

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071024\
 Data File : VW029514.D
 Acq On : 10 Jul 2024 18:14
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 11 02:19:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 11 02:12:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	265573	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	242044	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	122823	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	84131	19.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.440%
7) Chloroethane-d5	2.899	69	64701	20.945	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.760%
11) 1,1-Dichloroethene-d2	4.021	65	40759	21.157	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.640%
21) 2-Butanone-d5	7.075	46	48549	37.698	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.400%
24) Chloroform-d	7.648	84	177284	23.091	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.360%
26) 1,2-Dichloroethane-d4	8.307	65	100807	22.386	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.560%
32) Benzene-d6	8.276	84	342361	23.611	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.440%
36) 1,2-Dichloropropane-d6	9.276	67	109604	23.641	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.560%
41) Toluene-d8	10.324	98	302628	23.732	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.920%
43) trans-1,3-Dichloroprop...	10.574	79	41825	21.304	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.200%
47) 2-Hexanone-d5	10.922	63	34159	40.548	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	79948	21.240	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	95036	22.218	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	50537	19.433	ug/L	92
3) Chloromethane	2.222	50	77543	22.286	ug/L	98
5) Vinyl chloride	2.375	62	90706	22.844	ug/L	95
6) Bromomethane	2.789	94	56708	24.120	ug/L	92
8) Chloroethane	2.936	64	59296	24.269	ug/L	98
9) Trichlorofluoromethane	3.265	101	84038	23.512	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	86833	24.686	ug/L	95
12) 1,1-Dichloroethene	4.045	96	79959	24.210	ug/L	90
13) Acetone	4.118	43	48395	37.231	ug/L	96
14) Carbon disulfide	4.399	76	255505	23.822	ug/L	98
15) Methyl Acetate	4.667	43	50380	22.076	ug/L	99
16) Methylene chloride	4.923	84	114993	24.186	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	91659	25.070	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	155492	24.996	ug/L	100
19) 1,1-Dichloroethane	6.215	63	194864	25.953	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	103216	25.817	ug/L	98
22) 2-Butanone	7.166	43	67184	39.371	ug/L	100
23) Bromochloromethane	7.520	128	45003	25.026	ug/L	85
25) Chloroform	7.673	83	190800	26.263	ug/L	97

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Quant Time: Jul 11 02:19:22 2024
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 Quant Title : SFAM01.0
 QLast Update : Thu Jul 11 02:12:03 2024
 Response via : Initial Calibration

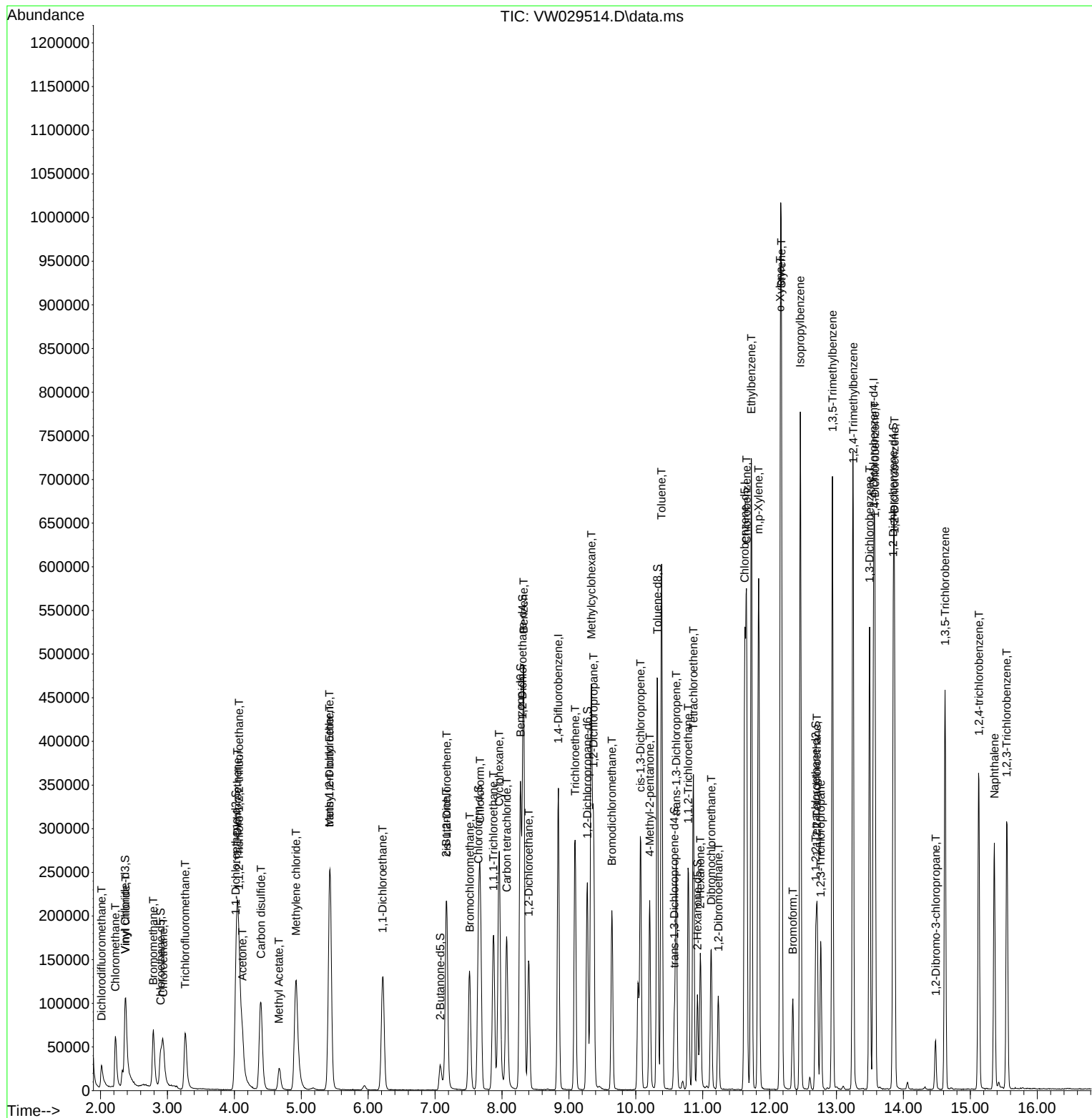
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	137728	25.276	ug/L #	95
29) Cyclohexane	7.959	56	157969	26.210	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	145361	26.299	ug/L	99
31) Carbon tetrachloride	8.069	117	131763	26.030	ug/L	99
33) Benzene	8.325	78	412372	27.230	ug/L	100
34) Trichloroethene	9.093	95	104312	26.084	ug/L	88
35) Methylcyclohexane	9.337	83	173804	27.039	ug/L	98
37) 1,2-Dichloropropane	9.367	63	115231	27.516	ug/L	99
38) Bromodichloromethane	9.642	83	136250	26.637	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	167458	26.624	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	144109	48.828	ug/L	100
42) Toluene	10.385	91	427383	27.586	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	138601	25.710	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	77208	25.636	ug/L	99
46) Tetrachloroethene	10.861	164	74851	26.345	ug/L	80
48) 2-Hexanone	10.965	43	101960	45.984	ug/L	98
49) Dibromochloromethane	11.129	129	81416	25.976	ug/L	93
50) 1,2-Dibromoethane	11.233	107	71272	24.833	ug/L	98
51) Chlorobenzene	11.653	112	262821	26.242	ug/L	99
52) Ethylbenzene	11.727	91	485386	27.653	ug/L	99
53) m,p-Xylene	11.836	106	178126	27.644	ug/L	98
54) o-Xylene	12.160	106	172019	28.863	ug/L	95
55) Styrene	12.178	104	302045	28.822	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	93353	24.573	ug/L	98
59) Bromoform	12.348	173	42935	22.646	ug/L	100
60) Isopropylbenzene	12.458	105	464611	26.885	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	69388	23.343	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	349213	28.408	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	374491	27.603	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	195981	25.300	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	203326	25.621	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	178136	25.440	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	14718	20.711	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.622	180	128773	25.483	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	107639	24.208	ug/L	99
71) Naphthalene	15.360	128	218938	23.459	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	97882	24.229	ug/L	99

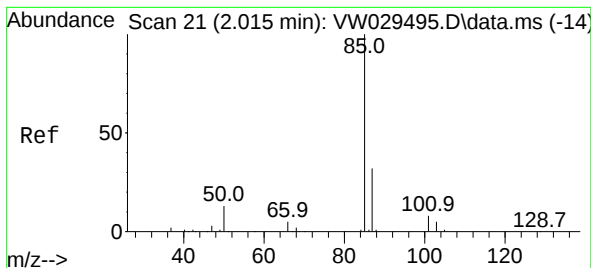
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#2

Dichlorodifluoromethane

Concen: 19.433 ug/L

RT: 2.015 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Instrument :

MSVOA_W

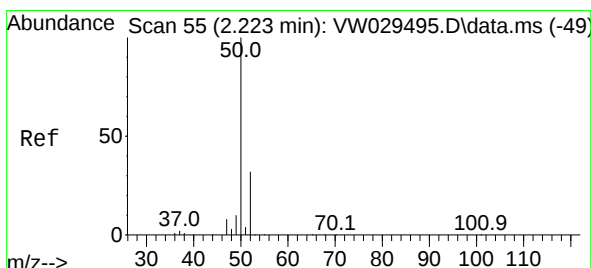
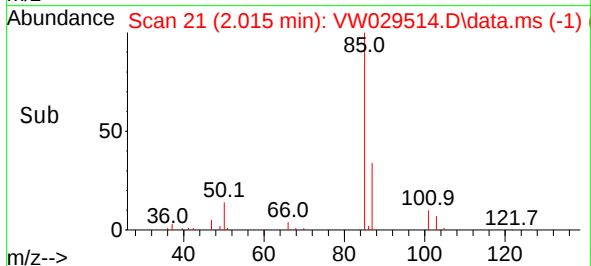
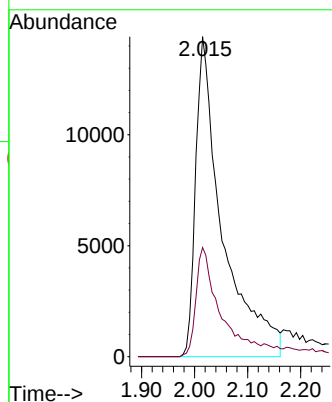
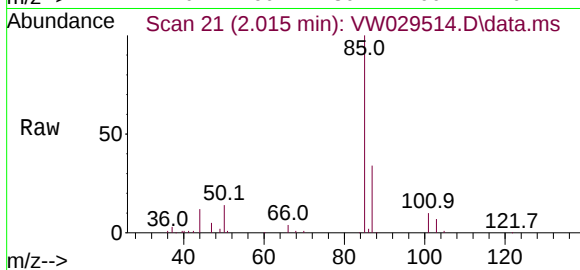
ClientSampleId :

Tgt Ion: 85 Resp: 50537

Ion Ratio Lower Upper

85 100

87 28.3 26.1 39.1



#3

Chloromethane

Concen: 22.286 ug/L

RT: 2.222 min Scan# 55

Delta R.T. -0.000 min

Lab File: VW029514.D

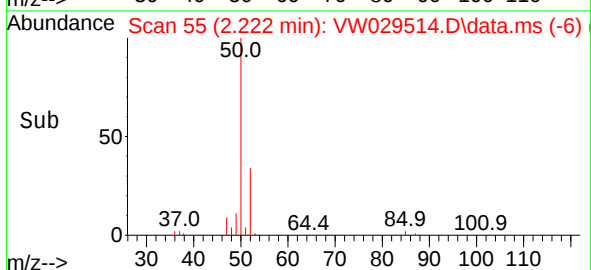
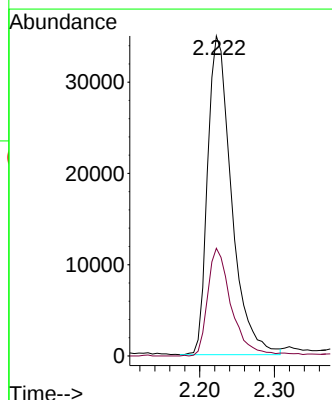
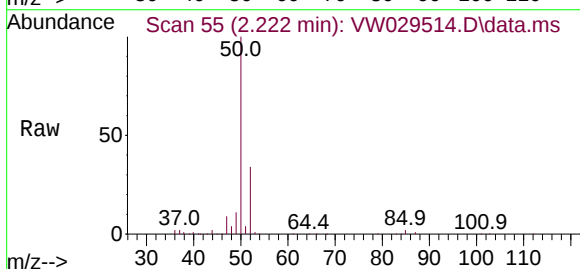
Acq: 10 Jul 2024 18:14

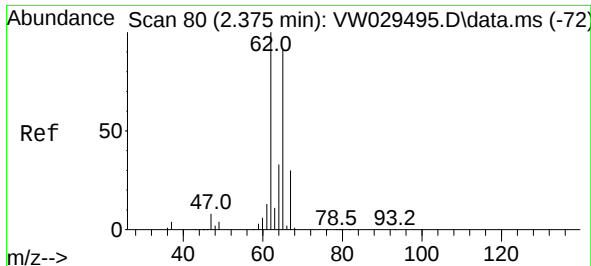
Tgt Ion: 50 Resp: 77543

Ion Ratio Lower Upper

50 100

52 33.7 24.4 45.2

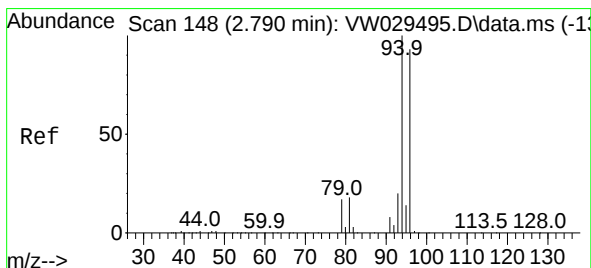
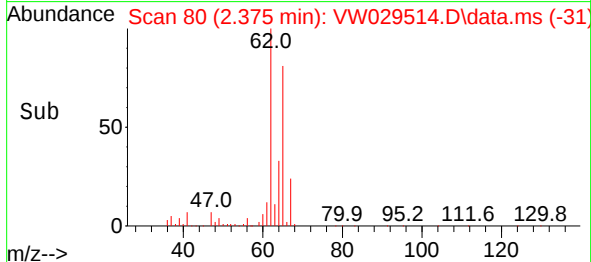
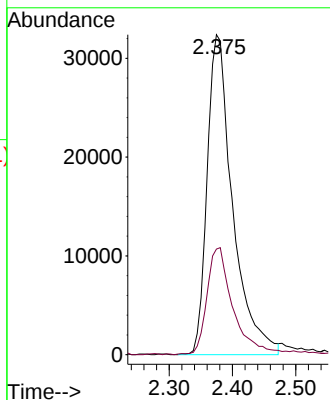
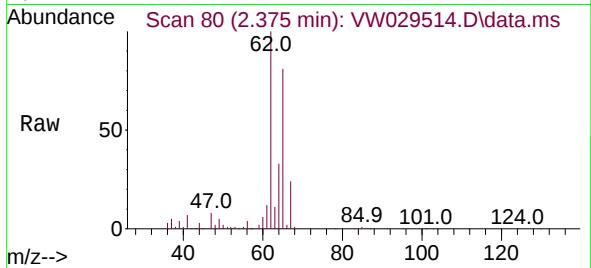




#5
 Vinyl chloride
 Concen: 22.844 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029514.D
 Acq: 10 Jul 2024 18:14

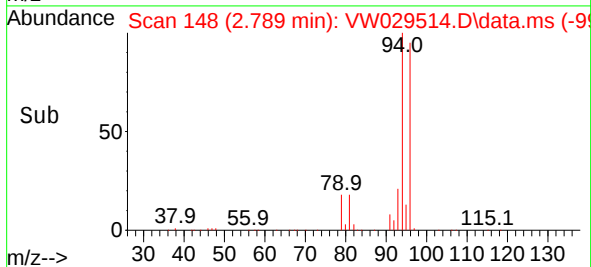
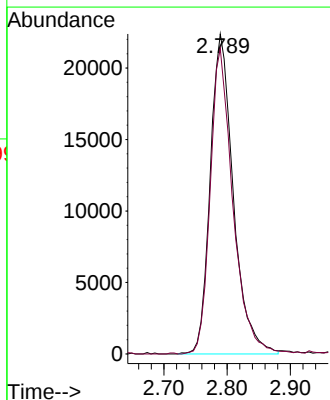
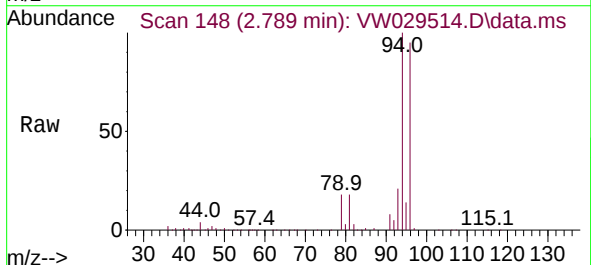
Instrument :
 MSVOA_W
 ClientSampleId :

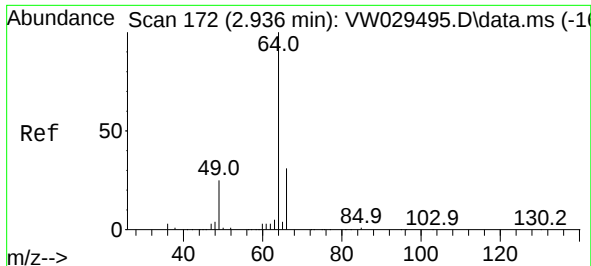
Tgt Ion: 62 Resp: 90706
 Ion Ratio Lower Upper
 62 100
 64 33.0 25.1 46.5



#6
 Bromomethane
 Concen: 24.120 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029514.D
 Acq: 10 Jul 2024 18:14

Tgt Ion: 94 Resp: 56708
 Ion Ratio Lower Upper
 94 100
 96 95.4 61.7 114.7

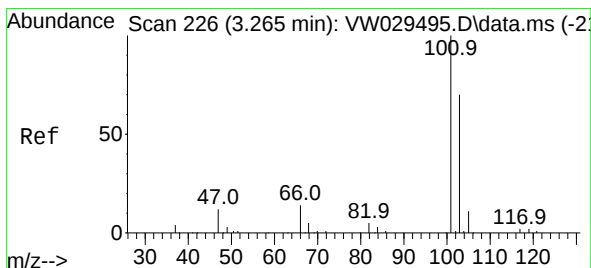
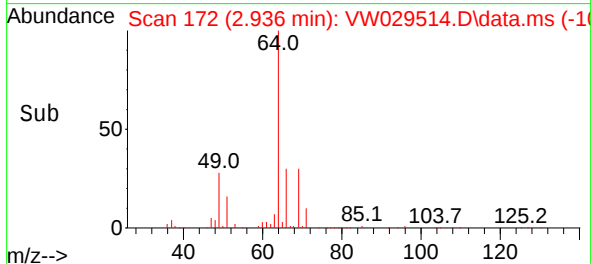
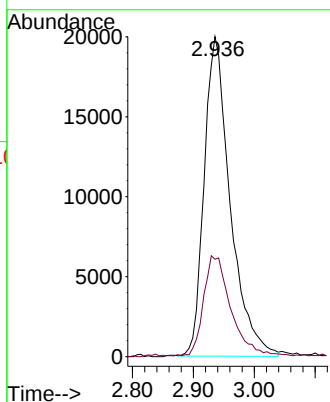
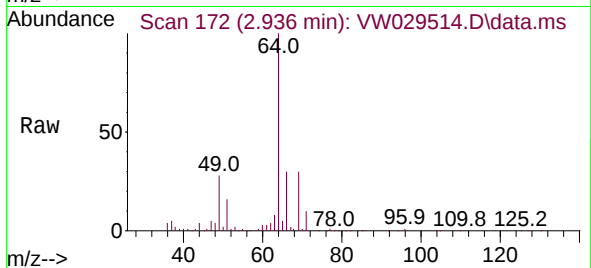




#8
Chloroethane
Concen: 24.269 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW029514.D
Acq: 10 Jul 2024 18:14

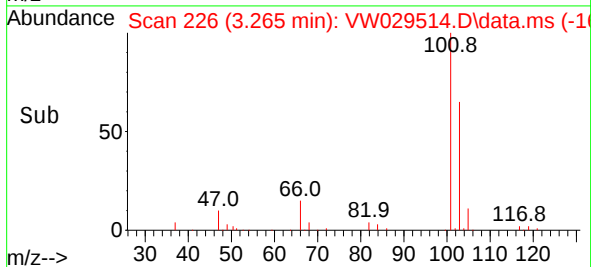
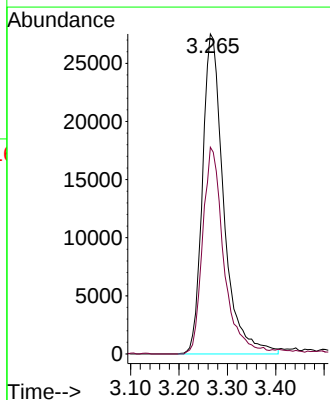
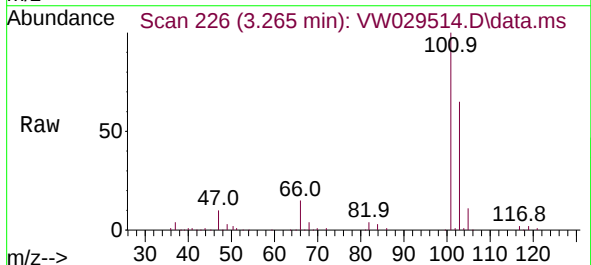
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MSVOA_W
ClientSampleId :

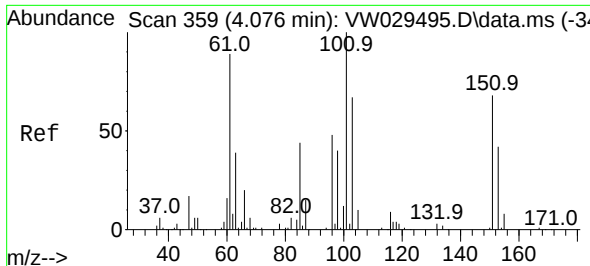
Tgt Ion: 64 Resp: 59296
Ion Ratio Lower Upper
64 100
66 30.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 23.512 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029514.D
Acq: 10 Jul 2024 18:14

Tgt Ion:101 Resp: 84038
Ion Ratio Lower Upper
101 100
103 63.7 49.6 74.4





#10

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

Concen: 24.686 ug/L

RT: 4.069 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Instrument :

MSVOA_W

ClientSampleId :

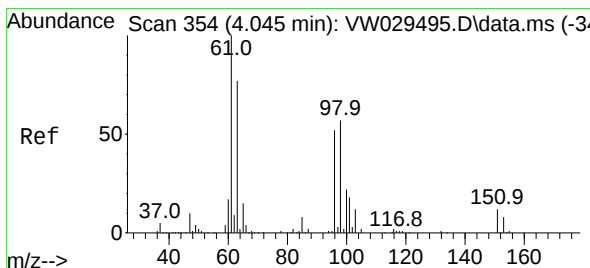
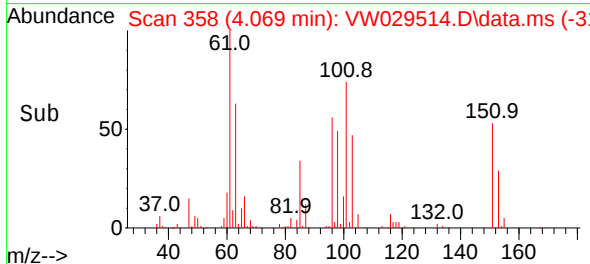
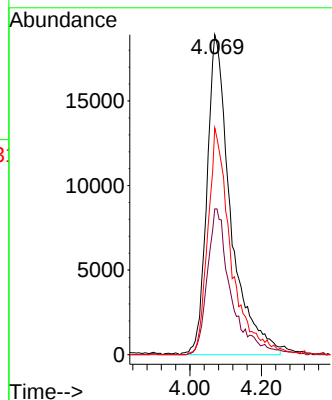
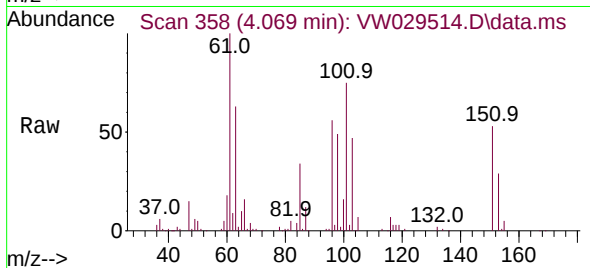
Tgt Ion:101 Resp: 86833

Ion Ratio Lower Upper

101 100

85 40.5 33.8 50.8

151 64.4 55.4 83.0



#12

1,1-Dichloroethene

Concen: 24.210 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

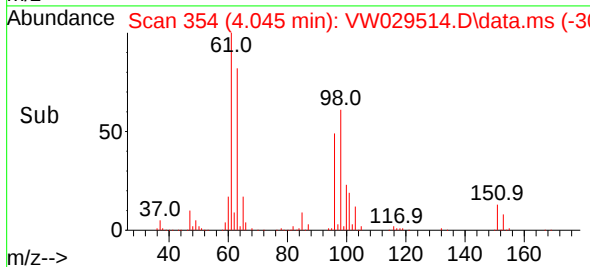
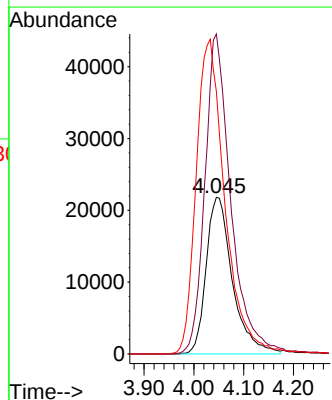
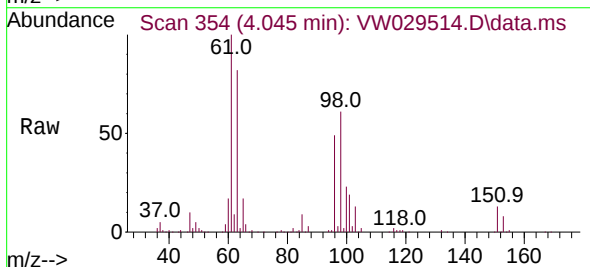
Tgt Ion: 96 Resp: 79959

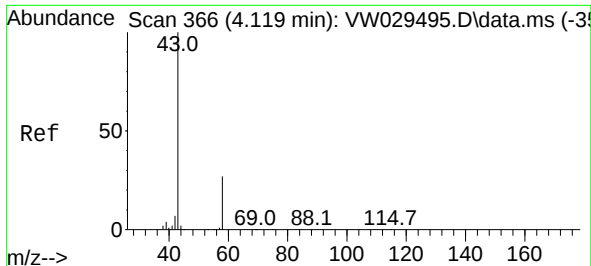
Ion Ratio Lower Upper

96 100

61 204.3 132.4 245.8

63 167.6 108.4 201.2

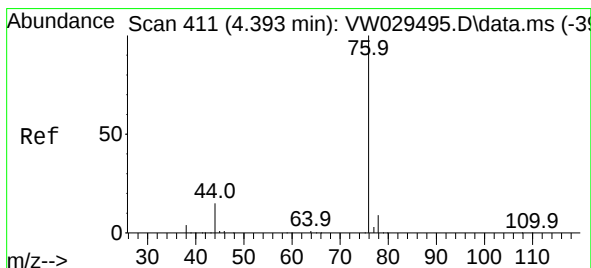
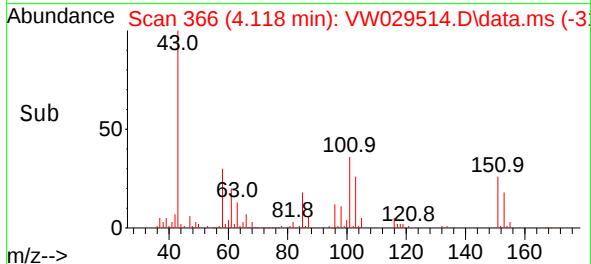
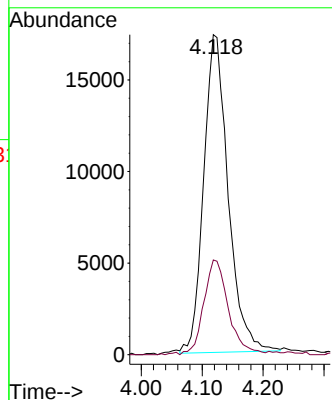
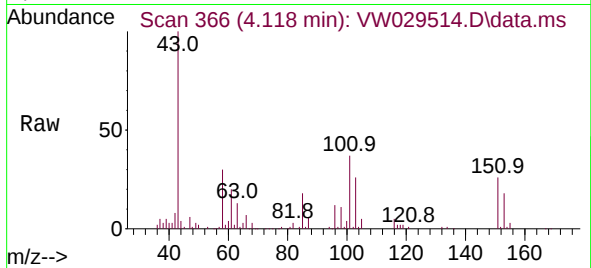




#13
Acetone
Concen: 37.231 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW029514.D
Acq: 10 Jul 2024 18:14

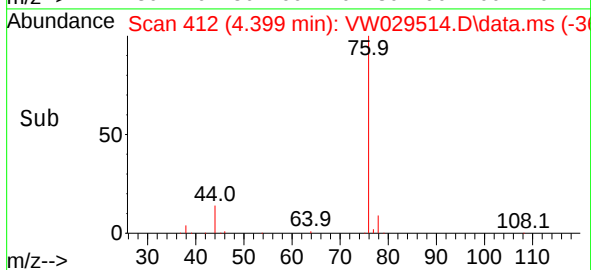
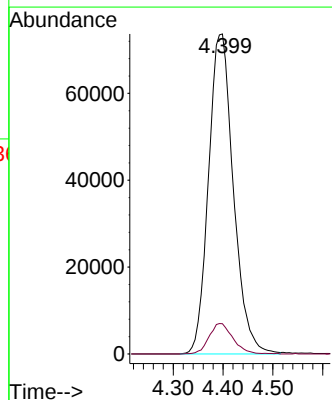
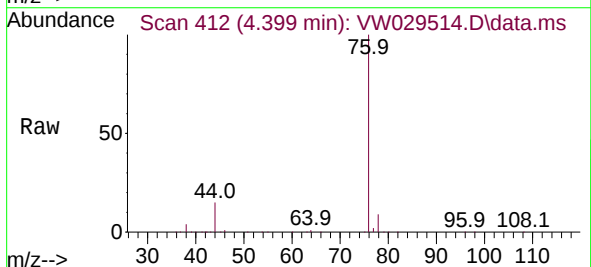
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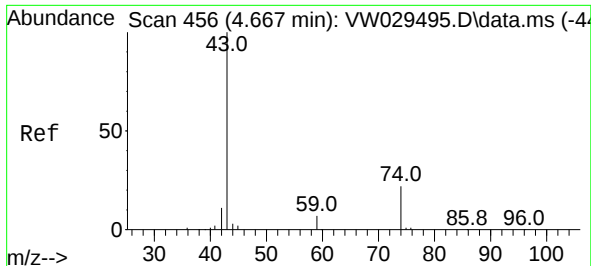
Tgt Ion: 43 Resp: 48395
Ion Ratio Lower Upper
43 100
58 29.9 0.0 55.6



#14
Carbon disulfide
Concen: 23.822 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.006 min
Lab File: VW029514.D
Acq: 10 Jul 2024 18:14

Tgt Ion: 76 Resp: 255505
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4





#15

Methyl Acetate

Concen: 22.076 ug/L

RT: 4.667 min Scan# 4

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Instrument :

MSVOA_W

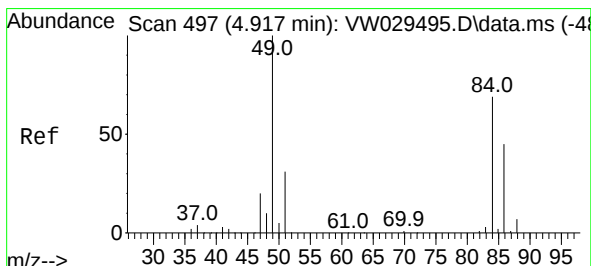
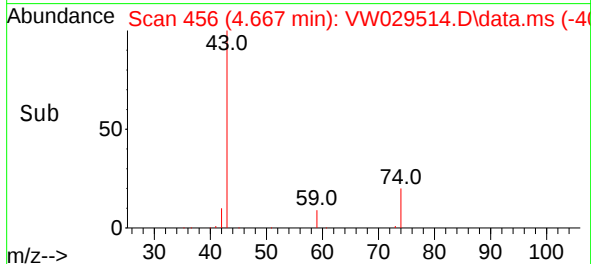
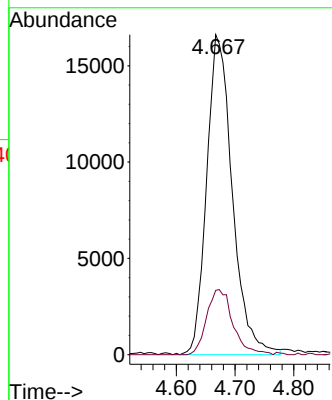
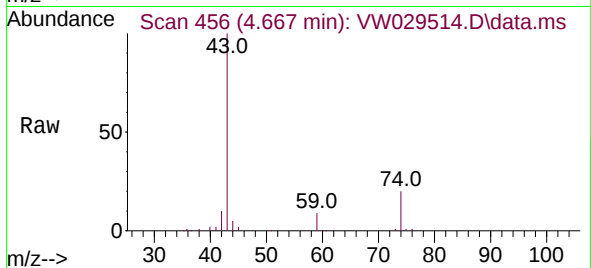
ClientSampleId :

Tgt Ion: 43 Resp: 50380

Ion Ratio Lower Upper

43 100

74 20.8 16.2 24.4



#16

Methylene chloride

Concen: 24.186 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

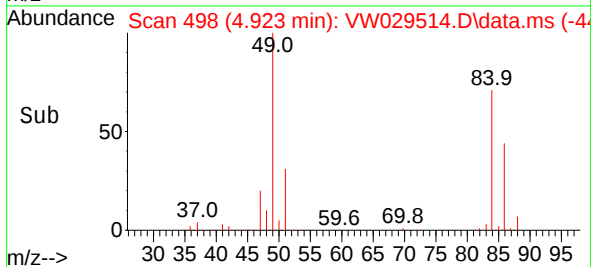
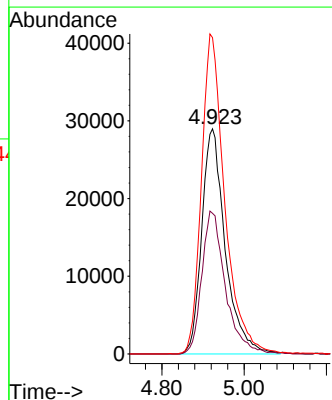
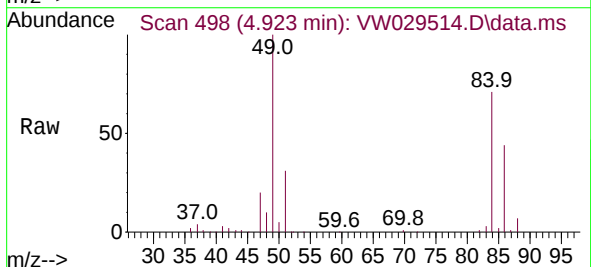
Tgt Ion: 84 Resp: 114993

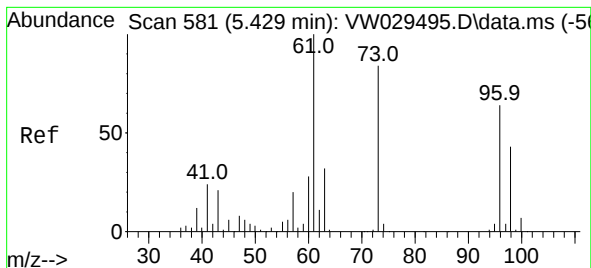
Ion Ratio Lower Upper

84 100

86 62.5 46.2 85.8

49 140.5 96.7 179.7





#17

trans-1,2-Dichloroethene

Concen: 25.070 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Instrument :

MSVOA_W

ClientSampleId :

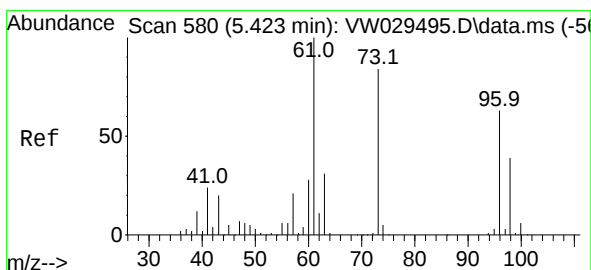
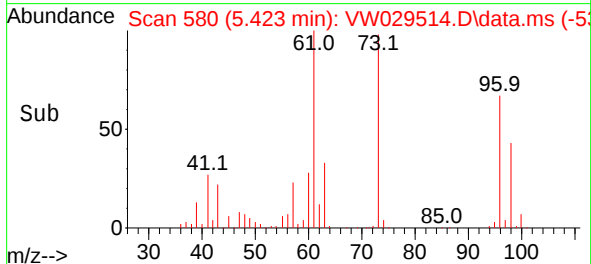
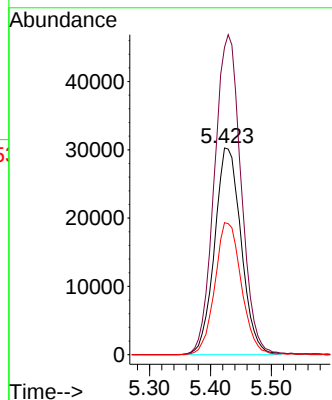
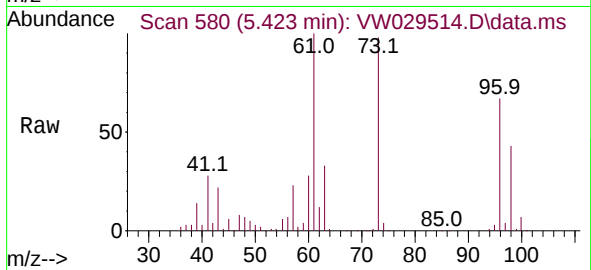
Tgt Ion: 96 Resp: 91659

Ion Ratio Lower Upper

96 100

61 148.7 102.9 191.1

98 63.9 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 24.996 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

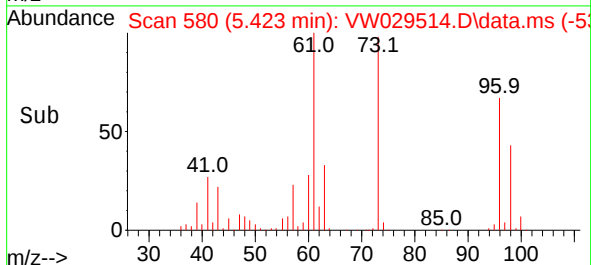
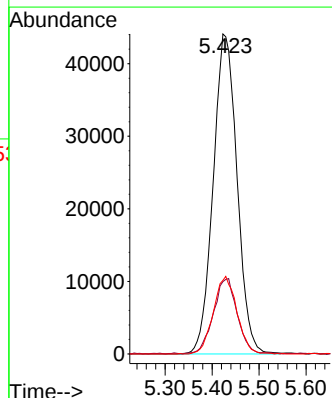
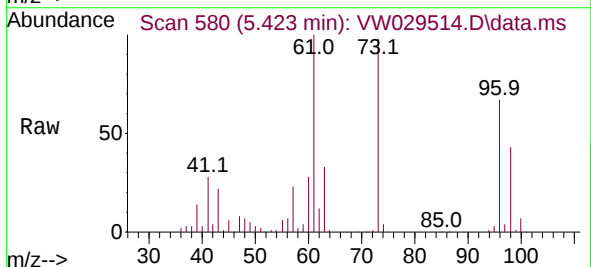
Tgt Ion: 73 Resp: 155492

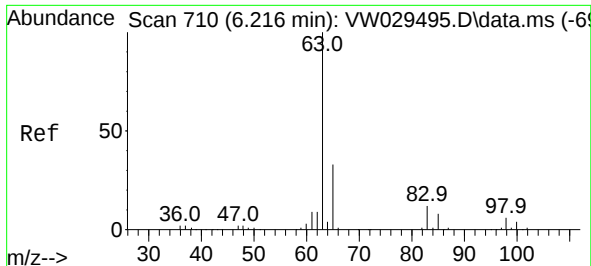
Ion Ratio Lower Upper

73 100

43 23.6 18.7 28.1

57 23.8 18.9 28.3





#19

1,1-Dichloroethane

Concen: 25.953 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Instrument :

MSVOA_W

ClientSampleId :

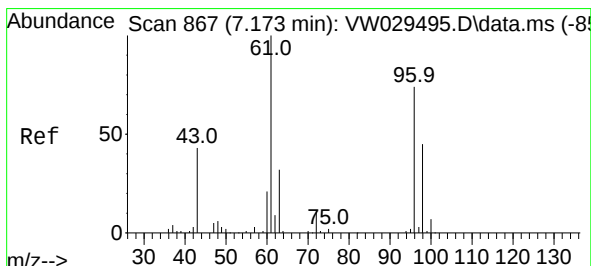
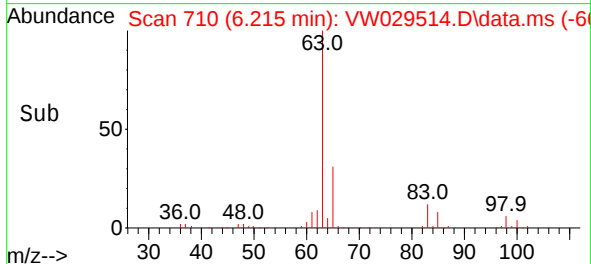
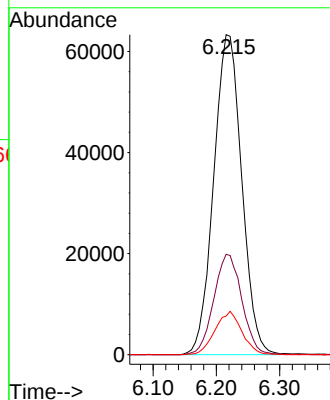
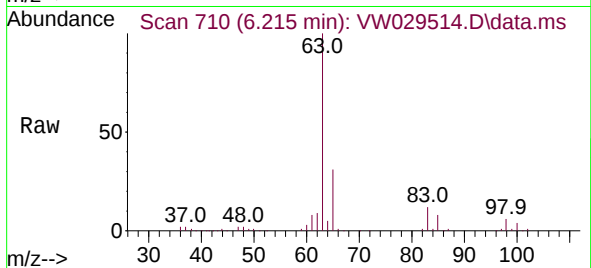
Tgt Ion: 63 Resp: 194864

Ion Ratio Lower Upper

63 100

65 31.4 21.5 39.9

83 12.1 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 25.817 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

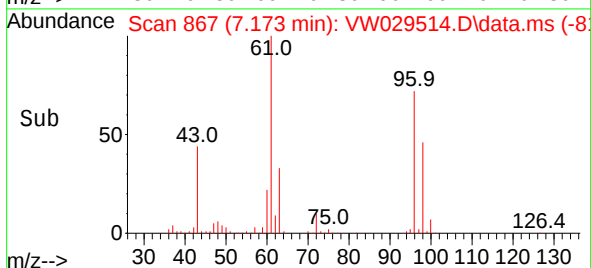
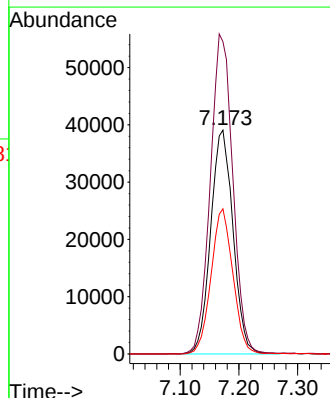
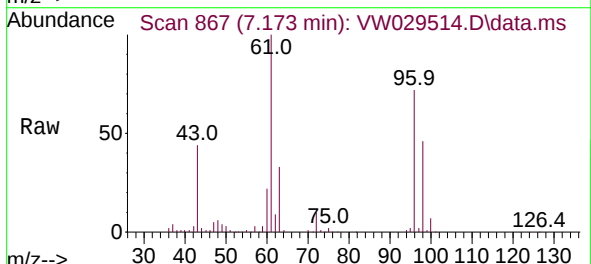
Tgt Ion: 96 Resp: 103216

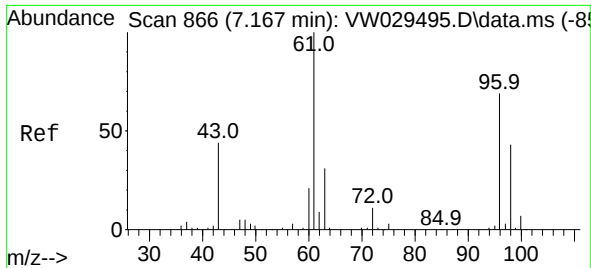
Ion Ratio Lower Upper

96 100

61 139.5 97.4 180.8

98 64.8 41.6 77.2

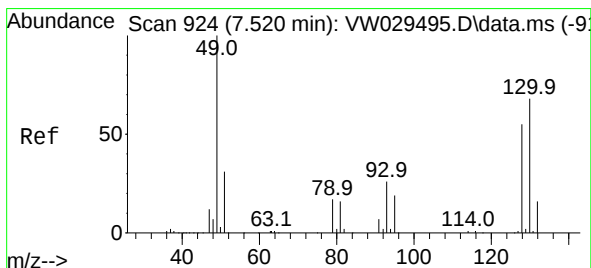
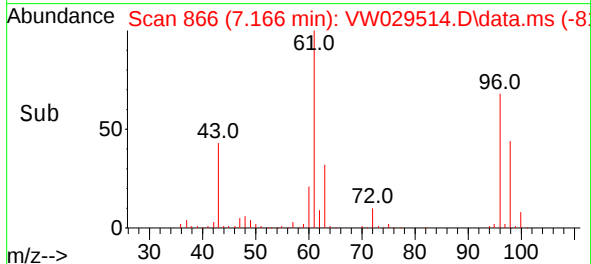
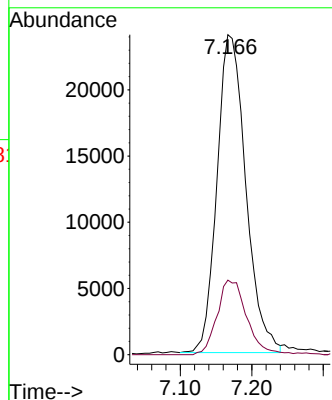
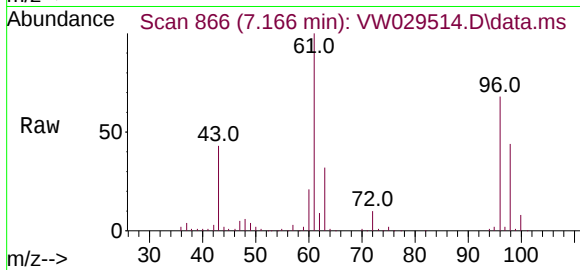




#22
2-Butanone
Concen: 39.371 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW029514.D
Acq: 10 Jul 2024 18:14

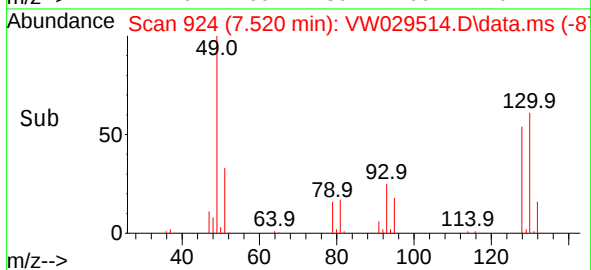
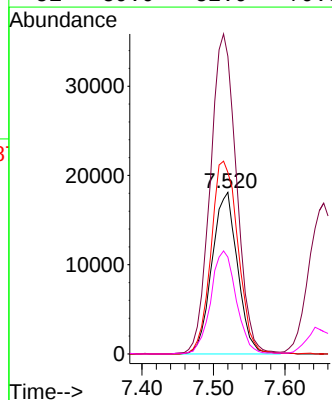
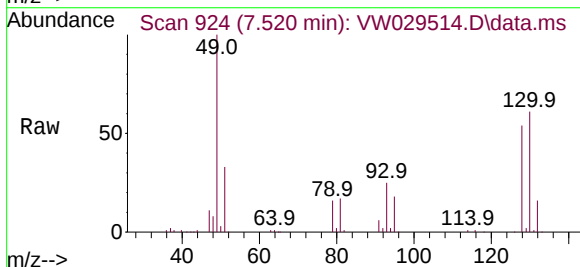
Instrument :
MSVOA_W
ClientSampleId :

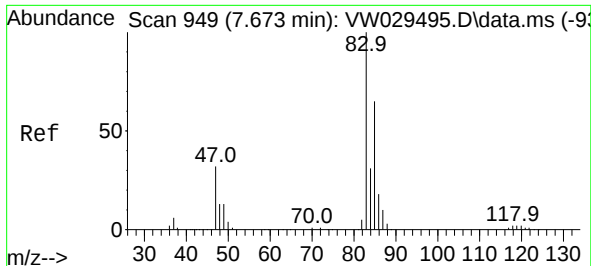
Tgt Ion: 43 Resp: 67184
Ion Ratio Lower Upper
43 100
72 24.0 12.0 36.1



#23
Bromochloromethane
Concen: 25.026 ug/L
RT: 7.520 min Scan# 924
Delta R.T. -0.000 min
Lab File: VW029514.D
Acq: 10 Jul 2024 18:14

Tgt Ion: 128 Resp: 45003
Ion Ratio Lower Upper
128 100
49 184.2 146.2 271.4
130 112.4 91.9 170.7
51 59.9 52.9 79.3





#25

Chloroform

Concen: 26.263 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Instrument :

MSVOA_W

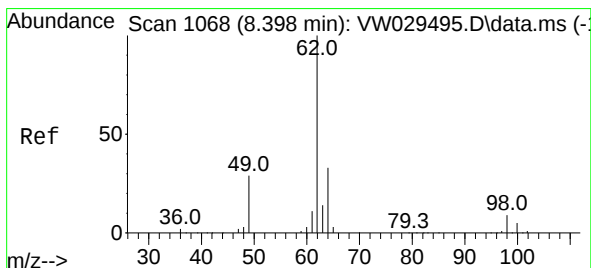
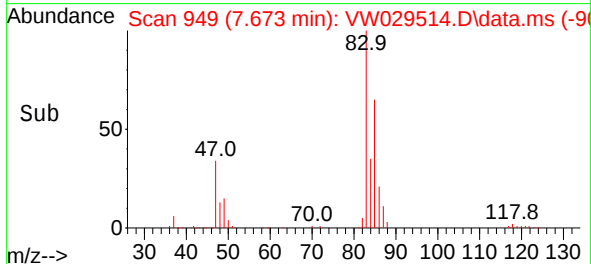
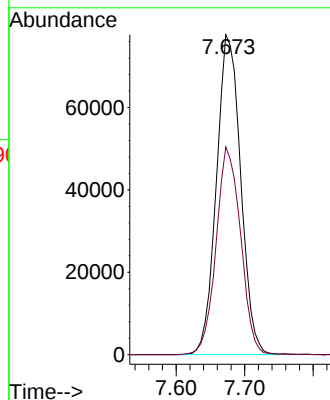
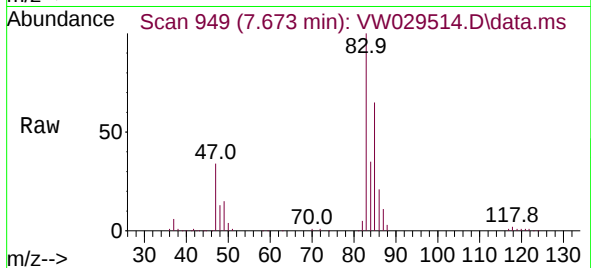
ClientSampleId :

Tgt Ion: 83 Resp: 190800

Ion Ratio Lower Upper

83 100

85 65.0 44.1 81.9



#27

1,2-Dichloroethane

Concen: 25.276 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029514.D

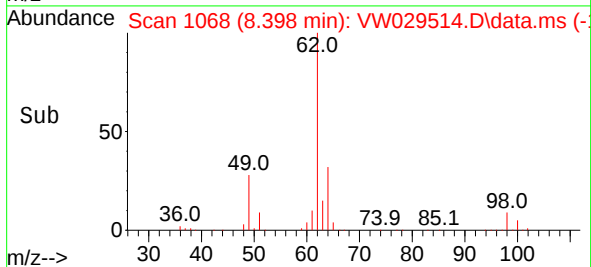
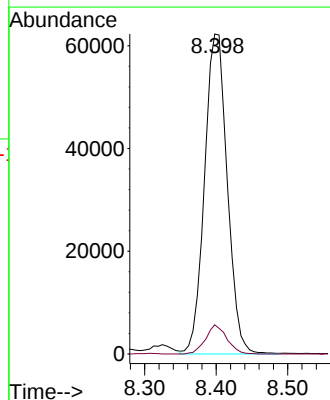
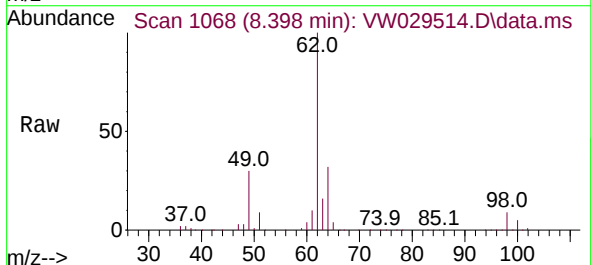
Acq: 10 Jul 2024 18:14

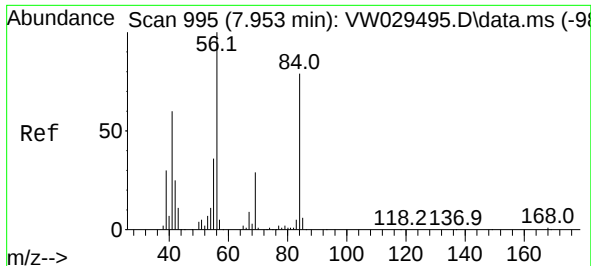
Tgt Ion: 62 Resp: 137728

Ion Ratio Lower Upper

62 100

98 9.1 6.0 9.0#





#29

Cyclohexane

Concen: 26.210 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Instrument :

MSVOA_W

ClientSampleId :

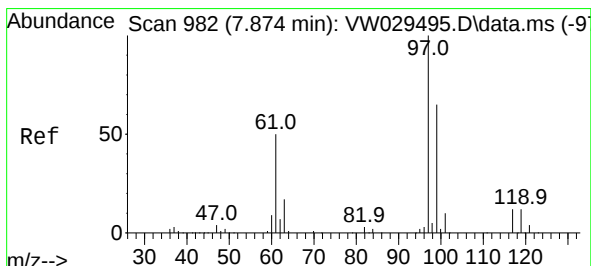
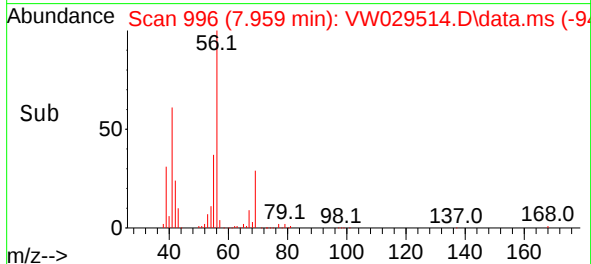
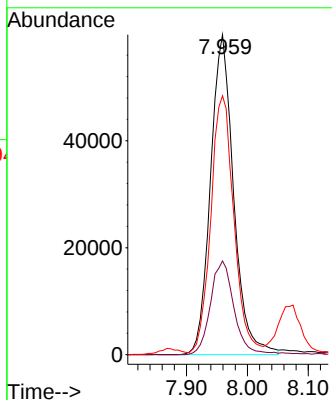
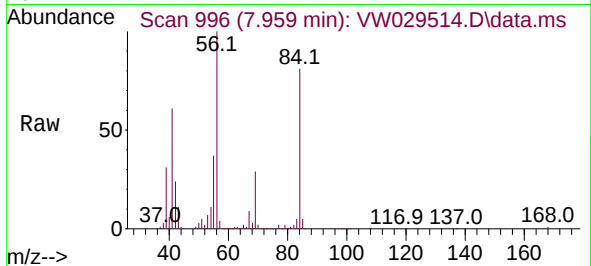
Tgt Ion: 56 Resp: 157969

Ion Ratio Lower Upper

56 100

69 29.5 23.3 34.9

84 80.7 63.1 94.7



#30

1,1,1-Trichloroethane

Concen: 26.299 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

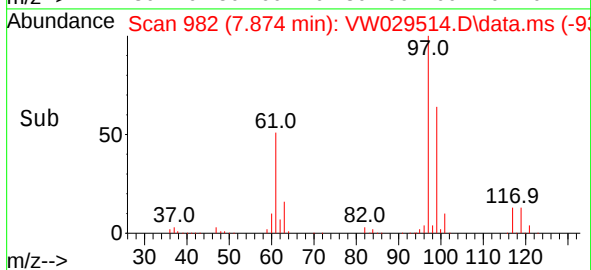
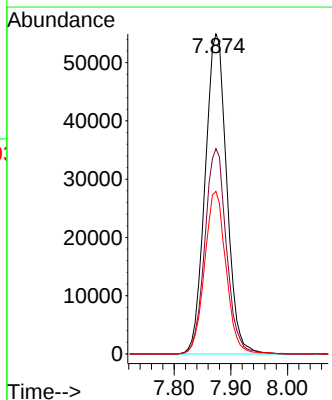
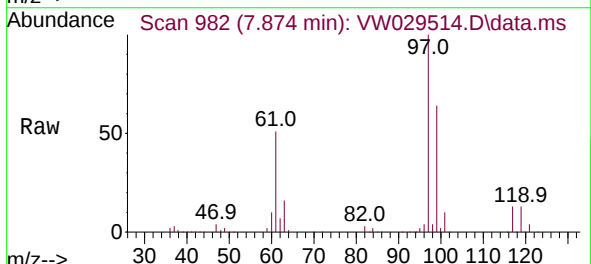
Tgt Ion: 97 Resp: 145361

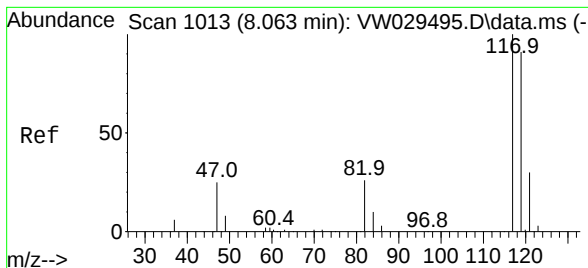
Ion Ratio Lower Upper

97 100

99 64.2 51.1 76.7

61 50.3 40.6 61.0





#31

Carbon tetrachloride

Concen: 26.030 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Instrument :

MSVOA_W

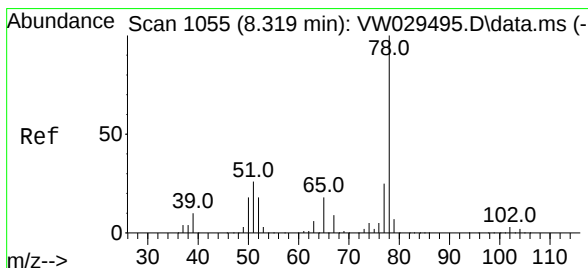
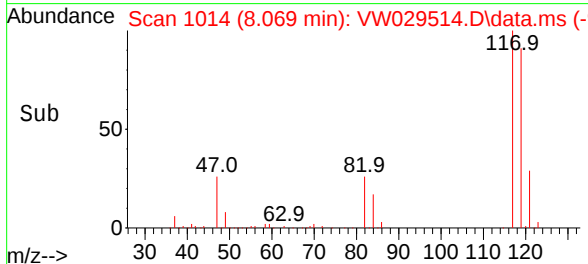
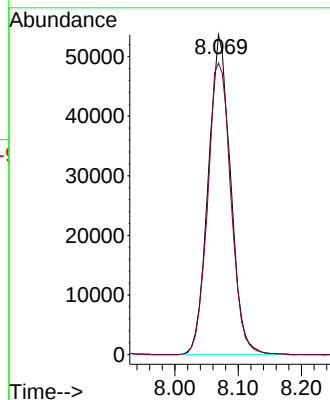
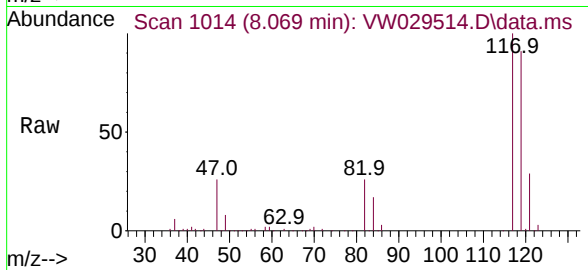
ClientSampleId :

Tgt Ion:117 Resp: 131763

Ion Ratio Lower Upper

117 100

119 95.1 77.0 115.6



#33

Benzene

Concen: 27.230 ug/L

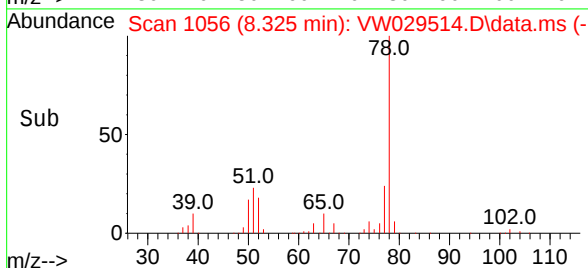
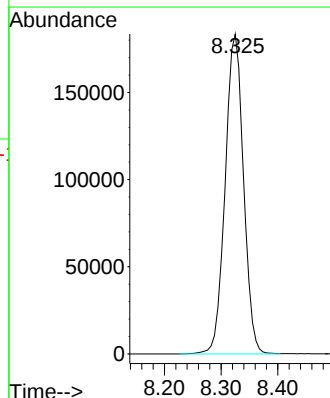
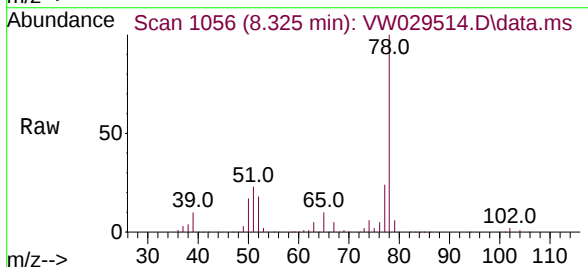
RT: 8.325 min Scan# 1056

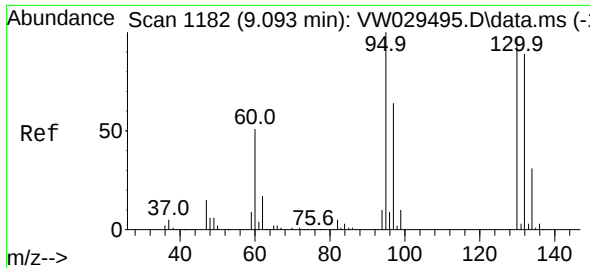
Delta R.T. 0.006 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Tgt Ion: 78 Resp: 412372





#34

Trichloroethene

Concen: 26.084 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 104312

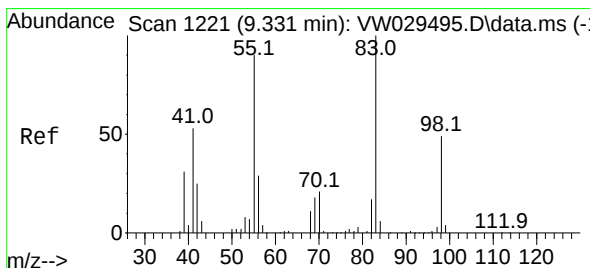
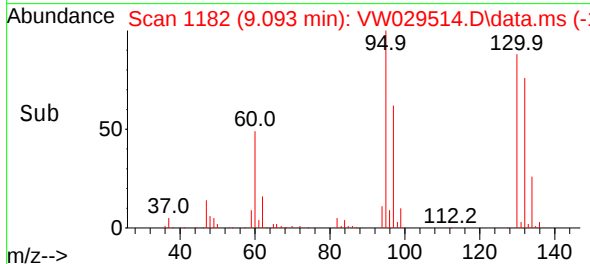
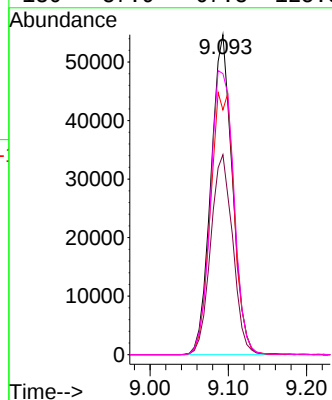
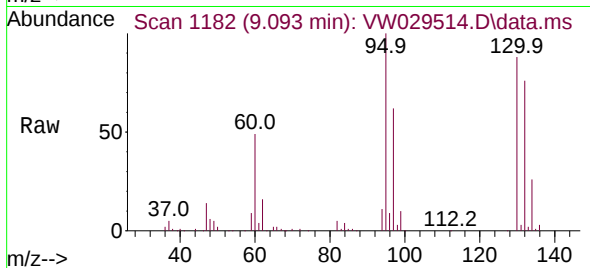
Ion Ratio Lower Upper

95 100

97 62.5 47.3 87.9

132 76.5 65.8 122.2

130 87.9 67.8 125.8



#35

Methylcyclohexane

Concen: 27.039 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

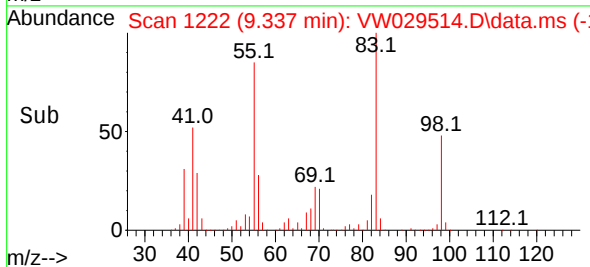
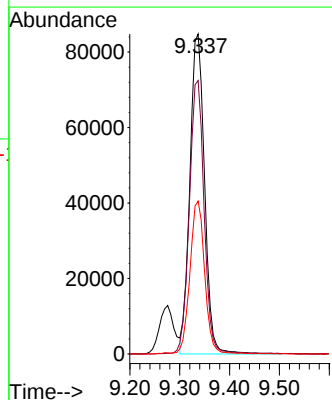
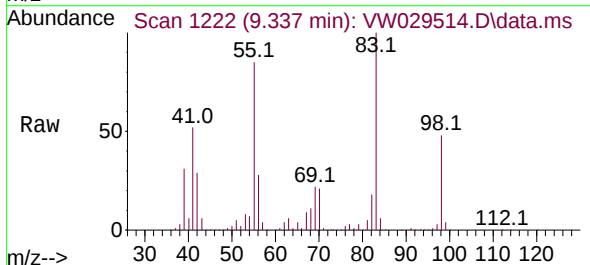
Tgt Ion: 83 Resp: 173804

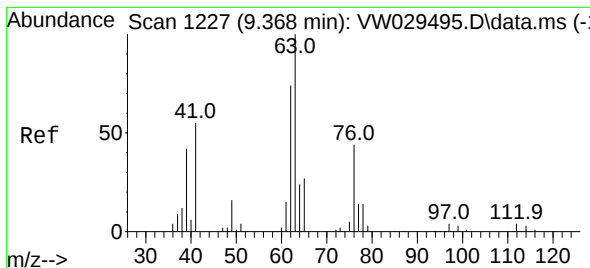
Ion Ratio Lower Upper

83 100

55 84.7 69.6 104.4

98 47.2 38.3 57.5





#37

1,2-Dichloropropane

Concen: 27.516 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Instrument :

MSVOA_W

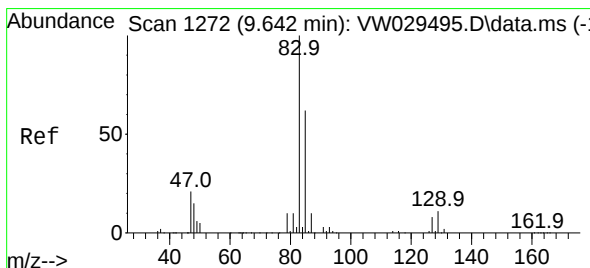
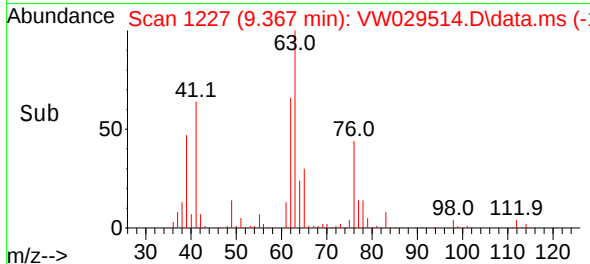
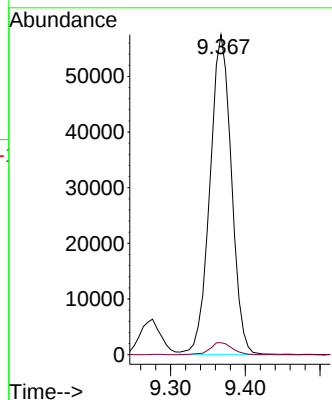
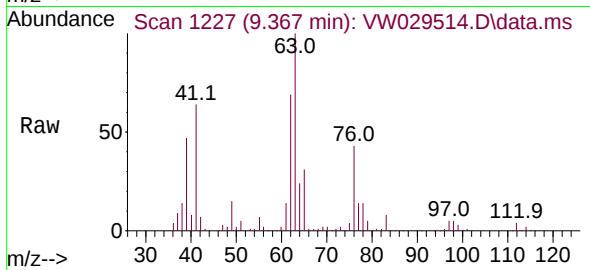
ClientSampleId :

Tgt Ion: 63 Resp: 115231

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 26.637 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

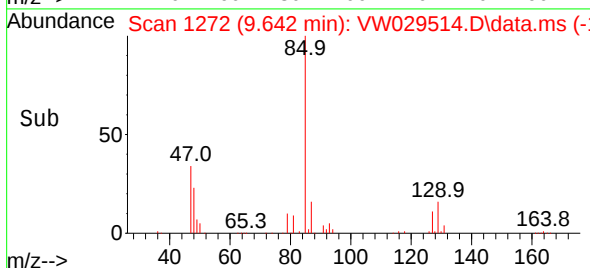
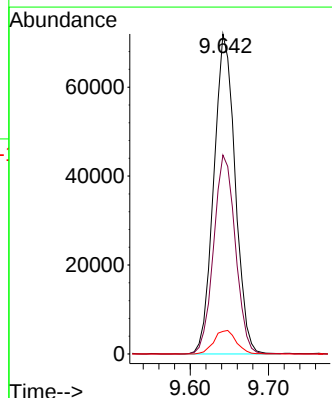
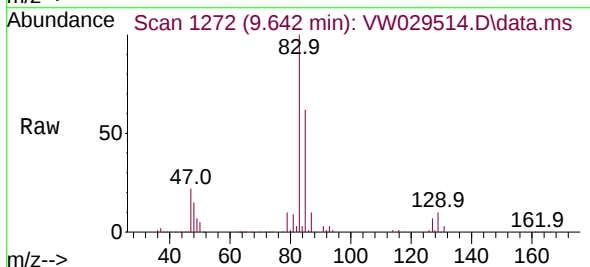
Tgt Ion: 83 Resp: 136250

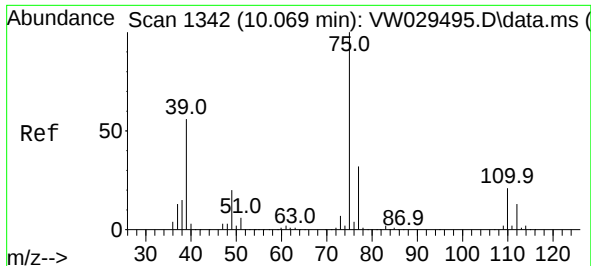
Ion Ratio Lower Upper

83 100

85 62.2 46.1 85.5

127 7.0 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 26.624 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Instrument :

MSVOA_W

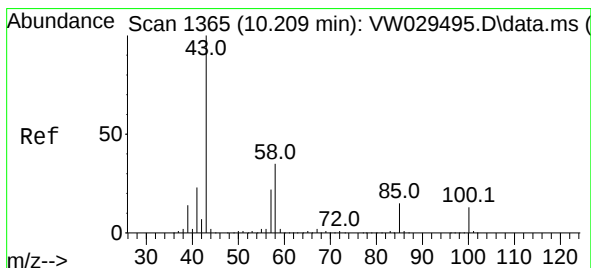
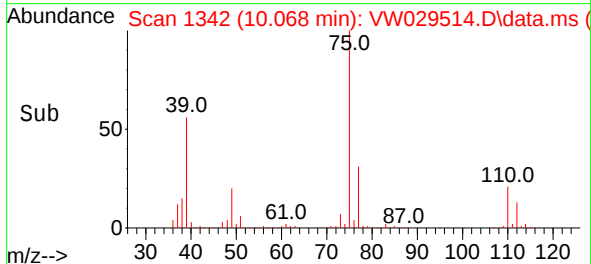
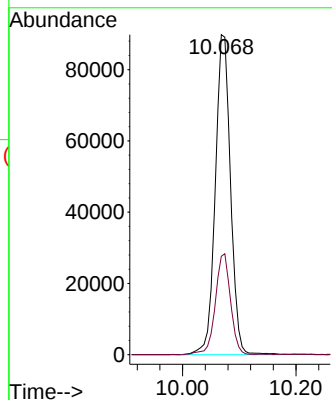
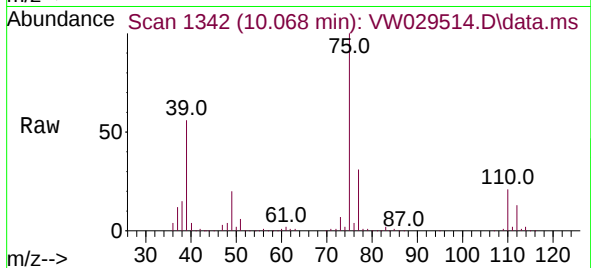
ClientSampleId :

Tgt Ion: 75 Resp: 167458

Ion Ratio Lower Upper

75 100

77 30.8 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 48.828 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

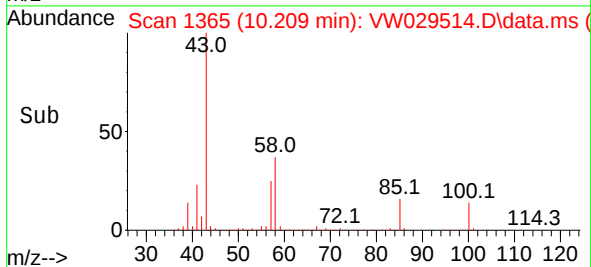
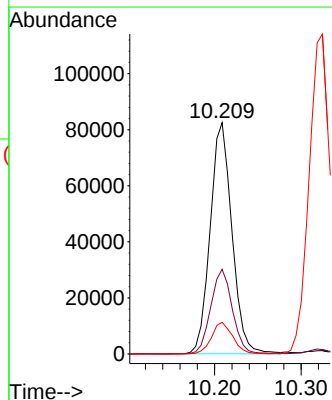
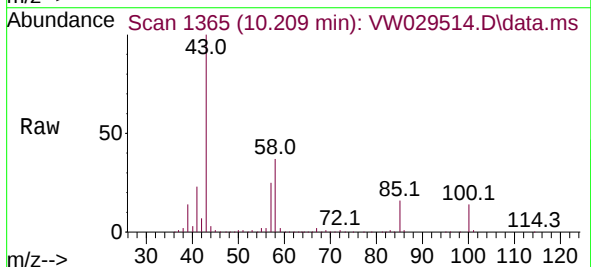
Tgt Ion: 43 Resp: 144109

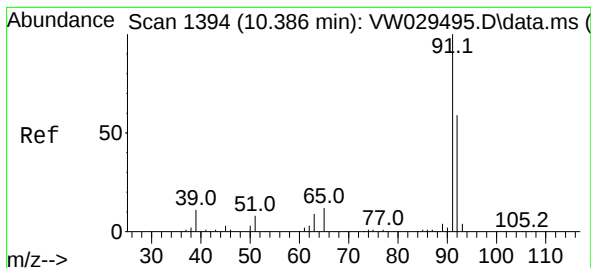
Ion Ratio Lower Upper

43 100

58 36.4 29.0 43.6

100 13.4 10.5 15.7





#42

Toluene

Concen: 27.586 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Instrument :

MSVOA_W

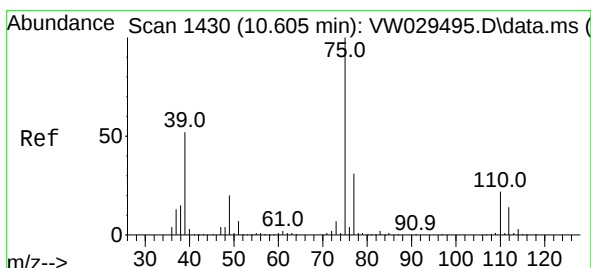
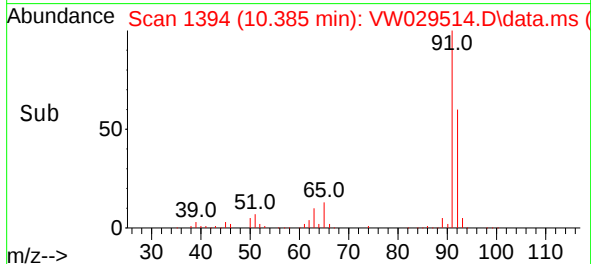
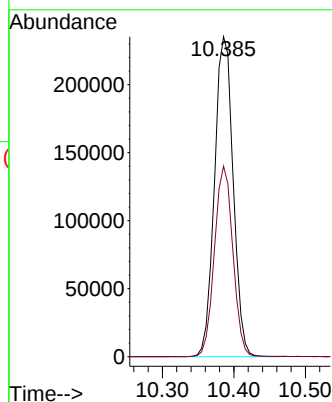
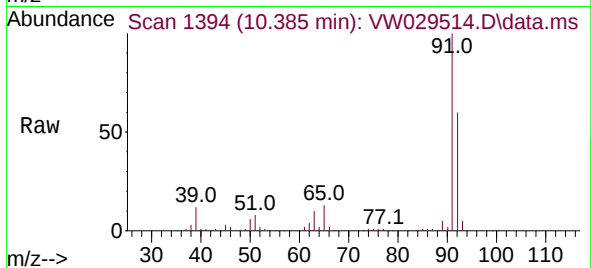
ClientSampleId :

Tgt Ion: 91 Resp: 427383

Ion Ratio Lower Upper

91 100

92 59.5 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 25.710 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029514.D

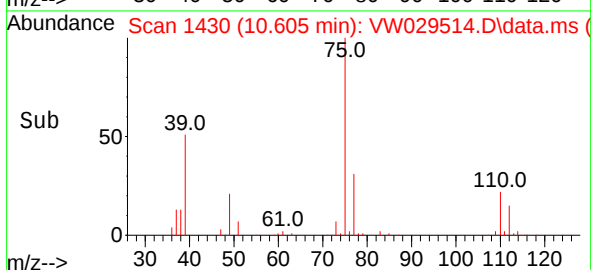
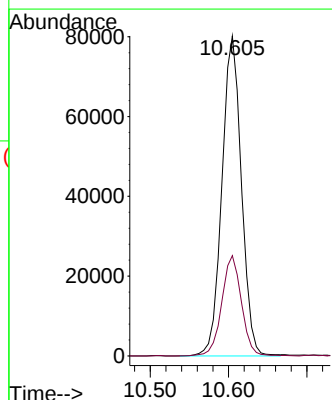
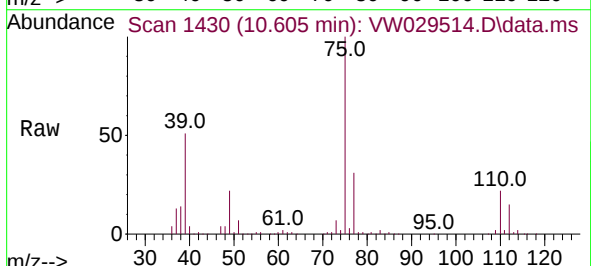
Acq: 10 Jul 2024 18:14

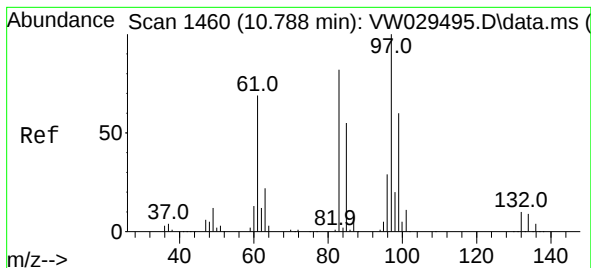
Tgt Ion: 75 Resp: 138601

Ion Ratio Lower Upper

75 100

77 31.4 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 25.636 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 77208

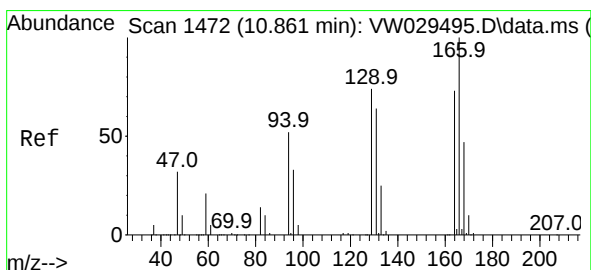
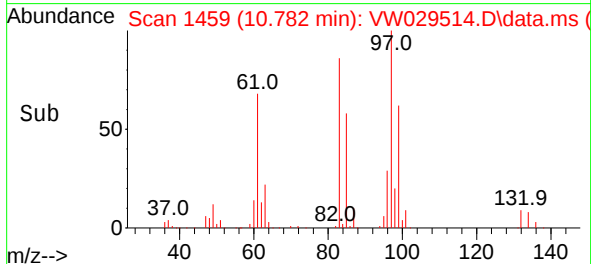
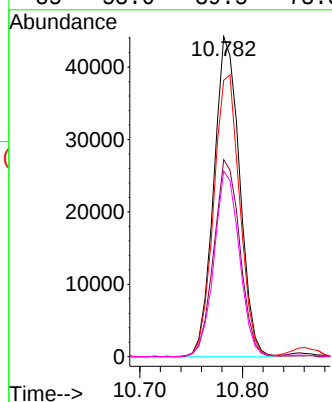
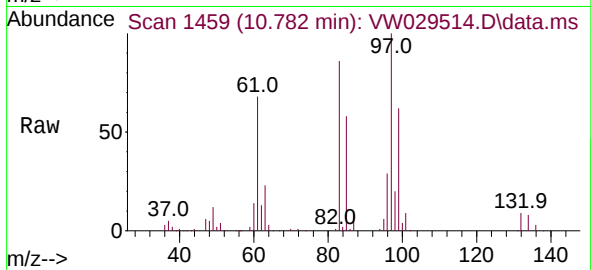
Ion Ratio Lower Upper

97 100

99 61.6 43.8 81.4

83 86.4 60.3 111.9

85 58.0 39.5 73.3



#46

Tetrachloroethene

Concen: 26.345 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Tgt Ion:164 Resp: 74851

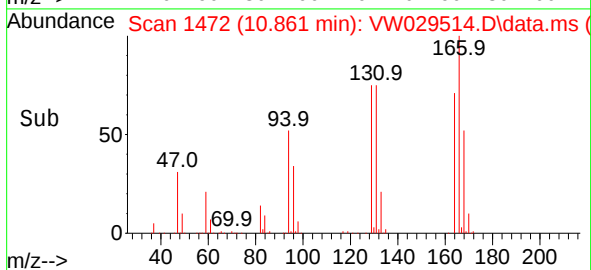
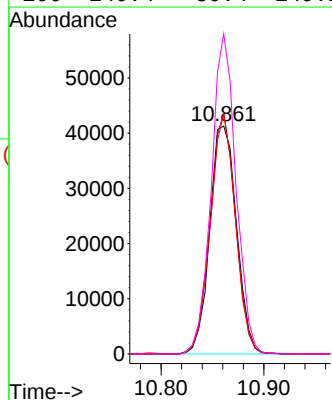
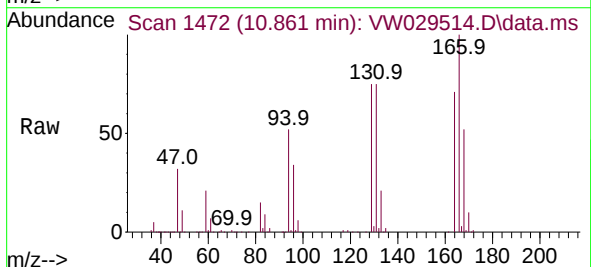
Ion Ratio Lower Upper

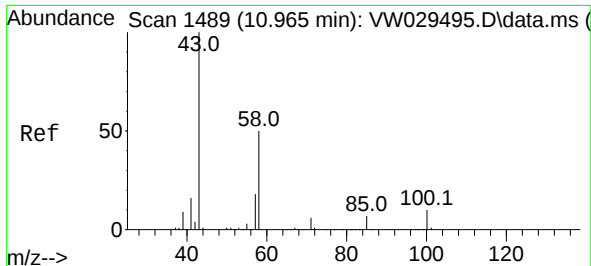
164 100

129 105.8 60.0 111.4

131 105.3 64.6 120.0

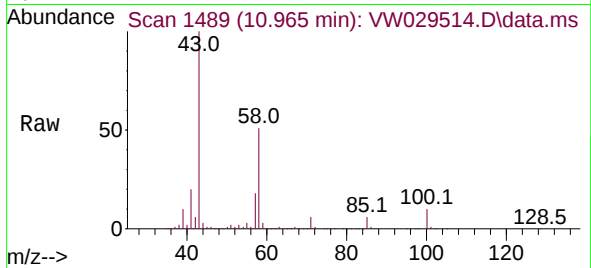
166 140.4 80.4 149.2



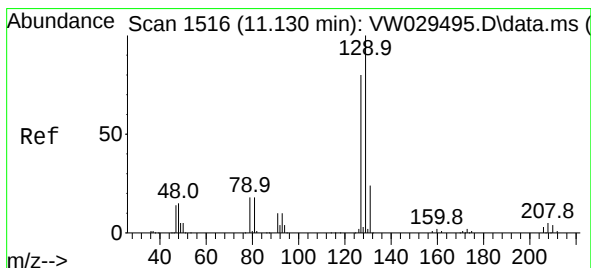
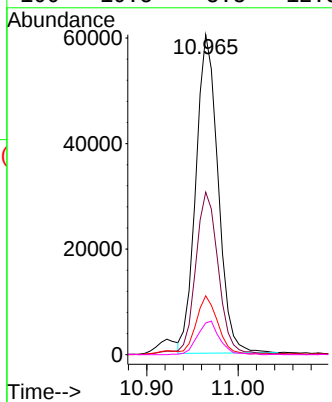
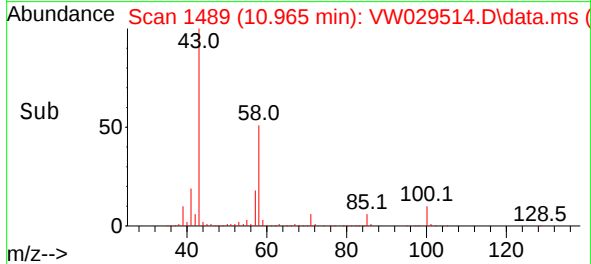


#48
2-Hexanone
Concen: 45.984 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029514.D
Acq: 10 Jul 2024 18:14

Instrument :
MSVOA_W
ClientSampleId :

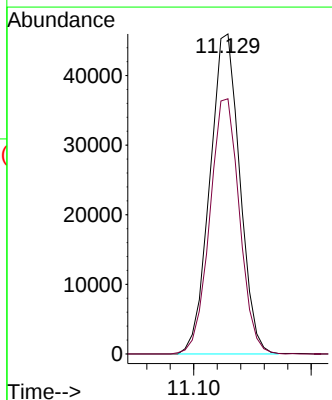
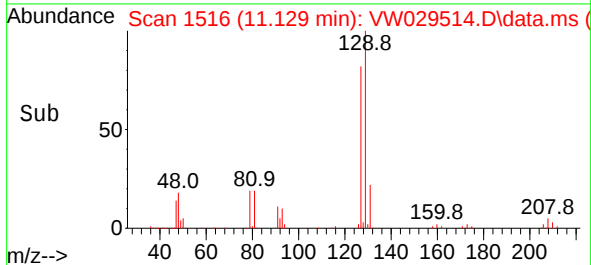
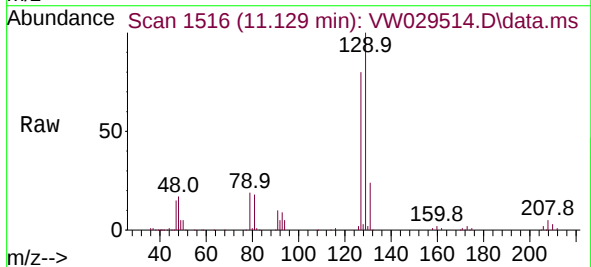


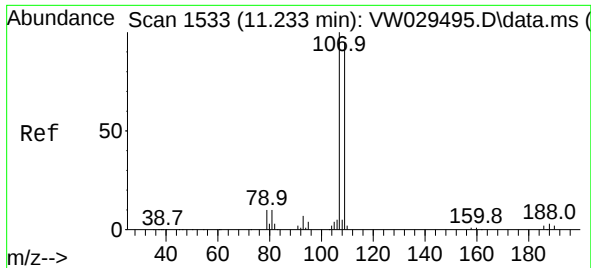
Tgt Ion: 43 Resp: 101960
Ion Ratio Lower Upper
43 100
58 52.1 39.8 59.8
57 17.8 14.6 21.8
100 10.5 8.3 12.5



#49
Dibromochloromethane
Concen: 25.976 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW029514.D
Acq: 10 Jul 2024 18:14

Tgt Ion:129 Resp: 81416
Ion Ratio Lower Upper
129 100
127 79.7 51.9 96.3





#50

1,2-Dibromoethane

Concen: 24.833 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029514.D

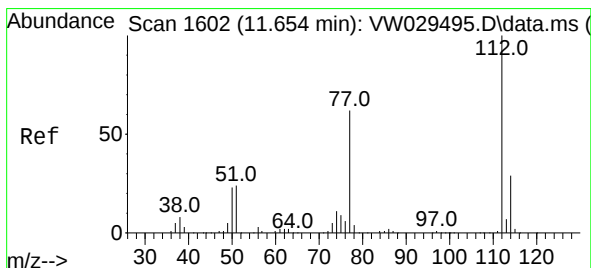
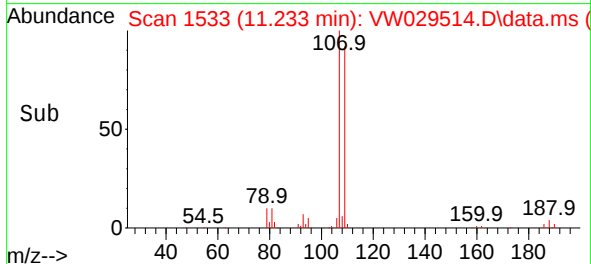
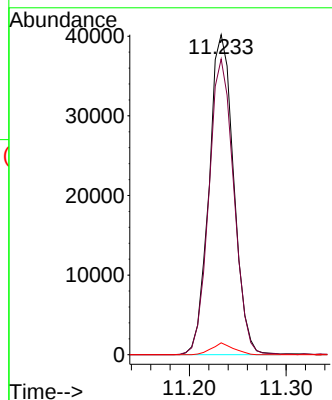
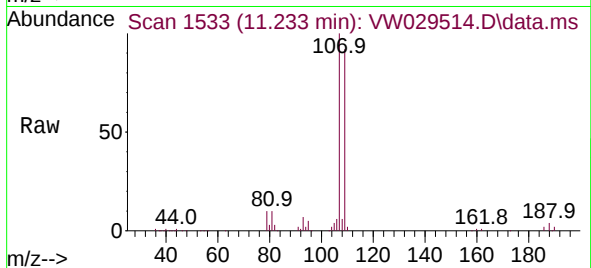
Acq: 10 Jul 2024 18:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	71272
Ion	Ratio	Lower	Upper
107	100		
109	92.4	63.2	117.4
188	3.7	2.9	4.3



#51

Chlorobenzene

Concen: 26.242 ug/L

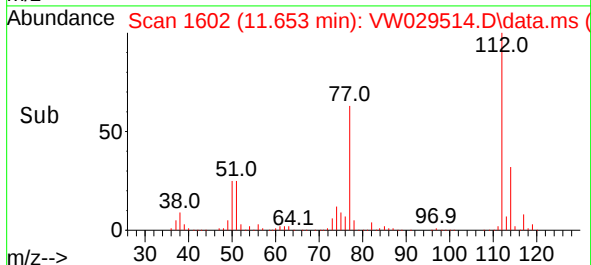
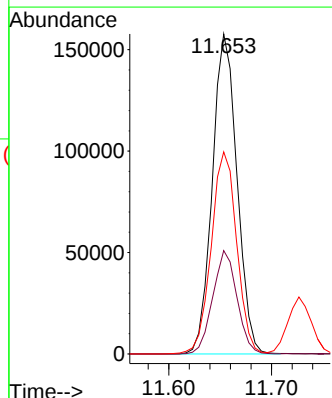
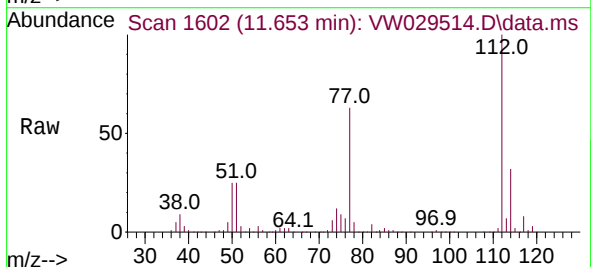
RT: 11.653 min Scan# 1602

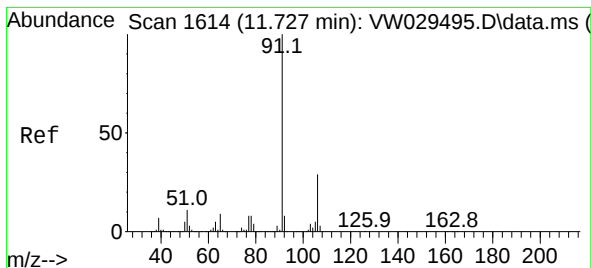
Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Tgt Ion:	112	Resp:	262821
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.6	42.0
77	63.2	49.9	74.9

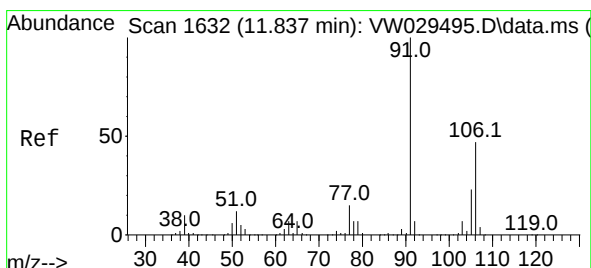
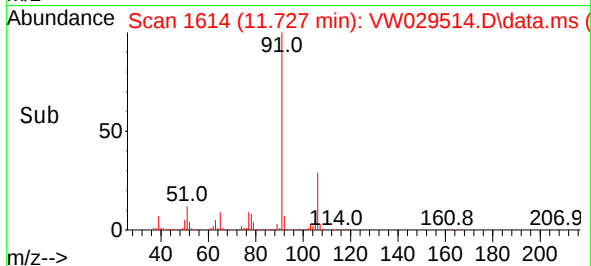
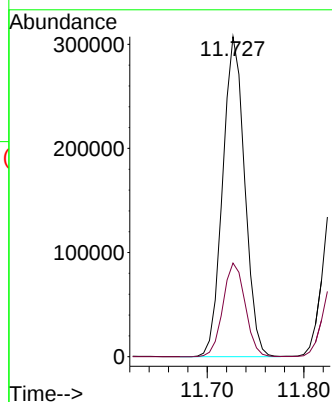
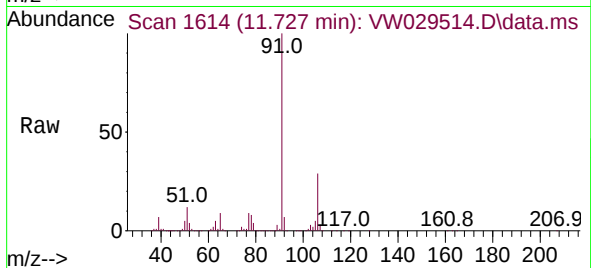




#52
Ethylbenzene
Concen: 27.653 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029514.D
Acq: 10 Jul 2024 18:14

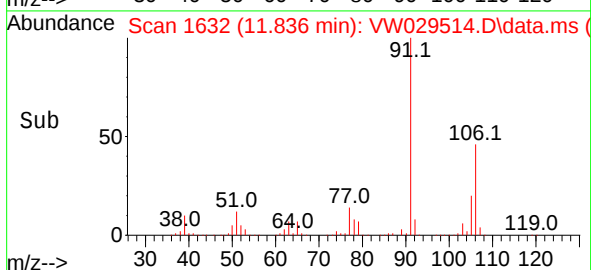
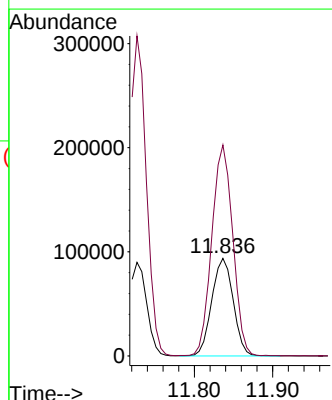
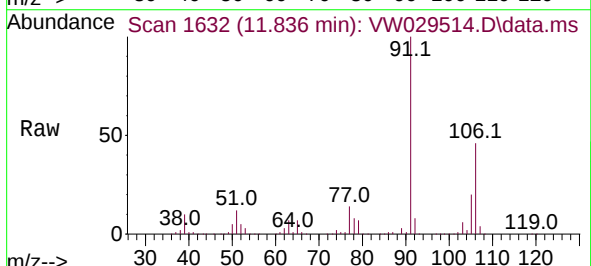
Instrument :
MSVOA_W
ClientSampleId :

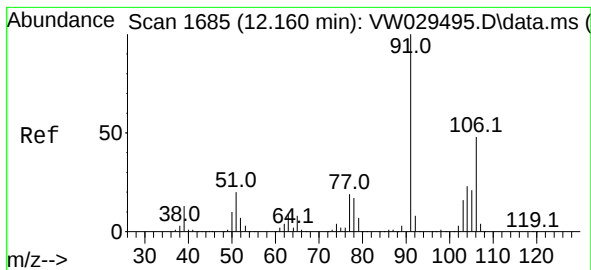
Tgt Ion: 91 Resp: 485386
Ion Ratio Lower Upper
91 100
106 29.2 20.2 37.6



#53
m,p-Xylene
Concen: 27.644 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029514.D
Acq: 10 Jul 2024 18:14

Tgt Ion: 106 Resp: 178126
Ion Ratio Lower Upper
106 100
91 216.2 149.3 277.3





#54

o-Xylene

Concen: 28.863 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Instrument :

MSVOA_W

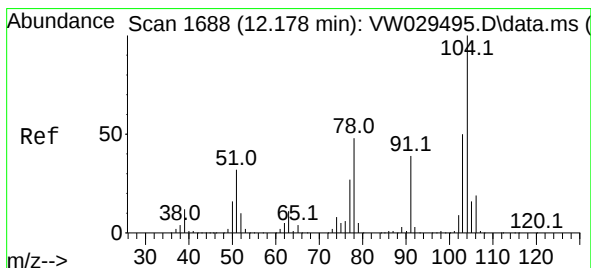
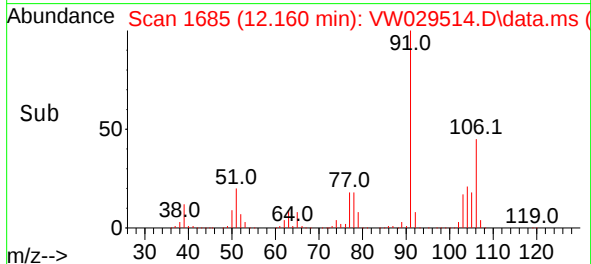
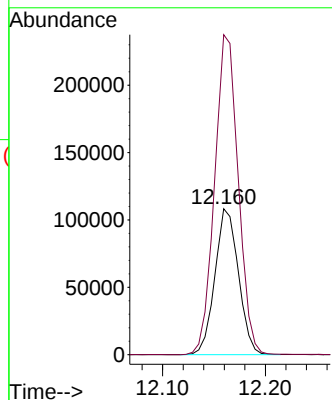
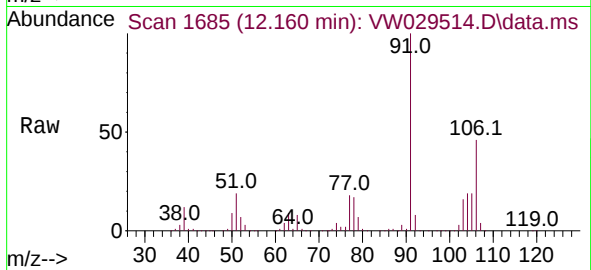
ClientSampleId :

Tgt Ion:106 Resp: 172019

Ion Ratio Lower Upper

106 100

91 219.3 159.2 295.6



#55

Styrene

Concen: 28.822 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029514.D

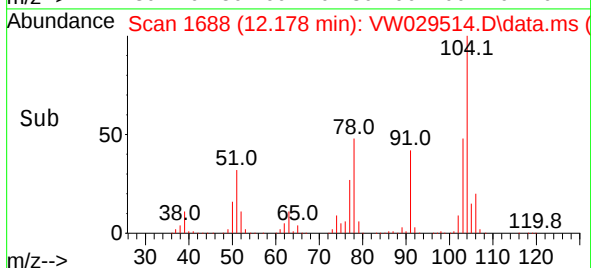
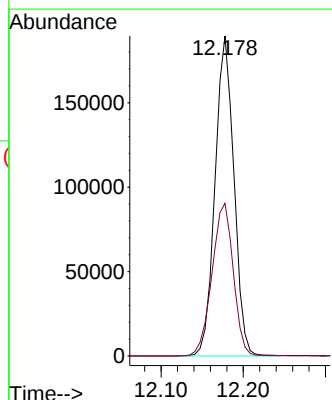
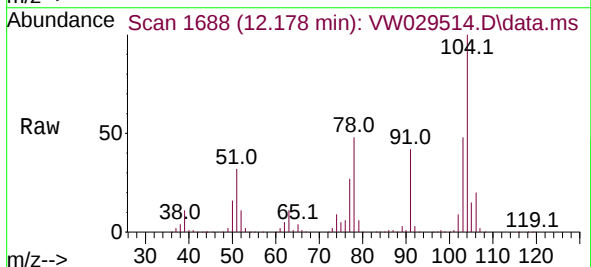
Acq: 10 Jul 2024 18:14

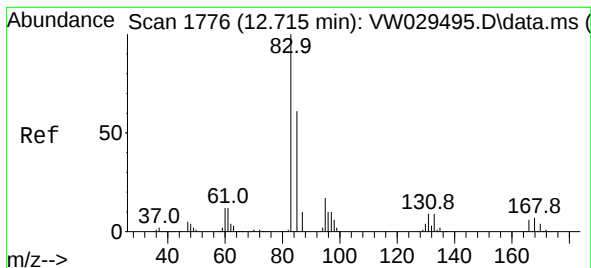
Tgt Ion:104 Resp: 302045

Ion Ratio Lower Upper

104 100

78 47.7 34.7 64.5





#57

1,1,2-Tetrachloroethane

Concen: 24.573 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Instrument :

MSVOA_W

ClientSampleId :

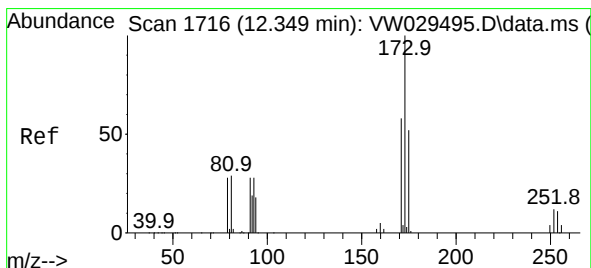
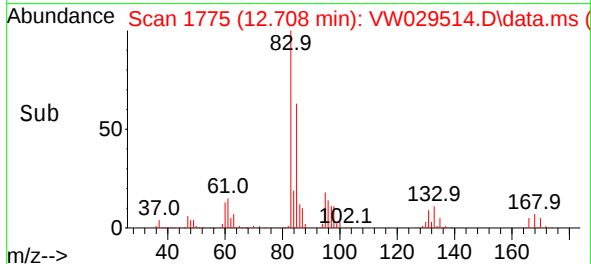
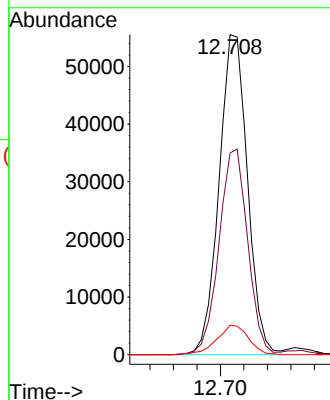
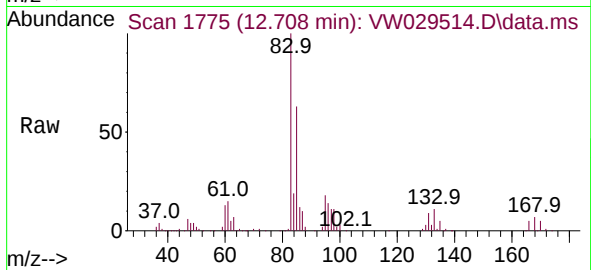
Tgt Ion: 83 Resp: 93353

Ion Ratio Lower Upper

83 100

85 63.1 45.4 84.4

131 9.3 6.4 9.6



#59

Bromoform

Concen: 22.646 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

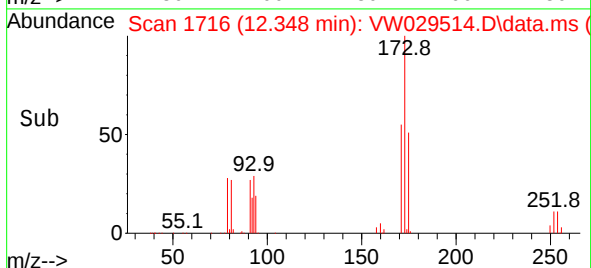
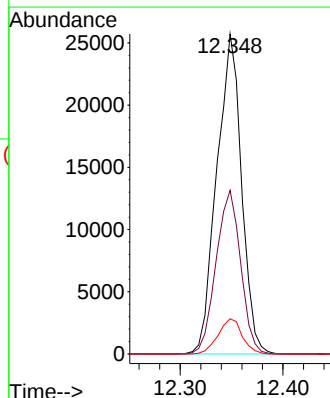
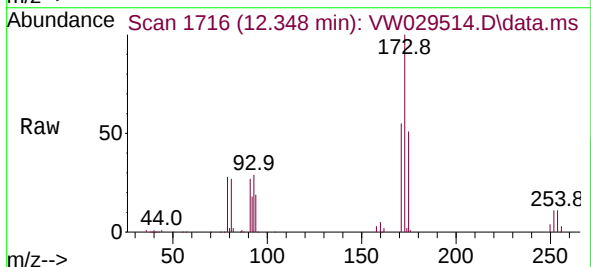
Tgt Ion:173 Resp: 42935

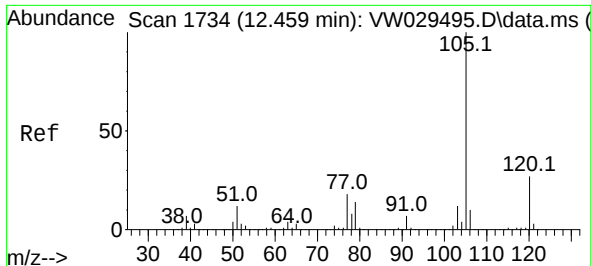
Ion Ratio Lower Upper

173 100

175 50.7 40.4 60.6

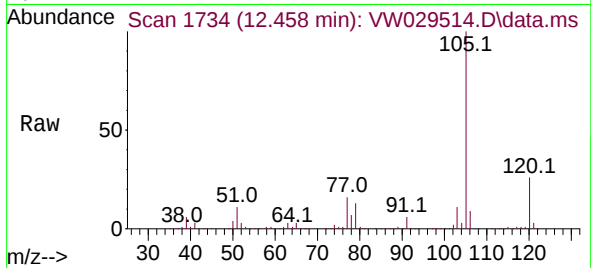
254 10.7 8.8 13.2



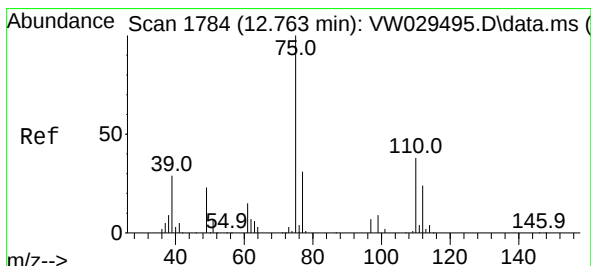
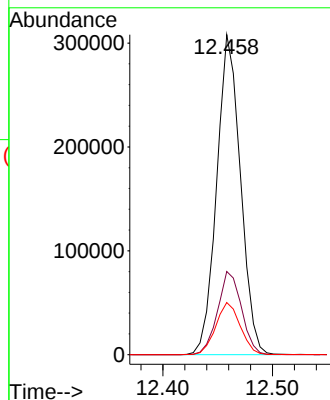
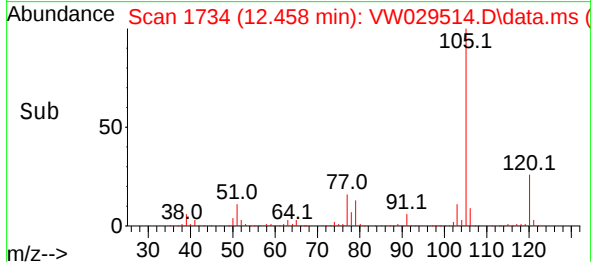


#60
Isopropylbenzene
Concen: 26.885 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029514.D
Acq: 10 Jul 2024 18:14

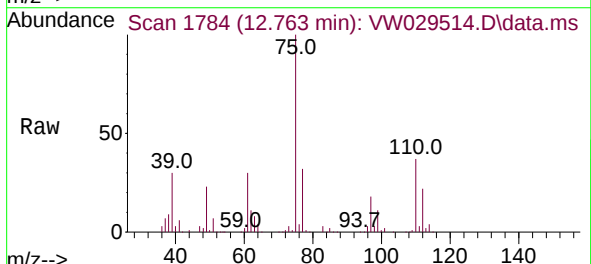
Instrument :
MSVOA_W
ClientSampleId :



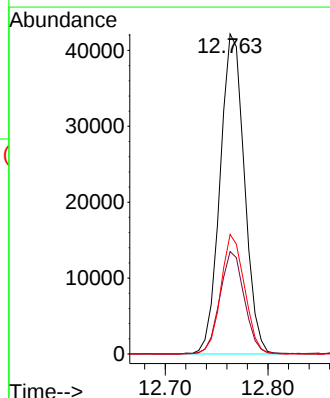
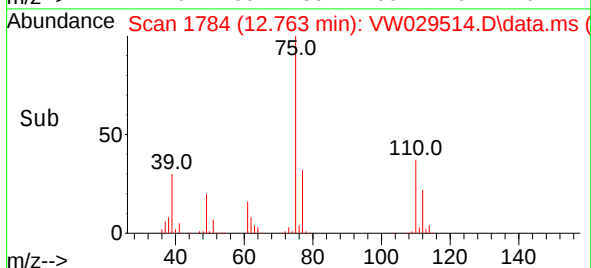
Tgt Ion:105 Resp: 464611
Ion Ratio Lower Upper
105 100
120 26.1 20.2 30.4
77 16.8 13.6 20.4

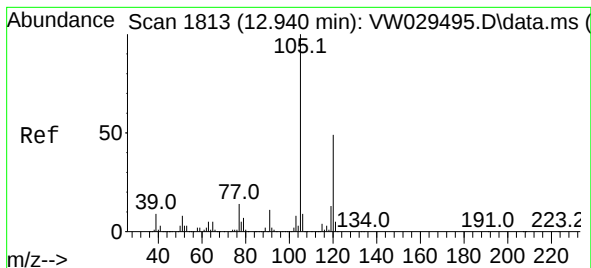


#61
1,2,3-Trichloropropane
Concen: 23.343 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029514.D
Acq: 10 Jul 2024 18:14



Tgt Ion: 75 Resp: 69388
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3
110 36.5 29.1 43.7

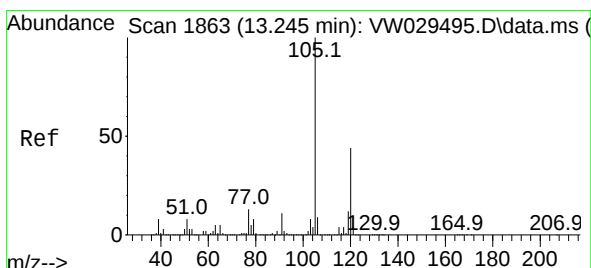
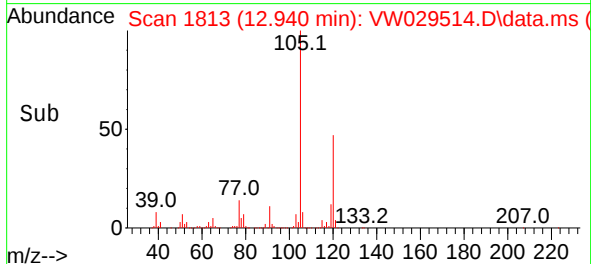
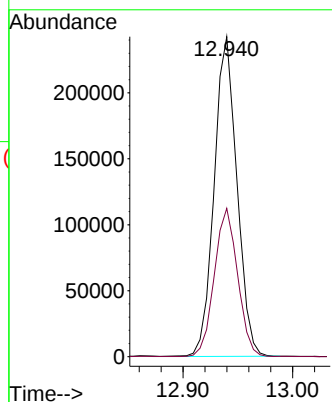
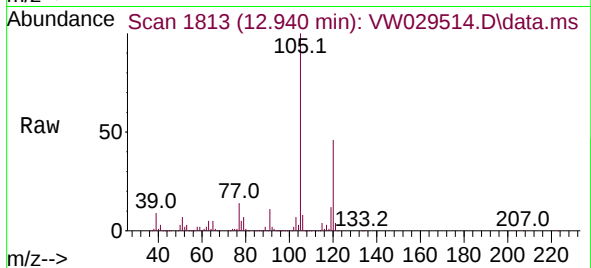




#62
1,3,5-Trimethylbenzene
Concen: 28.408 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029514.D
Acq: 10 Jul 2024 18:14

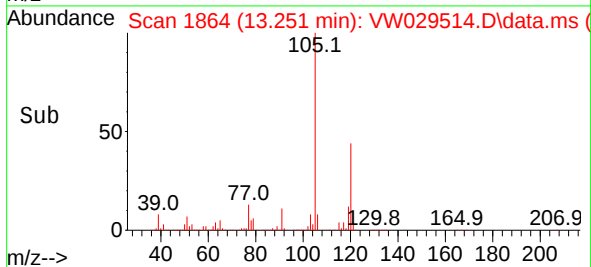
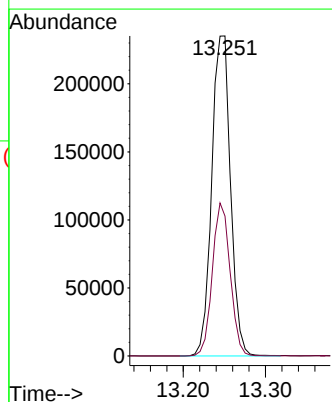
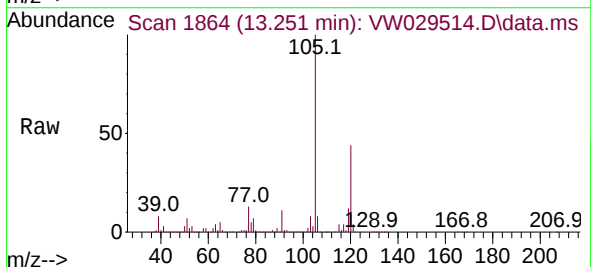
Instrument :
MSVOA_W
ClientSampleId :

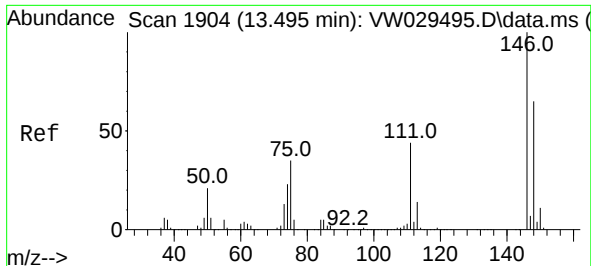
Tgt Ion:105 Resp: 349213
Ion Ratio Lower Upper
105 100
120 47.6 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 27.603 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW029514.D
Acq: 10 Jul 2024 18:14

Tgt Ion:105 Resp: 374491
Ion Ratio Lower Upper
105 100
120 45.2 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 25.300 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Instrument :

MSVOA_W

ClientSampleId :

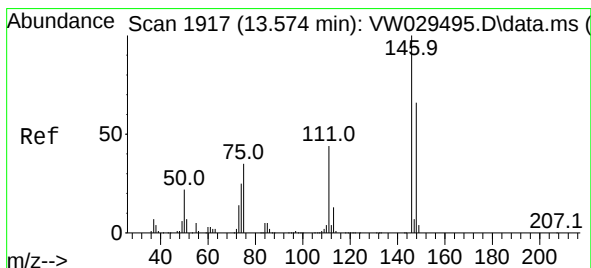
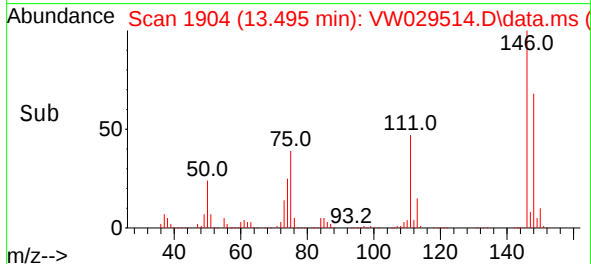
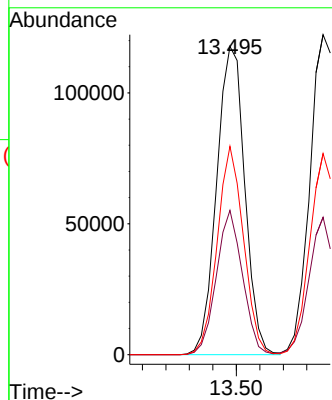
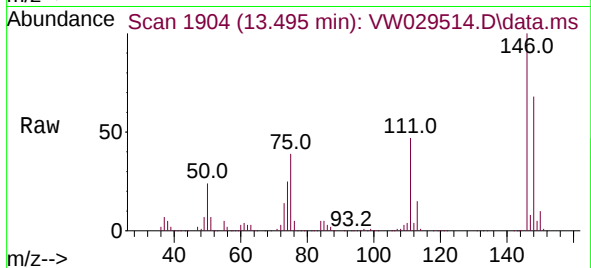
Tgt Ion:146 Resp: 195981

Ion Ratio Lower Upper

146 100

111 46.8 28.6 53.2

148 67.5 43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 25.621 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

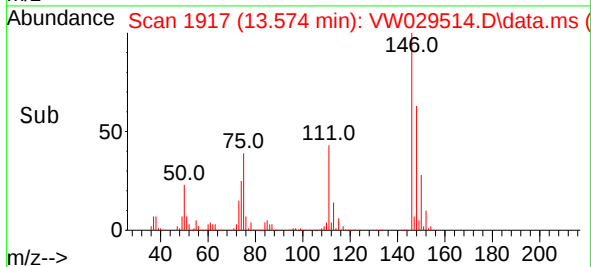
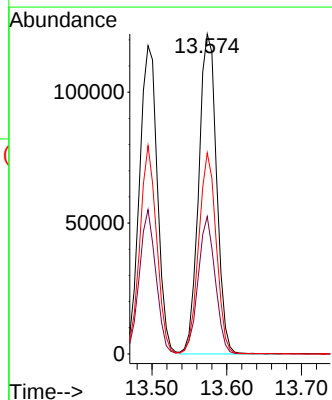
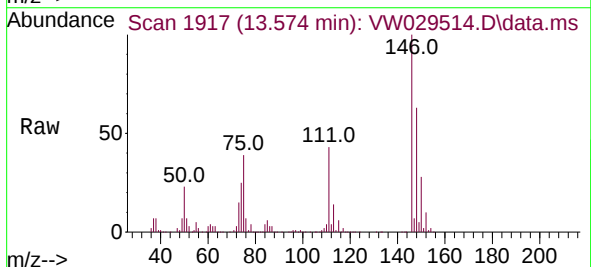
Tgt Ion:146 Resp: 203326

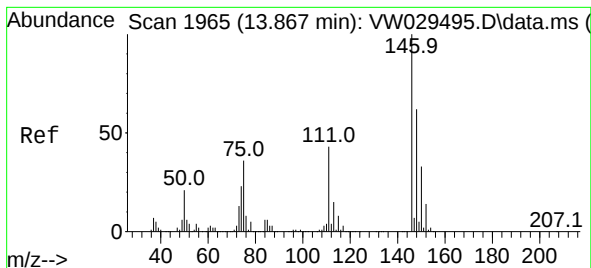
Ion Ratio Lower Upper

146 100

111 43.0 27.6 51.4

148 62.9 40.9 75.9

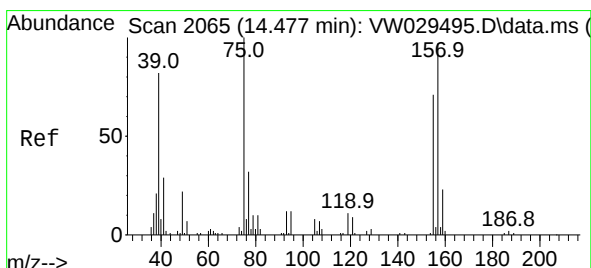
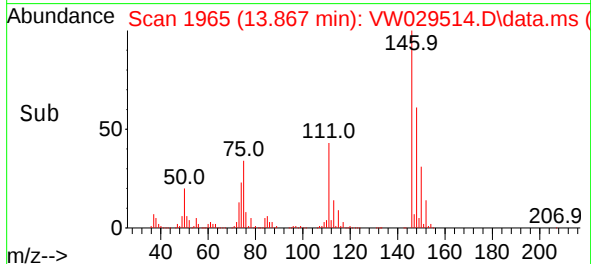
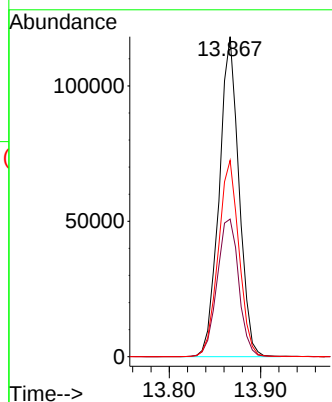
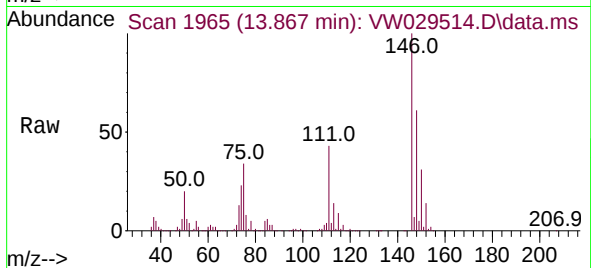




#67
1,2-Dichlorobenzene
Concen: 25.440 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029514.D
Acq: 10 Jul 2024 18:14

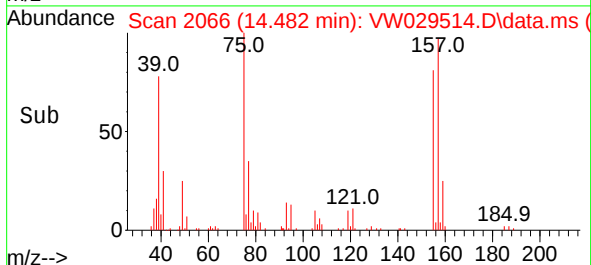
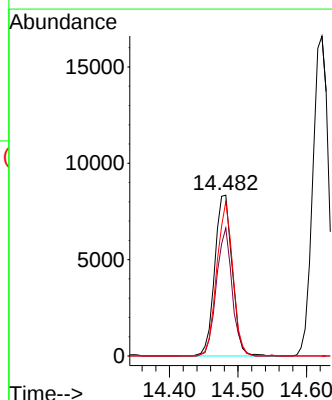
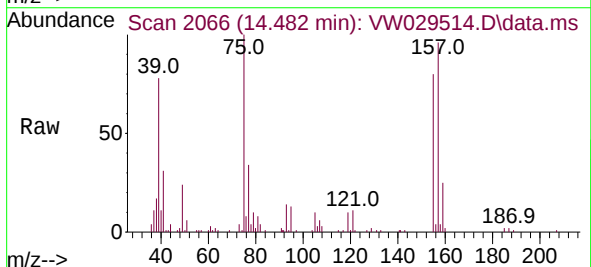
Instrument :
MSVOA_W
ClientSampleId :

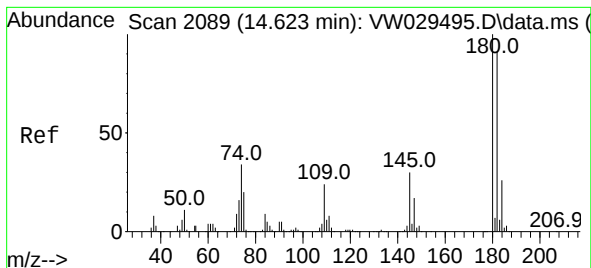
Tgt Ion:146 Resp: 178136
Ion Ratio Lower Upper
146 100
111 43.0 37.1 55.7
148 61.4 50.7 76.1



#68
1,2-Dibromo-3-chloropropane
Concen: 20.711 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW029514.D
Acq: 10 Jul 2024 18:14

Tgt Ion: 75 Resp: 14718
Ion Ratio Lower Upper
75 100
155 79.6 51.2 76.8#
157 96.1 63.7 95.5#





#69

1,3,5-Trichlorobenzene

Concen: 25.483 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

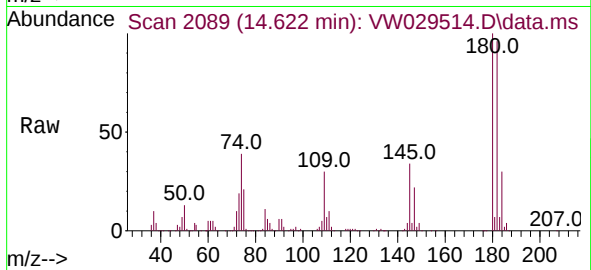
Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 128773

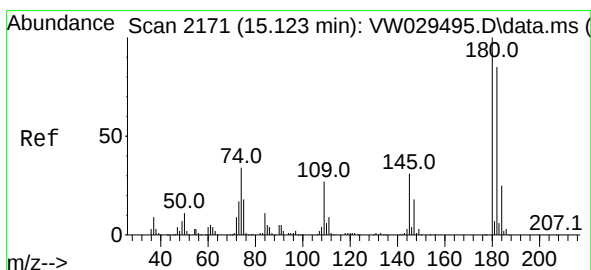
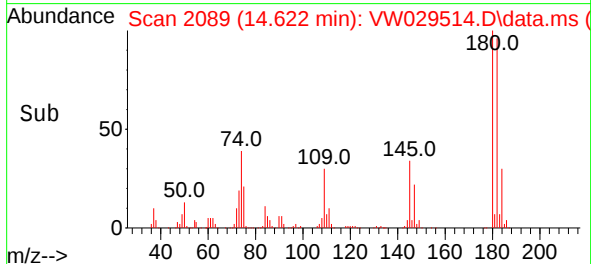
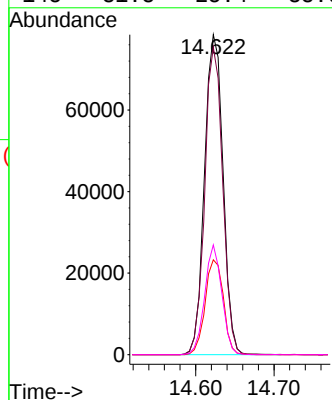
Ion Ratio Lower Upper

180 100

182 93.1 77.9 116.9

184 29.3 24.4 36.6

145 31.8 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 24.208 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029514.D

Acq: 10 Jul 2024 18:14

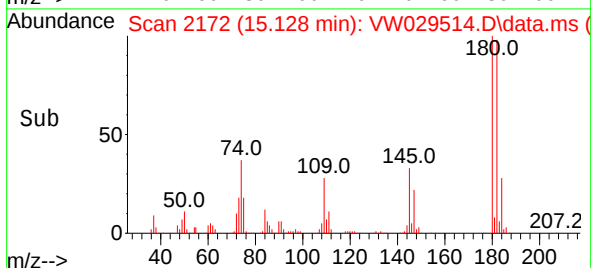
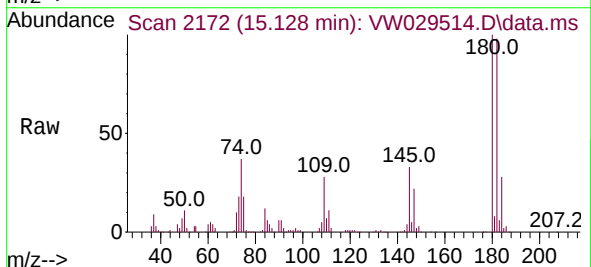
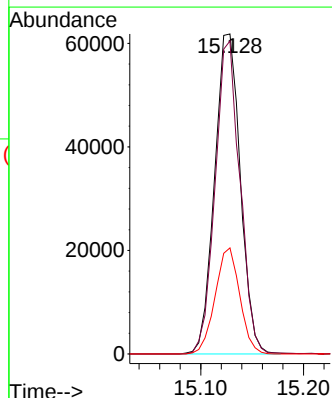
Tgt Ion:180 Resp: 107639

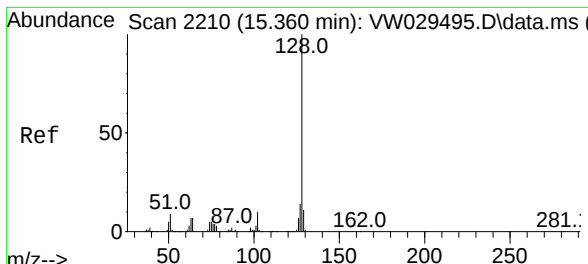
Ion Ratio Lower Upper

180 100

182 94.2 74.7 112.1

145 31.7 26.2 39.2



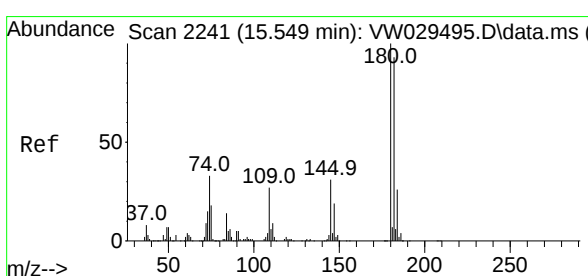
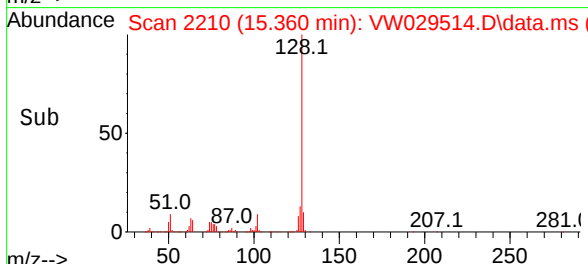
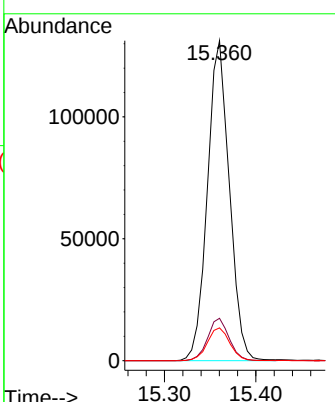
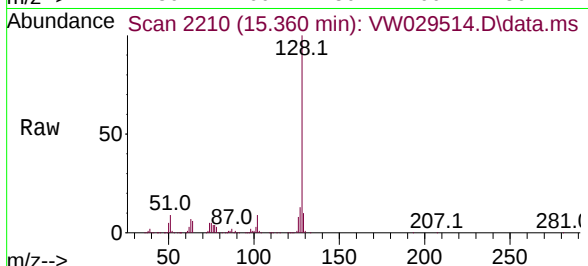


#71
Naphthalene
Concen: 23.459 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029514.D
Acq: 10 Jul 2024 18:14

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 218938

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	10.5	9.0	13.4



#72
1,2,3-Trichlorobenzene
Concen: 24.229 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW029514.D
Acq: 10 Jul 2024 18:14

Tgt Ion:180 Resp: 97882

Ion	Ratio	Lower	Upper
180	100		
182	92.6	73.4	110.0
145	33.4	26.9	40.3

