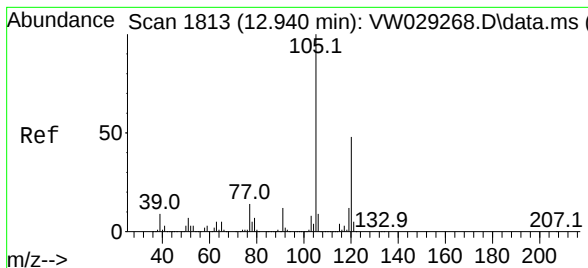
Tgt Ion:105 Resp: 391023
Ion Ratio Lower Upper
105 100
120 26.0 20.5 30.7
77 16.8 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 22.904 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

Tgt Ion: 75 Resp: 62291
Ion Ratio Lower Upper
75 100
77 32.3 26.6 39.8
110 35.9 29.5 44.3

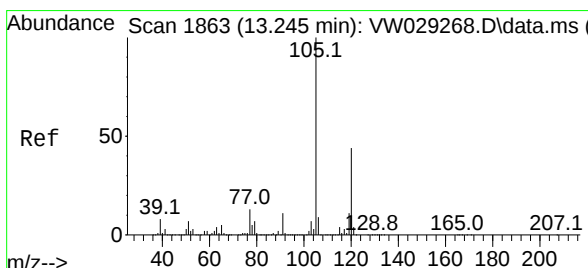
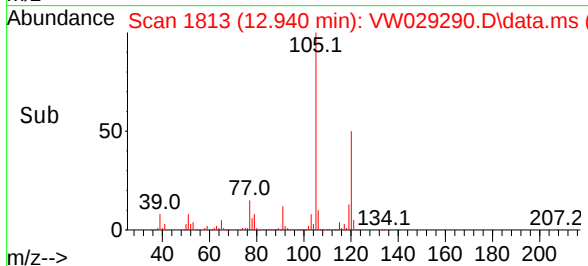
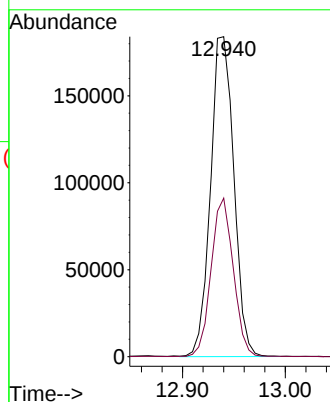
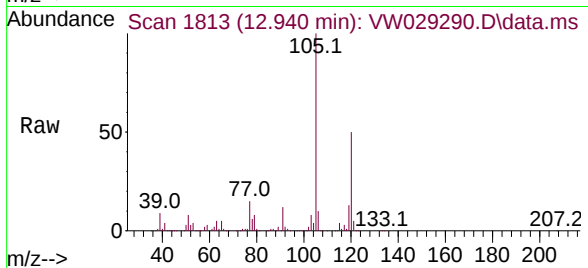




#62
1,3,5-Trimethylbenzene
Concen: 24.099 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

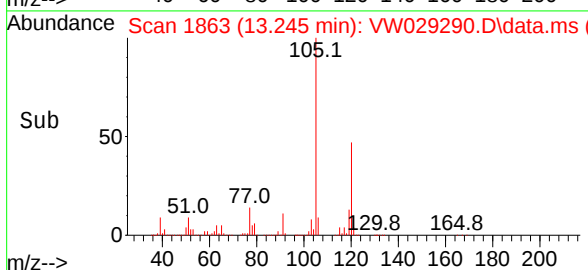
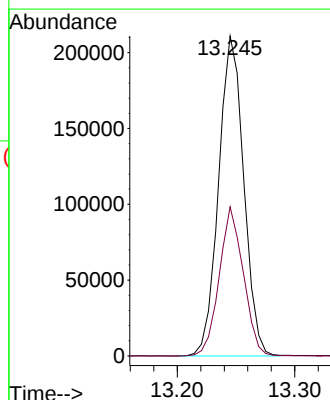
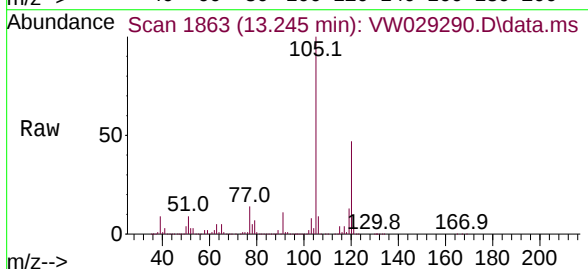
Instrument :
MSVOA_W
ClientSampleId :

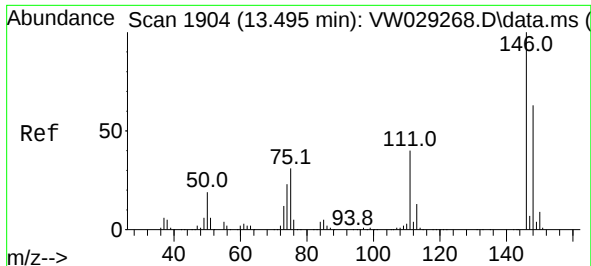
Tgt Ion:105 Resp: 289972
Ion Ratio Lower Upper
105 100
120 47.2 36.4 54.6



#63
1,2,4-Trimethylbenzene
Concen: 24.193 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

Tgt Ion:105 Resp: 313207
Ion Ratio Lower Upper
105 100
120 44.7 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 22.837 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

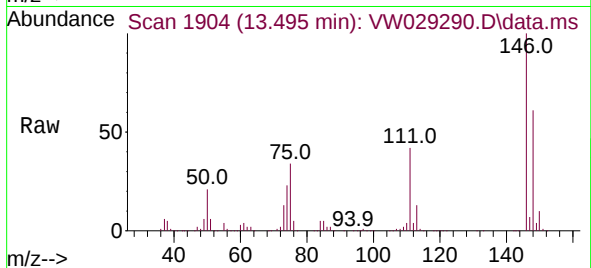
Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Instrument :

MSVOA_W

ClientSampleId :



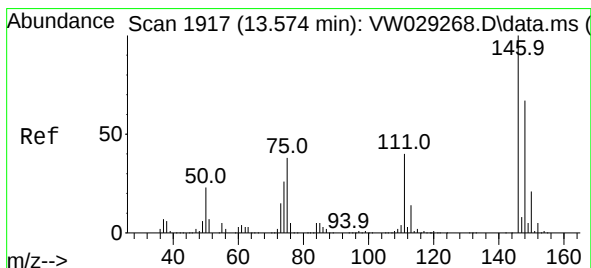
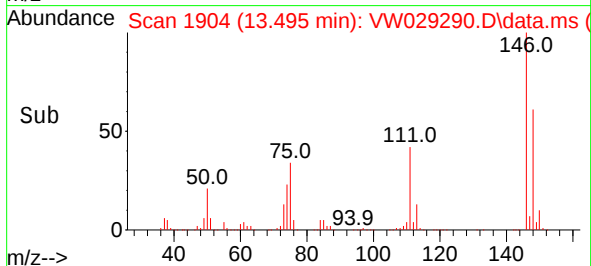
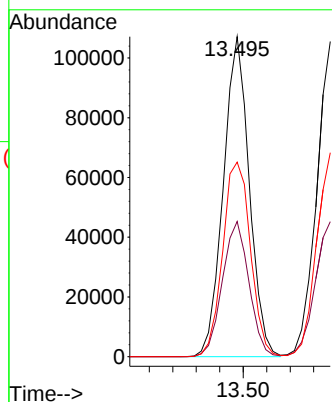
Tgt Ion:146 Resp: 164195

Ion Ratio Lower Upper

146 100

111 42.3 33.0 61.2

148 60.8 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 21.471 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

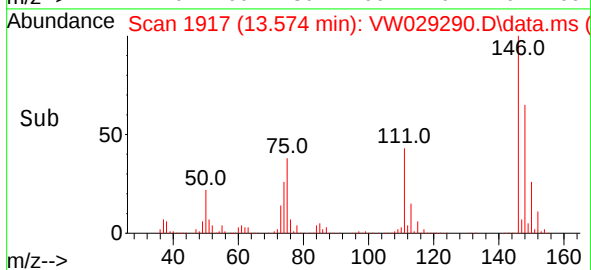
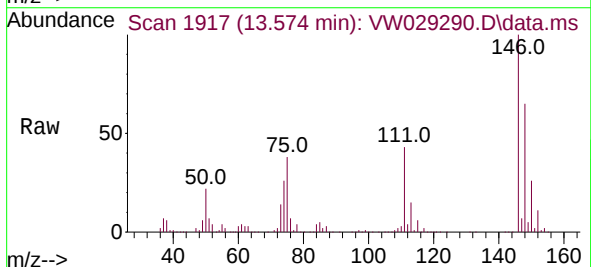
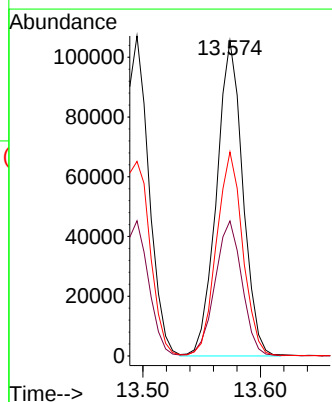
Tgt Ion:146 Resp: 164248

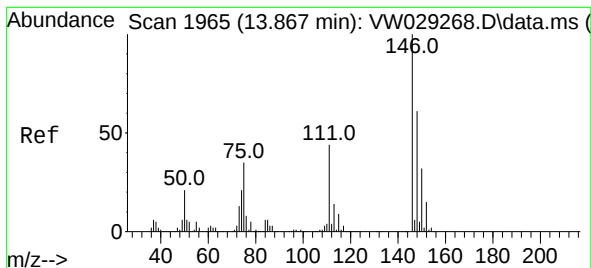
Ion Ratio Lower Upper

146 100

111 42.8 28.9 53.7

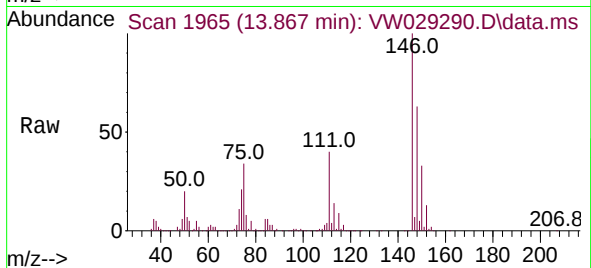
148 64.7 42.0 78.0



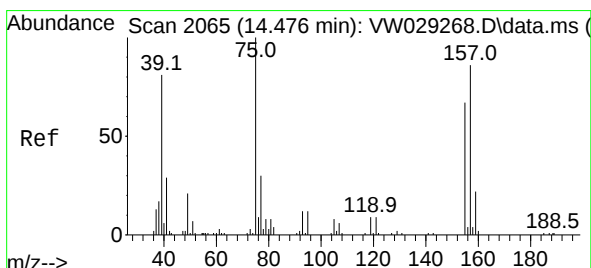
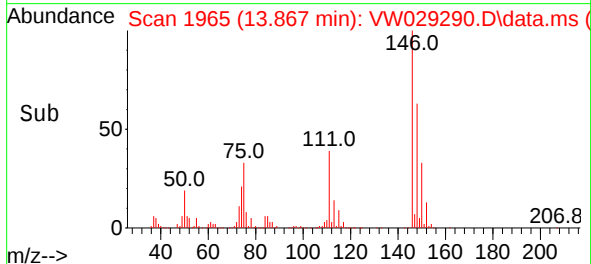
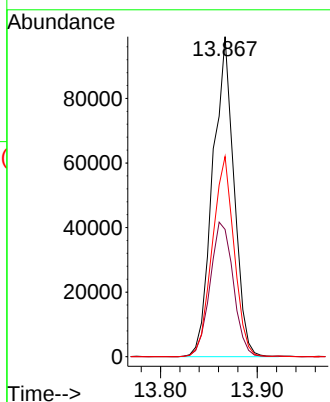


#67
1,2-Dichlorobenzene
Concen: 22.743 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

Instrument :
MSVOA_W
ClientSampleId :

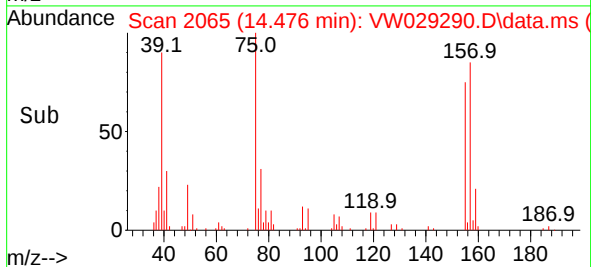
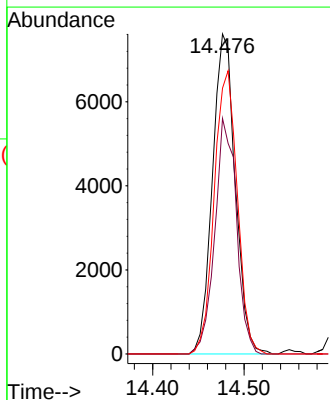
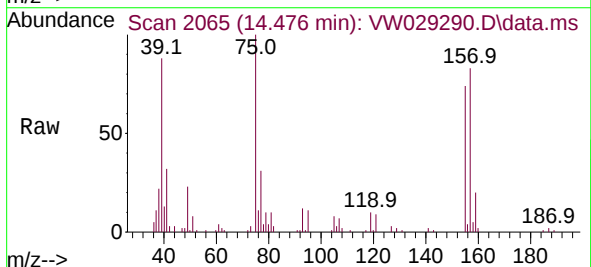


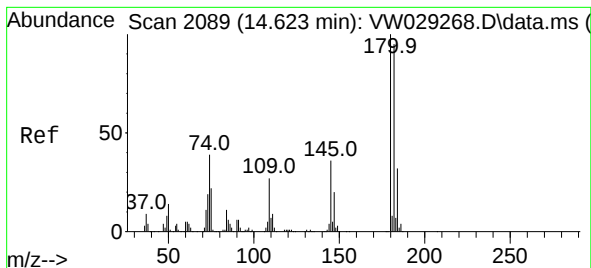
Tgt Ion:146 Resp: 151168
Ion Ratio Lower Upper
146 100
111 39.7 34.2 51.4
148 62.6 46.3 69.5



#68
1,2-Dibromo-3-chloropropane
Concen: 20.822 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

Tgt Ion: 75 Resp: 13215
Ion Ratio Lower Upper
75 100
155 73.6 51.0 76.6
157 83.1 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 21.407 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 103877

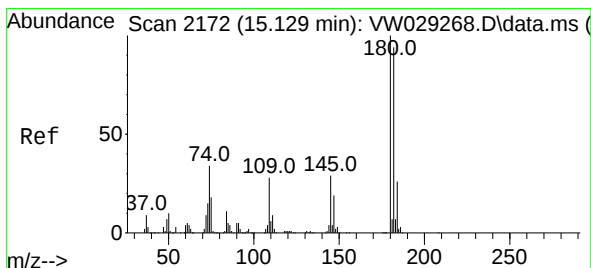
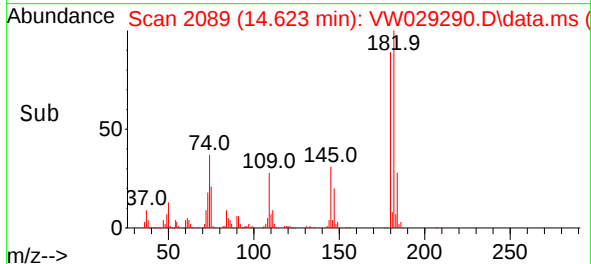
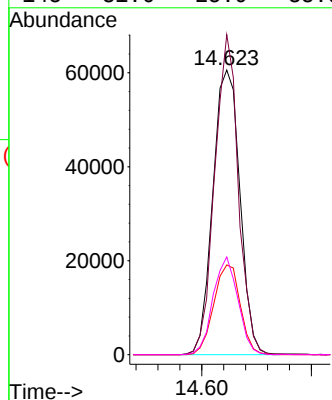
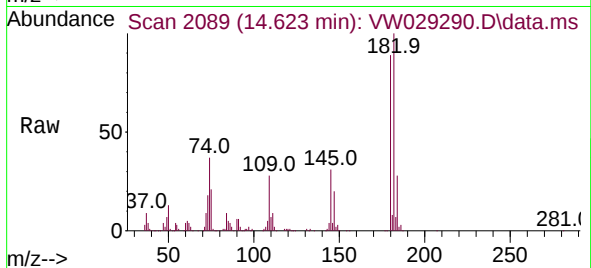
Ion Ratio Lower Upper

180 100

182 98.5 72.9 109.3

184 30.9 23.8 35.6

145 31.6 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 22.217 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029290.D

Acq: 21 Jun 2024 04:55

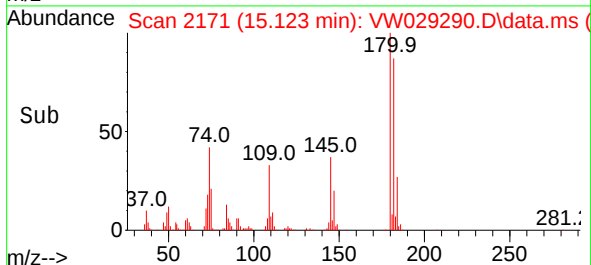
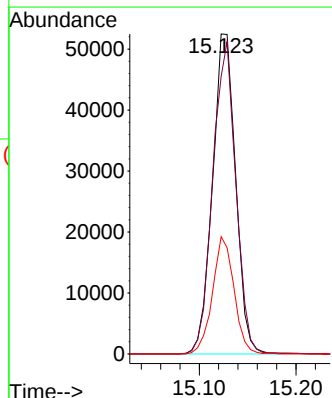
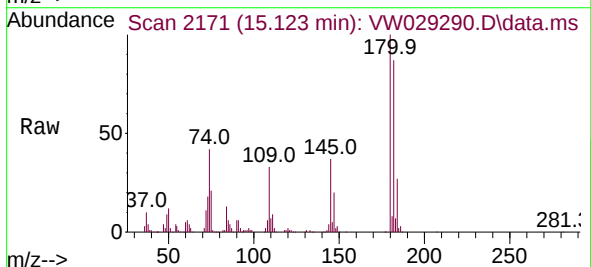
Tgt Ion:180 Resp: 87393

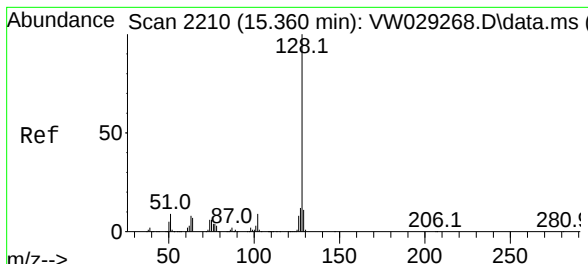
Ion Ratio Lower Upper

180 100

182 96.8 77.7 116.5

145 34.0 25.7 38.5



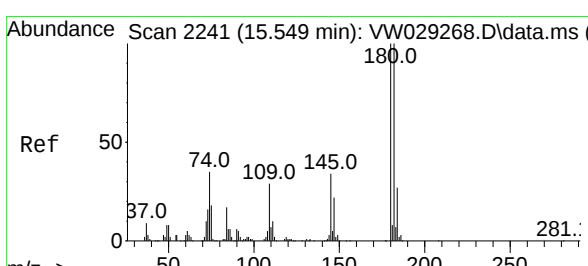
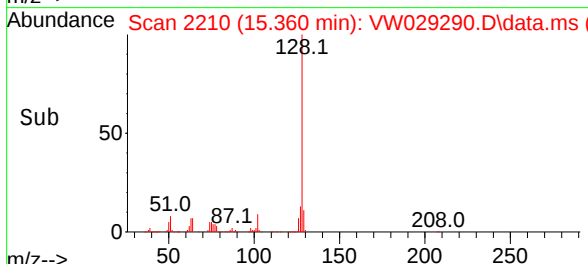
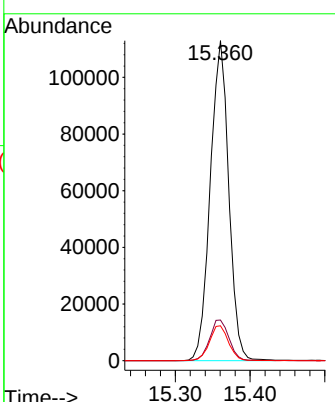
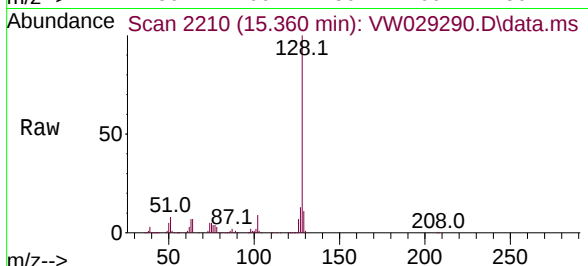


#71
Naphthalene
Concen: 24.996 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 194058

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.3	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 23.524 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW029290.D
Acq: 21 Jun 2024 04:55

Tgt Ion:180 Resp: 84312

Ion	Ratio	Lower	Upper
180	100		
182	92.9	73.0	109.6
145	34.8	28.1	42.1

