

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081524\
 Data File : VW029904.D
 Acq On : 15 Aug 2024 09:28
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 16 01:11:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 14 01:04:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	205179	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	189572	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	98459	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	68092	23.376	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.520%
7) Chloroethane-d5	2.899	69	57588	27.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.760%
11) 1,1-Dichloroethene-d2	4.021	65	29069	21.862	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.440%
21) 2-Butanone-d5	7.075	46	29787	37.310	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.620%
24) Chloroform-d	7.648	84	145404	27.376	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.520%
26) 1,2-Dichloroethane-d4	8.307	65	77321	25.558	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.240%
32) Benzene-d6	8.276	84	265637	25.934	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.720%
36) 1,2-Dichloropropane-d6	9.276	67	78816	24.098	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.400%
41) Toluene-d8	10.318	98	244914	26.891	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.560%
43) trans-1,3-Dichloroprop...	10.575	79	32712	24.717	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.880%
47) 2-Hexanone-d5	10.922	63	23503	43.581	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	66880	27.540	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	77364	25.305	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	61311	22.168	ug/L	99
3) Chloromethane	2.222	50	65965	19.275	ug/L	99
5) Vinyl chloride	2.375	62	89980	23.465	ug/L	99
6) Bromomethane	2.789	94	59968	28.479	ug/L	89
8) Chloroethane	2.936	64	58207	26.683	ug/L	91
9) Trichlorofluoromethane	3.271	101	78282	25.557	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	78015	25.573	ug/L #	79
12) 1,1-Dichloroethene	4.045	96	69061	24.638	ug/L	96
13) Acetone	4.124	43	37424	37.719	ug/L	93
14) Carbon disulfide	4.387	76	189576	20.323	ug/L	99
15) Methyl Acetate	4.673	43	29785	18.023	ug/L #	88
16) Methylene chloride	4.917	84	87946	20.503	ug/L	88
17) trans-1,2-Dichloroethene	5.429	96	74569	24.687	ug/L	86
18) Methyl tert-butyl Ether	5.429	73	118392	23.782	ug/L	98
19) 1,1-Dichloroethane	6.216	63	148958	23.382	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	85121	25.979	ug/L	92
22) 2-Butanone	7.173	43	44432	34.951	ug/L	85
23) Bromochloromethane	7.514	128	36303	26.099	ug/L	79
25) Chloroform	7.679	83	162457	27.067	ug/L	99

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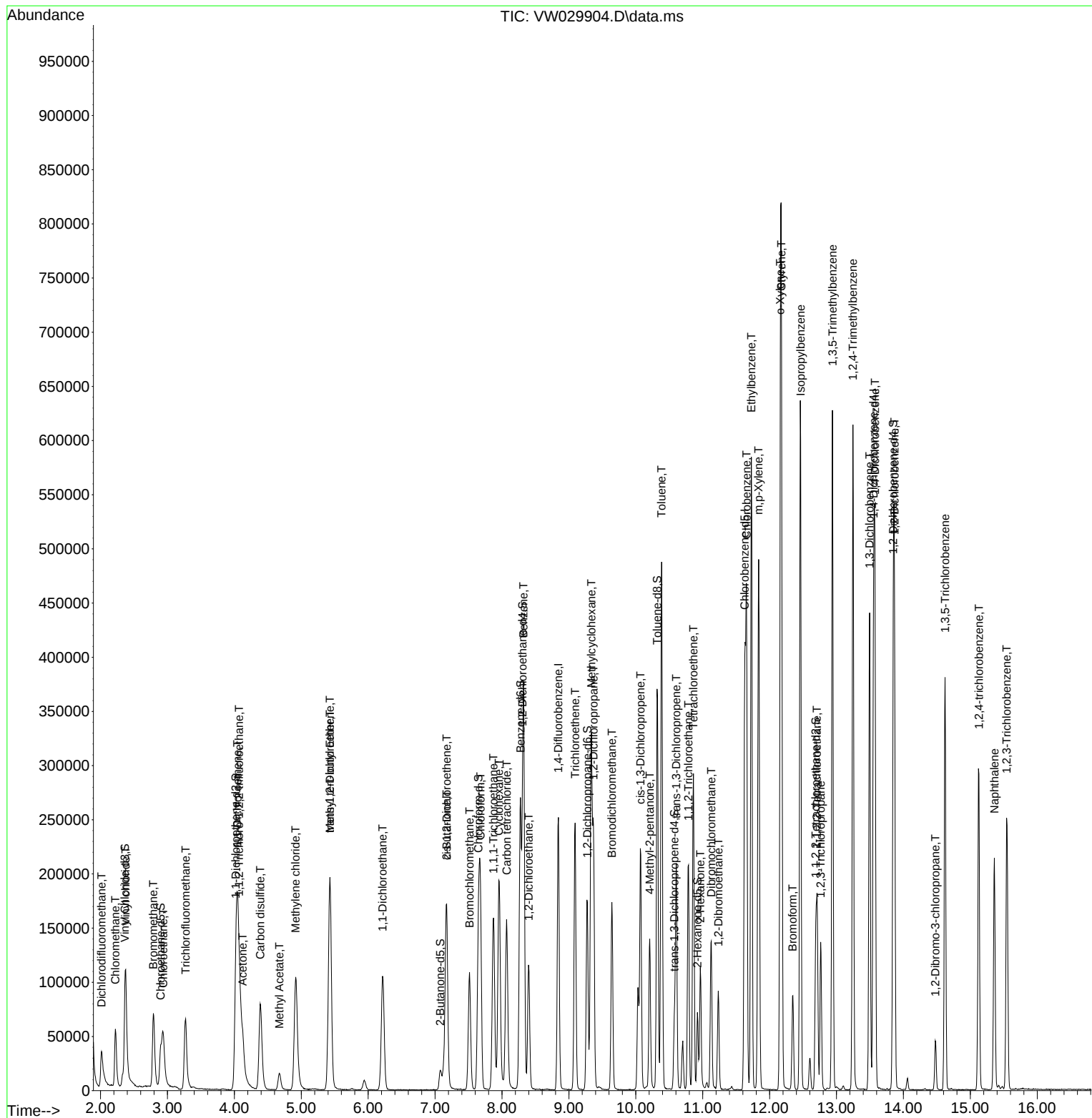
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	106847	24.427	ug/L	98
29) Cyclohexane	7.953	56	104086	19.321	ug/L	90
30) 1,1,1-Trichloroethane	7.874	97	129896	27.058	ug/L	96
31) Carbon tetrachloride	8.069	117	115742	26.756	ug/L	98
33) Benzene	8.319	78	326226	25.116	ug/L	100
34) Trichloroethene	9.093	95	86423	25.381	ug/L	97
35) Methylcyclohexane	9.337	83	127371	22.449	ug/L	93
37) 1,2-Dichloropropane	9.367	63	85210	23.939	ug/L	98
38) Bromodichloromethane	9.642	83	114197	26.941	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	126785	24.458	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	87553	38.725	ug/L #	92
42) Toluene	10.386	91	352114	26.558	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	108120	25.125	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	65226	27.277	ug/L	96
46) Tetrachloroethene	10.861	164	59140	23.896	ug/L	95
48) 2-Hexanone	10.965	43	65981	38.965	ug/L #	93
49) Dibromochloromethane	11.129	129	71089	28.637	ug/L	97
50) 1,2-Dibromoethane	11.233	107	58196	26.303	ug/L	96
51) Chlorobenzene	11.654	112	219801	26.652	ug/L	95
52) Ethylbenzene	11.727	91	390888	26.137	ug/L	99
53) m,p-Xylene	11.836	106	143930	26.168	ug/L	100
54) o-Xylene	12.160	106	137178	27.083	ug/L	97
55) Styrene	12.178	104	243666	27.754	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	77002	26.236	ug/L	98
59) Bromoform	12.342	173	38613	26.063	ug/L	98
60) Isopropylbenzene	12.464	105	391265	25.681	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	54107	22.595	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	313951	27.723	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	308453	25.468	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	162996	25.075	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	171026	25.613	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	151285	25.563	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	11674	21.470	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	107206	24.105	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	86677	23.133	ug/L	96
71) Naphthalene	15.360	128	169543	23.714	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	81138	23.925	ug/L	98

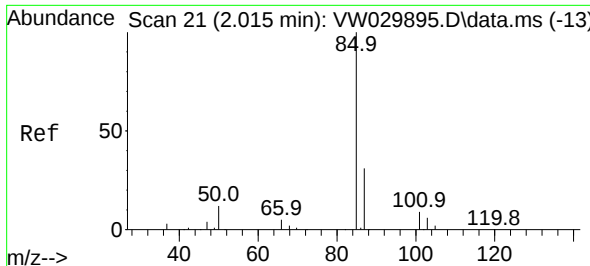
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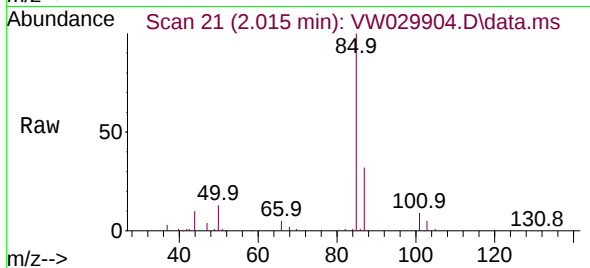
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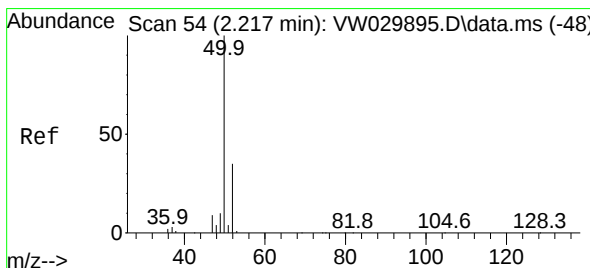
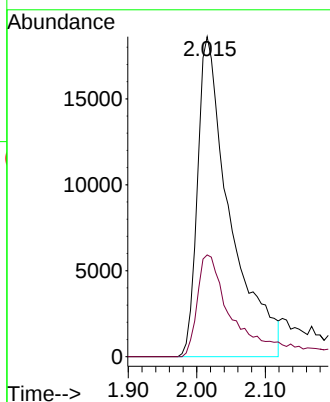
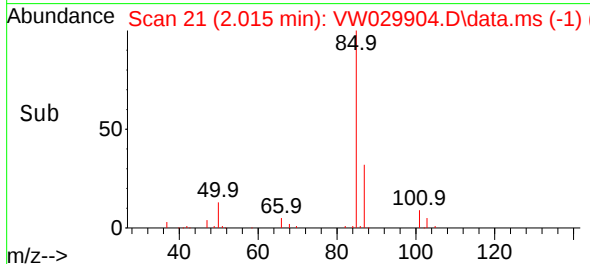


#2
 Dichlorodifluoromethane
 Concen: 22.168 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029904.D
 Acq: 15 Aug 2024 09:28

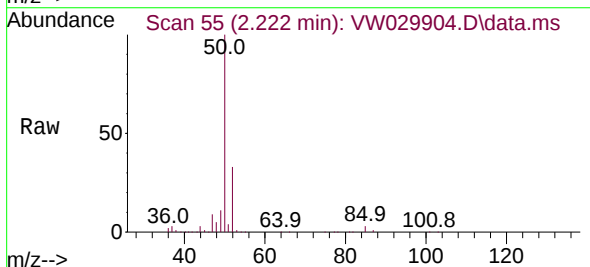
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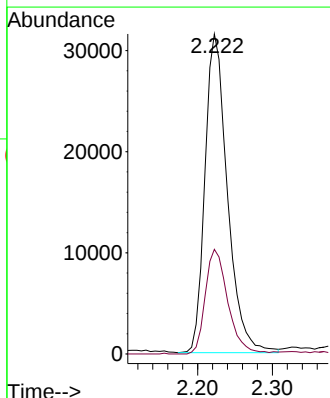
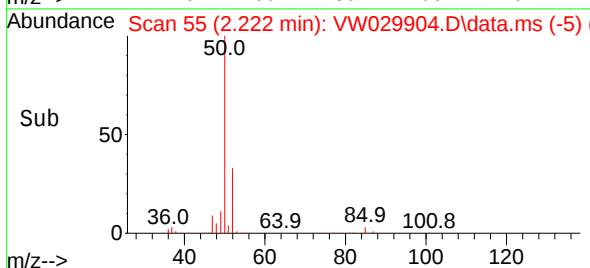
Tgt Ion: 85 Resp: 61311
 Ion Ratio Lower Upper
 85 100
 87 31.2 25.5 38.3

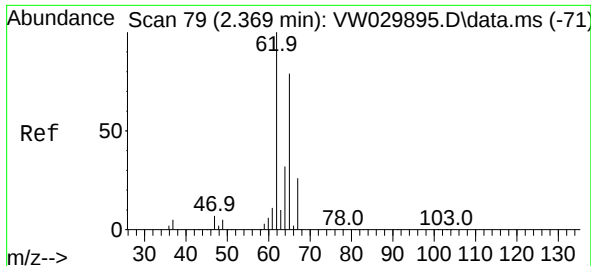


#3
 Chloromethane
 Concen: 19.275 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.006 min
 Lab File: VW029904.D
 Acq: 15 Aug 2024 09:28



Tgt Ion: 50 Resp: 65965
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.5 41.9

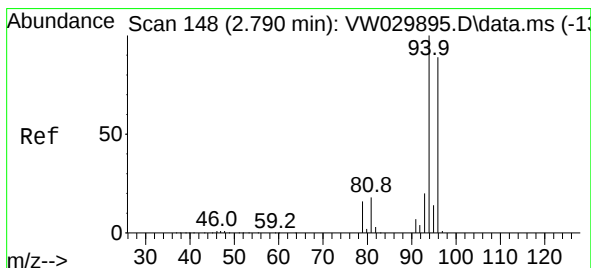
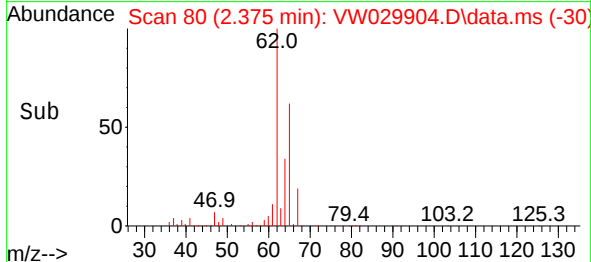
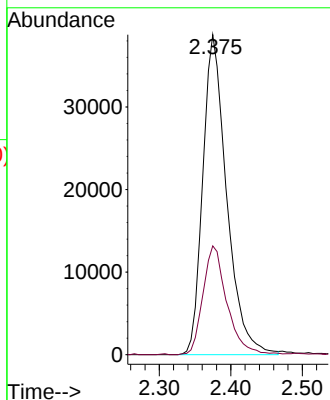
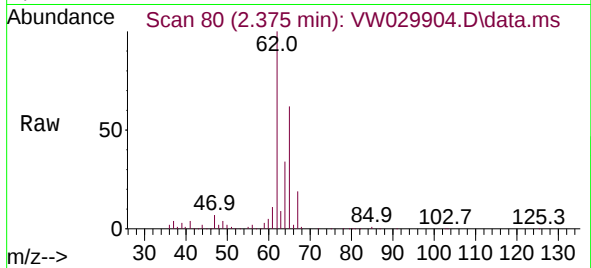




#5
 Vinyl chloride
 Concen: 23.465 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW029904.D
 Acq: 15 Aug 2024 09:28

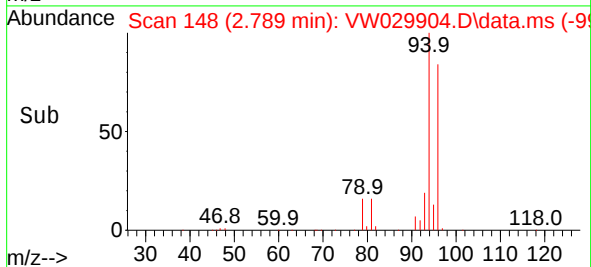
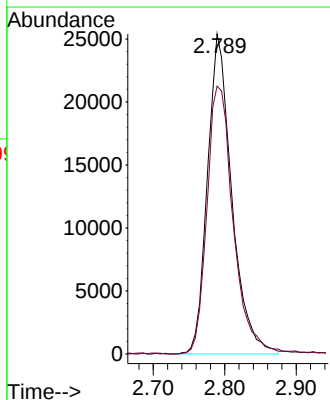
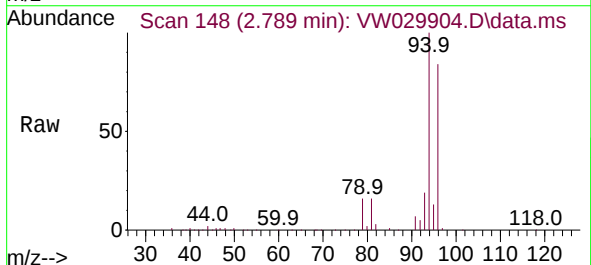
Instrument :
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 ClientSampleId :

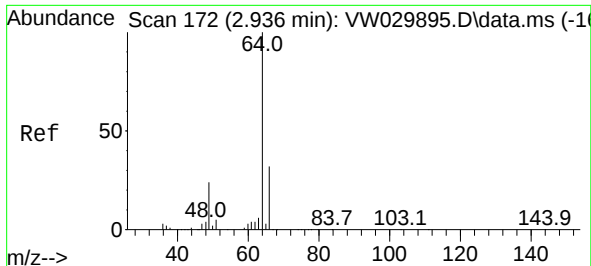
Tgt Ion: 62 Resp: 89980
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.2 43.2



#6
 Bromomethane
 Concen: 28.479 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029904.D
 Acq: 15 Aug 2024 09:28

Tgt Ion: 94 Resp: 59968
 Ion Ratio Lower Upper
 94 100
 96 83.7 66.2 123.0

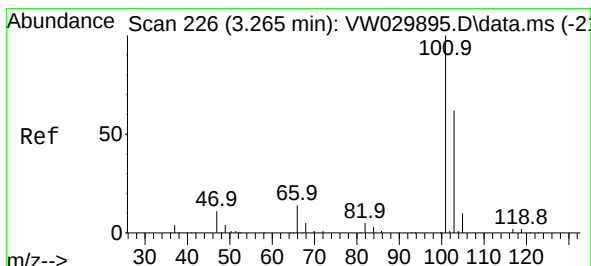
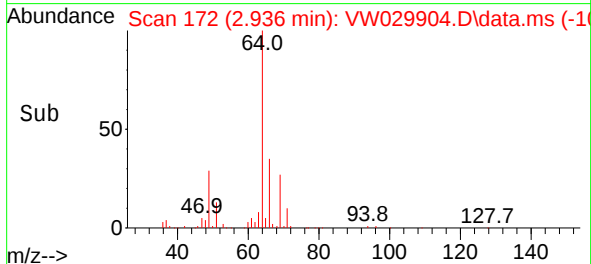
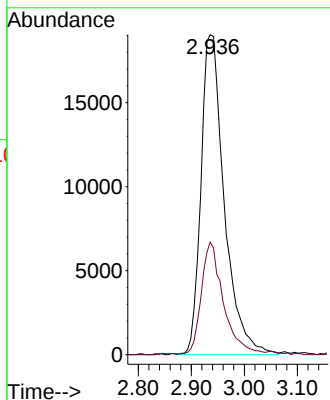
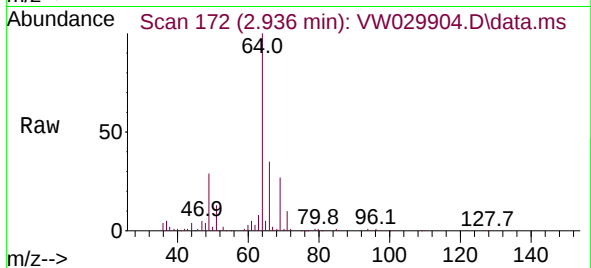




#8
Chloroethane
Concen: 26.683 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW029904.D
Acq: 15 Aug 2024 09:28

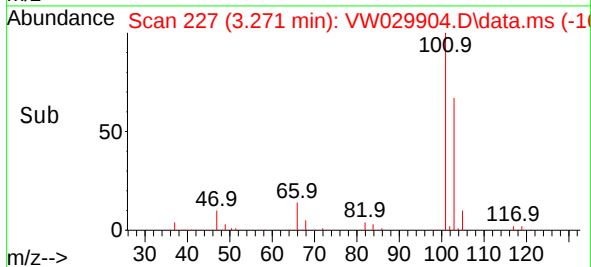
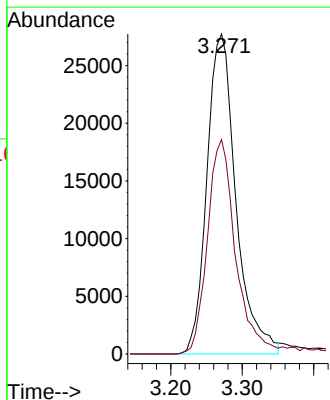
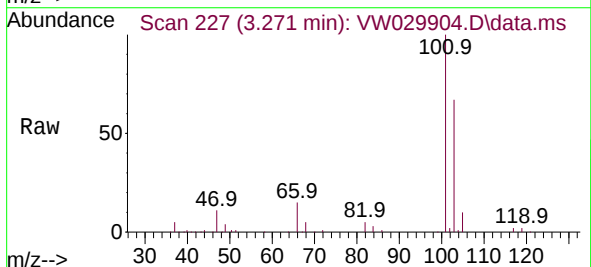
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ClientSampleId :

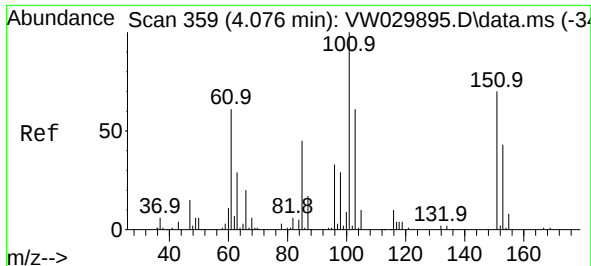
Tgt Ion: 64 Resp: 58207
Ion Ratio Lower Upper
64 100
66 35.2 21.2 39.4



#9
Trichlorofluoromethane
Concen: 25.557 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW029904.D
Acq: 15 Aug 2024 09:28

Tgt Ion:101 Resp: 78282
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.4





#10

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

Concen: 25.573 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

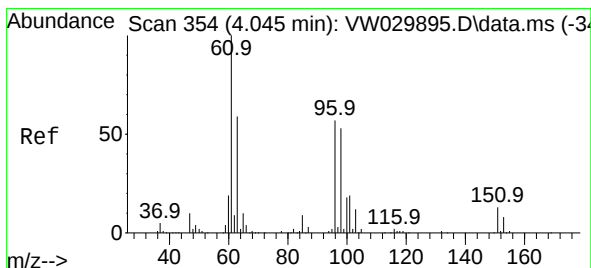
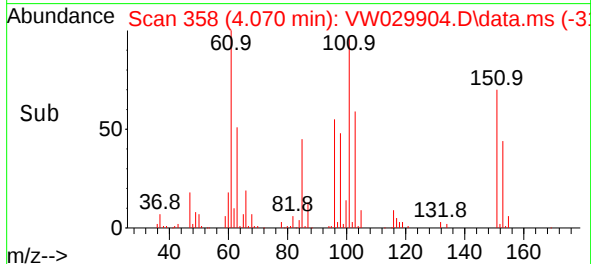
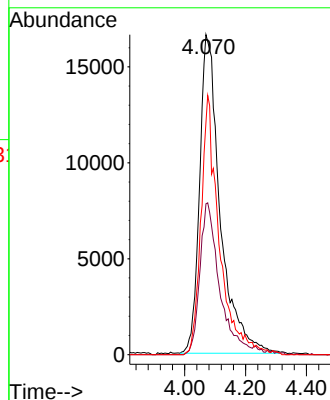
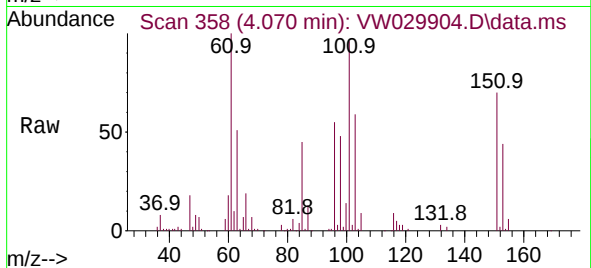
Tgt Ion:101 Resp: 78015

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.4

151 39.8 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 24.638 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

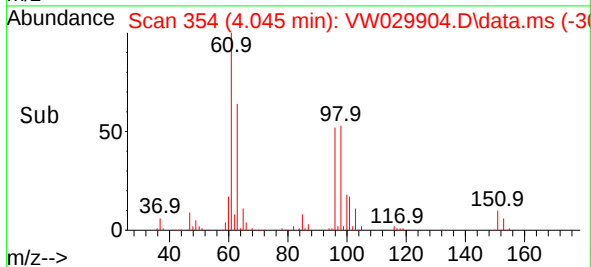
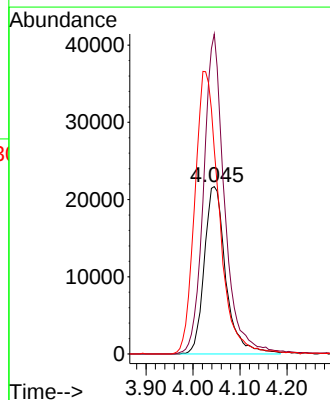
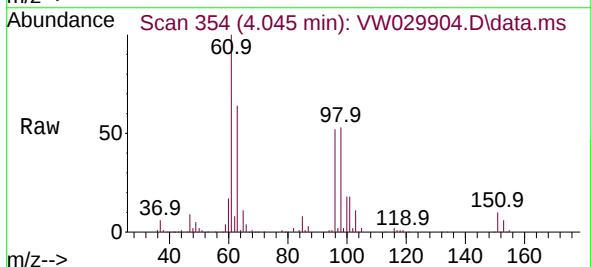
Tgt Ion: 96 Resp: 69061

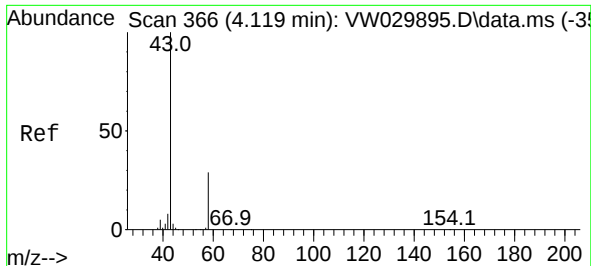
Ion Ratio Lower Upper

96 100

61 191.3 138.3 256.9

63 122.1 89.0 165.4





#13

Acetone

Concen: 37.719 ug/L

RT: 4.124 min Scan# 367

Delta R.T. 0.006 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

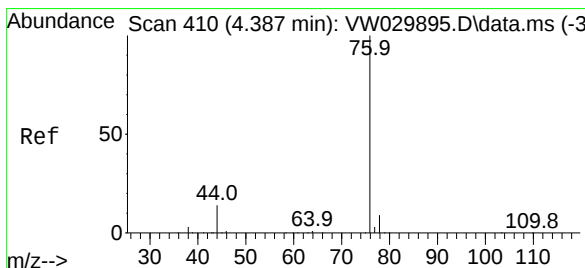
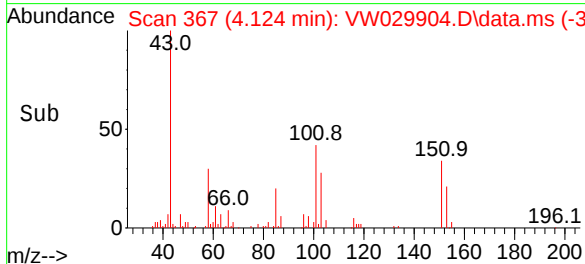
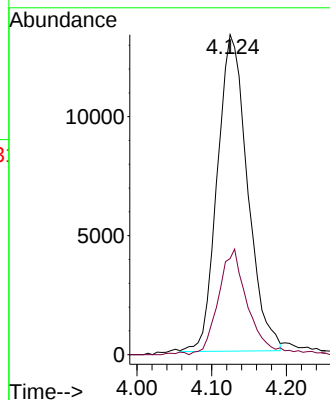
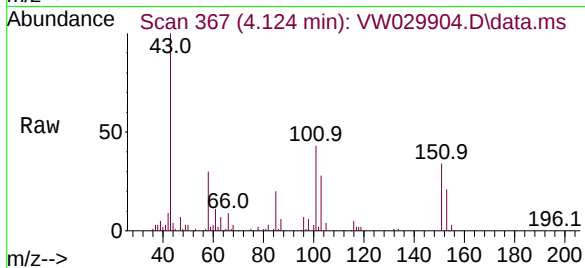
ClientSampleId :

Tgt Ion: 43 Resp: 37424

Ion Ratio Lower Upper

43 100

58 32.4 0.0 57.6



#14

Carbon disulfide

Concen: 20.323 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.000 min

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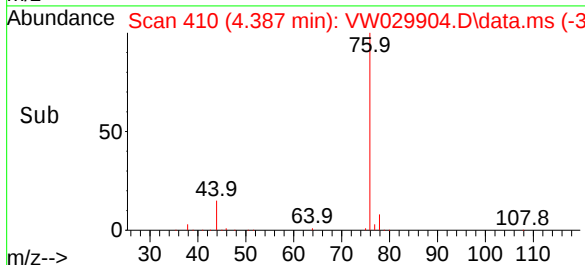
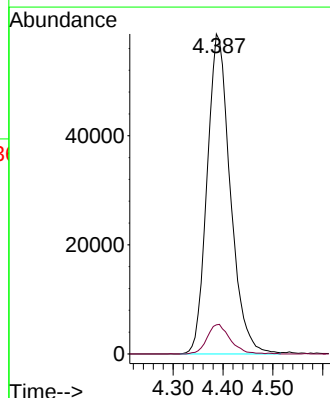
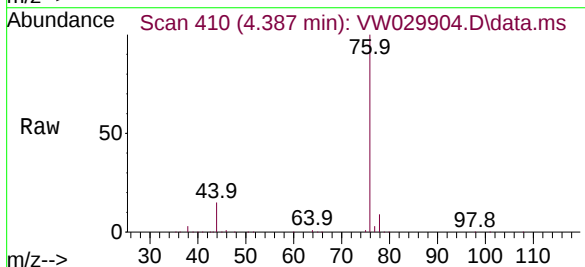
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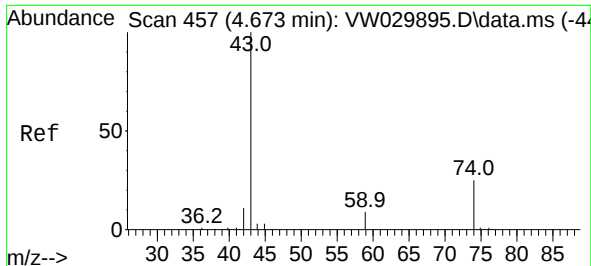
Tgt Ion: 76 Resp: 189576

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4

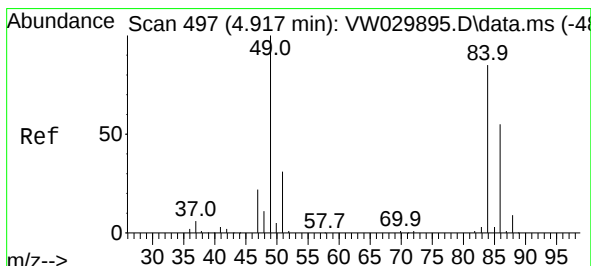
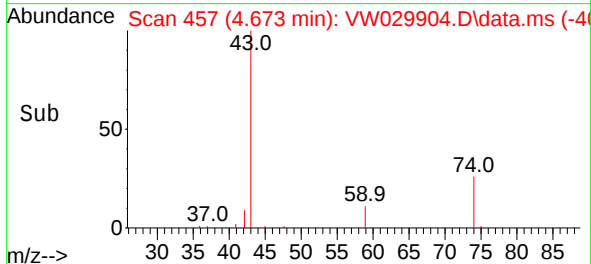
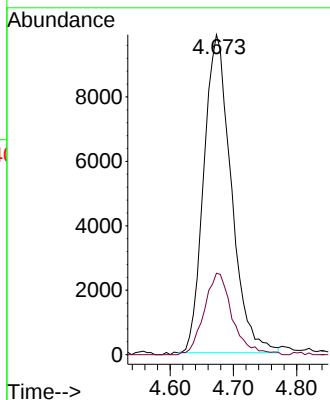
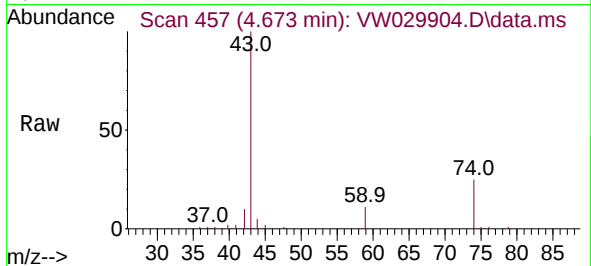




#15
Methyl Acetate
Concen: 18.023 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW029904.D
Acq: 15 Aug 2024 09:28

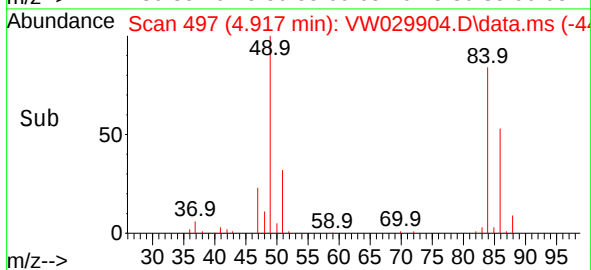
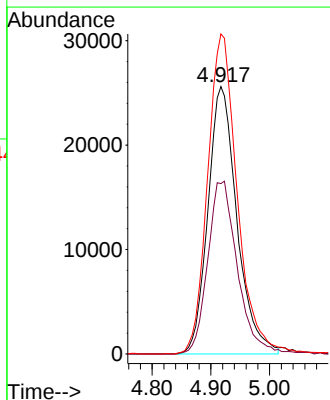
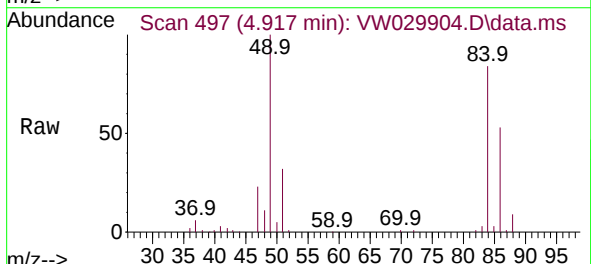
Instrument :
MSVOA_W
ClientSampleId :

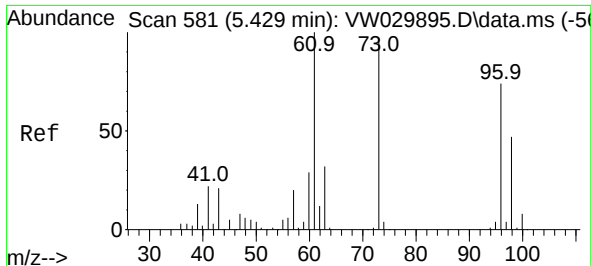
Tgt Ion: 43 Resp: 29785
Ion Ratio Lower Upper
43 100
74 26.0 16.5 24.7#



#16
Methylene chloride
Concen: 20.503 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029904.D
Acq: 15 Aug 2024 09:28

Tgt Ion: 84 Resp: 87946
Ion Ratio Lower Upper
84 100
86 63.7 44.7 82.9
49 119.7 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 24.687 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

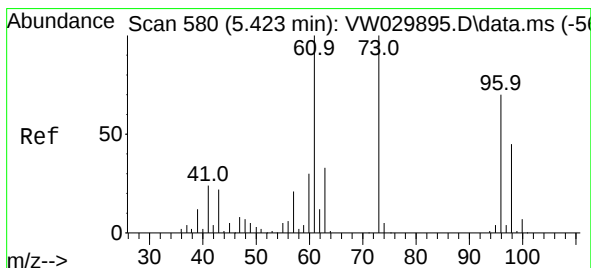
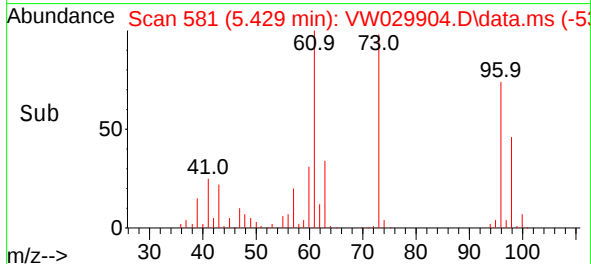
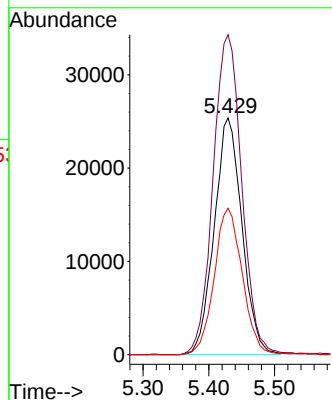
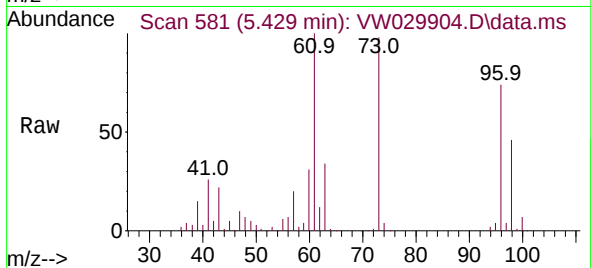
Tgt Ion: 96 Resp: 74569

Ion Ratio Lower Upper

96 100

61 135.1 111.2 206.6

98 61.8 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 23.782 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

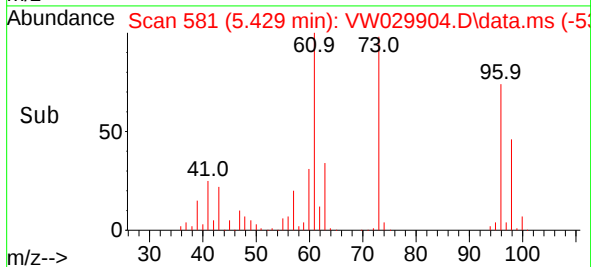
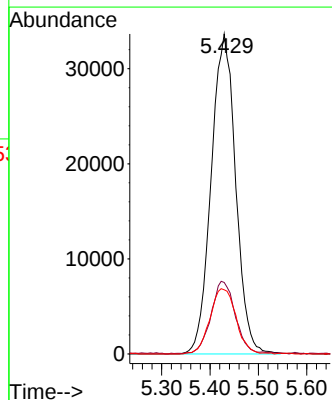
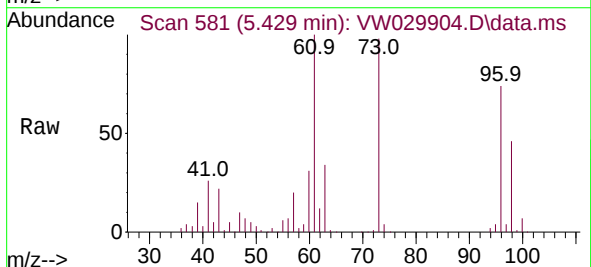
Tgt Ion: 73 Resp: 118392

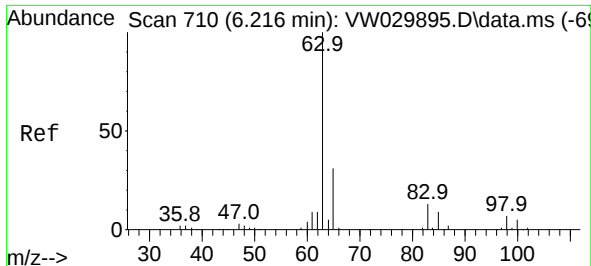
Ion Ratio Lower Upper

73 100

43 22.1 18.3 27.5

57 21.6 17.9 26.9





#19

1,1-Dichloroethane

Concen: 23.382 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

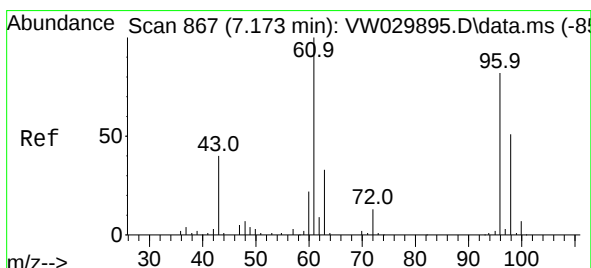
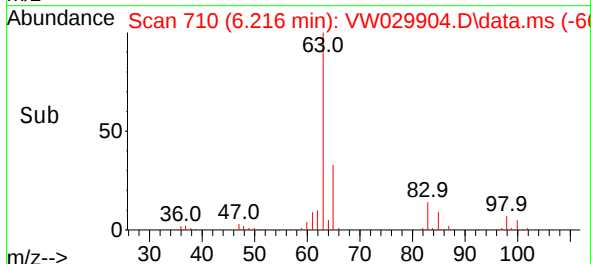
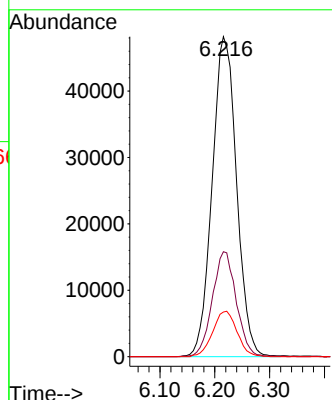
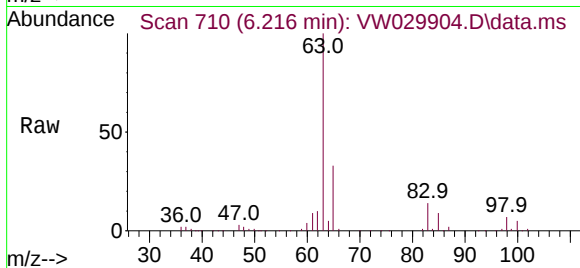
Tgt Ion: 63 Resp: 148958

Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.3

83 14.0 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 25.979 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

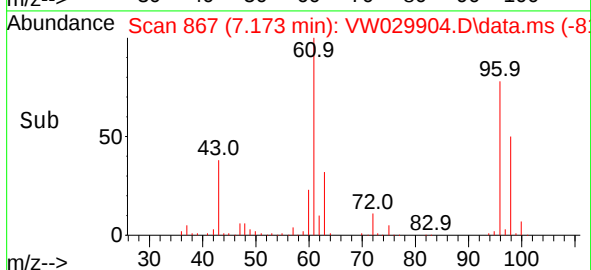
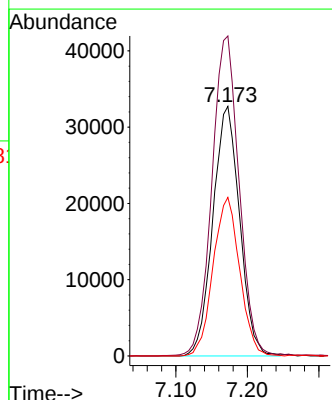
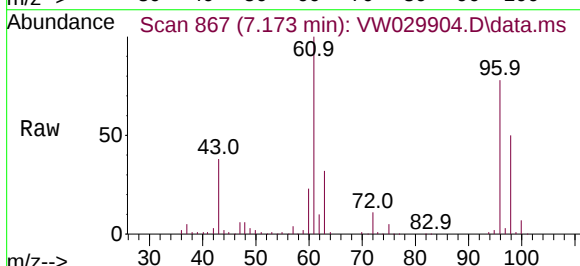
Tgt Ion: 96 Resp: 85121

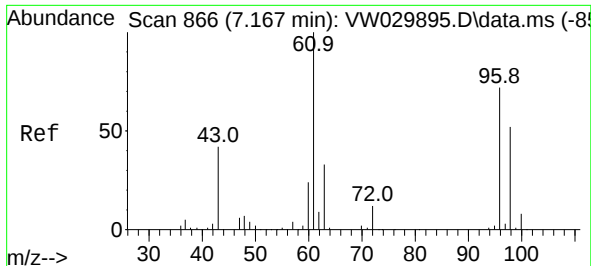
Ion Ratio Lower Upper

96 100

61 128.2 98.2 182.4

98 63.6 41.9 77.9





#22

2-Butanone

Concen: 34.951 ug/L

RT: 7.173 min Scan# 866

Delta R.T. 0.006 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

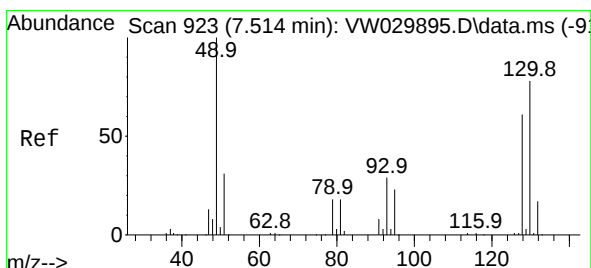
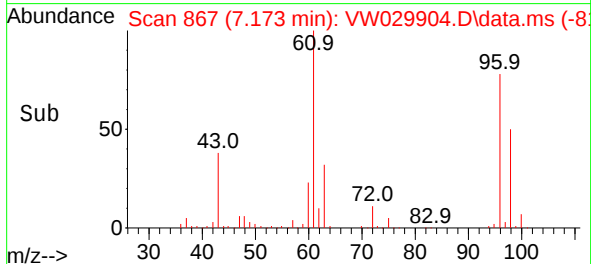
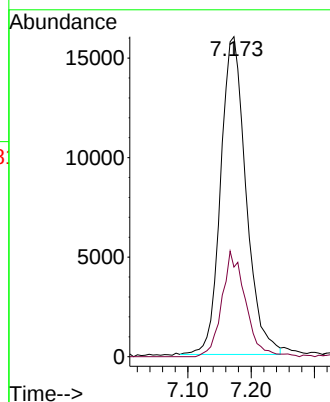
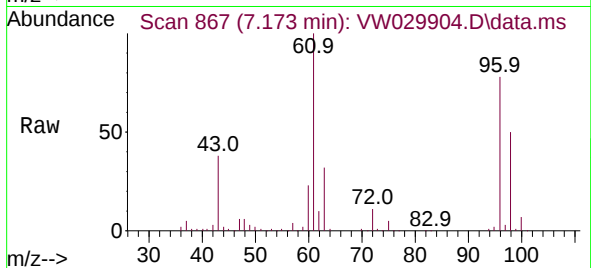
ClientSampleId :

Tgt Ion: 43 Resp: 44432

Ion Ratio Lower Upper

43 100

72 30.6 11.7 35.1



#23

Bromochloromethane

Concen: 26.099 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Tgt Ion: 128 Resp: 36303

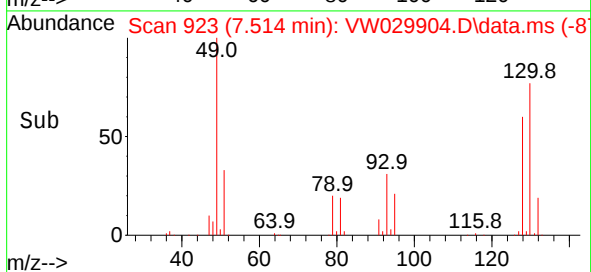
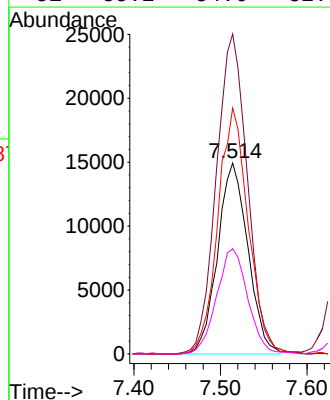
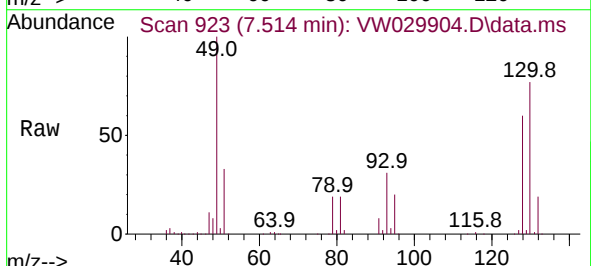
Ion Ratio Lower Upper

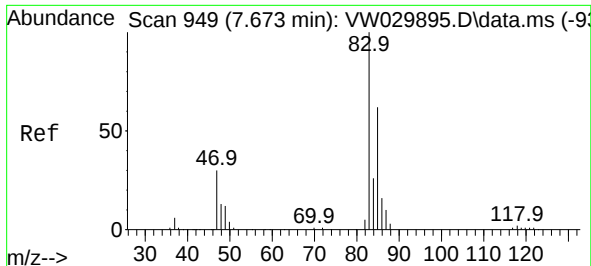
128 100

49 167.7 151.1 280.7

130 128.8 96.8 179.8

51 55.2 54.6 82.0





#25

Chloroform

Concen: 27.067 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

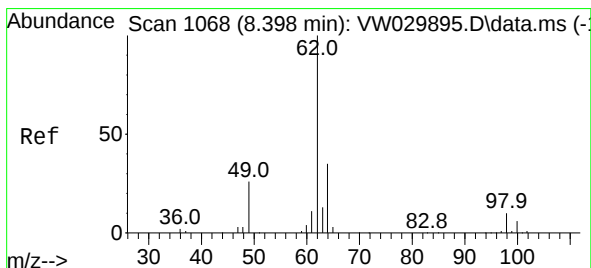
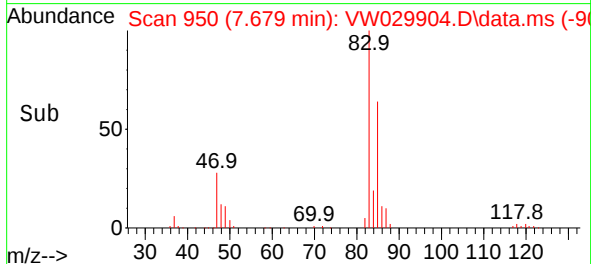
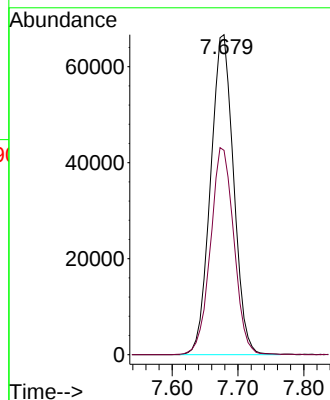
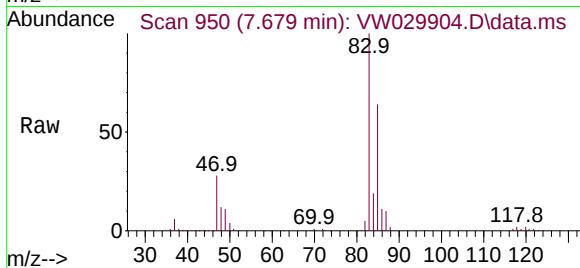
ClientSampleId :

Tgt Ion: 83 Resp: 162457

Ion Ratio Lower Upper

83 100

85 63.8 44.4 82.4



#27

1,2-Dichloroethane

Concen: 24.427 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029904.D

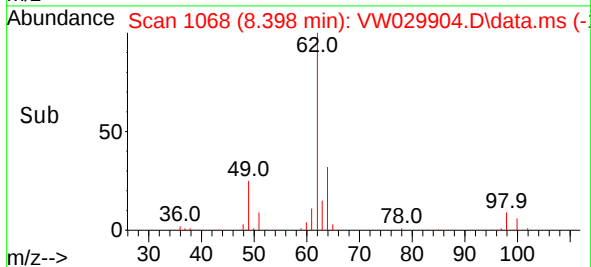
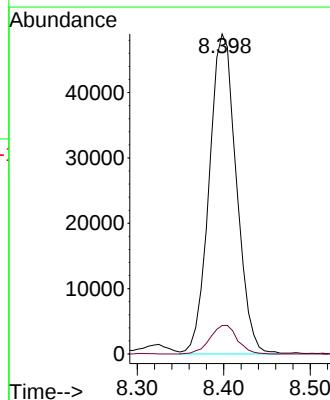
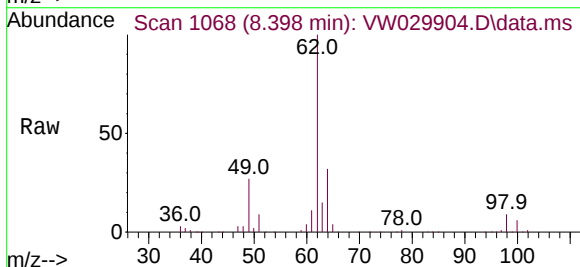
Acq: 15 Aug 2024 09:28

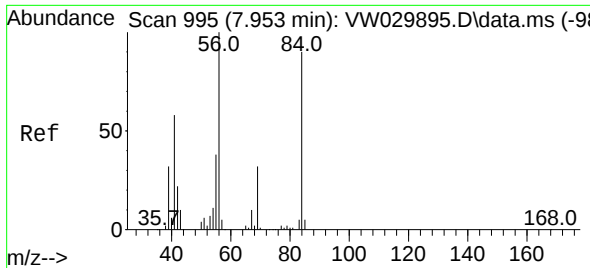
Tgt Ion: 62 Resp: 106847

Ion Ratio Lower Upper

62 100

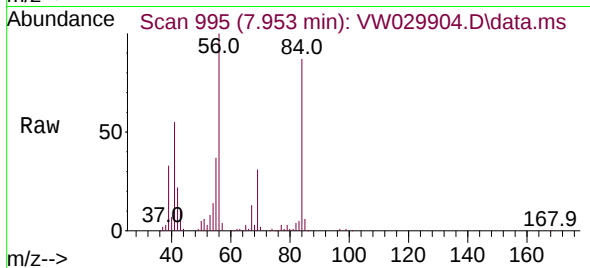
98 8.9 6.6 10.0



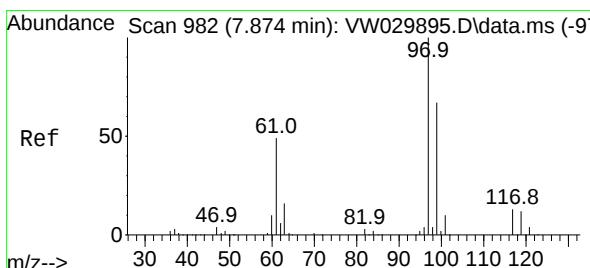
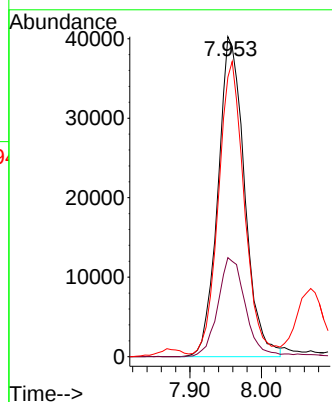
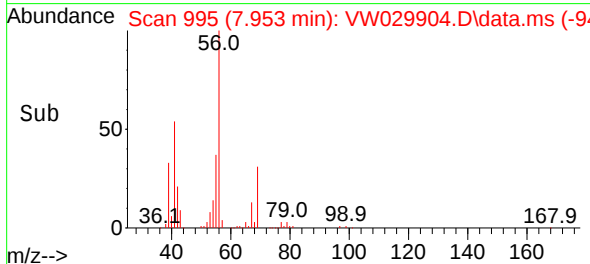


#29
Cyclohexane
Concen: 19.321 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW029904.D
Acq: 15 Aug 2024 09:28

Instrument :
MSVOA_W
ClientSampleId :

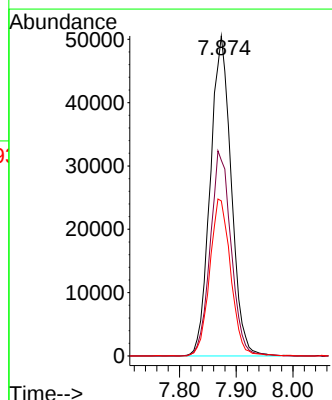
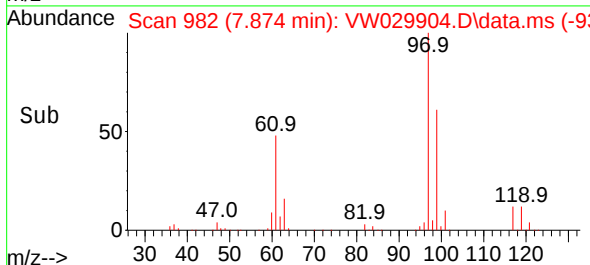
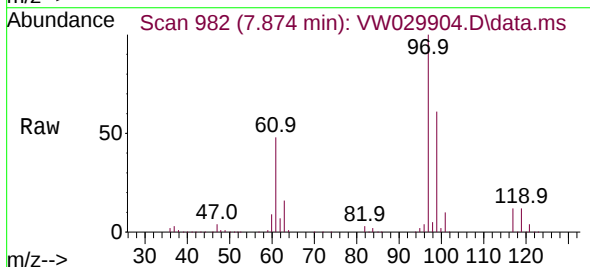


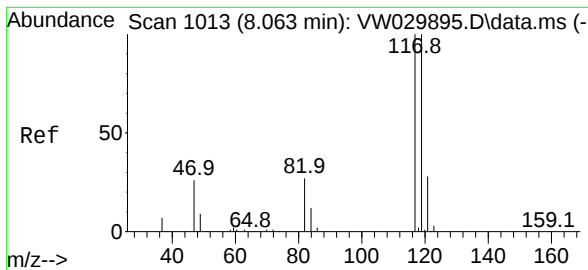
Tgt Ion: 56 Resp: 104086
Ion Ratio Lower Upper
56 100
69 31.7 23.0 34.4
84 89.9 63.5 95.3



#30
1,1,1-Trichloroethane
Concen: 27.058 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW029904.D
Acq: 15 Aug 2024 09:28

Tgt Ion: 97 Resp: 129896
Ion Ratio Lower Upper
97 100
99 63.7 52.1 78.1
61 48.9 42.6 63.8





#31

Carbon tetrachloride

Concen: 26.756 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

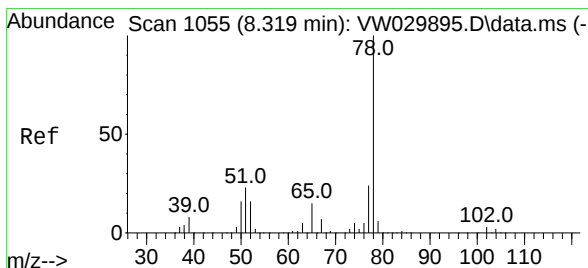
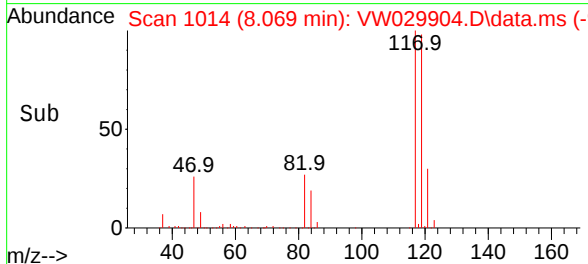
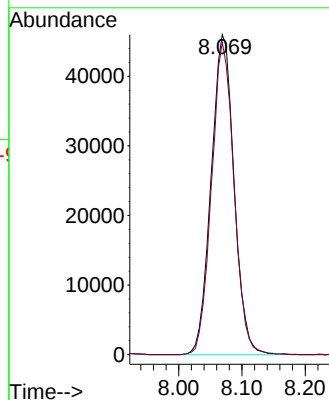
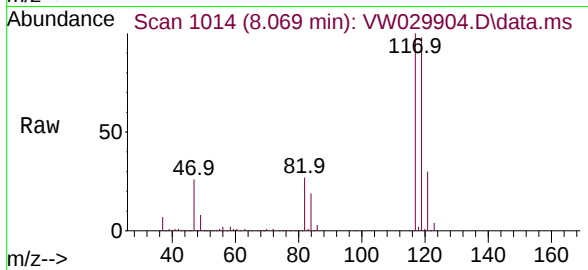
ClientSampleId :

Tgt Ion:117 Resp: 115742

Ion Ratio Lower Upper

117 100

119 95.5 74.8 112.2



#33

Benzene

Concen: 25.116 ug/L

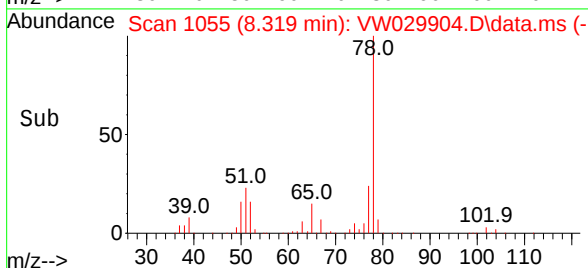
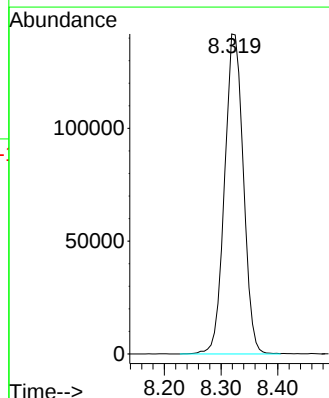
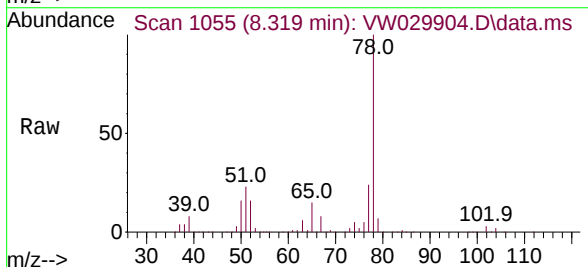
RT: 8.319 min Scan# 1055

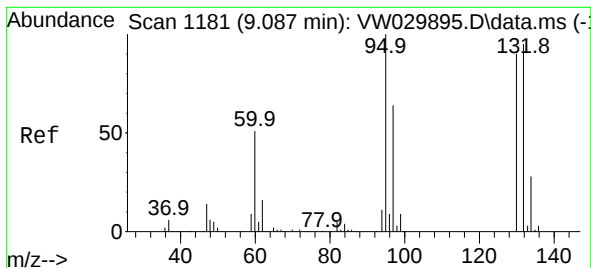
Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Tgt Ion: 78 Resp: 326226





#34

Trichloroethene

Concen: 25.381 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 86423

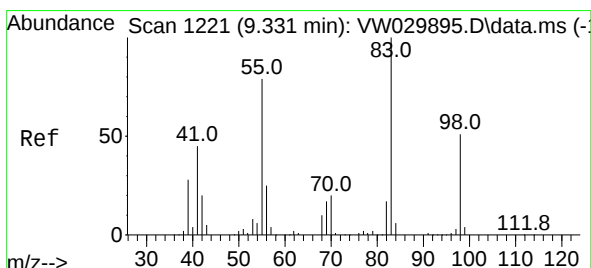
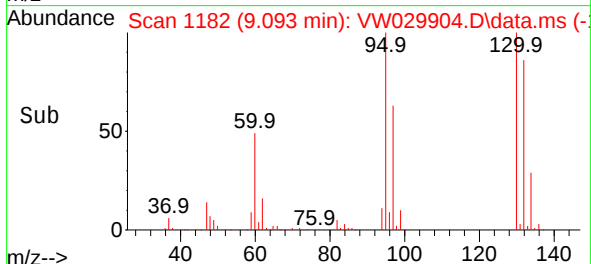
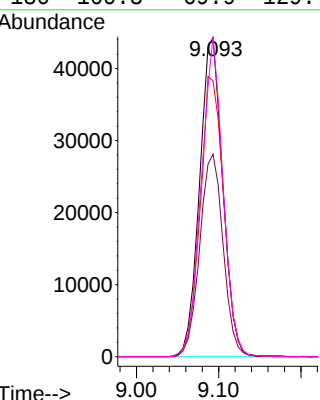
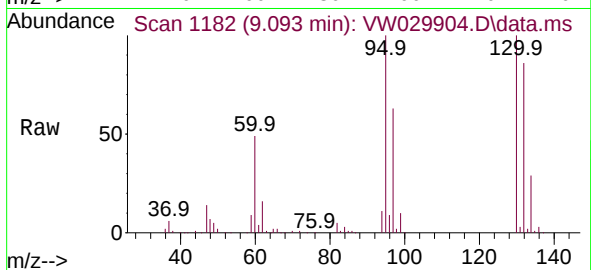
Ion Ratio Lower Upper

95 100

97 63.4 45.6 84.8

132 86.4 65.2 121.0

130 100.3 69.9 129.7



#35

Methylcyclohexane

Concen: 22.449 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

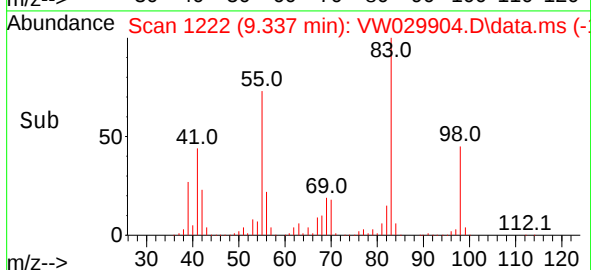
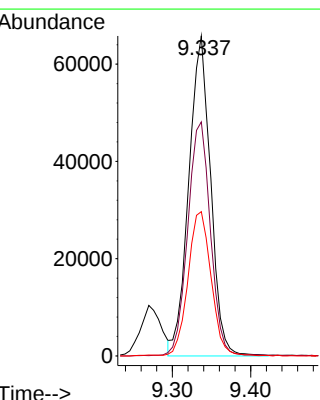
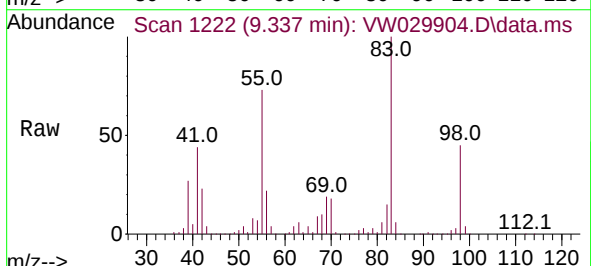
Tgt Ion: 83 Resp: 127371

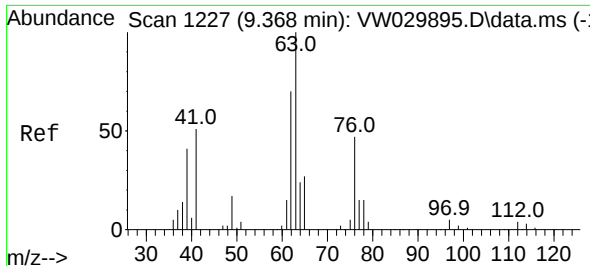
Ion Ratio Lower Upper

83 100

55 75.3 67.4 101.2

98 47.7 36.7 55.1





#37

1,2-Dichloropropane

Concen: 23.939 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

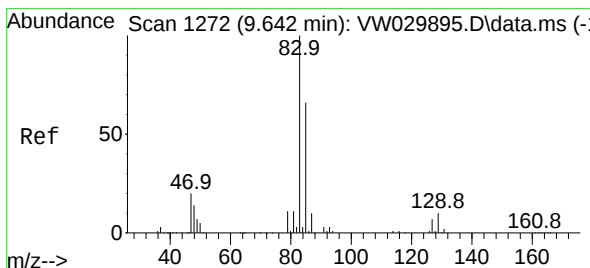
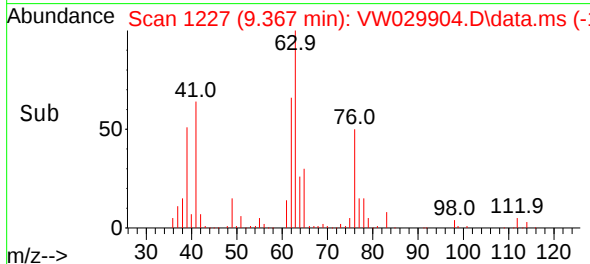
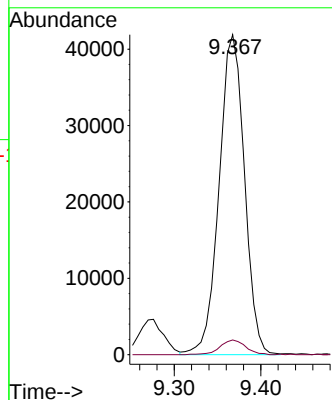
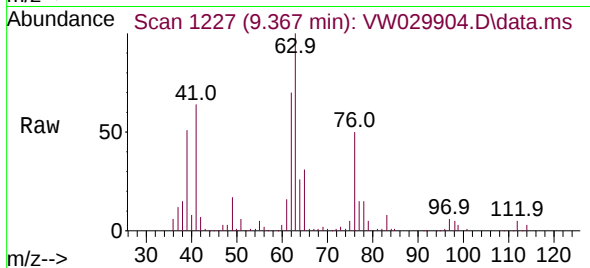
ClientSampleId :

Tgt Ion: 63 Resp: 85210

Ion Ratio Lower Upper

63 100

112 4.7 3.3 4.9



#38

Bromodichloromethane

Concen: 26.941 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

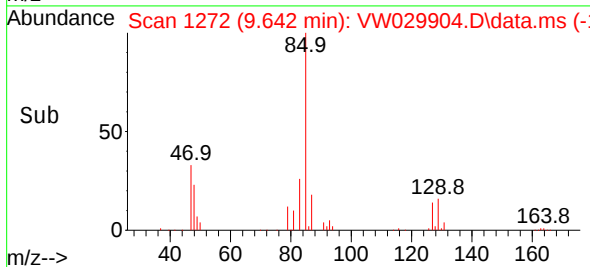
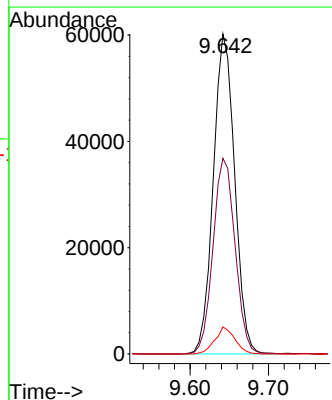
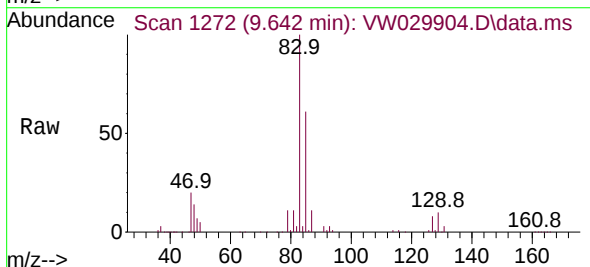
Tgt Ion: 83 Resp: 114197

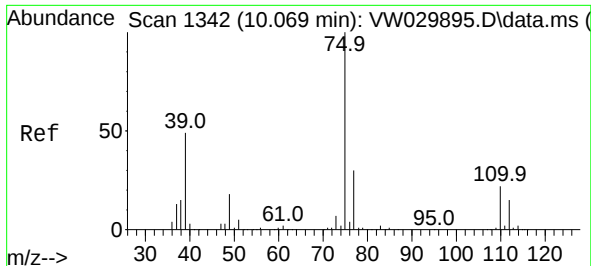
Ion Ratio Lower Upper

83 100

85 61.1 46.6 86.6

127 8.4 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 24.458 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

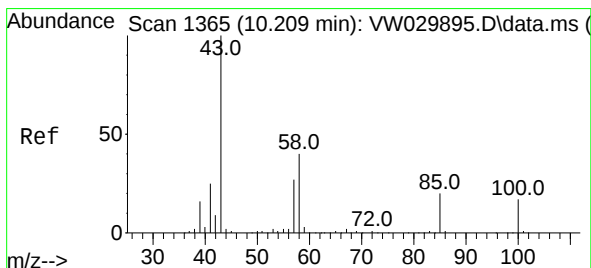
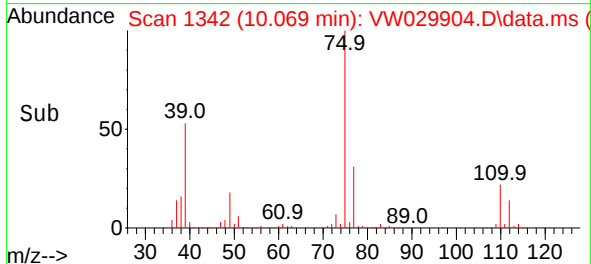
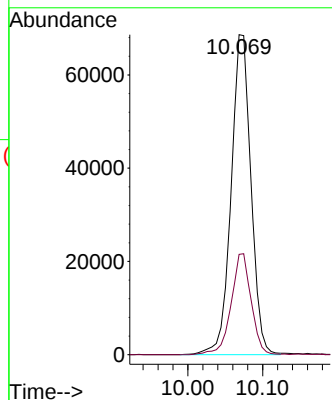
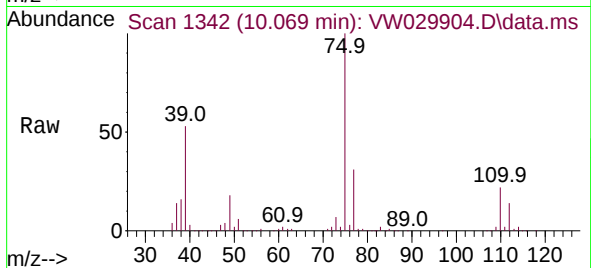
ClientSampleId :

Tgt Ion: 75 Resp: 126785

Ion Ratio Lower Upper

75 100

77 31.4 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 38.725 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

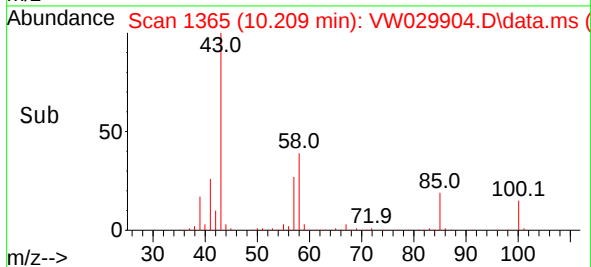
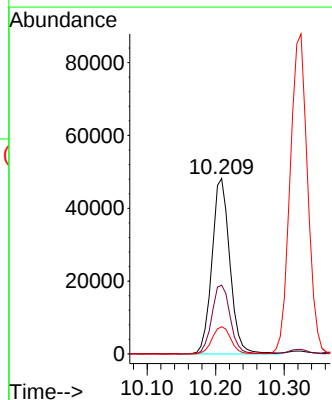
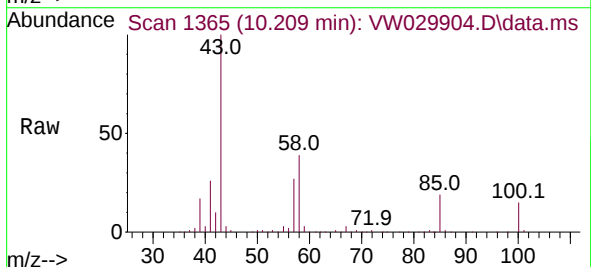
Tgt Ion: 43 Resp: 87553

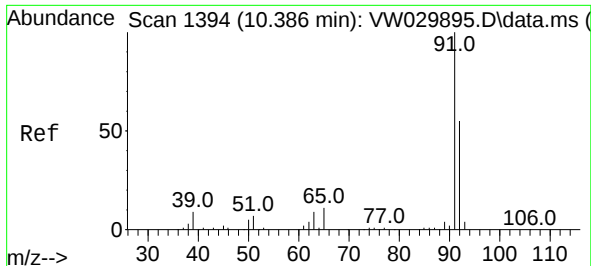
Ion Ratio Lower Upper

43 100

58 40.0 28.7 43.1

100 16.2 10.0 15.0#





#42

Toluene

Concen: 26.558 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

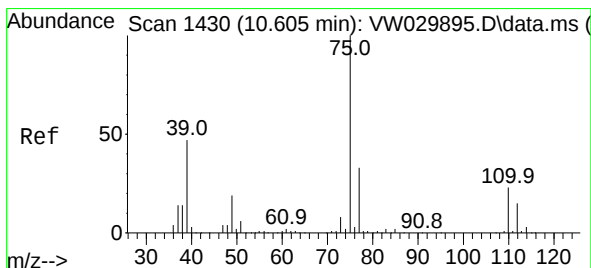
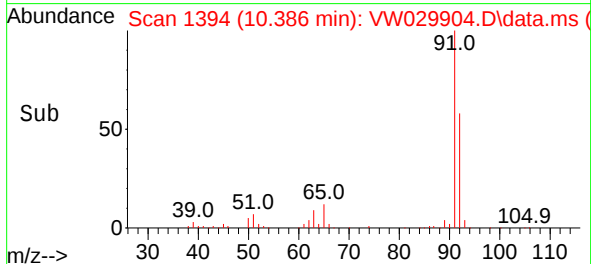
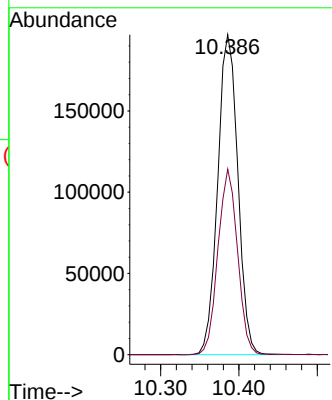
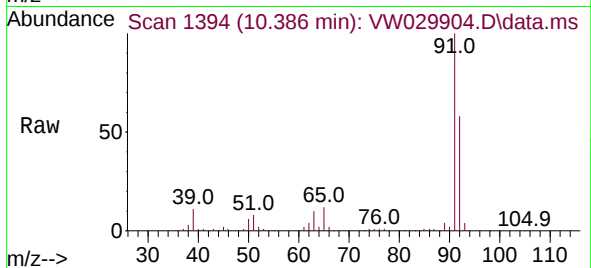
ClientSampleId :

Tgt Ion: 91 Resp: 352114

Ion Ratio Lower Upper

91 100

92 58.0 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 25.125 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029904.D

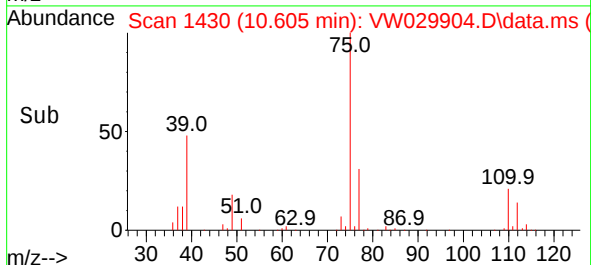
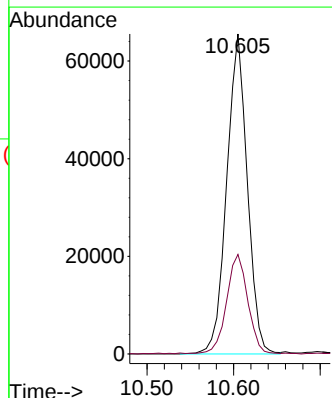
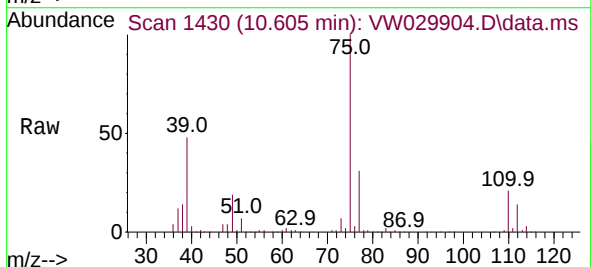
Acq: 15 Aug 2024 09:28

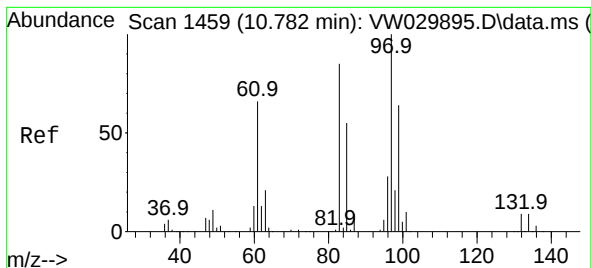
Tgt Ion: 75 Resp: 108120

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 27.277 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 65226

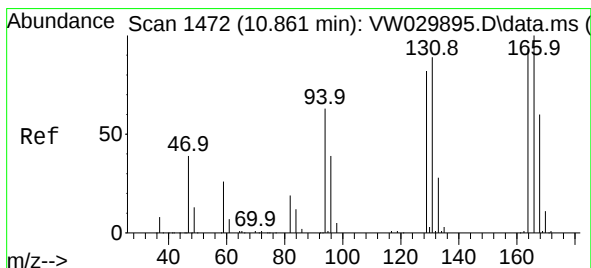
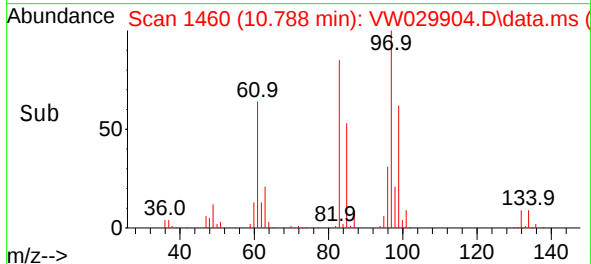
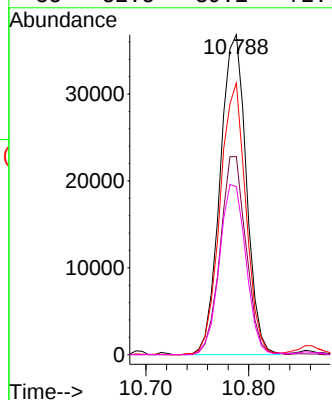
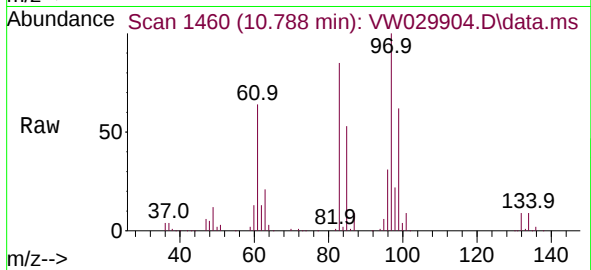
Ion Ratio Lower Upper

97 100

99 61.9 40.1 74.5

83 84.9 58.5 108.7

85 52.5 39.1 72.7



#46

Tetrachloroethene

Concen: 23.896 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Tgt Ion:164 Resp: 59140

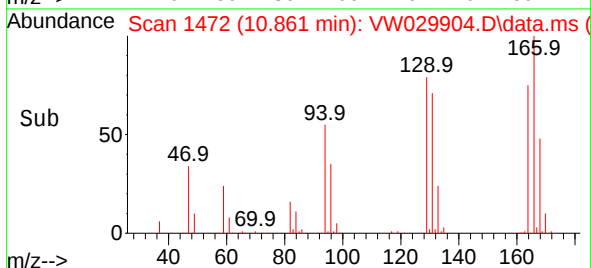
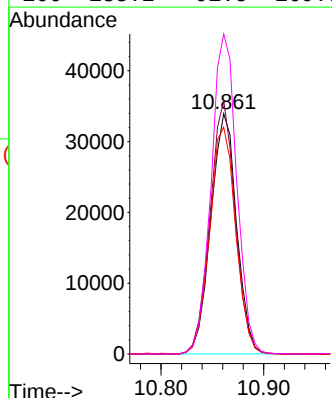
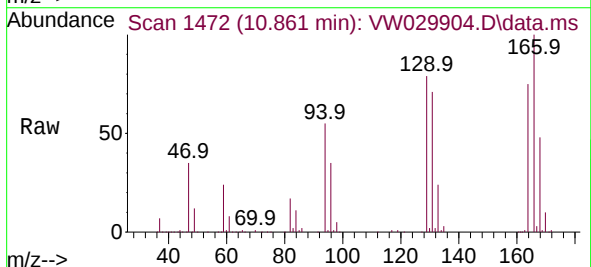
Ion Ratio Lower Upper

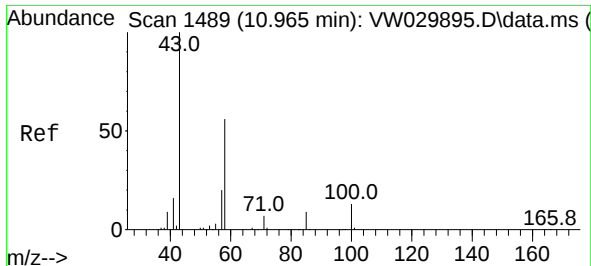
164 100

129 105.5 77.8 144.6

131 94.4 70.9 131.7

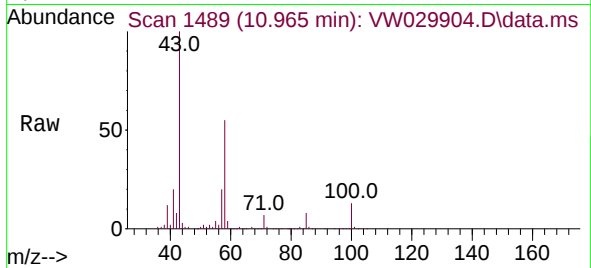
166 133.2 91.5 169.9



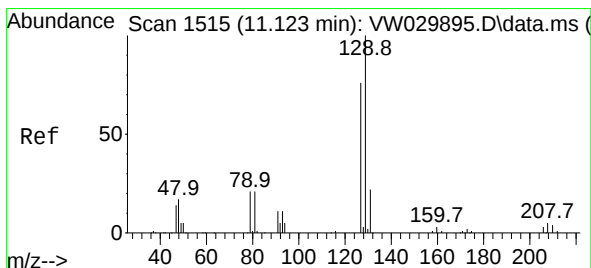
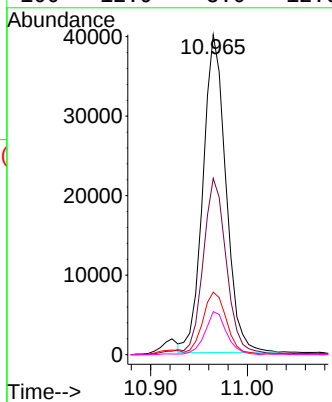
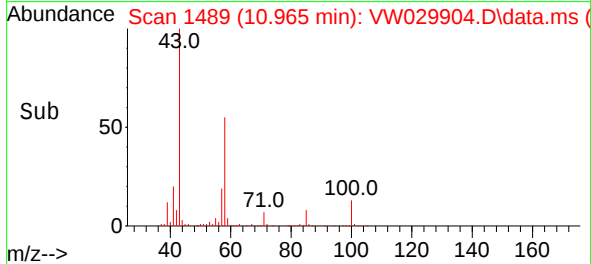


#48
2-Hexanone
Concen: 38.965 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029904.D
Acq: 15 Aug 2024 09:28

Instrument :
MSVOA_W
ClientSampleId :

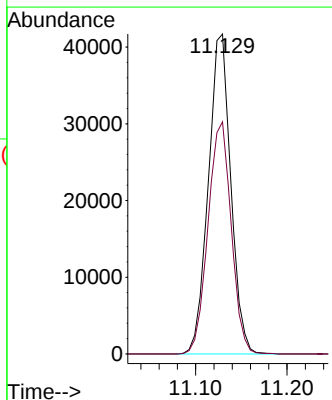
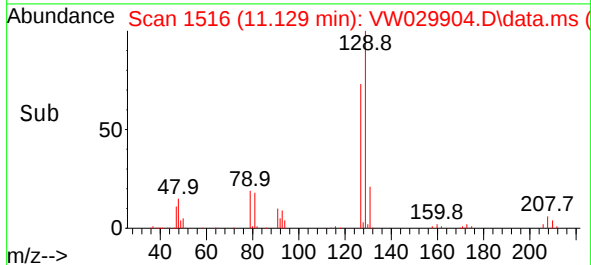
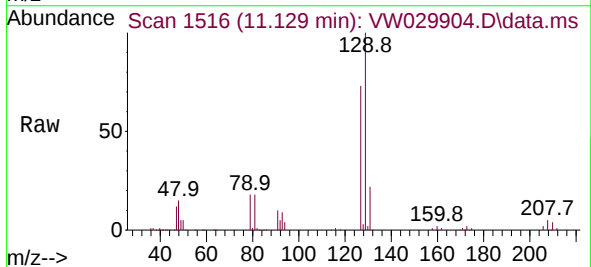


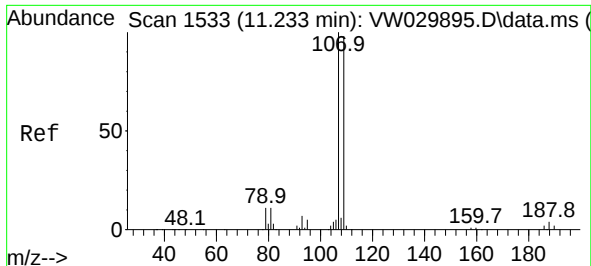
Tgt Ion: 43 Resp: 65981
Ion Ratio Lower Upper
43 100
58 56.1 41.0 61.4
57 20.6 14.1 21.1
100 12.9 8.0 12.0#



#49
Dibromochloromethane
Concen: 28.637 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029904.D
Acq: 15 Aug 2024 09:28

Tgt Ion: 129 Resp: 71089
Ion Ratio Lower Upper
129 100
127 72.6 52.4 97.2





#50

1,2-Dibromoethane

Concen: 26.303 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

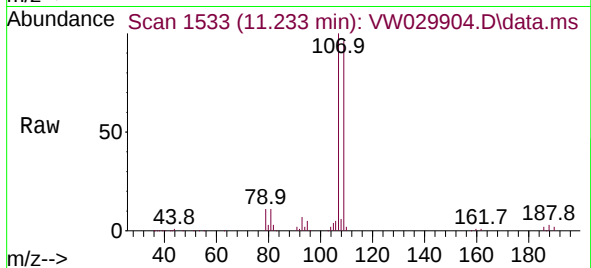
Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :



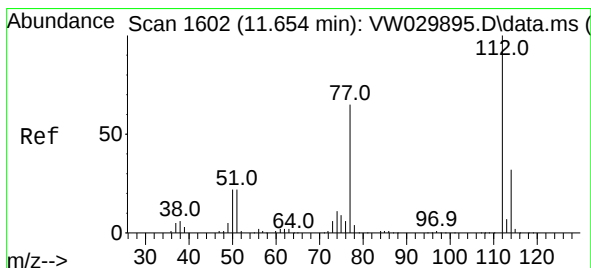
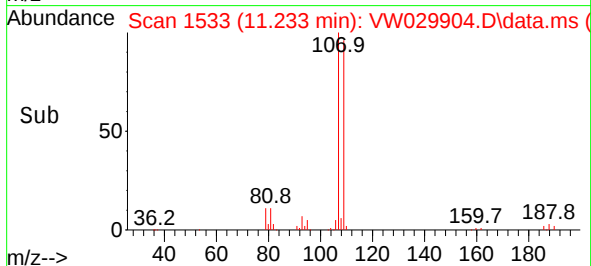
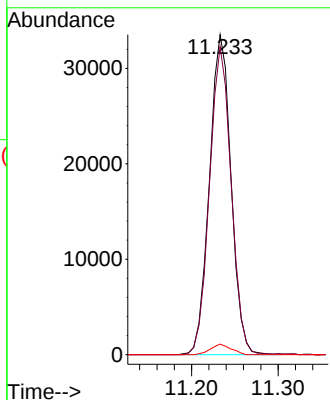
Tgt Ion:107 Resp: 58196

Ion Ratio Lower Upper

107 100

109 96.3 64.8 120.3

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 26.652 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

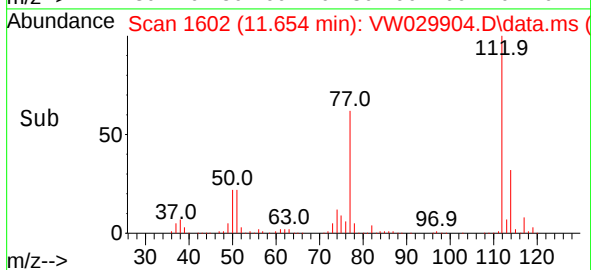
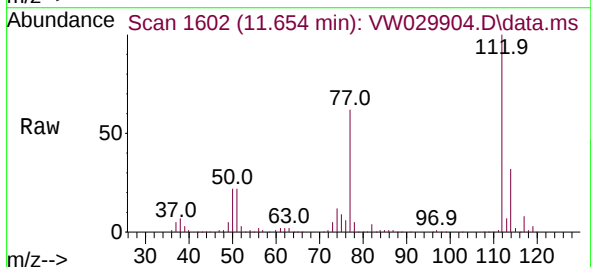
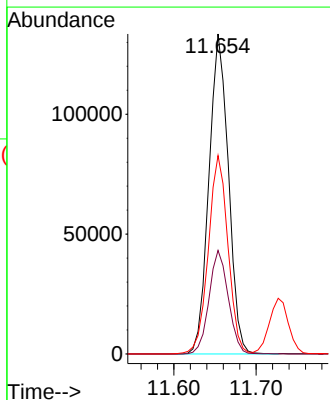
Tgt Ion:112 Resp: 219801

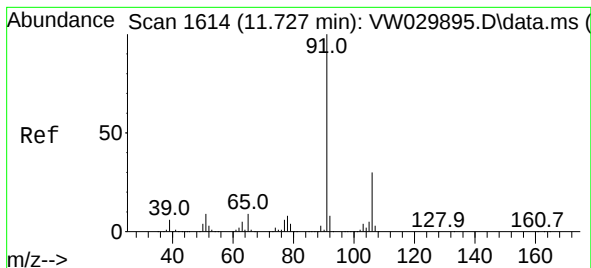
Ion Ratio Lower Upper

112 100

114 32.4 22.0 40.8

77 62.0 53.8 80.8

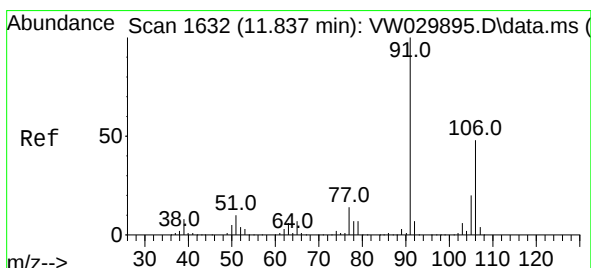
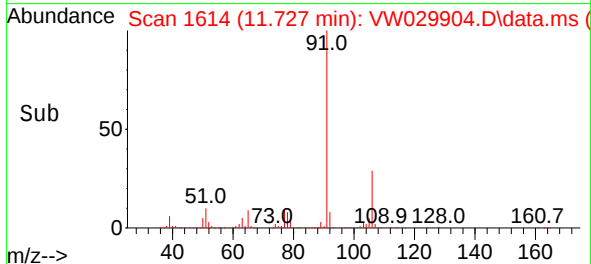
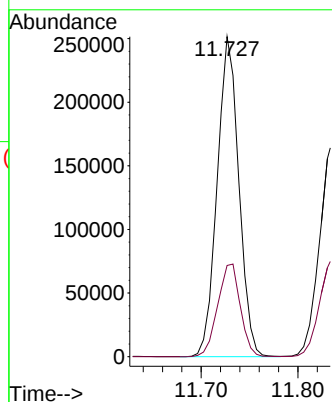
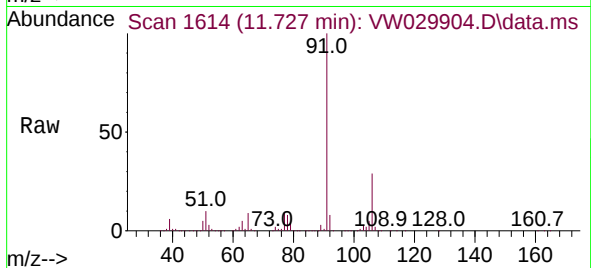




#52
Ethylbenzene
Concen: 26.137 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029904.D
Acq: 15 Aug 2024 09:28

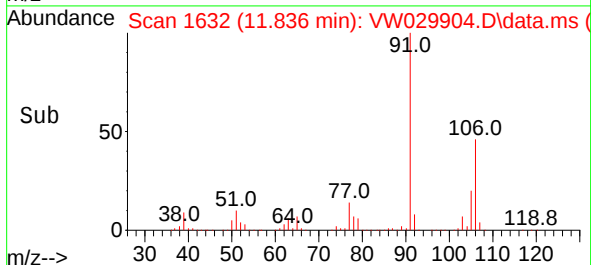
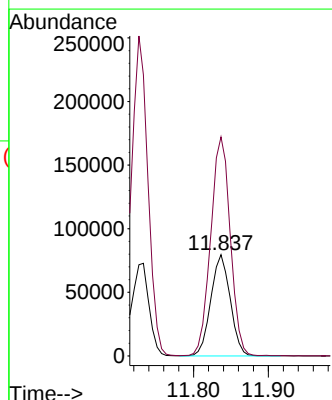
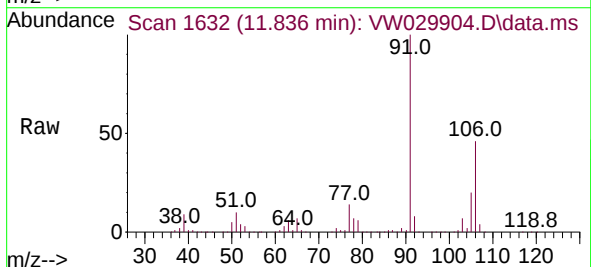
Instrument :
MSVOA_W
ClientSampleId :

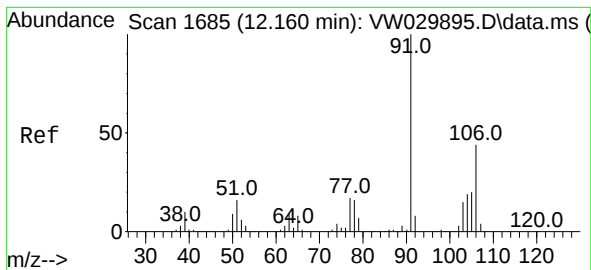
Tgt Ion: 91 Resp: 390888
Ion Ratio Lower Upper
91 100
106 28.5 20.4 38.0



#53
m,p-Xylene
Concen: 26.168 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029904.D
Acq: 15 Aug 2024 09:28

Tgt Ion:106 Resp: 143930
Ion Ratio Lower Upper
106 100
91 216.3 151.4 281.2





#54

o-Xylene

Concen: 27.083 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

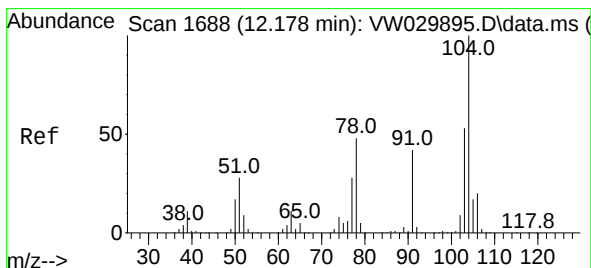
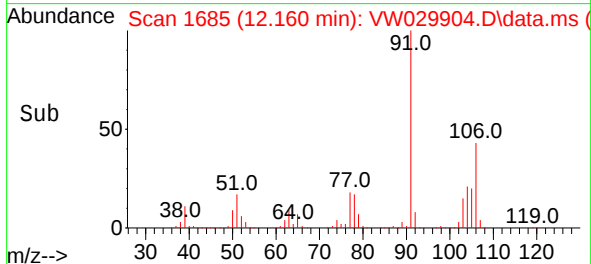
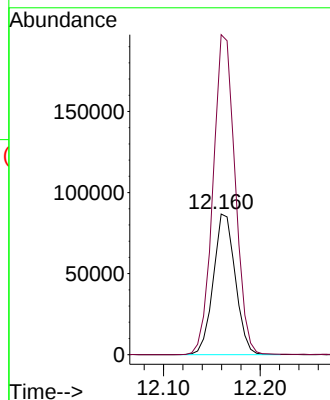
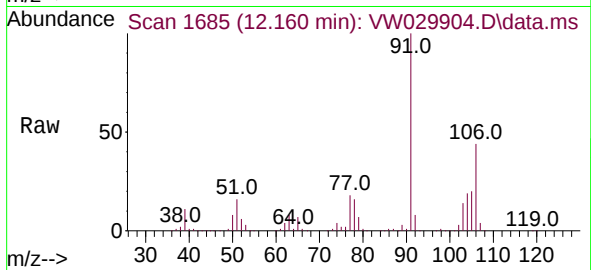
ClientSampleId :

Tgt Ion:106 Resp: 137178

Ion Ratio Lower Upper

106 100

91 227.6 155.8 289.4



#55

Styrene

Concen: 27.754 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029904.D

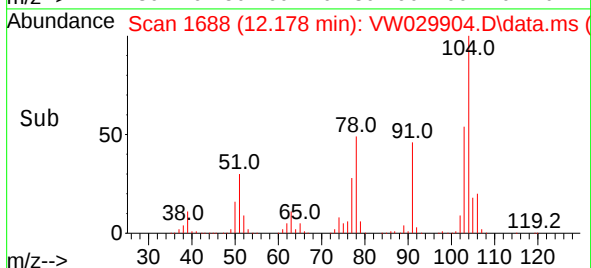
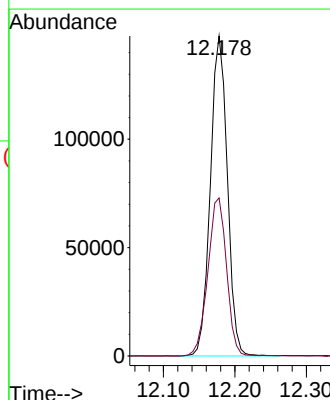
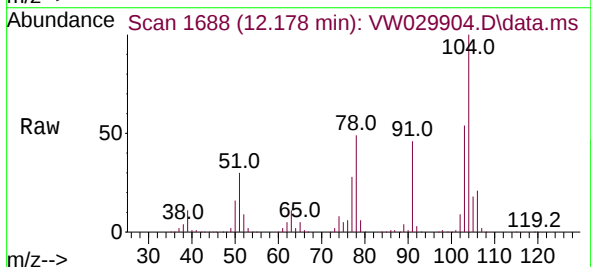
Acq: 15 Aug 2024 09:28

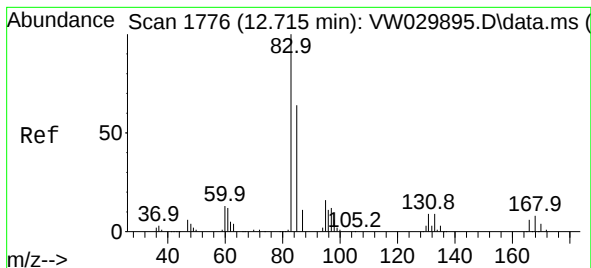
Tgt Ion:104 Resp: 243666

Ion Ratio Lower Upper

104 100

78 49.4 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.236 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

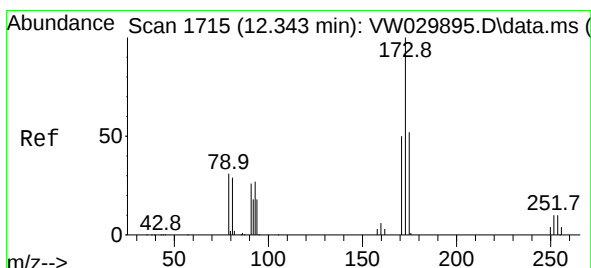
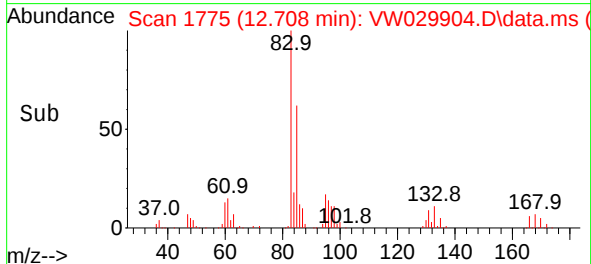
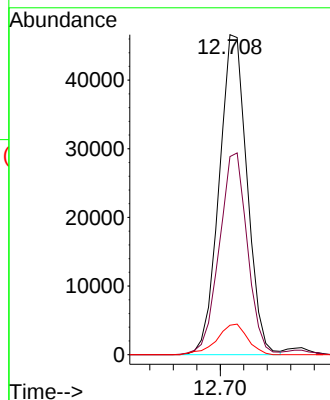
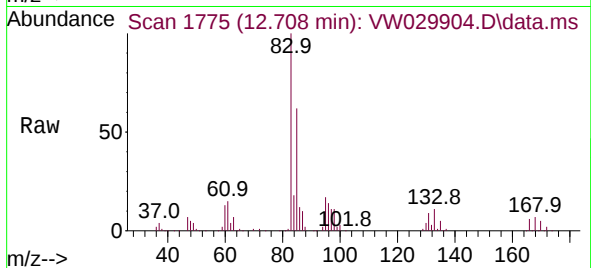
Tgt Ion: 83 Resp: 77002

Ion Ratio Lower Upper

83 100

85 61.9 44.2 82.0

131 9.2 6.2 9.2



#59

Bromoform

Concen: 26.063 ug/L

RT: 12.342 min Scan# 1715

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

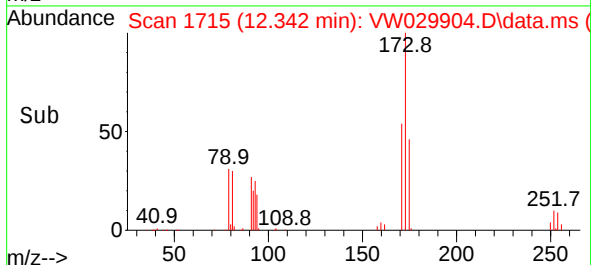
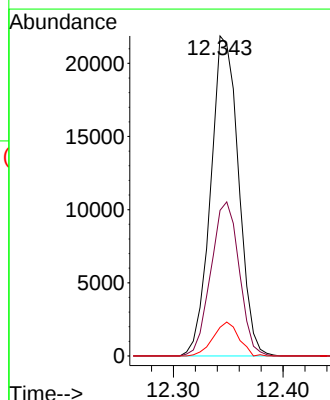
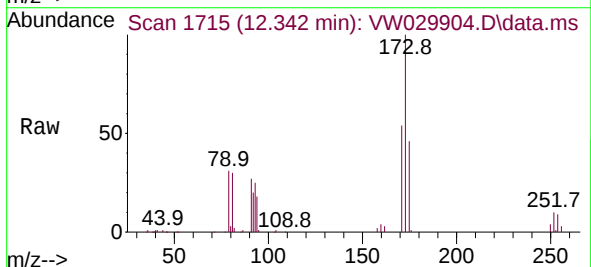
Tgt Ion:173 Resp: 38613

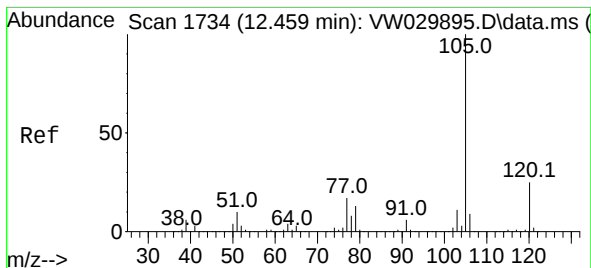
Ion Ratio Lower Upper

173 100

175 48.9 38.1 57.1

254 9.7 7.8 11.6





#60

Isopropylbenzene

Concen: 25.681 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

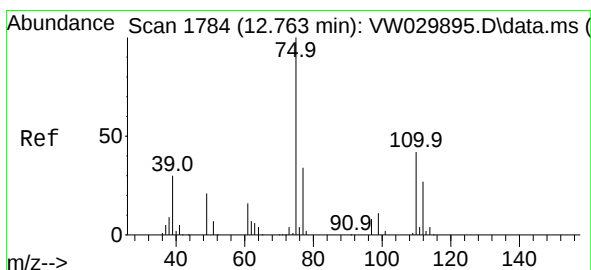
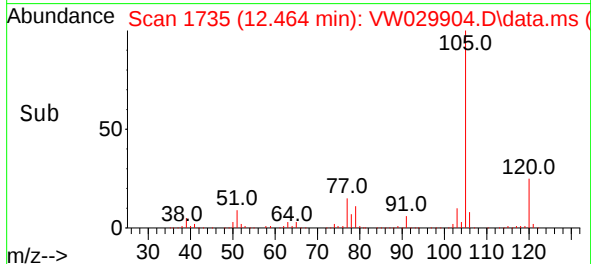
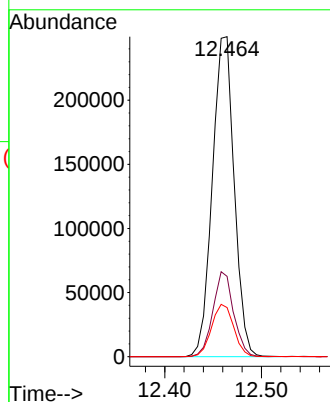
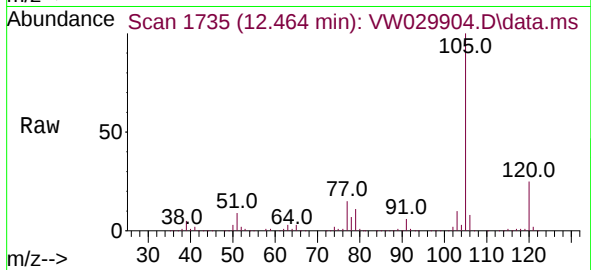
Tgt Ion:105 Resp: 391265

Ion Ratio Lower Upper

105 100

120 25.1 20.3 30.5

77 16.6 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 22.595 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

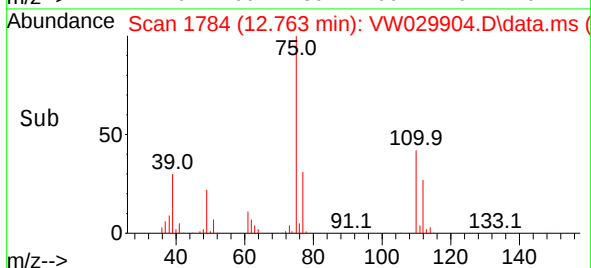
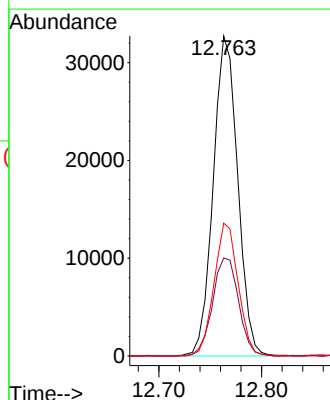
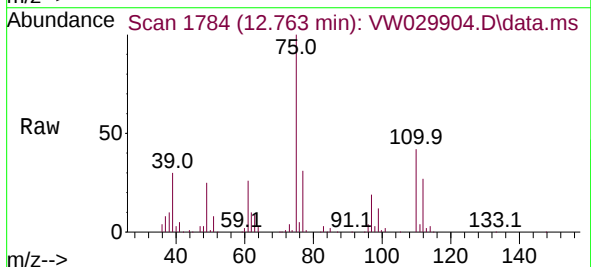
Tgt Ion: 75 Resp: 54107

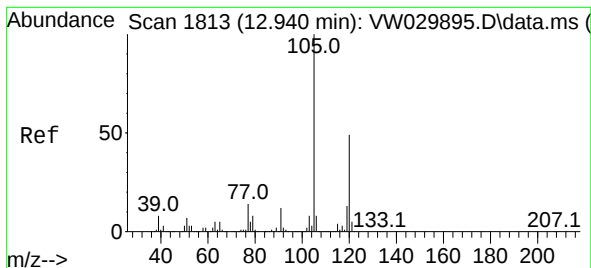
Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.0

110 40.7 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 27.723 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

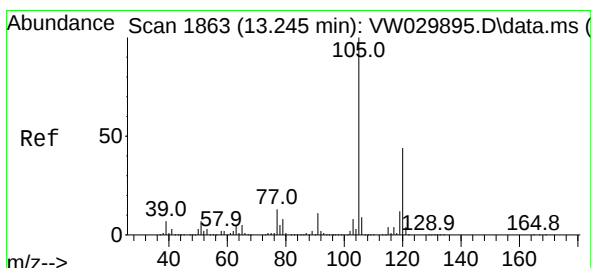
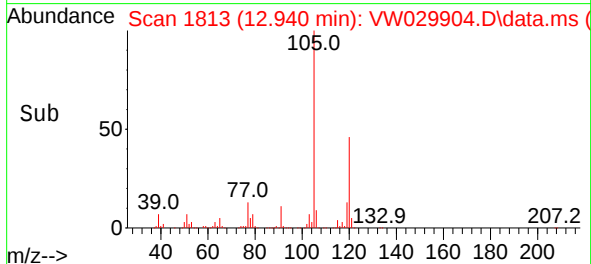
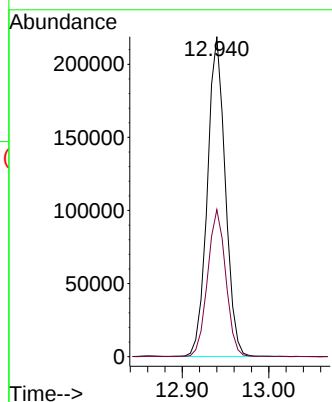
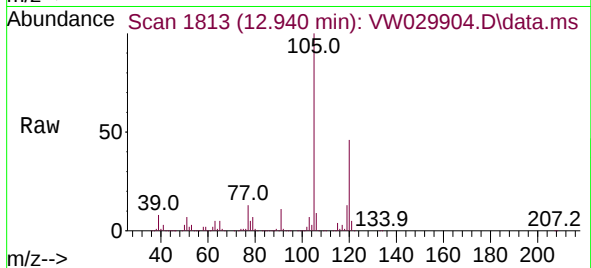
ClientSampleId :

Tgt Ion:105 Resp: 313951

Ion Ratio Lower Upper

105 100

120 46.7 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 25.468 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029904.D

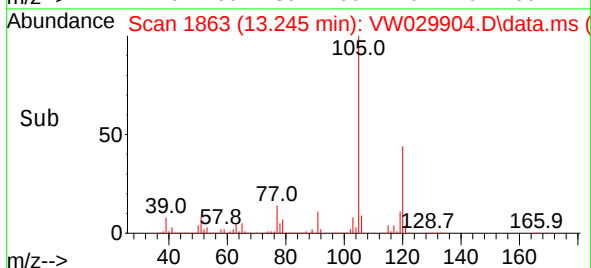
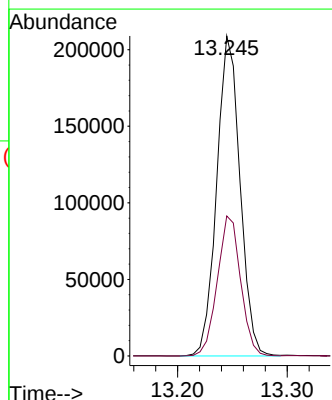
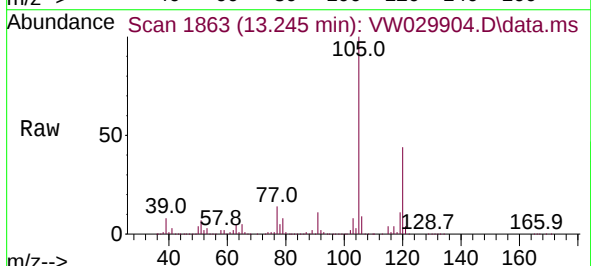
Acq: 15 Aug 2024 09:28

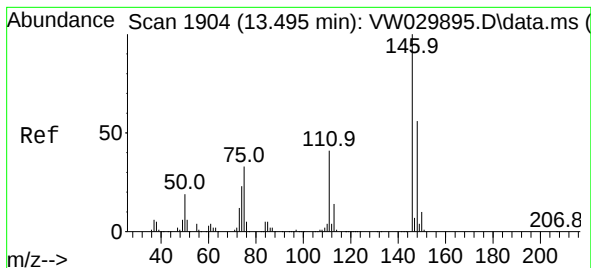
Tgt Ion:105 Resp: 308453

Ion Ratio Lower Upper

105 100

120 43.7 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 25.075 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

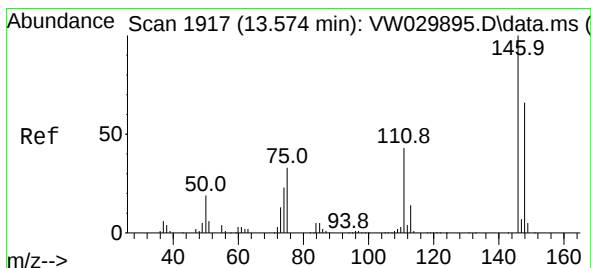
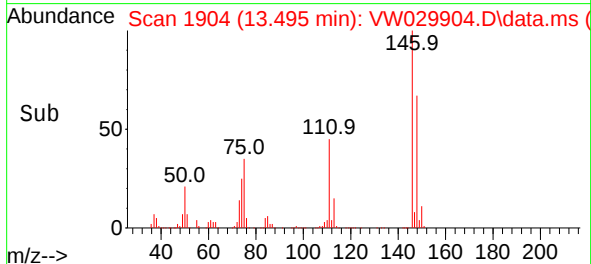
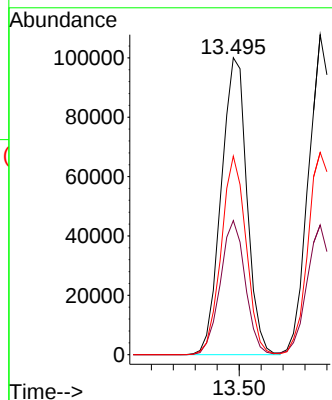
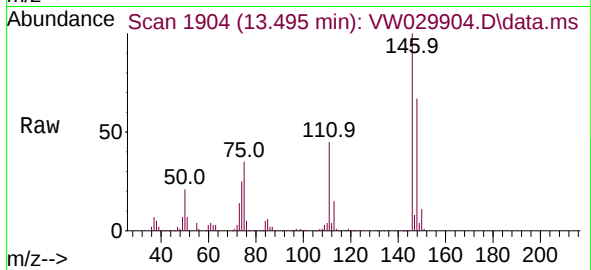
Tgt Ion:146 Resp: 162996

Ion Ratio Lower Upper

146 100

111 45.2 28.7 53.3

148 66.9 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 25.613 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

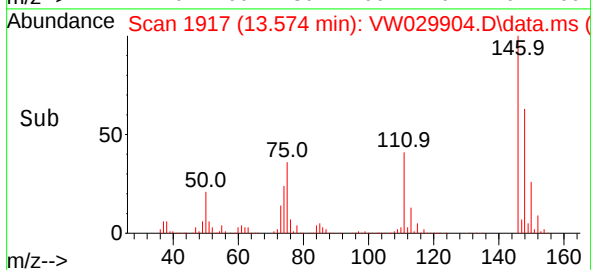
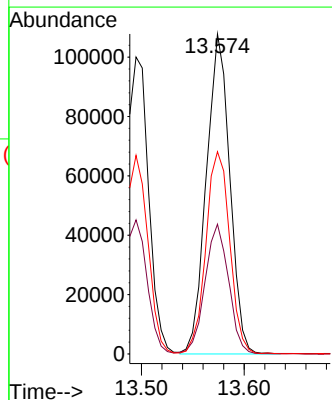
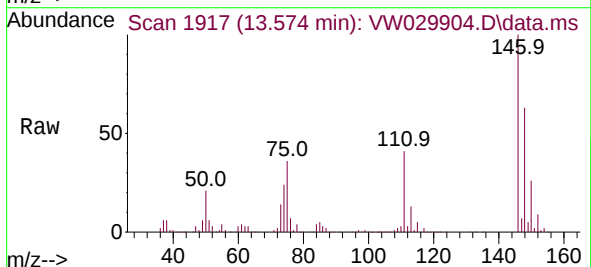
Tgt Ion:146 Resp: 171026

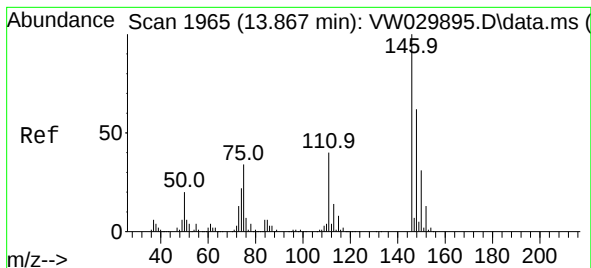
Ion Ratio Lower Upper

146 100

111 40.5 30.1 55.9

148 63.2 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 25.563 ug/L

RT: 13.867 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

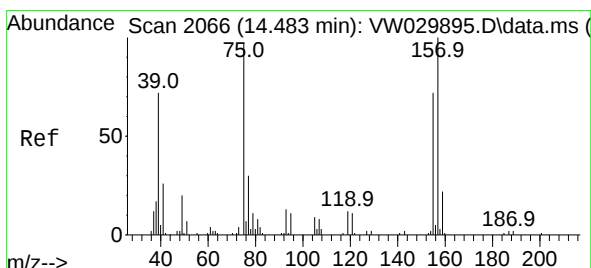
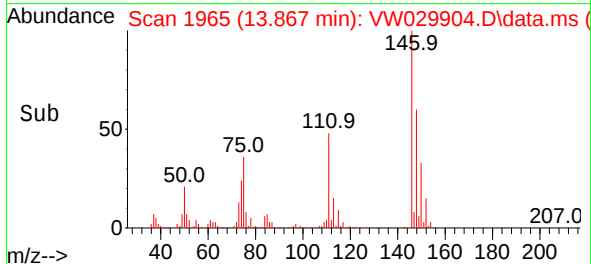
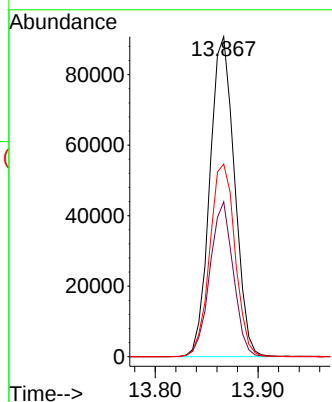
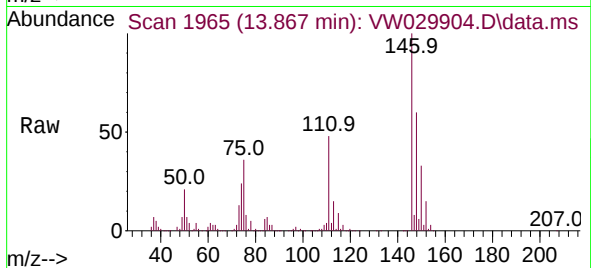
Tgt Ion:146 Resp: 151285

Ion Ratio Lower Upper

146 100

111 48.4 35.8 53.8

148 60.2 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 21.470 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

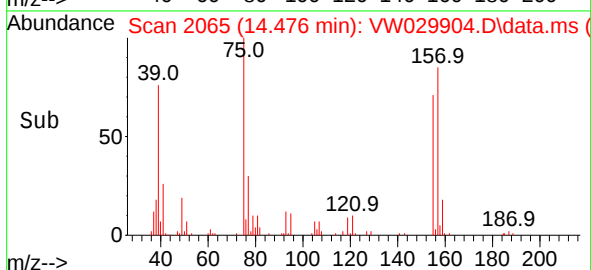
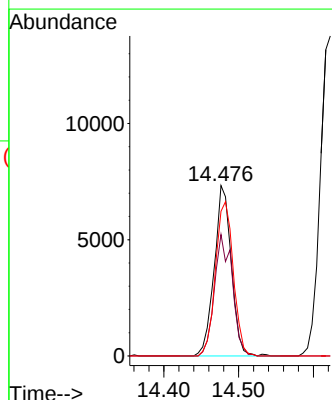
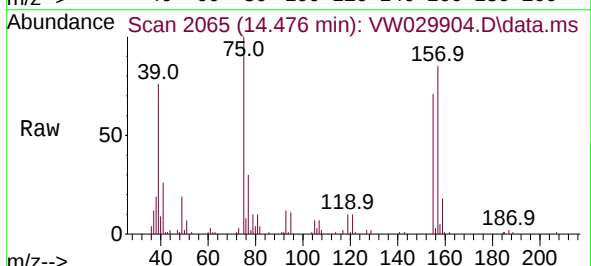
Tgt Ion: 75 Resp: 11674

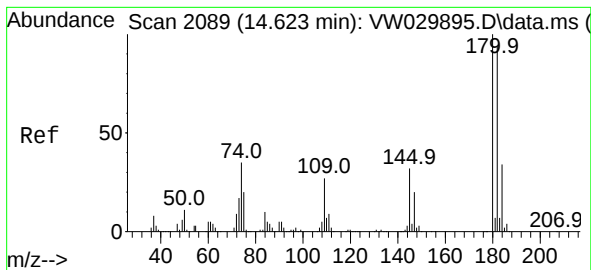
Ion Ratio Lower Upper

75 100

155 71.3 47.8 71.6

157 84.9 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 24.105 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

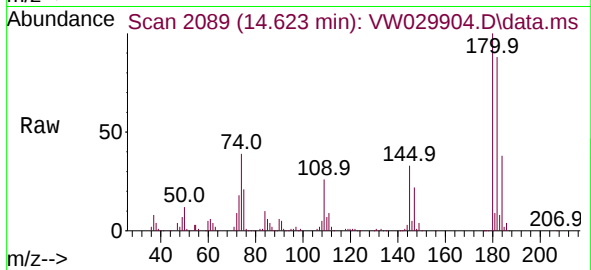
Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 107206

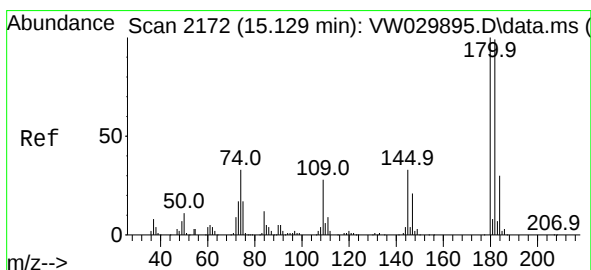
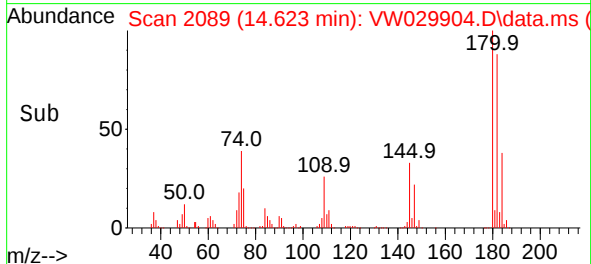
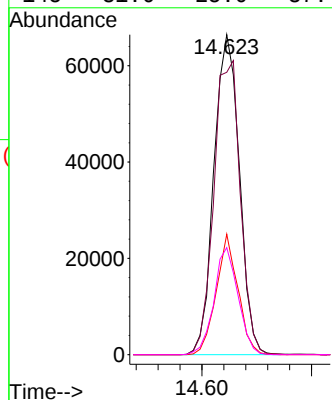
Ion Ratio Lower Upper

180 100

182 95.8 72.7 109.1

184 32.1 23.3 34.9

145 31.6 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 23.133 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029904.D

Acq: 15 Aug 2024 09:28

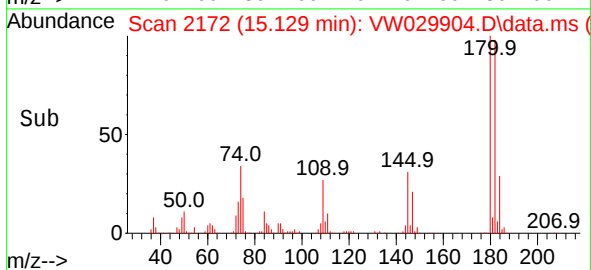
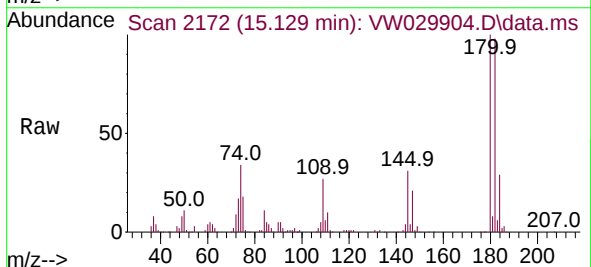
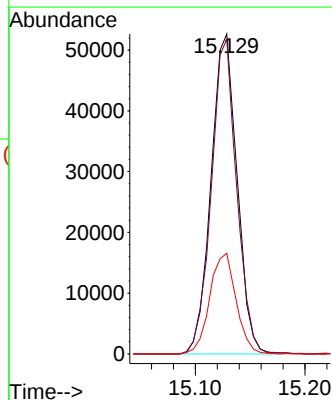
Tgt Ion:180 Resp: 86677

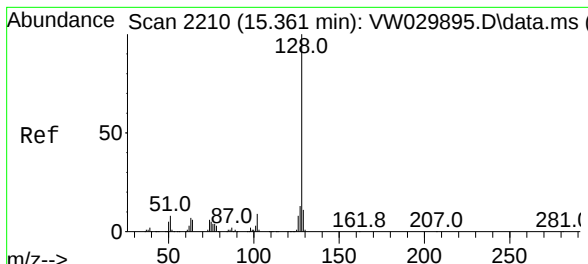
Ion Ratio Lower Upper

180 100

182 95.7 80.2 120.4

145 31.9 26.3 39.5



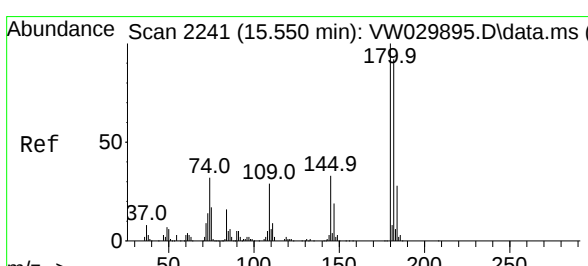
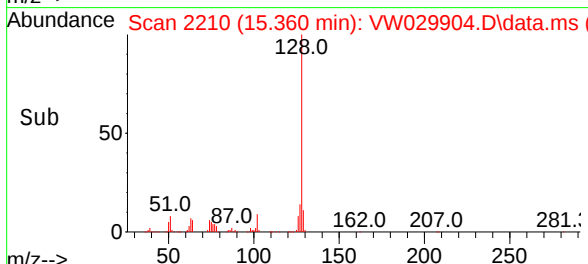
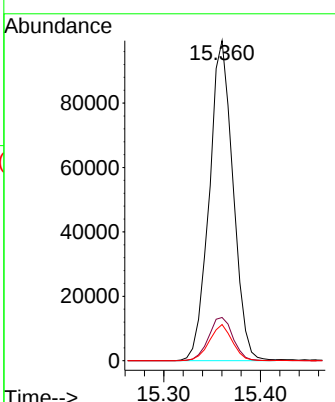
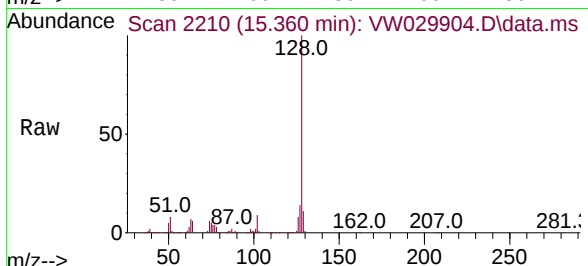


#71
Naphthalene
Concen: 23.714 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029904.D
Acq: 15 Aug 2024 09:28

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 169543

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.7	16.1
129	10.9	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 23.925 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW029904.D
Acq: 15 Aug 2024 09:28

Tgt Ion:180 Resp: 81138

Ion	Ratio	Lower	Upper
180	100		
182	95.2	74.0	111.0
145	34.3	27.5	41.3

