

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
 Data File : VW029413.D
 Acq On : 28 Jun 2024 21:10
 Operator : SY/MD
 Sample : P3088-04MSD
 Misc : 5.79g/11mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 29 02:17:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	459326	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	400507	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	179925	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	103109	16.218	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.880%
7) Chloroethane-d5	2.899	69	90535	16.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.440%
11) 1,1-Dichloroethene-d2	4.015	65	54983	17.912	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.640%
21) 2-Butanone-d5	7.075	46	59251	31.150	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.300%
24) Chloroform-d	7.648	84	279286	20.383	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.520%
26) 1,2-Dichloroethane-d4	8.301	65	143802	18.279	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.120%
32) Benzene-d6	8.270	84	523525	21.520	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.080%
36) 1,2-Dichloropropane-d6	9.270	67	170484	22.046	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.200%
41) Toluene-d8	10.319	98	462983	21.511	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.040%
43) trans-1,3-Dichloroprop...	10.575	79	60805	19.512	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.040%
47) 2-Hexanone-d5	10.922	63	41311	34.078	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	118385	19.235	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	141526	22.661	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	74139	16.544	ug/L	95
3) Chloromethane	2.223	50	106366	16.646	ug/L	98
5) Vinyl chloride	2.369	62	126261	17.207	ug/L	99
6) Bromomethane	2.783	94	68393	15.507	ug/L	92
8) Chloroethane	2.936	64	81183	18.088	ug/L	99
9) Trichlorofluoromethane	3.271	101	125181	22.004	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	119991	19.130	ug/L	93
12) 1,1-Dichloroethene	4.045	96	111278	20.908	ug/L	81
13) Acetone	4.119	43	37974	23.492	ug/L	98
14) Carbon disulfide	4.387	76	290920	16.744	ug/L	99
15) Methyl Acetate	4.667	43	46167	14.387	ug/L	100
16) Methylene chloride	4.917	84	137990	17.085	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	121523	20.560	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	199309	21.077	ug/L	98
19) 1,1-Dichloroethane	6.216	63	267945	20.990	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	139361	21.382	ug/L	98
22) 2-Butanone	7.167	43	68806	31.052	ug/L	97
23) Bromochloromethane	7.514	128	57209	19.717	ug/L	94
25) Chloroform	7.673	83	264041	21.182	ug/L	96

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 Response via : Initial Calibration

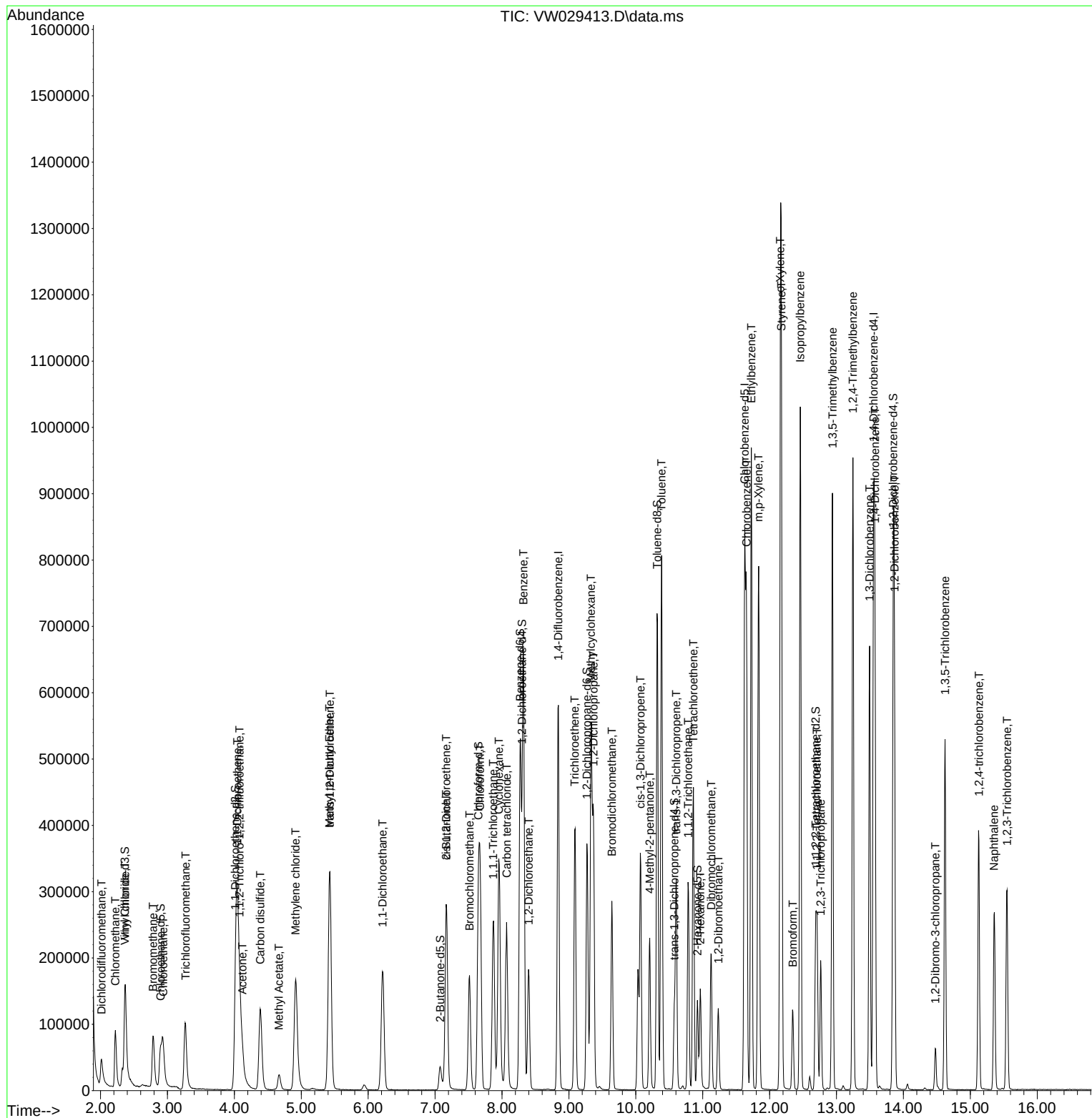
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	168060	18.280	ug/L	100
29) Cyclohexane	7.953	56	206608	22.565	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	206423	23.178	ug/L	96
31) Carbon tetrachloride	8.069	117	182183	22.393	ug/L	97
33) Benzene	8.319	78	542814	22.557	ug/L	100
34) Trichloroethene	9.087	95	140603	21.900	ug/L	95
35) Methylcyclohexane	9.331	83	211161	20.913	ug/L	97
37) 1,2-Dichloropropane	9.368	63	152850	22.604	ug/L	98
38) Bromodichloromethane	9.642	83	181528	21.956	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	206578	21.612	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	154117	36.772	ug/L	98
42) Toluene	10.386	91	565655	22.865	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	167625	20.769	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	93834	19.924	ug/L	97
46) Tetrachloroethene	10.861	164	95347	21.245	ug/L	89
48) 2-Hexanone	10.965	43	99365	33.412	ug/L	98
49) Dibromochloromethane	11.129	129	103337	20.991	ug/L	97
50) 1,2-Dibromoethane	11.233	107	82557	19.528	ug/L	96
51) Chlorobenzene	11.654	112	347242	21.615	ug/L	96
52) Ethylbenzene	11.727	91	642035	22.863	ug/L	99
53) m,p-Xylene	11.837	106	239211	23.321	ug/L	97
54) o-Xylene	12.160	106	224355	23.403	ug/L	92
55) Styrene	12.178	104	376186	22.506	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	108316	18.593	ug/L	95
59) Bromoform	12.349	173	51849	21.026	ug/L	95
60) Isopropylbenzene	12.458	105	636164	26.535	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	79141	20.166	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	454308	26.166	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	497910	26.653	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	247706	23.875	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	254846	23.087	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	222483	23.196	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	16523	18.042	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	148504	21.209	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	110845	19.528	ug/L	99
71) Naphthalene	15.354	128	219608	19.603	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	95127	18.393	ug/L	97

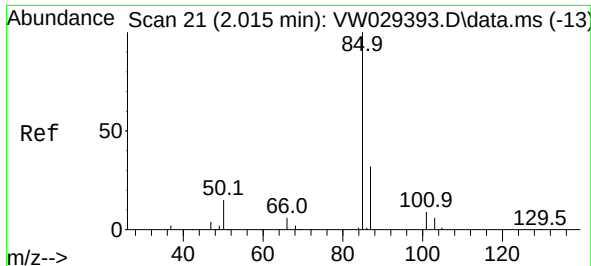
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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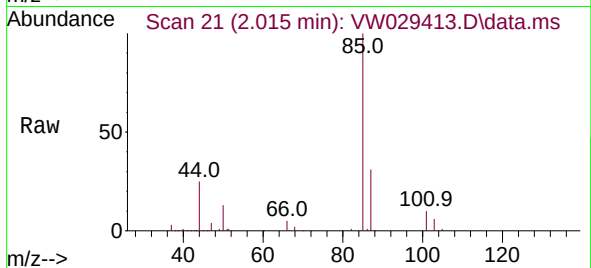
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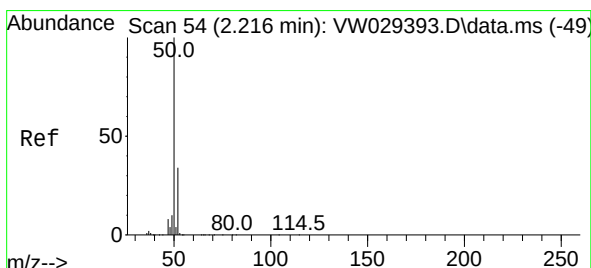
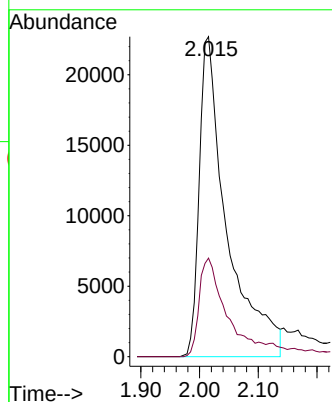
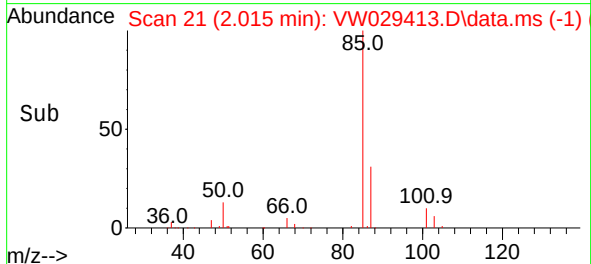


#2
 Dichlorodifluoromethane
 Concen: 16.544 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029413.D
 Acq: 28 Jun 2024 21:10

Instrument :
 MSVOA_W
 ClientSampleId :

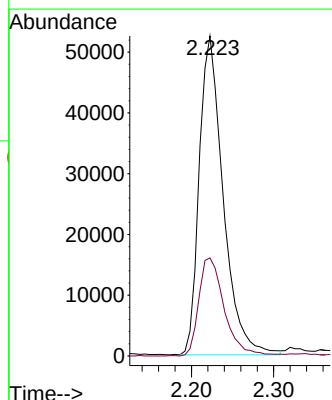
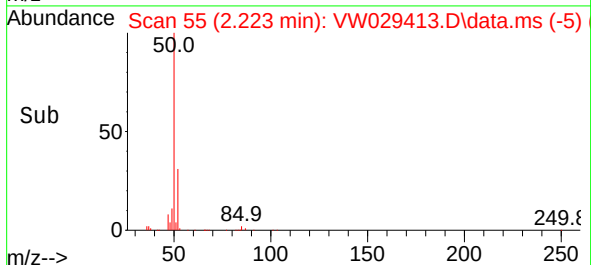
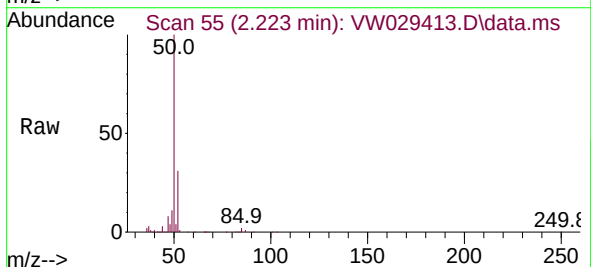


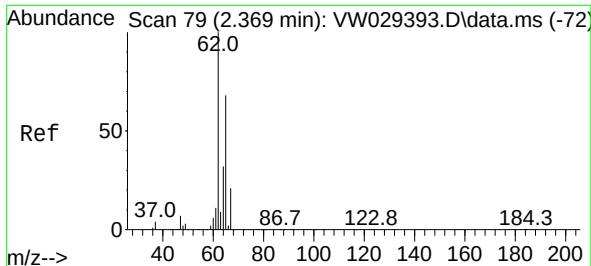
Tgt Ion: 85 Resp: 74139
 Ion Ratio Lower Upper
 85 100
 87 26.8 23.8 35.6



#3
 Chloromethane
 Concen: 16.646 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.006 min
 Lab File: VW029413.D
 Acq: 28 Jun 2024 21:10

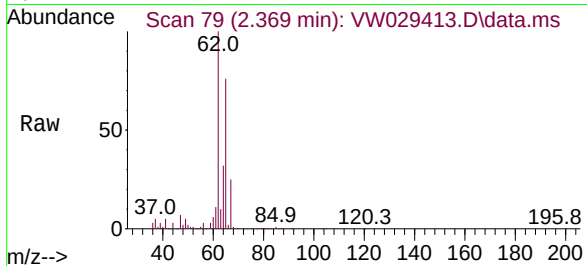
Tgt Ion: 50 Resp: 106366
 Ion Ratio Lower Upper
 50 100
 52 30.7 22.3 41.5



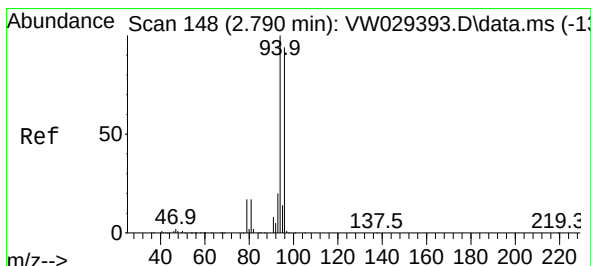
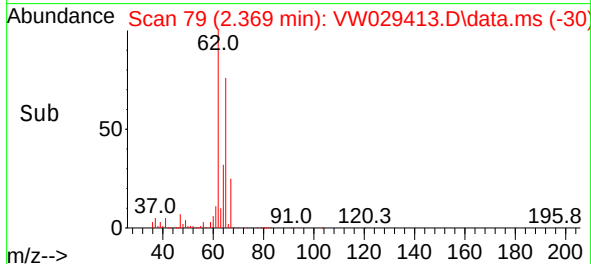
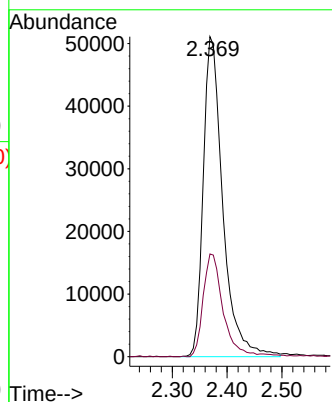


#5
 Vinyl chloride
 Concen: 17.207 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW029413.D
 Acq: 28 Jun 2024 21:10

Instrument :
 MSVOA_W
 ClientSampleId :

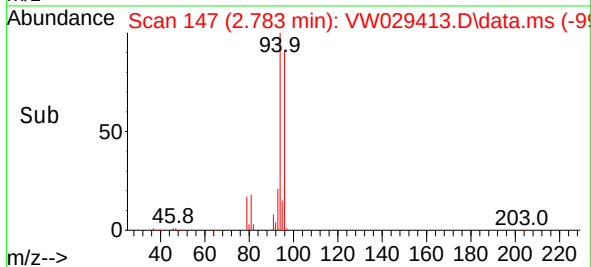
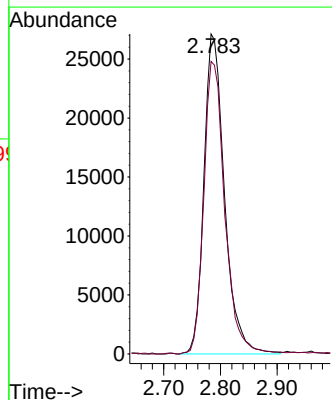
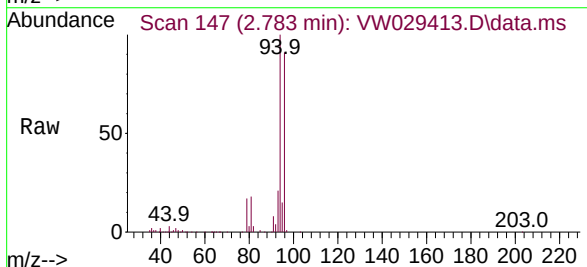


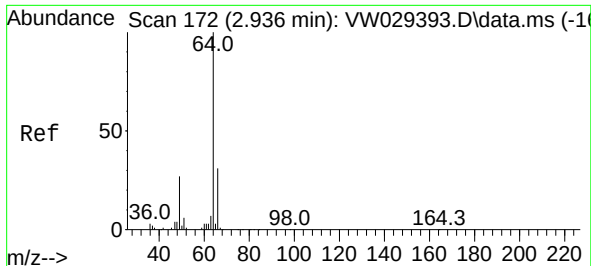
Tgt Ion: 62 Resp: 126261
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.0 40.8



#6
 Bromomethane
 Concen: 15.507 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW029413.D
 Acq: 28 Jun 2024 21:10

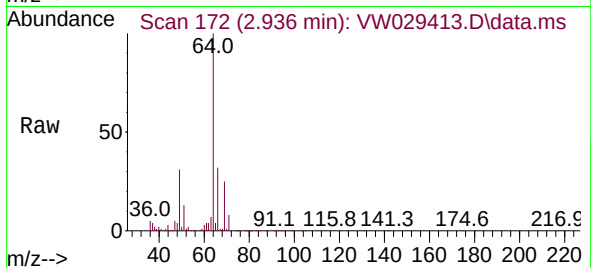
Tgt Ion: 94 Resp: 68393
 Ion Ratio Lower Upper
 94 100
 96 91.4 69.5 129.1



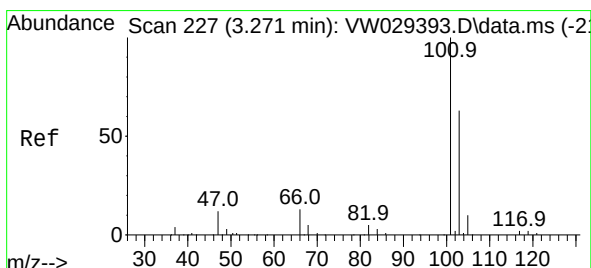
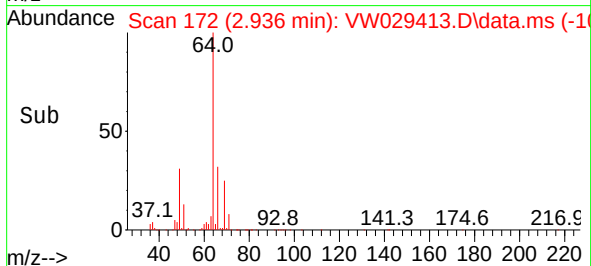
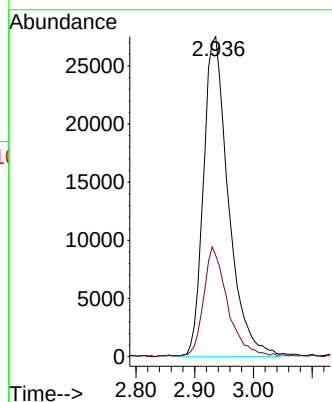


#8
Chloroethane
Concen: 18.088 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW029413.D
Acq: 28 Jun 2024 21:10

Instrument :
MSVOA_W
ClientSampleId :

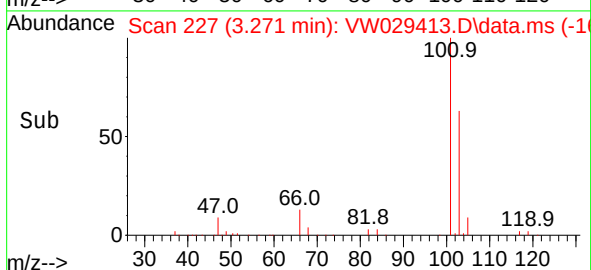
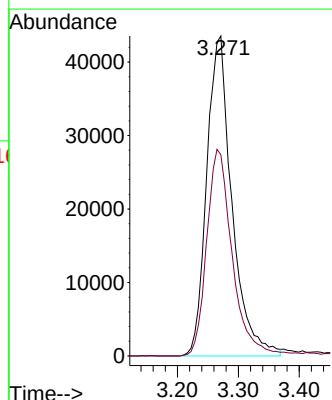
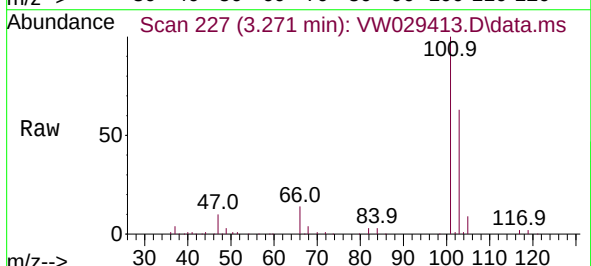


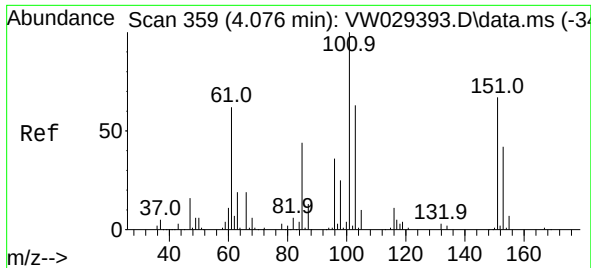
Tgt Ion: 64 Resp: 81183
Ion Ratio Lower Upper
64 100
66 31.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 22.004 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW029413.D
Acq: 28 Jun 2024 21:10

Tgt Ion:101 Resp: 125181
Ion Ratio Lower Upper
101 100
103 65.5 50.8 76.2





#10

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

Concen: 19.130 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA_W

ClientSampleId :

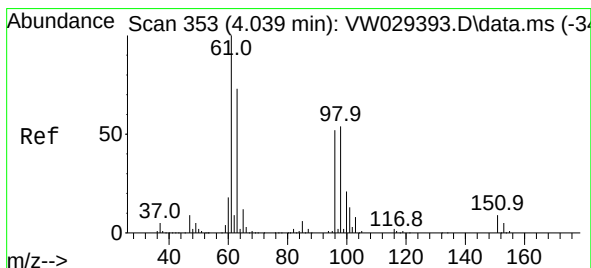
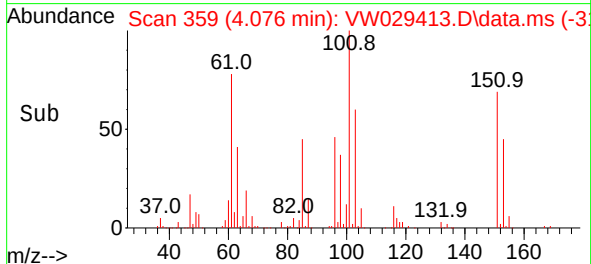
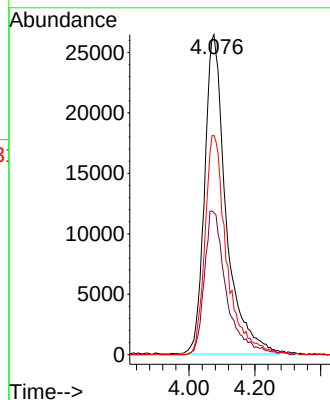
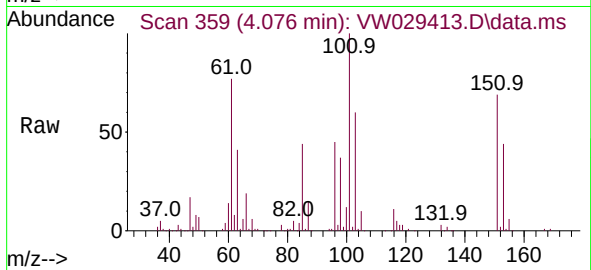
Tgt Ion:101 Resp: 119991

Ion Ratio Lower Upper

101 100

85 44.8 30.2 45.2

151 69.1 52.2 78.4



#12

1,1-Dichloroethene

Concen: 20.908 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW029413.D

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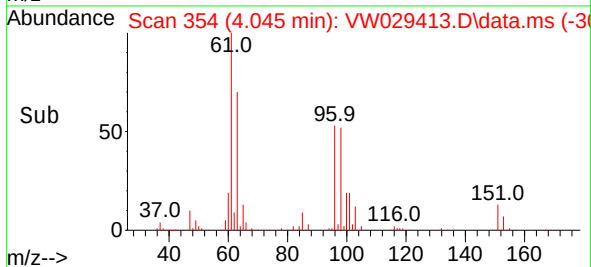
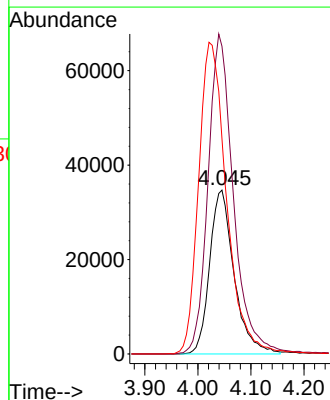
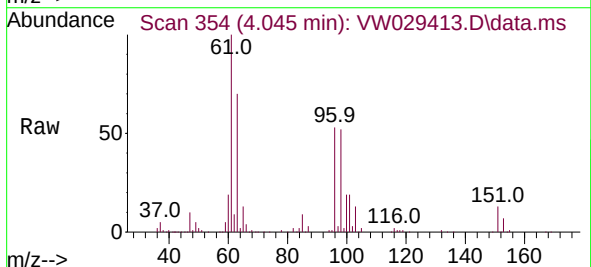
Tgt Ion: 96 Resp: 111278

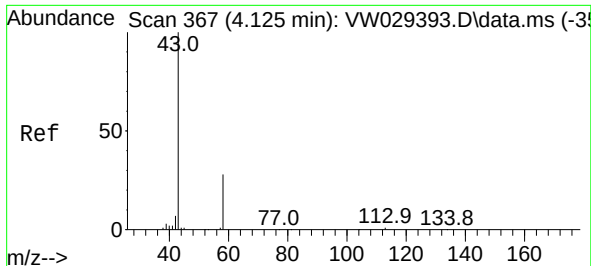
Ion Ratio Lower Upper

96 100

61 187.8 140.1 260.3

63 131.4 122.0 226.6

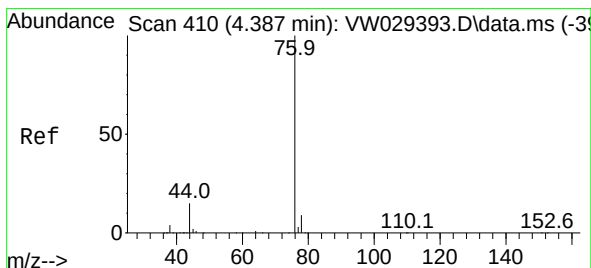
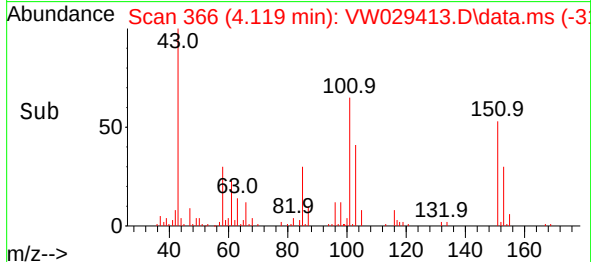
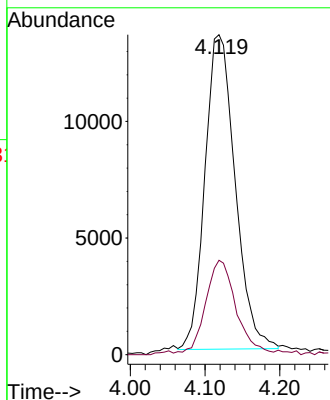
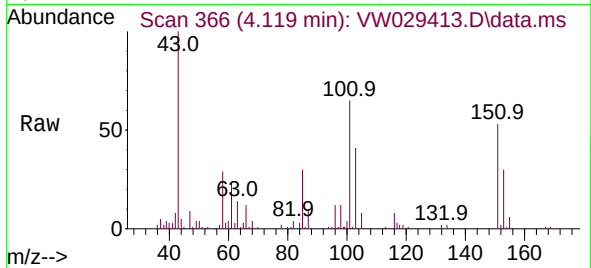




#13
Acetone
Concen: 23.492 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW029413.D
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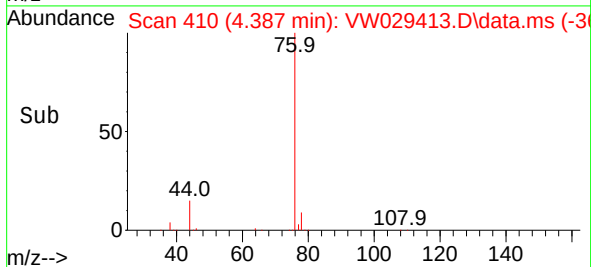
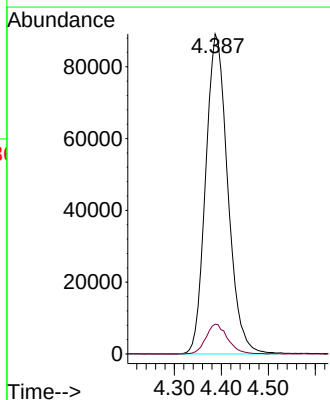
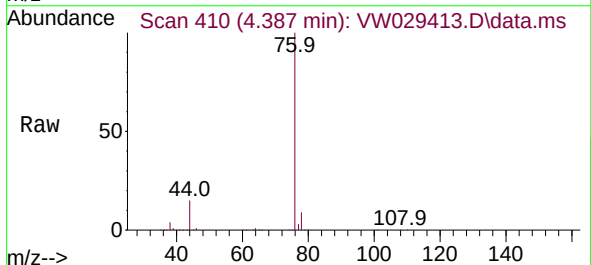
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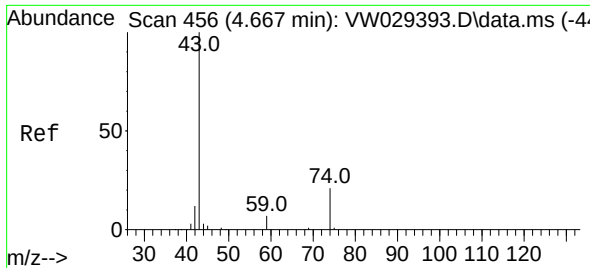
Tgt Ion: 43 Resp: 37974
Ion Ratio Lower Upper
43 100
58 29.8 0.0 61.4



#14
Carbon disulfide
Concen: 16.744 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 290920
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

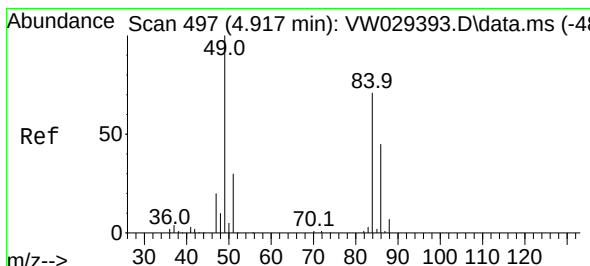
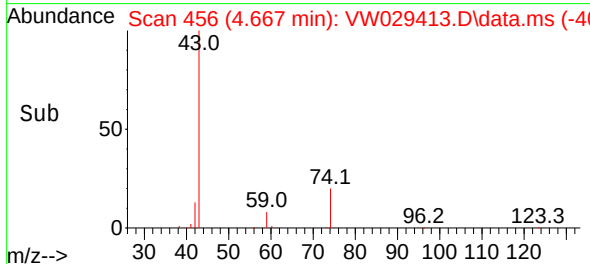
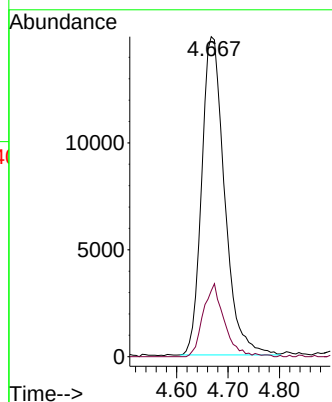
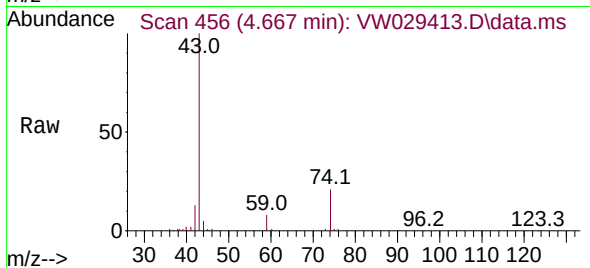




#15
Methyl Acetate
Concen: 14.387 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW029413.D
Acq: 28 Jun 2024 21:10

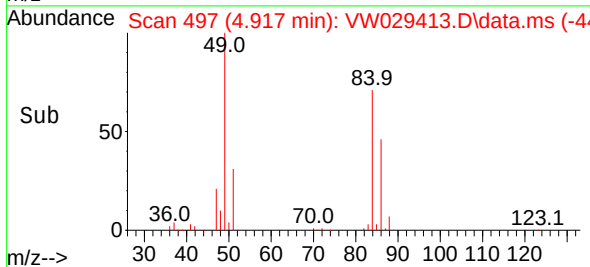
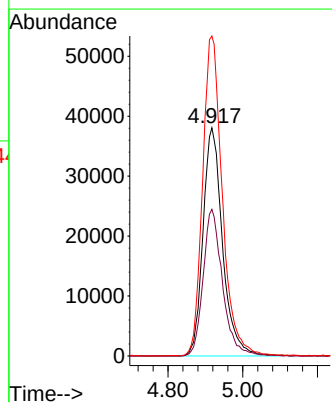
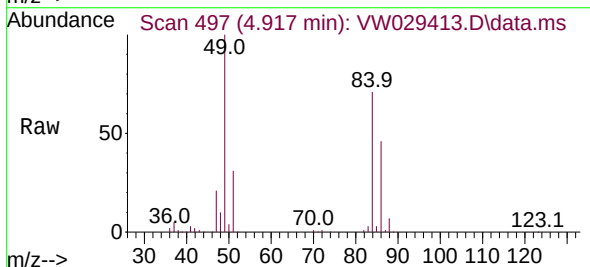
Instrument :
MSVOA_W
ClientSampleId :

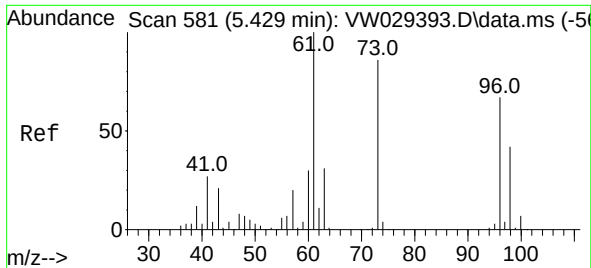
Tgt Ion: 43 Resp: 46167
Ion Ratio Lower Upper
43 100
74 20.8 16.6 25.0



#16
Methylene chloride
Concen: 17.085 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029413.D
Acq: 28 Jun 2024 21:10

Tgt Ion: 84 Resp: 137990
Ion Ratio Lower Upper
84 100
86 64.2 41.4 77.0
49 140.2 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 20.560 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA_W

ClientSampleId :

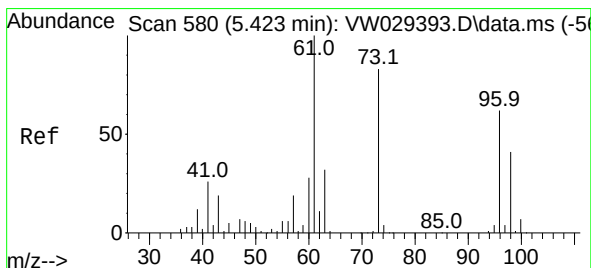
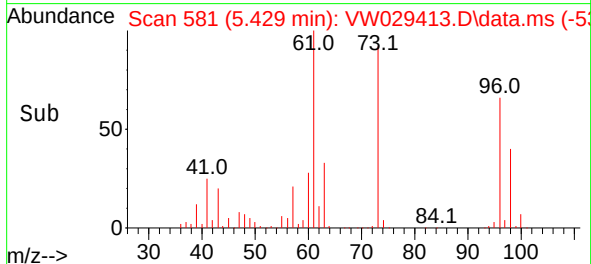
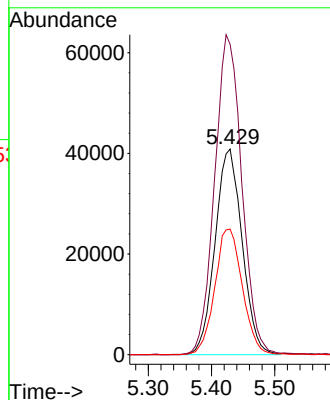
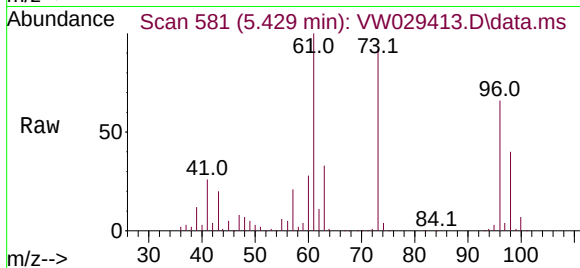
Tgt Ion: 96 Resp: 121523

Ion Ratio Lower Upper

96 100

61 150.8 101.5 188.5

98 61.0 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 21.077 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

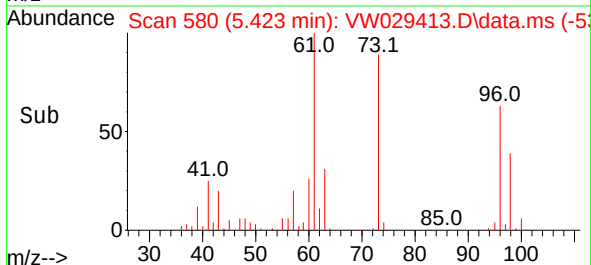
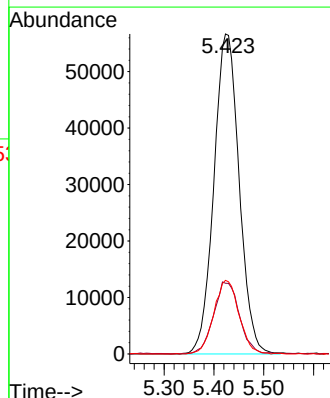
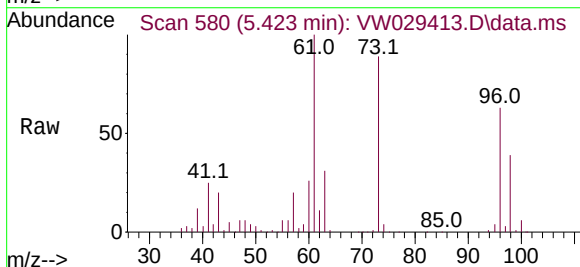
Tgt Ion: 73 Resp: 199309

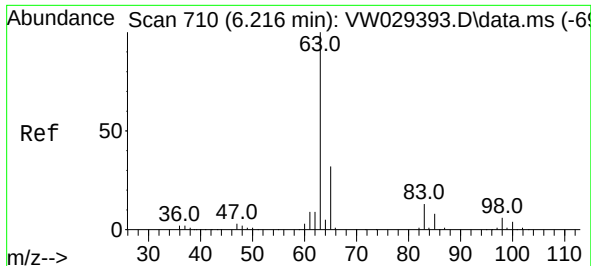
Ion Ratio Lower Upper

73 100

43 22.8 19.5 29.3

57 22.9 18.4 27.6





#19

1,1-Dichloroethane

Concen: 20.990 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA_W

ClientSampleId :

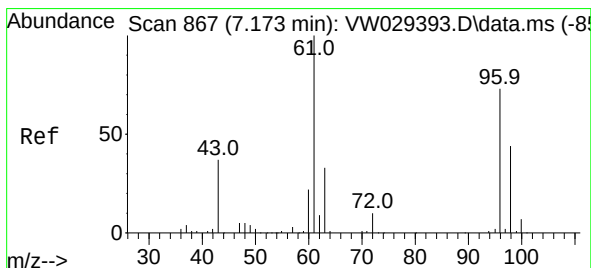
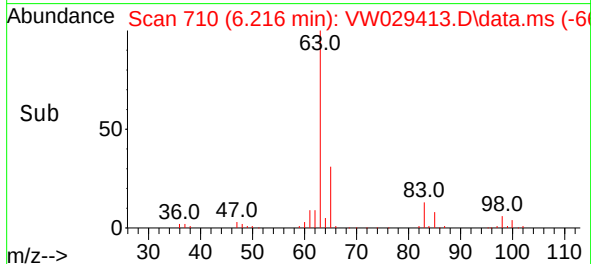
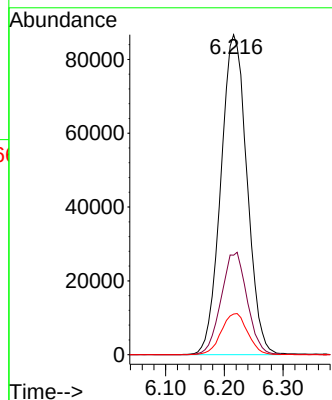
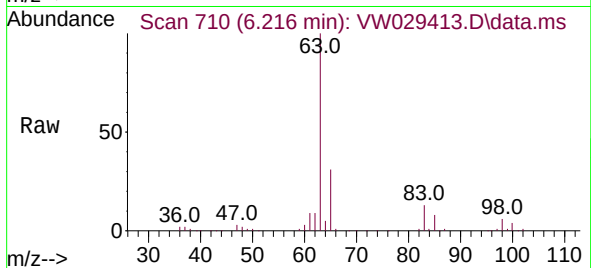
Tgt Ion: 63 Resp: 267945

Ion Ratio Lower Upper

63 100

65 31.1 23.4 43.4

83 12.7 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 21.382 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

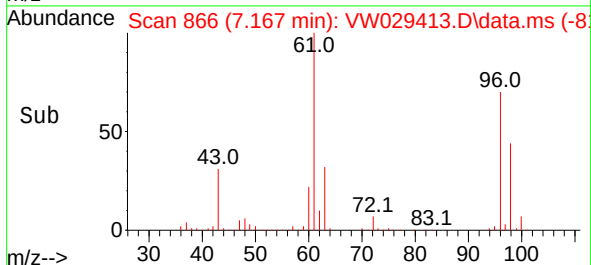
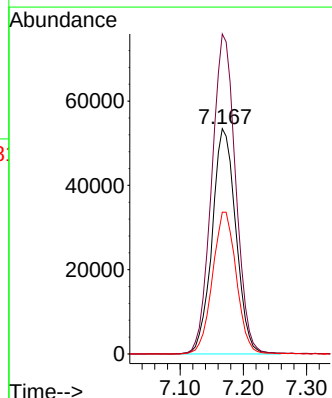
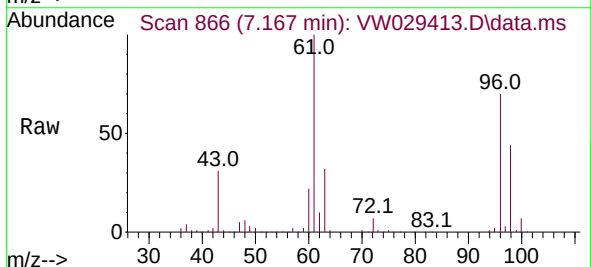
Tgt Ion: 96 Resp: 139361

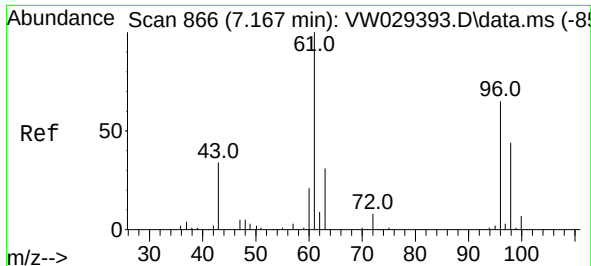
Ion Ratio Lower Upper

96 100

61 142.0 97.8 181.6

98 63.0 43.0 79.8





#22

2-Butanone

Concen: 31.052 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA_W

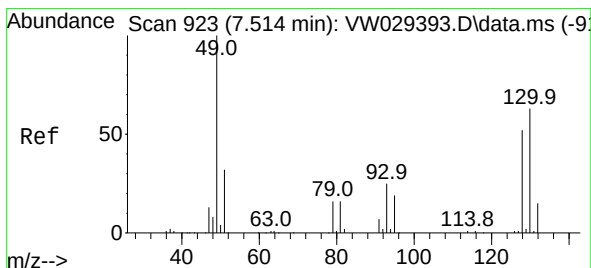
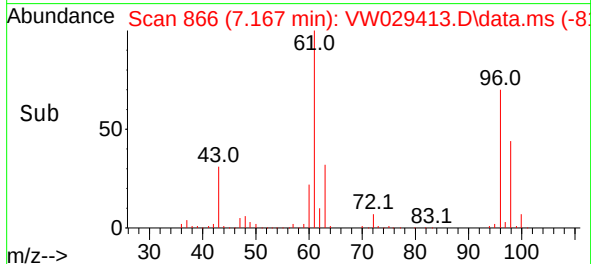
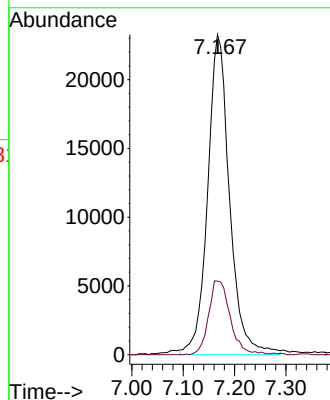
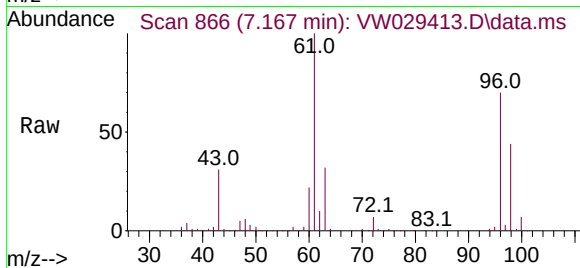
ClientSampleId :

Tgt Ion: 43 Resp: 68806

Ion Ratio Lower Upper

43 100

72 22.4 11.9 35.7



#23

Bromochloromethane

Concen: 19.717 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Tgt Ion: 128 Resp: 57209

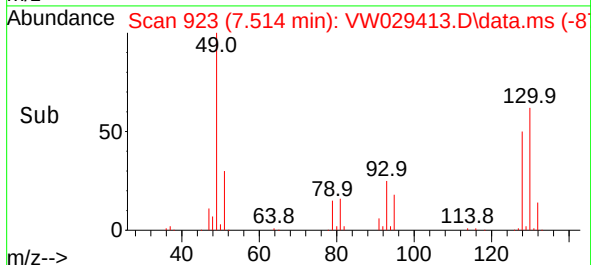
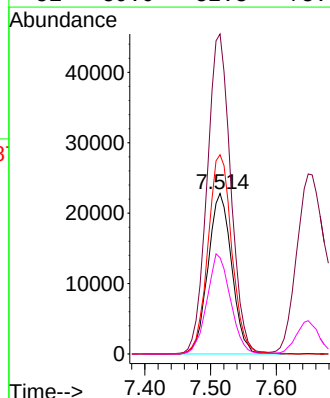
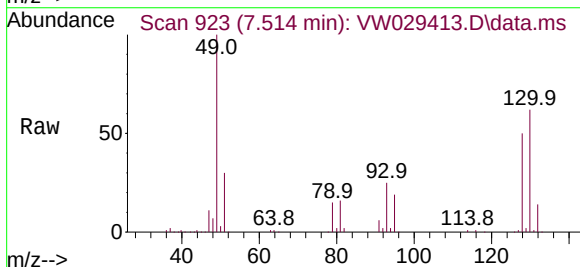
Ion Ratio Lower Upper

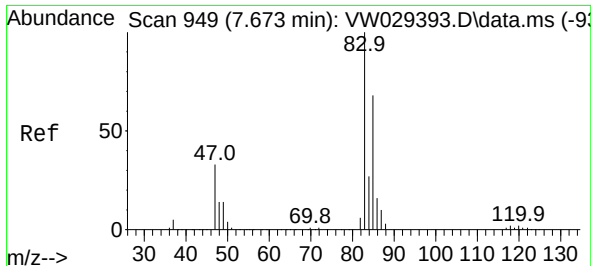
128 100

49 199.3 142.6 264.8

130 124.1 79.7 148.1

51 59.9 52.3 78.5





#25

Chloroform

Concen: 21.182 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA_W

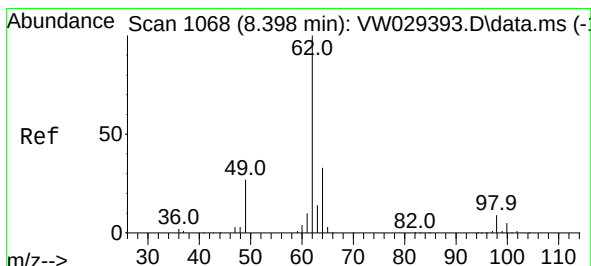
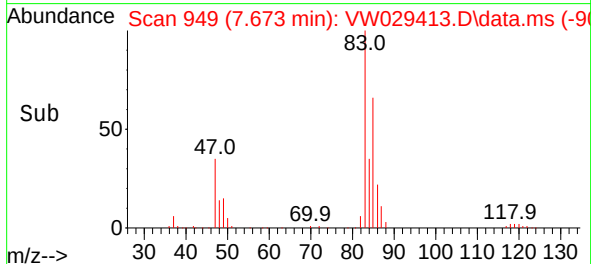
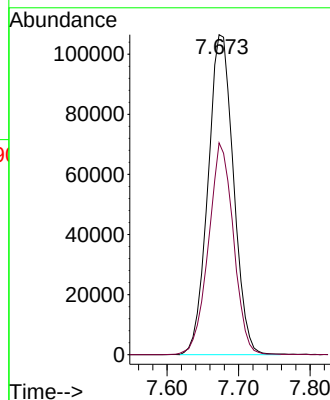
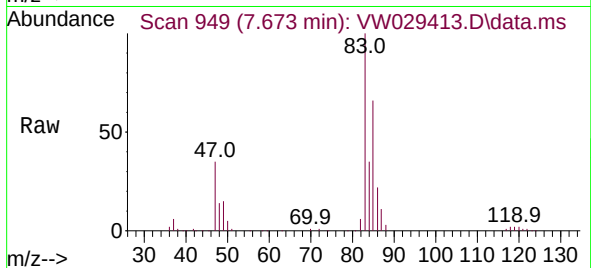
ClientSampleId :

Tgt Ion: 83 Resp: 264041

Ion Ratio Lower Upper

83 100

85 66.2 44.4 82.4



#27

1,2-Dichloroethane

Concen: 18.280 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029413.D

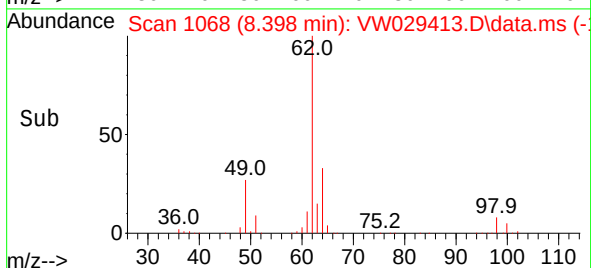
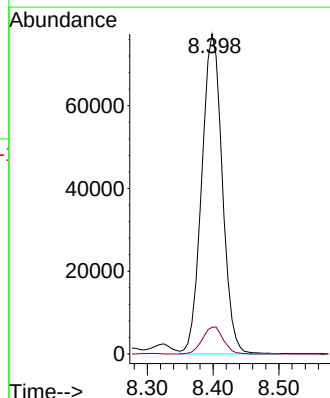
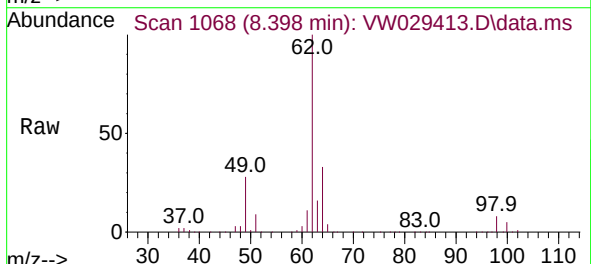
Acq: 28 Jun 2024 21:10

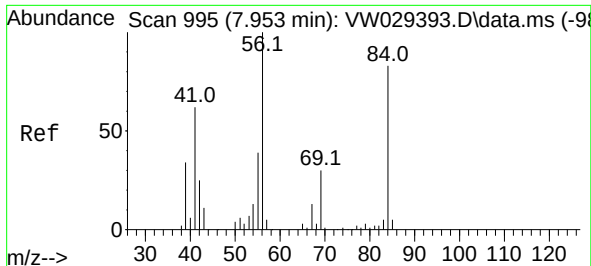
Tgt Ion: 62 Resp: 168060

Ion Ratio Lower Upper

62 100

98 8.4 6.6 10.0





#29

Cyclohexane

Concen: 22.565 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA_W

ClientSampleId :

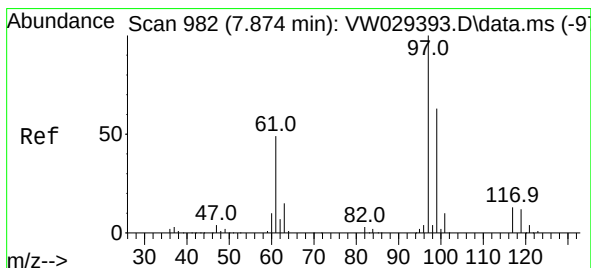
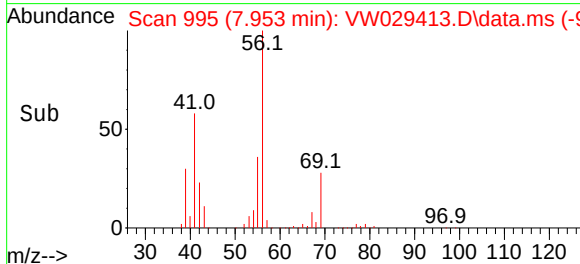
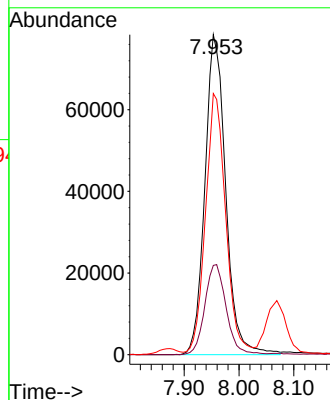
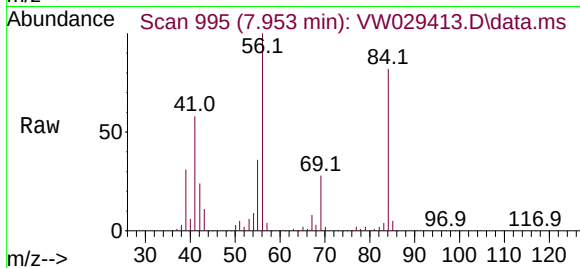
Tgt Ion: 56 Resp: 206608

Ion Ratio Lower Upper

56 100

69 28.8 23.4 35.0

84 79.3 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 23.178 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

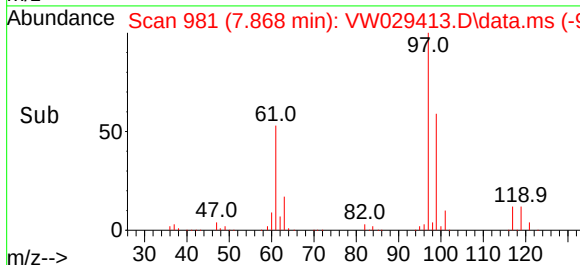
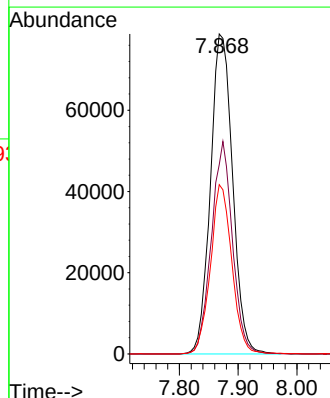
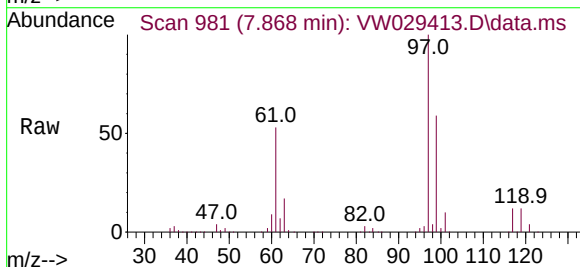
Tgt Ion: 97 Resp: 206423

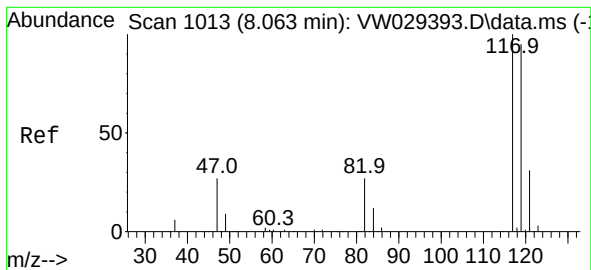
Ion Ratio Lower Upper

97 100

99 63.3 53.0 79.4

61 51.1 43.0 64.4

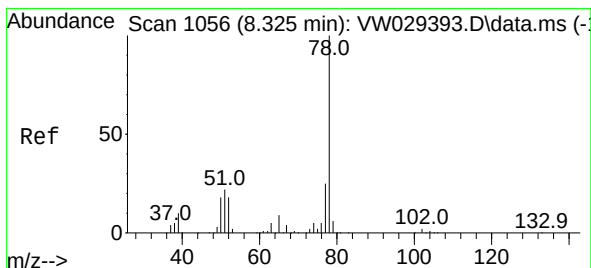
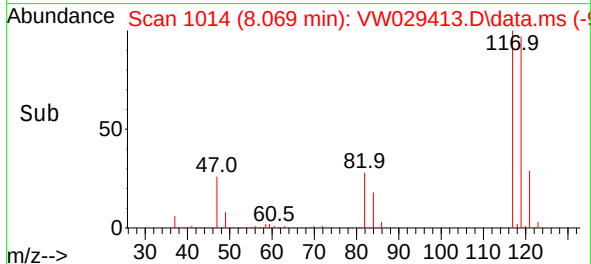
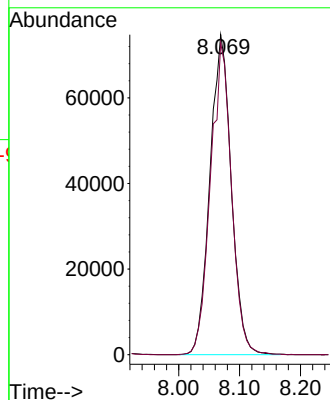
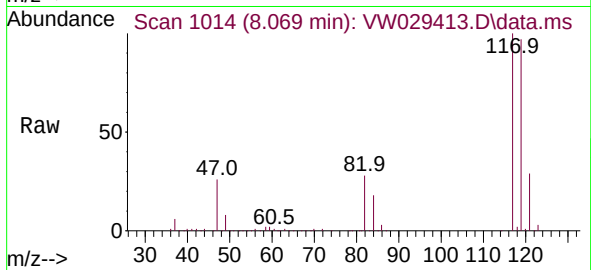




#31
Carbon tetrachloride
Concen: 22.393 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW029413.D
Acq: 28 Jun 2024 21:10

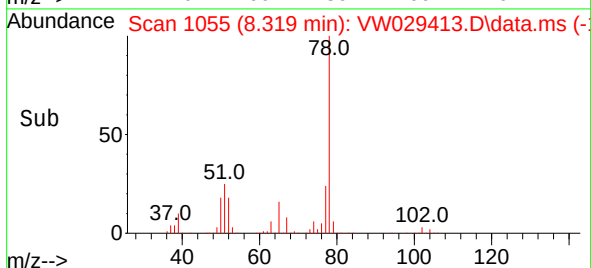
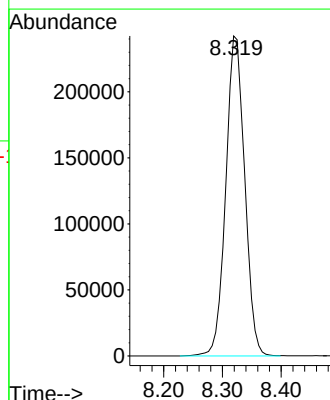
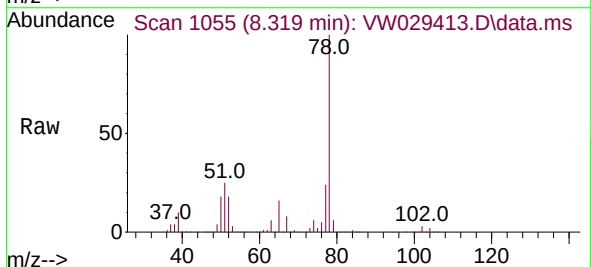
Instrument :
MSVOA_W
ClientSampleId :

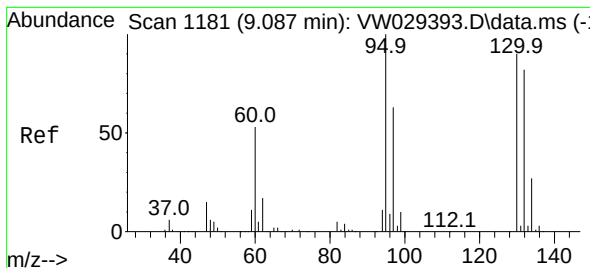
Tgt Ion:117 Resp: 182183
Ion Ratio Lower Upper
117 100
119 95.3 79.0 118.4



#33
Benzene
Concen: 22.557 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW029413.D
Acq: 28 Jun 2024 21:10

Tgt Ion: 78 Resp: 542814





#34

Trichloroethene

Concen: 21.900 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

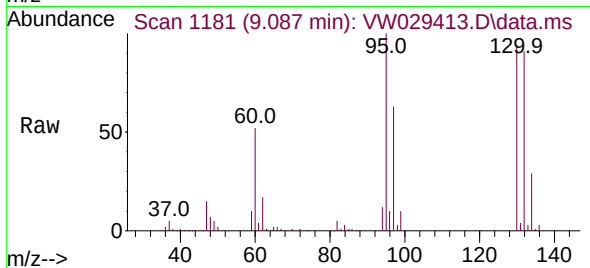
Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 140603

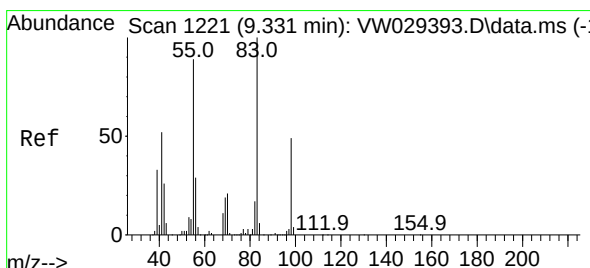
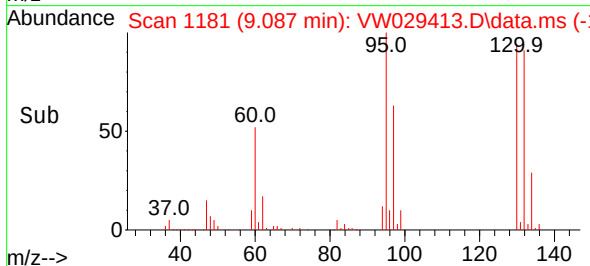
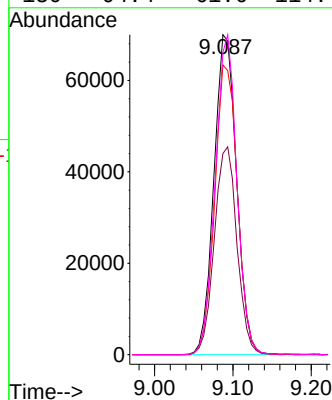
Ion Ratio Lower Upper

95 100

97 62.8 45.7 84.9

132 90.6 66.4 123.4

130 94.4 61.6 114.4



#35

Methylcyclohexane

Concen: 20.913 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

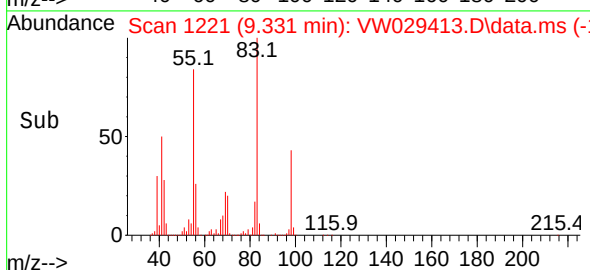
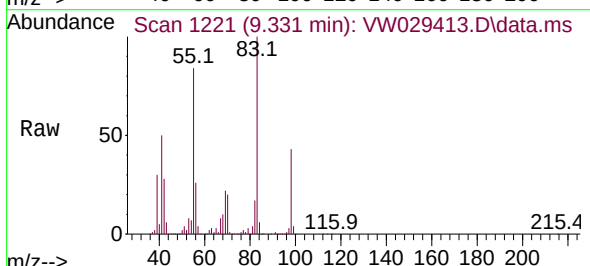
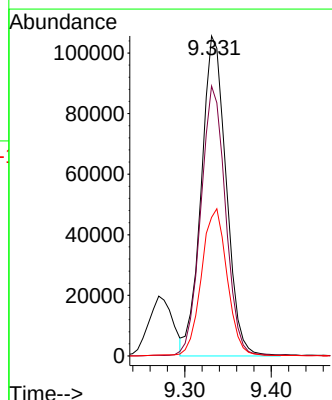
Tgt Ion: 83 Resp: 211161

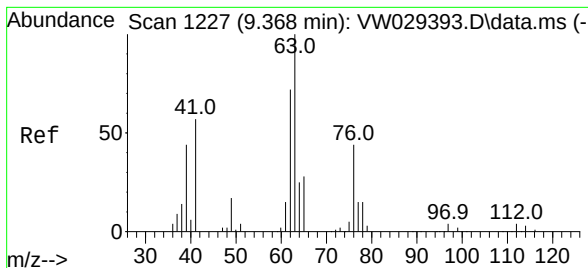
Ion Ratio Lower Upper

83 100

55 83.2 69.5 104.3

98 47.4 38.0 57.0





#37

1,2-Dichloropropane

Concen: 22.604 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA_W

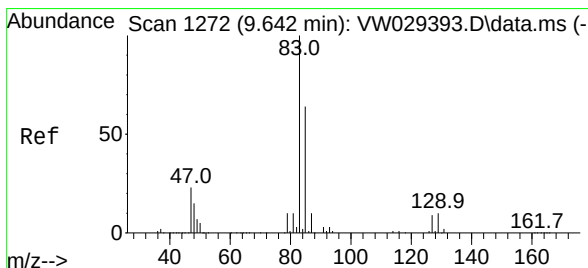
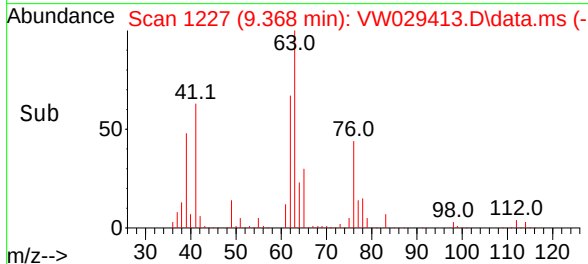
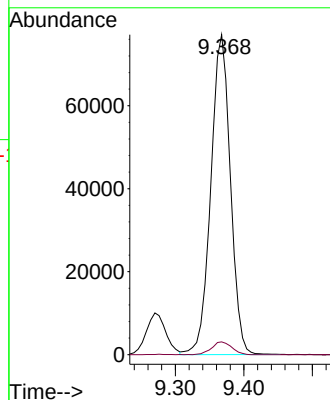
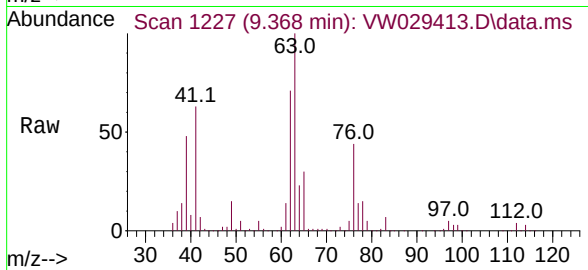
ClientSampleId :

Tgt Ion: 63 Resp: 152850

Ion Ratio Lower Upper

63 100

112 4.1 3.8 5.6



#38

Bromodichloromethane

Concen: 21.956 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

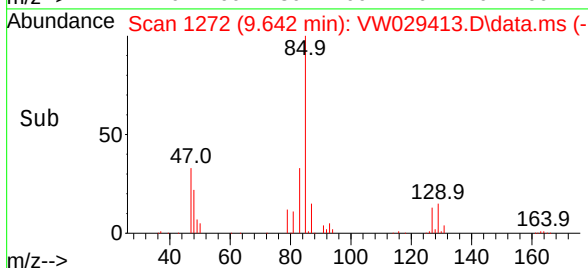
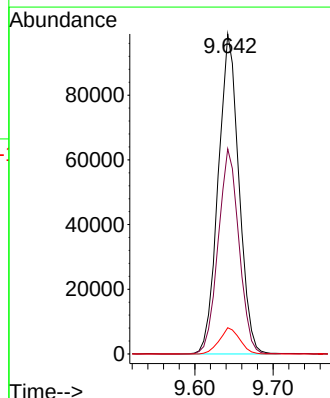
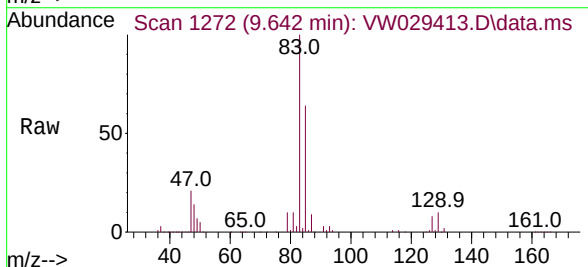
Tgt Ion: 83 Resp: 181528

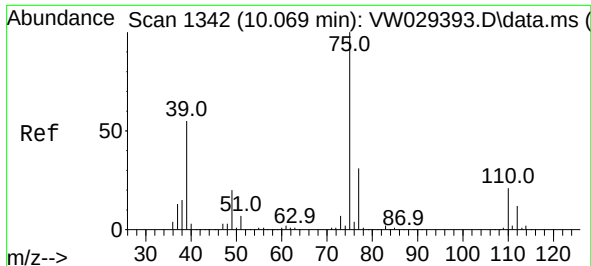
Ion Ratio Lower Upper

83 100

85 64.1 45.1 83.9

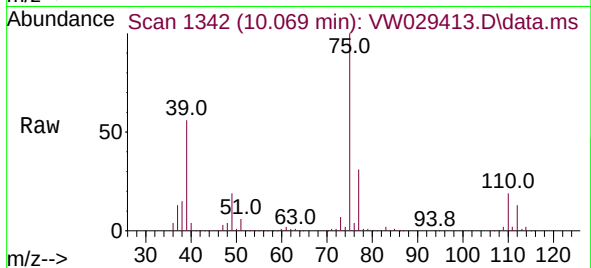
127 8.2 5.8 8.6



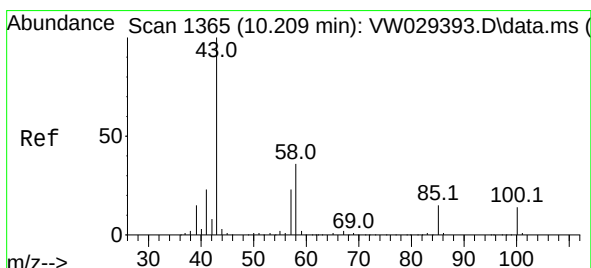
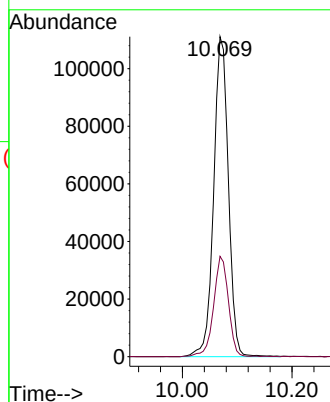
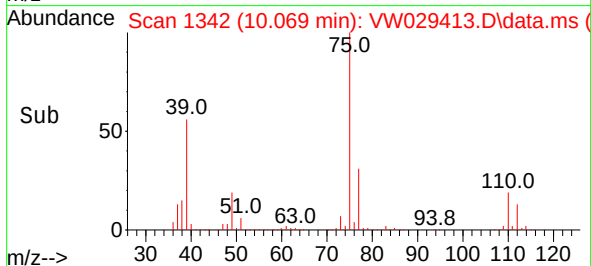


#39
cis-1,3-Dichloropropene
Concen: 21.612 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW029413.D
Acq: 28 Jun 2024 21:10

Instrument :
MSVOA_W
ClientSampleId :

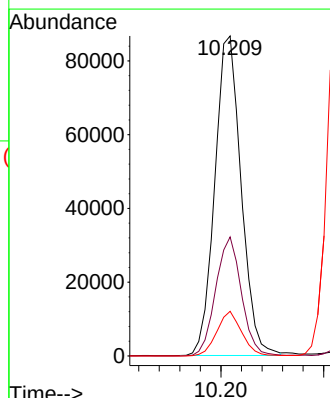
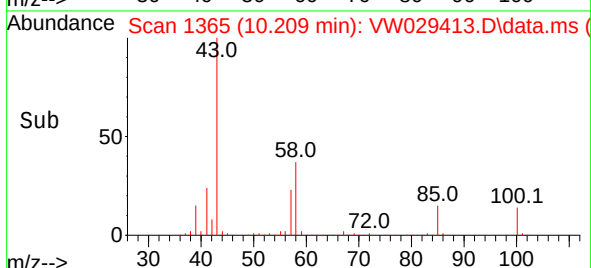
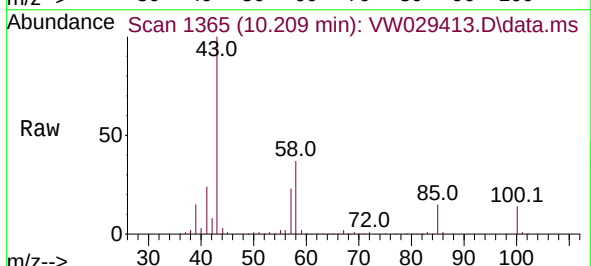


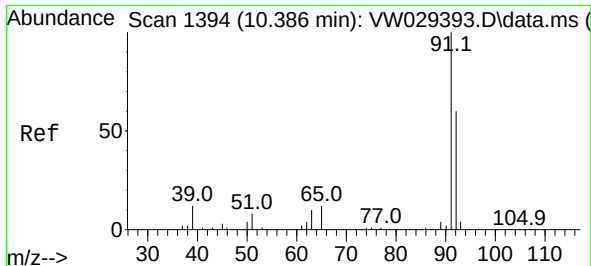
Tgt Ion: 75 Resp: 206578
Ion Ratio Lower Upper
75 100
77 31.4 22.7 42.1



#40
4-Methyl-2-pentanone
Concen: 36.772 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW029413.D
Acq: 28 Jun 2024 21:10

Tgt Ion: 43 Resp: 154117
Ion Ratio Lower Upper
43 100
58 36.4 28.2 42.4
100 13.2 11.0 16.4





#42

Toluene

Concen: 22.865 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA_W

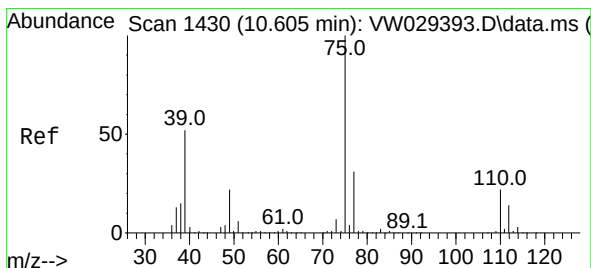
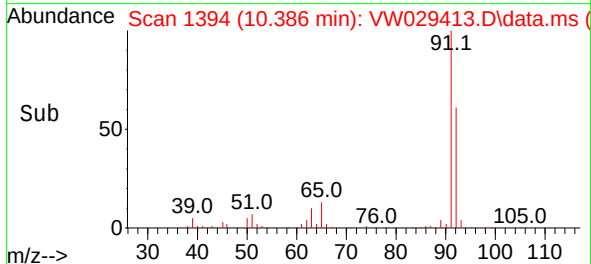
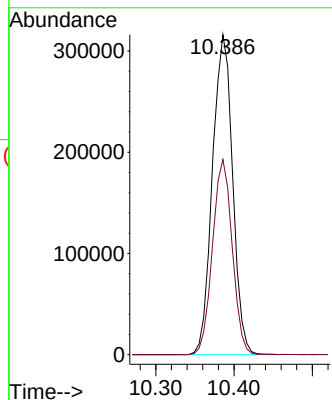
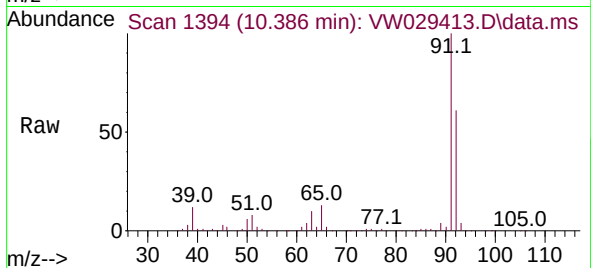
ClientSampleId :

Tgt Ion: 91 Resp: 565655

Ion Ratio Lower Upper

91 100

92 61.0 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 20.769 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029413.D

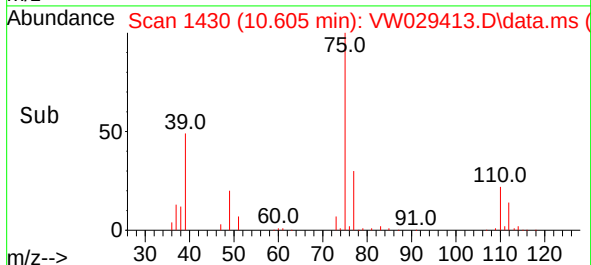
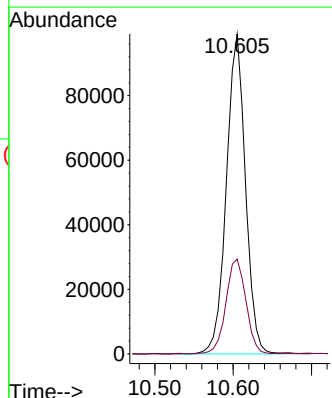
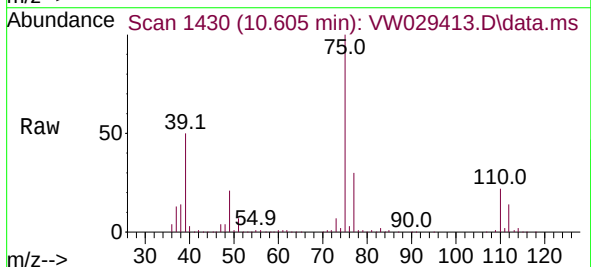
Acq: 28 Jun 2024 21:10

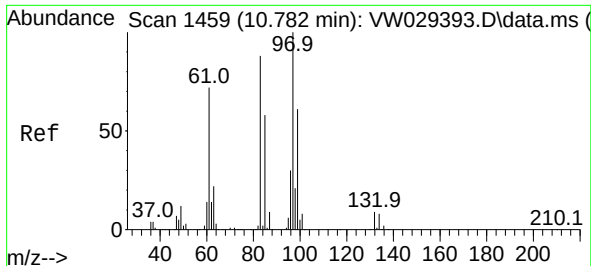
Tgt Ion: 75 Resp: 167625

Ion Ratio Lower Upper

75 100

77 29.7 22.7 42.1



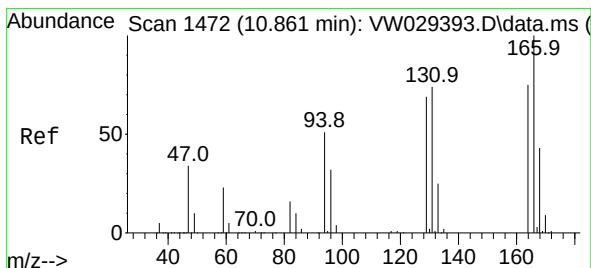
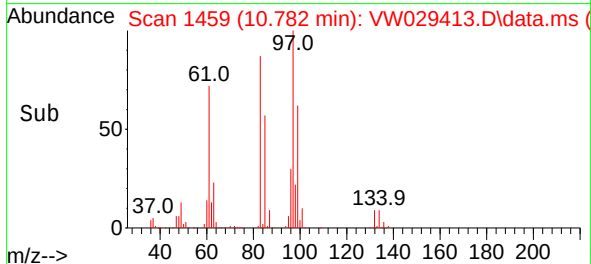
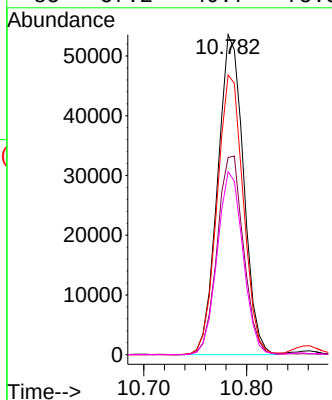
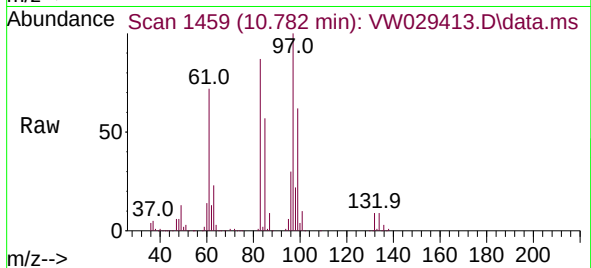


#45
1,1,2-Trichloroethane
Concen: 19.924 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW029413.D
Acq: 28 Jun 2024 21:10

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 93834

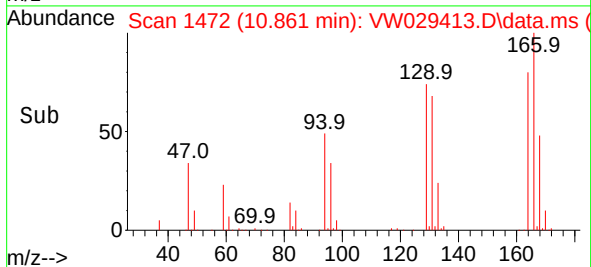
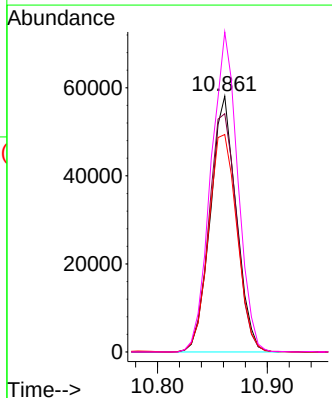
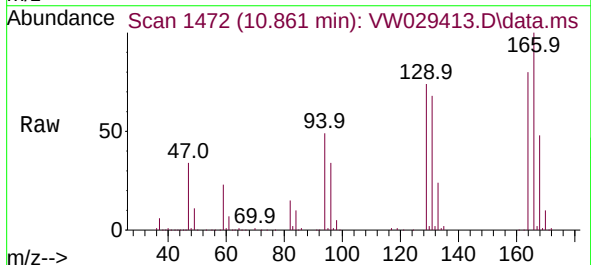
Ion	Ratio	Lower	Upper
97	100		
99	61.6	42.3	78.5
83	87.4	57.7	107.1
85	57.2	40.7	75.5

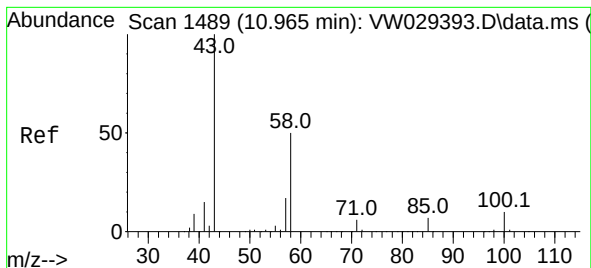


#46
Tetrachloroethene
Concen: 21.245 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW029413.D
Acq: 28 Jun 2024 21:10

Tgt Ion:164 Resp: 95347

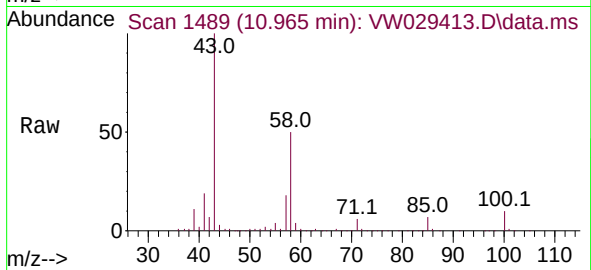
Ion	Ratio	Lower	Upper
164	100		
129	93.1	68.5	127.3
131	85.0	71.8	133.4
166	125.1	97.2	180.4



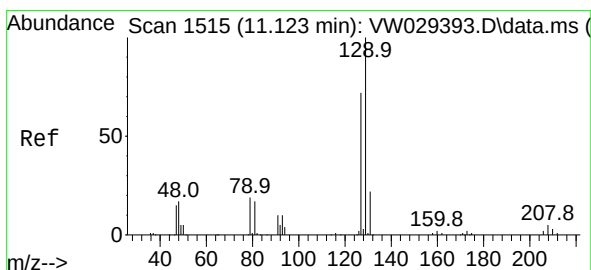
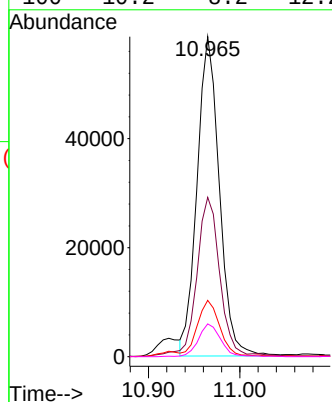
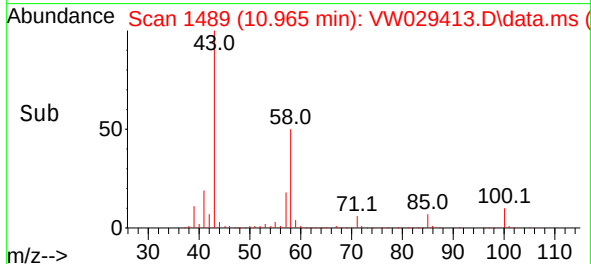


#48
2-Hexanone
Concen: 33.412 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029413.D
Acq: 28 Jun 2024 21:10

Instrument :
MSVOA_W
ClientSampleId :

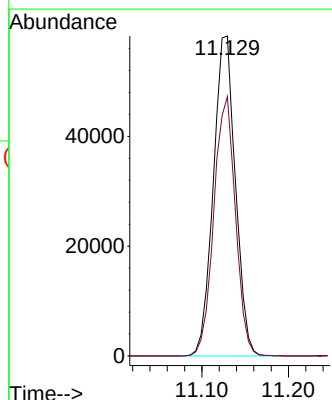
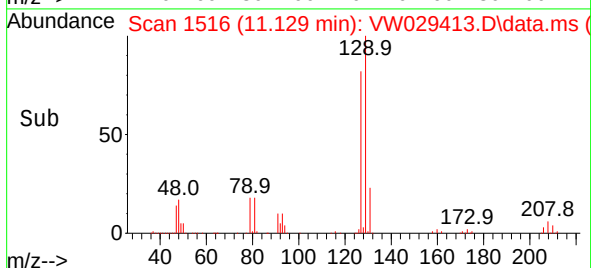
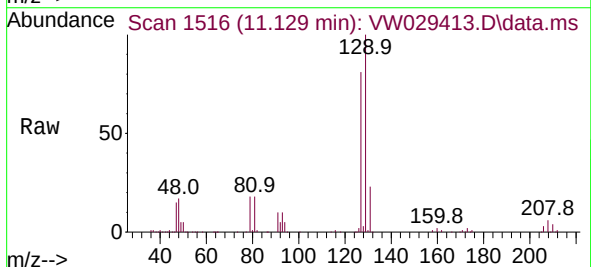


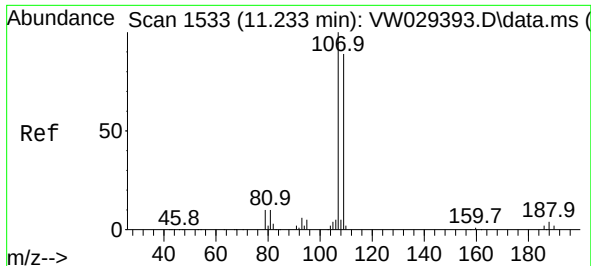
Tgt Ion: 43 Resp: 99365
Ion Ratio Lower Upper
43 100
58 51.2 39.6 59.4
57 17.8 14.6 21.8
100 10.2 8.2 12.2



#49
Dibromochloromethane
Concen: 20.991 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029413.D
Acq: 28 Jun 2024 21:10

Tgt Ion:129 Resp: 103337
Ion Ratio Lower Upper
129 100
127 81.0 54.8 101.8





#50

1,2-Dibromoethane

Concen: 19.528 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA_W

ClientSampleId :

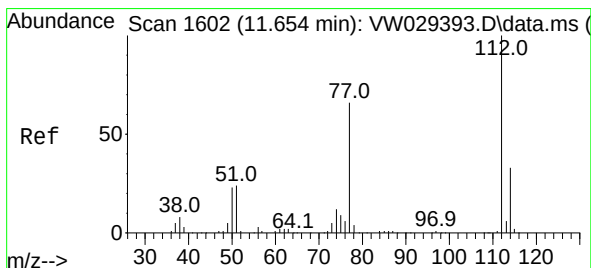
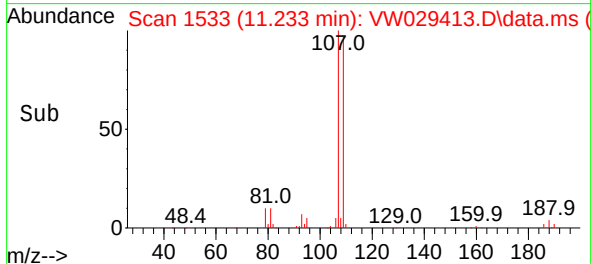
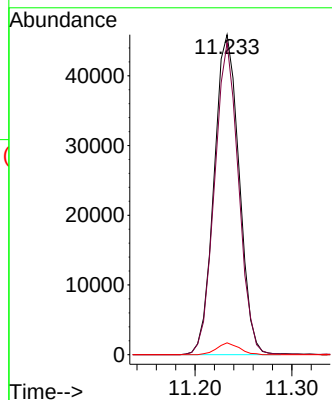
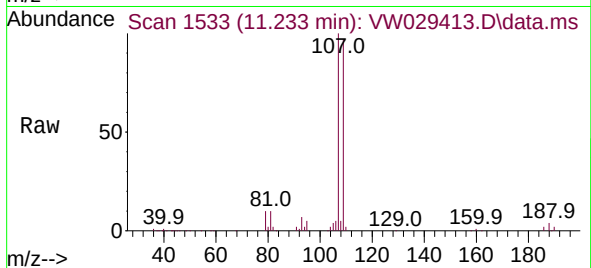
Tgt Ion:107 Resp: 82557

Ion Ratio Lower Upper

107 100

109 97.5 65.5 121.6

188 3.7 2.6 4.0



#51

Chlorobenzene

Concen: 21.615 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

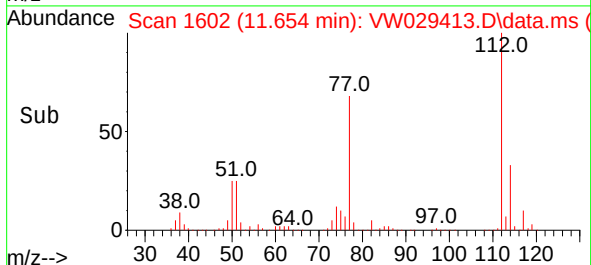
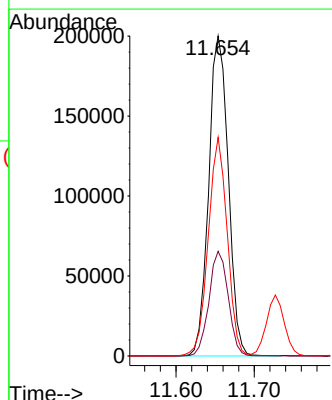
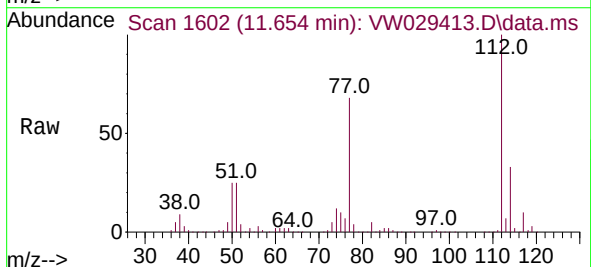
Tgt Ion:112 Resp: 347242

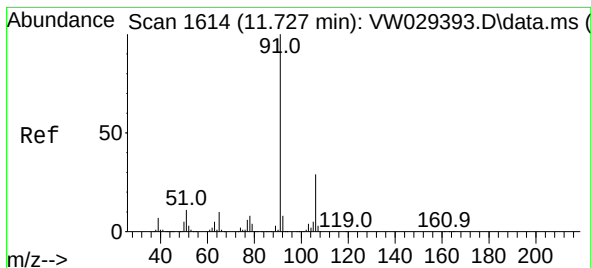
Ion Ratio Lower Upper

112 100

114 32.7 22.6 42.0

77 68.3 51.0 76.6





#52

Ethylbenzene

Concen: 22.863 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA_W

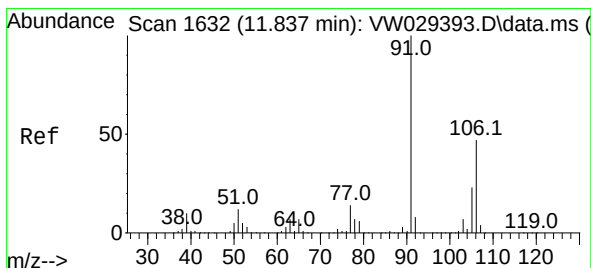
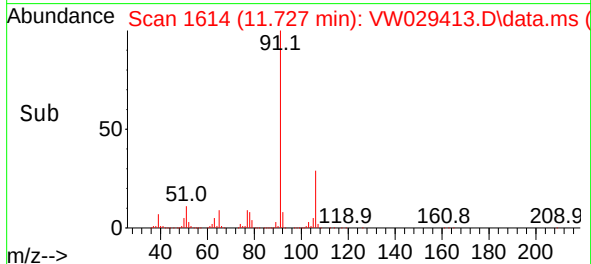
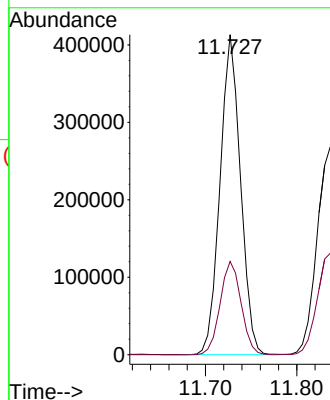
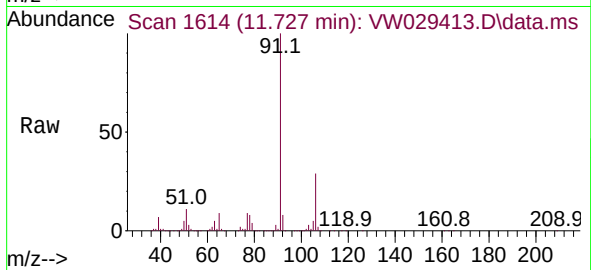
ClientSampleId :

Tgt Ion: 91 Resp: 642035

Ion Ratio Lower Upper

91 100

106 29.1 19.9 37.0



#53

m,p-Xylene

Concen: 23.321 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029413.D

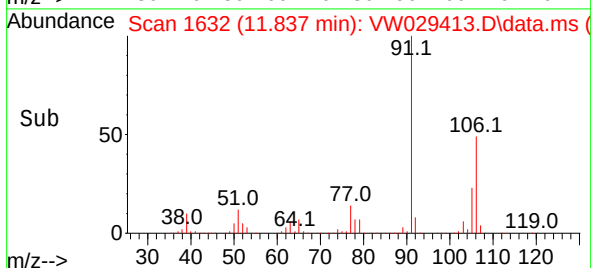
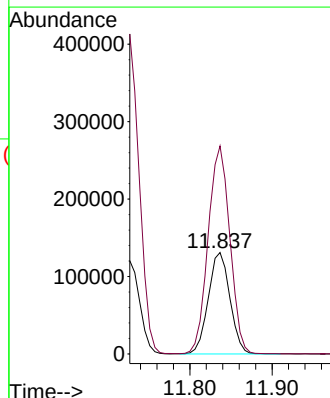
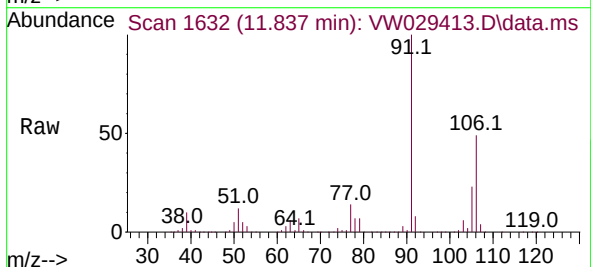
Acq: 28 Jun 2024 21:10

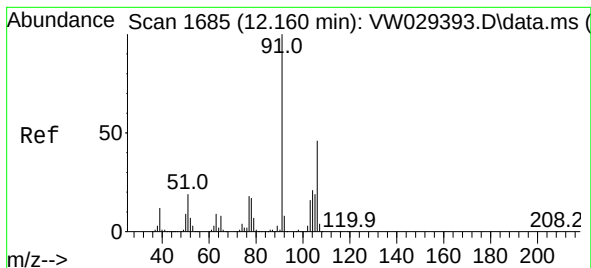
Tgt Ion:106 Resp: 239211

Ion Ratio Lower Upper

106 100

91 204.8 140.5 260.9





#54

o-Xylene

Concen: 23.403 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA_W

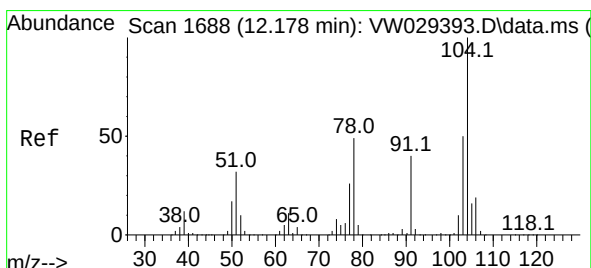
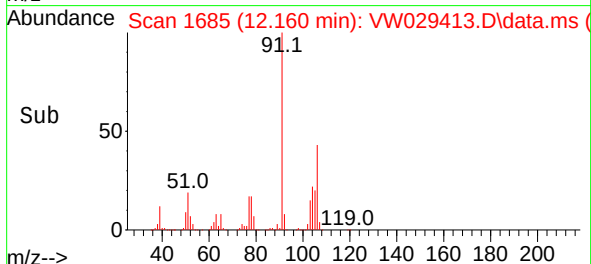
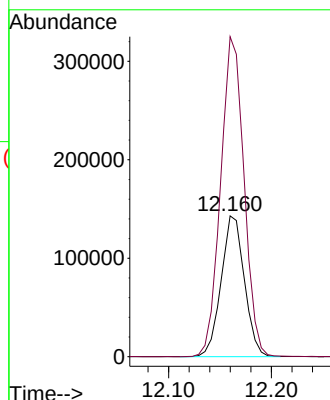
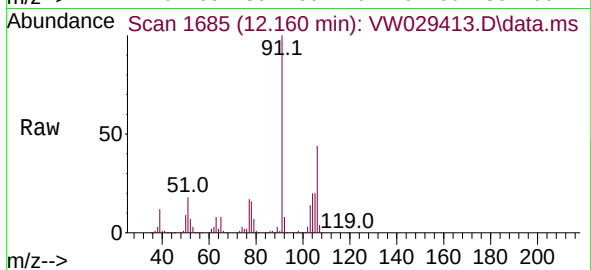
ClientSampleId :

Tgt Ion:106 Resp: 224355

Ion Ratio Lower Upper

106 100

91 227.1 149.9 278.5



#55

Styrene

Concen: 22.506 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029413.D

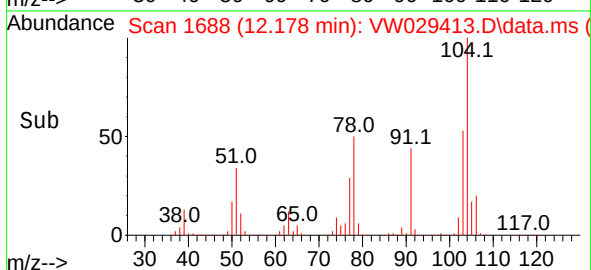
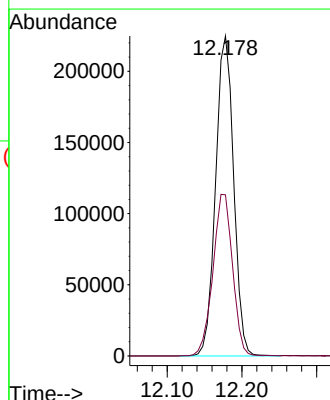
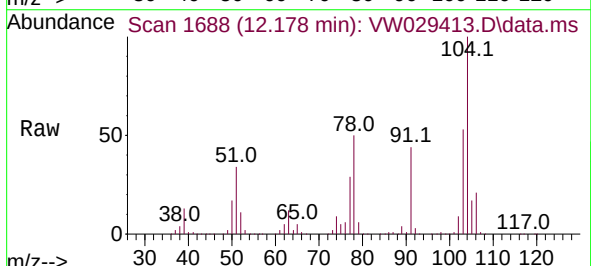
Acq: 28 Jun 2024 21:10

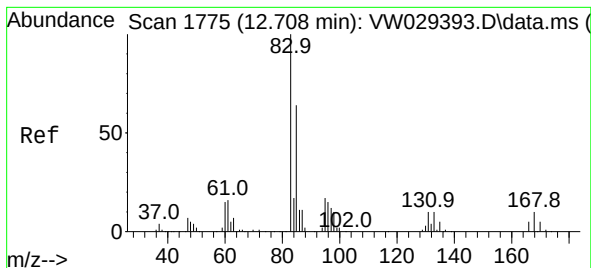
Tgt Ion:104 Resp: 376186

Ion Ratio Lower Upper

104 100

78 50.3 35.4 65.7





#57

1,1,2-Tetrachloroethane

Concen: 18.593 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA_W

ClientSampleId :

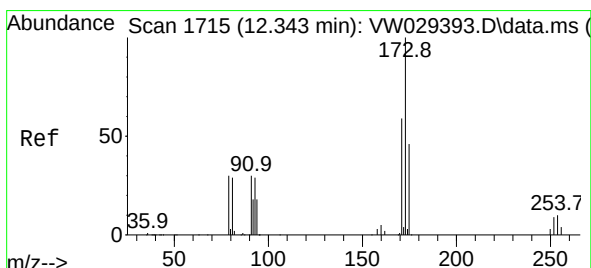
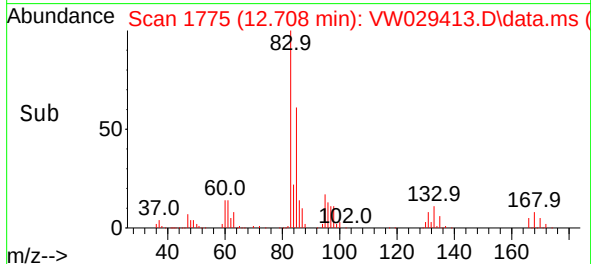
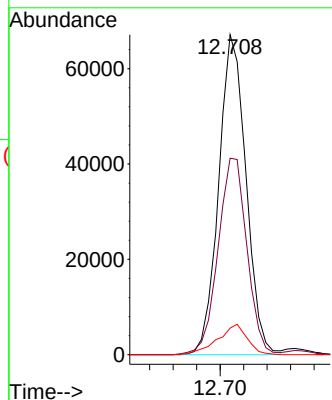
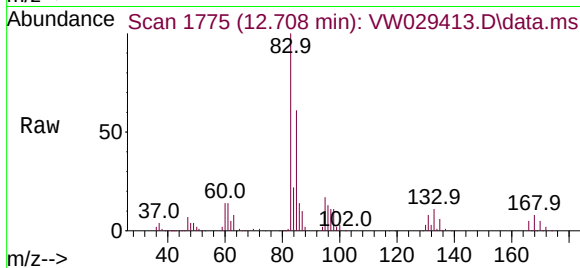
Tgt Ion: 83 Resp: 108316

Ion Ratio Lower Upper

83 100

85 61.4 45.8 85.0

131 8.3 7.8 11.6



#59

Bromoform

Concen: 21.026 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

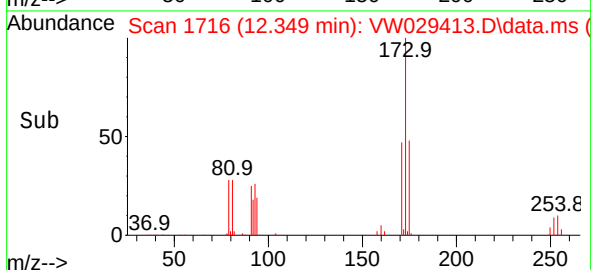
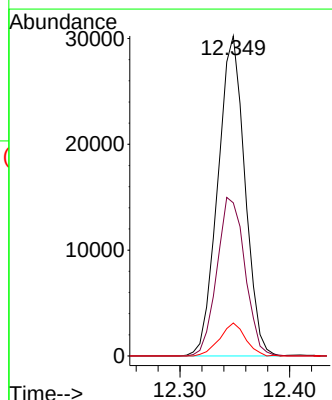
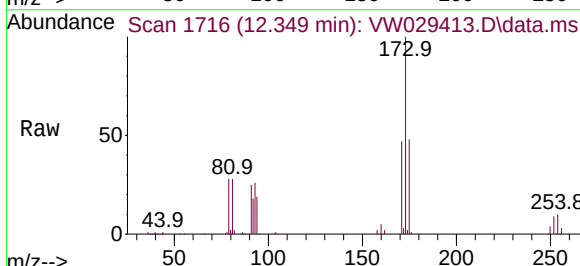
Tgt Ion:173 Resp: 51849

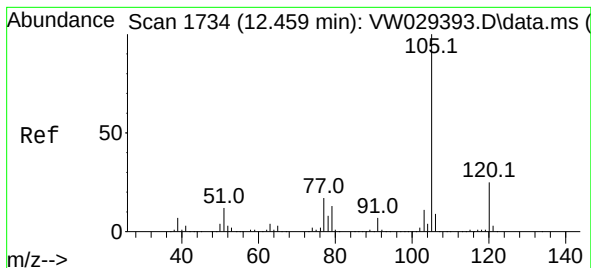
Ion Ratio Lower Upper

173 100

175 51.3 37.8 56.8

254 9.8 7.8 11.6





#60

Isopropylbenzene

Concen: 26.535 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA_W

ClientSampleId :

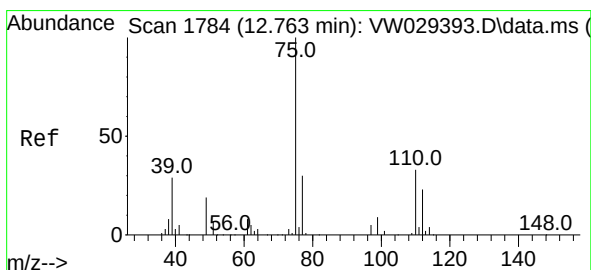
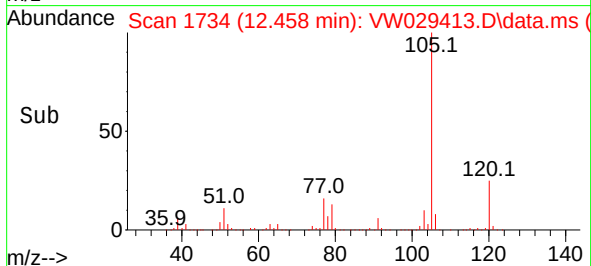
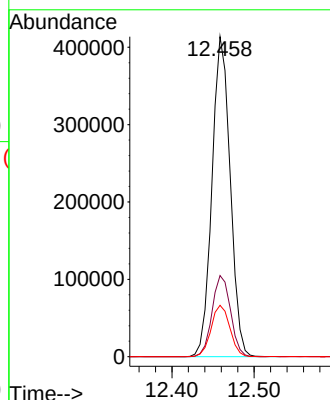
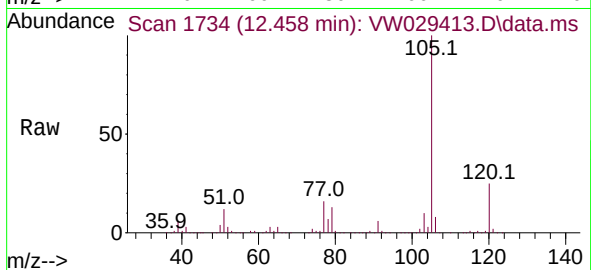
Tgt Ion:105 Resp: 636164

Ion Ratio Lower Upper

105 100

120 25.7 20.5 30.7

77 16.5 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 20.166 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

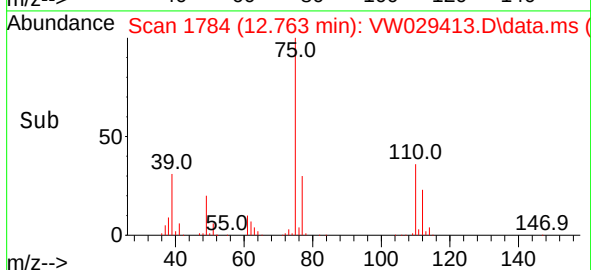
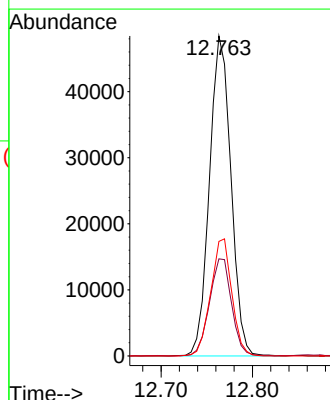
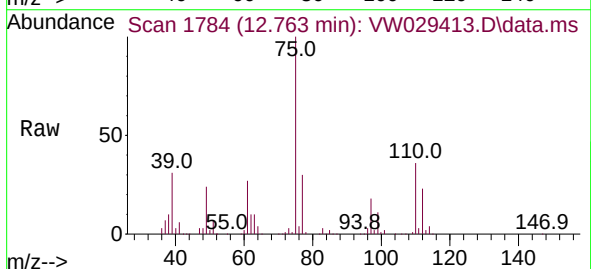
Tgt Ion: 75 Resp: 79141

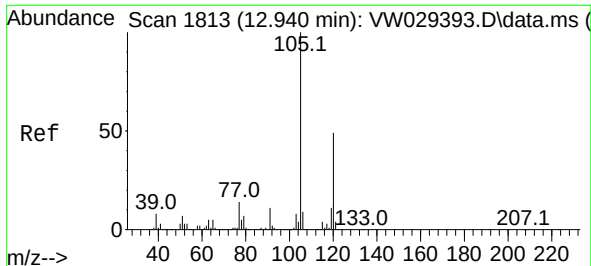
Ion Ratio Lower Upper

75 100

77 31.3 26.6 39.8

110 36.0 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 26.166 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA_W

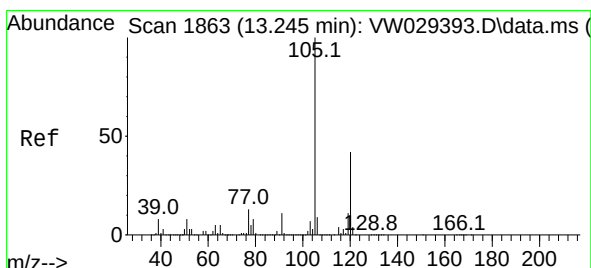
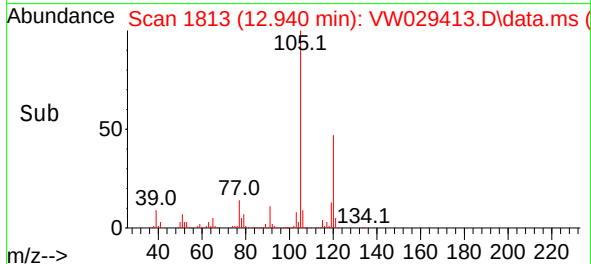
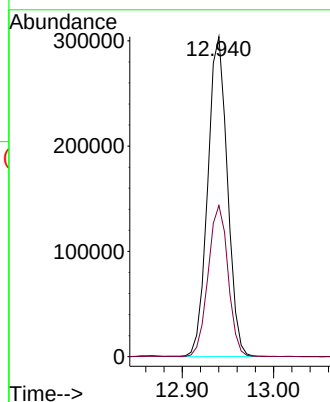
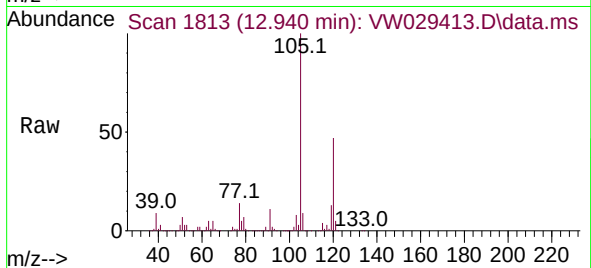
ClientSampleId :

Tgt Ion:105 Resp: 454308

Ion Ratio Lower Upper

105 100

120 47.8 36.4 54.6



#63

1,2,4-Trimethylbenzene

Concen: 26.653 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029413.D

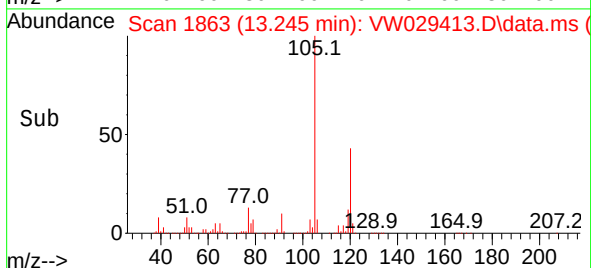
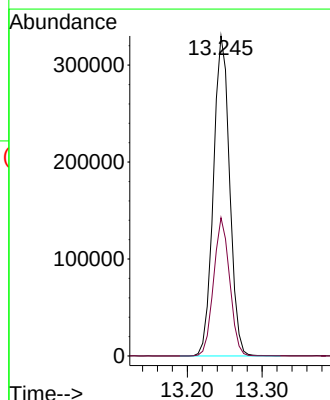
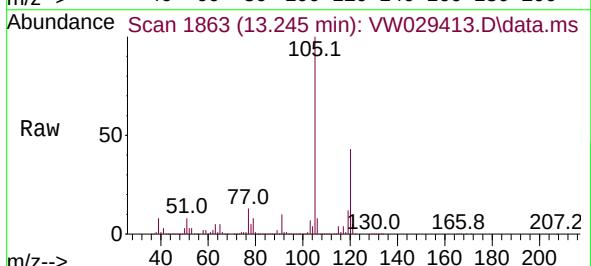
Acq: 28 Jun 2024 21:10

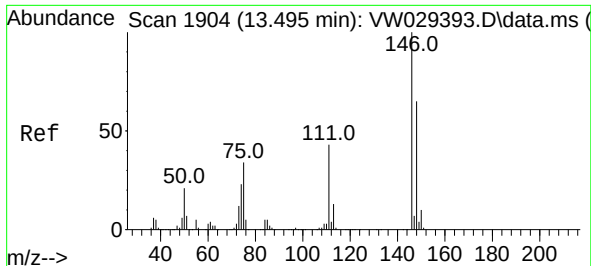
Tgt Ion:105 Resp: 497910

Ion Ratio Lower Upper

105 100

120 42.7 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 23.875 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA_W

ClientSampleId :

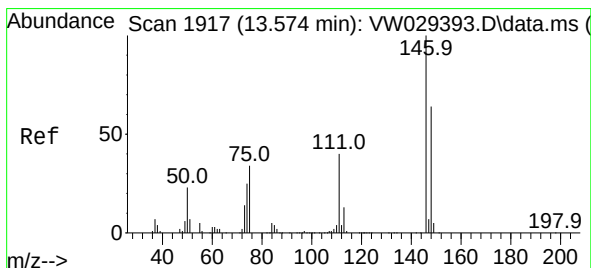
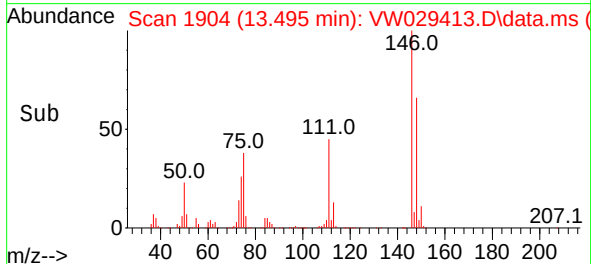
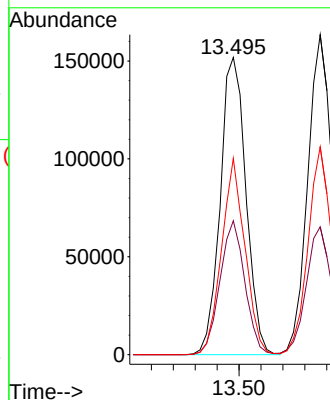
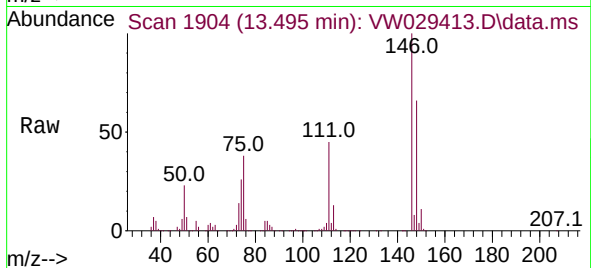
Tgt Ion:146 Resp: 247706

Ion Ratio Lower Upper

146 100

111 45.0 33.0 61.2

148 66.1 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 23.087 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

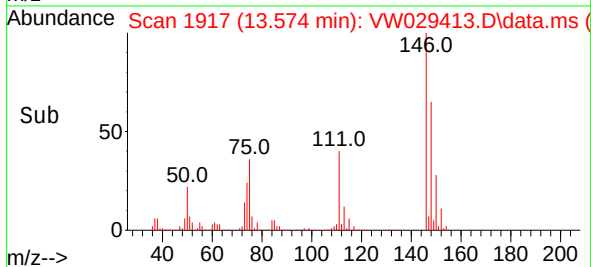
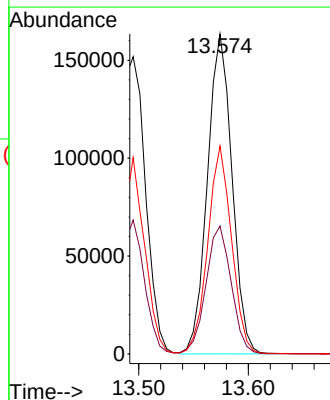
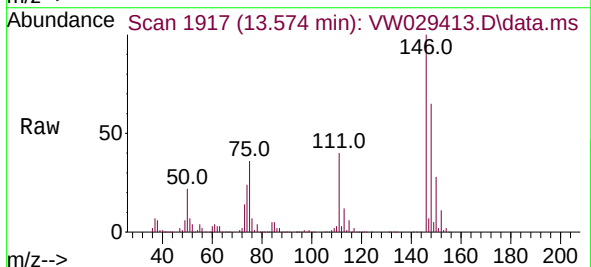
Tgt Ion:146 Resp: 254846

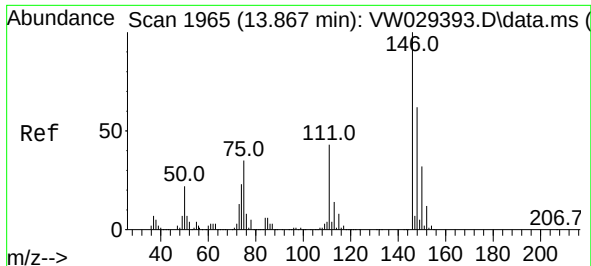
Ion Ratio Lower Upper

146 100

111 39.9 28.9 53.7

148 65.0 42.0 78.0

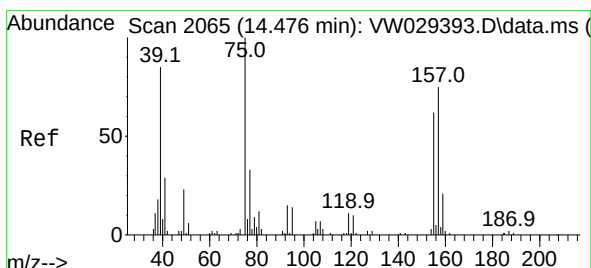
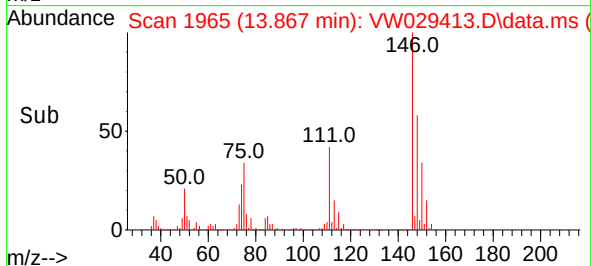
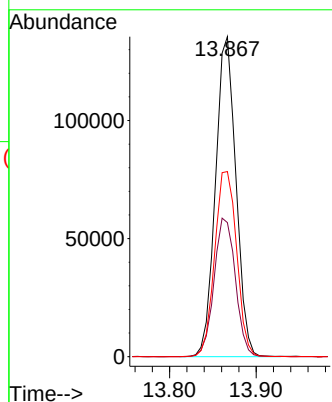
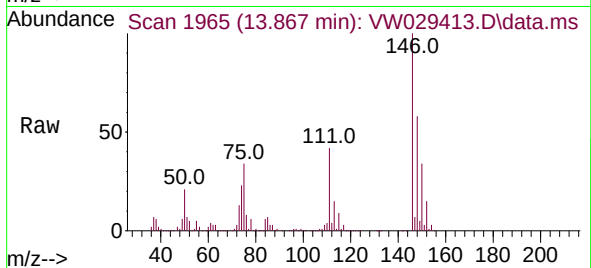




#67
1,2-Dichlorobenzene
Concen: 23.196 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029413.D
Acq: 28 Jun 2024 21:10

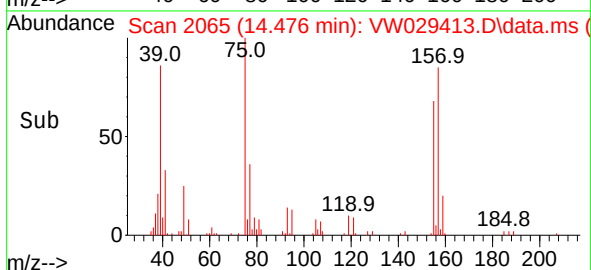
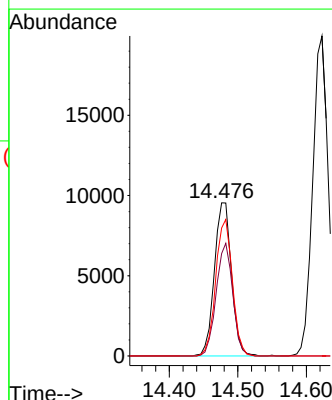
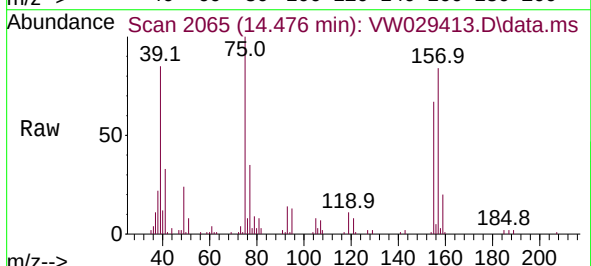
Instrument :
MSVOA_W
ClientSampleId :

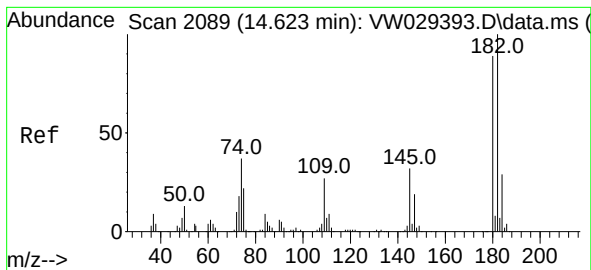
Tgt Ion:146 Resp: 222483
Ion Ratio Lower Upper
146 100
111 41.9 34.2 51.4
148 57.9 46.3 69.5



#68
1,2-Dibromo-3-chloropropane
Concen: 18.042 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029413.D
Acq: 28 Jun 2024 21:10

Tgt Ion: 75 Resp: 16523
Ion Ratio Lower Upper
75 100
155 66.9 51.0 76.6
157 83.5 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 21.209 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

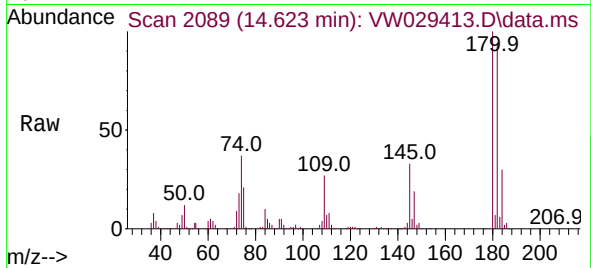
Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 148504

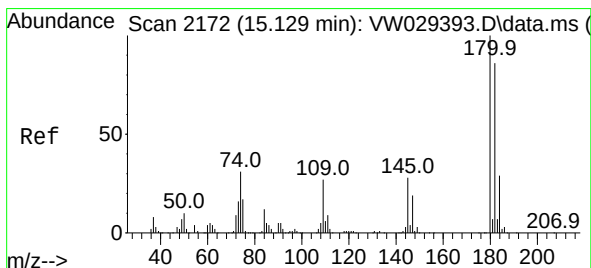
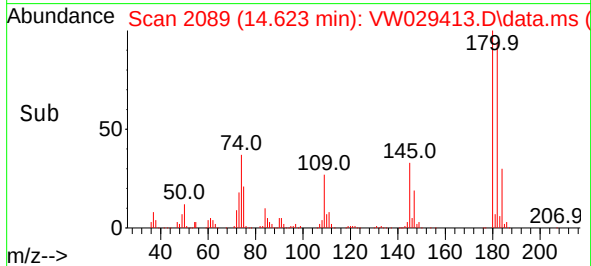
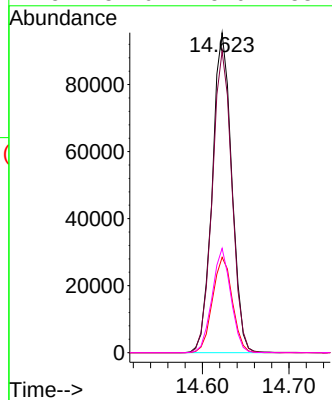
Ion Ratio Lower Upper

180 100

182 95.3 72.9 109.3

184 30.4 23.8 35.6

145 31.6 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 19.528 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

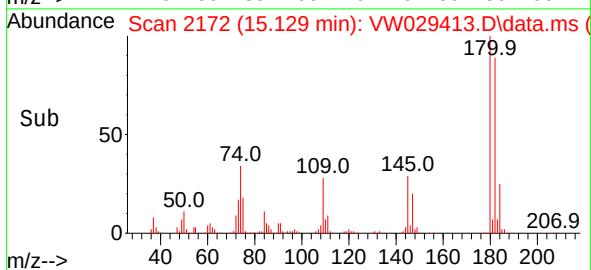
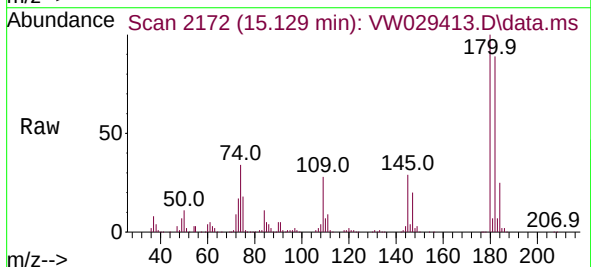
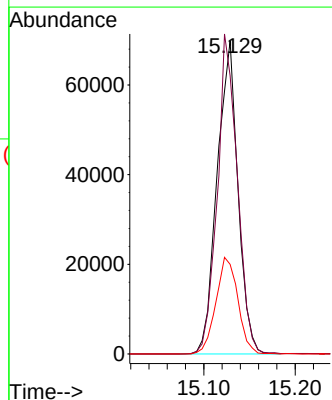
Tgt Ion:180 Resp: 110845

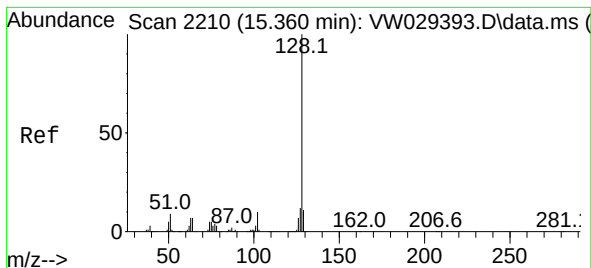
Ion Ratio Lower Upper

180 100

182 98.0 77.7 116.5

145 32.4 25.7 38.5





#71

Naphthalene

Concen: 19.603 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA_W

ClientSampleId :

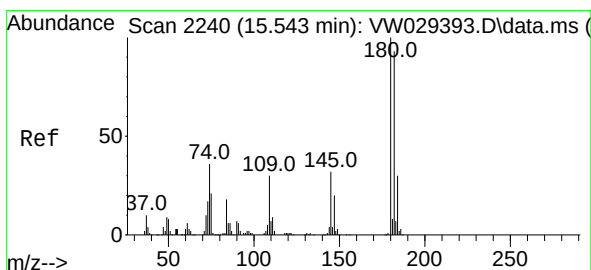
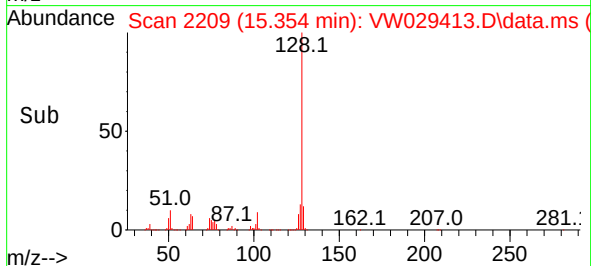
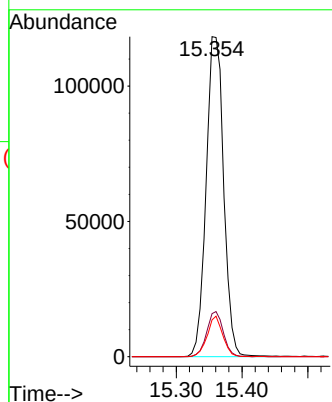
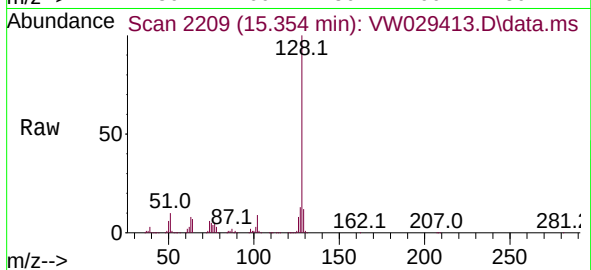
Tgt Ion:128 Resp: 219608

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.2 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 18.393 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Tgt Ion:180 Resp: 95127

Ion Ratio Lower Upper

180 100

182 93.9 73.0 109.6

145 34.0 28.1 42.1

