

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072924\
 Data File : VW029791.D
 Acq On : 29 Jul 2024 17:04
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 06:57:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 30 06:26:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	220651	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	213111	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	103915	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	68791	21.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.840%
7) Chloroethane-d5	2.893	69	54720	24.468	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.880%
11) 1,1-Dichloroethene-d2	4.021	65	32722	22.884	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.520%
21) 2-Butanone-d5	7.075	46	48840	56.885	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.760%
24) Chloroform-d	7.642	84	160086	28.027	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.120%
26) 1,2-Dichloroethane-d4	8.301	65	94919	29.175	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.720%
32) Benzene-d6	8.270	84	306215	26.593	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.360%
36) 1,2-Dichloropropane-d6	9.270	67	99901	27.171	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.680%
41) Toluene-d8	10.319	98	277510	27.105	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.400%
43) trans-1,3-Dichloroprop...	10.575	79	39935	26.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.360%
47) 2-Hexanone-d5	10.922	63	34391	56.726	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80769	29.585	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.360%
66) 1,2-Dichlorobenzene-d4	13.849	152	88451	27.413	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.640%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	66164	22.245	ug/L	92
3) Chloromethane	2.223	50	78765	21.401	ug/L	97
5) Vinyl chloride	2.375	62	89426	21.685	ug/L	99
6) Bromomethane	2.783	94	49730	21.961	ug/L	99
8) Chloroethane	2.936	64	50855	21.678	ug/L	100
9) Trichlorofluoromethane	3.259	101	66452	20.174	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	67394	20.543	ug/L #	68
12) 1,1-Dichloroethene	4.039	96	64724	21.472	ug/L #	83
13) Acetone	4.119	43	40325	37.793	ug/L	99
14) Carbon disulfide	4.387	76	215556	21.488	ug/L	99
15) Methyl Acetate	4.667	43	40326	22.691	ug/L	99
16) Methylene chloride	4.917	84	92818	20.122	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	72090	22.193	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	114998	21.480	ug/L	98
19) 1,1-Dichloroethane	6.216	63	151630	22.133	ug/L	99
20) cis-1,2-Dichloroethene	7.161	96	75389	21.396	ug/L	93
22) 2-Butanone	7.167	43	55401	40.523	ug/L	99
23) Bromochloromethane	7.514	128	34510	23.070	ug/L	85
25) Chloroform	7.673	83	146650	22.720	ug/L	97

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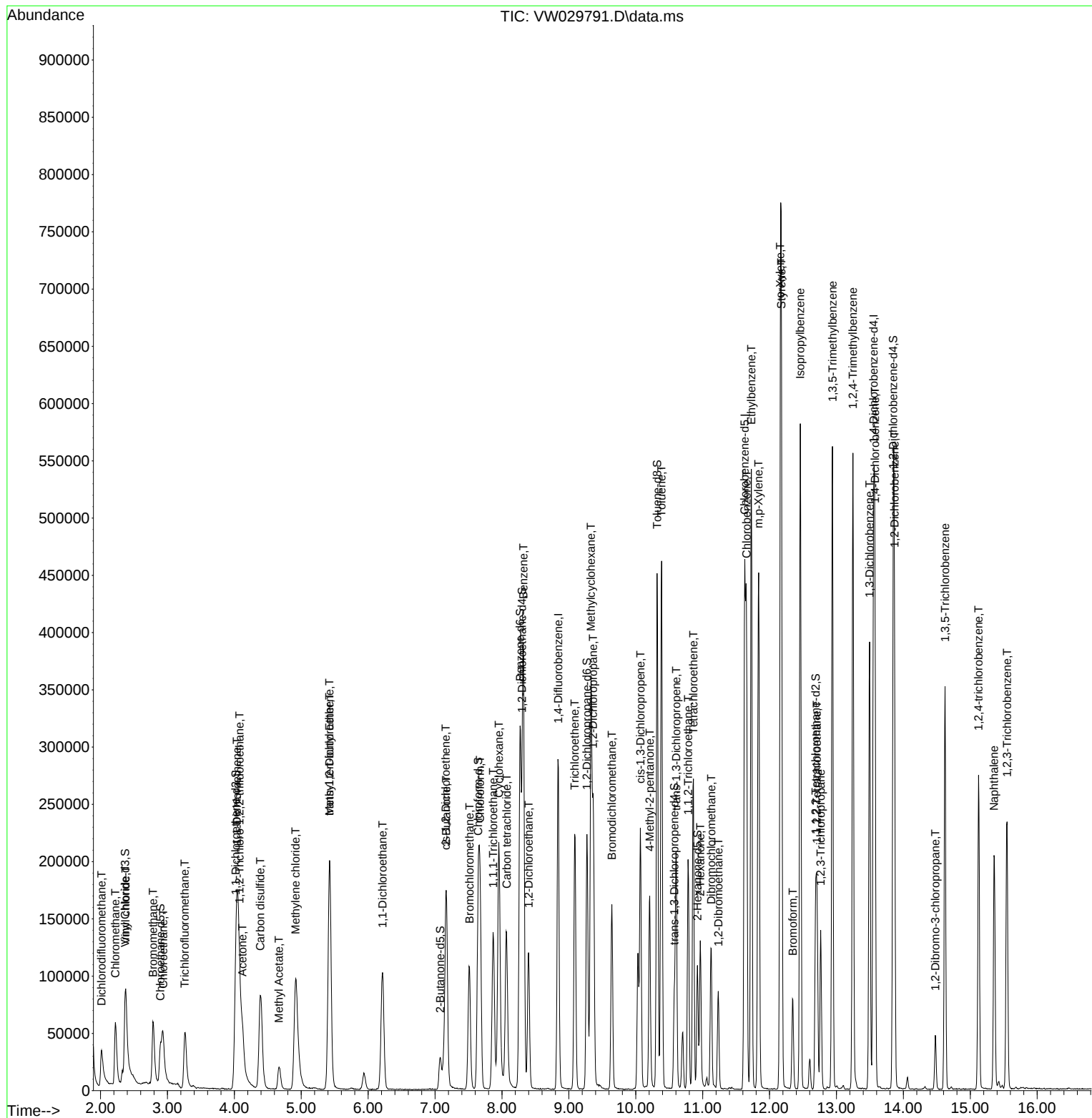
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	108396	23.043	ug/L	99
29) Cyclohexane	7.953	56	120606	19.914	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	111381	20.639	ug/L	99
31) Carbon tetrachloride	8.069	117	103394	21.262	ug/L	99
33) Benzene	8.319	78	314975	21.571	ug/L	100
34) Trichloroethene	9.087	95	78093	20.401	ug/L	91
35) Methylcyclohexane	9.331	83	130084	20.395	ug/L	98
37) 1,2-Dichloropropane	9.362	63	85277	21.311	ug/L	99
38) Bromodichloromethane	9.642	83	104796	21.993	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	124747	21.407	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	115686	45.516	ug/L	100
42) Toluene	10.386	91	322212	21.618	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	108862	22.503	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	59043	21.964	ug/L	95
46) Tetrachloroethene	10.861	164	56399	20.272	ug/L	95
48) 2-Hexanone	10.965	43	83035	43.620	ug/L	98
49) Dibromochloromethane	11.130	129	60719	21.758	ug/L	93
50) 1,2-Dibromoethane	11.233	107	55428	22.285	ug/L	99
51) Chlorobenzene	11.654	112	197366	21.289	ug/L	98
52) Ethylbenzene	11.727	91	359639	21.391	ug/L	98
53) m,p-Xylene	11.837	106	133265	21.553	ug/L	96
54) o-Xylene	12.160	106	127577	22.406	ug/L	99
55) Styrene	12.178	104	222347	22.528	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	73794	22.366	ug/L	97
59) Bromoform	12.349	173	33714	21.562	ug/L	100
60) Isopropylbenzene	12.459	105	349661	21.745	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	54198	21.444	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	279363	23.373	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	276584	21.638	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	144953	21.128	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	149304	21.186	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	130871	20.952	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	12517	21.812	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	95492	20.344	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	77302	19.548	ug/L	97
71) Naphthalene	15.354	128	165263	21.902	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	74397	20.786	ug/L	99

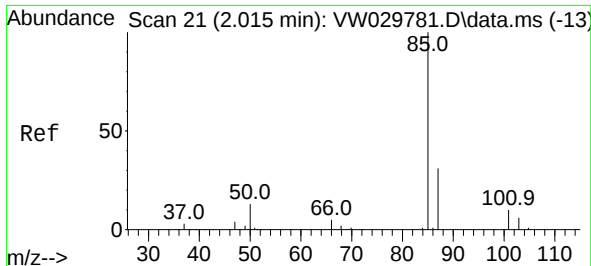
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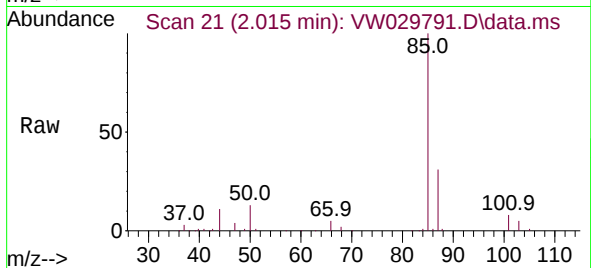
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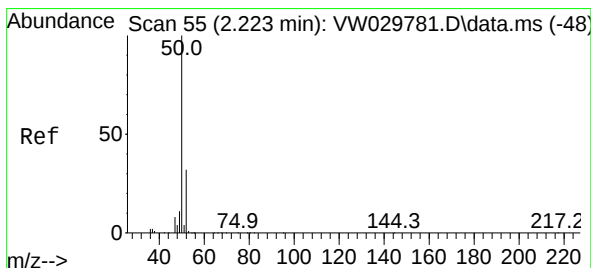
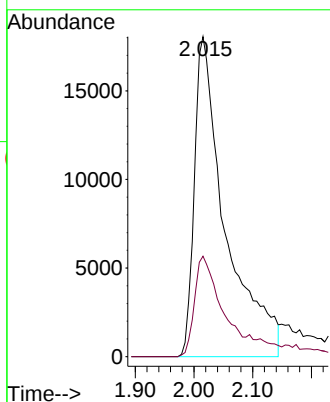
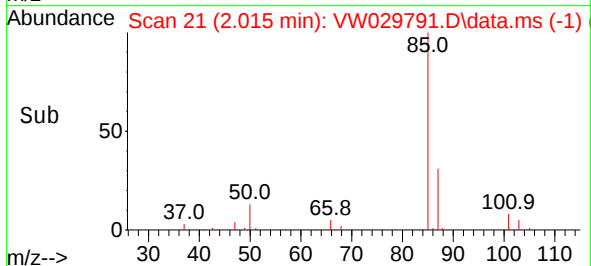


#2
Dichlorodifluoromethane
Concen: 22.245 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW029791.D
Acq: 29 Jul 2024 17:04

Instrument :
MSVOA_W
ClientSampleId :

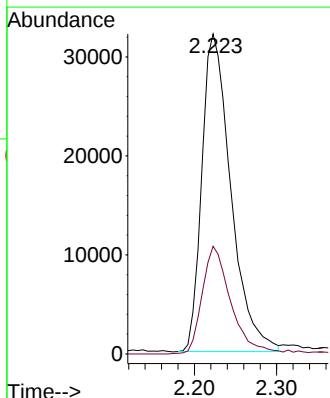
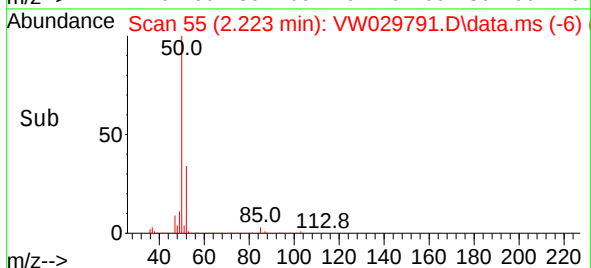
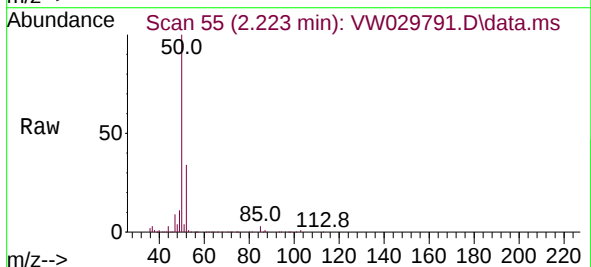


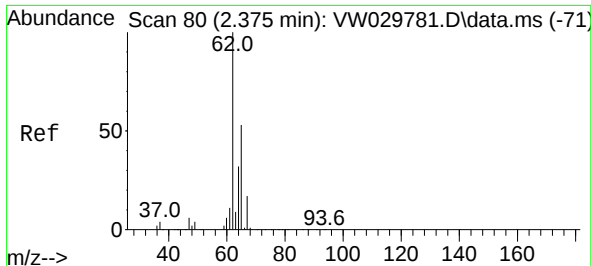
Tgt Ion: 85 Resp: 66164
Ion Ratio Lower Upper
85 100
87 27.5 25.5 38.3



#3
Chloromethane
Concen: 21.401 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW029791.D
Acq: 29 Jul 2024 17:04

Tgt Ion: 50 Resp: 78765
Ion Ratio Lower Upper
50 100
52 33.7 22.5 41.9

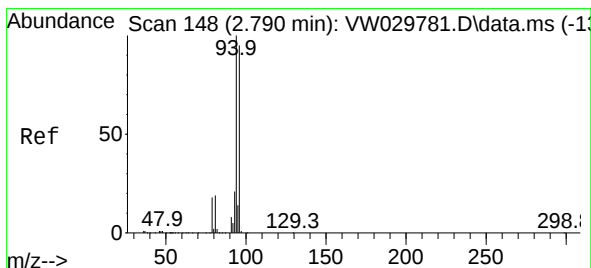
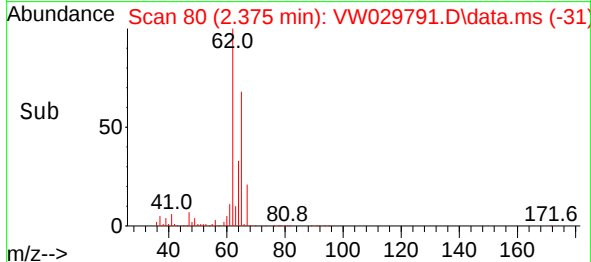
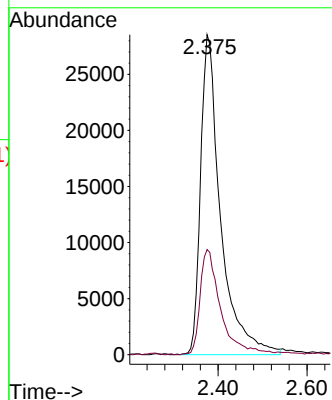
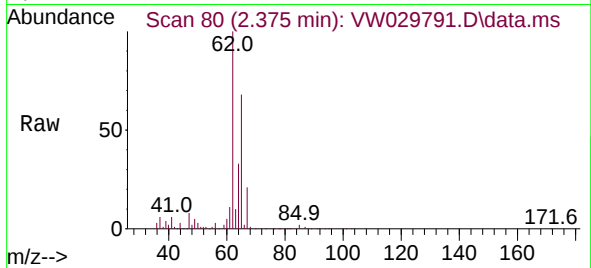




#5
 Vinyl chloride
 Concen: 21.685 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029791.D
 Acq: 29 Jul 2024 17:04

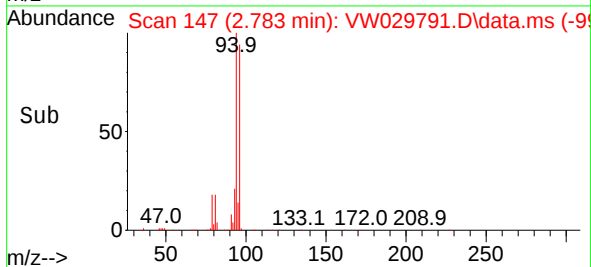
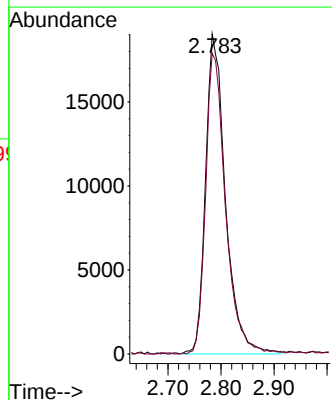
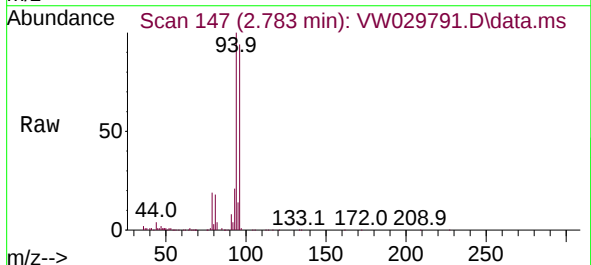
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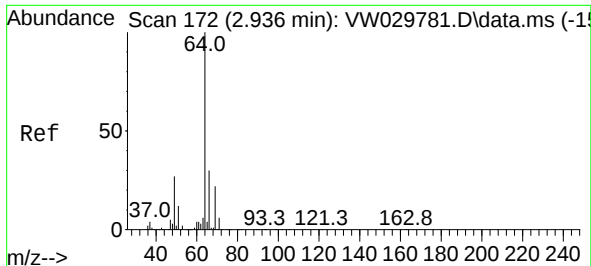
Tgt Ion: 62 Resp: 89426
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.2



#6
 Bromomethane
 Concen: 21.961 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW029791.D
 Acq: 29 Jul 2024 17:04

Tgt Ion: 94 Resp: 49730
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.2 123.0





#8

Chloroethane

Concen: 21.678 ug/L

RT: 2.936 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Instrument :

MSVOA_W

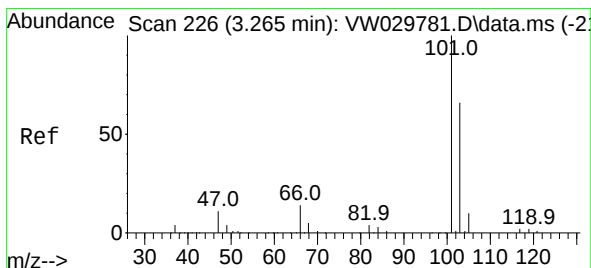
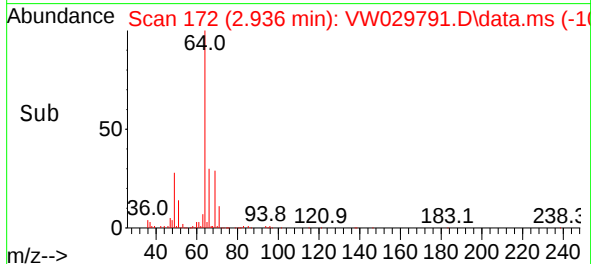
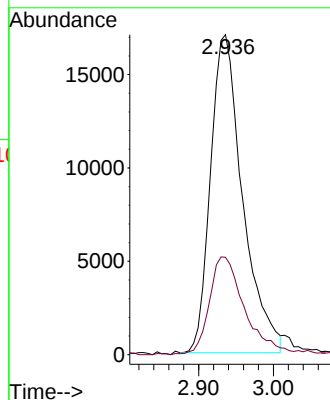
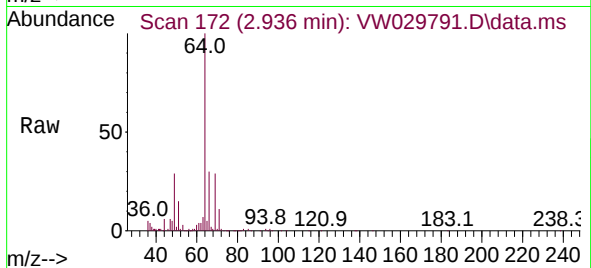
ClientSampleId :

Tgt Ion: 64 Resp: 50855

Ion Ratio Lower Upper

64 100

66 30.4 21.2 39.4



#9

Trichlorofluoromethane

Concen: 20.174 ug/L

RT: 3.259 min Scan# 225

Delta R.T. -0.006 min

Lab File: VW029791.D

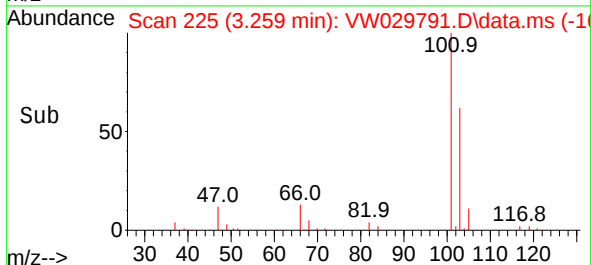
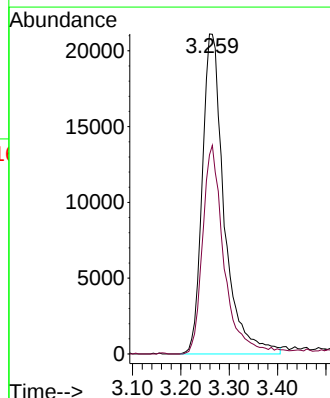
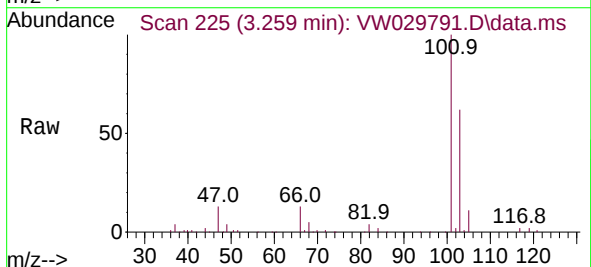
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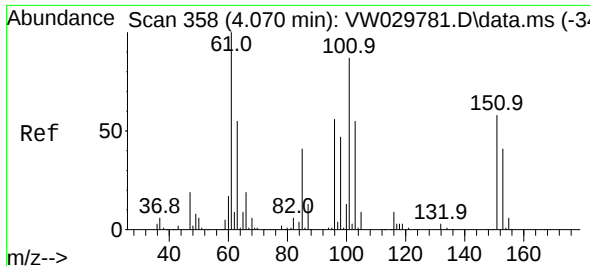
Tgt Ion:101 Resp: 66452

Ion Ratio Lower Upper

101 100

103 62.8 51.0 76.4





#10

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

Concen: 20.543 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Instrument :

MSVOA_W

ClientSampleId :

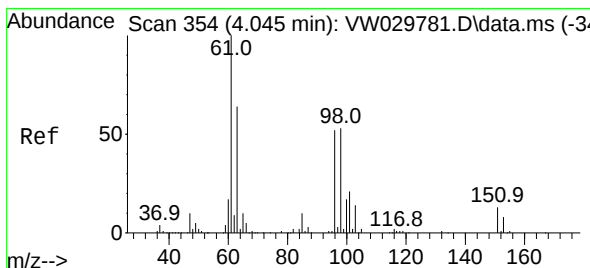
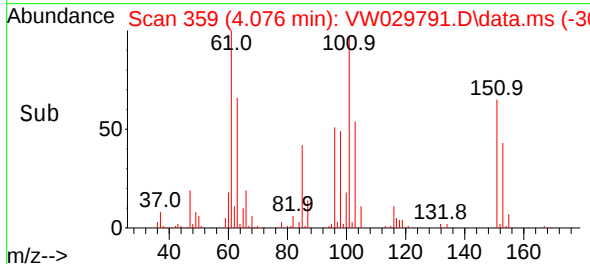
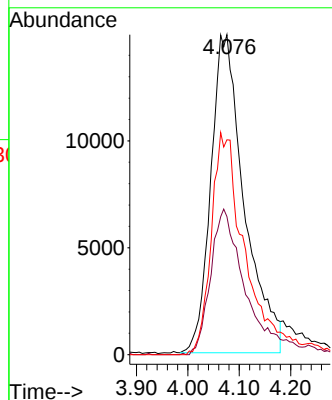
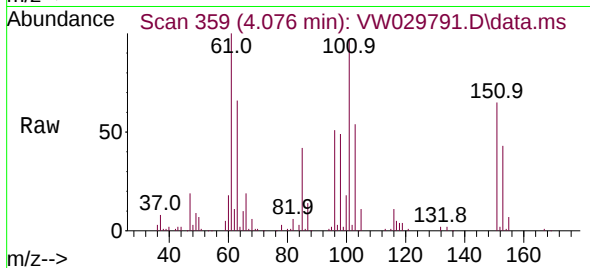
Tgt Ion:101 Resp: 67394

Ion Ratio Lower Upper

101 100

85 46.1 34.2 51.4

151 28.1 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 21.472 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

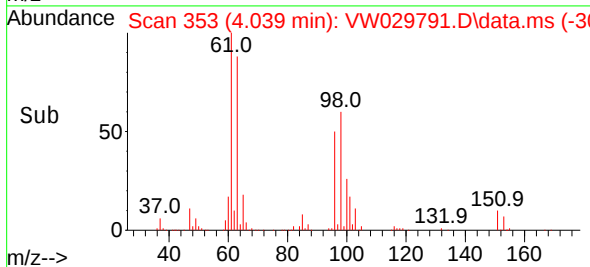
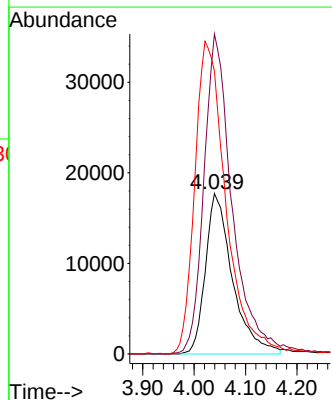
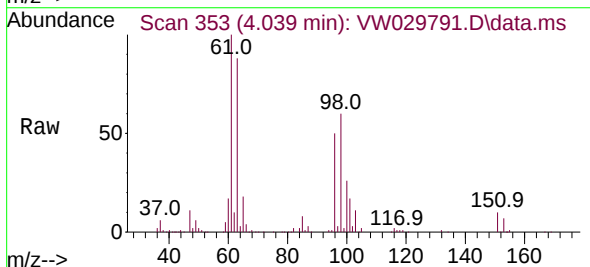
Tgt Ion: 96 Resp: 64724

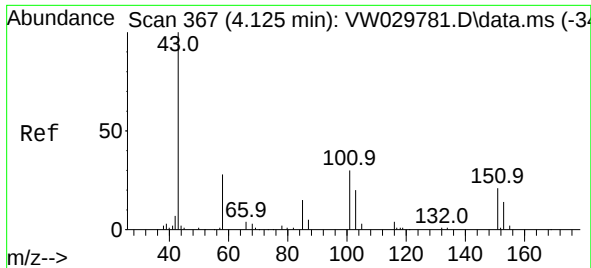
Ion Ratio Lower Upper

96 100

61 199.4 138.3 256.9

63 176.1 89.0 165.4#

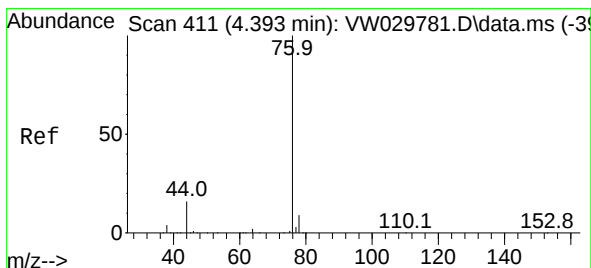
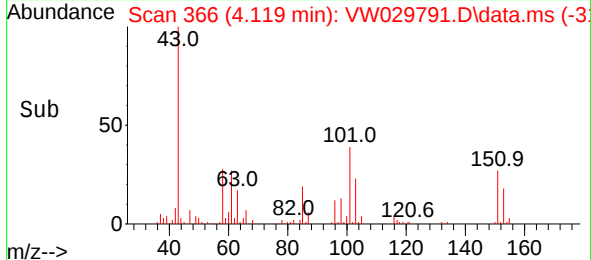
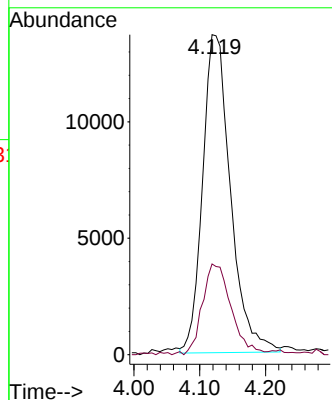
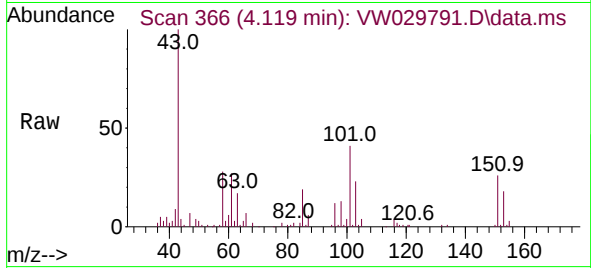




#13
Acetone
Concen: 37.793 ug/L
RT: 4.119 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW029791.D
Acq: 29 Jul 2024 17:04

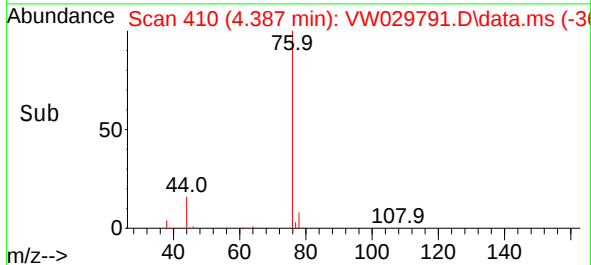
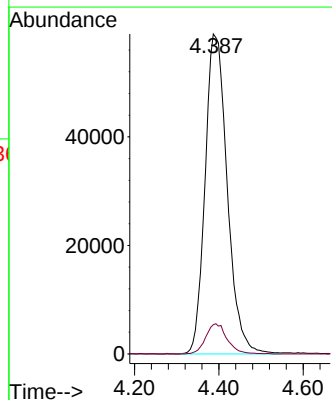
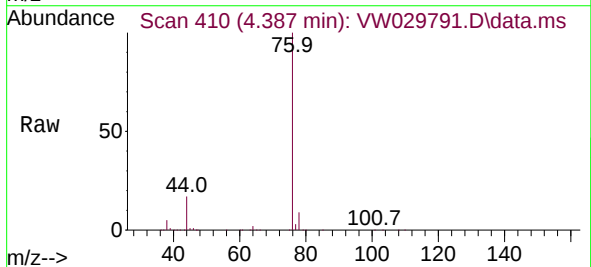
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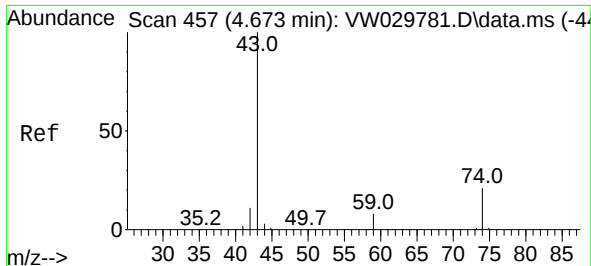
Tgt Ion: 43 Resp: 40325
Ion Ratio Lower Upper
43 100
58 29.2 0.0 57.6



#14
Carbon disulfide
Concen: 21.488 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Acq: 29 Jul 2024 17:04

Tgt Ion: 76 Resp: 215556
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4





#15

Methyl Acetate

Concen: 22.691 ug/L

RT: 4.667 min Scan# 4

Delta R.T. -0.006 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Instrument :

MSVOA_W

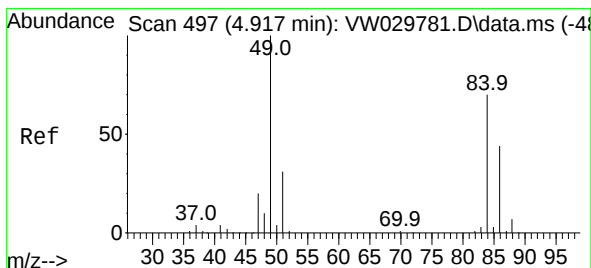
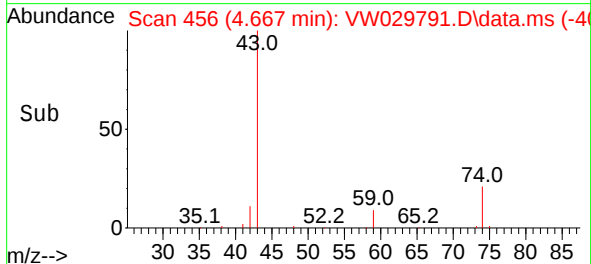
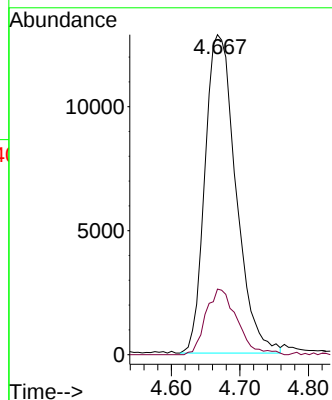
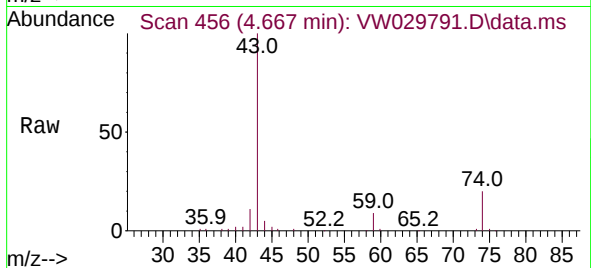
ClientSampleId :

Tgt Ion: 43 Resp: 40326

Ion Ratio Lower Upper

43 100

74 20.3 16.5 24.7



#16

Methylene chloride

Concen: 20.122 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

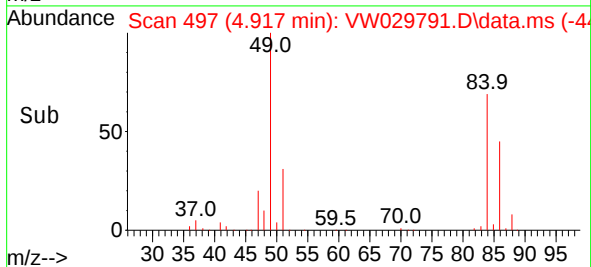
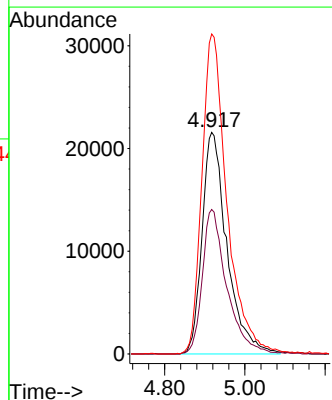
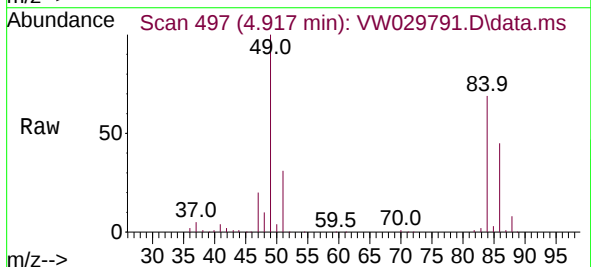
Tgt Ion: 84 Resp: 92818

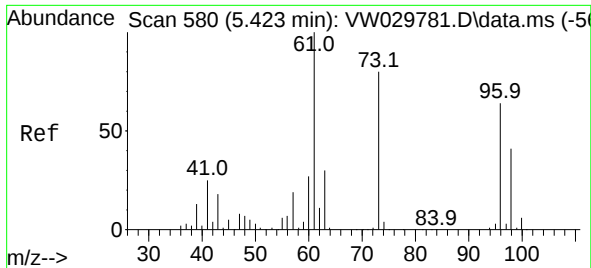
Ion Ratio Lower Upper

84 100

86 65.2 44.7 82.9

49 144.4 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 22.193 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Instrument :

MSVOA_W

ClientSampleId :

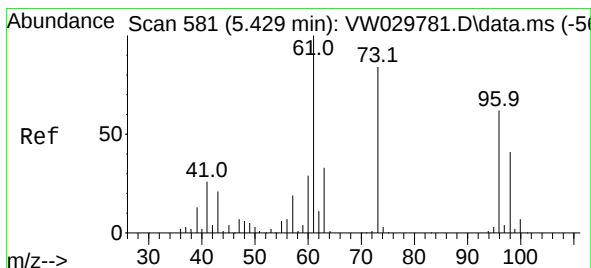
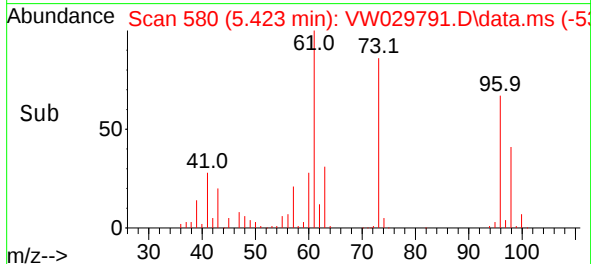
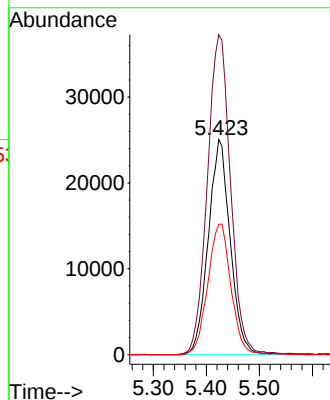
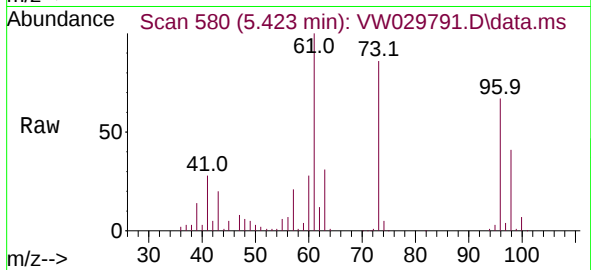
Tgt Ion: 96 Resp: 72090

Ion Ratio Lower Upper

96 100

61 148.7 111.2 206.6

98 60.6 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 21.480 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

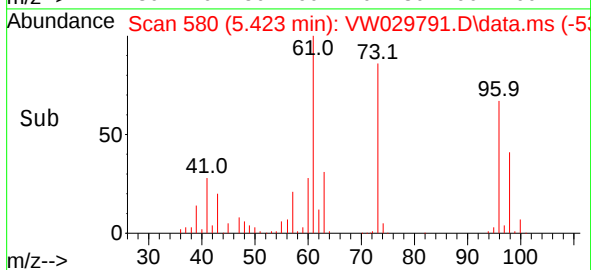
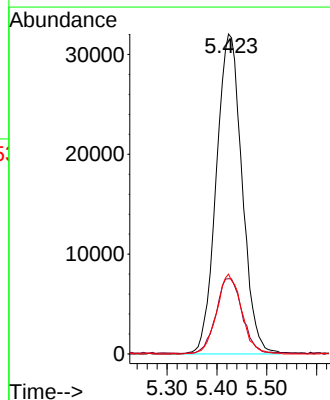
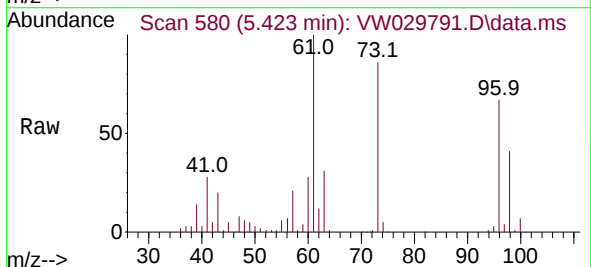
Tgt Ion: 73 Resp: 114998

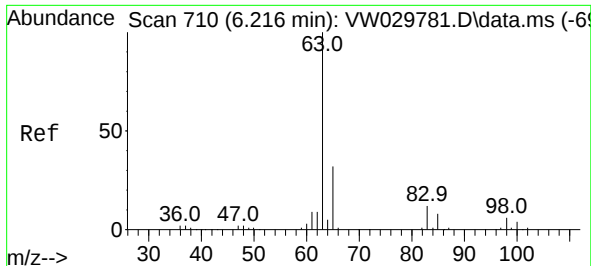
Ion Ratio Lower Upper

73 100

43 23.2 18.3 27.5

57 24.0 17.9 26.9

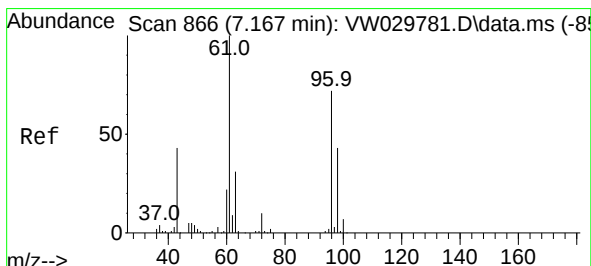
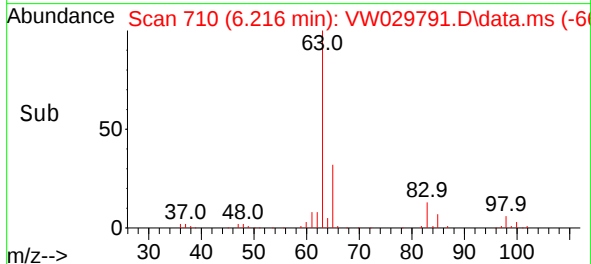
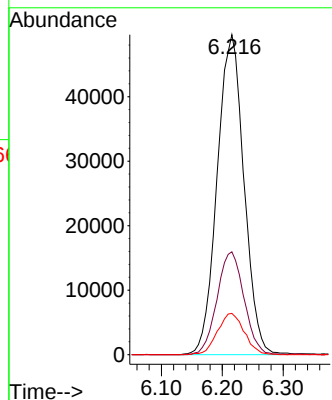
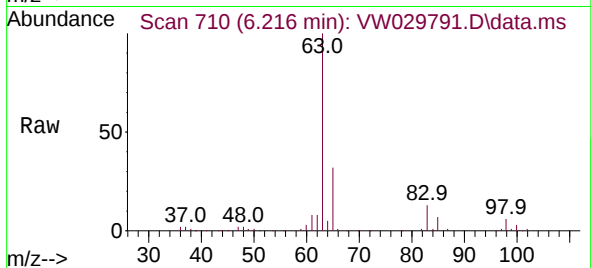




#19
 1,1-Dichloroethane
 Concen: 22.133 ug/L
 RT: 6.216 min Scan# 710
 Delta R.T. 0.000 min
 Lab File: VW029791.D
 Acq: 29 Jul 2024 17:04

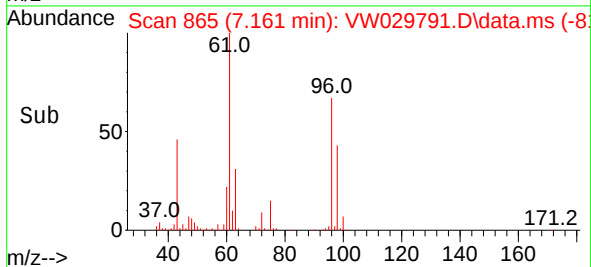
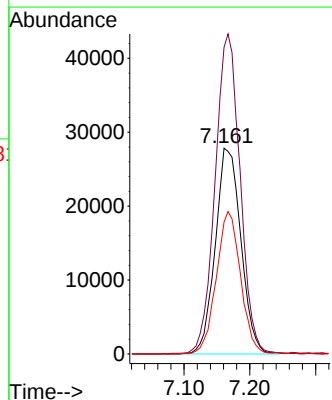
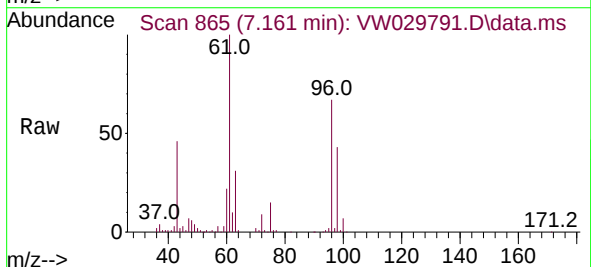
Instrument :
 MSVOA_W
 ClientSampleId :

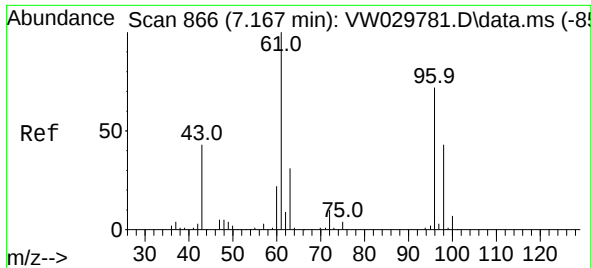
Tgt Ion: 63 Resp: 151630
 Ion Ratio Lower Upper
 63 100
 65 32.2 22.3 41.3
 83 12.9 8.5 15.7



#20
 cis-1,2-Dichloroethene
 Concen: 21.396 ug/L
 RT: 7.161 min Scan# 865
 Delta R.T. -0.006 min
 Lab File: VW029791.D
 Acq: 29 Jul 2024 17:04

Tgt Ion: 96 Resp: 75389
 Ion Ratio Lower Upper
 96 100
 61 149.1 98.2 182.4
 98 64.1 41.9 77.9

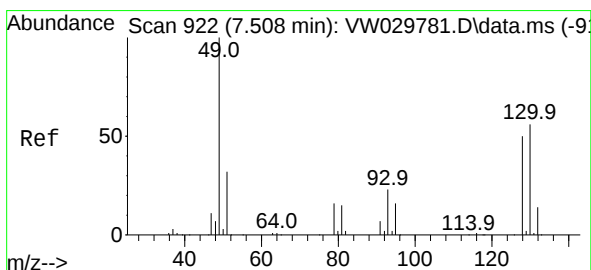
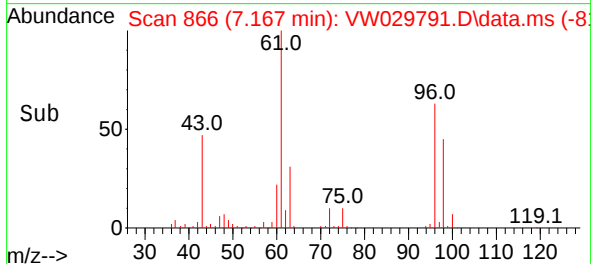
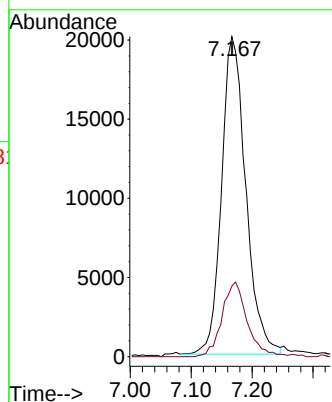
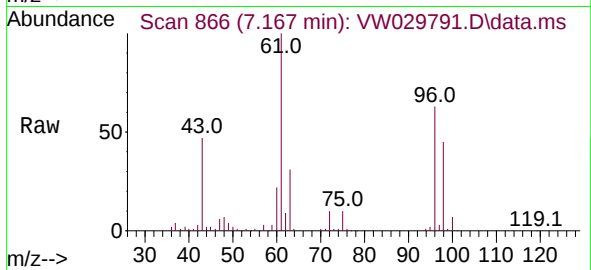




#22
2-Butanone
Concen: 40.523 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW029791.D
Acq: 29 Jul 2024 17:04

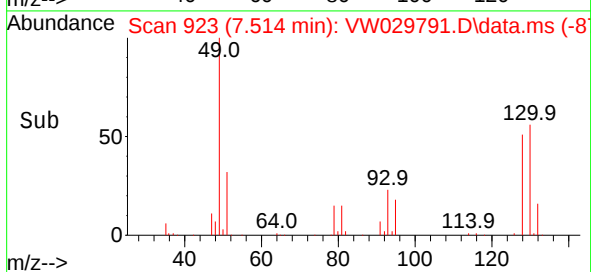
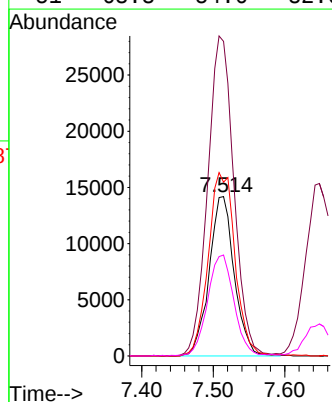
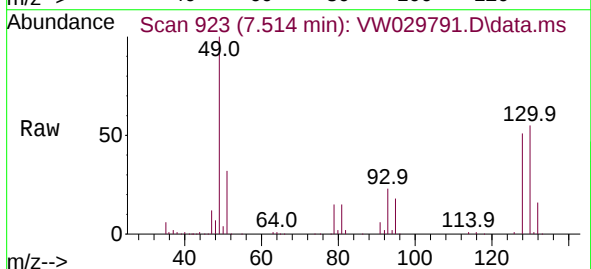
Instrument :
MSVOA_W
ClientSampleId :

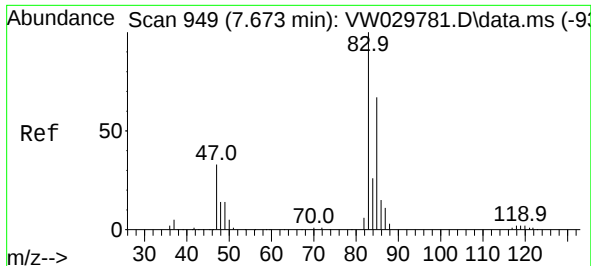
Tgt Ion: 43 Resp: 55401
Ion Ratio Lower Upper
43 100
72 24.1 11.7 35.1



#23
Bromochloromethane
Concen: 23.070 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW029791.D
Acq: 29 Jul 2024 17:04

Tgt Ion:128 Resp: 34510
Ion Ratio Lower Upper
128 100
49 197.4 151.1 280.7
130 109.1 96.8 179.8
51 63.3 54.6 82.0





#25

Chloroform

Concen: 22.720 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Instrument :

MSVOA_W

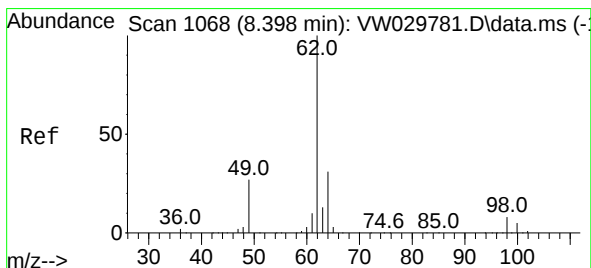
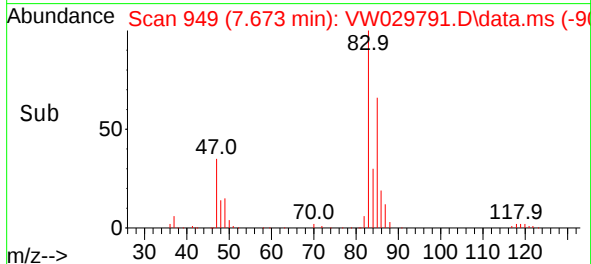
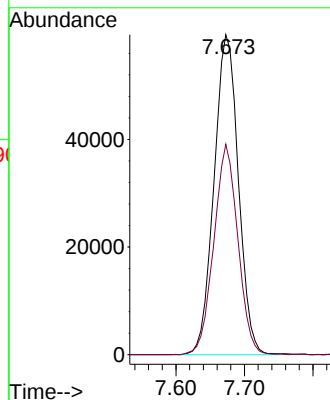
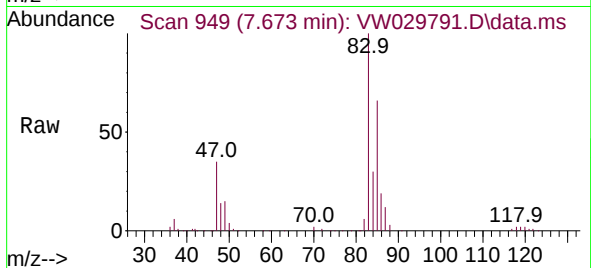
ClientSampleId :

Tgt Ion: 83 Resp: 146650

Ion Ratio Lower Upper

83 100

85 65.8 44.4 82.4



#27

1,2-Dichloroethane

Concen: 23.043 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029791.D

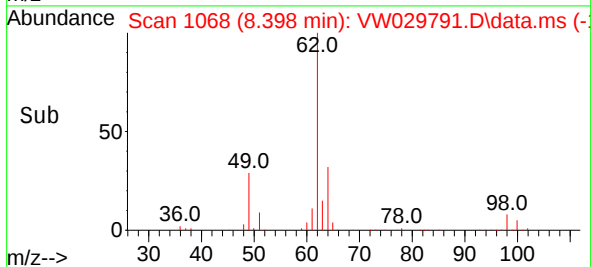
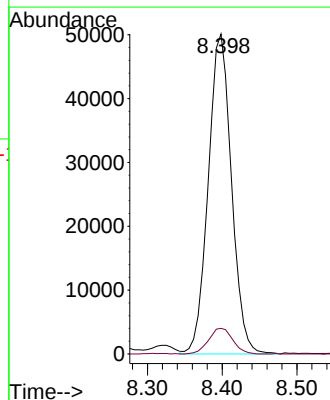
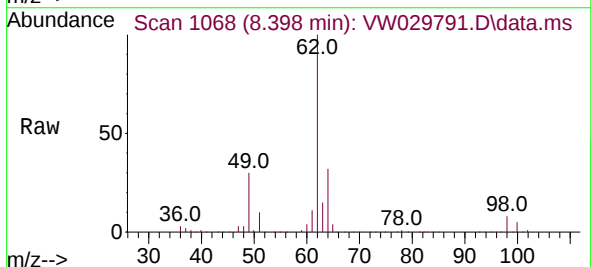
Acq: 29 Jul 2024 17:04

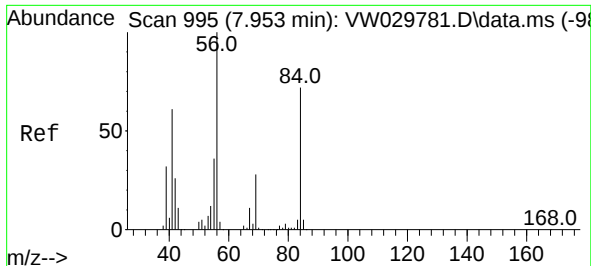
Tgt Ion: 62 Resp: 108396

Ion Ratio Lower Upper

62 100

98 8.0 6.6 10.0





#29

Cyclohexane

Concen: 19.914 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Instrument :

MSVOA_W

ClientSampleId :

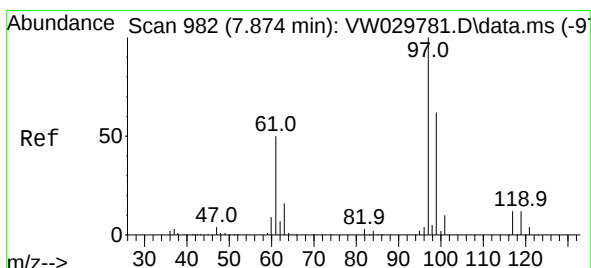
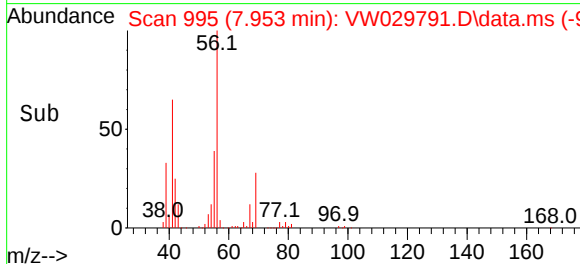
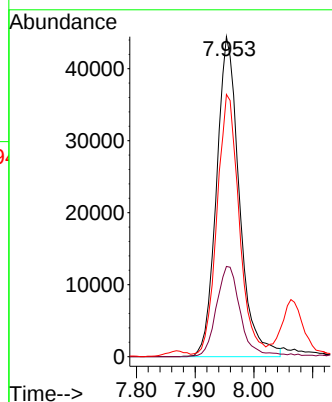
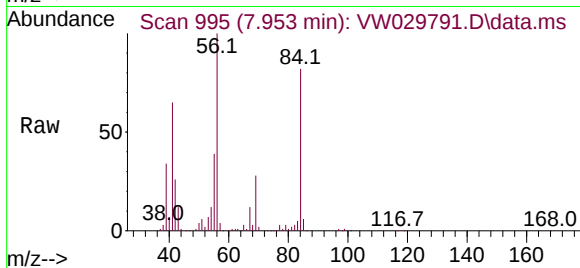
Tgt Ion: 56 Resp: 120606

Ion Ratio Lower Upper

56 100

69 29.5 23.0 34.4

84 79.3 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 20.639 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

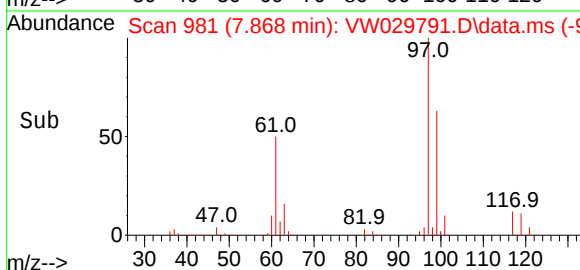
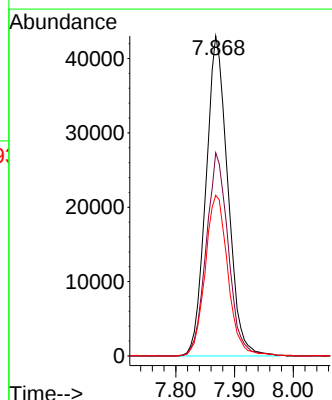
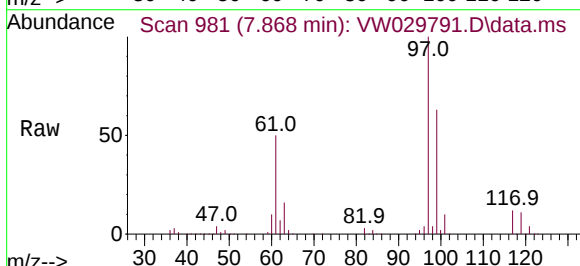
Tgt Ion: 97 Resp: 111381

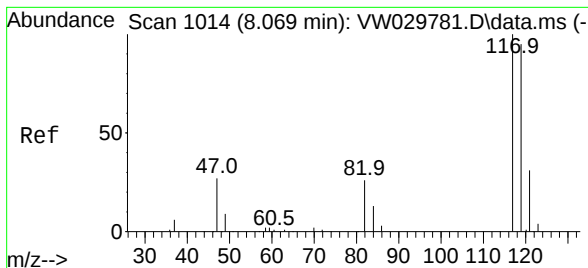
Ion Ratio Lower Upper

97 100

99 64.2 52.1 78.1

61 51.8 42.6 63.8





#31

Carbon tetrachloride

Concen: 21.262 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Instrument :

MSVOA_W

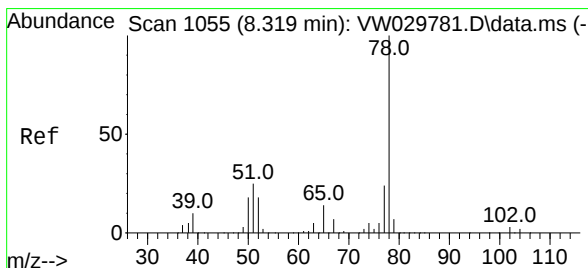
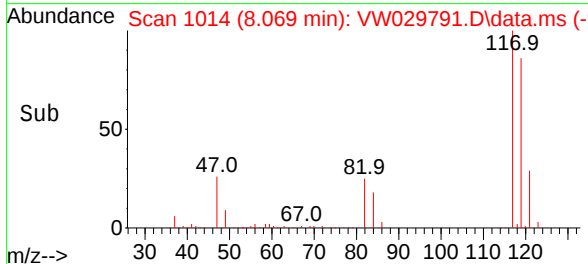
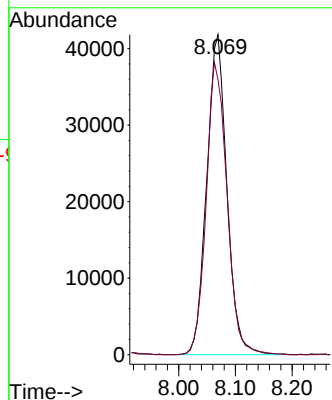
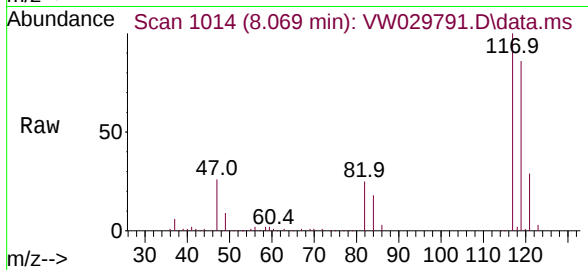
ClientSampleId :

Tgt Ion:117 Resp: 103394

Ion Ratio Lower Upper

117 100

119 94.4 74.8 112.2



#33

Benzene

Concen: 21.571 ug/L

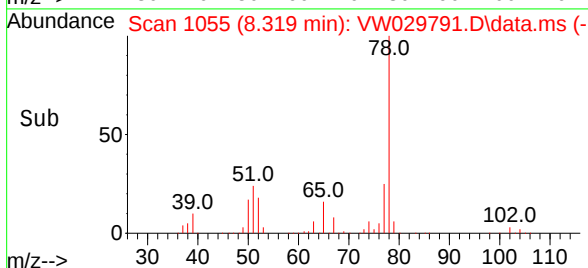
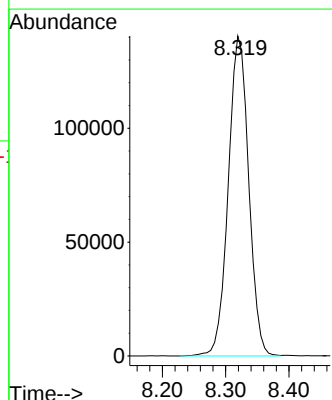
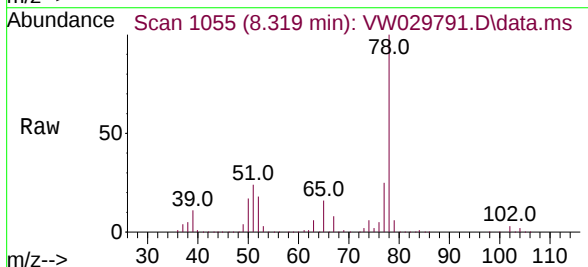
RT: 8.319 min Scan# 1055

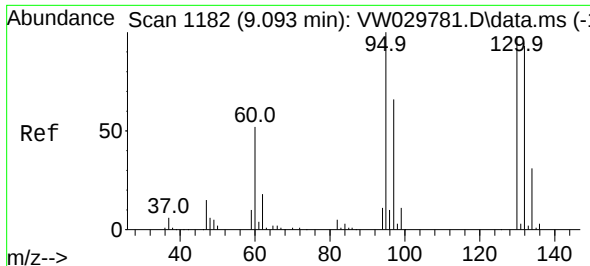
Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

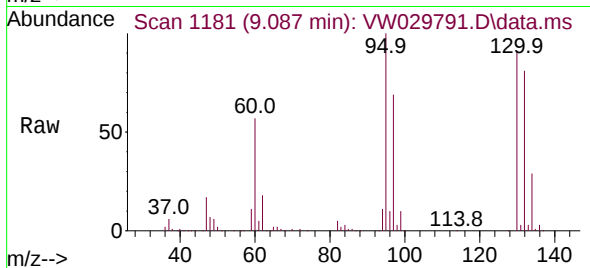
Tgt Ion: 78 Resp: 314975



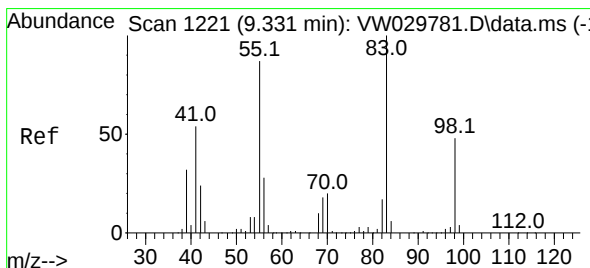
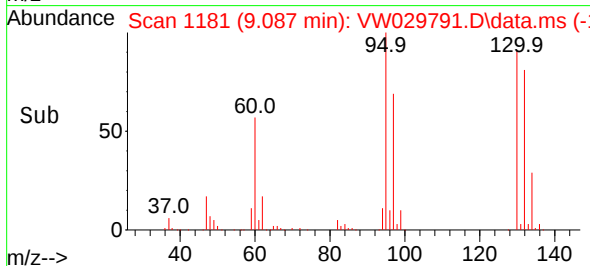
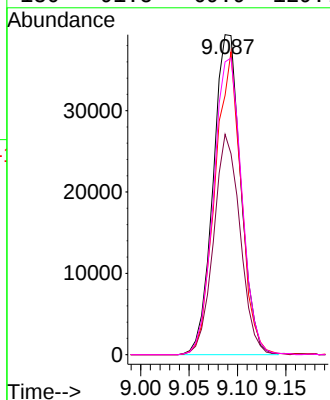


#34
Trichloroethene
Concen: 20.401 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW029791.D
Acq: 29 Jul 2024 17:04

Instrument :
MSVOA_W
ClientSampleId :

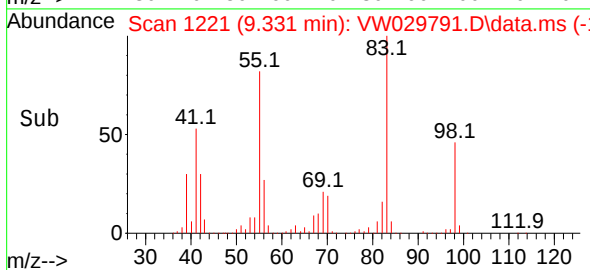
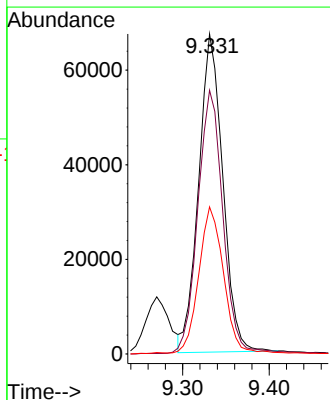
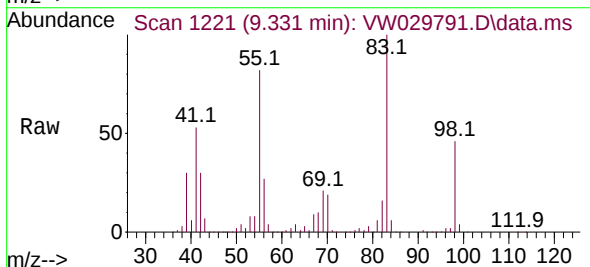


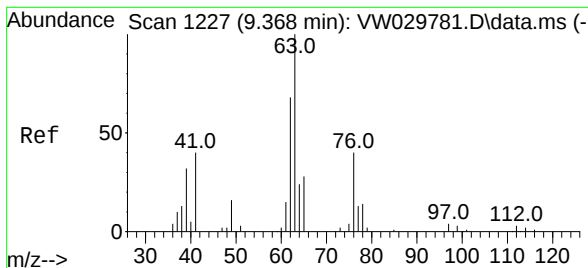
Tgt Ion: 95 Resp: 78093
Ion Ratio Lower Upper
95 100
97 68.8 45.6 84.8
132 81.0 65.2 121.0
130 91.5 69.9 129.7



#35
Methylcyclohexane
Concen: 20.395 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VW029791.D
Acq: 29 Jul 2024 17:04

Tgt Ion: 83 Resp: 130084
Ion Ratio Lower Upper
83 100
55 86.0 67.4 101.2
98 46.5 36.7 55.1





#37

1,2-Dichloropropane

Concen: 21.311 ug/L

RT: 9.362 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Instrument :

MSVOA_W

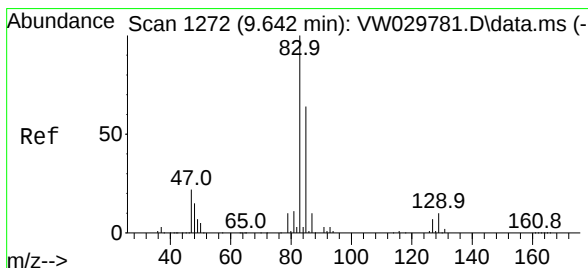
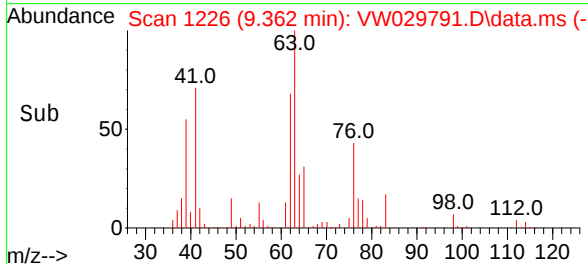
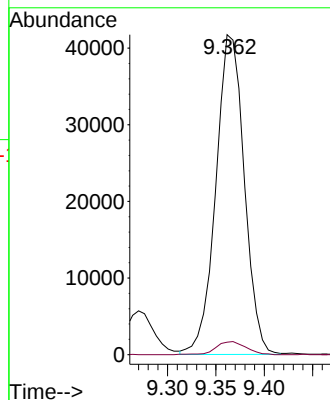
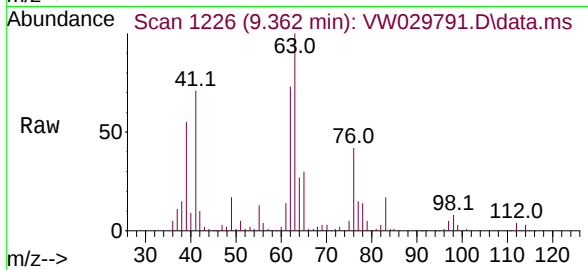
ClientSampleId :

Tgt Ion: 63 Resp: 85277

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 21.993 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

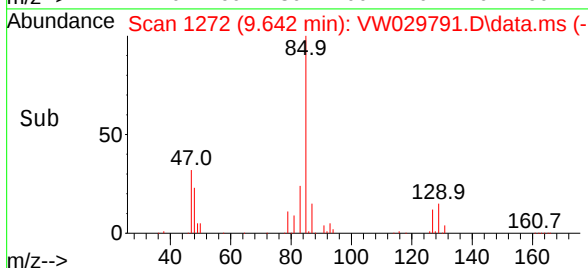
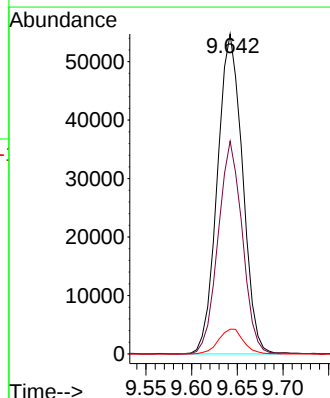
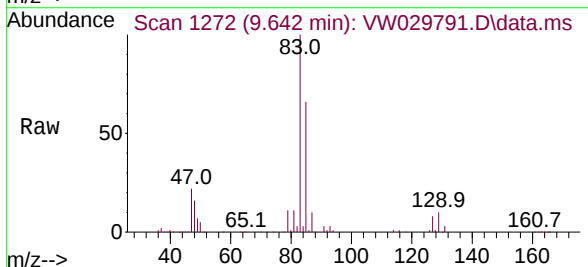
Tgt Ion: 83 Resp: 104796

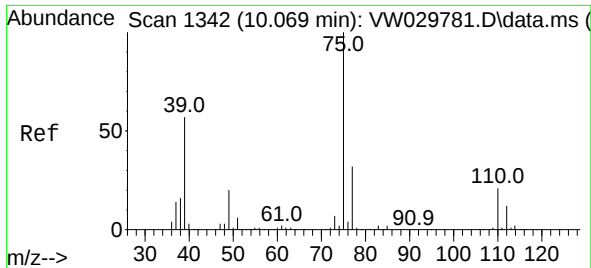
Ion Ratio Lower Upper

83 100

85 66.5 46.6 86.6

127 7.8 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 21.407 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Instrument :

MSVOA_W

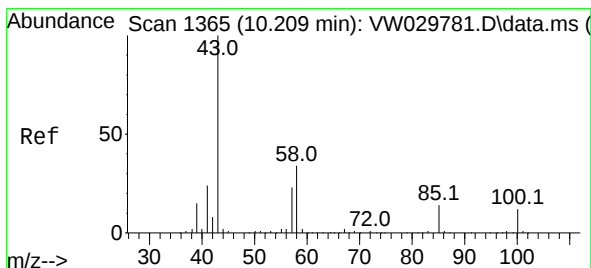
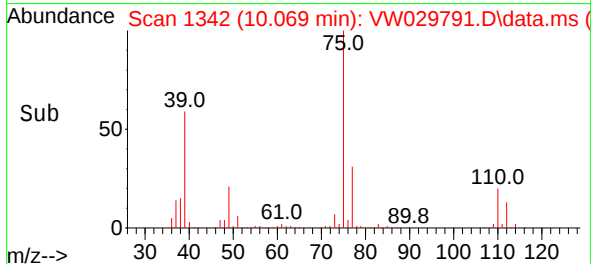
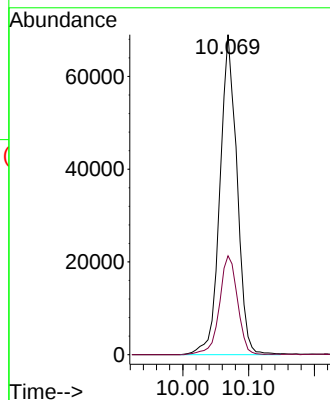
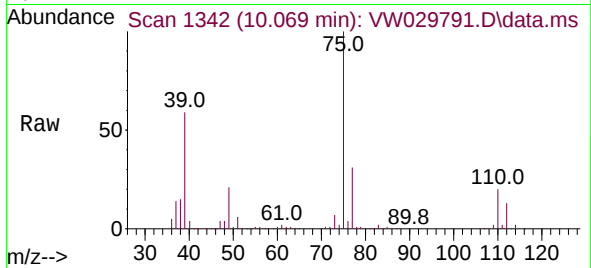
ClientSampleId :

Tgt Ion: 75 Resp: 124747

Ion Ratio Lower Upper

75 100

77 30.9 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 45.516 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

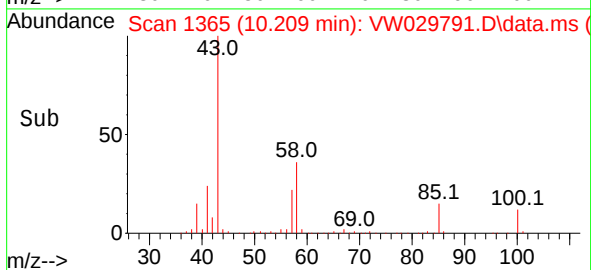
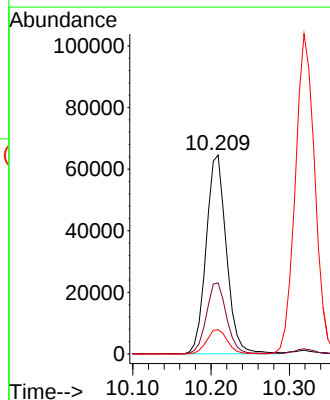
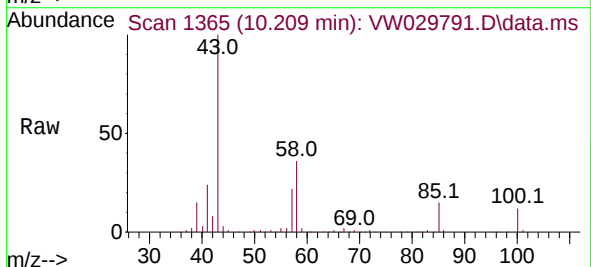
Tgt Ion: 43 Resp: 115686

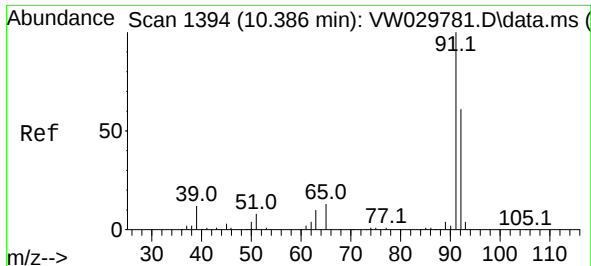
Ion Ratio Lower Upper

43 100

58 36.0 28.7 43.1

100 12.7 10.0 15.0





#42

Toluene

Concen: 21.618 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Instrument :

MSVOA_W

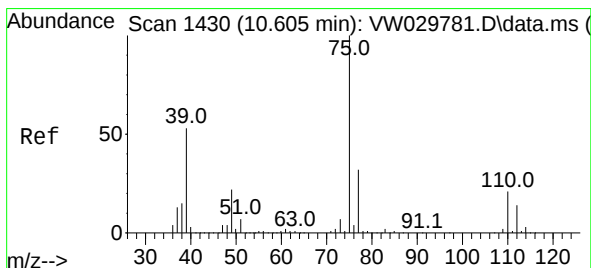
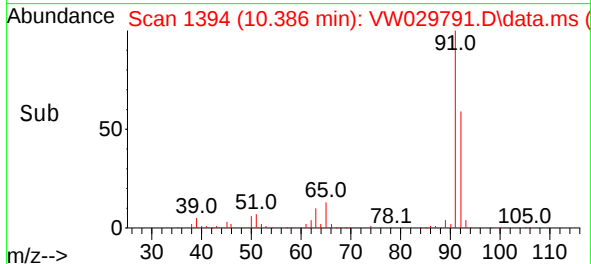
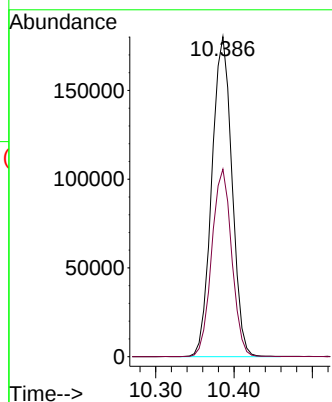
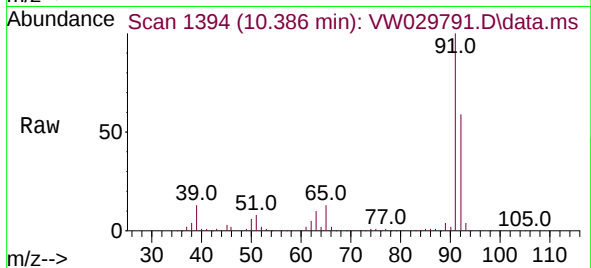
ClientSampleId :

Tgt Ion: 91 Resp: 322212

Ion Ratio Lower Upper

91 100

92 58.6 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 22.503 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029791.D

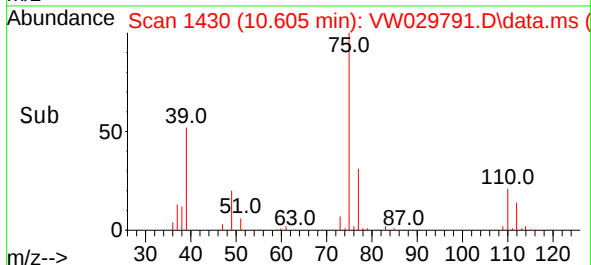
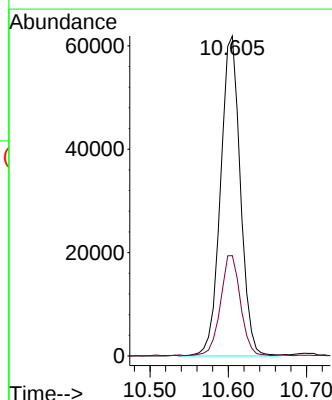
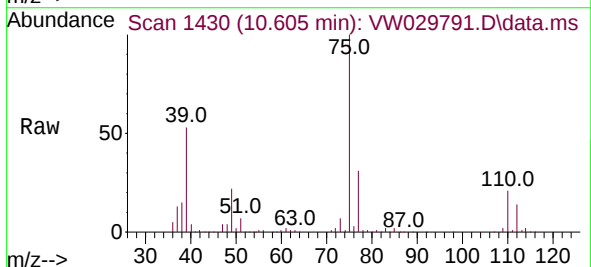
Acq: 29 Jul 2024 17:04

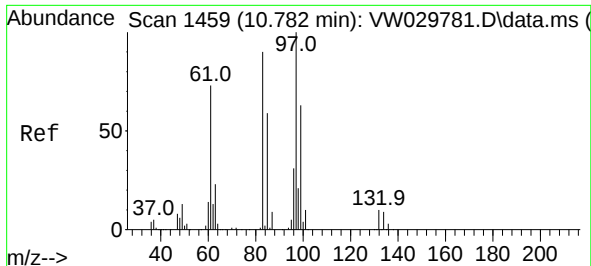
Tgt Ion: 75 Resp: 108862

Ion Ratio Lower Upper

75 100

77 31.4 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 21.964 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 59043

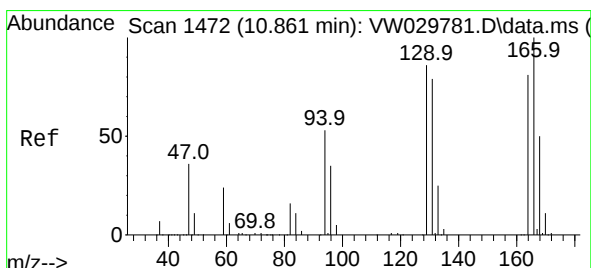
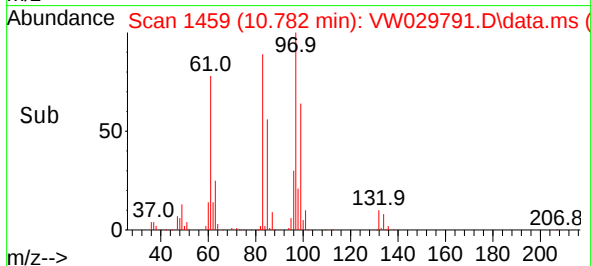
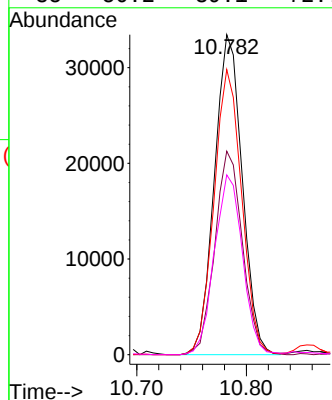
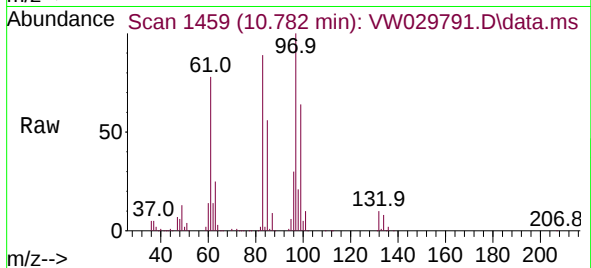
Ion Ratio Lower Upper

97 100

99 63.6 40.1 74.5

83 89.1 58.5 108.7

85 56.2 39.1 72.7



#46

Tetrachloroethene

Concen: 20.272 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Tgt Ion:164 Resp: 56399

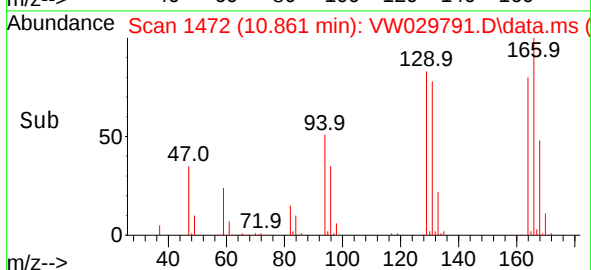
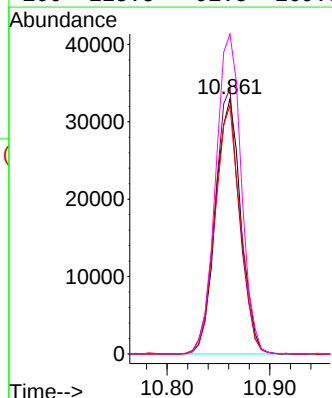
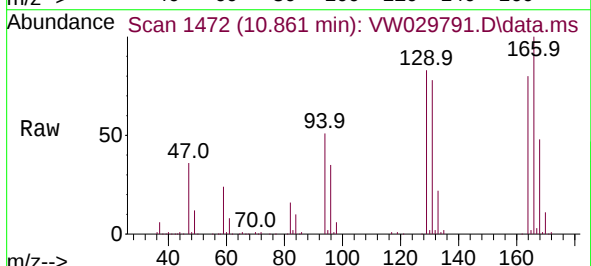
Ion Ratio Lower Upper

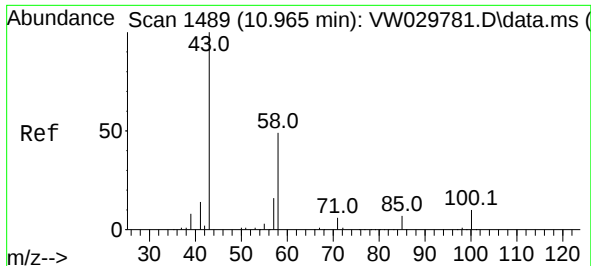
164 100

129 104.2 77.8 144.6

131 97.4 70.9 131.7

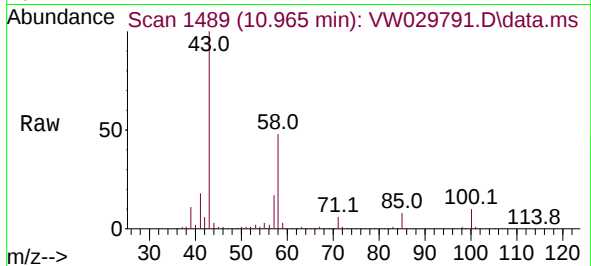
166 125.5 91.5 169.9



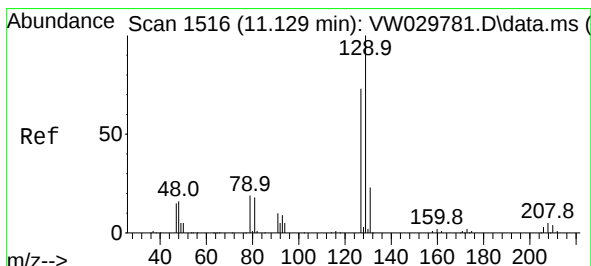
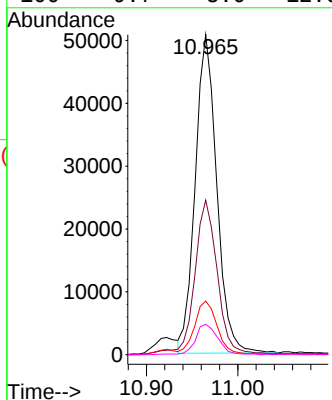
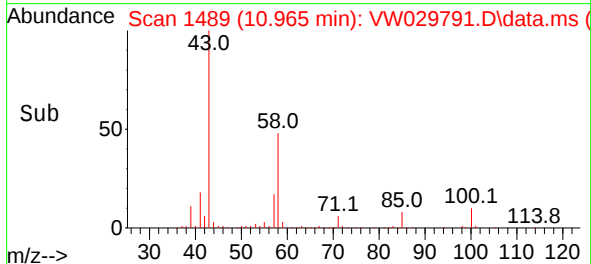


#48
2-Hexanone
Concen: 43.620 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029791.D
Acq: 29 Jul 2024 17:04

Instrument :
MSVOA_W
ClientSampleId :

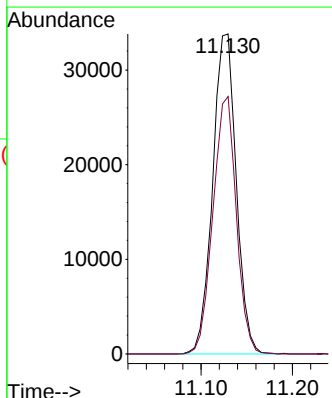
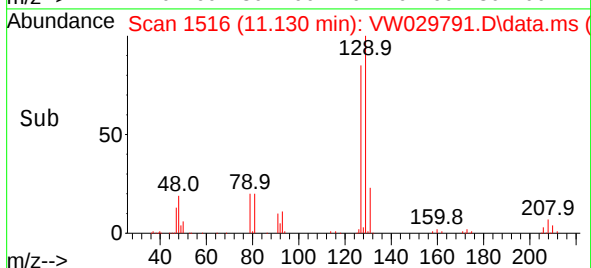
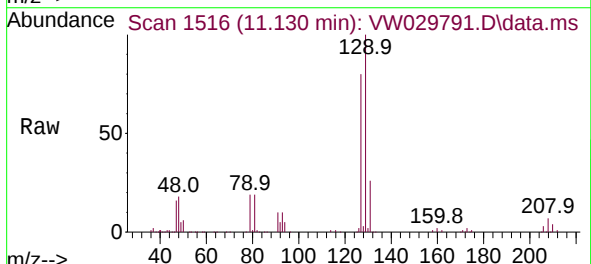


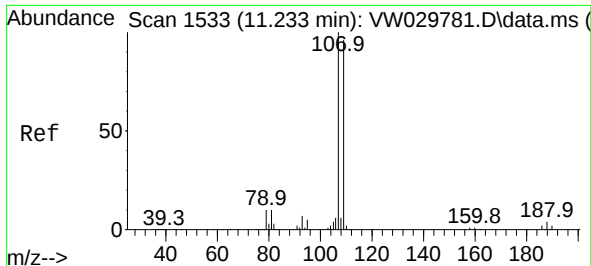
Tgt Ion: 43 Resp: 83035
Ion Ratio Lower Upper
43 100
58 48.9 41.0 61.4
57 17.8 14.1 21.1
100 9.7 8.0 12.0



#49
Dibromochloromethane
Concen: 21.758 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW029791.D
Acq: 29 Jul 2024 17:04

Tgt Ion:129 Resp: 60719
Ion Ratio Lower Upper
129 100
127 80.4 52.4 97.2

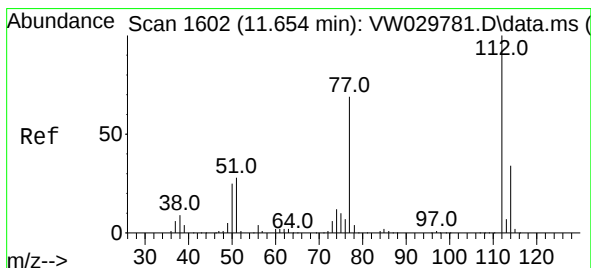
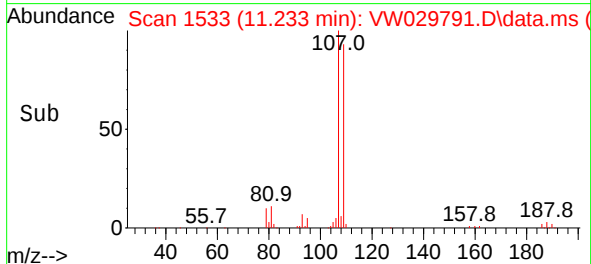
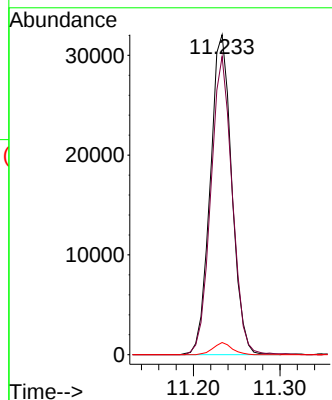
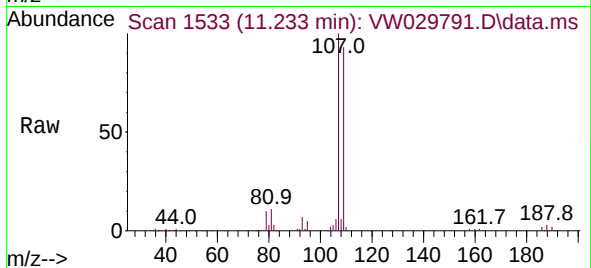




#50
1,2-Dibromoethane
Concen: 22.285 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW029791.D
Acq: 29 Jul 2024 17:04

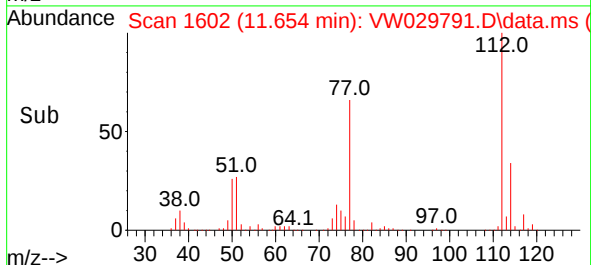
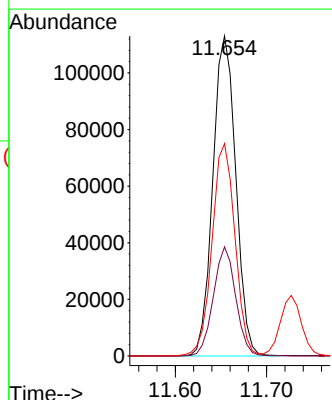
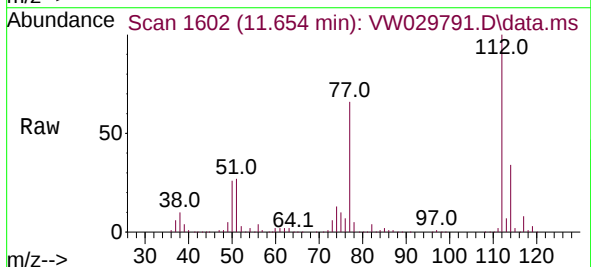
Instrument :
MSVOA_W
ClientSampleId :

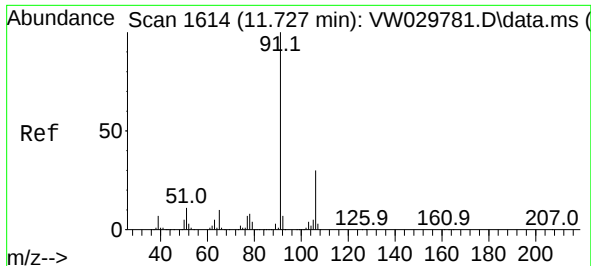
Tgt Ion:107 Resp: 55428
Ion Ratio Lower Upper
107 100
109 93.2 64.8 120.3
188 3.8 2.7 4.1



#51
Chlorobenzene
Concen: 21.289 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW029791.D
Acq: 29 Jul 2024 17:04

Tgt Ion:112 Resp: 197366
Ion Ratio Lower Upper
112 100
114 34.1 22.0 40.8
77 66.4 53.8 80.8





#52

Ethylbenzene

Concen: 21.391 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Instrument :

MSVOA_W

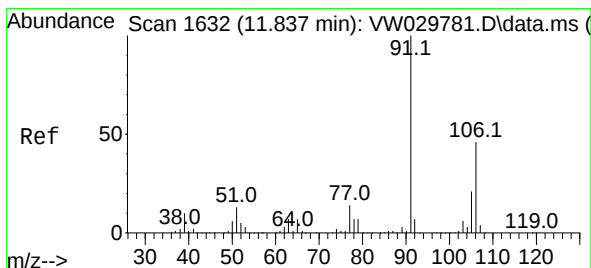
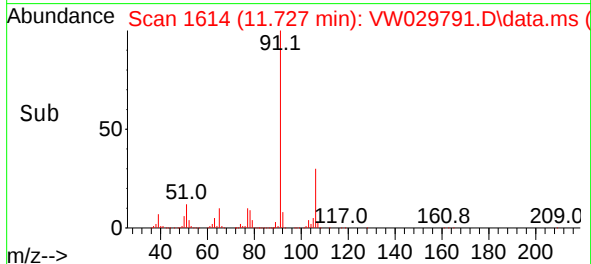
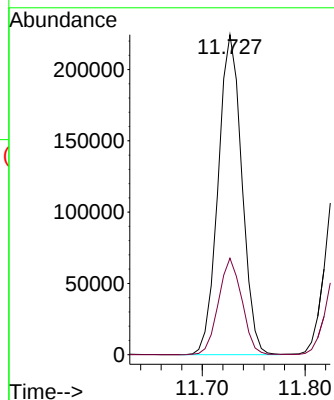
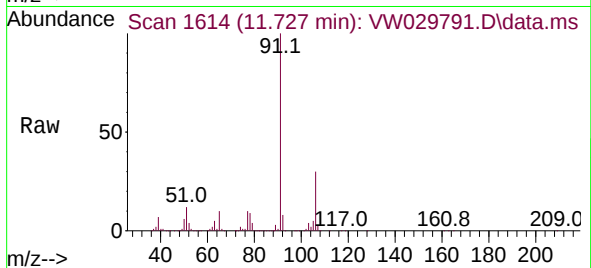
ClientSampleId :

Tgt Ion: 91 Resp: 359639

Ion Ratio Lower Upper

91 100

106 30.2 20.4 38.0



#53

m,p-Xylene

Concen: 21.553 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029791.D

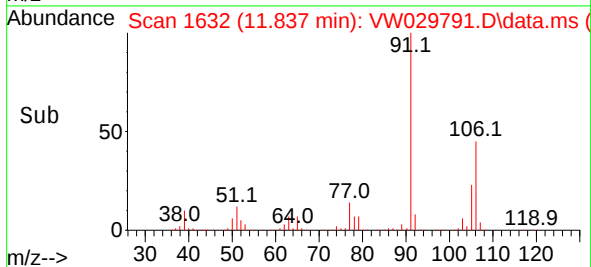
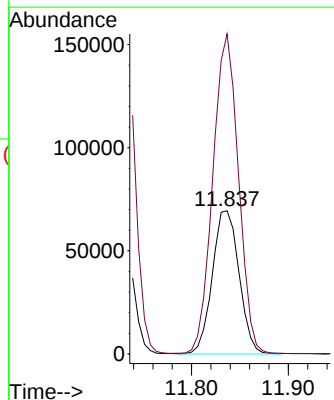
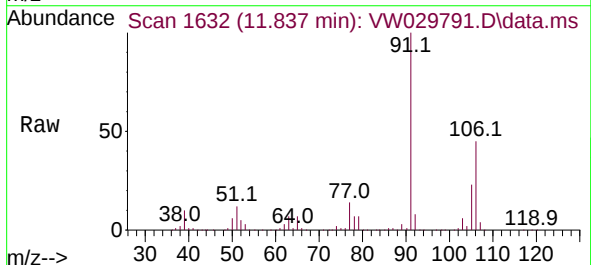
Acq: 29 Jul 2024 17:04

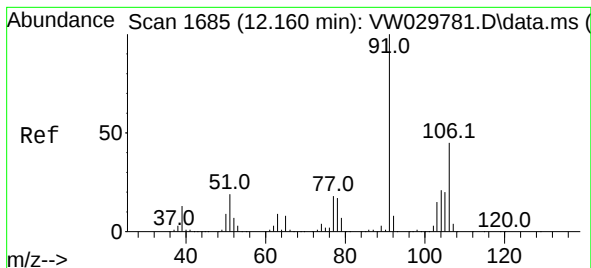
Tgt Ion:106 Resp: 133265

Ion Ratio Lower Upper

106 100

91 223.4 151.4 281.2





#54

o-Xylene

Concen: 22.406 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Instrument :

MSVOA_W

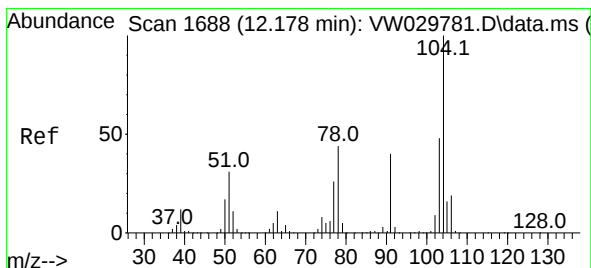
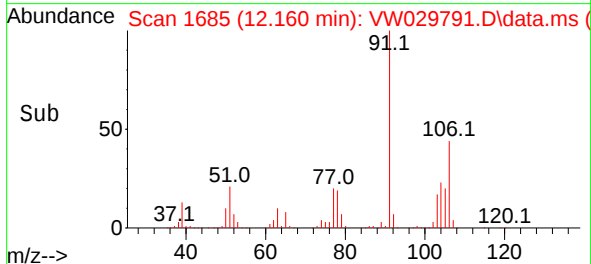
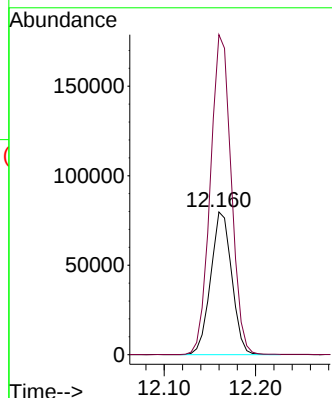
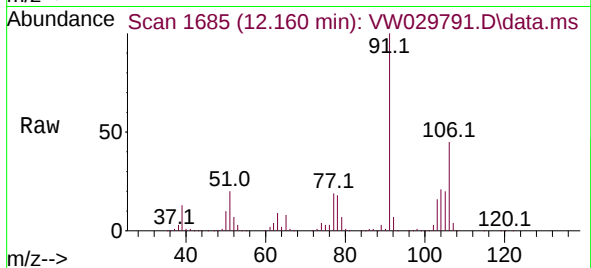
ClientSampleId :

Tgt Ion:106 Resp: 127577

Ion Ratio Lower Upper

106 100

91 224.1 155.8 289.4



#55

Styrene

Concen: 22.528 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029791.D

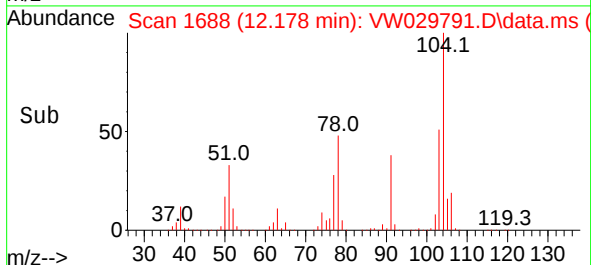
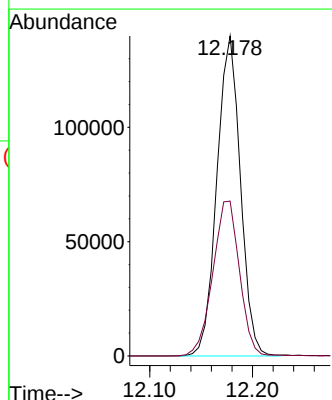
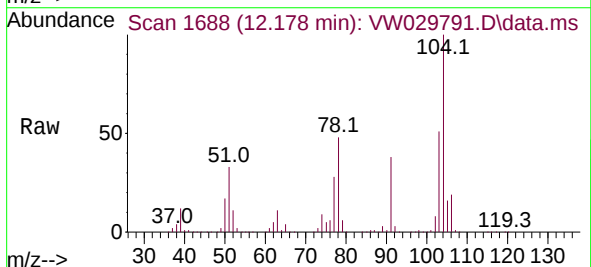
Acq: 29 Jul 2024 17:04

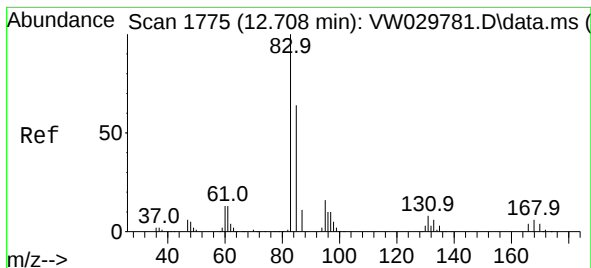
Tgt Ion:104 Resp: 222347

Ion Ratio Lower Upper

104 100

78 48.4 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 22.366 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Instrument :

MSVOA_W

ClientSampleId :

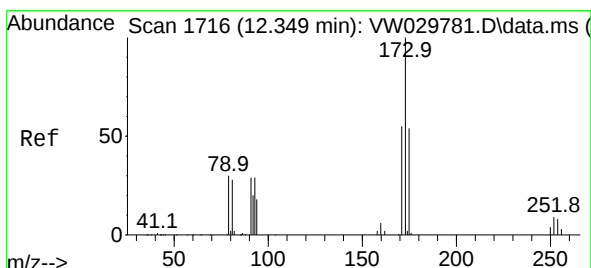
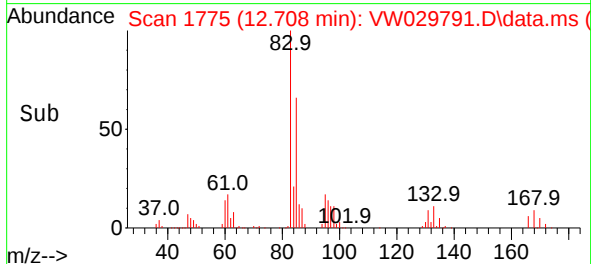
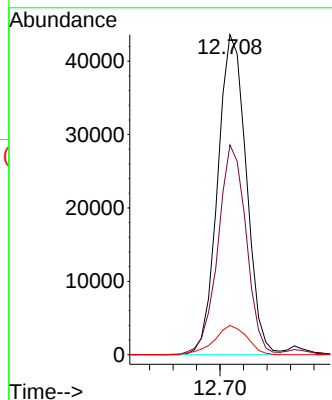
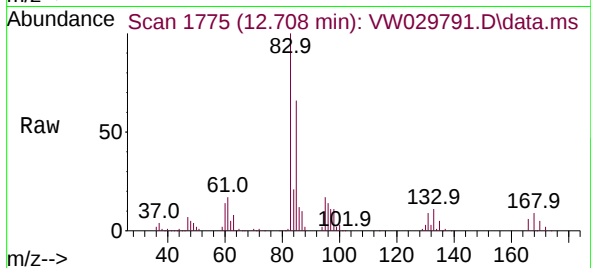
Tgt Ion: 83 Resp: 73794

Ion Ratio Lower Upper

83 100

85 65.6 44.2 82.0

131 9.2 6.2 9.2



#59

Bromoform

Concen: 21.562 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

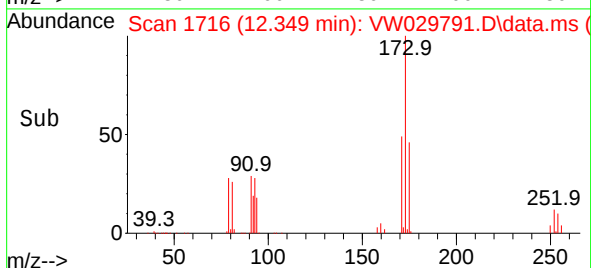
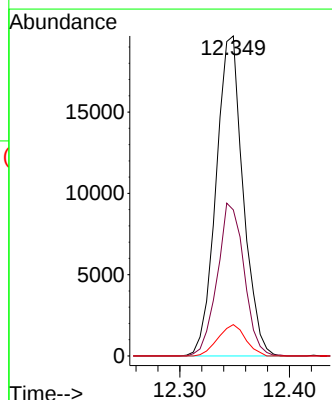
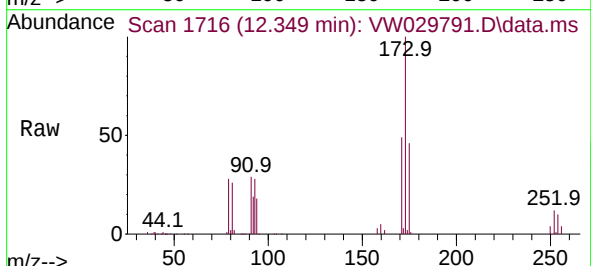
Tgt Ion:173 Resp: 33714

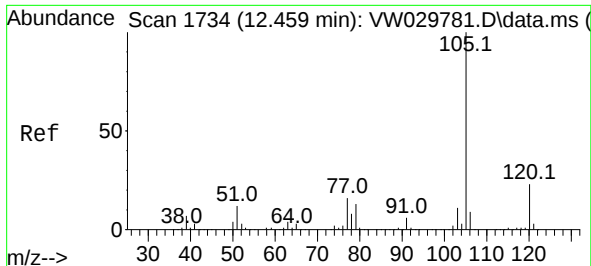
Ion Ratio Lower Upper

173 100

175 47.4 38.1 57.1

254 10.0 7.8 11.6

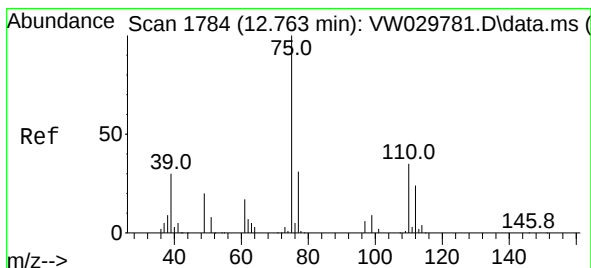
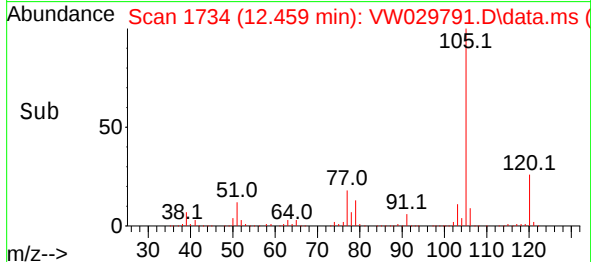
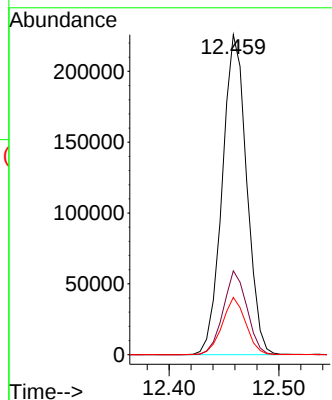
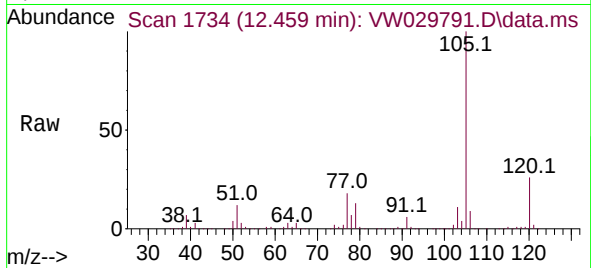




#60
Isopropylbenzene
Concen: 21.745 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW029791.D
Acq: 29 Jul 2024 17:04

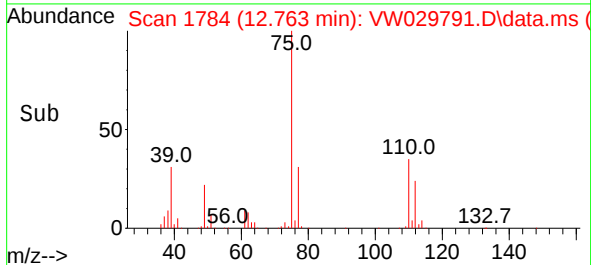
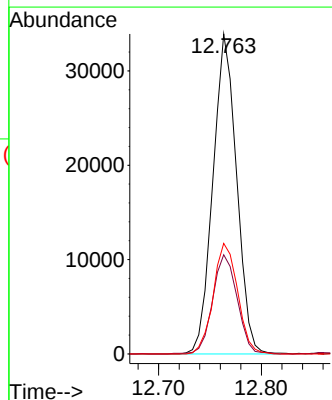
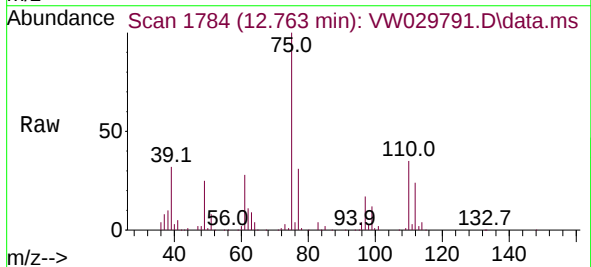
Instrument :
MSVOA_W
ClientSampleId :

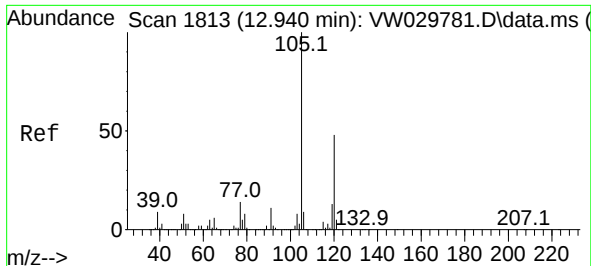
Tgt Ion:105 Resp: 349661
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5
77 17.3 14.0 21.0



#61
1,2,3-Trichloropropane
Concen: 21.444 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW029791.D
Acq: 29 Jul 2024 17:04

Tgt Ion: 75 Resp: 54198
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
110 35.6 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 23.373 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Instrument :

MSVOA_W

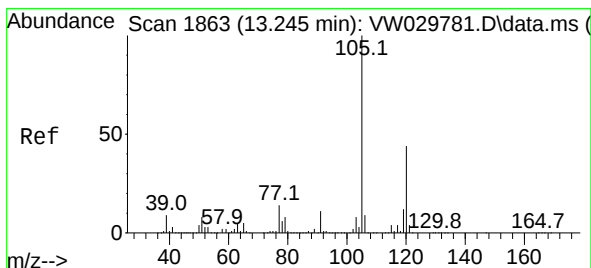
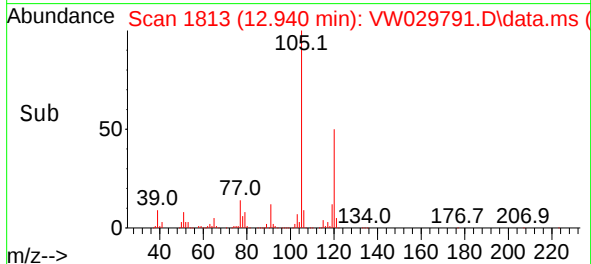
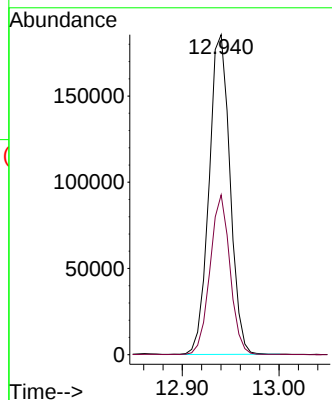
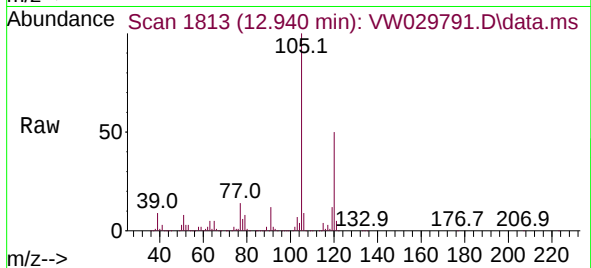
ClientSampleId :

Tgt Ion:105 Resp: 279363

Ion Ratio Lower Upper

105 100

120 47.6 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 21.638 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029791.D

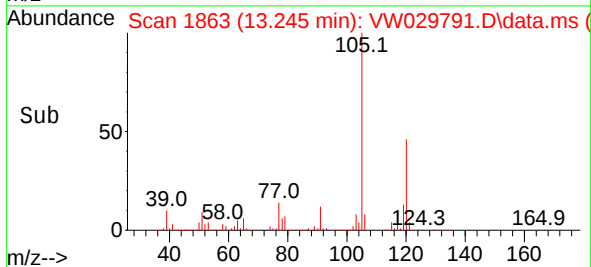
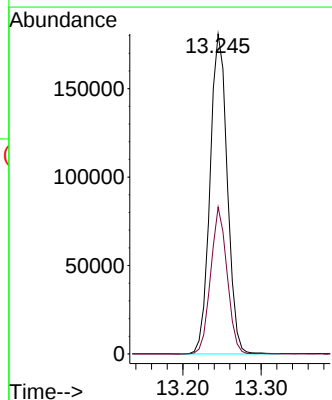
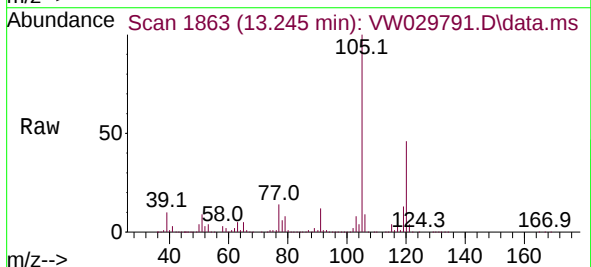
Acq: 29 Jul 2024 17:04

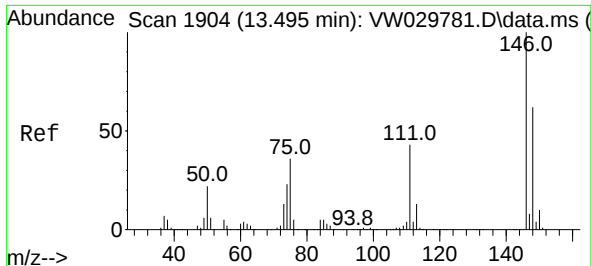
Tgt Ion:105 Resp: 276584

Ion Ratio Lower Upper

105 100

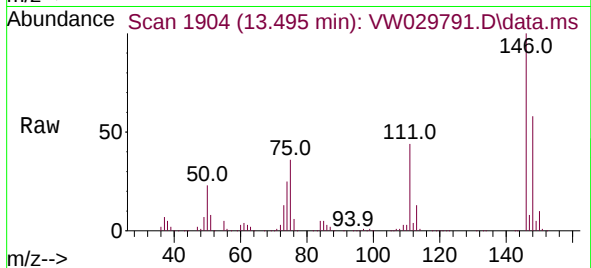
120 43.6 35.4 53.0



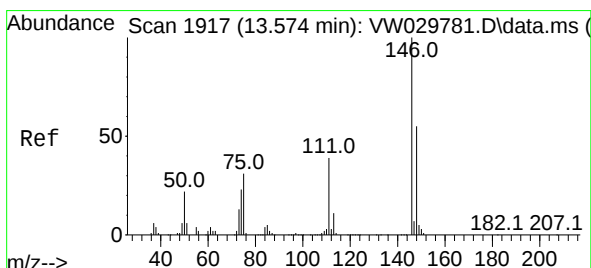
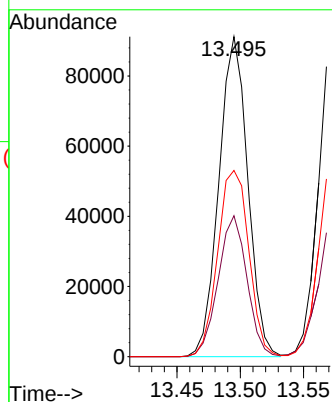
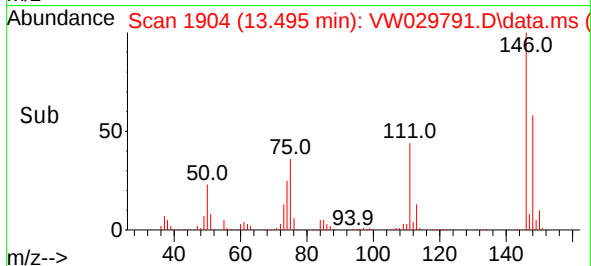


#64
1,3-Dichlorobenzene
Concen: 21.128 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029791.D
Acq: 29 Jul 2024 17:04

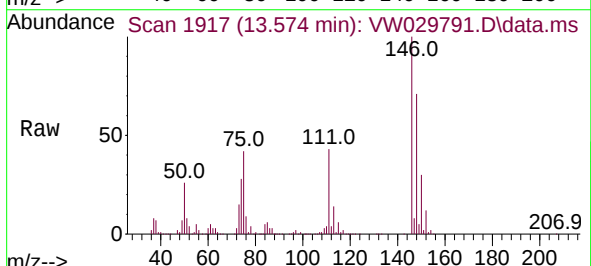
Instrument :
MSVOA_W
ClientSampleId :



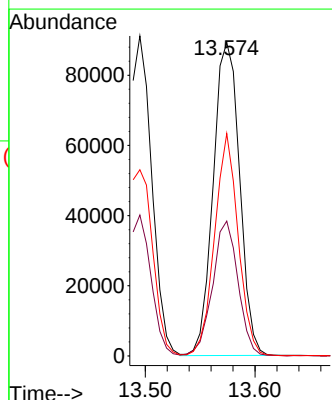
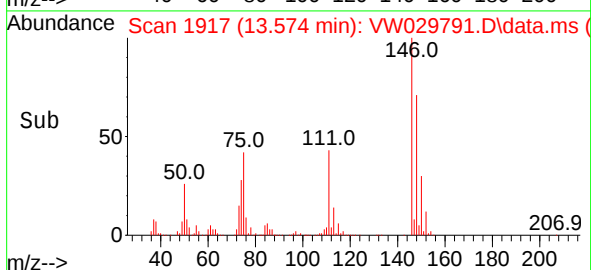
Tgt Ion:146 Resp: 144953
Ion Ratio Lower Upper
146 100
111 44.1 28.7 53.3
148 58.2 43.4 80.6

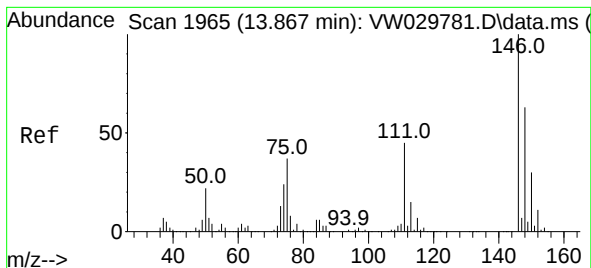


#65
1,4-Dichlorobenzene
Concen: 21.186 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029791.D
Acq: 29 Jul 2024 17:04



Tgt Ion:146 Resp: 149304
Ion Ratio Lower Upper
146 100
111 43.1 30.1 55.9
148 70.9 45.4 84.4

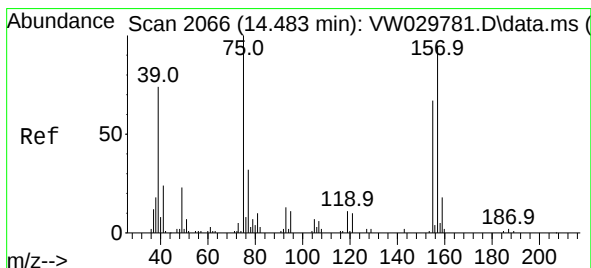
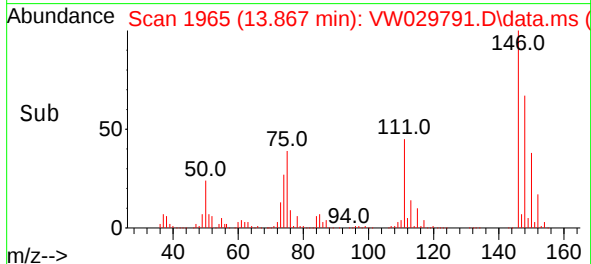
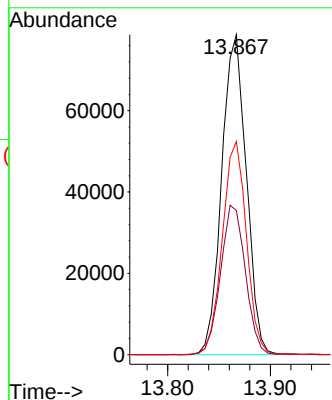
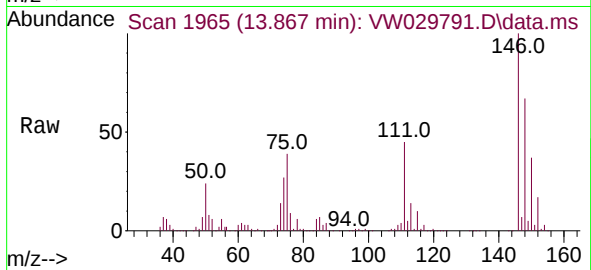




#67
1,2-Dichlorobenzene
Concen: 20.952 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029791.D
Acq: 29 Jul 2024 17:04

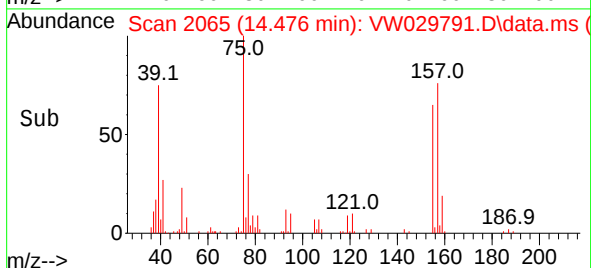
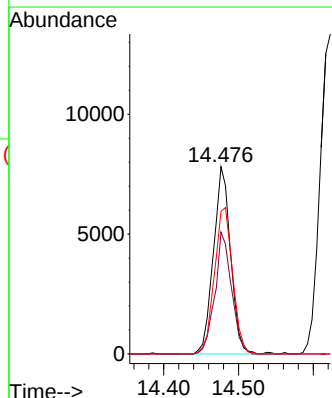
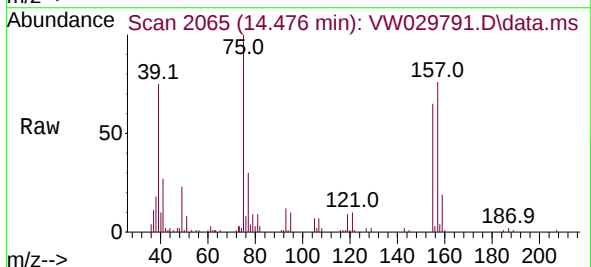
Instrument :
MSVOA_W
ClientSampleId :

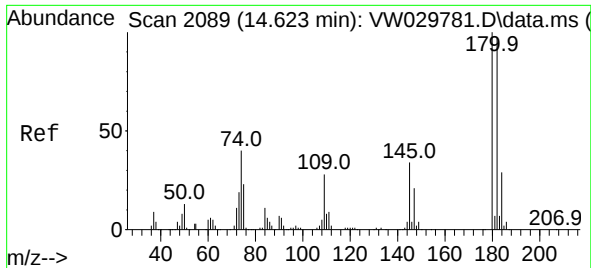
Tgt Ion:146 Resp: 130871
Ion Ratio Lower Upper
146 100
111 45.1 35.8 53.8
148 66.6 52.6 78.8



#68
1,2-Dibromo-3-chloropropane
Concen: 21.812 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW029791.D
Acq: 29 Jul 2024 17:04

Tgt Ion: 75 Resp: 12517
Ion Ratio Lower Upper
75 100
155 65.0 47.8 71.6
157 76.2 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 20.344 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

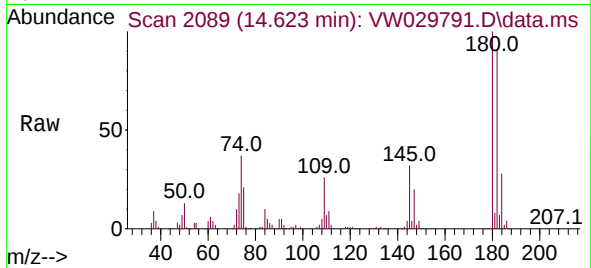
Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 95492

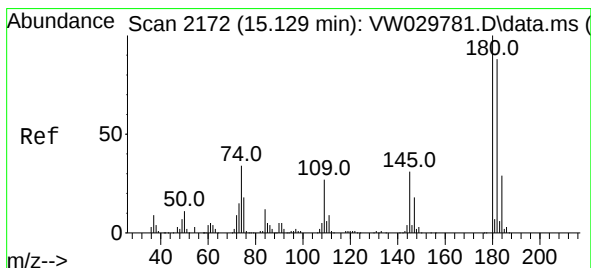
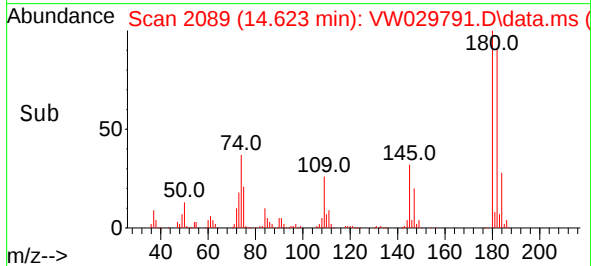
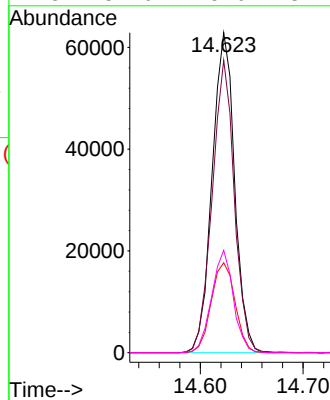
Ion Ratio Lower Upper

180 100

182 89.9 72.7 109.1

184 29.8 23.3 34.9

145 31.0 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 19.548 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

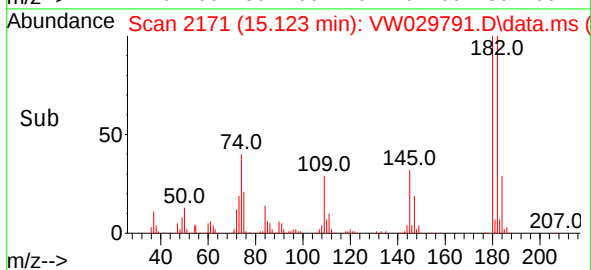
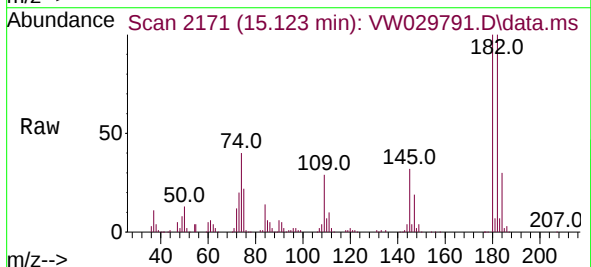
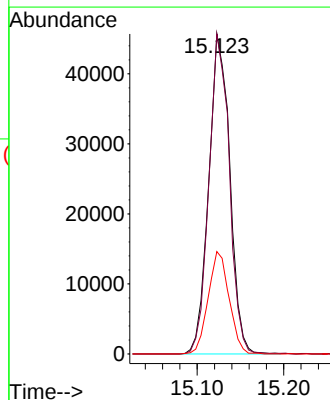
Tgt Ion:180 Resp: 77302

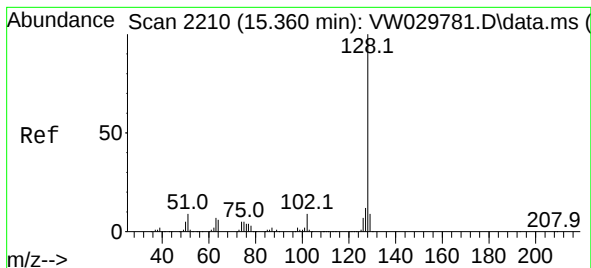
Ion Ratio Lower Upper

180 100

182 96.7 80.2 120.4

145 31.7 26.3 39.5





#71

Naphthalene

Concen: 21.902 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Instrument :

MSVOA_W

ClientSampleId :

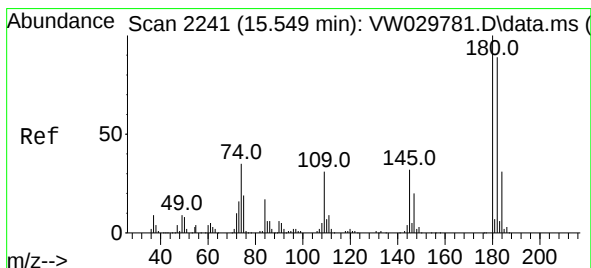
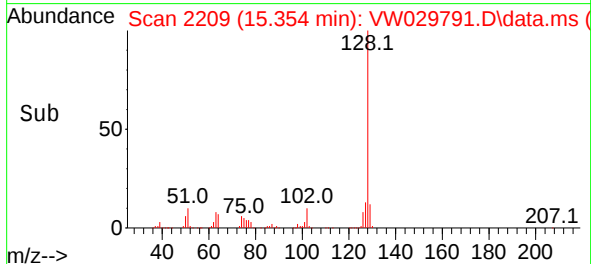
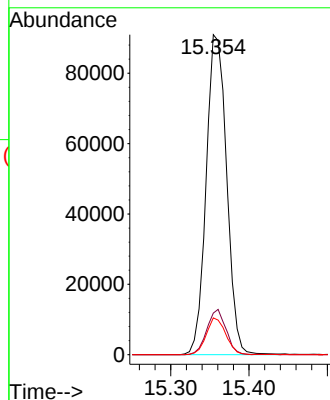
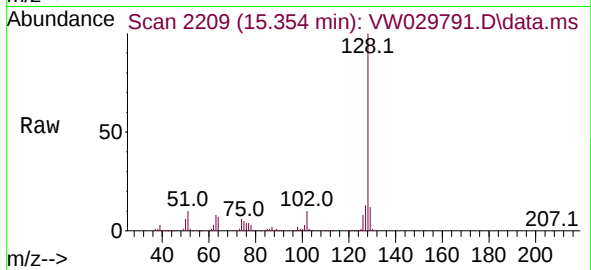
Tgt Ion:128 Resp: 165263

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 20.786 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW029791.D

Acq: 29 Jul 2024 17:04

Tgt Ion:180 Resp: 74397

Ion Ratio Lower Upper

180 100

182 93.3 74.0 111.0

145 33.5 27.5 41.3

