

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072424\
 Data File : VW029713.D
 Acq On : 24 Jul 2024 15:28
 Operator : SY/MD
 Sample : VSTD02.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 01:10:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 25 01:09:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	243631	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	226670	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	104011	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	10877	2.878	ug/L	-0.01
7) Chloroethane-d5	2.899	69	7149	2.621	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	4671	2.727	ug/L	0.00
21) 2-Butanone-d5	7.099	46	3848	3.352	ug/L	0.02
24) Chloroform-d	7.648	84	16369	2.394	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	9541	2.385	ug/L	0.00
32) Benzene-d6	8.270	84	30819	2.340	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	10159	2.407	ug/L	0.00
41) Toluene-d8	10.324	98	26093	2.237	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.580	79	3677	2.068	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	2813	3.666	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	7425	2.186	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	8846	2.502	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	6686	2.498	ug/L	90
3) Chloromethane	2.216	50	9582	2.800	ug/L	90
5) Vinyl chloride	2.369	62	12248	3.154	ug/L	96
6) Bromomethane	2.789	94	6473	2.894	ug/L	83
8) Chloroethane	2.942	64	6355	2.713	ug/L	99
9) Trichlorofluoromethane	3.265	101	7146	2.104	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.057	101	3813	1.152	ug/L #	10
12) 1,1-Dichloroethene	4.045	96	8604	2.759	ug/L	94
13) Acetone	4.137	43	6831	5.675	ug/L	99
14) Carbon disulfide	4.380	76	27102	2.655	ug/L	98
15) Methyl Acetate	4.679	43	5006	2.382	ug/L #	72
16) Methylene chloride	4.917	84	19586	4.397	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	9152	2.673	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	14416	2.472	ug/L	96
19) 1,1-Dichloroethane	6.215	63	20068	2.849	ug/L	92
20) cis-1,2-Dichloroethene	7.166	96	9762	2.619	ug/L	90
22) 2-Butanone	7.179	43	7552	4.792	ug/L	92
23) Bromochloromethane	7.514	128	4359	2.631	ug/L	90
25) Chloroform	7.672	83	19126	2.823	ug/L	98
27) 1,2-Dichloroethane	8.404	62	14037	2.781	ug/L	97
29) Cyclohexane	7.959	56	14621	2.505	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	15238	2.883	ug/L	95
31) Carbon tetrachloride	8.069	117	13358	2.749	ug/L	98
33) Benzene	8.325	78	39540	2.735	ug/L	100
34) Trichloroethene	9.093	95	10900	2.868	ug/L	91
35) Methylcyclohexane	9.337	83	15562	2.497	ug/L	91
37) 1,2-Dichloropropane	9.270	63	1513	0.378	ug/L	99
38) Bromodichloromethane	9.642	83	13228	2.716	ug/L	91
39) cis-1,3-Dichloropropene	10.068	75	14321	2.396	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	12436	4.441	ug/L	99
42) Toluene	10.385	91	39040	2.639	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	11967	2.351	ug/L	98

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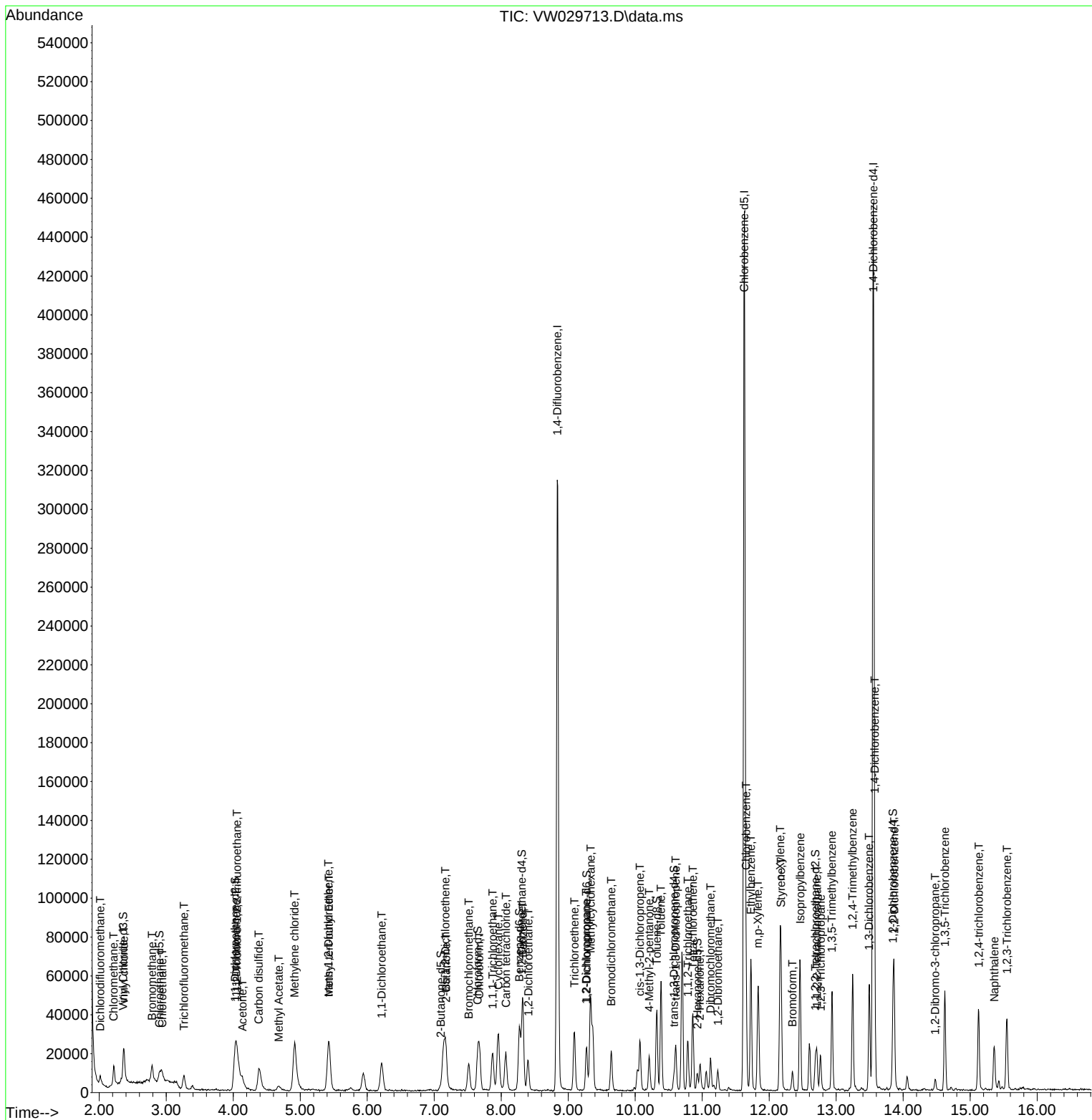
Quant Time: Jul 25 01:10:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 25 01:09:55 2024
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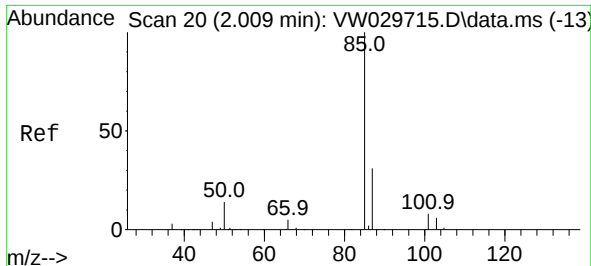
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.788	97	7328	2.571	ug/L	90
46) Tetrachloroethene	10.861	164	8330	3.121	ug/L	87
48) 2-Hexanone	10.965	43	8452	4.048	ug/L	98
49) Dibromochloromethane	11.123	129	7488	2.536	ug/L	97
50) 1,2-Dibromoethane	11.233	107	6804	2.516	ug/L #	93
51) Chlorobenzene	11.653	112	27076	2.849	ug/L	94
52) Ethylbenzene	11.727	91	43173	2.588	ug/L	97
53) m,p-Xylene	11.830	106	16185	2.638	ug/L	92
54) o-Xylene	12.166	106	14426	2.551	ug/L	95
55) Styrene	12.178	104	24717	2.473	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.714	83	9226	2.571	ug/L #	90
59) Bromoform	12.348	173	3848	2.364	ug/L #	93
60) Isopropylbenzene	12.464	105	39976	2.654	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	7206	2.815	ug/L	96
62) 1,3,5-Trimethylbenzene	12.934	105	25445	2.341	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	30656	2.596	ug/L	95
64) 1,3-Dichlorobenzene	13.489	146	18776	2.800	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	21230	3.105	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	17410	2.873	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	1652	2.723	ug/L #	90
69) 1,3,5-Trichlorobenzene	14.622	180	13835	3.132	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	12242	3.211	ug/L	91
71) Naphthalene	15.360	128	18734	2.334	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	11210	3.251	ug/L	99

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

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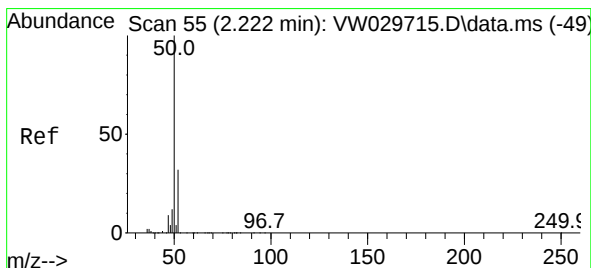
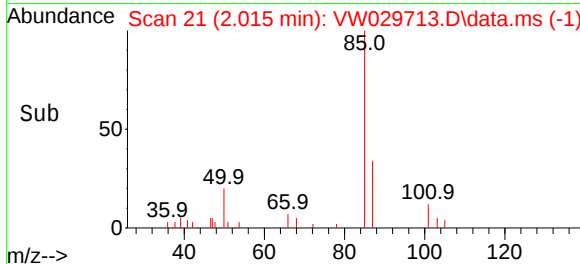
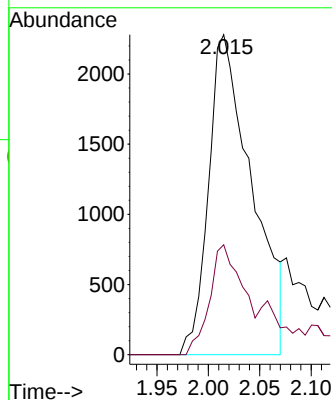
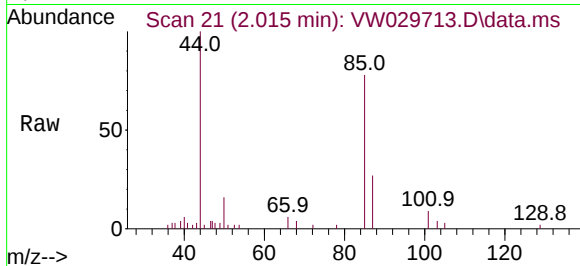




#2
 Dichlorodifluoromethane
 Concen: 2.498 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW029713.D
 Acq: 24 Jul 2024 15:28

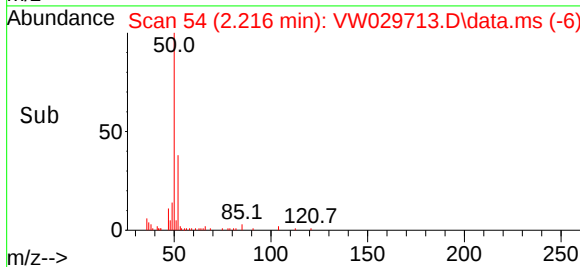
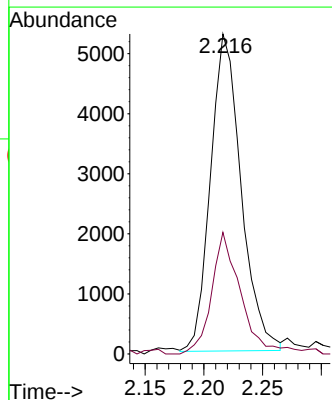
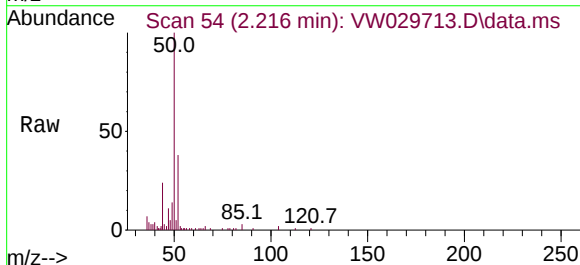
Instrument :
 MSVOA_W
 ClientSampleId :

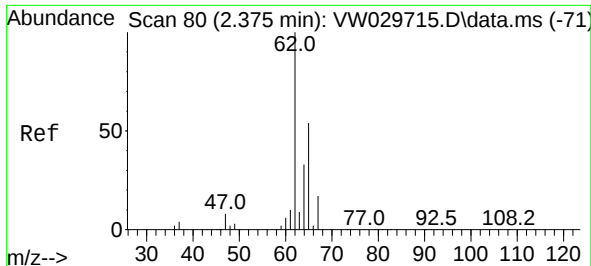
Tgt Ion: 85 Resp: 6686
 Ion Ratio Lower Upper
 85 100
 87 26.4 25.5 38.3



#3
 Chloromethane
 Concen: 2.800 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW029713.D
 Acq: 24 Jul 2024 15:28

Tgt Ion: 50 Resp: 9582
 Ion Ratio Lower Upper
 50 100
 52 38.0 22.5 41.9

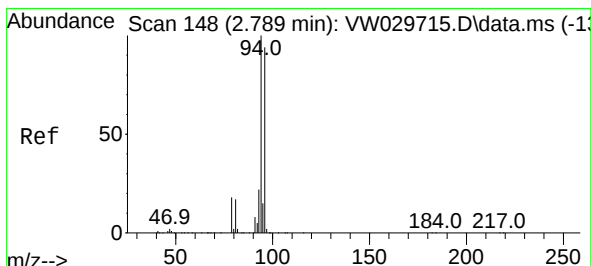
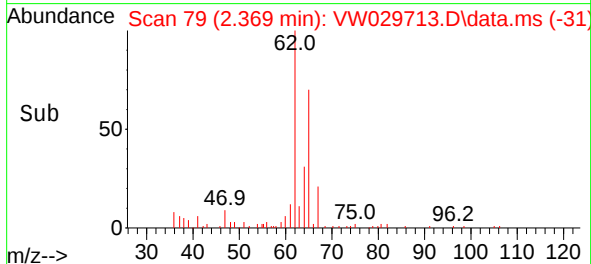
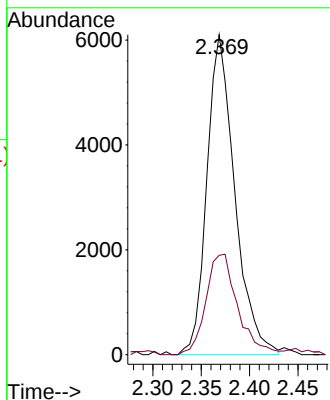
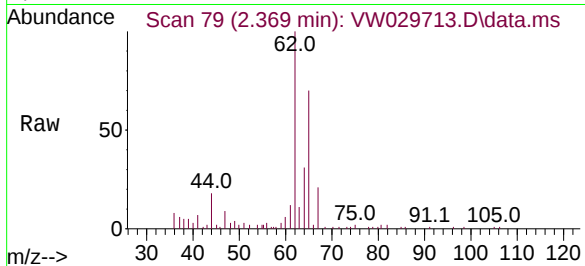




#5
 Vinyl chloride
 Concen: 3.154 ug/L
 RT: 2.369 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW029713.D
 Acq: 24 Jul 2024 15:28

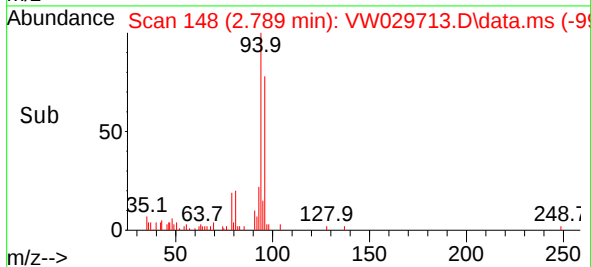
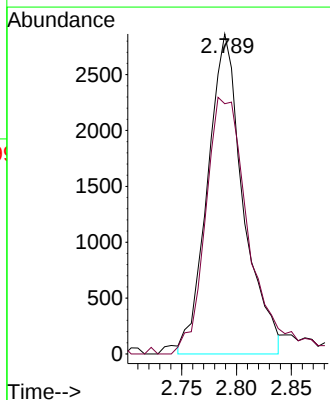
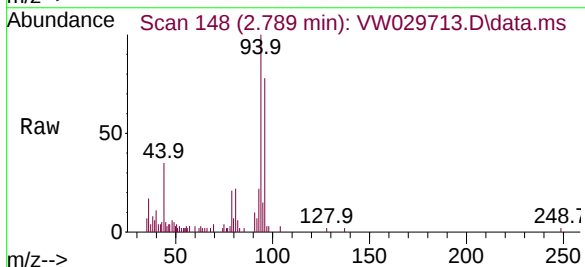
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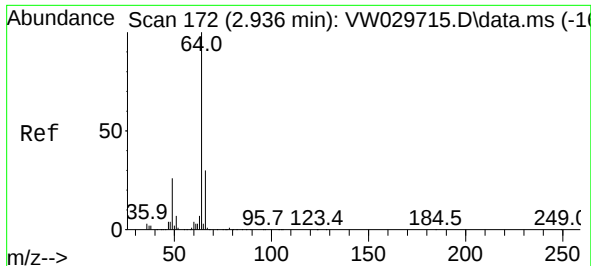
Tgt Ion: 62 Resp: 12248
 Ion Ratio Lower Upper
 62 100
 64 31.1 23.2 43.2



#6
 Bromomethane
 Concen: 2.894 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029713.D
 Acq: 24 Jul 2024 15:28

Tgt Ion: 94 Resp: 6473
 Ion Ratio Lower Upper
 94 100
 96 78.2 66.2 123.0

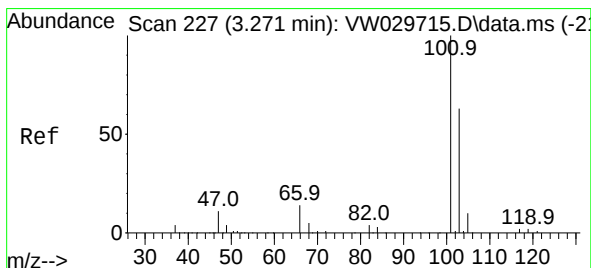
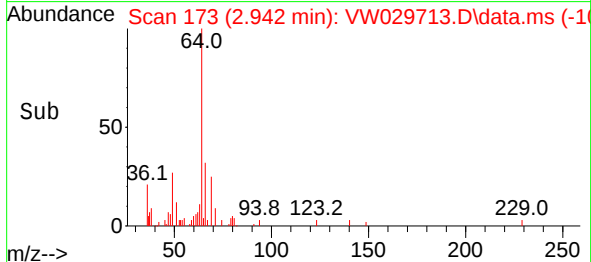
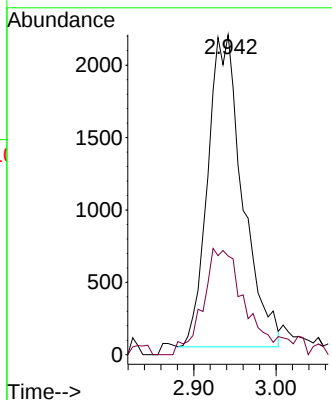
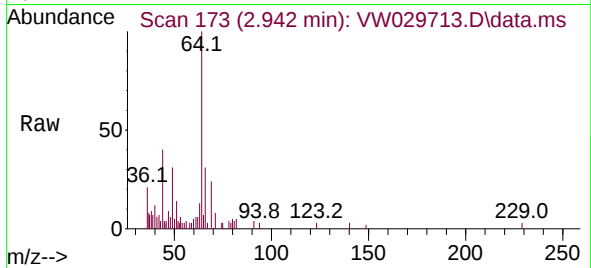




#8
Chloroethane
Concen: 2.713 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW029713.D
Acq: 24 Jul 2024 15:28

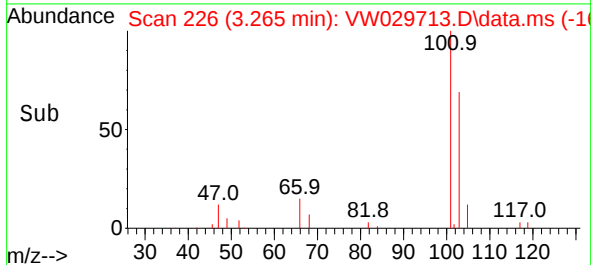
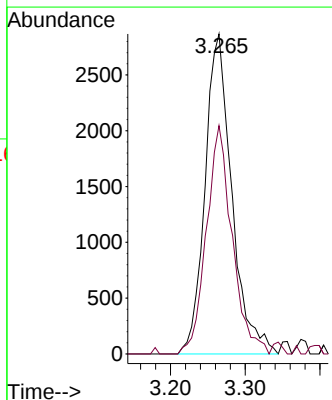
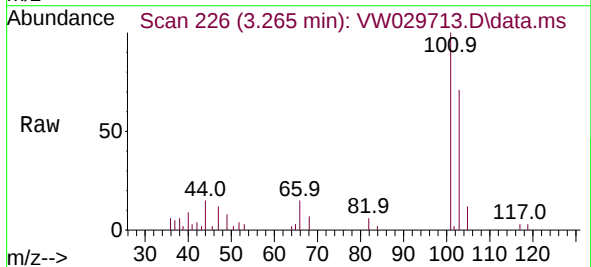
Instrument :
MSVOA_W
ClientSampleId :

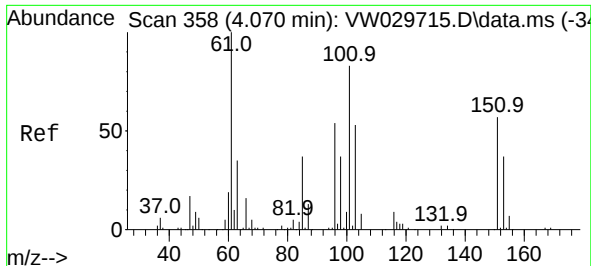
Tgt Ion: 64 Resp: 6355
Ion Ratio Lower Upper
64 100
66 30.8 21.2 39.4



#9
Trichlorofluoromethane
Concen: 2.104 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029713.D
Acq: 24 Jul 2024 15:28

Tgt Ion:101 Resp: 7146
Ion Ratio Lower Upper
101 100
103 68.6 51.0 76.4





#10

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

Concen: 1.152 ug/L

RT: 4.057 min Scan# 358

Delta R.T. -0.012 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

ClientSampleId :

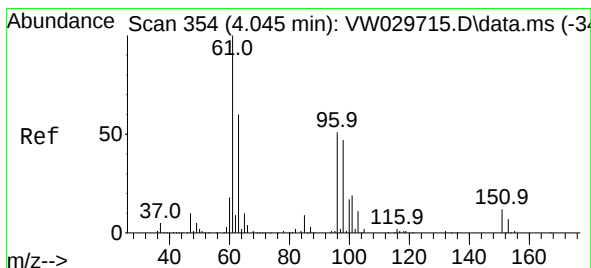
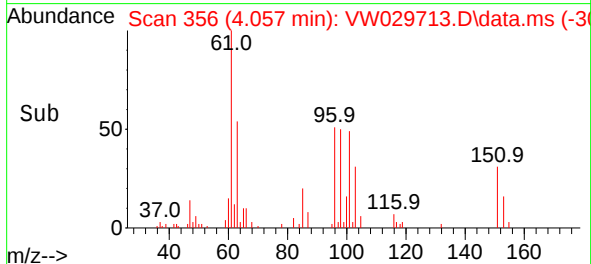
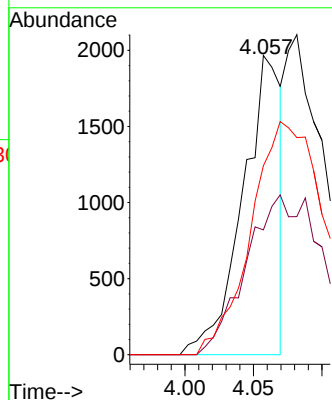
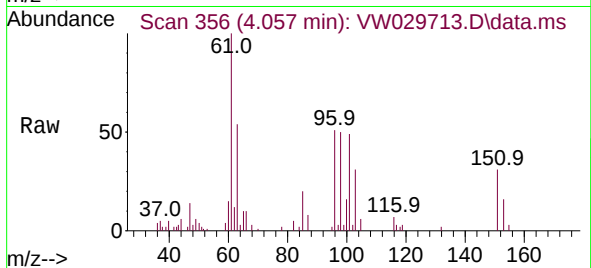
Tgt Ion:101 Resp: 3813

Ion Ratio Lower Upper

101 100

85 60.8 34.2 51.4#

151 172.0 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 2.759 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

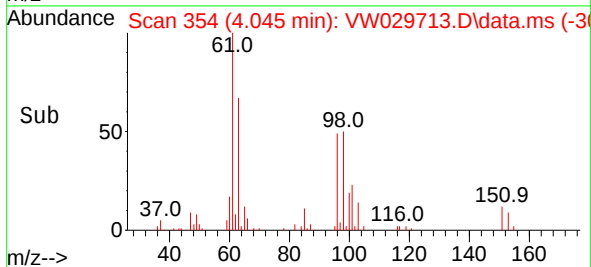
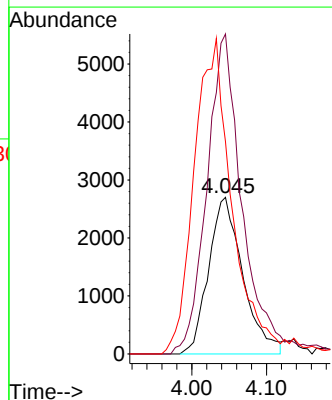
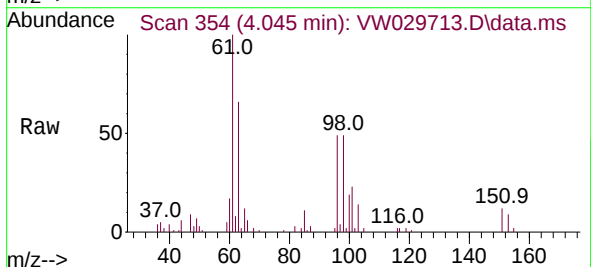
Tgt Ion: 96 Resp: 8604

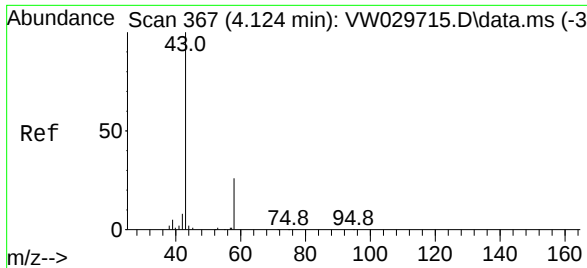
Ion Ratio Lower Upper

96 100

61 204.4 138.3 256.9

63 135.6 89.0 165.4





#13

Acetone

Concen: 5.675 ug/L

RT: 4.137 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

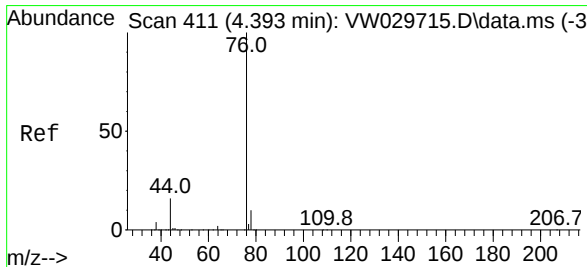
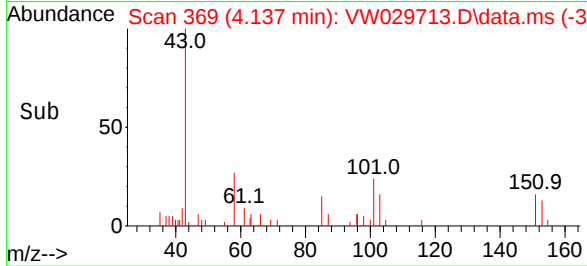
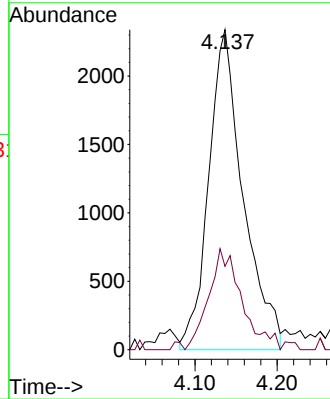
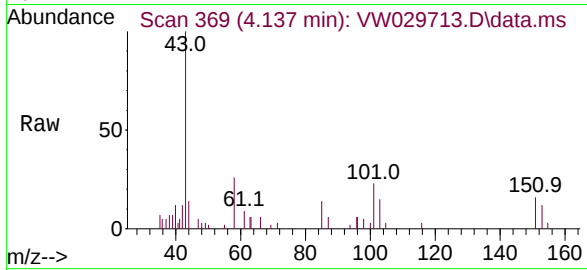
ClientSampleId :

Tgt Ion: 43 Resp: 6831

Ion Ratio Lower Upper

43 100

58 28.4 0.0 57.6



#14

Carbon disulfide

Concen: 2.655 ug/L

RT: 4.380 min Scan# 409

Delta R.T. -0.012 min

Lab File: VW029713.D

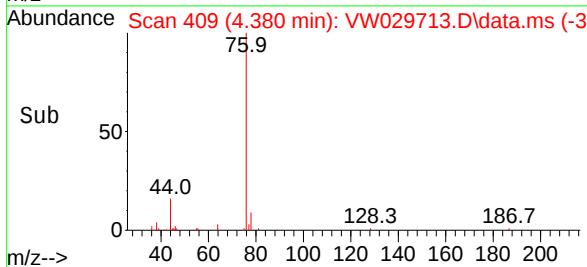
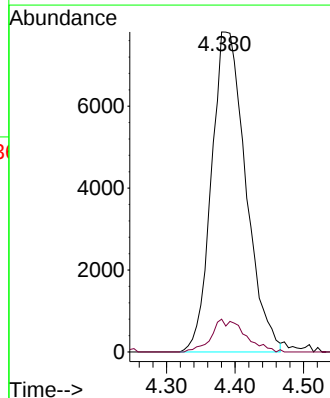
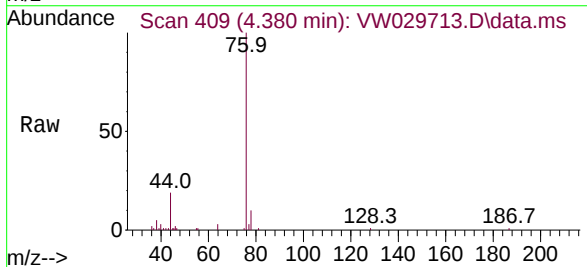
Acq: 24 Jul 2024 15:28

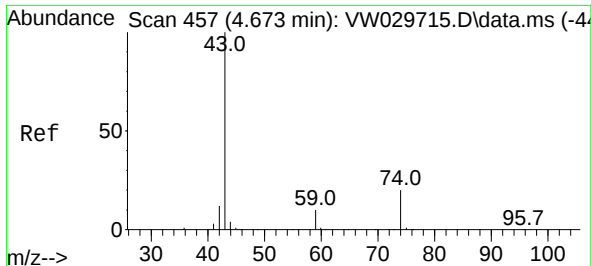
Tgt Ion: 76 Resp: 27102

Ion Ratio Lower Upper

76 100

78 10.3 7.6 11.4





#15

Methyl Acetate

Concen: 2.382 ug/L

RT: 4.679 min Scan# 457

Delta R.T. 0.006 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

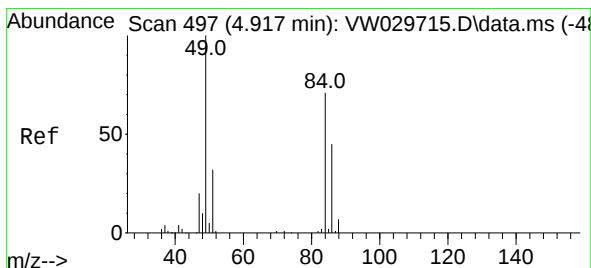
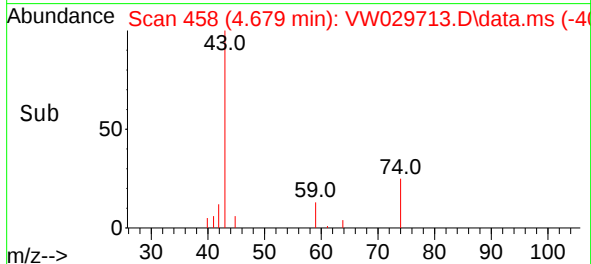
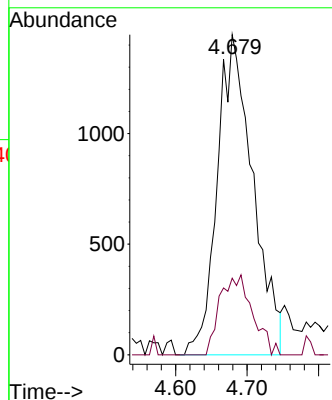
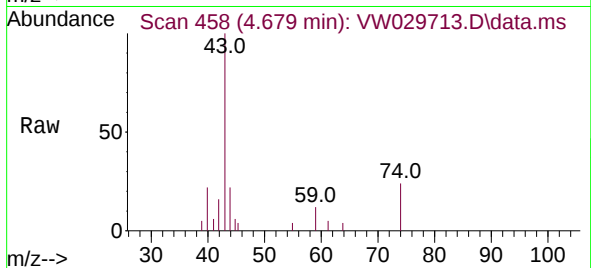
ClientSampleId :

Tgt Ion: 43 Resp: 5006

Ion Ratio Lower Upper

43 100

74 7.7 16.5 24.7#



#16

Methylene chloride

Concen: 4.397 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

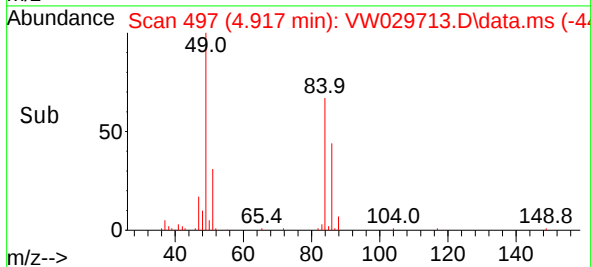
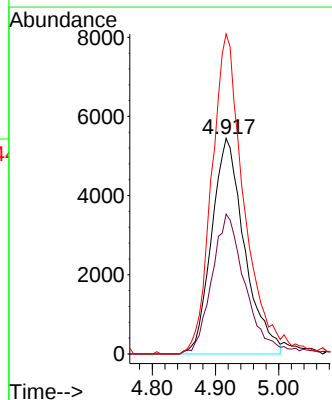
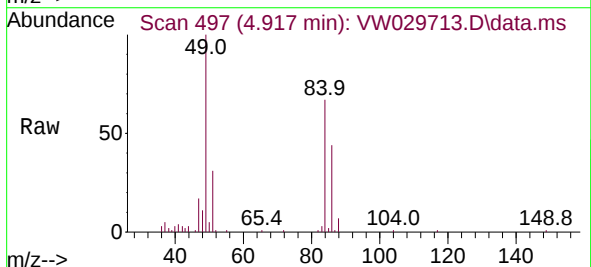
Tgt Ion: 84 Resp: 19586

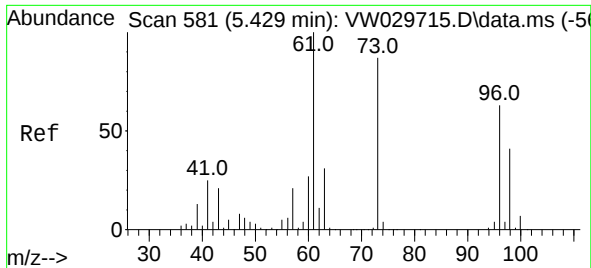
Ion Ratio Lower Upper

84 100

86 64.9 44.7 82.9

49 148.5 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 2.673 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

ClientSampleId :

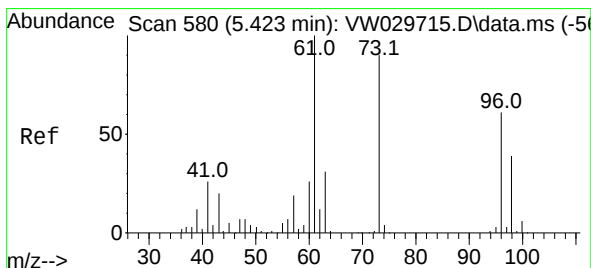
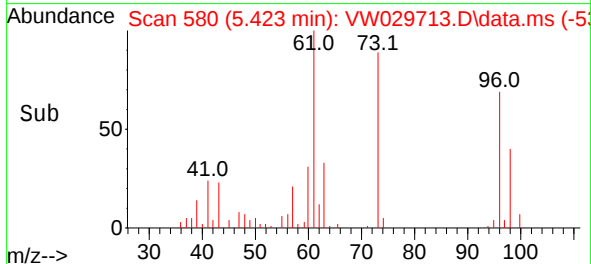
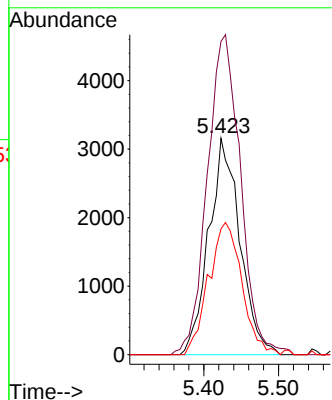
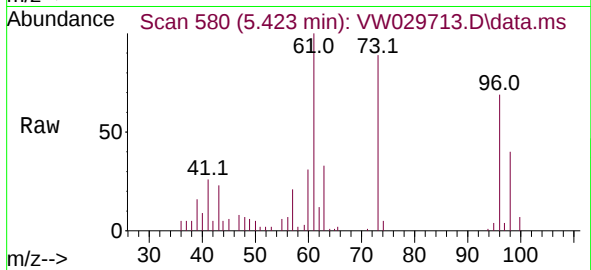
Tgt Ion: 96 Resp: 9152

Ion Ratio Lower Upper

96 100

61 144.8 111.2 206.6

98 58.2 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 2.472 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

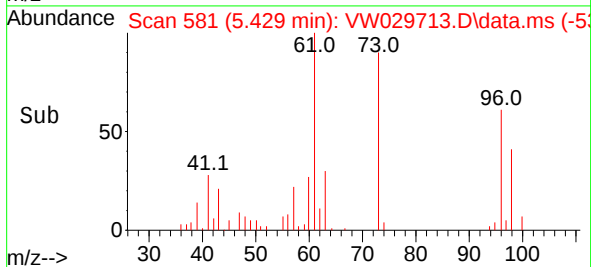
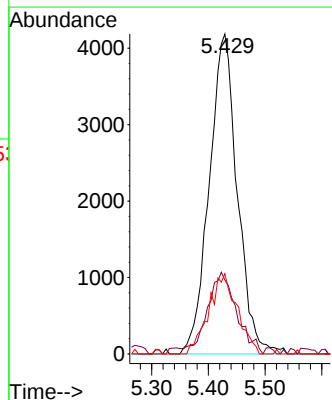
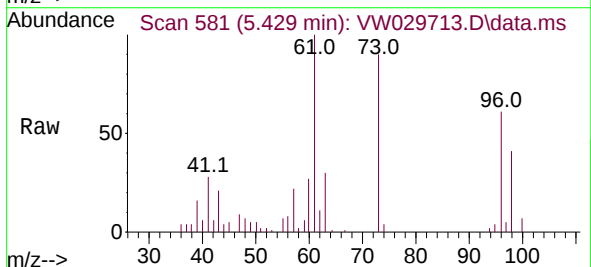
Tgt Ion: 73 Resp: 14416

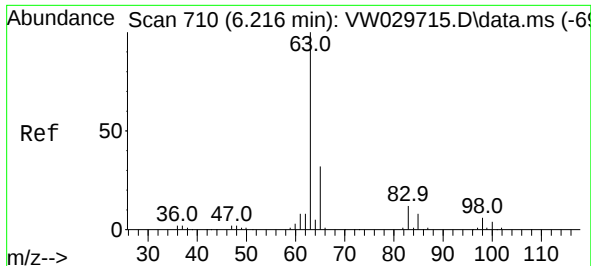
Ion Ratio Lower Upper

73 100

43 24.0 18.3 27.5

57 25.5 17.9 26.9





#19

1,1-Dichloroethane

Concen: 2.849 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029713.D

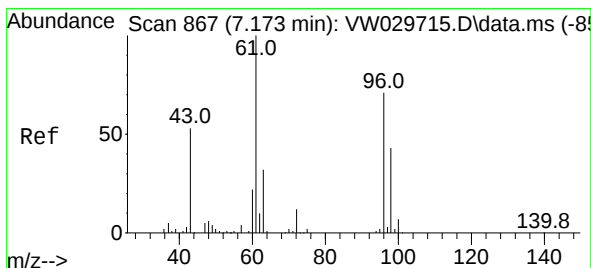
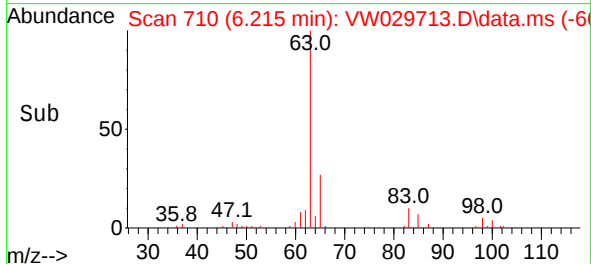
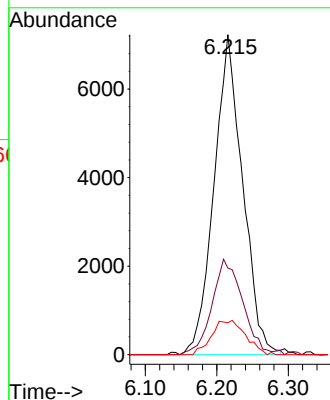
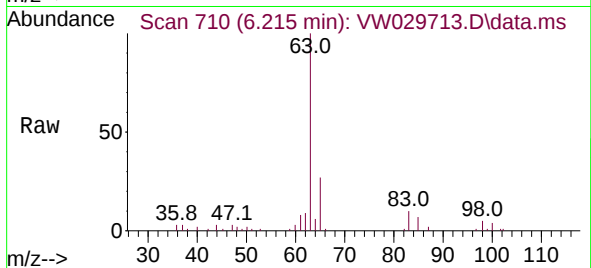
Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	20068
Ion	Ratio	Lower	Upper
63	100		
65	27.1	22.3	41.3
83	10.0	8.5	15.7



#20

cis-1,2-Dichloroethene

Concen: 2.619 ug/L

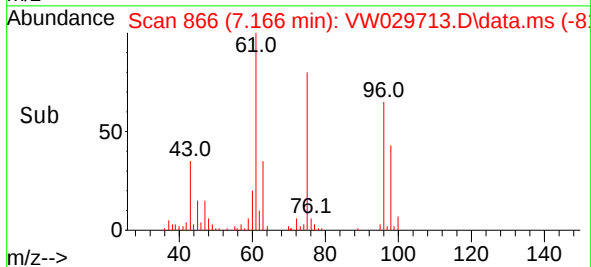
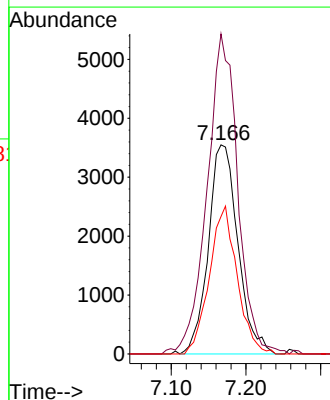
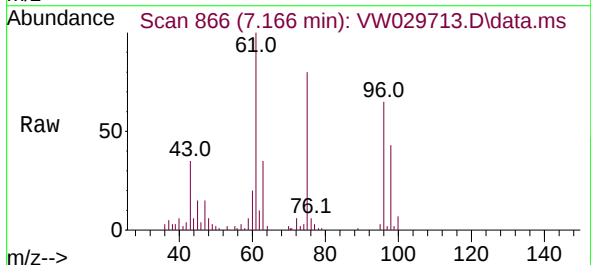
RT: 7.166 min Scan# 866

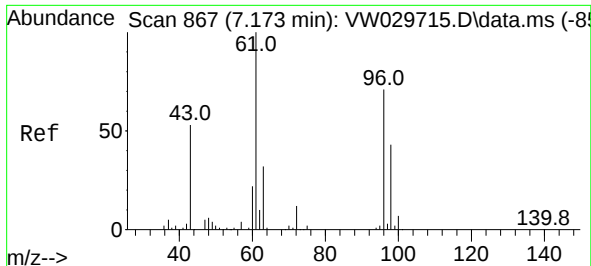
Delta R.T. -0.006 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Tgt Ion:	96	Resp:	9762
Ion	Ratio	Lower	Upper
96	100		
61	153.1	98.2	182.4
98	65.8	41.9	77.9

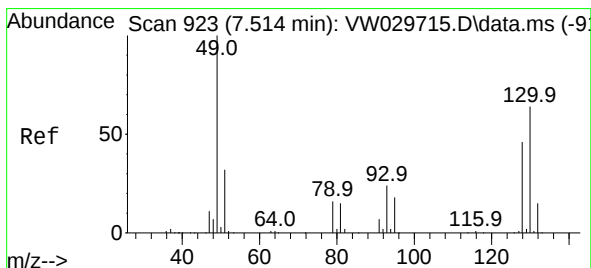
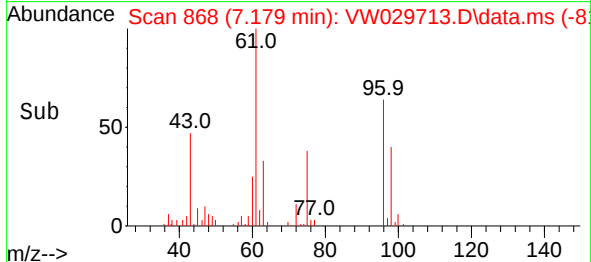
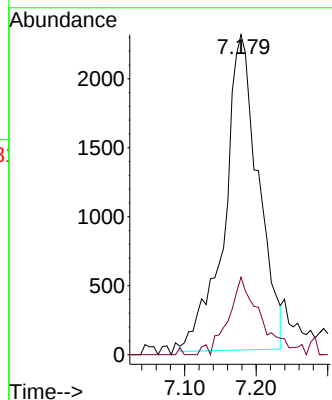
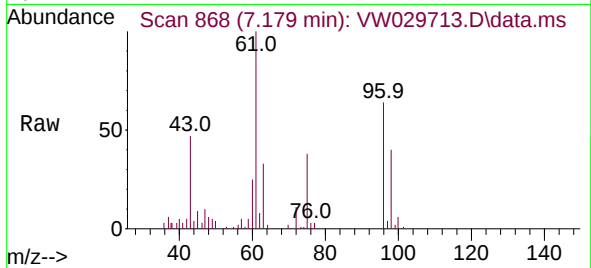




#22
2-Butanone
Concen: 4.792 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW029713.D
Acq: 24 Jul 2024 15:28

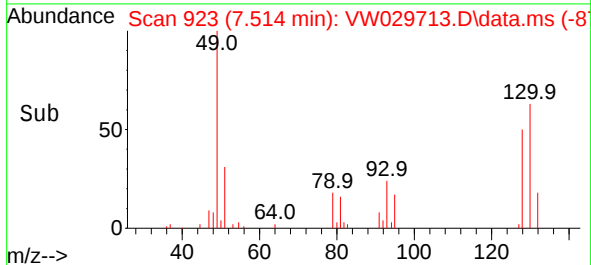
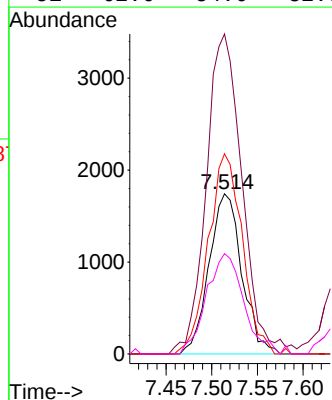
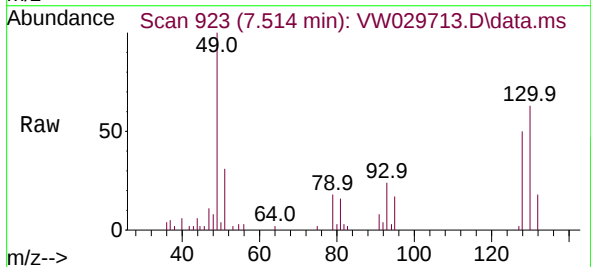
Instrument :
MSVOA_W
ClientSampleId :

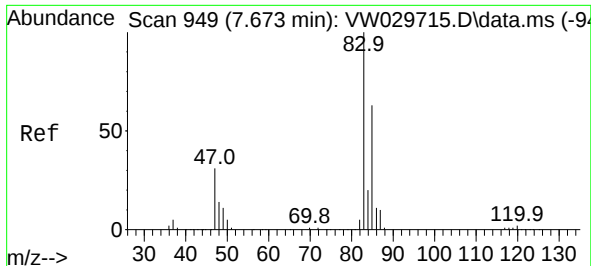
Tgt Ion: 43 Resp: 7552
Ion Ratio Lower Upper
43 100
72 19.4 11.7 35.1



#23
Bromochloromethane
Concen: 2.631 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029713.D
Acq: 24 Jul 2024 15:28

Tgt Ion: 128 Resp: 4359
Ion Ratio Lower Upper
128 100
49 199.8 151.1 280.7
130 125.0 96.8 179.8
51 62.6 54.6 82.0





#25

Chloroform

Concen: 2.823 ug/L

RT: 7.672 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

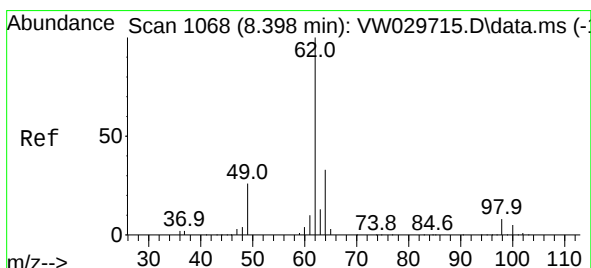
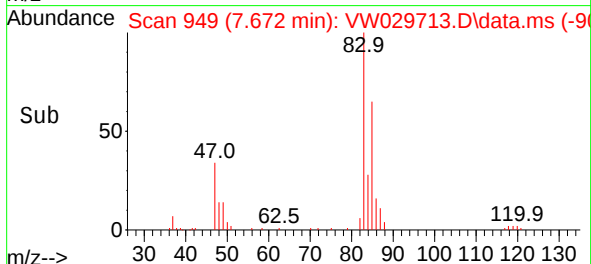
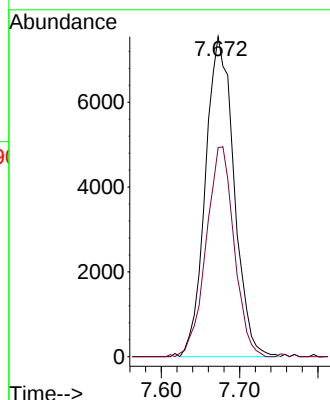
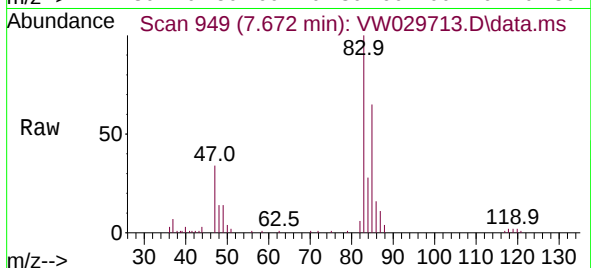
ClientSampleId :

Tgt Ion: 83 Resp: 19126

Ion Ratio Lower Upper

83 100

85 65.3 44.4 82.4



#27

1,2-Dichloroethane

Concen: 2.781 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW029713.D

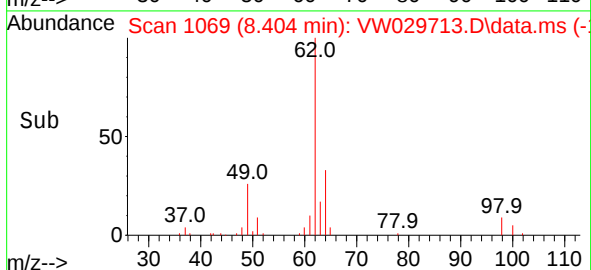
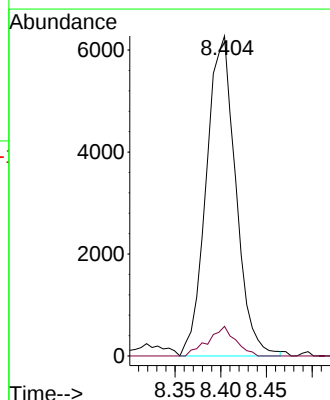
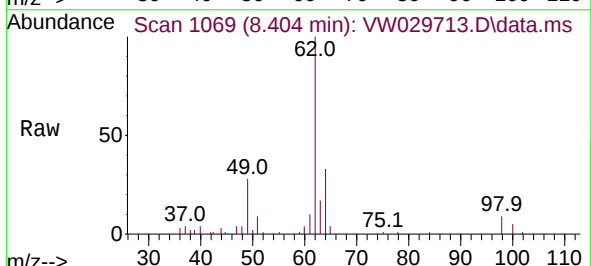
Acq: 24 Jul 2024 15:28

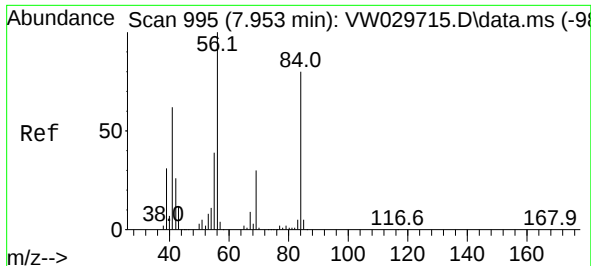
Tgt Ion: 62 Resp: 14037

Ion Ratio Lower Upper

62 100

98 9.3 6.6 10.0





#29

Cyclohexane

Concen: 2.505 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

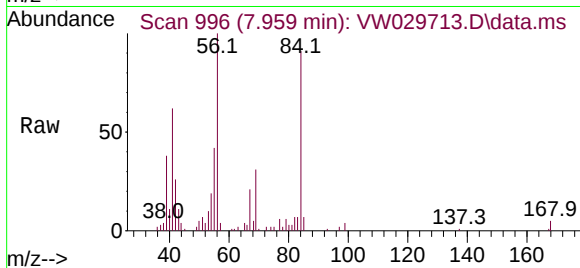
Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

ClientSampleId :



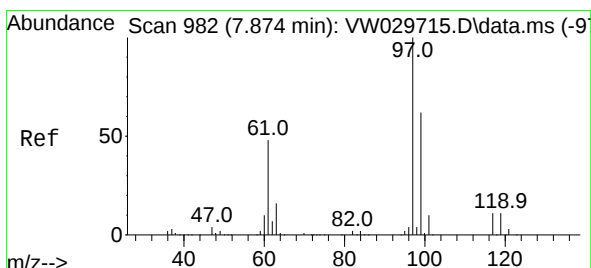
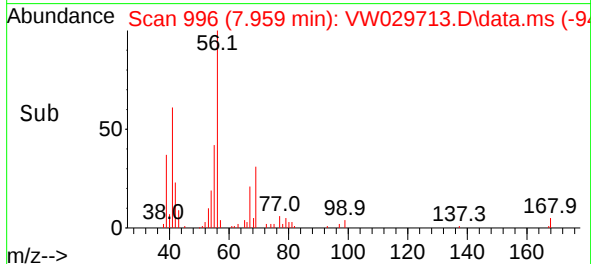
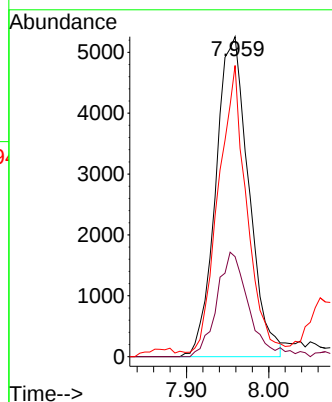
Tgt Ion: 56 Resp: 14621

Ion Ratio Lower Upper

56 100

69 30.5 23.0 34.4

84 80.2 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 2.883 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

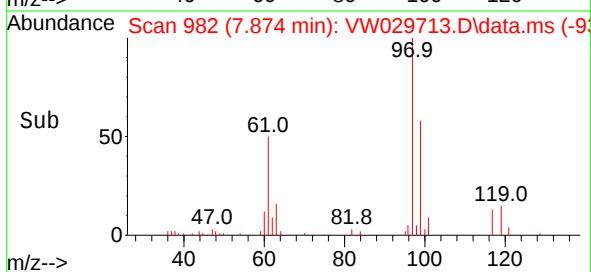
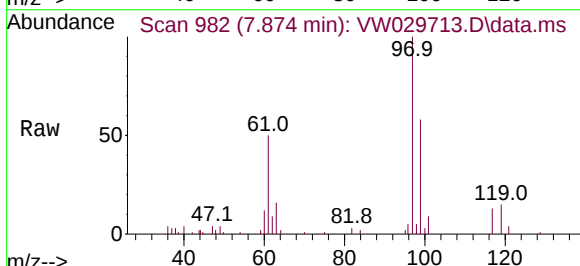
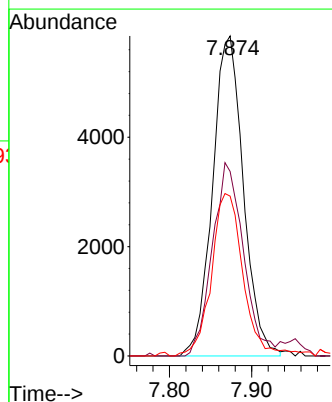
Tgt Ion: 97 Resp: 15238

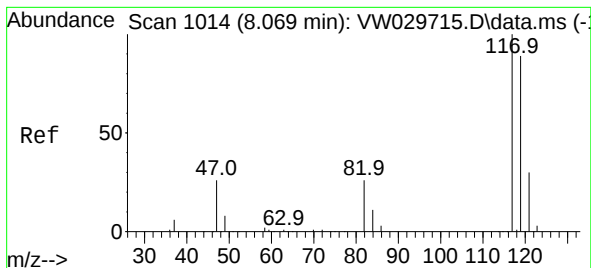
Ion Ratio Lower Upper

97 100

99 60.0 52.1 78.1

61 50.5 42.6 63.8





#31

Carbon tetrachloride

Concen: 2.749 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

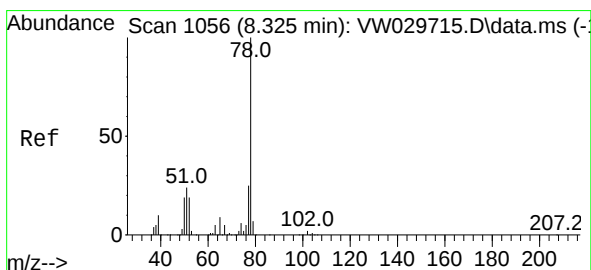
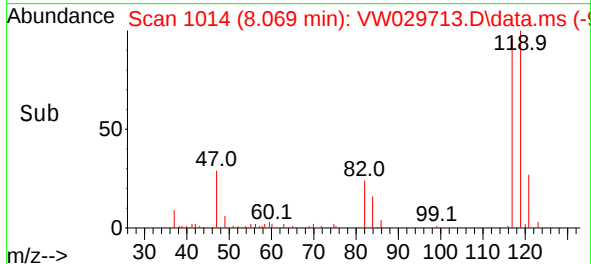
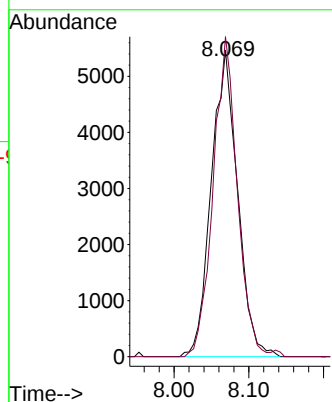
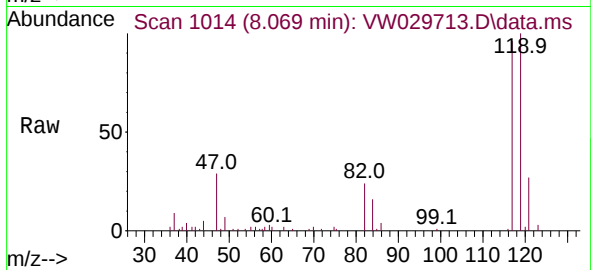
ClientSampleId :

Tgt Ion:117 Resp: 13358

Ion Ratio Lower Upper

117 100

119 95.6 74.8 112.2



#33

Benzene

Concen: 2.735 ug/L

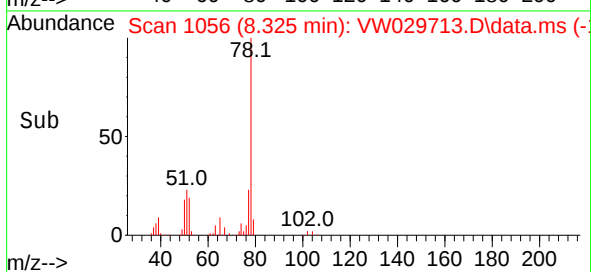
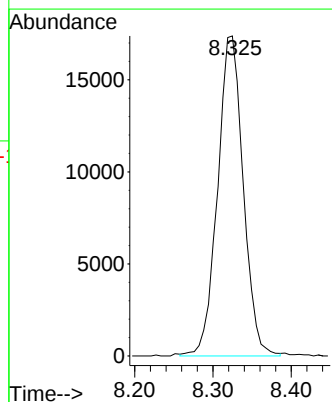
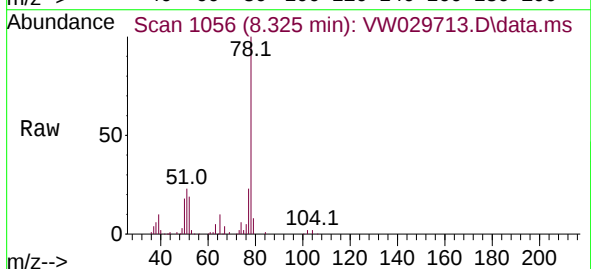
RT: 8.325 min Scan# 1056

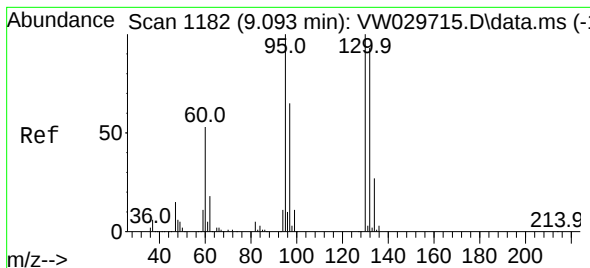
Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Tgt Ion: 78 Resp: 39540





#34

Trichloroethene

Concen: 2.868 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

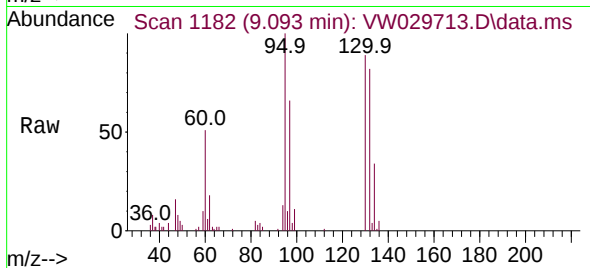
Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 10900

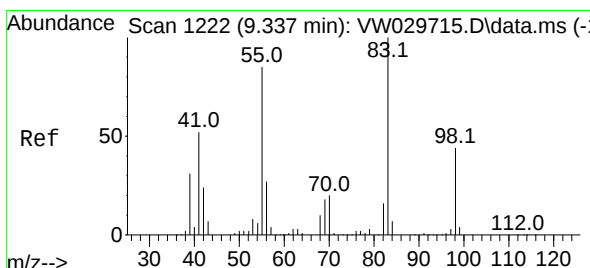
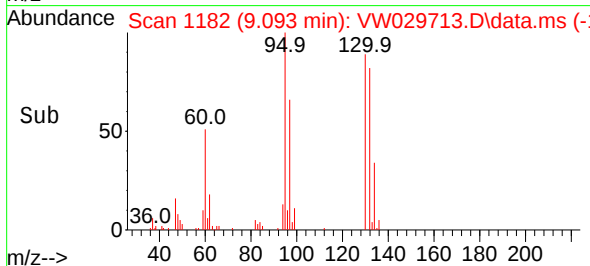
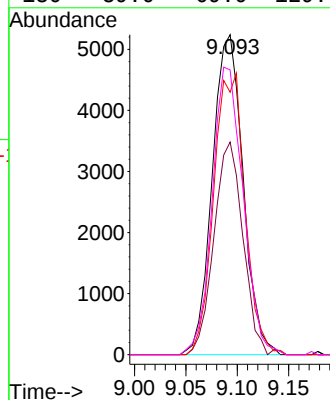
Ion Ratio Lower Upper

95 100

97 66.5 45.6 84.8

132 82.0 65.2 121.0

130 89.0 69.9 129.7



#35

Methylcyclohexane

Concen: 2.497 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

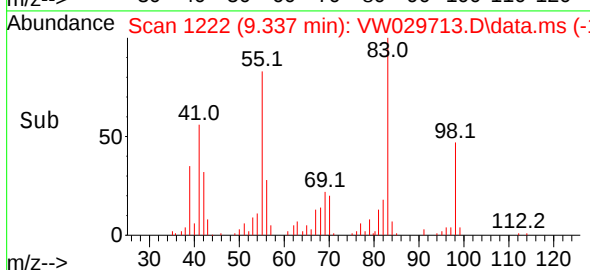
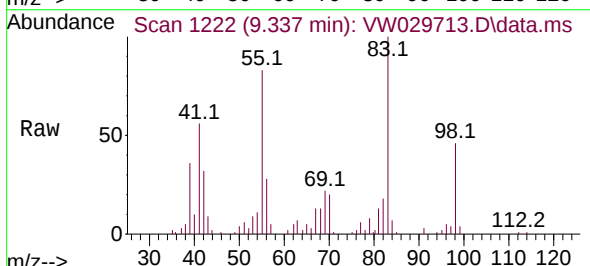
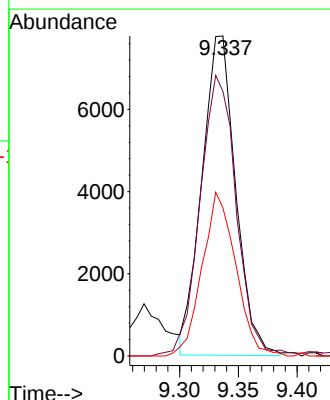
Tgt Ion: 83 Resp: 15562

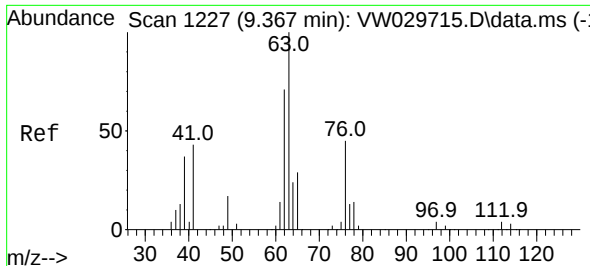
Ion Ratio Lower Upper

83 100

55 93.5 67.4 101.2

98 50.9 36.7 55.1





#37

1,2-Dichloropropane

Concen: 0.378 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.098 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

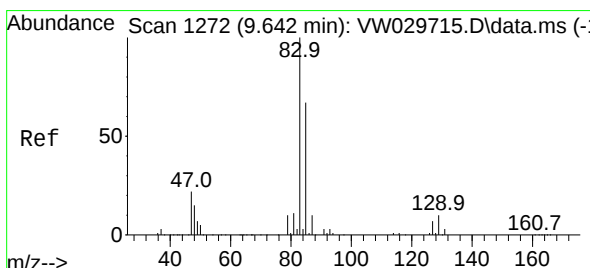
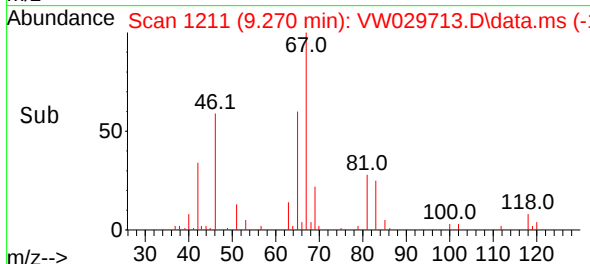
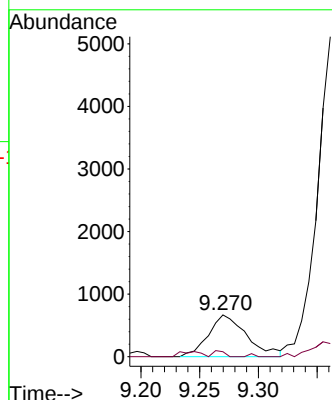
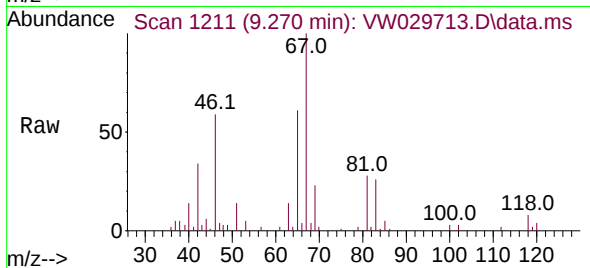
ClientSampleId :

Tgt Ion: 63 Resp: 1513

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 2.716 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

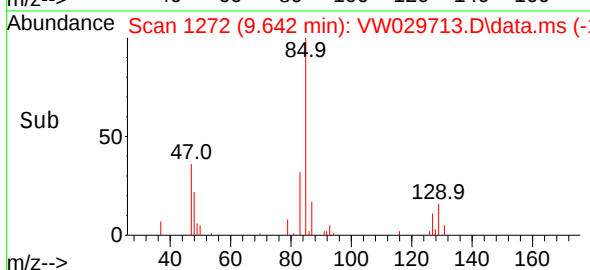
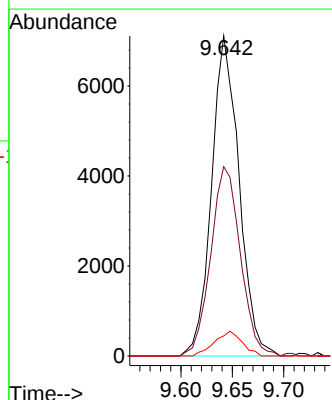
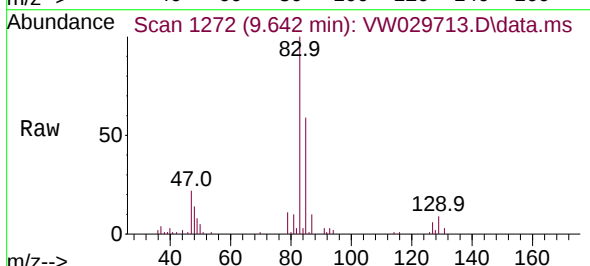
Tgt Ion: 83 Resp: 13228

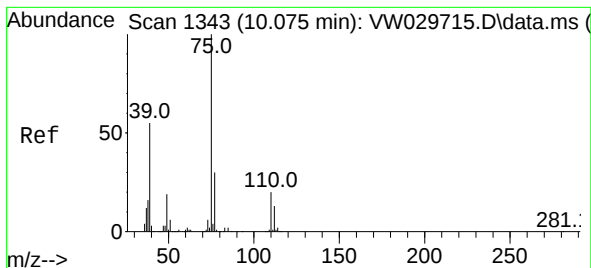
Ion Ratio Lower Upper

83 100

85 59.2 46.6 86.6

127 6.3 5.9 8.9

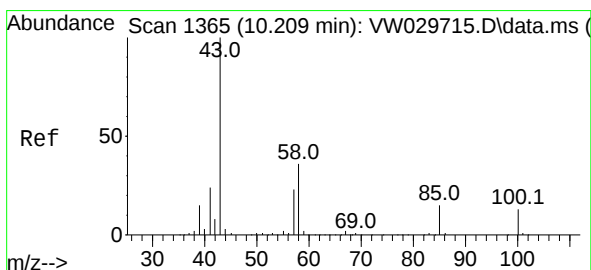
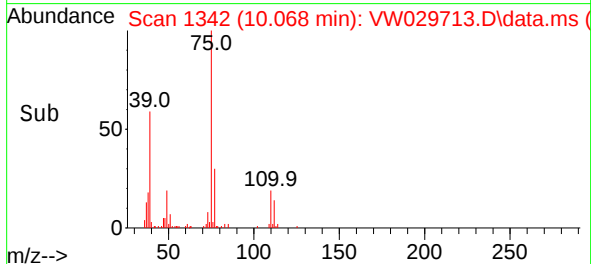
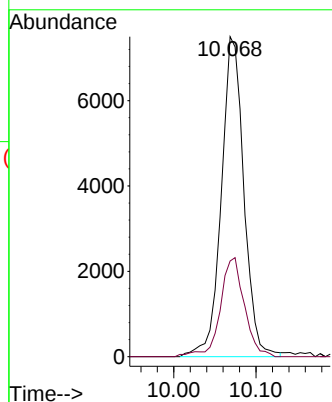
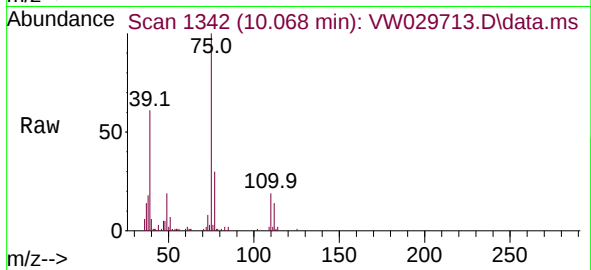




#39
cis-1,3-Dichloropropene
Concen: 2.396 ug/L
RT: 10.068 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW029713.D
Acq: 24 Jul 2024 15:28

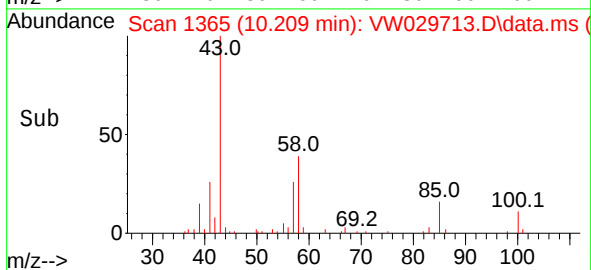
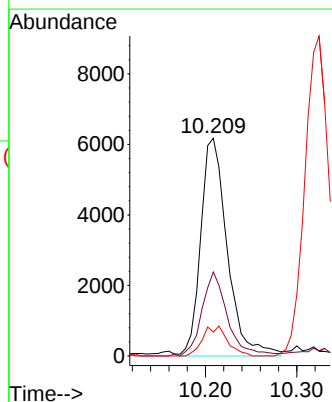
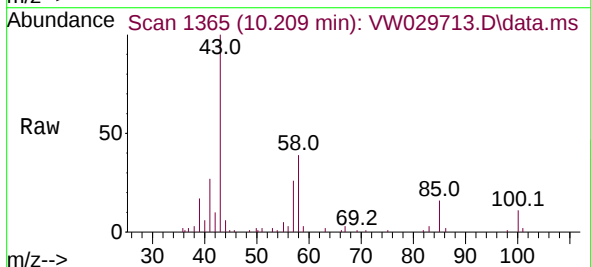
Instrument :
MSVOA_W
ClientSampleId :

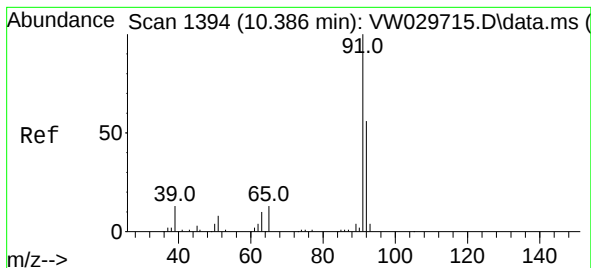
Tgt Ion: 75 Resp: 14321
Ion Ratio Lower Upper
75 100
77 29.9 20.8 38.6



#40
4-Methyl-2-pentanone
Concen: 4.441 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW029713.D
Acq: 24 Jul 2024 15:28

Tgt Ion: 43 Resp: 12436
Ion Ratio Lower Upper
43 100
58 36.8 28.7 43.1
100 12.8 10.0 15.0





#42

Toluene

Concen: 2.639 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

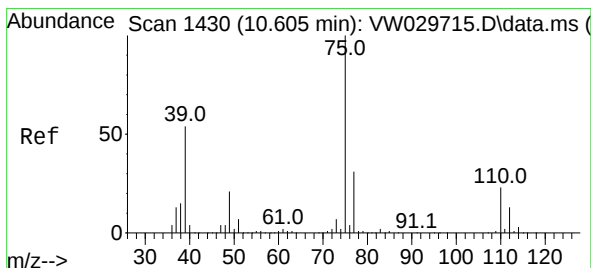
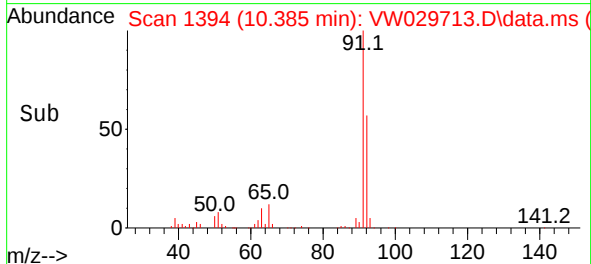
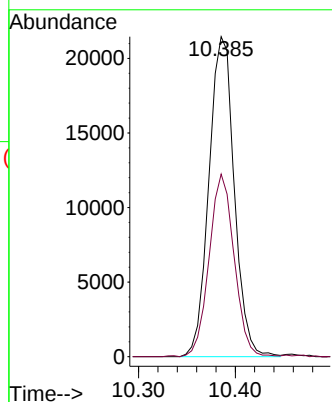
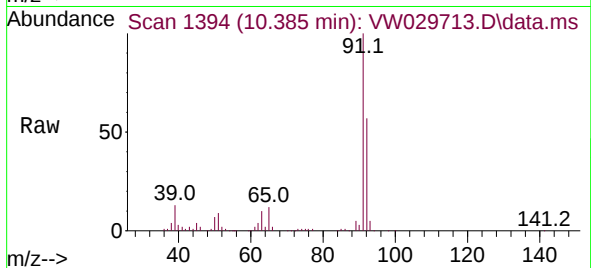
ClientSampleId :

Tgt Ion: 91 Resp: 39040

Ion Ratio Lower Upper

91 100

92 57.1 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 2.351 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029713.D

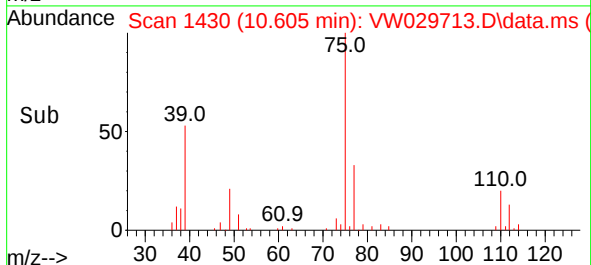
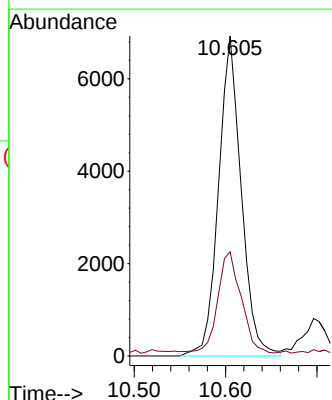
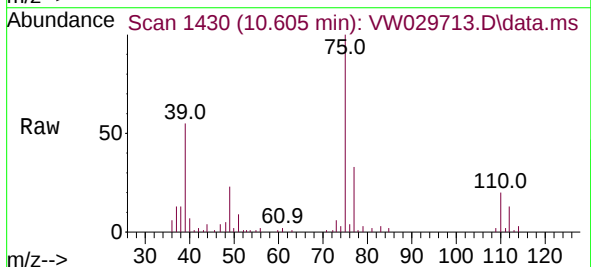
Acq: 24 Jul 2024 15:28

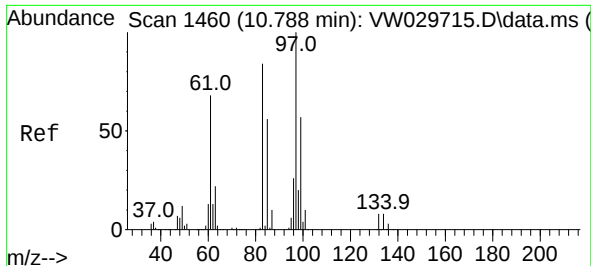
Tgt Ion: 75 Resp: 11967

Ion Ratio Lower Upper

75 100

77 32.5 22.0 41.0

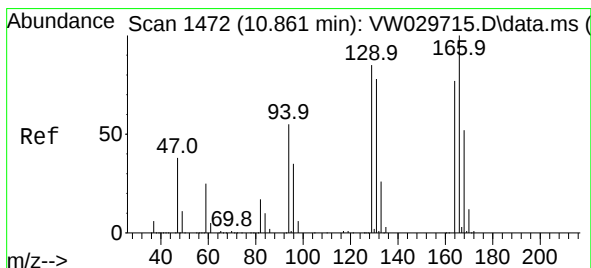
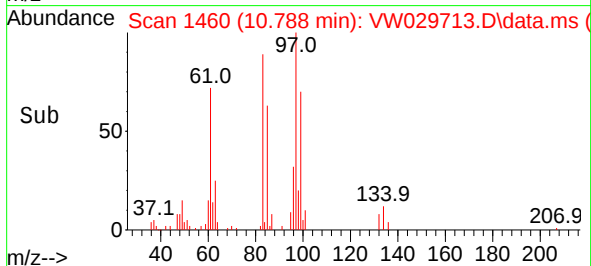
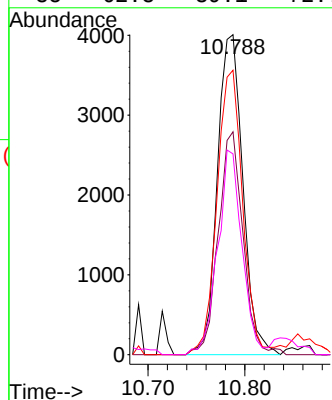
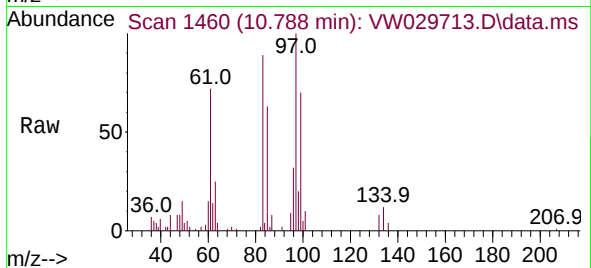




#45
1,1,2-Trichloroethane
Concen: 2.571 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW029713.D
Acq: 24 Jul 2024 15:28

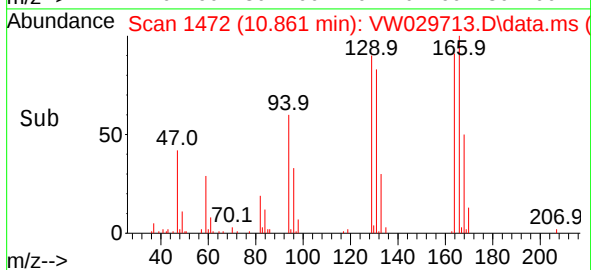
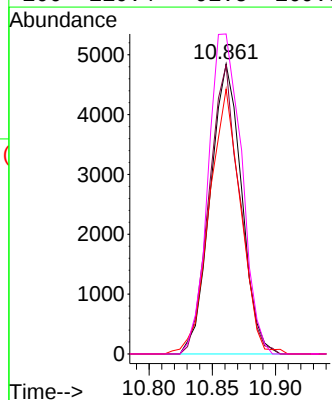
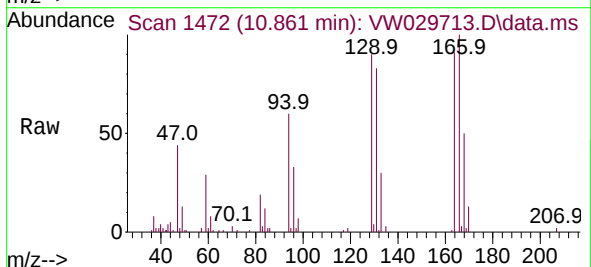
Instrument :
MSVOA_W
ClientSampleId :

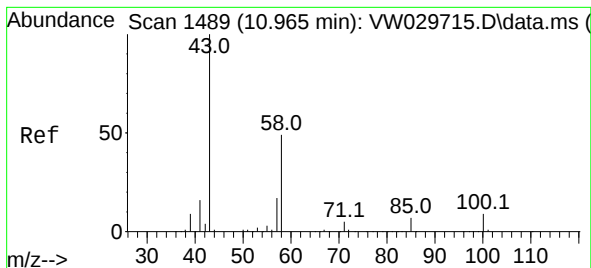
Tgt Ion:	97	Resp:	7328
Ion	Ratio	Lower	Upper
97	100		
99	69.6	40.1	74.5
83	88.9	58.5	108.7
85	62.8	39.1	72.7



#46
Tetrachloroethene
Concen: 3.121 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW029713.D
Acq: 24 Jul 2024 15:28

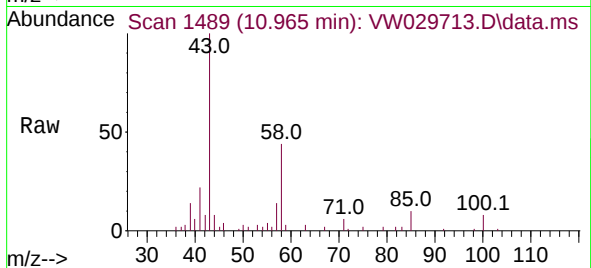
Tgt Ion:	164	Resp:	8330
Ion	Ratio	Lower	Upper
164	100		
129	99.6	77.8	144.6
131	91.4	70.9	131.7
166	110.4	91.5	169.9





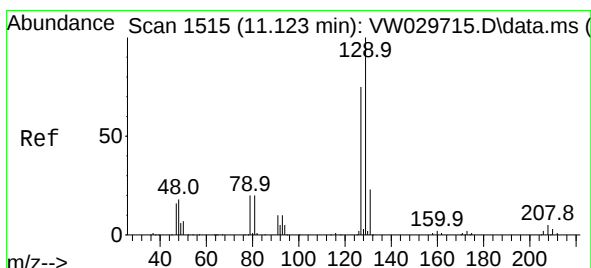
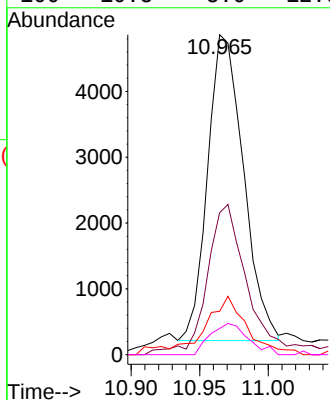
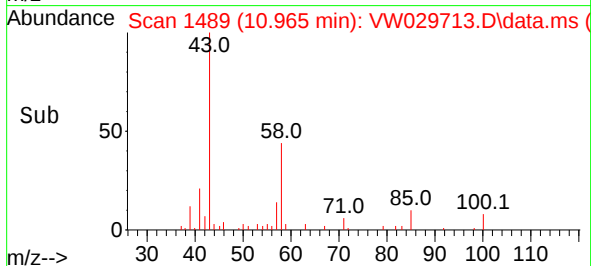
#48
2-Hexanone
Concen: 4.048 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029713.D
Acq: 24 Jul 2024 15:28

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 8452

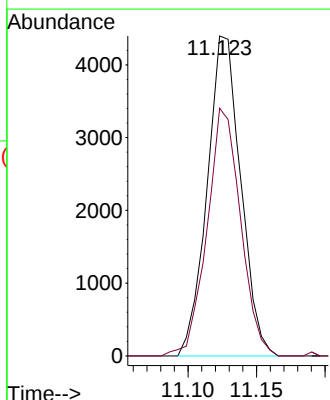
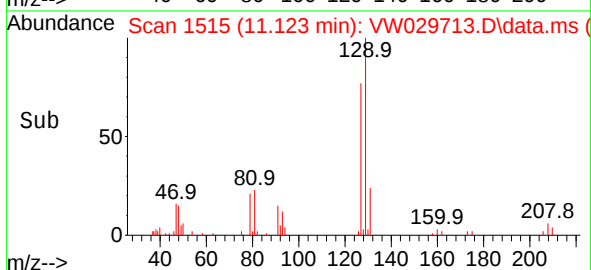
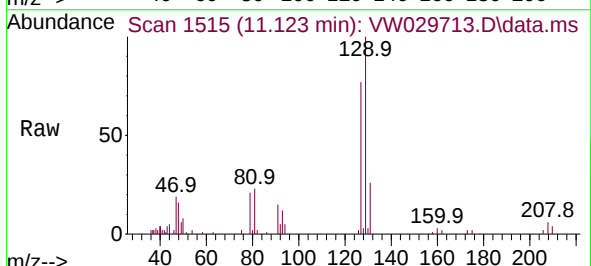
Ion	Ratio	Lower	Upper
43	100		
58	51.5	41.0	61.4
57	19.8	14.1	21.1
100	10.8	8.0	12.0

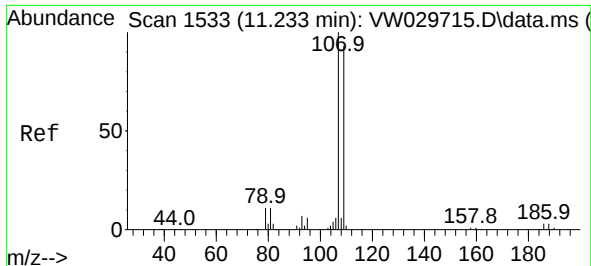


#49
Dibromochloromethane
Concen: 2.536 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW029713.D
Acq: 24 Jul 2024 15:28

Tgt Ion: 129 Resp: 7488

Ion	Ratio	Lower	Upper
129	100		
127	77.4	52.4	97.2





#50

1,2-Dibromoethane

Concen: 2.516 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029713.D

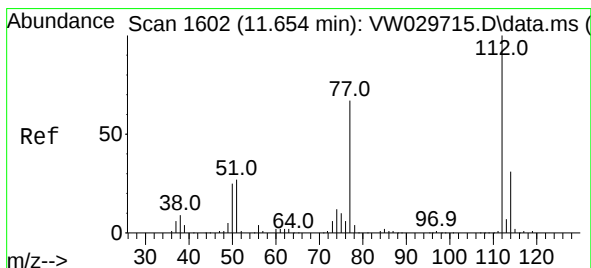
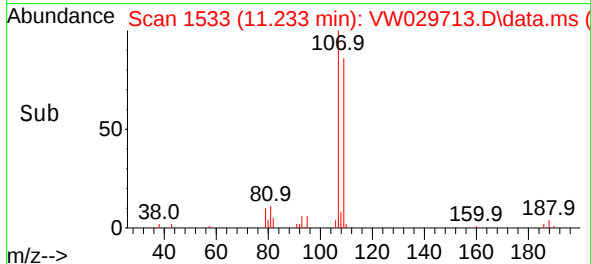
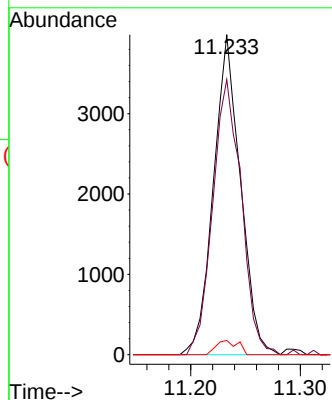
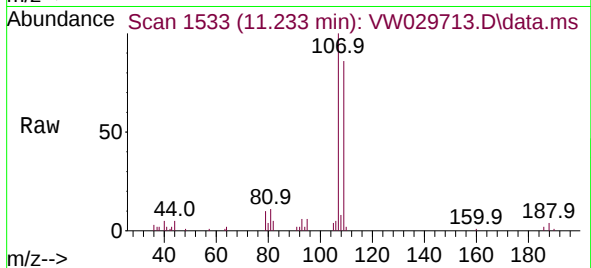
Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	6804
Ion	Ratio	Lower Upper
107	100	
109	85.9	64.8 120.3
188	4.5	2.7 4.1#



#51

Chlorobenzene

Concen: 2.849 ug/L

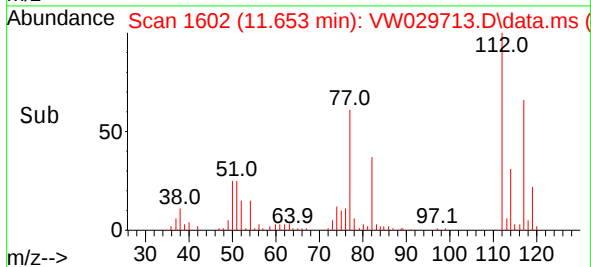
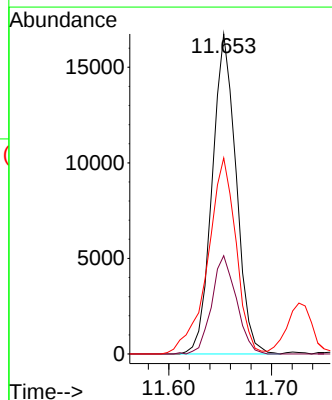
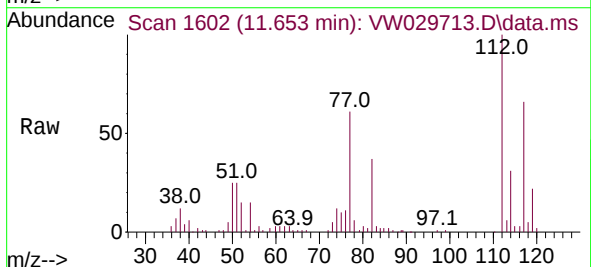
RT: 11.653 min Scan# 1602

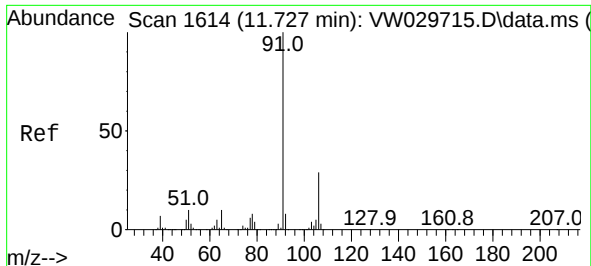
Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Tgt Ion:112	Resp:	27076
Ion	Ratio	Lower Upper
112	100	
114	30.7	22.0 40.8
77	61.2	53.8 80.8





#52

Ethylbenzene

Concen: 2.588 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

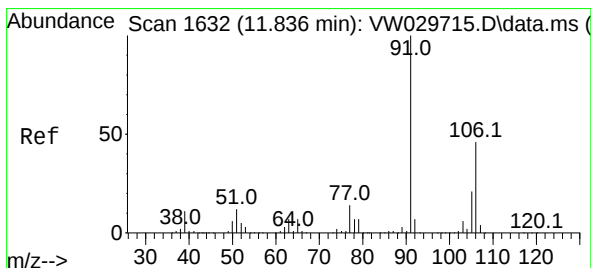
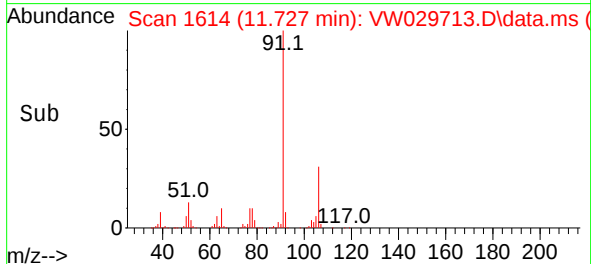
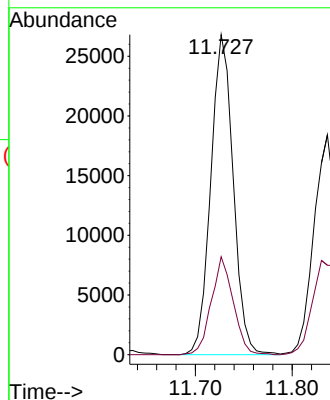
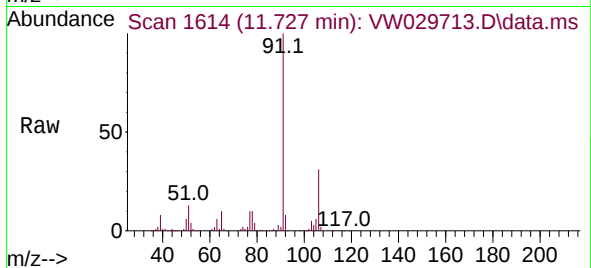
ClientSampleId :

Tgt Ion: 91 Resp: 43173

Ion Ratio Lower Upper

91 100

106 30.6 20.4 38.0



#53

m,p-Xylene

Concen: 2.638 ug/L

RT: 11.830 min Scan# 1631

Delta R.T. -0.006 min

Lab File: VW029713.D

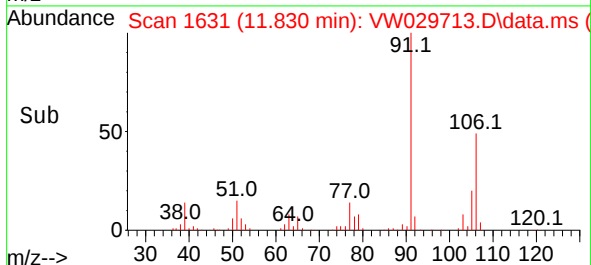
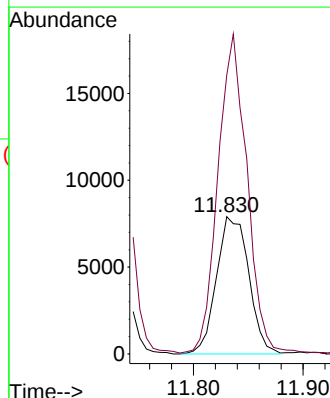
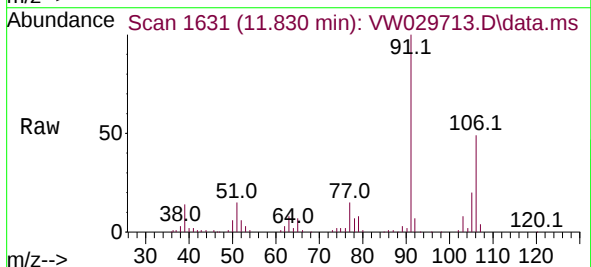
Acq: 24 Jul 2024 15:28

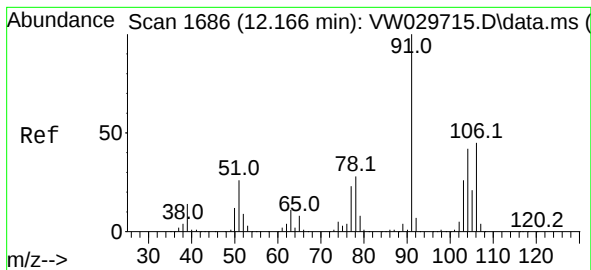
Tgt Ion:106 Resp: 16185

Ion Ratio Lower Upper

106 100

91 203.2 151.4 281.2





#54

o-Xylene

Concen: 2.551 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

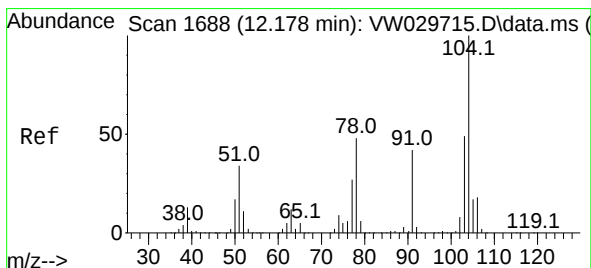
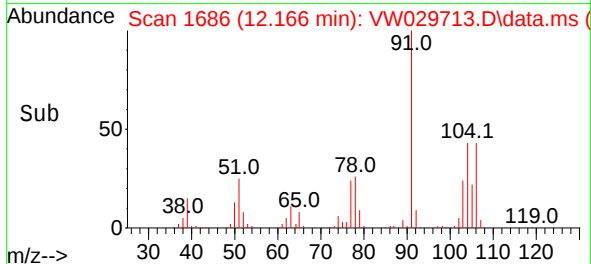
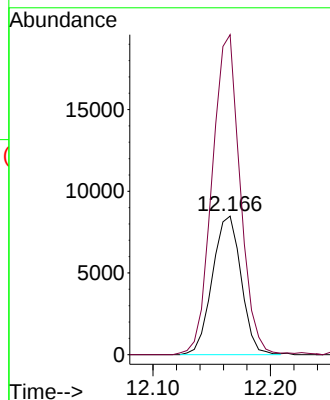
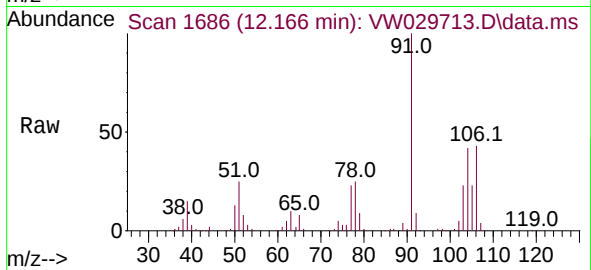
ClientSampleId :

Tgt Ion:106 Resp: 14426

Ion Ratio Lower Upper

106 100

91 230.9 155.8 289.4



#55

Styrene

Concen: 2.473 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029713.D

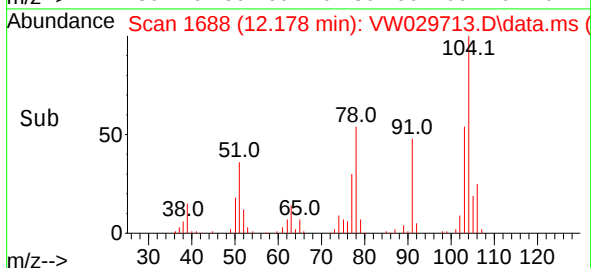
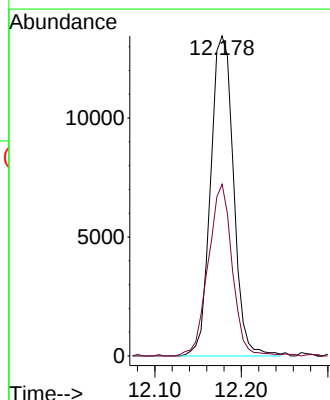
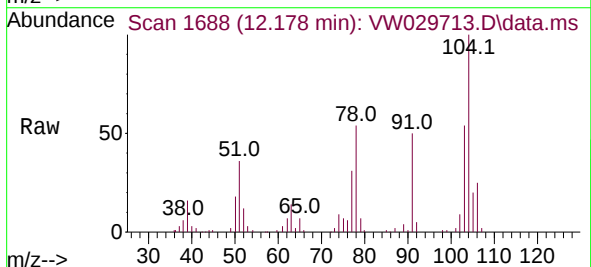
Acq: 24 Jul 2024 15:28

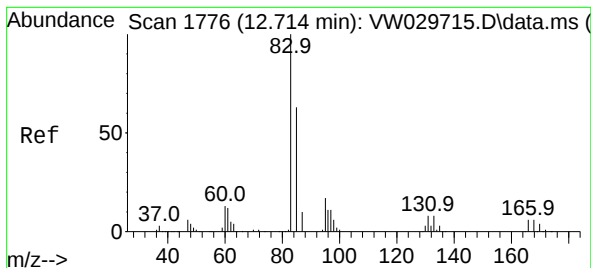
Tgt Ion:104 Resp: 24717

Ion Ratio Lower Upper

104 100

78 53.7 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 2.571 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

ClientSampleId :

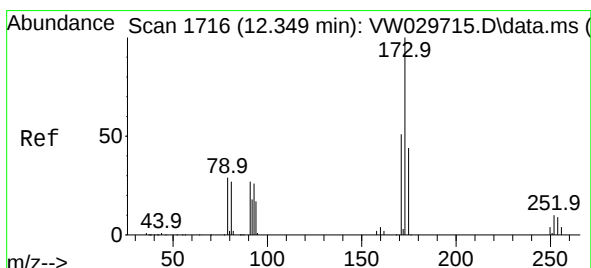
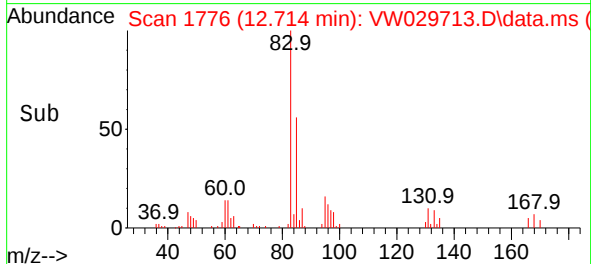
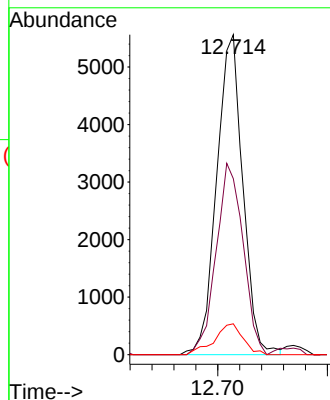
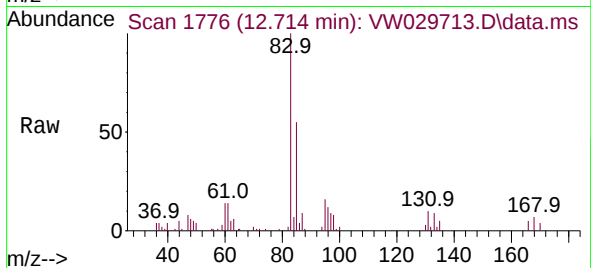
Tgt Ion: 83 Resp: 9226

Ion Ratio Lower Upper

83 100

85 55.0 44.2 82.0

131 9.7 6.2 9.2#



#59

Bromoform

Concen: 2.364 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

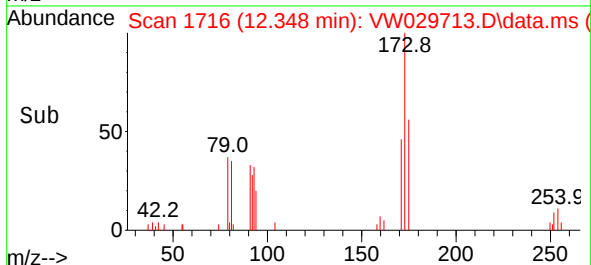
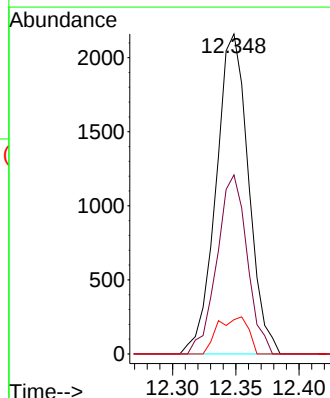
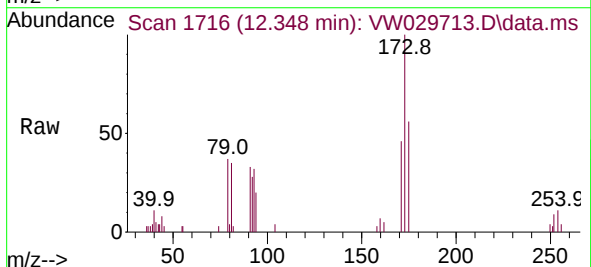
Tgt Ion:173 Resp: 3848

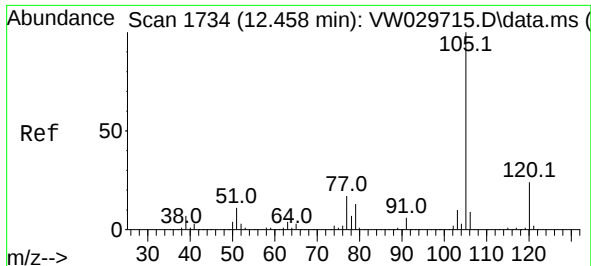
Ion Ratio Lower Upper

173 100

175 52.0 38.1 57.1

254 6.1 7.8 11.6#





#60

Isopropylbenzene

Concen: 2.654 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

ClientSampleId :

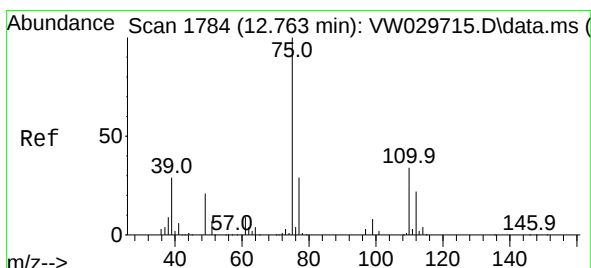
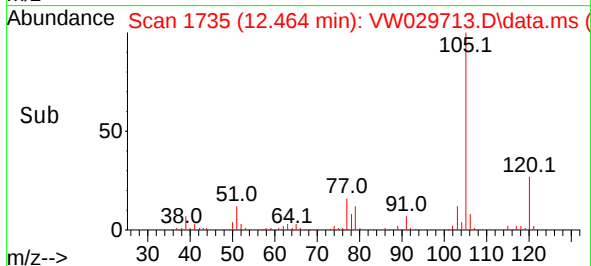
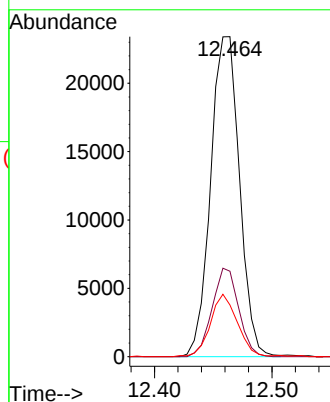
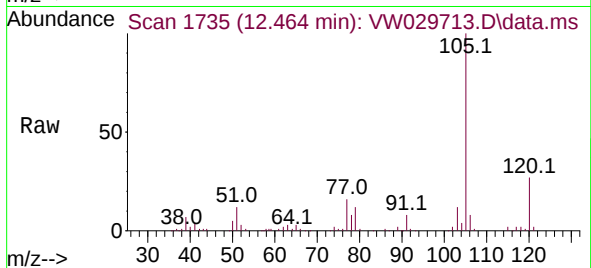
Tgt Ion:105 Resp: 39976

Ion Ratio Lower Upper

105 100

120 25.4 20.3 30.5

77 18.2 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 2.815 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

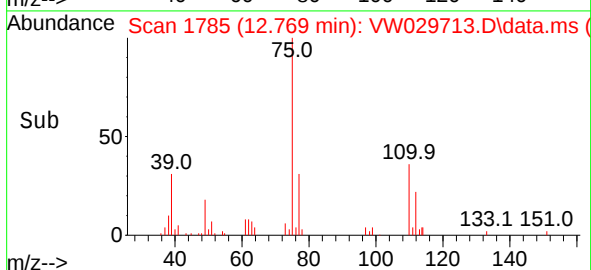
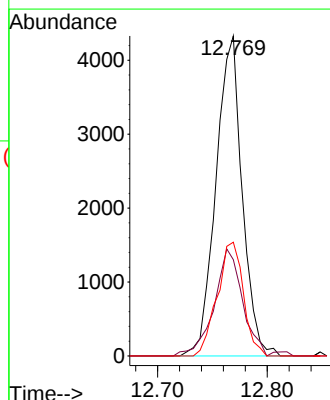
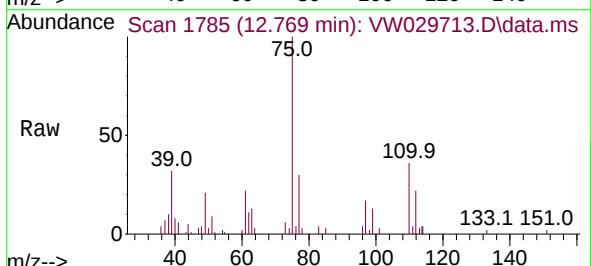
Tgt Ion: 75 Resp: 7206

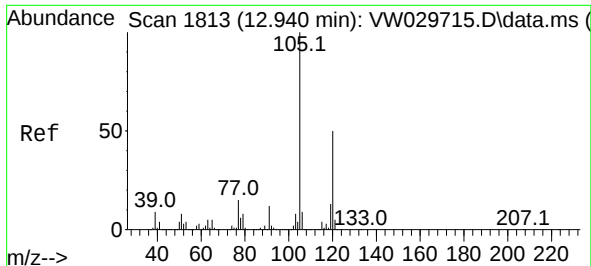
Ion Ratio Lower Upper

75 100

77 36.0 25.4 38.0

110 35.3 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 2.341 ug/L

RT: 12.934 min Scan# 1812

Delta R.T. -0.006 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

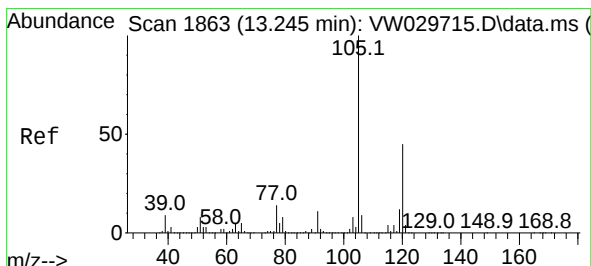
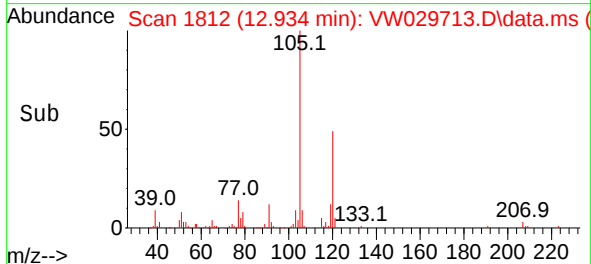
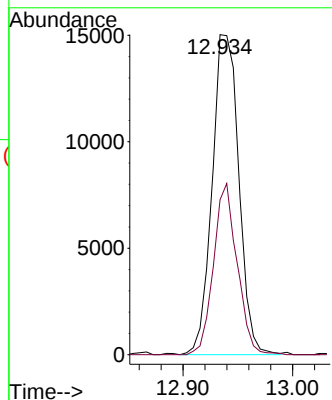
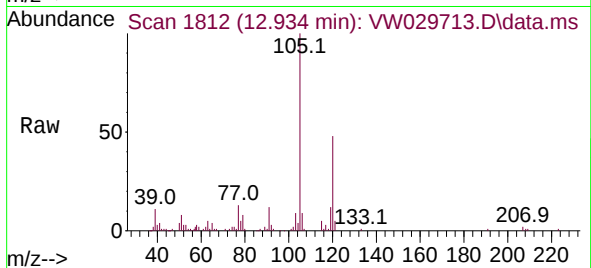
ClientSampleId :

Tgt Ion:105 Resp: 25445

Ion Ratio Lower Upper

105 100

120 47.2 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 2.596 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029713.D

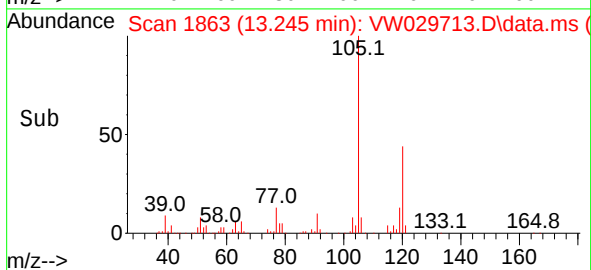
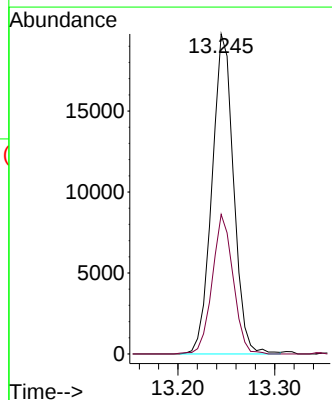
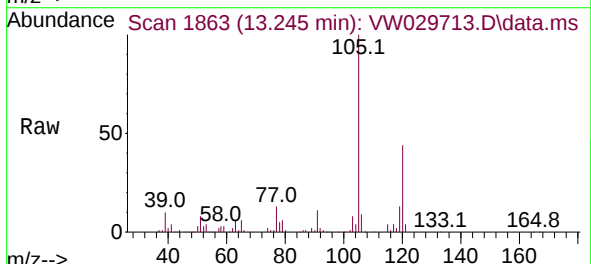
Acq: 24 Jul 2024 15:28

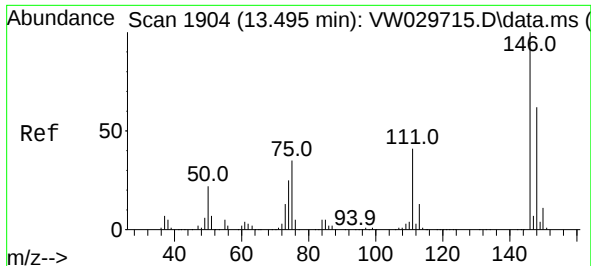
Tgt Ion:105 Resp: 30656

Ion Ratio Lower Upper

105 100

120 40.7 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 2.800 ug/L

RT: 13.489 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

ClientSampleId :

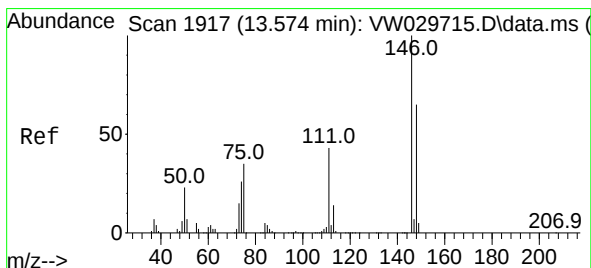
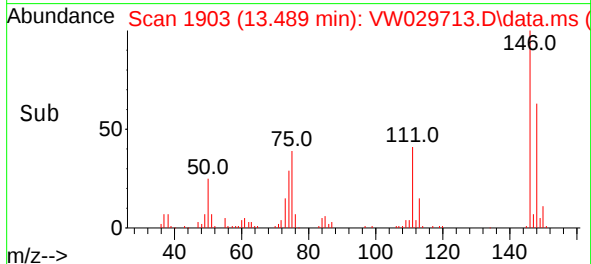
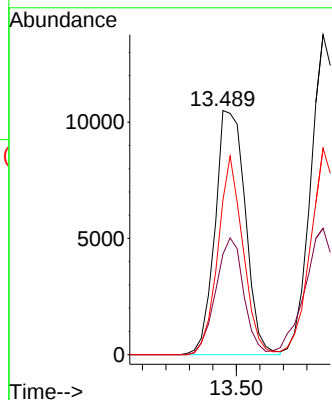
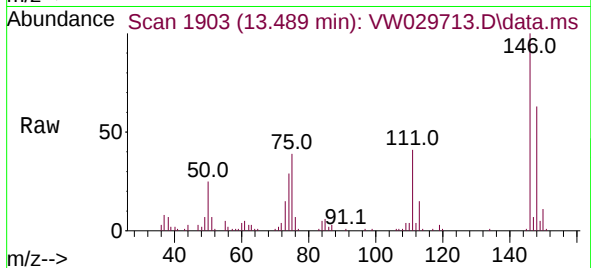
Tgt Ion:146 Resp: 18776

Ion Ratio Lower Upper

146 100

111 41.2 28.7 53.3

148 63.3 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 3.105 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

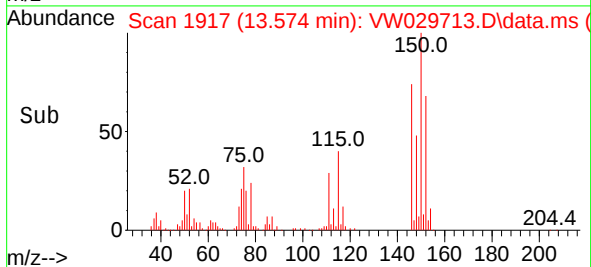
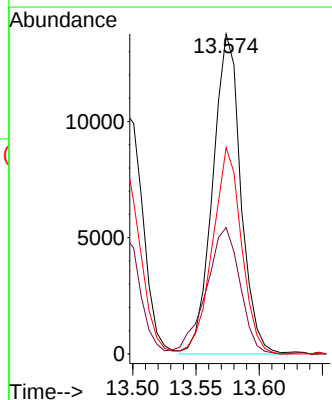
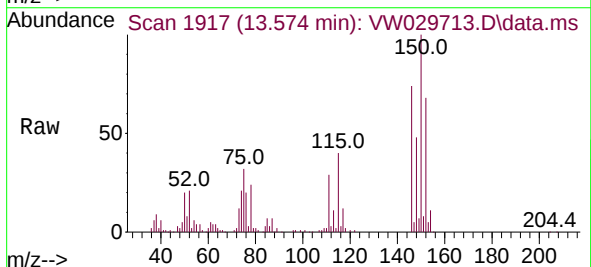
Tgt Ion:146 Resp: 21230

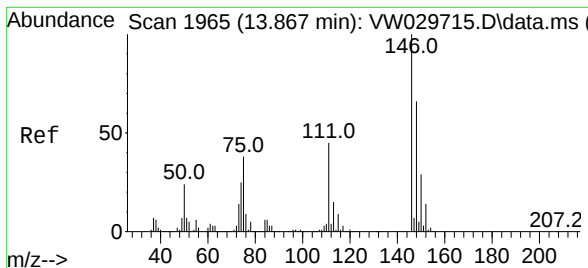
Ion Ratio Lower Upper

146 100

111 39.5 30.1 55.9

148 64.5 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 2.873 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

ClientSampleId :

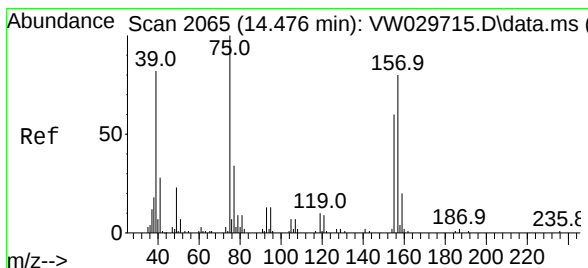
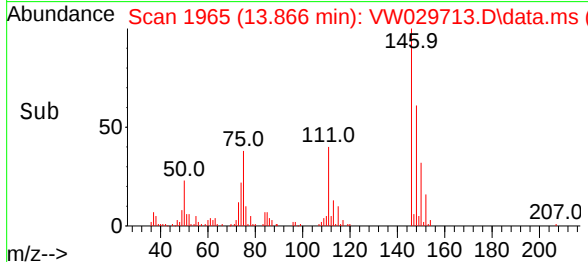
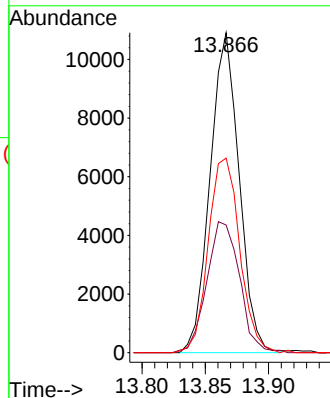
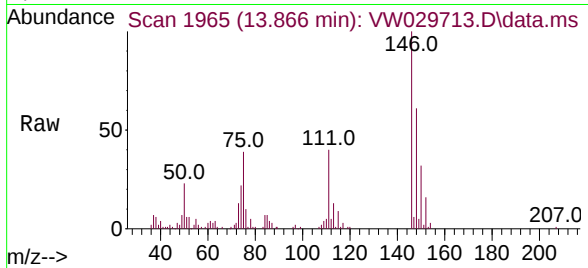
Tgt Ion:146 Resp: 17410

Ion Ratio Lower Upper

146 100

111 39.9 35.8 53.8

148 60.8 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 2.723 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

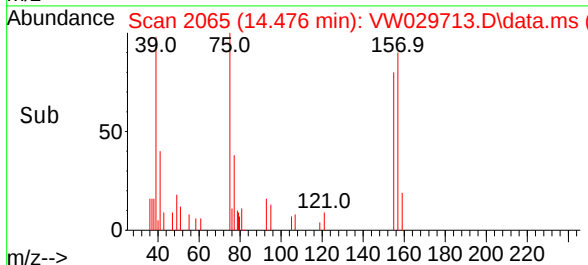
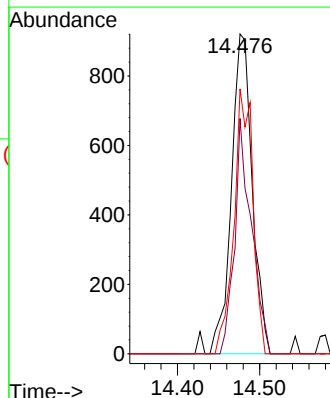
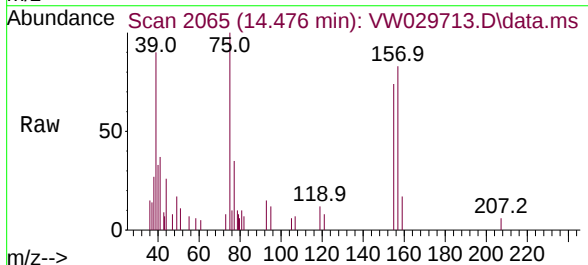
Tgt Ion: 75 Resp: 1652

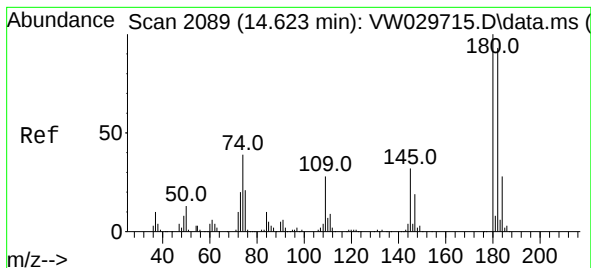
Ion Ratio Lower Upper

75 100

155 73.6 47.8 71.6#

157 82.8 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 3.132 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

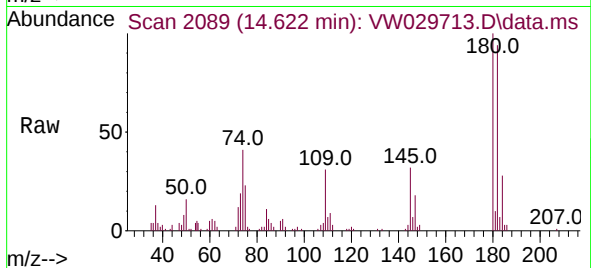
Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 13835

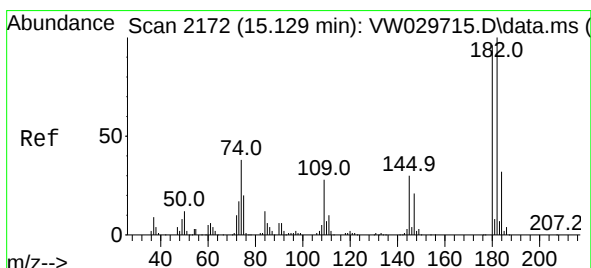
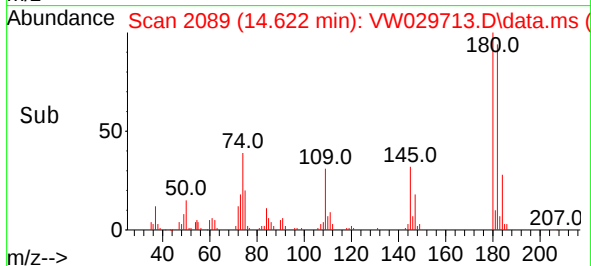
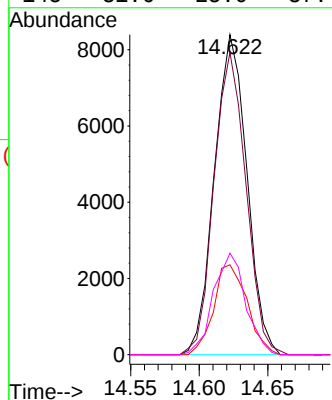
Ion Ratio Lower Upper

180 100

182 92.7 72.7 109.1

184 29.1 23.3 34.9

145 31.6 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 3.211 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

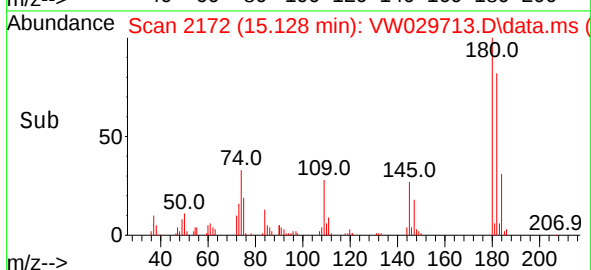
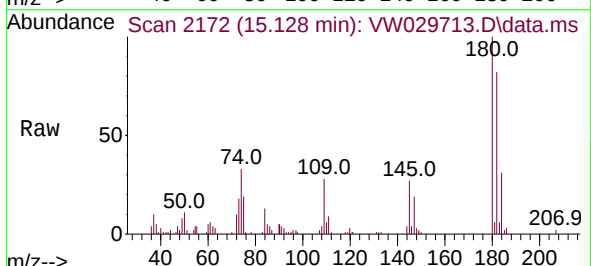
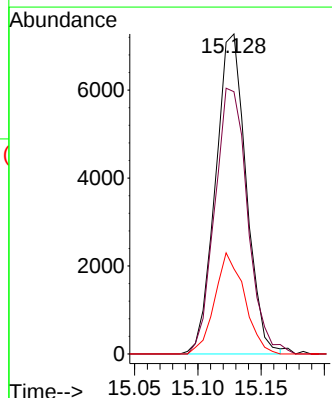
Tgt Ion:180 Resp: 12242

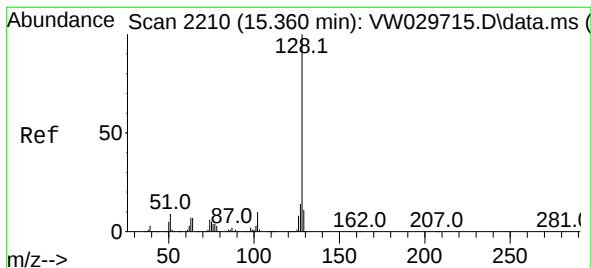
Ion Ratio Lower Upper

180 100

182 89.0 80.2 120.4

145 30.8 26.3 39.5





#71

Naphthalene

Concen: 2.334 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Instrument :

MSVOA_W

ClientSampleId :

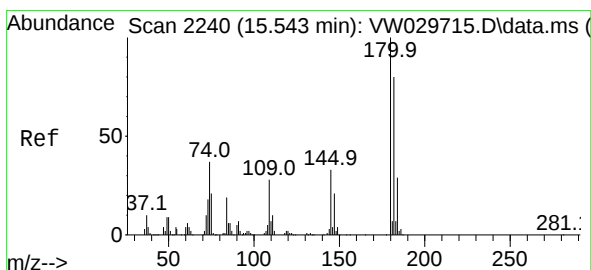
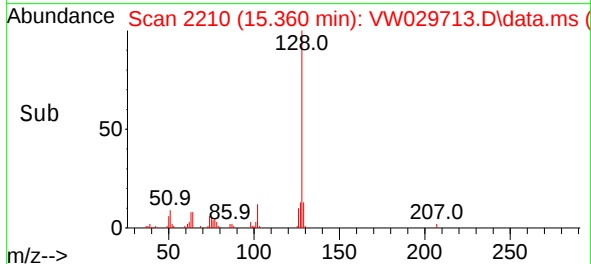
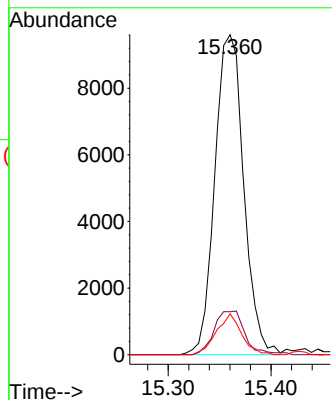
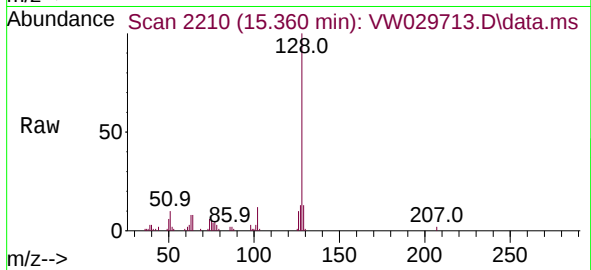
Tgt Ion:128 Resp: 18734

Ion Ratio Lower Upper

128 100

127 14.3 10.7 16.1

129 11.2 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 3.251 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW029713.D

Acq: 24 Jul 2024 15:28

Tgt Ion:180 Resp: 11210

Ion Ratio Lower Upper

180 100

182 93.0 74.0 111.0

145 32.6 27.5 41.3

