

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
 Data File : VW029196.D
 Acq On : 18 Jun 2024 22:25
 Operator : SY/MD
 Sample : P2934-06MS
 Misc : 5.62g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 19 01:53:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 01:46:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	400750	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	338380	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	134456	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	112393	20.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.040%
7) Chloroethane-d5	2.899	69	95379	20.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.440%
11) 1,1-Dichloroethene-d2	4.021	65	52654	19.660	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.640%
21) 2-Butanone-d5	7.173	46	314	0.189	ug/L	0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.380%#
24) Chloroform-d	7.648	84	245516	20.537	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.160%
26) 1,2-Dichloroethane-d4	8.307	65	144814	21.099	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	8.276	84	472294	22.979	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.920%
36) 1,2-Dichloropropane-d6	9.270	67	153380	23.476	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.920%
41) Toluene-d8	10.325	98	415629	22.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.440%
43) trans-1,3-Dichloroprop...	10.575	79	45237	17.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.720%
47) 2-Hexanone-d5	10.922	63	32124	31.365	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	113831	21.891	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	98629	21.133	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	73333	18.756	ug/L	98
3) Chloromethane	2.222	50	90540	16.241	ug/L	99
5) Vinyl chloride	2.375	62	123402	19.275	ug/L	95
6) Bromomethane	2.783	94	51007	13.256	ug/L	96
8) Chloroethane	2.930	64	81946	20.927	ug/L	97
9) Trichlorofluoromethane	3.271	101	105503	21.256	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	100930	18.443	ug/L #	63
12) 1,1-Dichloroethene	4.045	96	96403	20.761	ug/L	94
13) Acetone	4.118	43	43838	31.084	ug/L	99
14) Carbon disulfide	4.393	76	247455	16.325	ug/L	100
15) Methyl Acetate	4.673	43	31952	11.412	ug/L	99
16) Methylene chloride	4.923	84	131263	18.628	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	106558	20.664	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	205071	24.856	ug/L	98
19) 1,1-Dichloroethane	6.216	63	240209	21.567	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	122226	21.494	ug/L	94
22) 2-Butanone	7.173	43	71389	36.927	ug/L	97
23) Bromochloromethane	7.514	128	54159	21.394	ug/L	93
25) Chloroform	7.679	83	235264	21.632	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
 Data File : VW029196.D
 Acq On : 18 Jun 2024 22:25
 Operator : SY/MD
 Sample : P2934-06MS
 Misc : 5.62g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 19 01:53:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 01:46:42 2024
 Response via : Initial Calibration

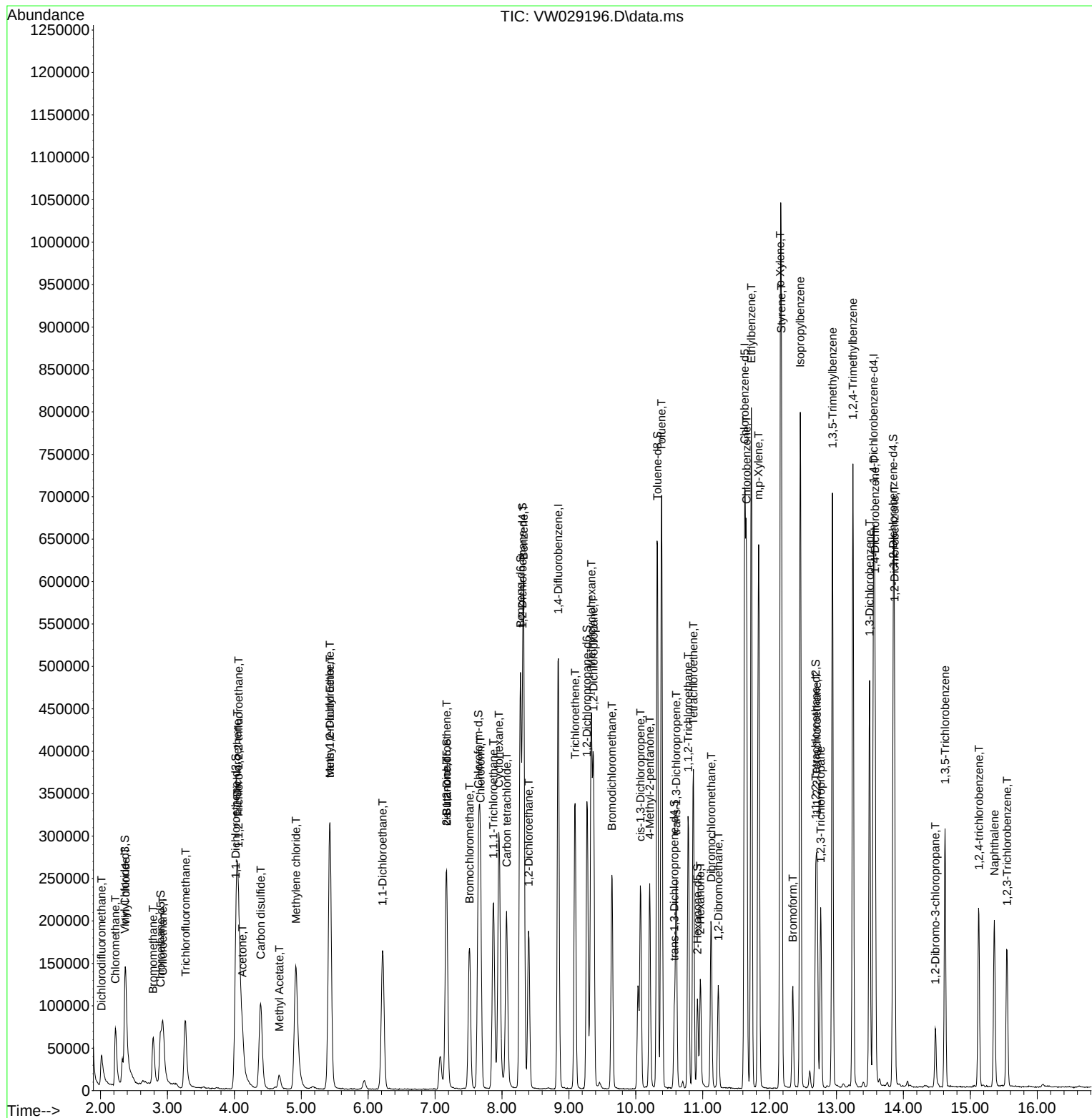
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	171360	21.364	ug/L	99
29) Cyclohexane	7.953	56	173311	22.404	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	178518	23.725	ug/L	97
31) Carbon tetrachloride	8.069	117	152446	22.178	ug/L	97
33) Benzene	8.325	78	484045	23.807	ug/L	100
34) Trichloroethene	9.093	95	119272	21.988	ug/L	95
35) Methylcyclohexane	9.337	83	158942	18.632	ug/L	99
37) 1,2-Dichloropropane	9.367	63	138418	24.228	ug/L	98
38) Bromodichloromethane	9.642	83	164682	23.576	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	133004	16.469	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	161865	45.712	ug/L	99
42) Toluene	10.386	91	492788	23.577	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	124830	18.306	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	96823	24.334	ug/L	97
46) Tetrachloroethene	10.861	164	79140	20.871	ug/L	79
48) 2-Hexanone	10.965	43	82236	32.729	ug/L	98
49) Dibromochloromethane	11.129	129	99004	23.803	ug/L	93
50) 1,2-Dibromoethane	11.233	107	79967	22.389	ug/L	100
51) Chlorobenzene	11.654	112	294592	21.704	ug/L	96
52) Ethylbenzene	11.727	91	530874	22.375	ug/L	96
53) m,p-Xylene	11.837	106	190477	21.979	ug/L	91
54) o-Xylene	12.160	106	186149	22.983	ug/L	94
55) Styrene	12.178	104	272333	19.284	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	111825	22.720	ug/L	98
59) Bromoform	12.349	173	49642	26.938	ug/L	98
60) Isopropylbenzene	12.458	105	486730	27.168	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	85117	29.023	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	346833	26.731	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	363487	26.037	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	175903	22.688	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	180552	21.888	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	156874	21.887	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	17679	25.832	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	83164	15.894	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	61100	14.405	ug/L	96
71) Naphthalene	15.360	128	154702	18.479	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	50515	13.070	ug/L	99

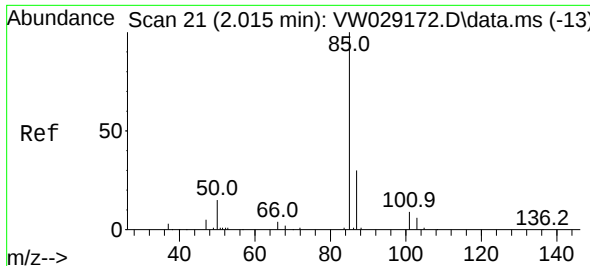
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
Data File : VW029196.D
Acq On : 18 Jun 2024 22:25
Operator : SY/MD
Sample : P2934-06MS
Misc : 5.62g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 19 01:53:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 19 01:46:42 2024
Response via : Initial Calibration

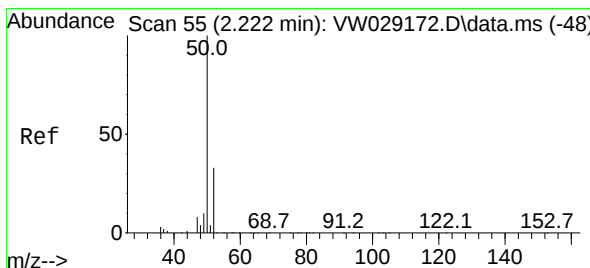
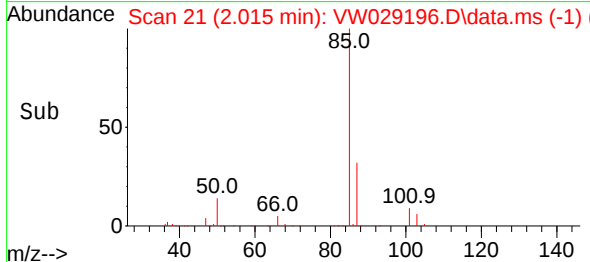
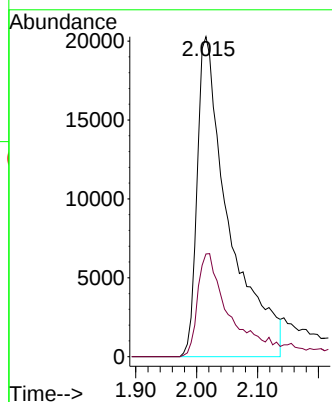
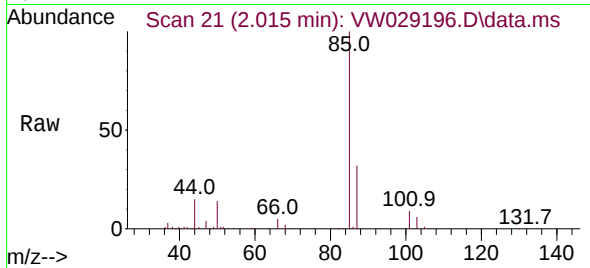




#2
 Dichlorodifluoromethane
 Concen: 18.756 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029196.D
 Acq: 18 Jun 2024 22:25

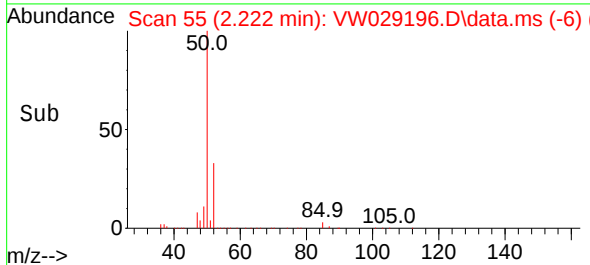
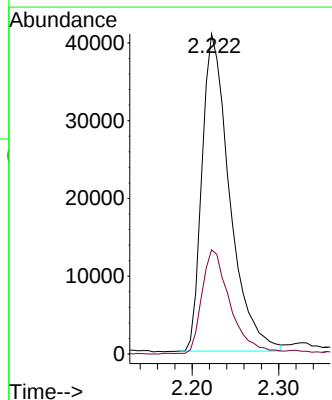
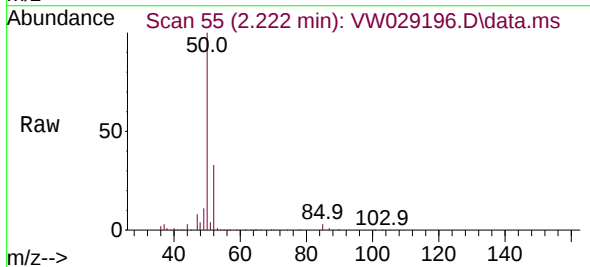
Instrument :
 MSVOA_W
 ClientSampleId :

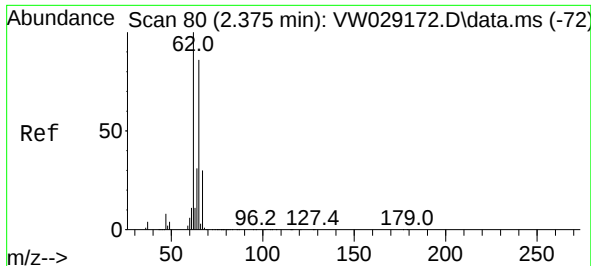
Tgt Ion: 85 Resp: 73333
 Ion Ratio Lower Upper
 85 100
 87 31.0 23.8 35.6



#3
 Chloromethane
 Concen: 16.241 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029196.D
 Acq: 18 Jun 2024 22:25

Tgt Ion: 50 Resp: 90540
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.3 41.5

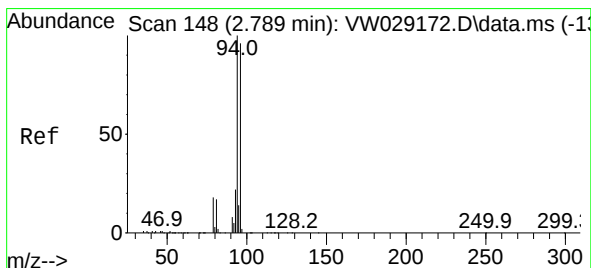
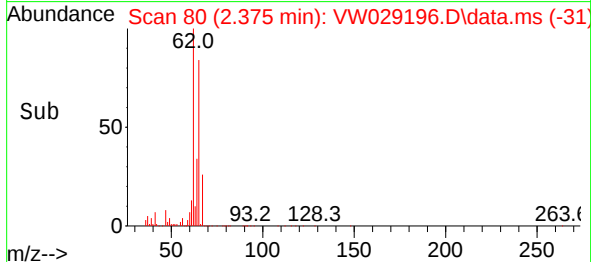
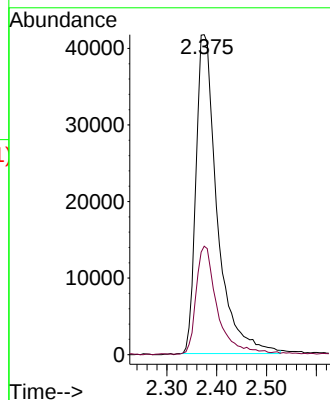
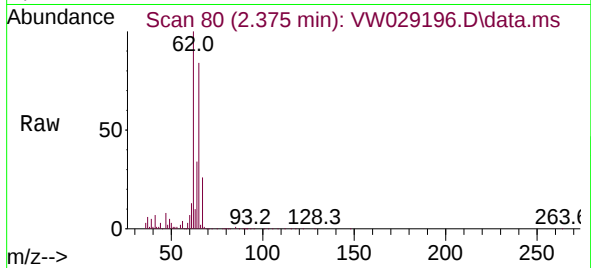




#5
 Vinyl chloride
 Concen: 19.275 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029196.D
 Acq: 18 Jun 2024 22:25

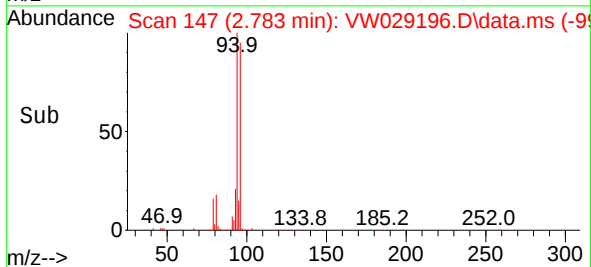
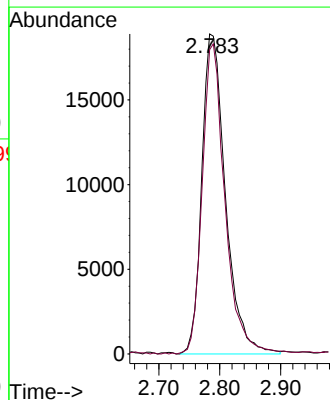
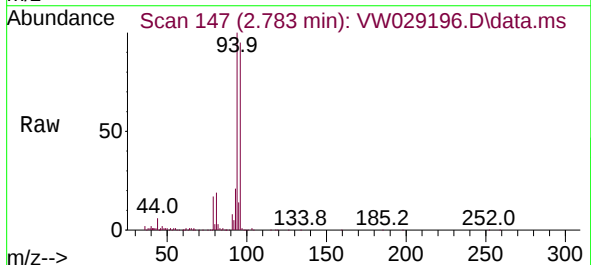
Instrument :
 MSVOA_W
 ClientSampleId :

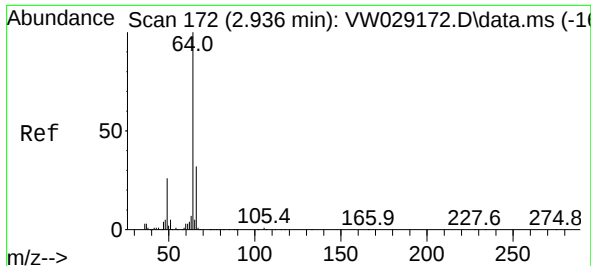
Tgt Ion: 62 Resp: 123402
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.0 40.8



#6
 Bromomethane
 Concen: 13.256 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW029196.D
 Acq: 18 Jun 2024 22:25

Tgt Ion: 94 Resp: 51007
 Ion Ratio Lower Upper
 94 100
 96 95.1 69.5 129.1

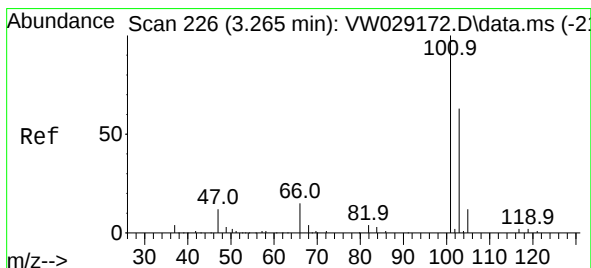
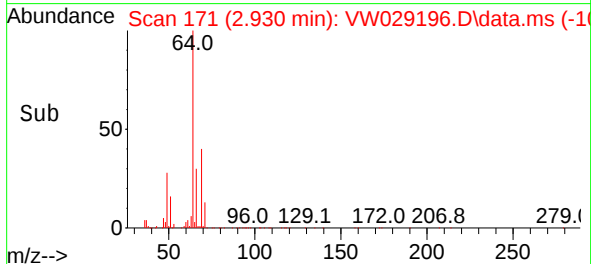
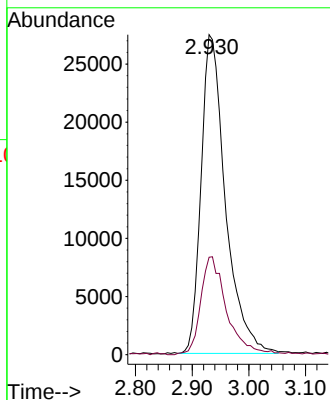
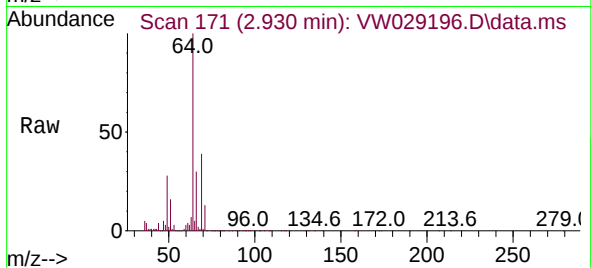




#8
Chloroethane
Concen: 20.927 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

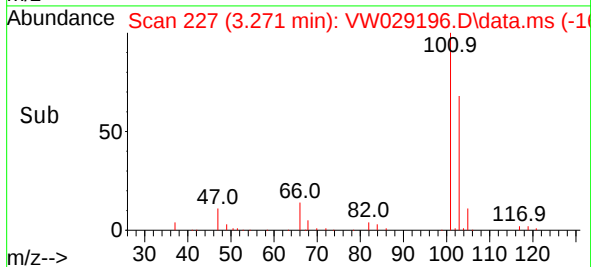
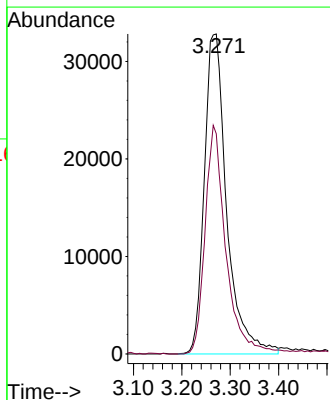
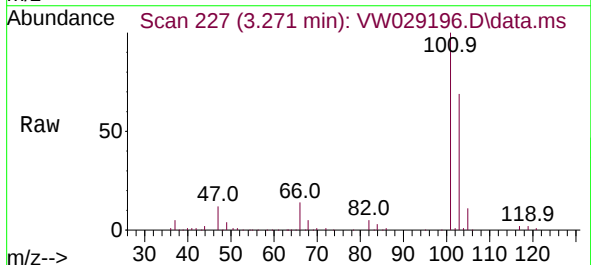
Instrument :
MSVOA_W
ClientSampleId :

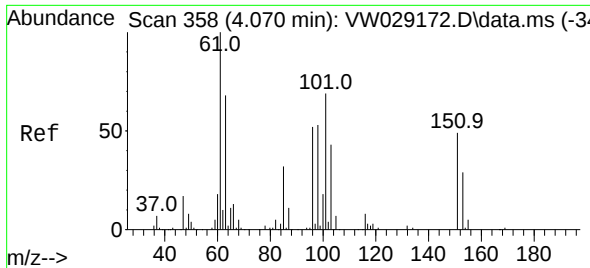
Tgt Ion: 64 Resp: 81946
Ion Ratio Lower Upper
64 100
66 30.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 21.256 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

Tgt Ion:101 Resp: 105503
Ion Ratio Lower Upper
101 100
103 66.0 50.8 76.2





#10

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

Concen: 18.443 ug/L

RT: 4.064 min Scan# 357

Delta R.T. -0.006 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

Instrument :

MSVOA_W

ClientSampleId :

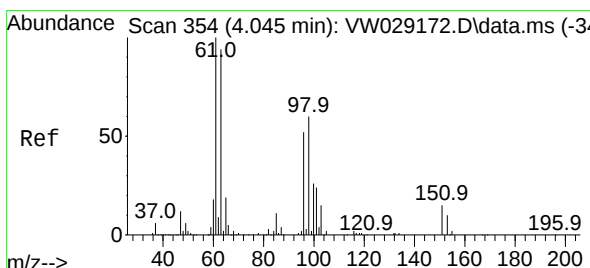
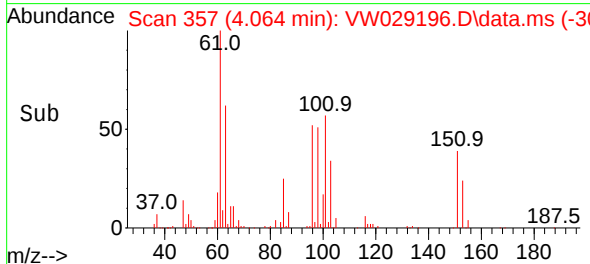
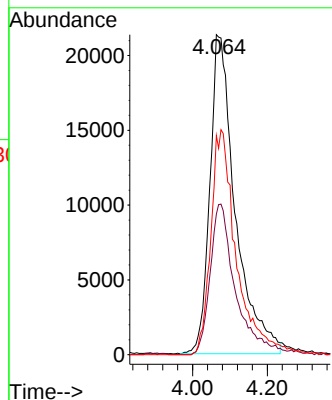
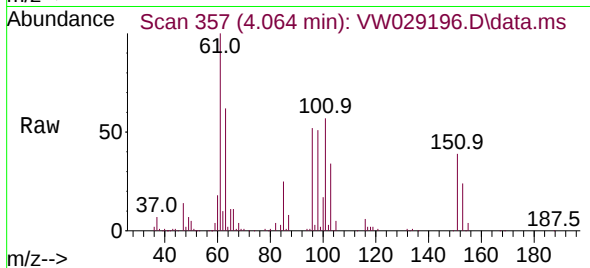
Tgt Ion:101 Resp: 100930

Ion Ratio Lower Upper

101 100

85 44.1 30.2 45.2

151 24.4 52.2 78.4#



#12

1,1-Dichloroethene

Concen: 20.761 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

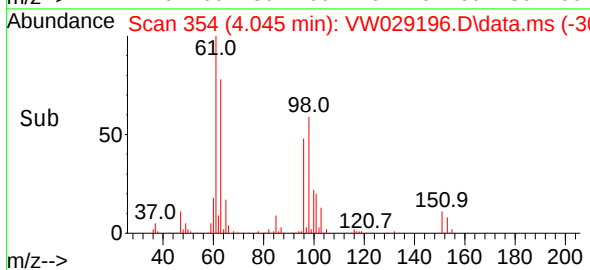
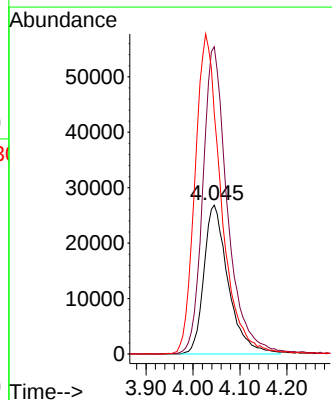
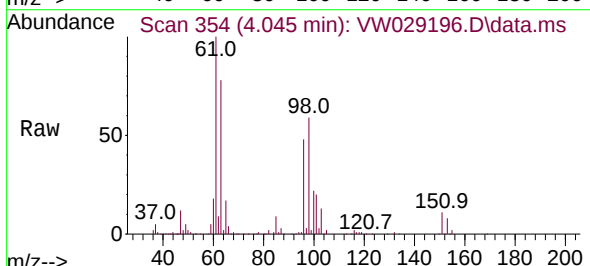
Tgt Ion: 96 Resp: 96403

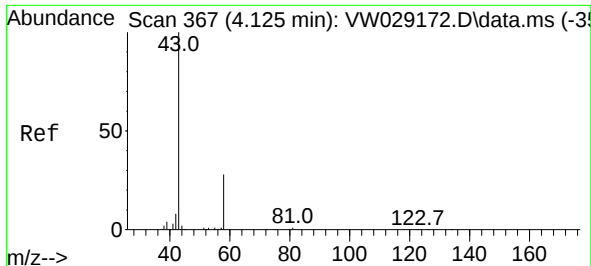
Ion Ratio Lower Upper

96 100

61 206.4 140.1 260.3

63 161.7 122.0 226.6

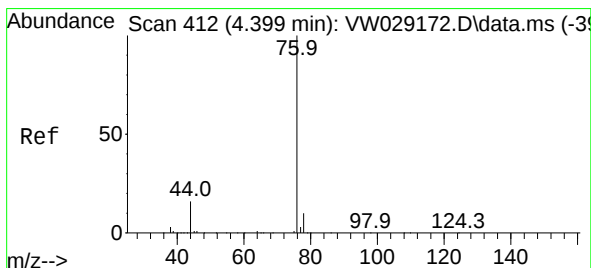
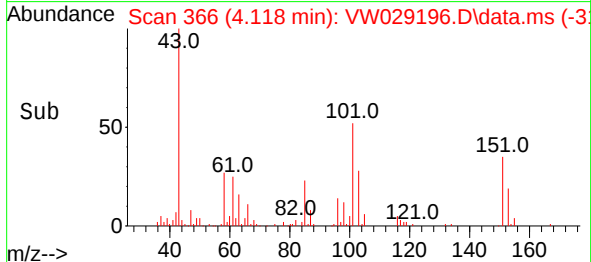
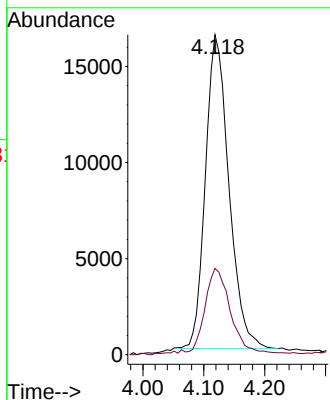
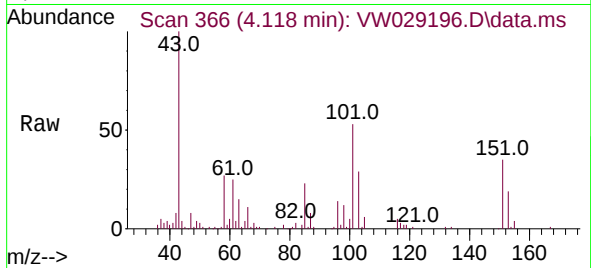




#13
Acetone
Concen: 31.084 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

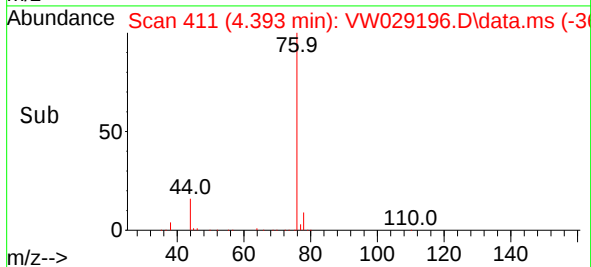
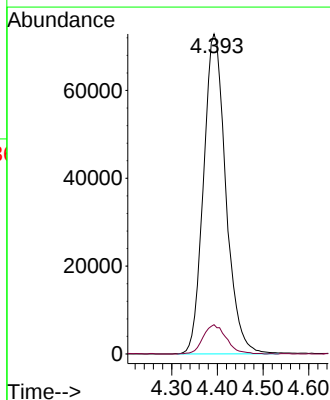
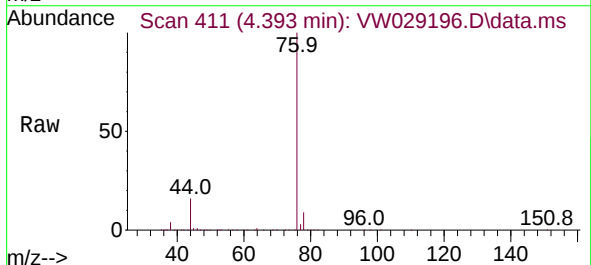
Instrument :
MSVOA_W
ClientSampleId :

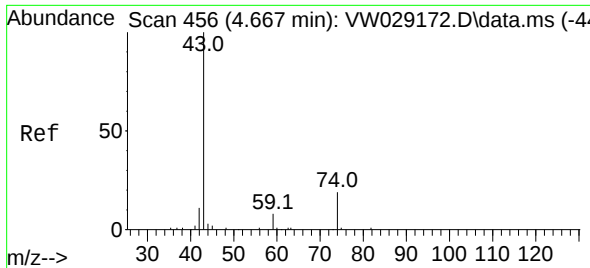
Tgt Ion: 43 Resp: 43838
Ion Ratio Lower Upper
43 100
58 30.1 0.0 61.4



#14
Carbon disulfide
Concen: 16.325 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

Tgt Ion: 76 Resp: 247455
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

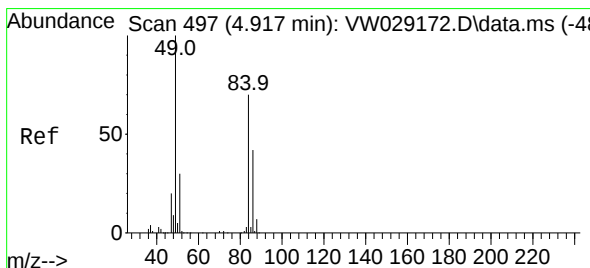
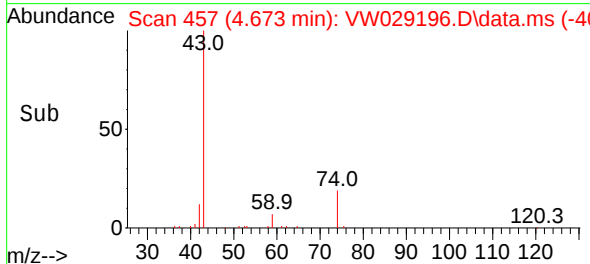
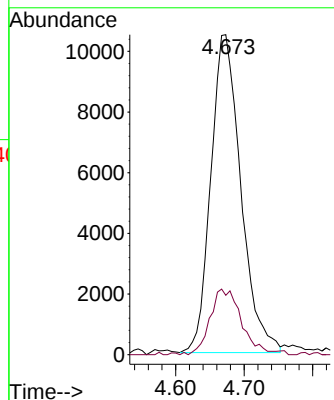
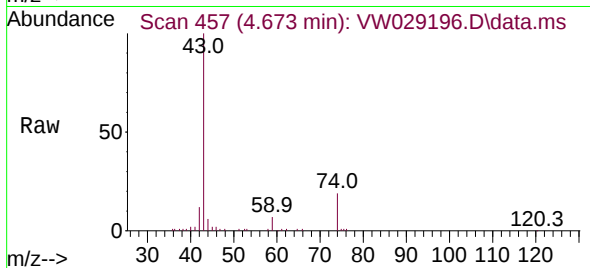




#15
Methyl Acetate
Concen: 11.412 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

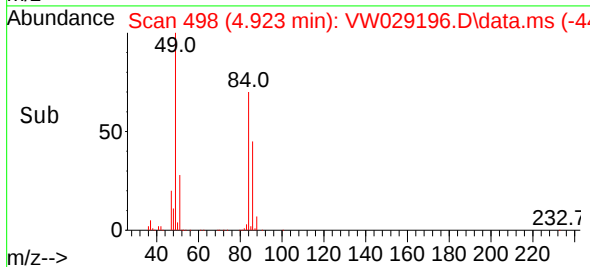
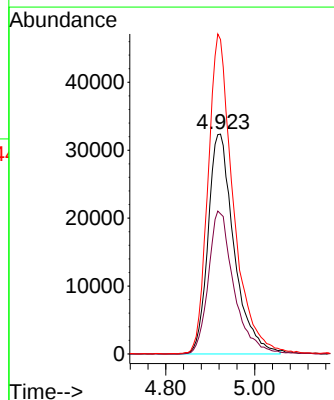
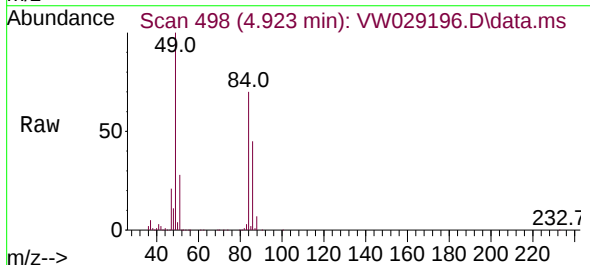
Instrument :
MSVOA_W
ClientSampleId :

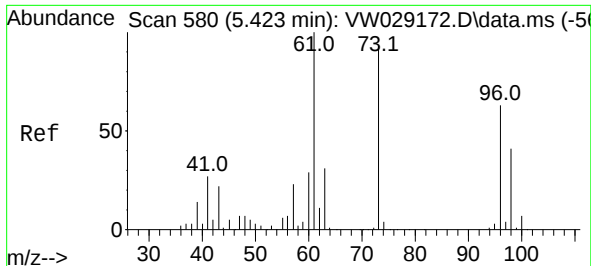
Tgt Ion: 43 Resp: 31952
Ion Ratio Lower Upper
43 100
74 21.2 16.6 25.0



#16
Methylene chloride
Concen: 18.628 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

Tgt Ion: 84 Resp: 131263
Ion Ratio Lower Upper
84 100
86 63.8 41.4 77.0
49 143.0 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 20.664 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

Instrument :

MSVOA_W

ClientSampleId :

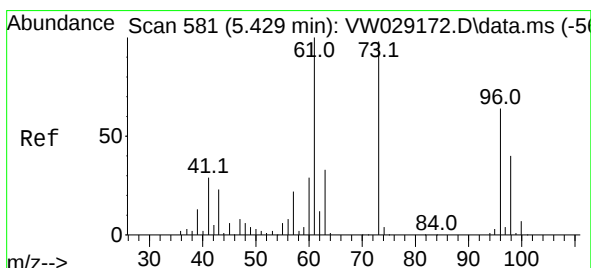
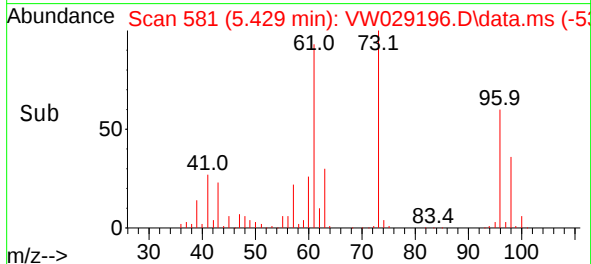
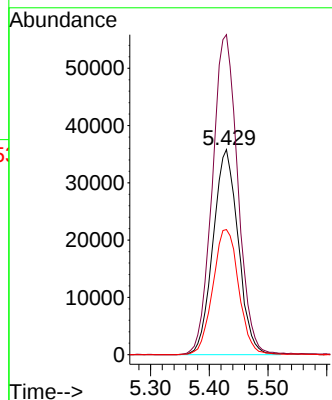
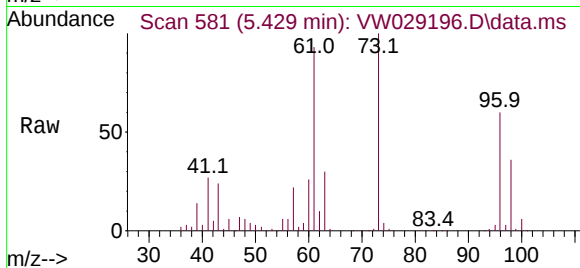
Tgt Ion: 96 Resp: 106558

Ion Ratio Lower Upper

96 100

61 156.0 101.5 188.5

98 61.1 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 24.856 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

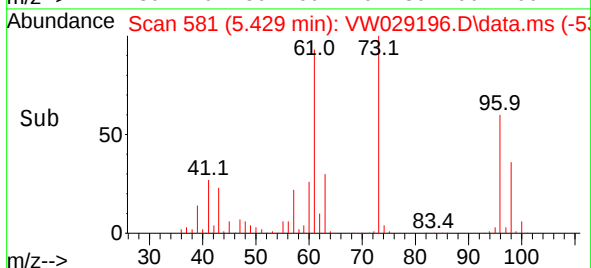
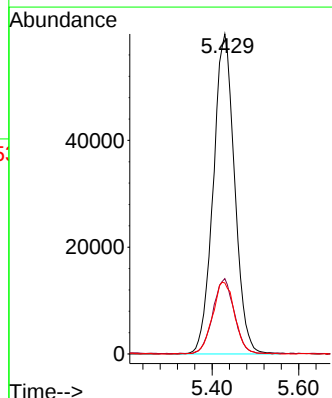
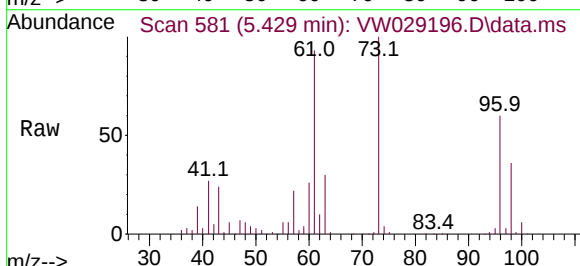
Tgt Ion: 73 Resp: 205071

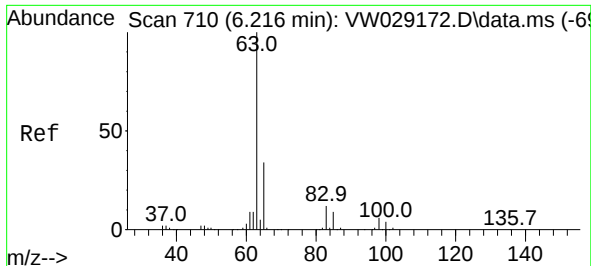
Ion Ratio Lower Upper

73 100

43 23.3 19.5 29.3

57 23.4 18.4 27.6

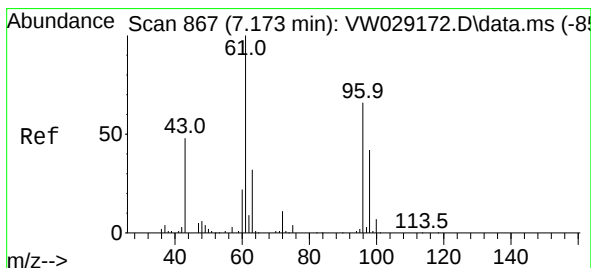
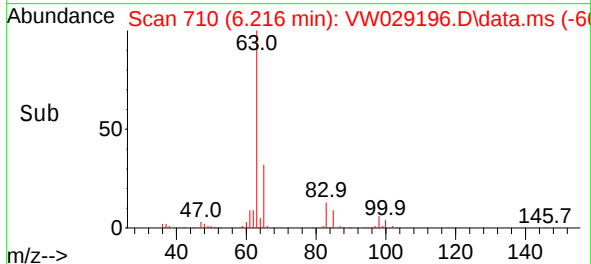
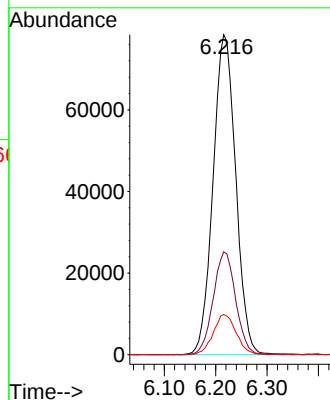
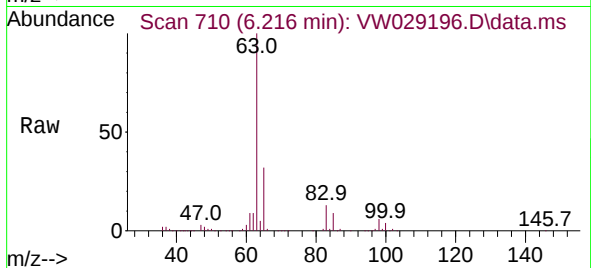




#19
1,1-Dichloroethane
Concen: 21.567 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

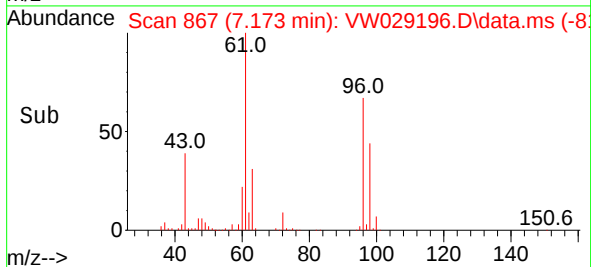
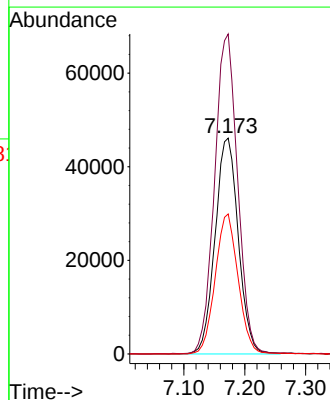
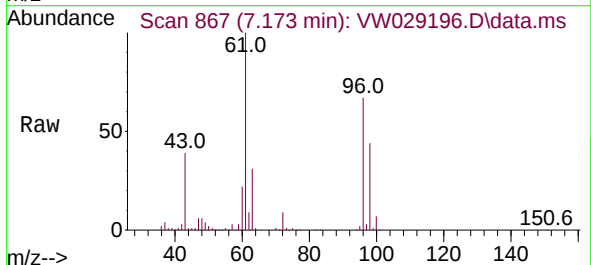
Instrument :
MSVOA_W
ClientSampleId :

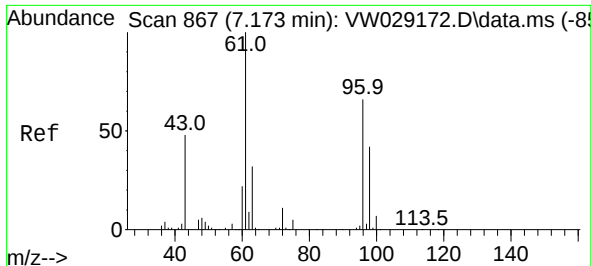
Tgt Ion:	63	Resp:	240209
Ion Ratio	Lower	Upper	
63	100		
65	32.1	23.4	43.4
83	12.5	8.9	16.5



#20
cis-1,2-Dichloroethene
Concen: 21.494 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

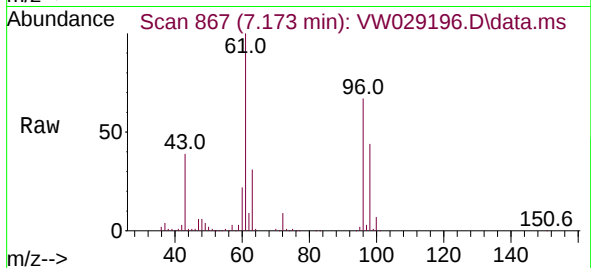
Tgt Ion:	96	Resp:	122226
Ion Ratio	Lower	Upper	
96	100		
61	148.3	97.8	181.6
98	64.9	43.0	79.8



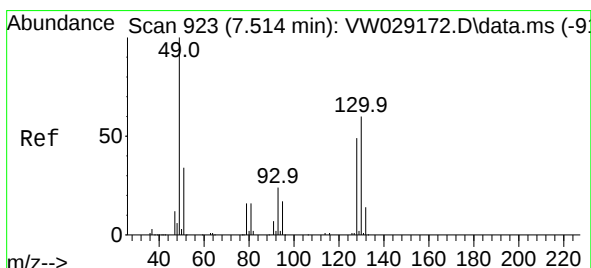
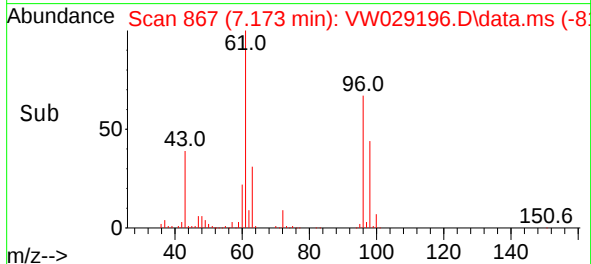
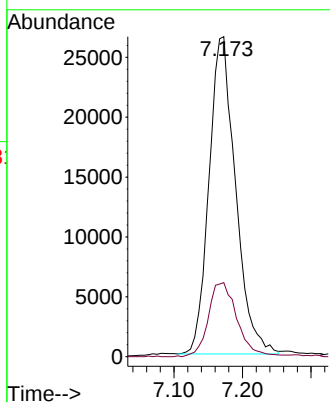


#22
2-Butanone
Concen: 36.927 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

Instrument :
MSVOA_W
ClientSampleId :

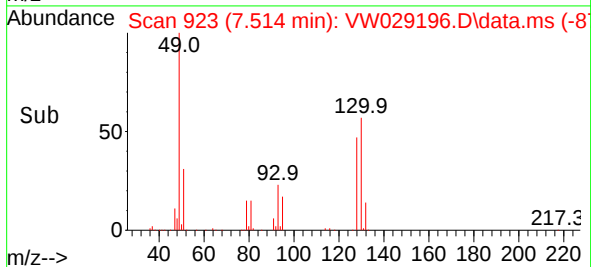
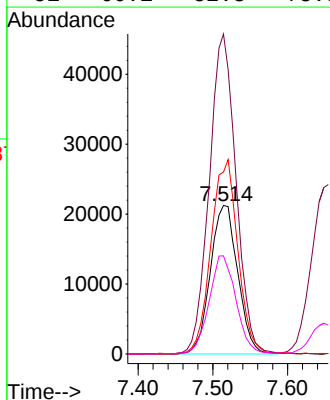
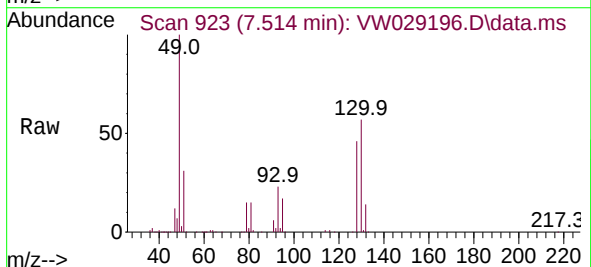


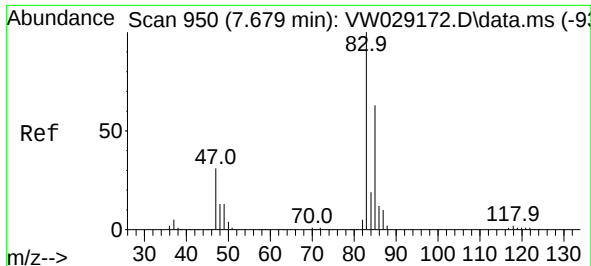
Tgt Ion: 43 Resp: 71389
Ion Ratio Lower Upper
43 100
72 25.3 11.9 35.7



#23
Bromochloromethane
Concen: 21.394 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

Tgt Ion:128 Resp: 54159
Ion Ratio Lower Upper
128 100
49 215.6 142.6 264.8
130 122.6 79.7 148.1
51 66.1 52.3 78.5





#25

Chloroform

Concen: 21.632 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

Instrument :

MSVOA_W

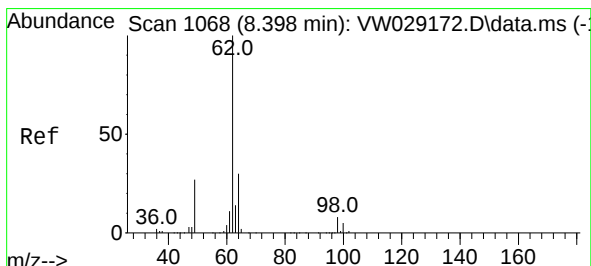
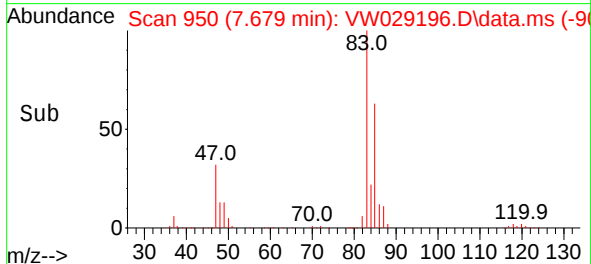
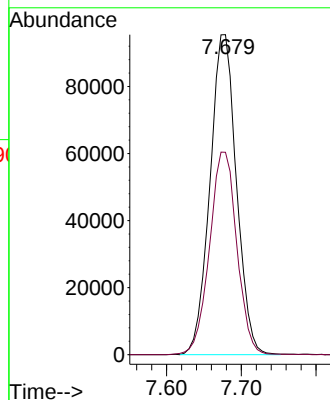
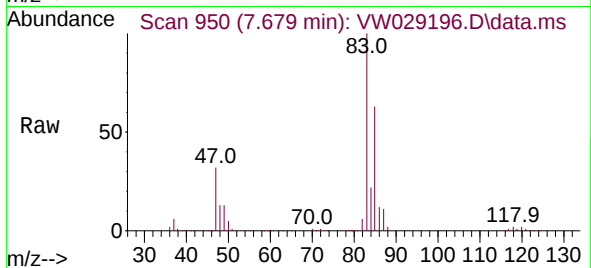
ClientSampleId :

Tgt Ion: 83 Resp: 235264

Ion Ratio Lower Upper

83 100

85 63.3 44.4 82.4



#27

1,2-Dichloroethane

Concen: 21.364 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029196.D

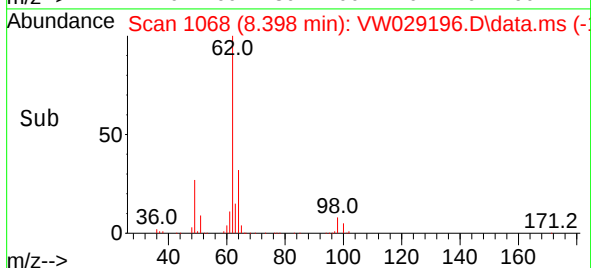
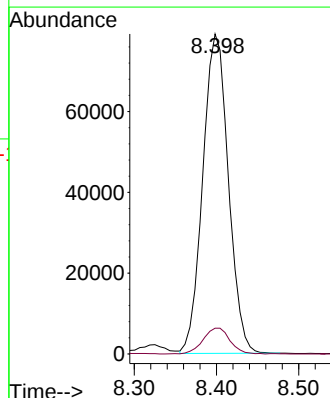
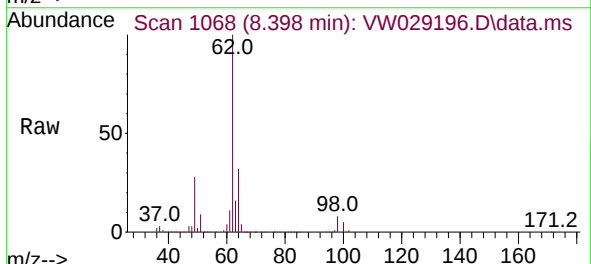
Acq: 18 Jun 2024 22:25

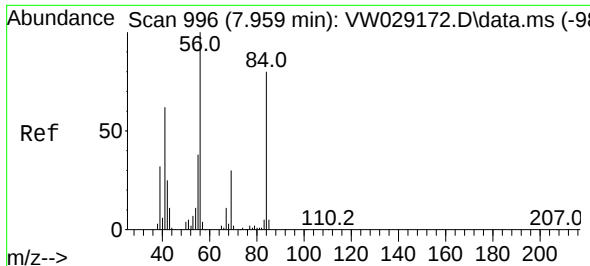
Tgt Ion: 62 Resp: 171360

Ion Ratio Lower Upper

62 100

98 8.1 6.6 10.0





#29

Cyclohexane

Concen: 22.404 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

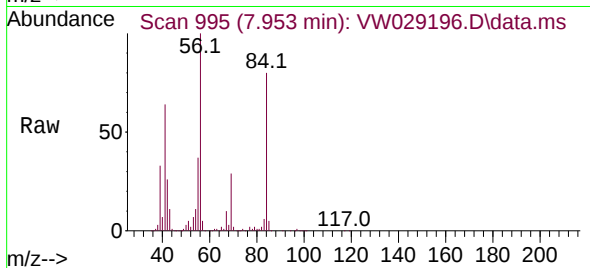
Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

Instrument :

MSVOA_W

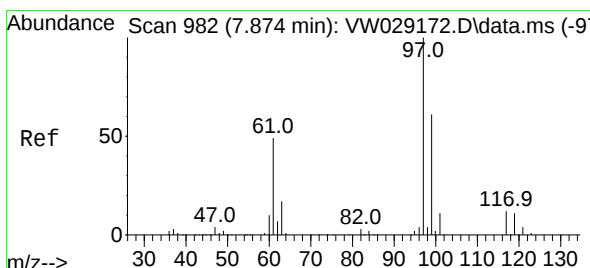
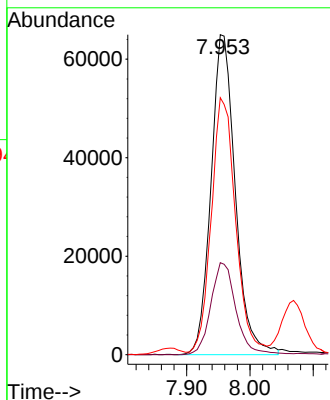
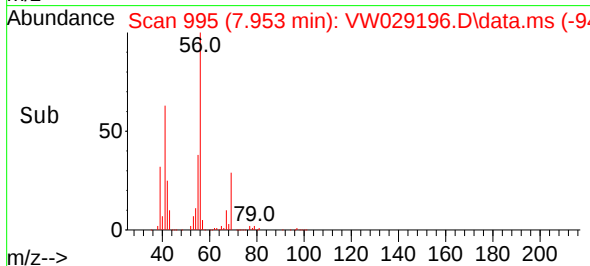
ClientSampleId :



Tgt Ion: 56 Resp: 173311

Ion Ratio Lower Upper

56	100		
69	29.7	23.4	35.0
84	79.7	64.5	96.7



#30

1,1,1-Trichloroethane

Concen: 23.725 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

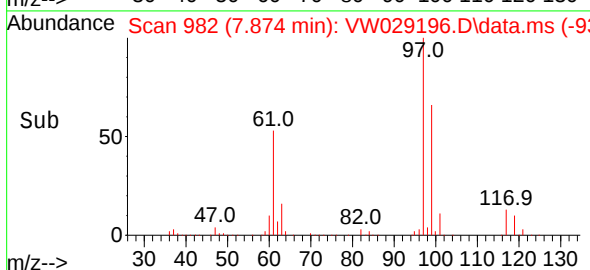
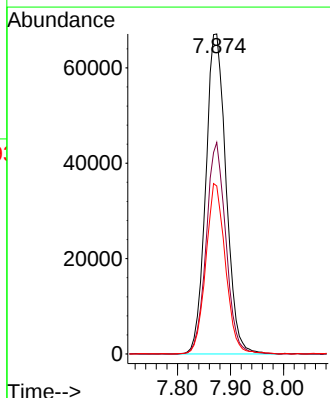
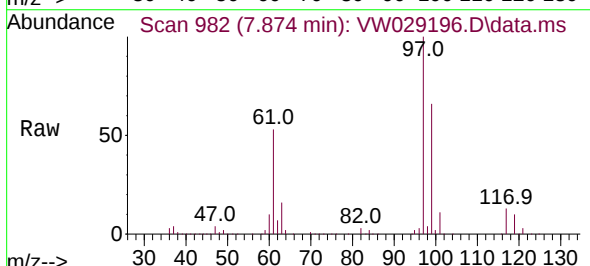
Lab File: VW029196.D

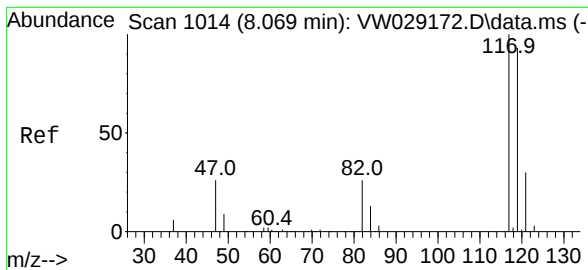
Acq: 18 Jun 2024 22:25

Tgt Ion: 97 Resp: 178518

Ion Ratio Lower Upper

97	100		
99	63.8	53.0	79.4
61	51.4	43.0	64.4

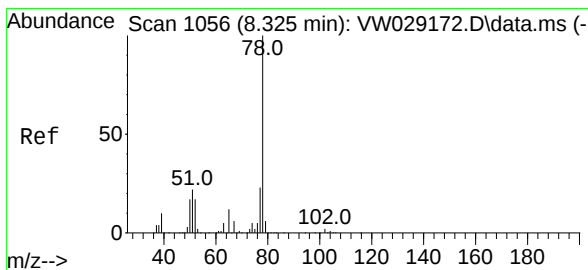
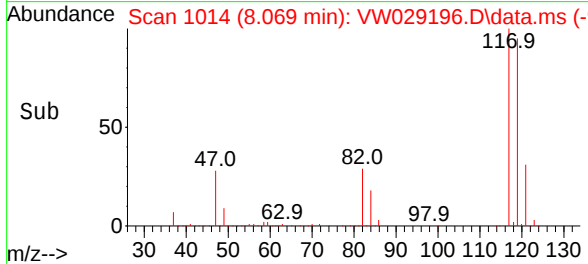
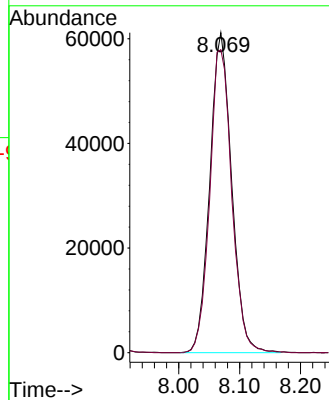
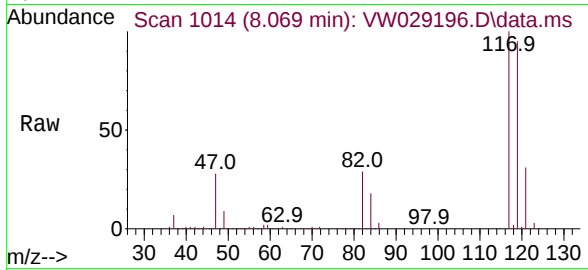




#31
Carbon tetrachloride
Concen: 22.178 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

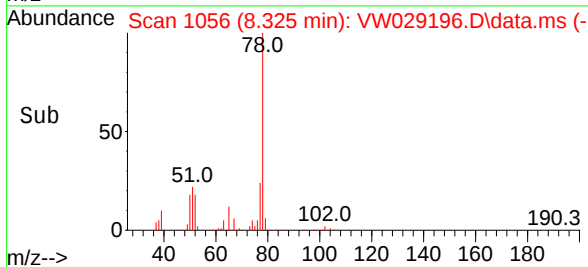
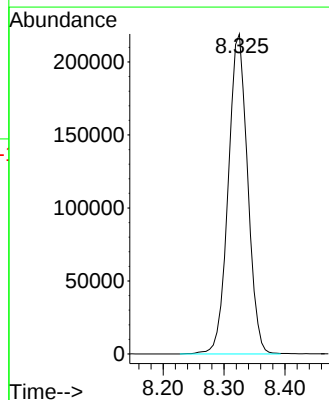
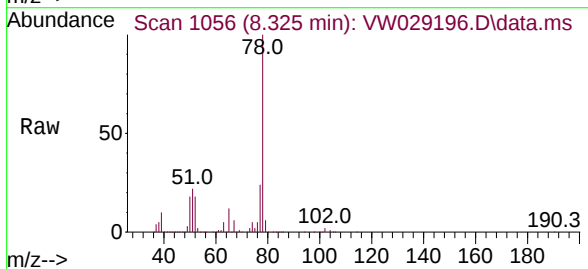
Instrument :
MSVOA_W
ClientSampleId :

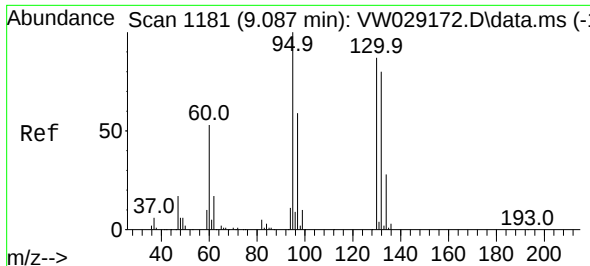
Tgt Ion:117 Resp: 152446
Ion Ratio Lower Upper
117 100
119 95.4 79.0 118.4



#33
Benzene
Concen: 23.807 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

Tgt Ion: 78 Resp: 484045





#34

Trichloroethene

Concen: 21.988 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 119272

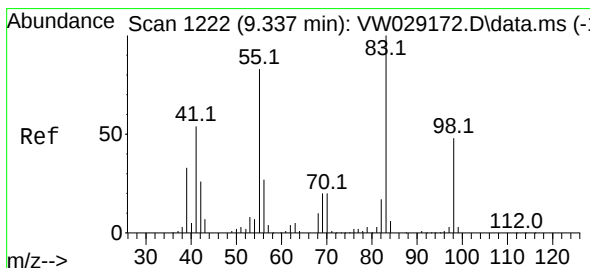
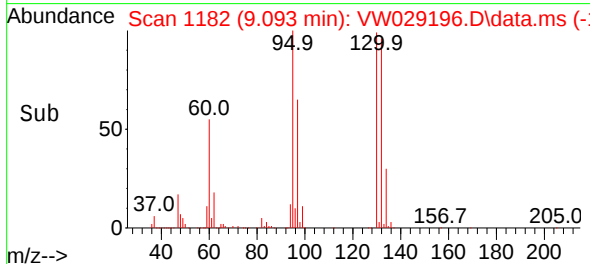
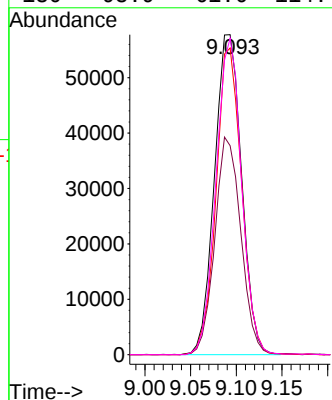
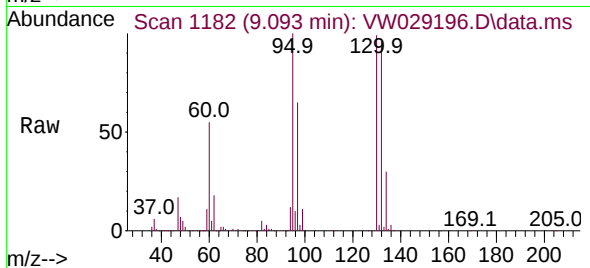
Ion Ratio Lower Upper

95 100

97 65.3 45.7 84.9

132 95.9 66.4 123.4

130 98.9 61.6 114.4



#35

Methylcyclohexane

Concen: 18.632 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

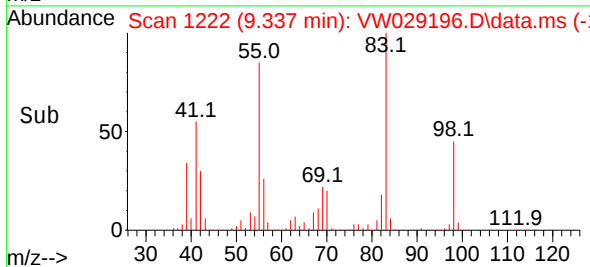
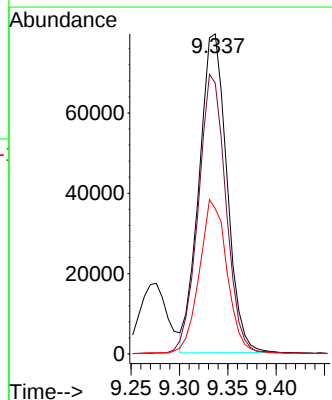
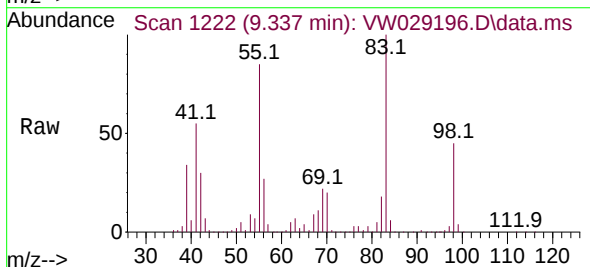
Tgt Ion: 83 Resp: 158942

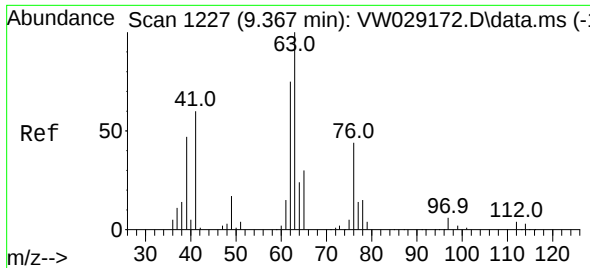
Ion Ratio Lower Upper

83 100

55 87.4 69.5 104.3

98 48.6 38.0 57.0





#37

1,2-Dichloropropane

Concen: 24.228 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

Instrument :

MSVOA_W

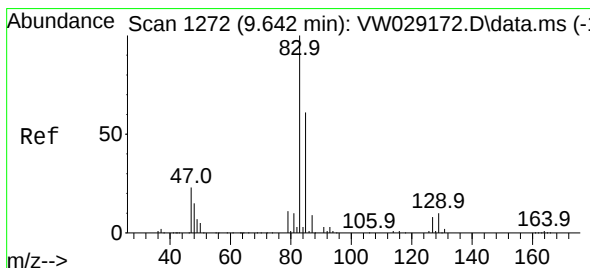
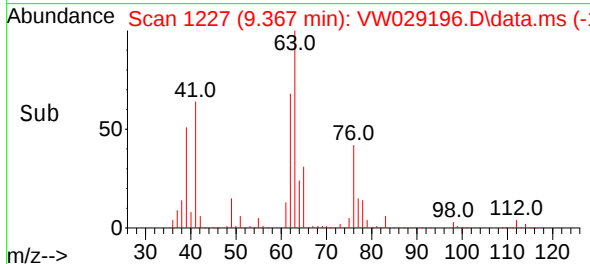
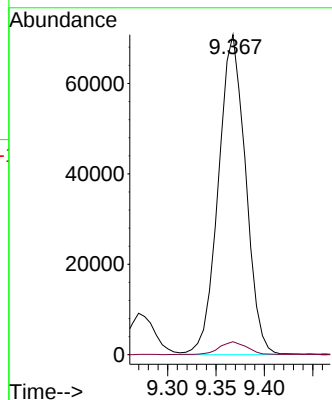
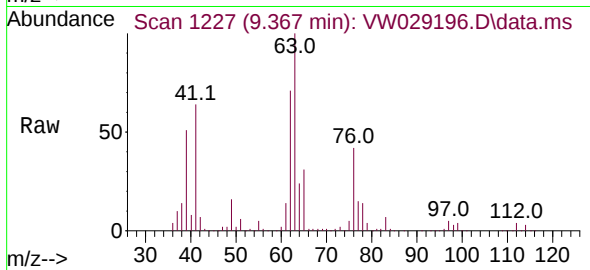
ClientSampleId :

Tgt Ion: 63 Resp: 138418

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.6



#38

Bromodichloromethane

Concen: 23.576 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

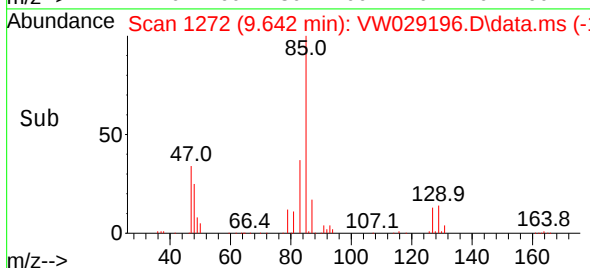
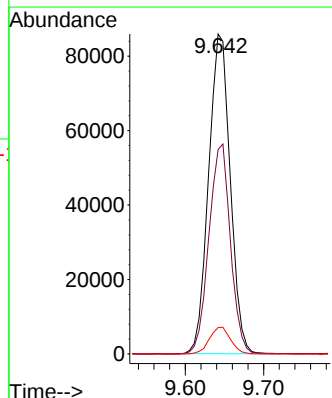
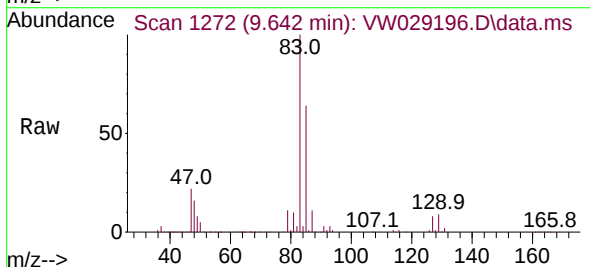
Tgt Ion: 83 Resp: 164682

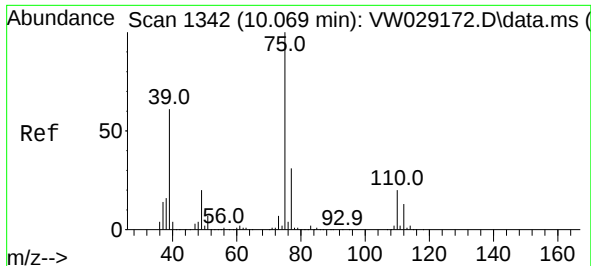
Ion Ratio Lower Upper

83 100

85 63.9 45.1 83.9

127 8.3 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 16.469 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

Instrument :

MSVOA_W

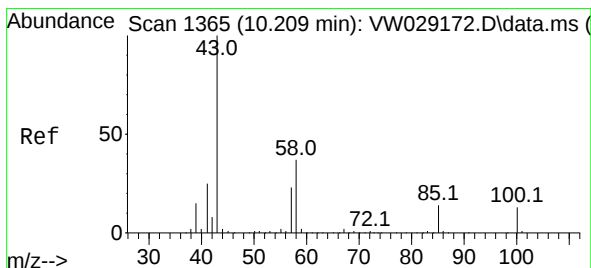
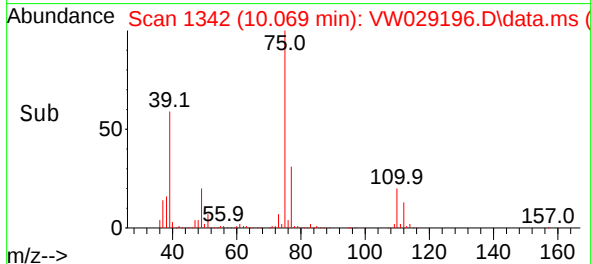
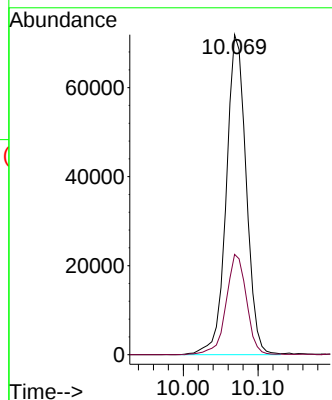
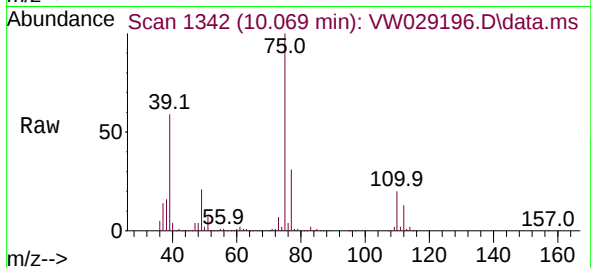
ClientSampleId :

Tgt Ion: 75 Resp: 133004

Ion Ratio Lower Upper

75 100

77 31.3 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 45.712 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

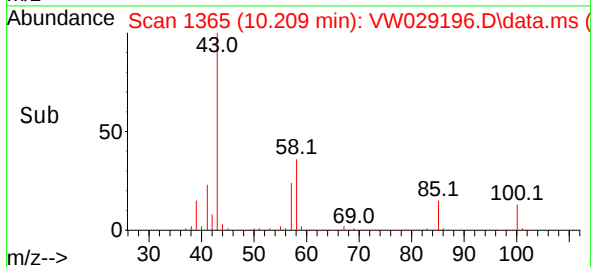
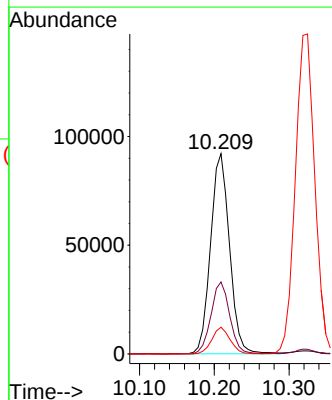
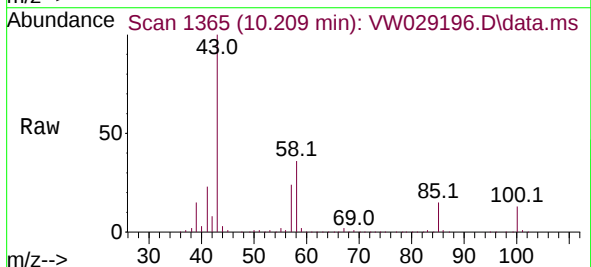
Tgt Ion: 43 Resp: 161865

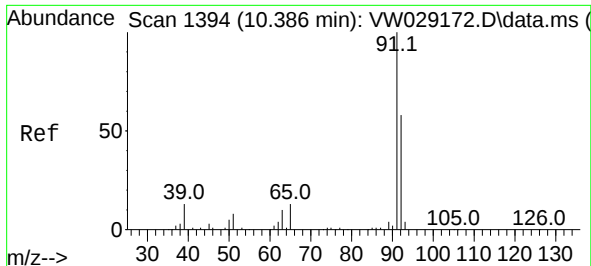
Ion Ratio Lower Upper

43 100

58 35.7 28.2 42.4

100 13.0 11.0 16.4

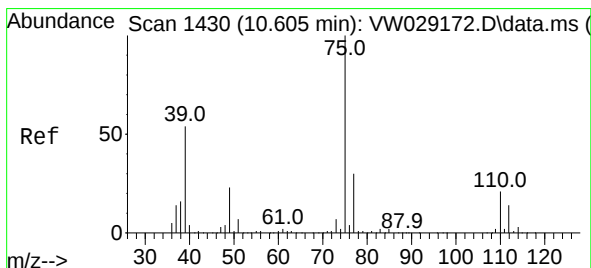
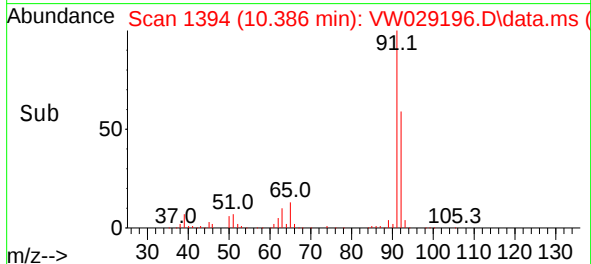
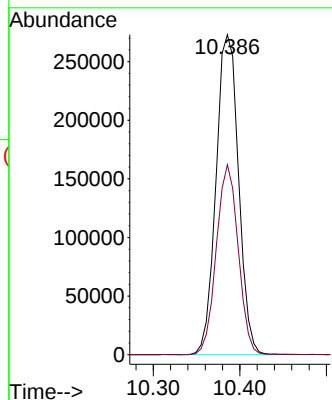
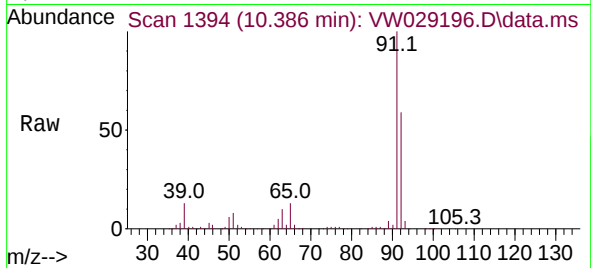




#42
Toluene
Concen: 23.577 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

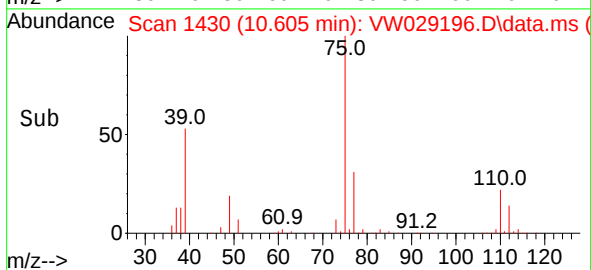
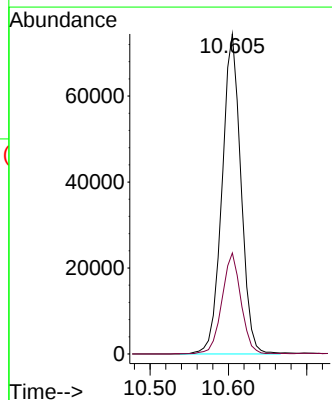
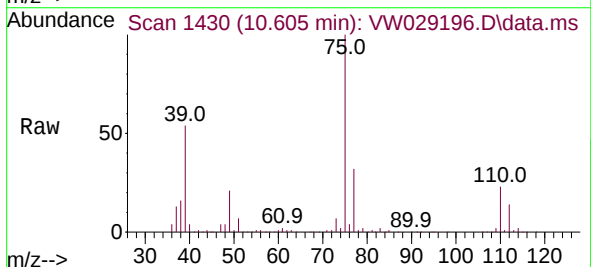
Instrument :
MSVOA_W
ClientSampleId :

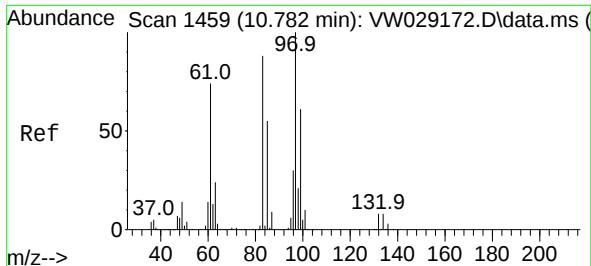
Tgt Ion: 91 Resp: 492788
Ion Ratio Lower Upper
91 100
92 59.4 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 18.306 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

Tgt Ion: 75 Resp: 124830
Ion Ratio Lower Upper
75 100
77 31.6 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 24.334 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 96823

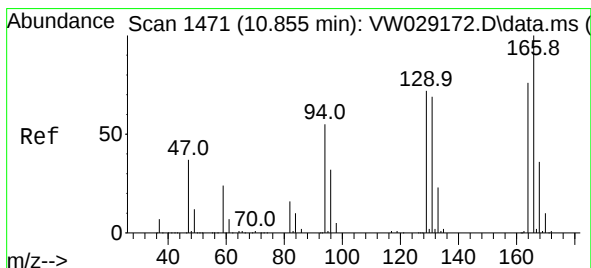
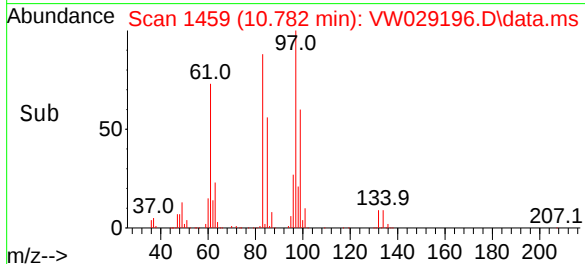
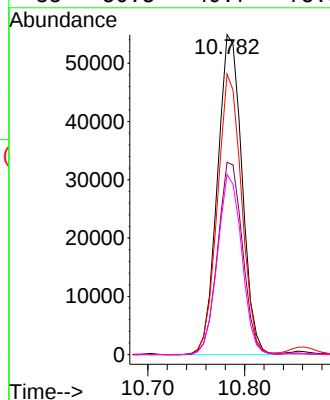
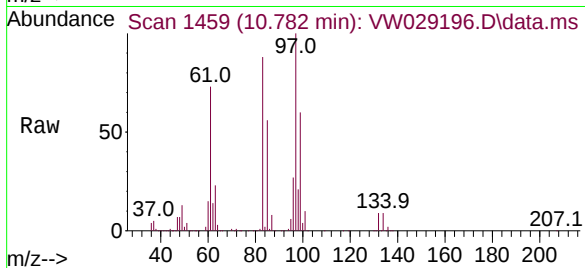
Ion Ratio Lower Upper

97 100

99 60.2 42.3 78.5

83 87.7 57.7 107.1

85 56.3 40.7 75.5



#46

Tetrachloroethene

Concen: 20.871 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

Tgt Ion:164 Resp: 79140

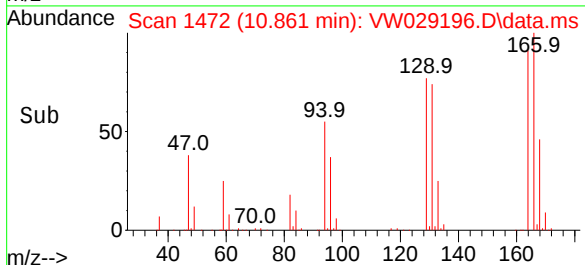
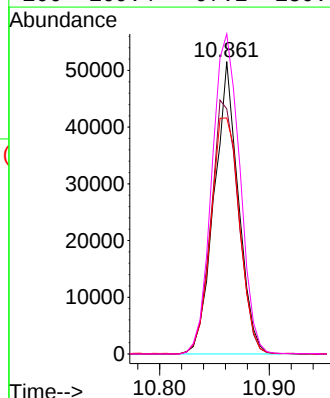
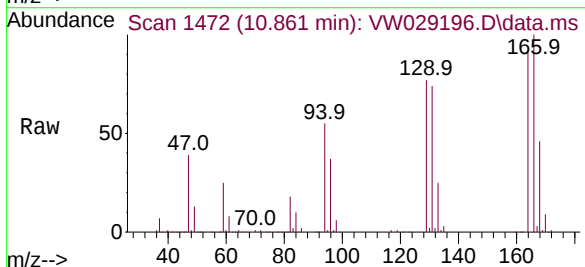
Ion Ratio Lower Upper

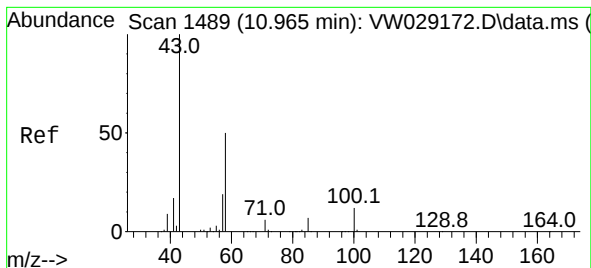
164 100

129 83.8 68.5 127.3

131 80.7 71.8 133.4

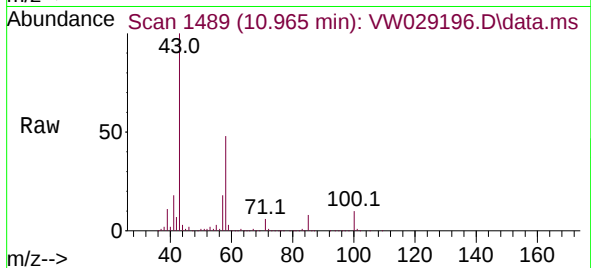
166 109.4 97.2 180.4



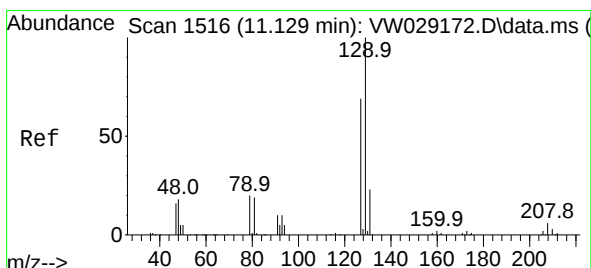
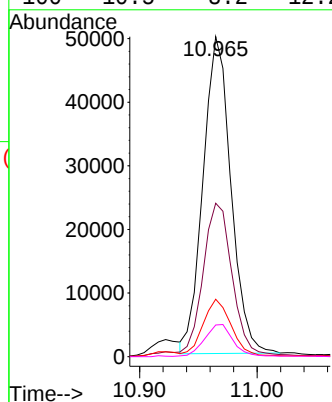
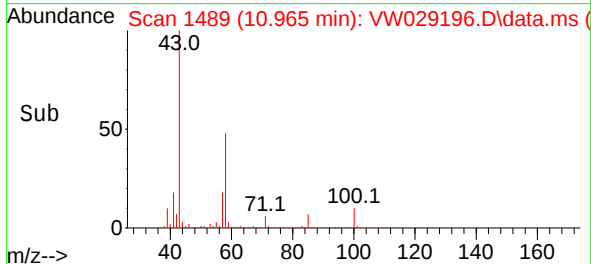


#48
2-Hexanone
Concen: 32.729 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

Instrument :
MSVOA_W
ClientSampleId :

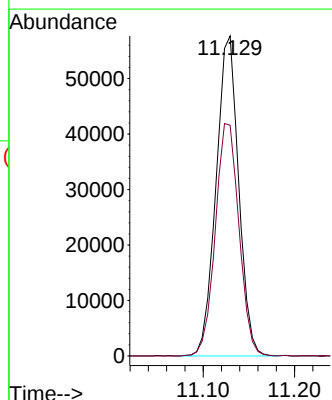
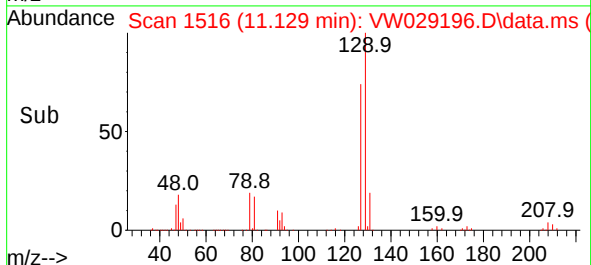
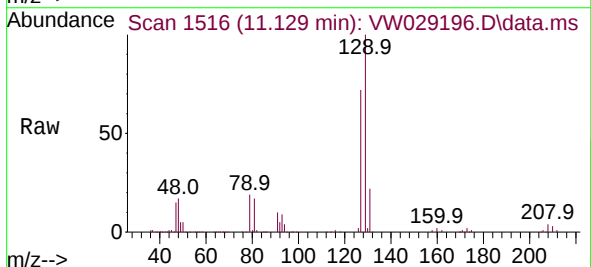


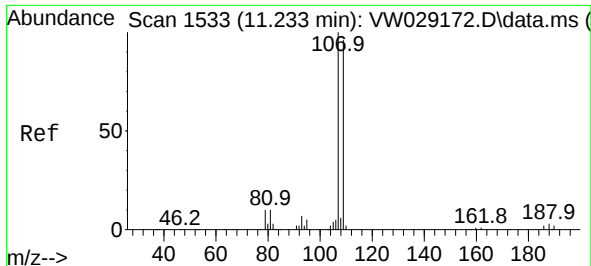
Tgt Ion: 43 Resp: 82236
Ion Ratio Lower Upper
43 100
58 51.6 39.6 59.4
57 18.4 14.6 21.8
100 10.5 8.2 12.2



#49
Dibromochloromethane
Concen: 23.803 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

Tgt Ion:129 Resp: 99004
Ion Ratio Lower Upper
129 100
127 72.1 54.8 101.8





#50

1,2-Dibromoethane

Concen: 22.389 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029196.D

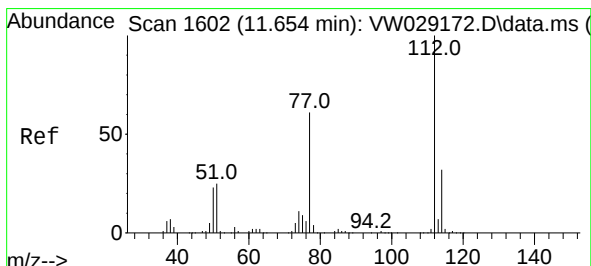
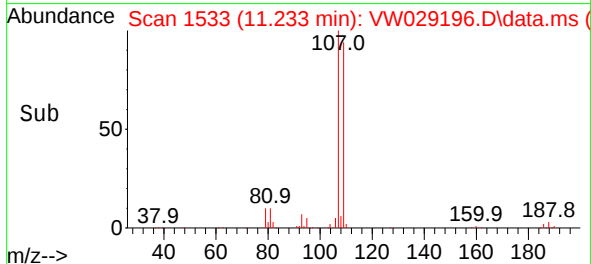
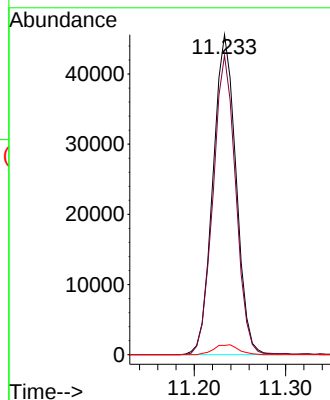
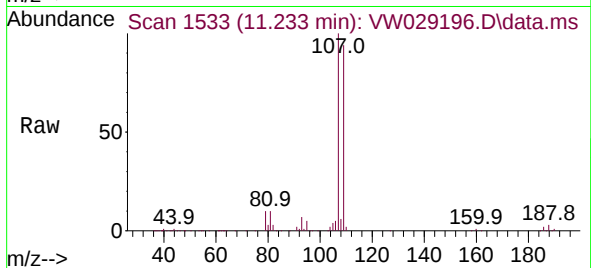
Acq: 18 Jun 2024 22:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	79967
Ion	Ratio	Lower	Upper
107	100		
109	93.5	65.5	121.6
188	2.9	2.6	4.0



#51

Chlorobenzene

Concen: 21.704 ug/L

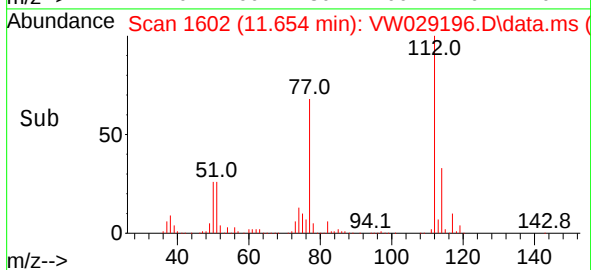
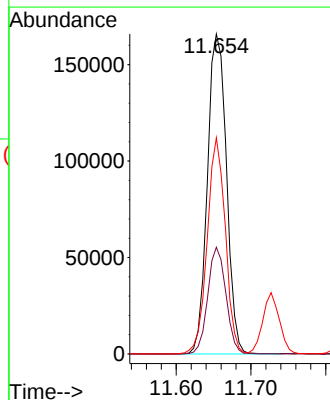
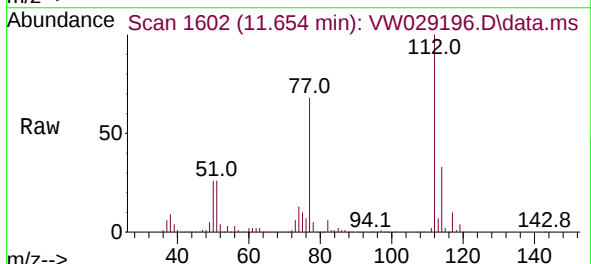
RT: 11.654 min Scan# 1602

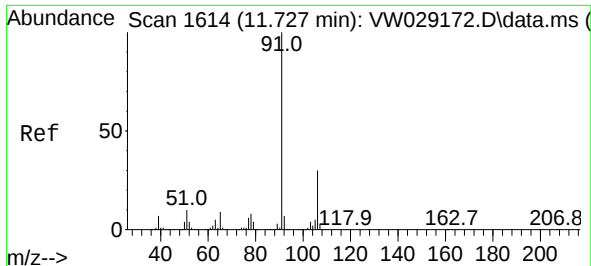
Delta R.T. -0.000 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

Tgt Ion:	112	Resp:	294592
Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.6	42.0
77	67.6	51.0	76.6





#52

Ethylbenzene

Concen: 22.375 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

Instrument :

MSVOA_W

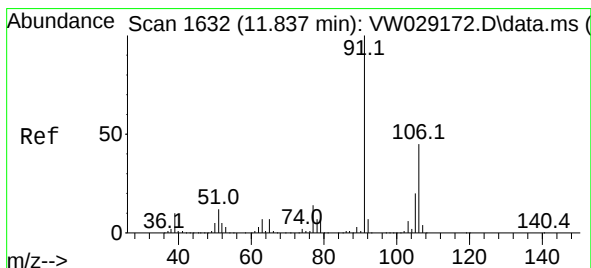
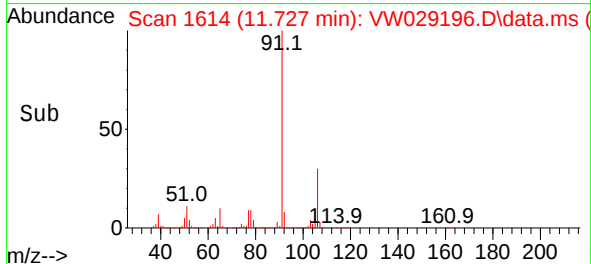
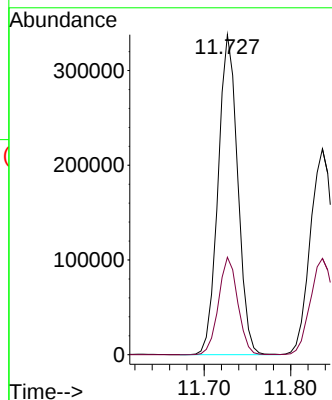
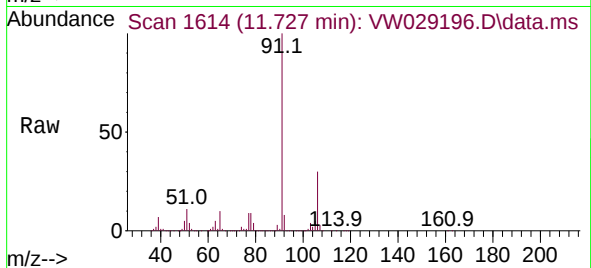
ClientSampleId :

Tgt Ion: 91 Resp: 530874

Ion Ratio Lower Upper

91 100

106 30.5 19.9 37.0



#53

m,p-Xylene

Concen: 21.979 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029196.D

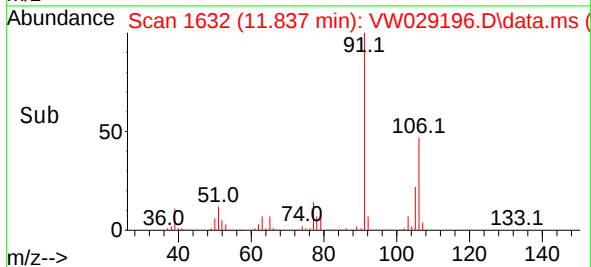
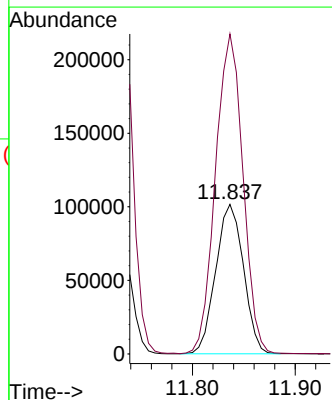
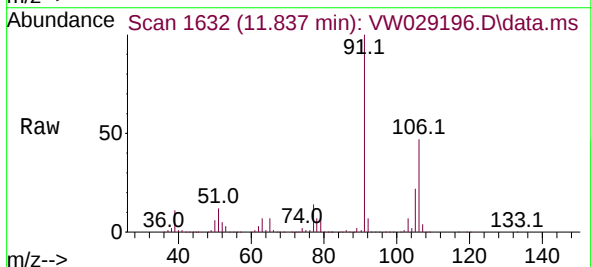
Acq: 18 Jun 2024 22:25

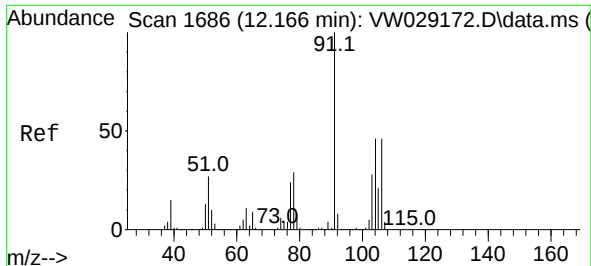
Tgt Ion:106 Resp: 190477

Ion Ratio Lower Upper

106 100

91 213.8 140.5 260.9

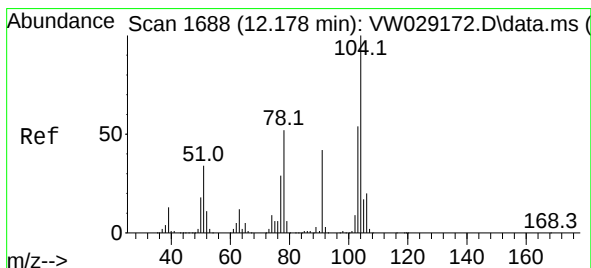
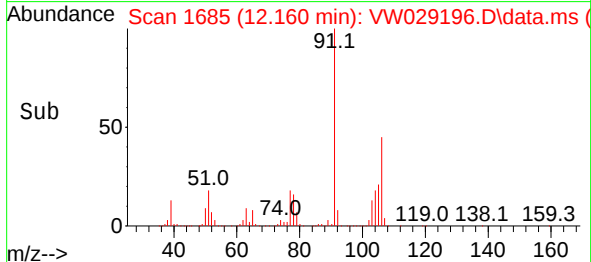
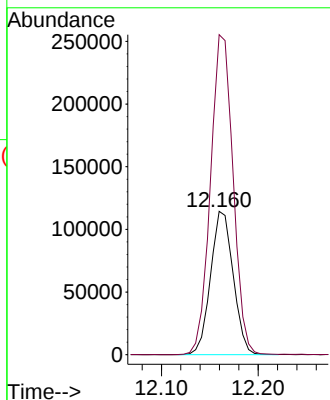
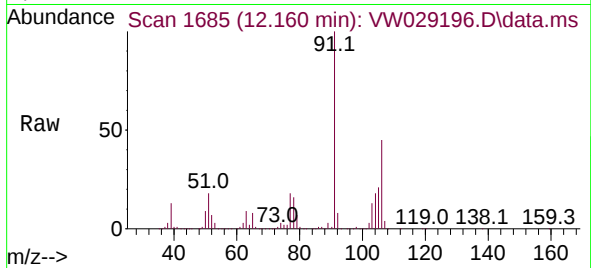




#54
o-Xylene
Concen: 22.983 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

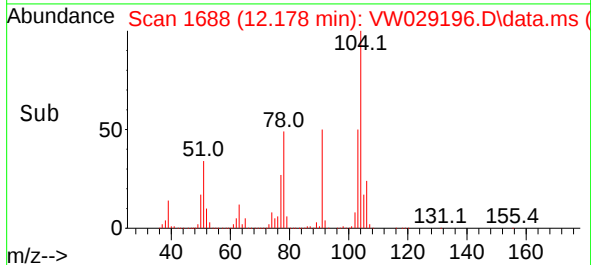
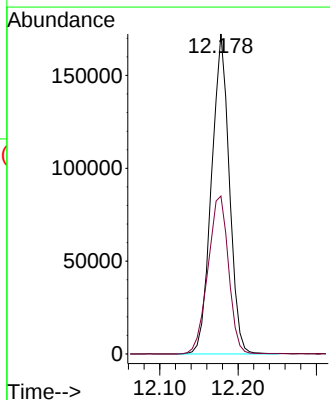
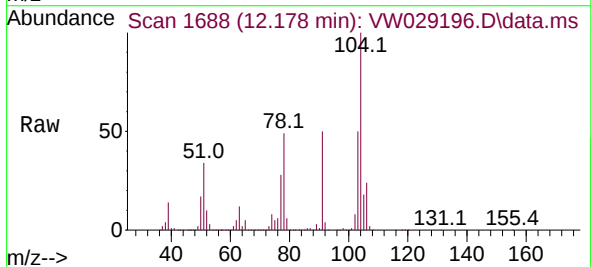
Instrument :
MSVOA_W
ClientSampleId :

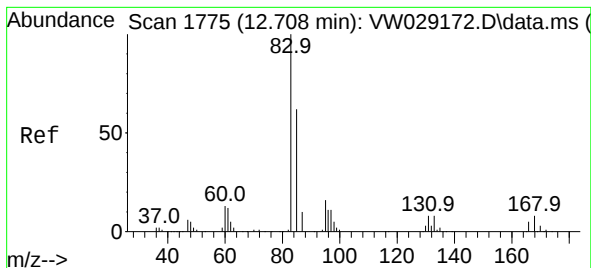
Tgt Ion:106 Resp: 186149
Ion Ratio Lower Upper
106 100
91 223.3 149.9 278.5



#55
Styrene
Concen: 19.284 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

Tgt Ion:104 Resp: 272333
Ion Ratio Lower Upper
104 100
78 49.4 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 22.720 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

Instrument :

MSVOA_W

ClientSampleId :

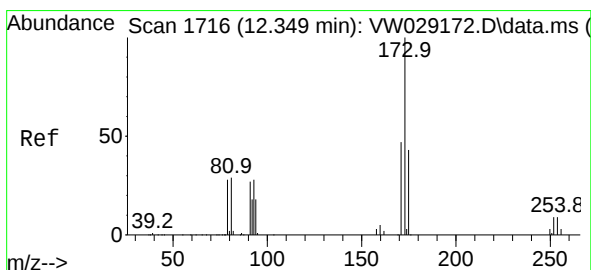
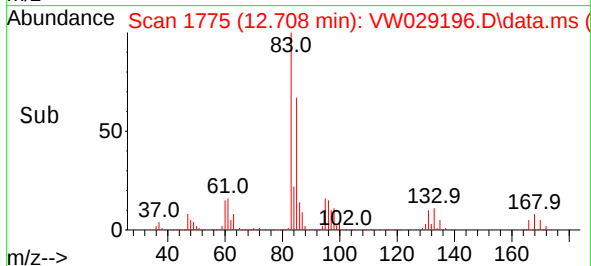
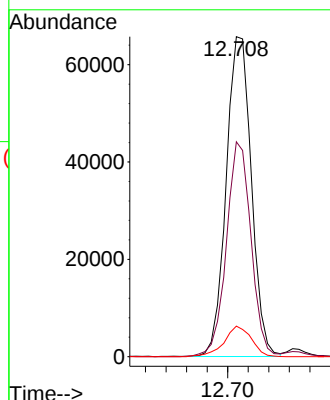
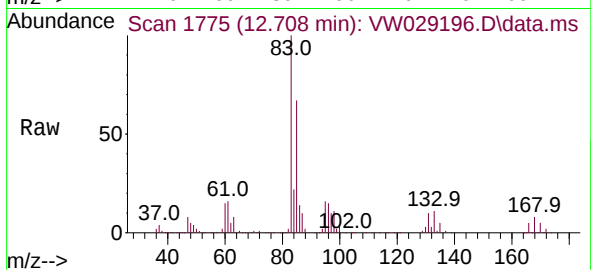
Tgt Ion: 83 Resp: 111825

Ion Ratio Lower Upper

83 100

85 67.1 45.8 85.0

131 9.6 7.8 11.6



#59

Bromoform

Concen: 26.938 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

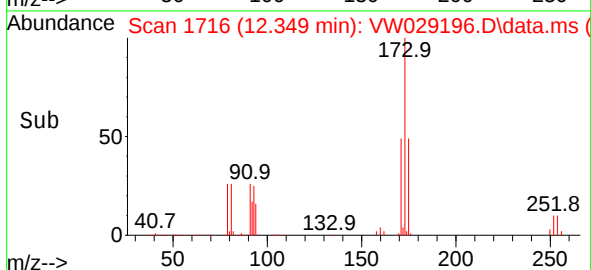
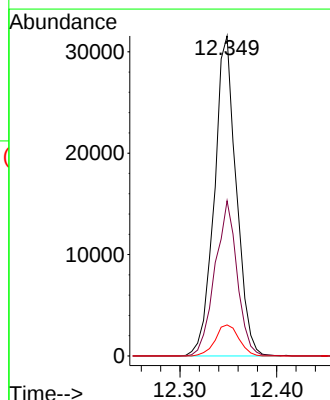
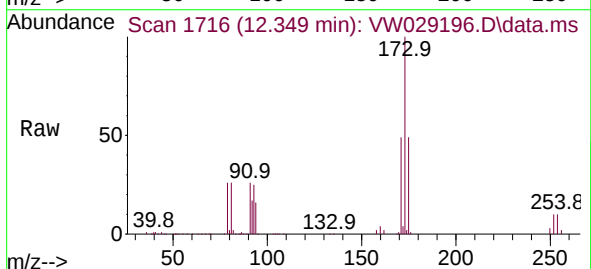
Tgt Ion:173 Resp: 49642

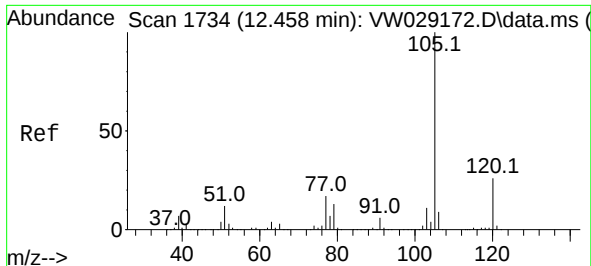
Ion Ratio Lower Upper

173 100

175 49.0 37.8 56.8

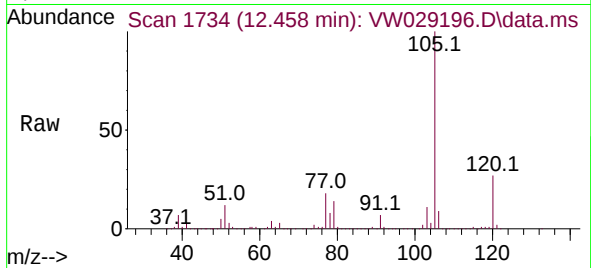
254 10.5 7.8 11.6



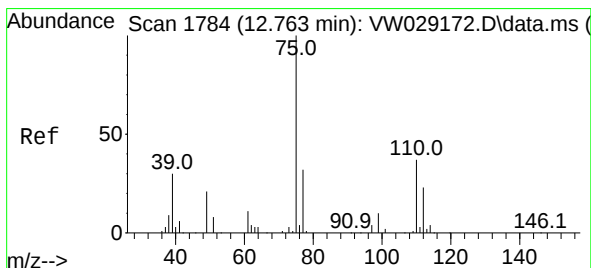
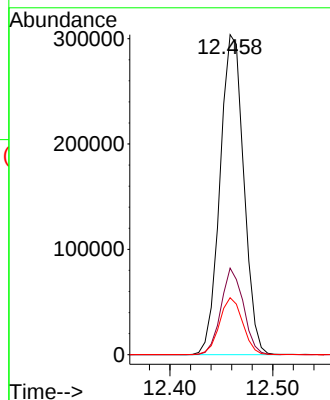
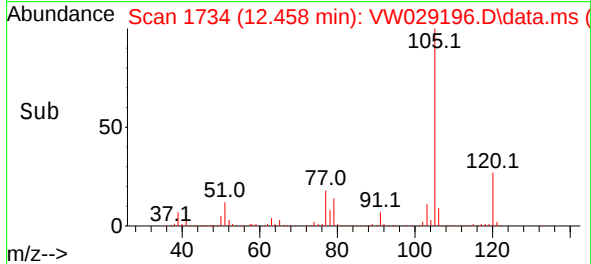


#60
Isopropylbenzene
Concen: 27.168 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

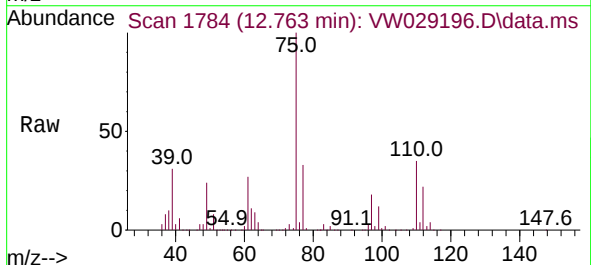
Instrument :
MSVOA_W
ClientSampleId :



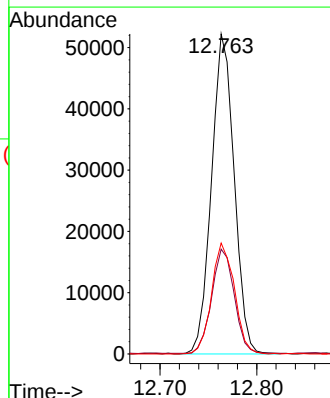
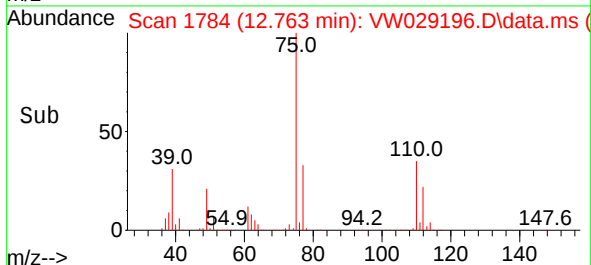
Tgt Ion:105 Resp: 486730
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 17.4 13.6 20.4

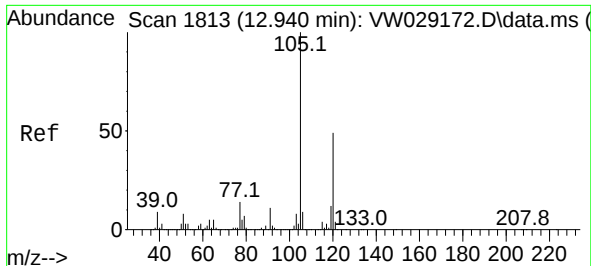


#61
1,2,3-Trichloropropane
Concen: 29.023 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25



Tgt Ion: 75 Resp: 85117
Ion Ratio Lower Upper
75 100
77 32.6 26.6 39.8
110 35.0 29.5 44.3

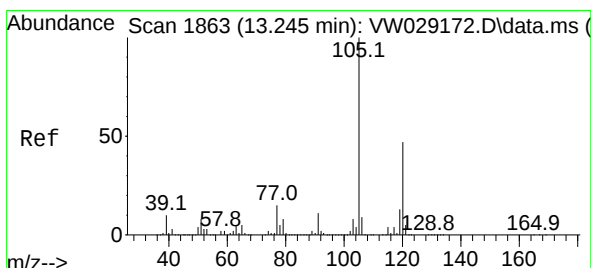
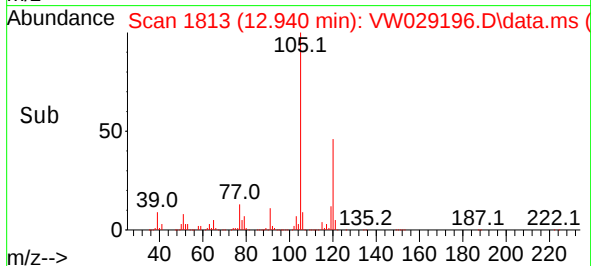
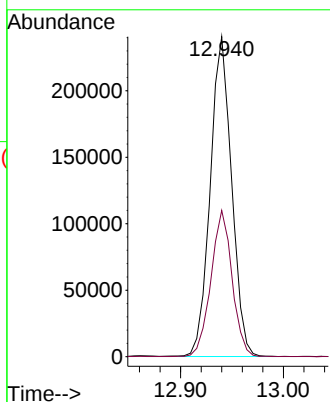
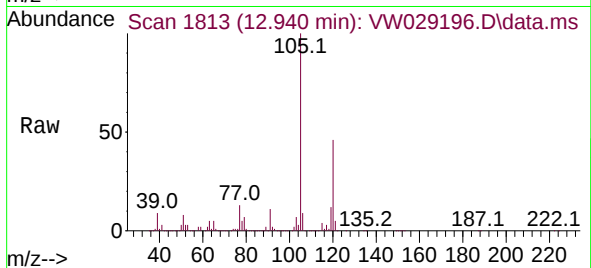




#62
1,3,5-Trimethylbenzene
Concen: 26.731 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

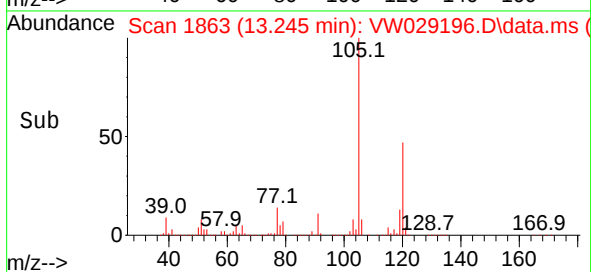
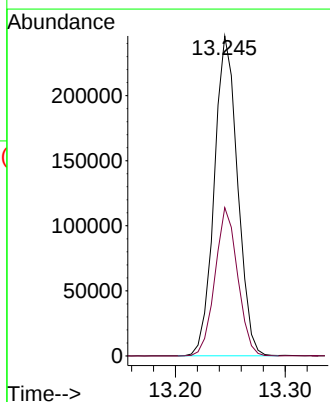
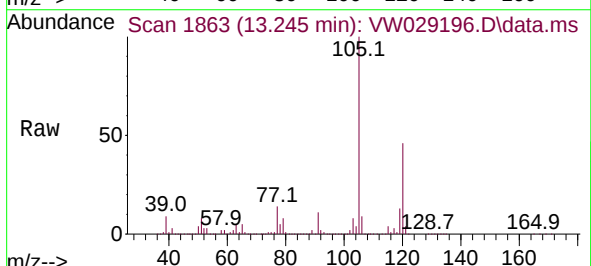
Instrument :
MSVOA_W
ClientSampleId :

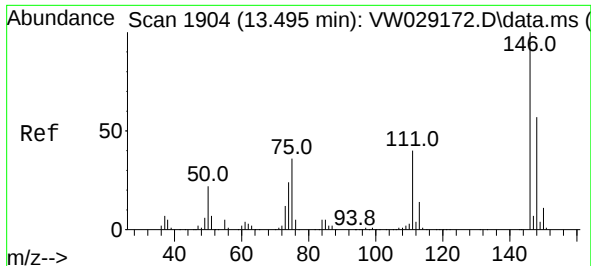
Tgt Ion:105 Resp: 346833
Ion Ratio Lower Upper
105 100
120 45.2 36.4 54.6



#63
1,2,4-Trimethylbenzene
Concen: 26.037 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

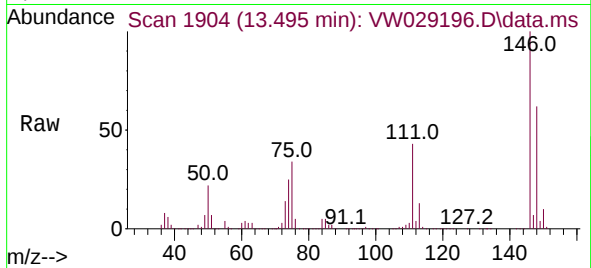
Tgt Ion:105 Resp: 363487
Ion Ratio Lower Upper
105 100
120 45.0 34.9 52.3



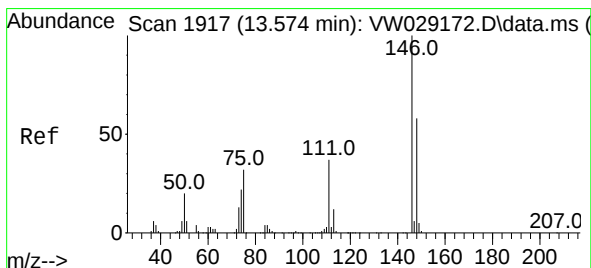
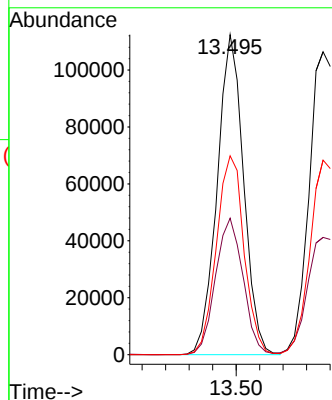
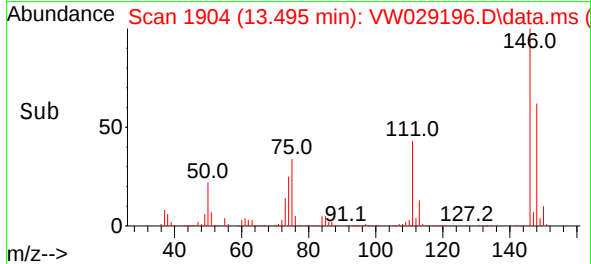


#64
1,3-Dichlorobenzene
Concen: 22.688 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

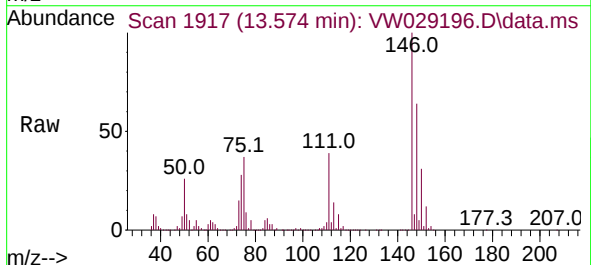
Instrument :
MSVOA_W
ClientSampleId :



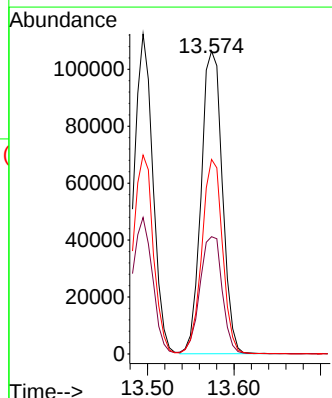
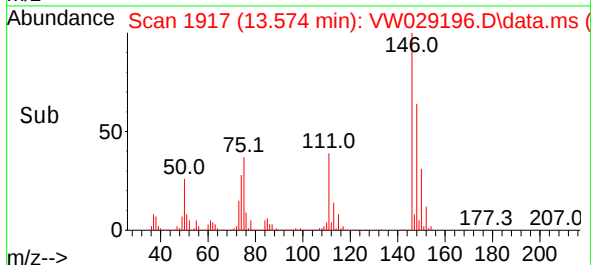
Tgt Ion:146 Resp: 175903
Ion Ratio Lower Upper
146 100
111 42.6 33.0 61.2
148 62.2 47.5 88.1

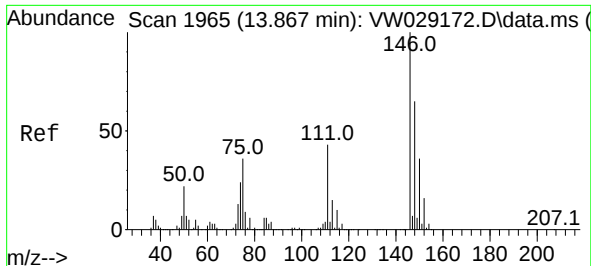


#65
1,4-Dichlorobenzene
Concen: 21.888 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25



Tgt Ion:146 Resp: 180552
Ion Ratio Lower Upper
146 100
111 38.7 28.9 53.7
148 64.2 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 21.887 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

Instrument :

MSVOA_W

ClientSampleId :

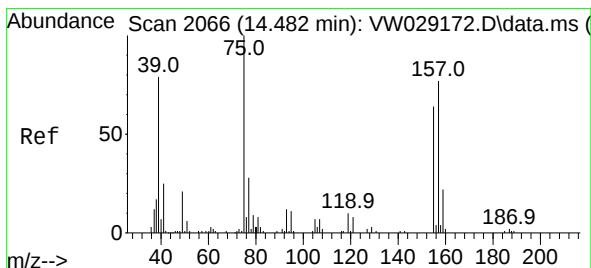
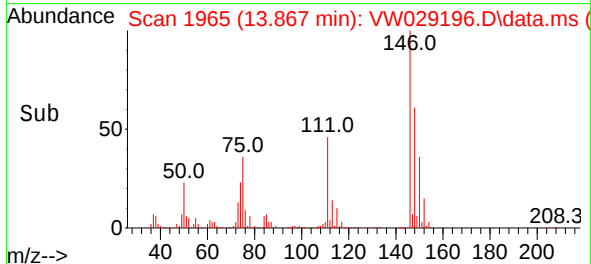
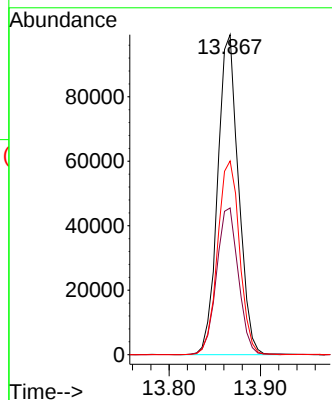
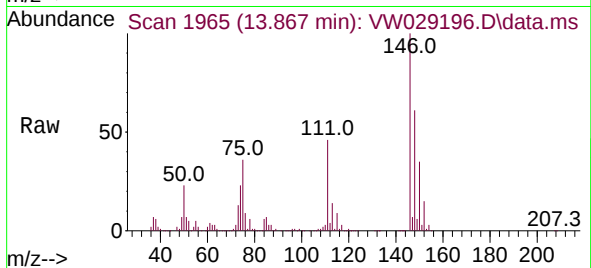
Tgt Ion:146 Resp: 156874

Ion Ratio Lower Upper

146 100

111 45.8 34.2 51.4

148 60.5 46.3 69.5



#68

1,2-Dibromo-3-chloropropane

Concen: 25.832 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

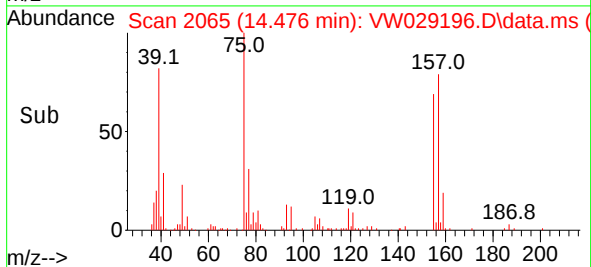
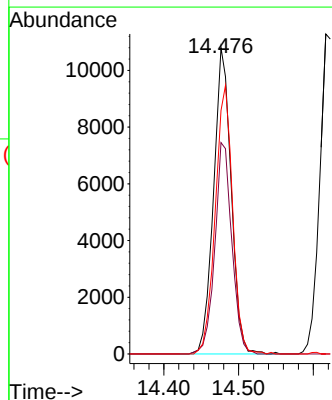
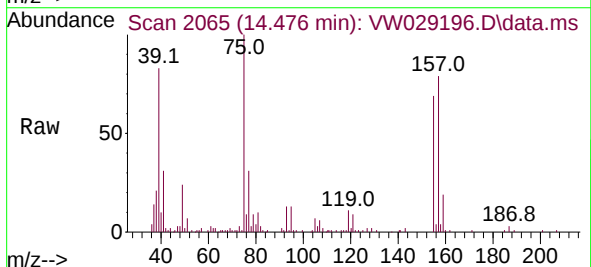
Tgt Ion: 75 Resp: 17679

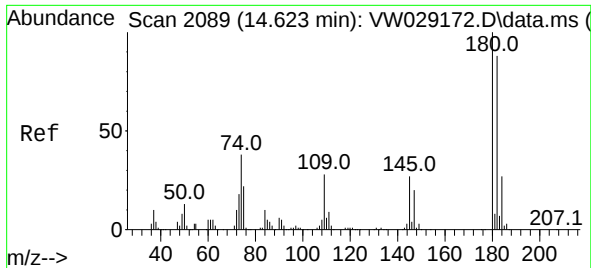
Ion Ratio Lower Upper

75 100

155 69.0 51.0 76.6

157 79.4 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 15.894 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

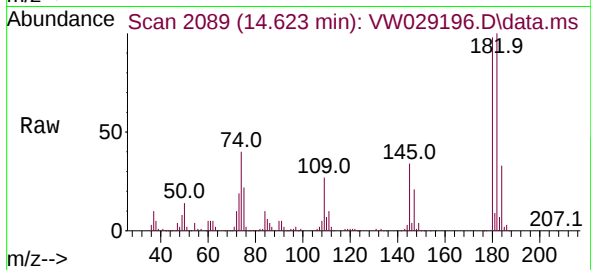
Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 83164

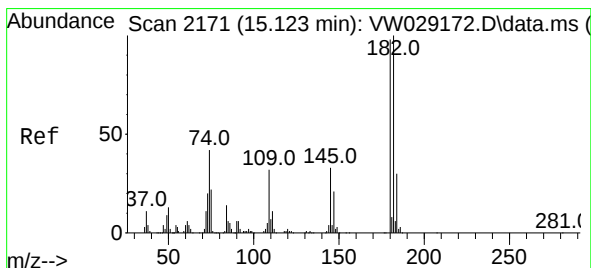
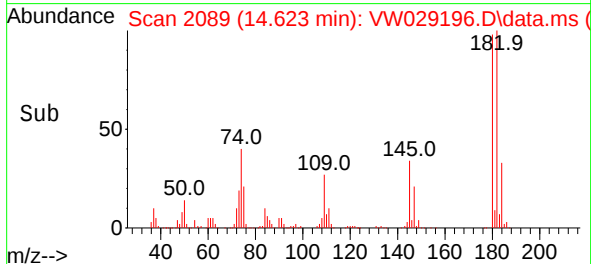
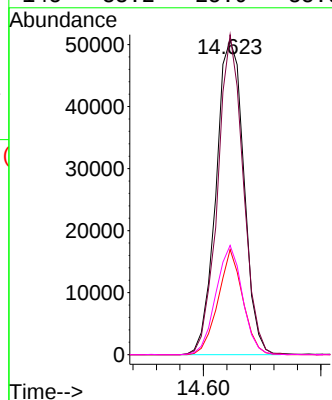
Ion Ratio Lower Upper

180 100

182 93.7 72.9 109.3

184 29.7 23.8 35.6

145 33.2 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 14.405 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029196.D

Acq: 18 Jun 2024 22:25

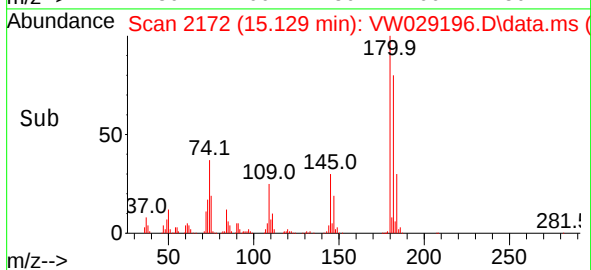
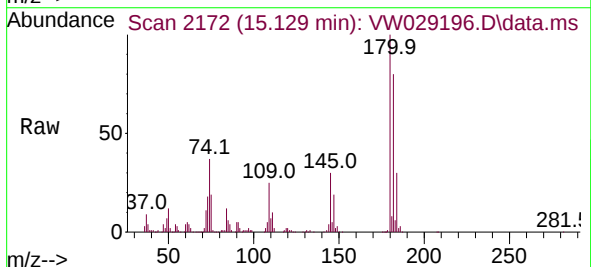
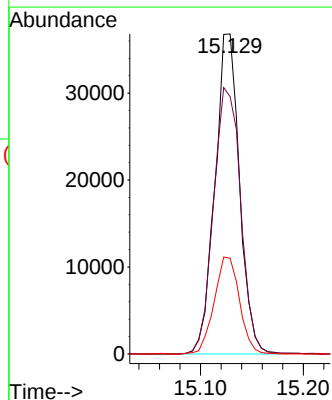
Tgt Ion:180 Resp: 61100

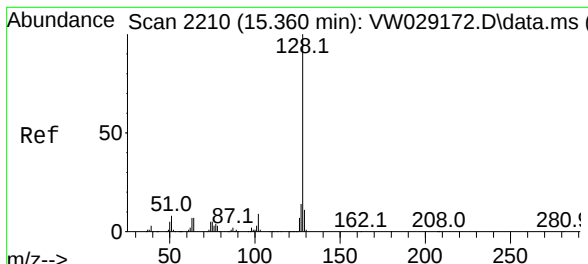
Ion Ratio Lower Upper

180 100

182 92.1 77.7 116.5

145 31.2 25.7 38.5



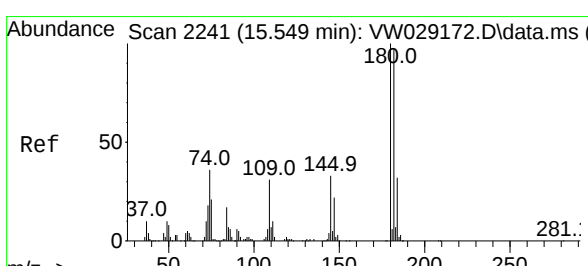
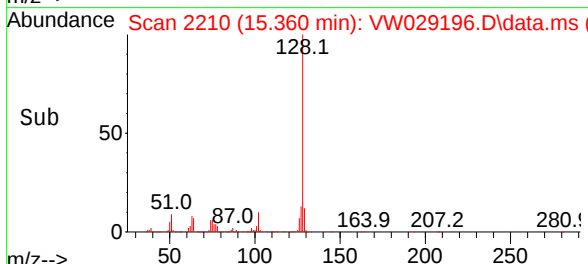
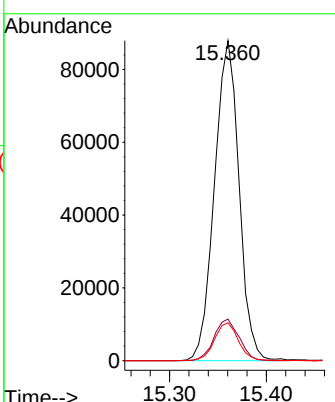
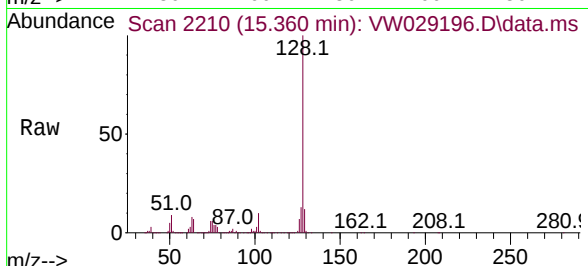


#71
Naphthalene
Concen: 18.479 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 154702

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.6	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 13.070 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW029196.D
Acq: 18 Jun 2024 22:25

Tgt Ion:180 Resp: 50515

Ion	Ratio	Lower	Upper
180	100		
182	90.3	73.0	109.6
145	34.9	28.1	42.1

