

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061424\
 Data File : VW029146.D
 Acq On : 14 Jun 2024 08:55
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 15 00:17:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 14 05:21:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	256854	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	234699	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	118742	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	90265	22.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.480%
7) Chloroethane-d5	2.899	69	72823	23.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.960%
11) 1,1-Dichloroethene-d2	4.021	65	40816	22.758	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.040%
21) 2-Butanone-d5	7.075	46	49015	58.792	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.580%
24) Chloroform-d	7.648	84	191447	26.126	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.520%
26) 1,2-Dichloroethane-d4	8.306	65	103277	26.771	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.080%
32) Benzene-d6	8.270	84	355188	24.657	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.640%
36) 1,2-Dichloropropane-d6	9.270	67	110768	25.361	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.440%
41) Toluene-d8	10.318	98	311262	24.214	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.840%
43) trans-1,3-Dichloroprop...	10.574	79	41952	24.997	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.000%
47) 2-Hexanone-d5	10.922	63	33494	58.112	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85817	28.283	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	99733	23.669	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	59166	20.172	ug/L	92
3) Chloromethane	2.222	50	85940	23.984	ug/L	99
5) Vinyl chloride	2.375	62	101622	23.429	ug/L	99
6) Bromomethane	2.789	94	61649	23.722	ug/L	92
8) Chloroethane	2.935	64	65806	25.122	ug/L	98
9) Trichlorofluoromethane	3.271	101	87373	24.233	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	89551	25.172	ug/L	98
12) 1,1-Dichloroethene	4.045	96	81083	24.974	ug/L	91
13) Acetone	4.118	43	56770	64.978	ug/L	98
14) Carbon disulfide	4.386	76	255628	23.256	ug/L	100
15) Methyl Acetate	4.667	43	39198	27.013	ug/L	98
16) Methylene chloride	4.917	84	92286	23.940	ug/L	89
17) trans-1,2-Dichloroethene	5.429	96	88195	24.915	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	128739	26.080	ug/L #	88
19) 1,1-Dichloroethane	6.215	63	181694	26.107	ug/L	100
20) cis-1,2-Dichloroethene	7.166	96	95380	25.701	ug/L	97
22) 2-Butanone	7.166	43	62644	59.503	ug/L	98
23) Bromochloromethane	7.514	128	40779	25.173	ug/L	96
25) Chloroform	7.672	83	178825	26.456	ug/L	94

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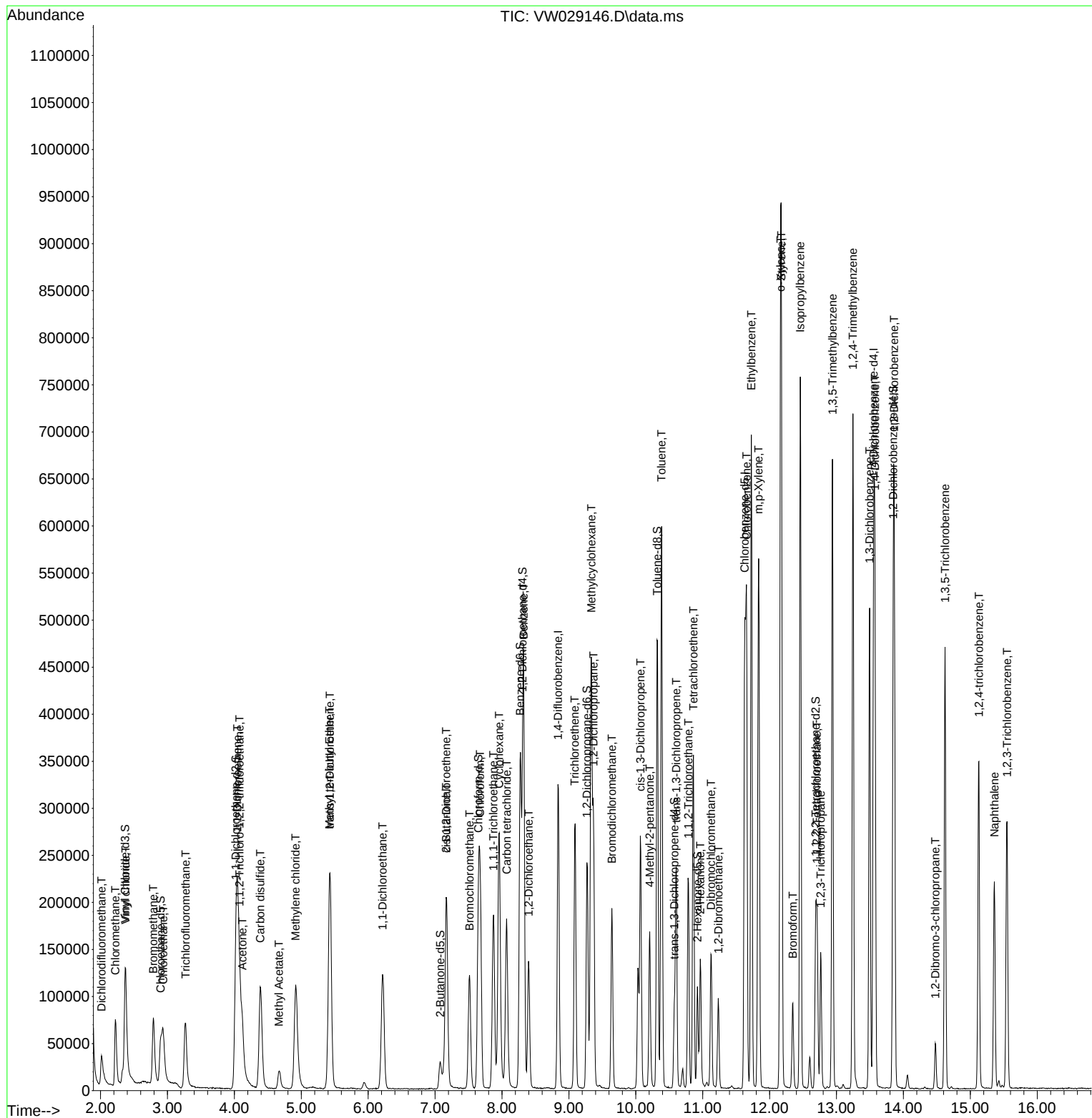
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	122195	26.976	ug/L	99
29) Cyclohexane	7.959	56	152754	26.177	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	145627	26.780	ug/L	99
31) Carbon tetrachloride	8.069	117	132120	26.674	ug/L	96
33) Benzene	8.325	78	379564	26.009	ug/L	100
34) Trichloroethene	9.087	95	98199	25.595	ug/L	96
35) Methylcyclohexane	9.337	83	172600	26.519	ug/L	99
37) 1,2-Dichloropropane	9.367	63	101057	26.444	ug/L	99
38) Bromodichloromethane	9.642	83	124696	26.754	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	150055	27.018	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	112007	57.622	ug/L	98
42) Toluene	10.385	91	409466	27.466	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	123289	27.536	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	67174	26.026	ug/L	94
46) Tetrachloroethene	10.861	164	75341	25.847	ug/L	95
48) 2-Hexanone	10.964	43	90261	61.934	ug/L	98
49) Dibromochloromethane	11.123	129	72487	26.590	ug/L	93
50) 1,2-Dibromoethane	11.233	107	60420	25.644	ug/L #	98
51) Chlorobenzene	11.653	112	239894	25.050	ug/L	95
52) Ethylbenzene	11.727	91	447771	26.435	ug/L	96
53) m,p-Xylene	11.836	106	171103	27.272	ug/L	96
54) o-Xylene	12.165	106	157454	27.104	ug/L	99
55) Styrene	12.178	104	277316	27.688	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	79049	27.131	ug/L	99
59) Bromoform	12.348	173	38867	25.455	ug/L	99
60) Isopropylbenzene	12.458	105	453427	26.982	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	58755	26.232	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	342677	28.037	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	354661	27.457	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	187456	25.957	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	187822	24.902	ug/L	88
67) 1,2-Dichlorobenzene	13.860	146	168318	26.005	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	12774	26.757	ug/L	90
69) 1,3,5-Trichlorobenzene	14.622	180	126538	25.520	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	105271	26.195	ug/L	96
71) Naphthalene	15.360	128	180491	26.360	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	91630	26.687	ug/L	99

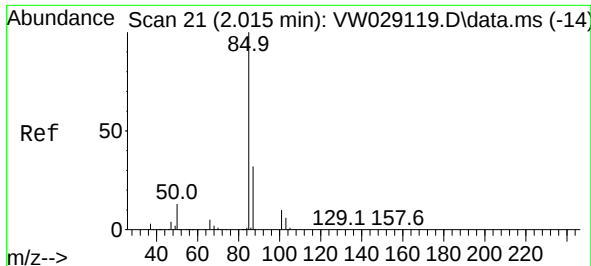
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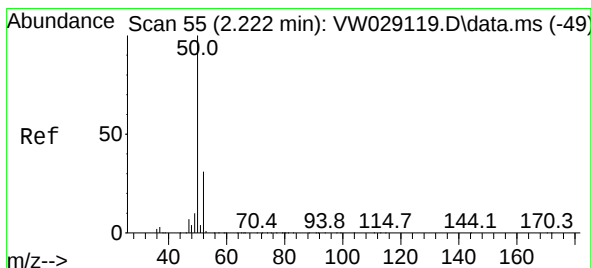
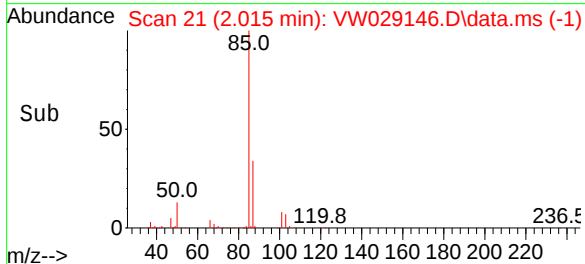
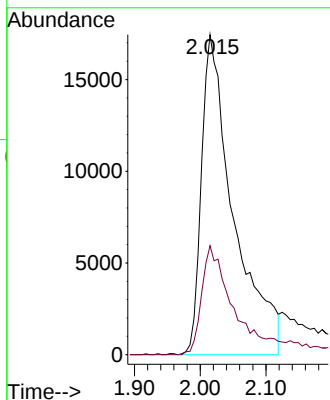
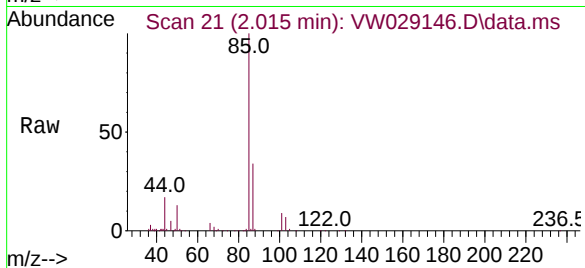




#2
 Dichlorodifluoromethane
 Concen: 20.172 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029146.D
 Acq: 14 Jun 2024 08:55

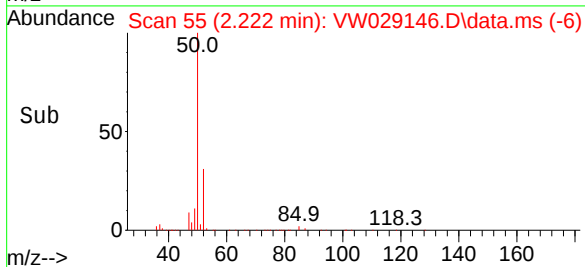
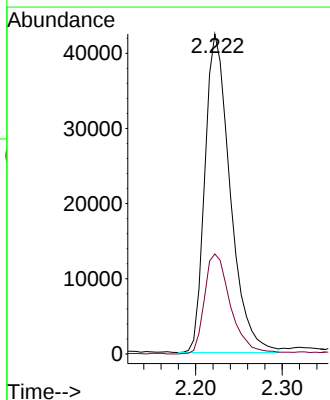
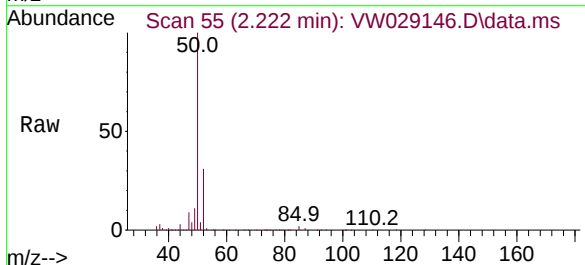
Instrument :
 MSVOA_W
 ClientSampleId :

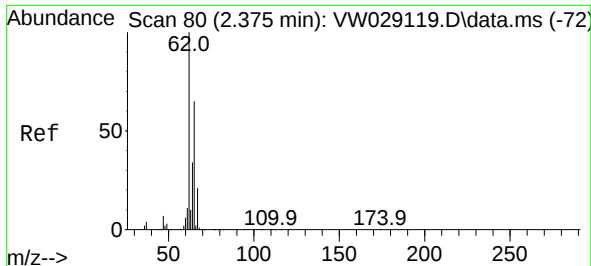
Tgt Ion: 85 Resp: 59166
 Ion Ratio Lower Upper
 85 100
 87 27.4 25.3 37.9



#3
 Chloromethane
 Concen: 23.984 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029146.D
 Acq: 14 Jun 2024 08:55

Tgt Ion: 50 Resp: 85940
 Ion Ratio Lower Upper
 50 100
 52 31.2 22.1 41.1

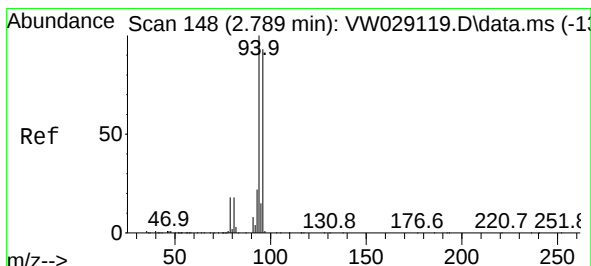
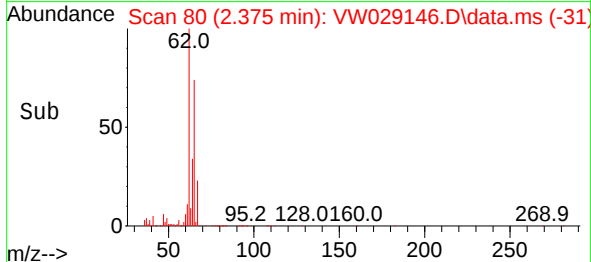
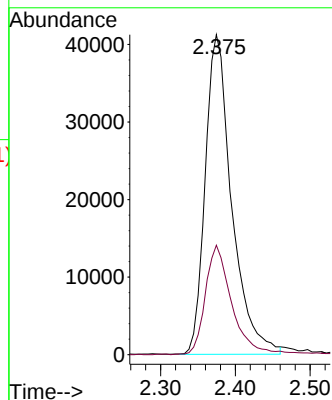
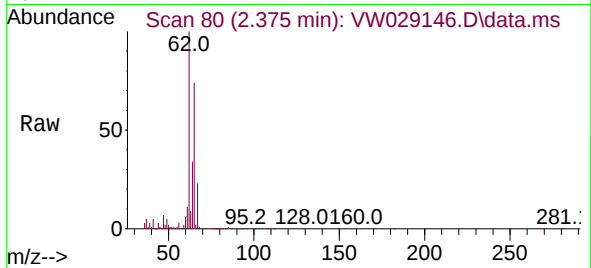




#5
 Vinyl chloride
 Concen: 23.429 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029146.D
 Acq: 14 Jun 2024 08:55

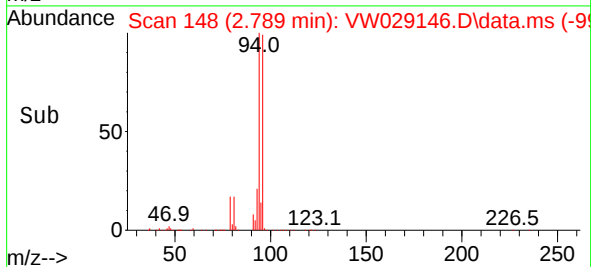
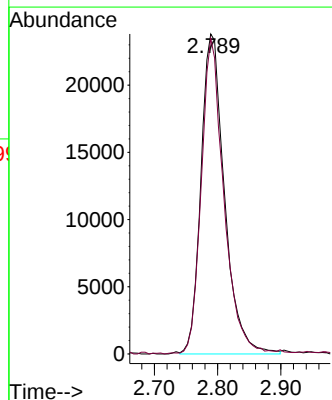
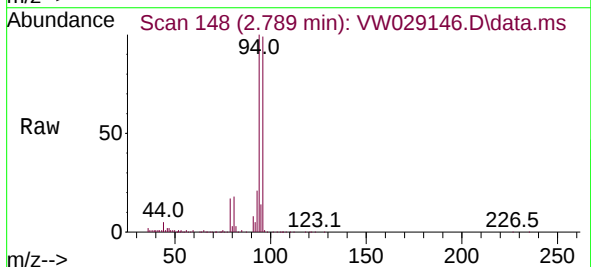
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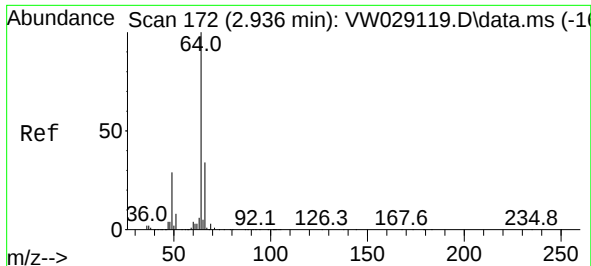
Tgt Ion: 62 Resp: 101622
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.4 43.4



#6
 Bromomethane
 Concen: 23.722 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029146.D
 Acq: 14 Jun 2024 08:55

Tgt Ion: 94 Resp: 61649
 Ion Ratio Lower Upper
 94 100
 96 98.6 63.7 118.3

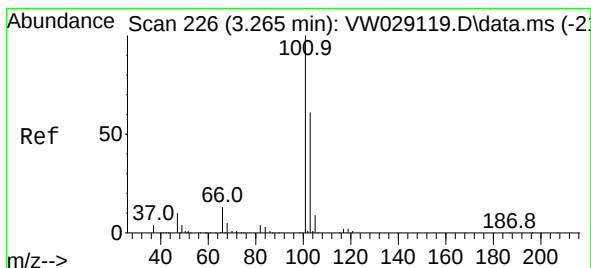
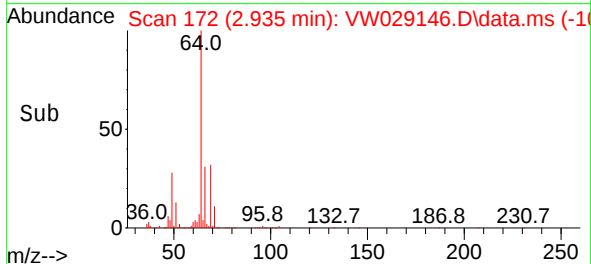
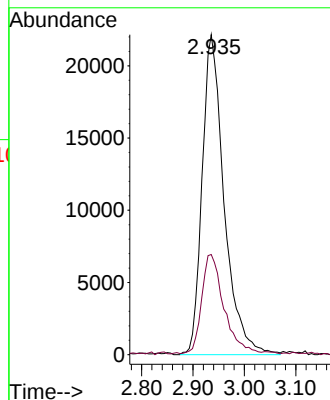
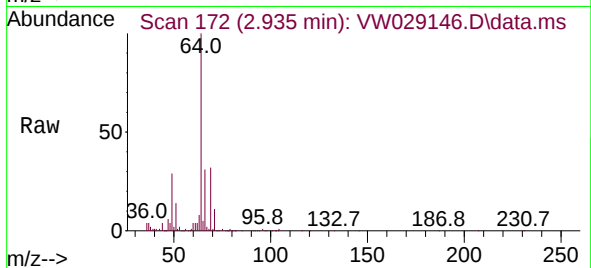




#8
Chloroethane
Concen: 25.122 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029146.D
Acq: 14 Jun 2024 08:55

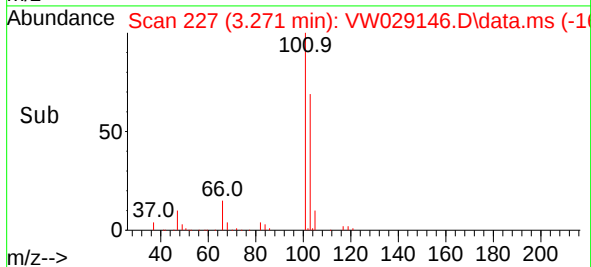
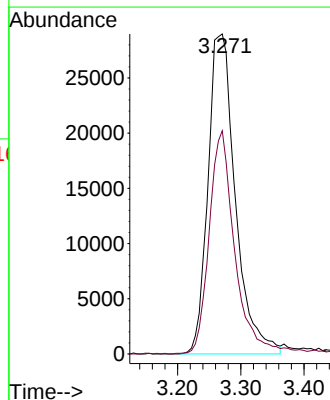
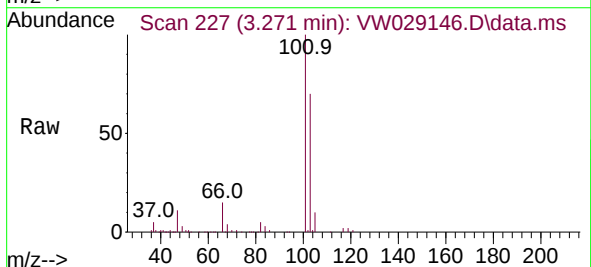
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MSVOA_W
ClientSampleId :

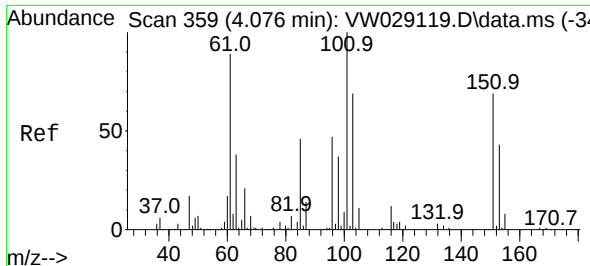
Tgt Ion: 64 Resp: 65806
Ion Ratio Lower Upper
64 100
66 31.3 22.9 42.5



#9
Trichlorofluoromethane
Concen: 24.233 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW029146.D
Acq: 14 Jun 2024 08:55

Tgt Ion:101 Resp: 87373
Ion Ratio Lower Upper
101 100
103 64.3 51.3 76.9





#10

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

Concen: 25.172 ug/L

RT: 4.075 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

ClientSampleId :

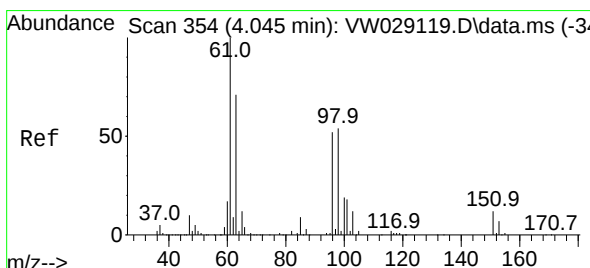
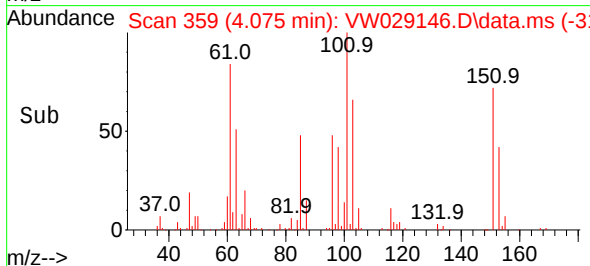
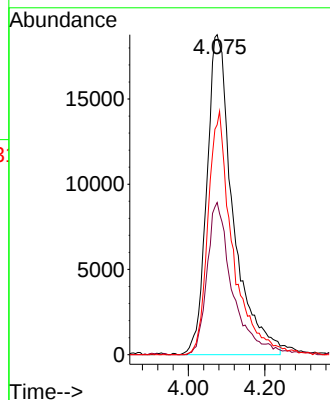
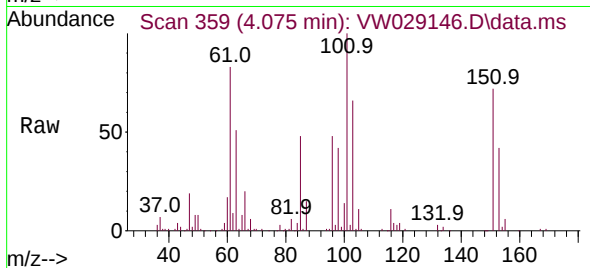
Tgt Ion:101 Resp: 89551

Ion Ratio Lower Upper

101 100

85 44.4 35.8 53.8

151 70.2 58.5 87.7



#12

1,1-Dichloroethene

Concen: 24.974 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

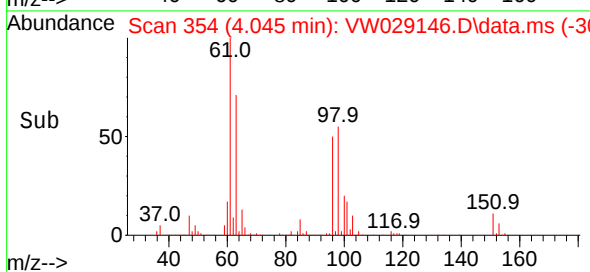
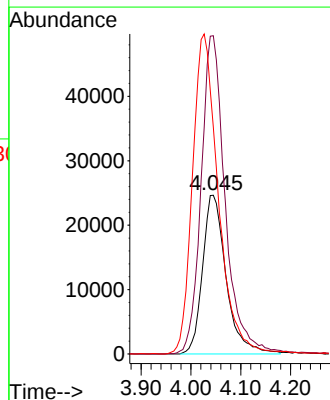
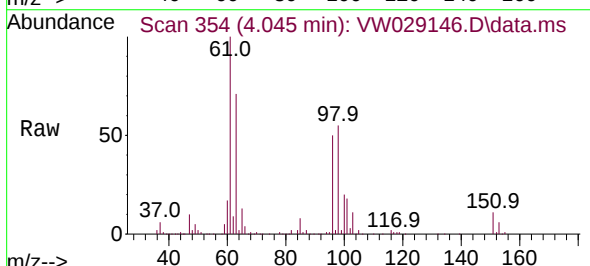
Tgt Ion: 96 Resp: 81083

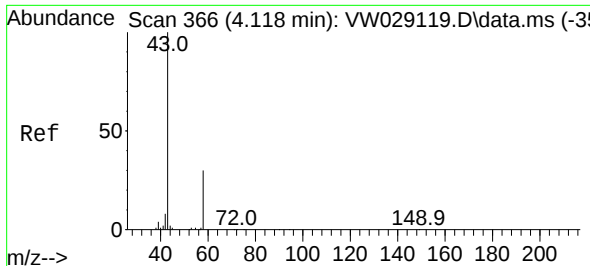
Ion Ratio Lower Upper

96 100

61 200.5 132.2 245.4

63 142.9 108.4 201.2

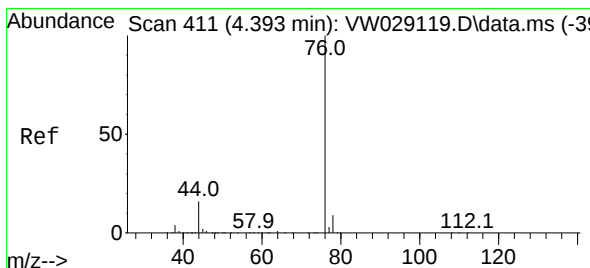
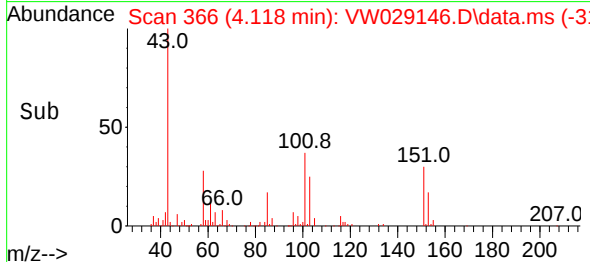
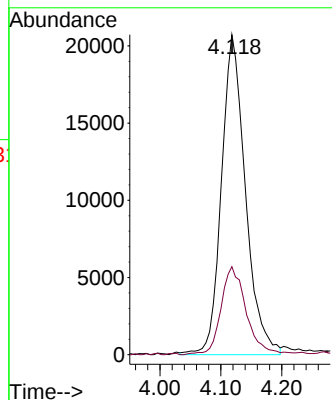
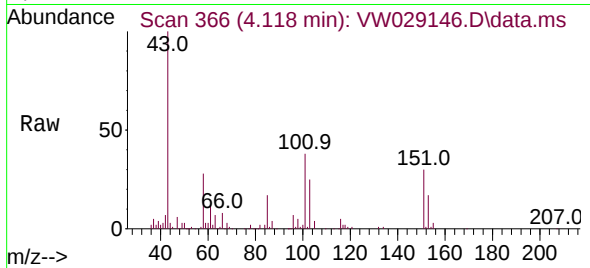




#13
Acetone
Concen: 64.978 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
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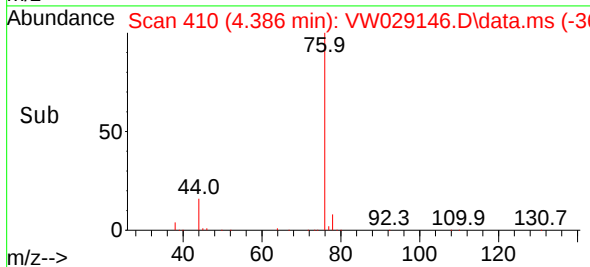
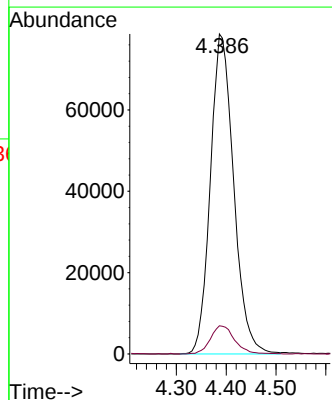
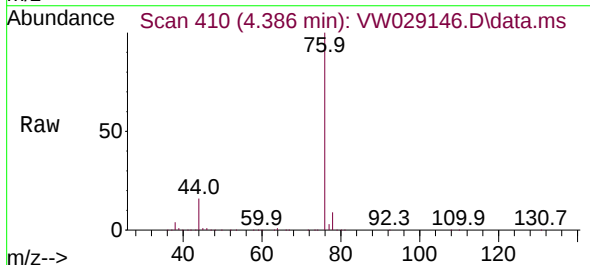
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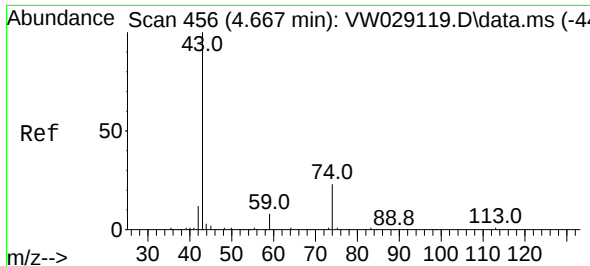
Tgt Ion: 43 Resp: 56770
Ion Ratio Lower Upper
43 100
58 28.5 0.0 59.4



#14
Carbon disulfide
Concen: 23.256 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 255628
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8





#15

Methyl Acetate

Concen: 27.013 ug/L

RT: 4.667 min Scan# 456

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

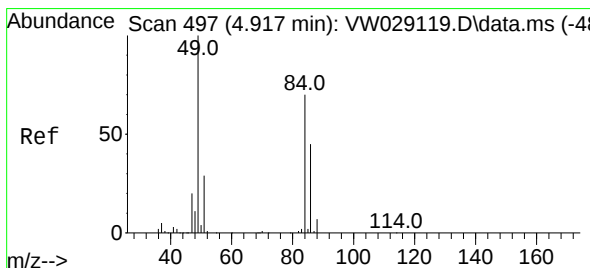
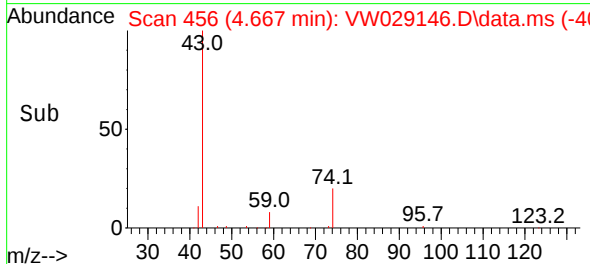
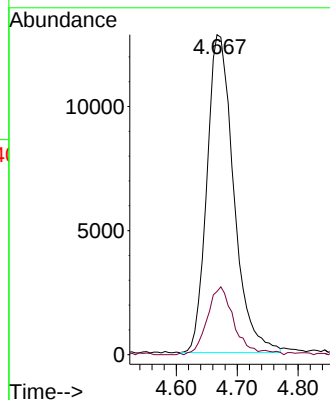
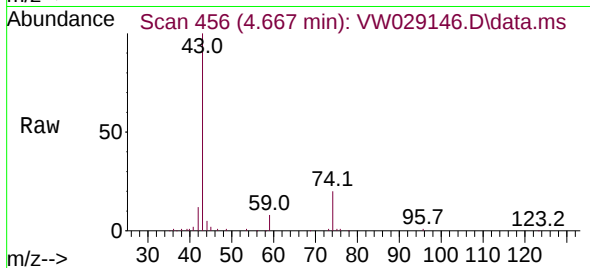
ClientSampleId :

Tgt Ion: 43 Resp: 39198

Ion Ratio Lower Upper

43 100

74 20.6 17.4 26.2



#16

Methylene chloride

Concen: 23.940 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

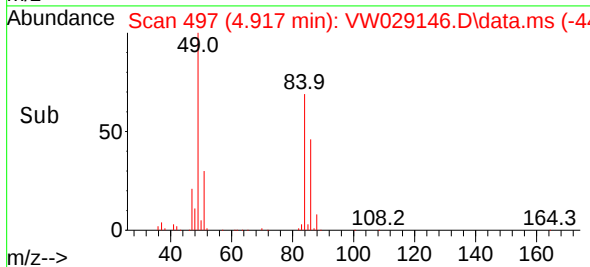
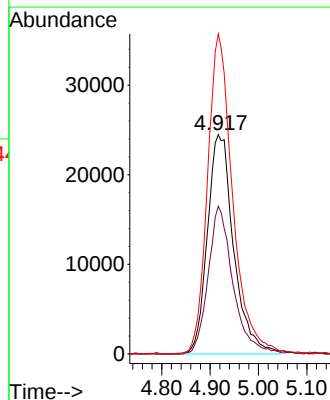
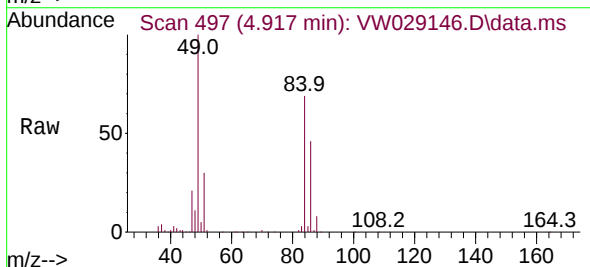
Tgt Ion: 84 Resp: 92286

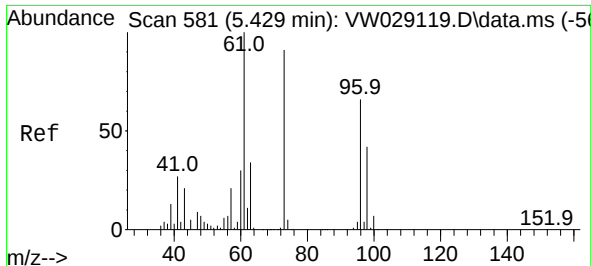
Ion Ratio Lower Upper

84 100

86 67.3 43.8 81.4

49 145.8 91.3 169.5





#17

trans-1,2-Dichloroethene

Concen: 24.915 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

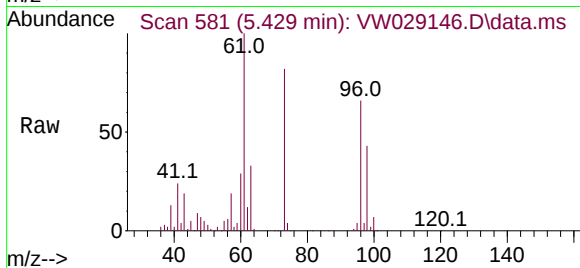
Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

ClientSampleId :



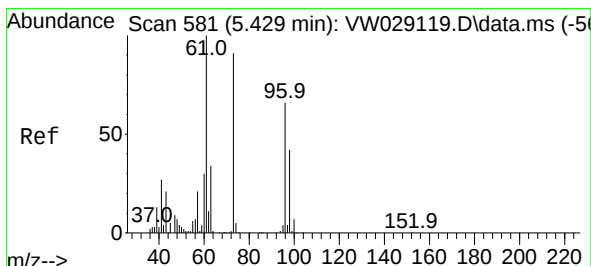
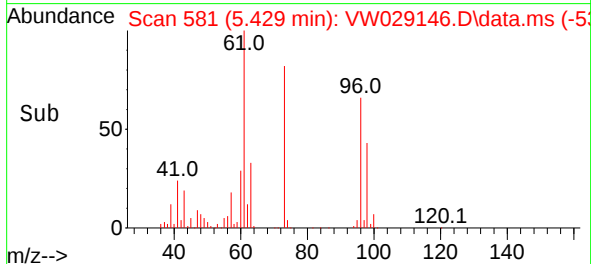
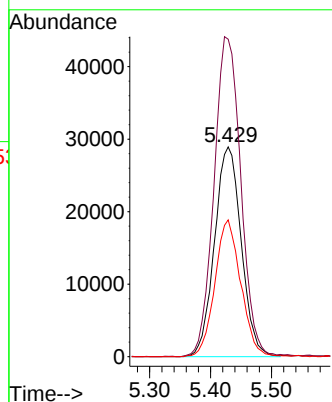
Tgt Ion: 96 Resp: 88195

Ion Ratio Lower Upper

96 100

61 151.3 104.6 194.2

98 65.2 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 26.080 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

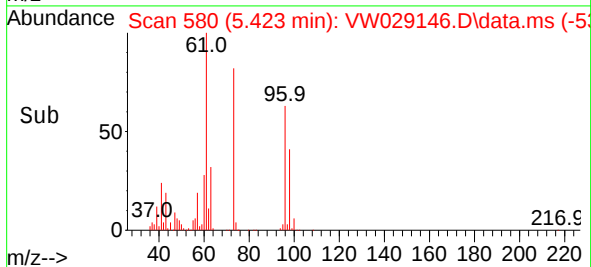
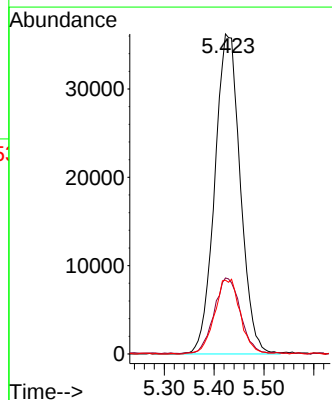
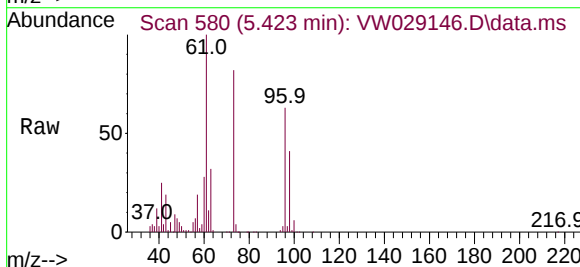
Tgt Ion: 73 Resp: 128739

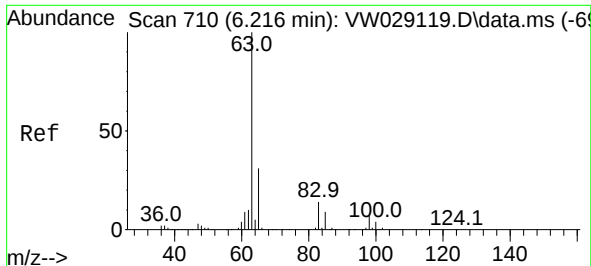
Ion Ratio Lower Upper

73 100

43 24.2 17.8 26.6

57 13.6 18.4 27.6#





#19

1,1-Dichloroethane

Concen: 26.107 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

ClientSampleId :

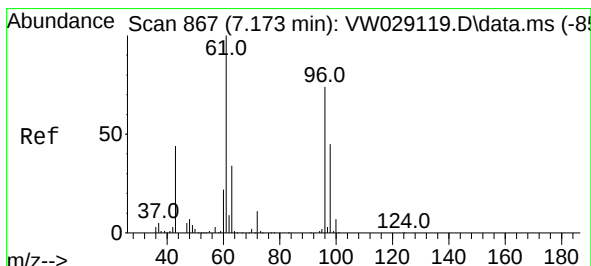
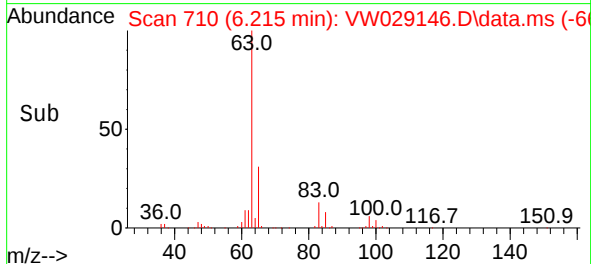
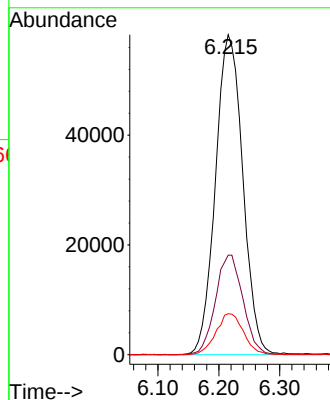
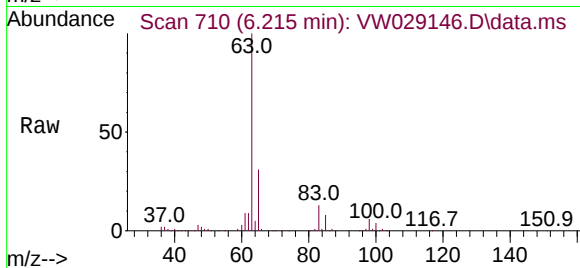
Tgt Ion: 63 Resp: 181694

Ion Ratio Lower Upper

63 100

65 31.1 21.8 40.6

83 12.8 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 25.701 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

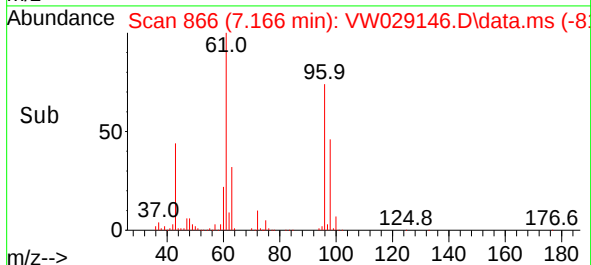
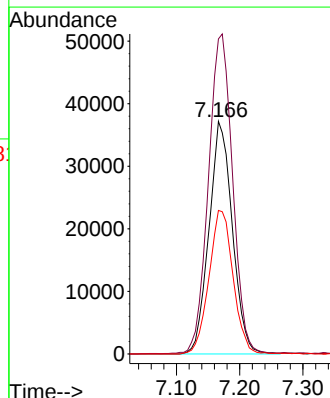
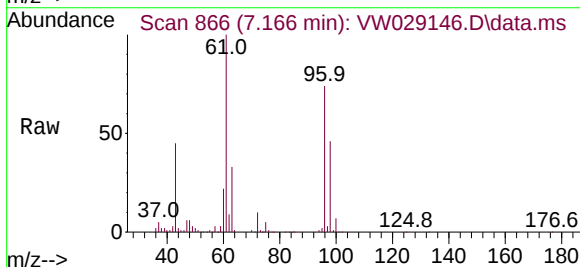
Tgt Ion: 96 Resp: 95380

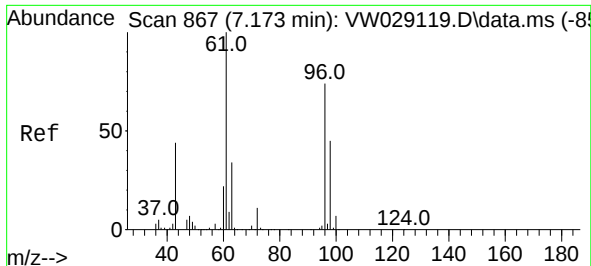
Ion Ratio Lower Upper

96 100

61 135.4 92.9 172.5

98 61.7 45.2 84.0





#22

2-Butanone

Concen: 59.503 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

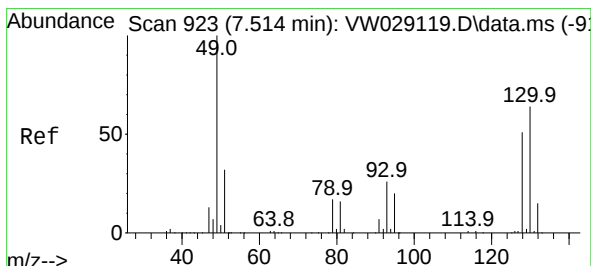
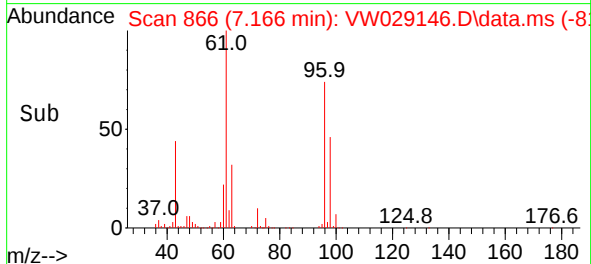
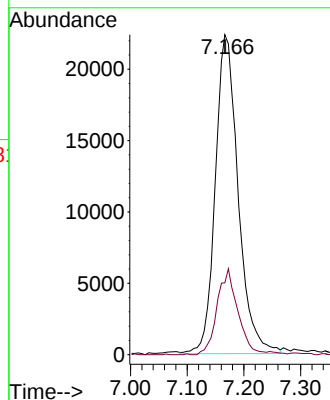
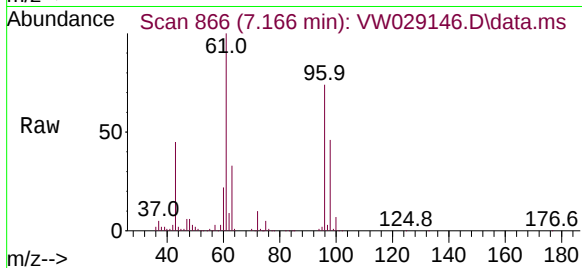
ClientSampleId :

Tgt Ion: 43 Resp: 62644

Ion Ratio Lower Upper

43 100

72 24.2 12.5 37.5



#23

Bromochloromethane

Concen: 25.173 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Tgt Ion: 128 Resp: 40779

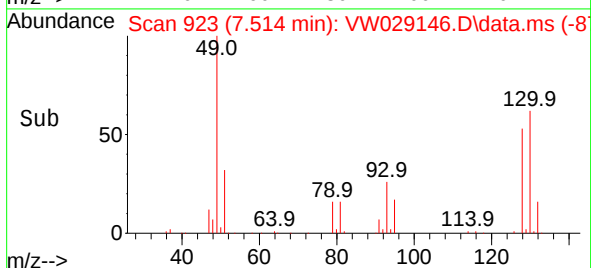
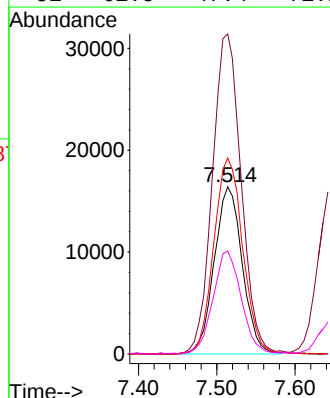
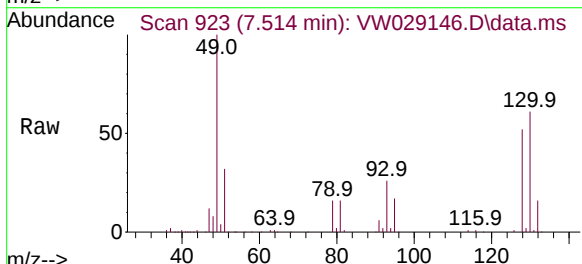
Ion Ratio Lower Upper

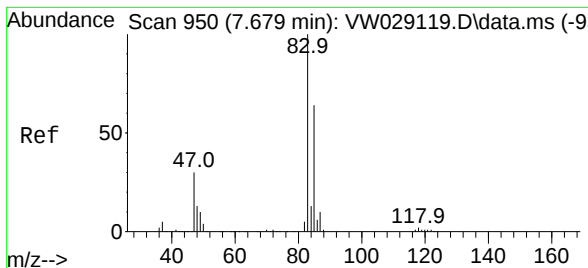
128 100

49 191.5 135.9 252.3

130 117.3 89.0 165.2

51 61.5 47.4 71.2





#25

Chloroform

Concen: 26.456 ug/L

RT: 7.672 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

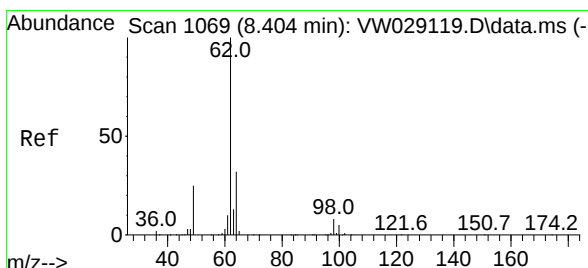
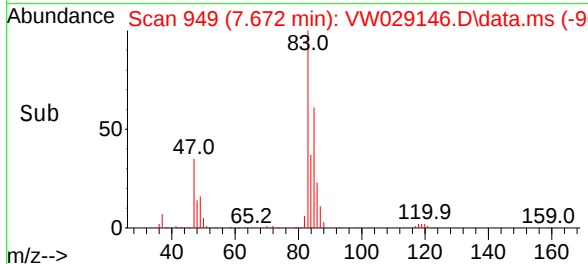
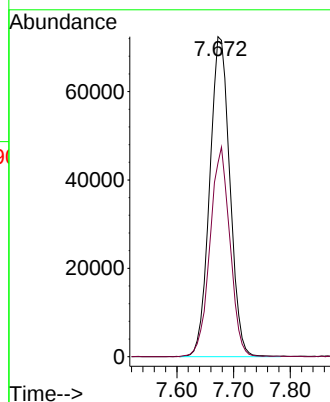
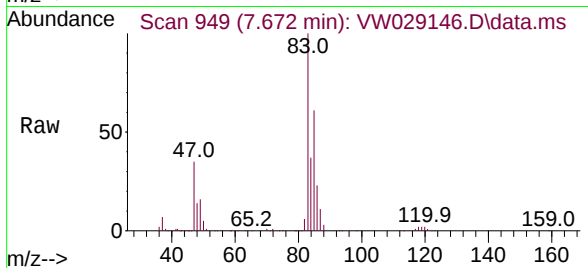
ClientSampleId :

Tgt Ion: 83 Resp: 178825

Ion Ratio Lower Upper

83 100

85 60.5 45.8 85.2



#27

1,2-Dichloroethane

Concen: 26.976 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VW029146.D

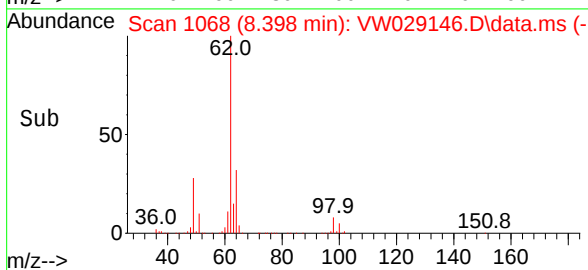
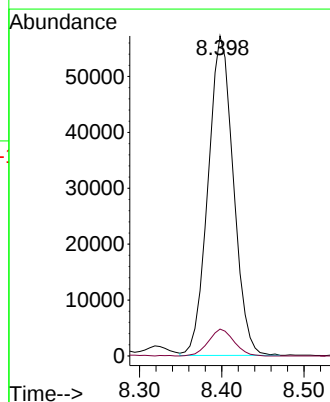
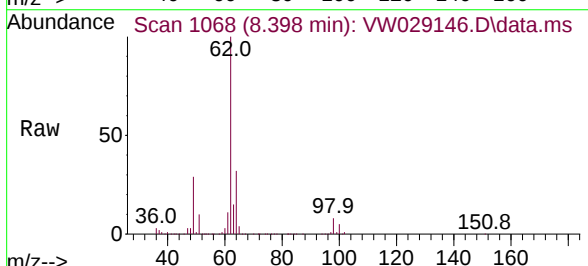
Acq: 14 Jun 2024 08:55

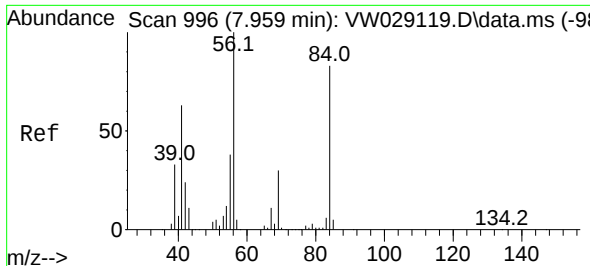
Tgt Ion: 62 Resp: 122195

Ion Ratio Lower Upper

62 100

98 8.4 7.1 10.7





#29

Cyclohexane

Concen: 26.177 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

ClientSampleId :

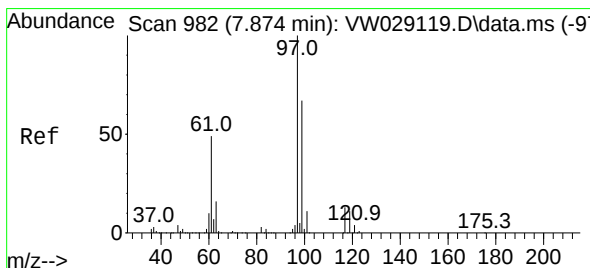
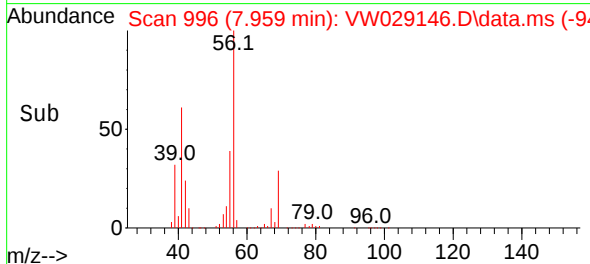
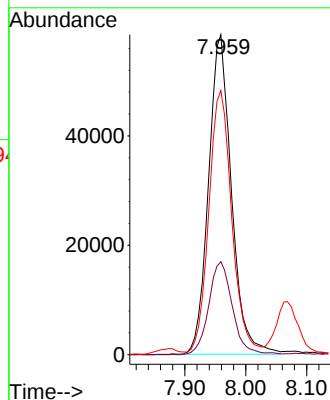
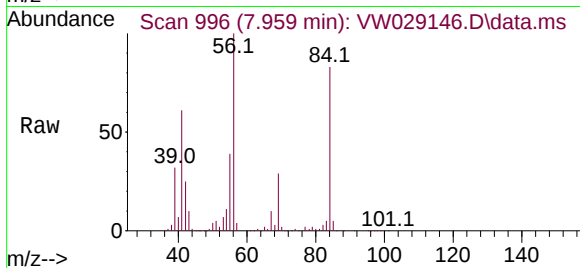
Tgt Ion: 56 Resp: 152754

Ion Ratio Lower Upper

56 100

69 29.8 24.2 36.4

84 82.7 65.4 98.2



#30

1,1,1-Trichloroethane

Concen: 26.780 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

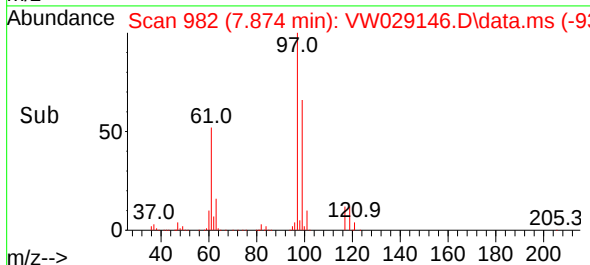
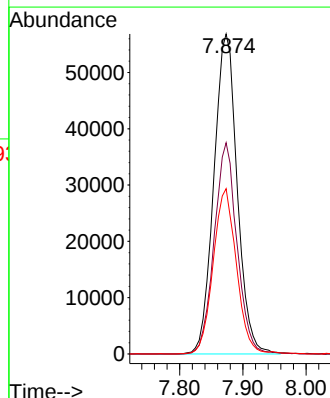
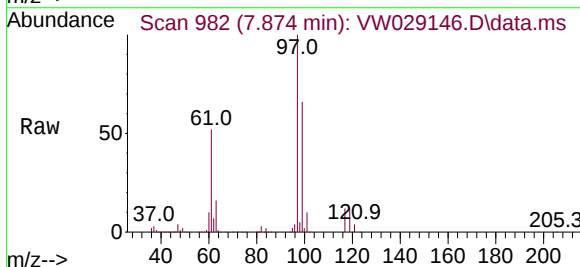
Tgt Ion: 97 Resp: 145627

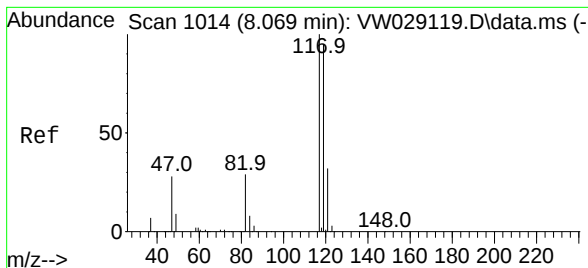
Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

61 51.2 39.6 59.4





#31

Carbon tetrachloride

Concen: 26.674 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

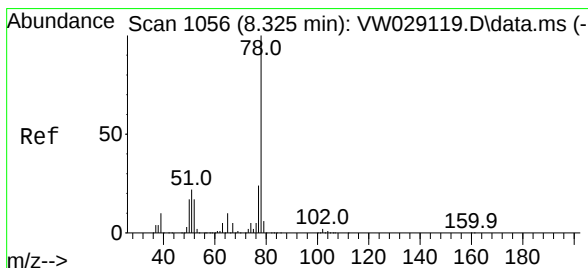
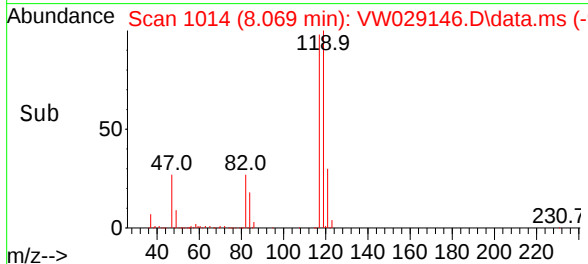
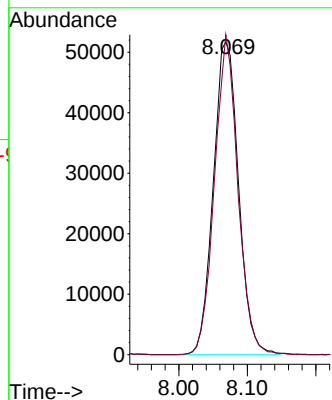
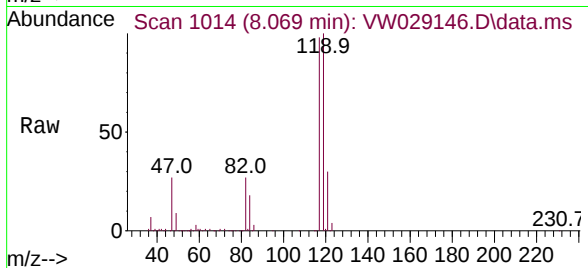
ClientSampleId :

Tgt Ion:117 Resp: 132120

Ion Ratio Lower Upper

117 100

119 94.7 78.8 118.2



#33

Benzene

Concen: 26.009 ug/L

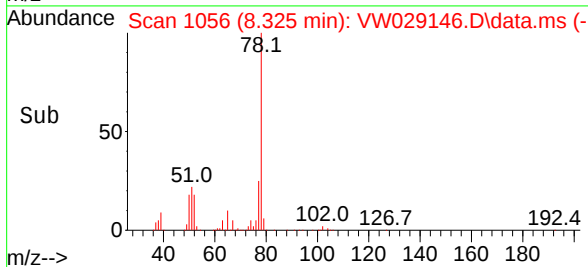
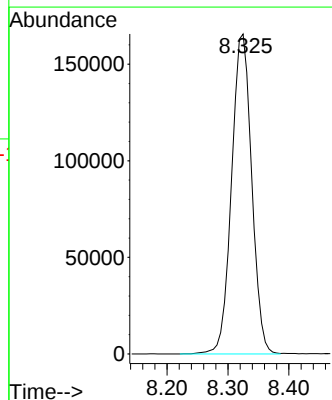
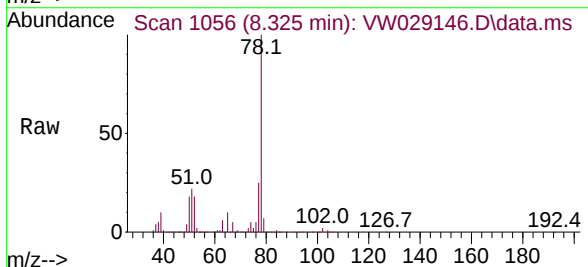
RT: 8.325 min Scan# 1056

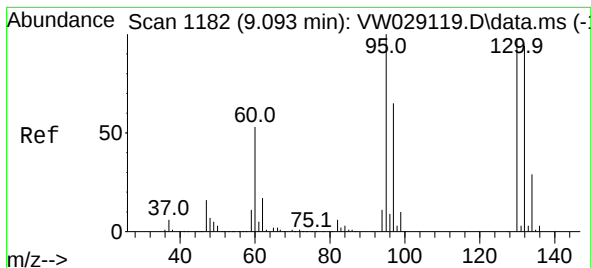
Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Tgt Ion: 78 Resp: 379564





#34

Trichloroethene

Concen: 25.595 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 98199

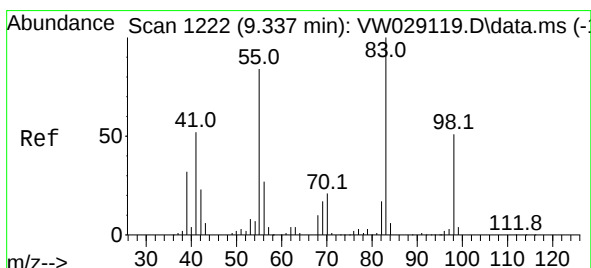
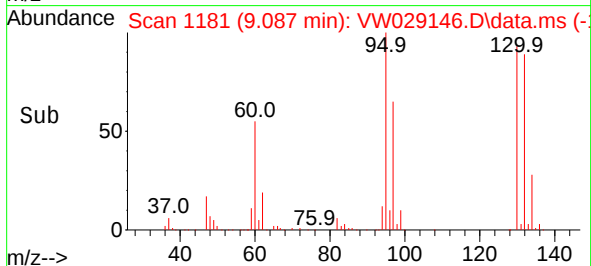
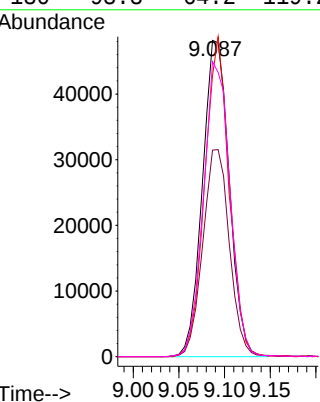
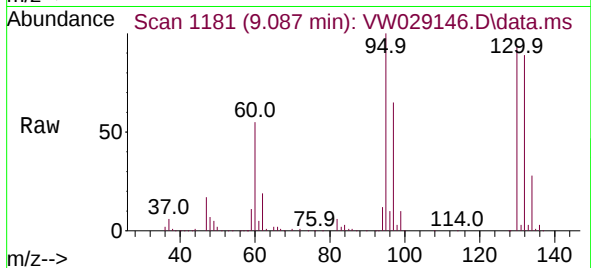
Ion Ratio Lower Upper

95 100

97 65.3 41.9 77.7

132 88.9 60.1 111.5

130 93.3 64.2 119.2



#35

Methylcyclohexane

Concen: 26.519 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

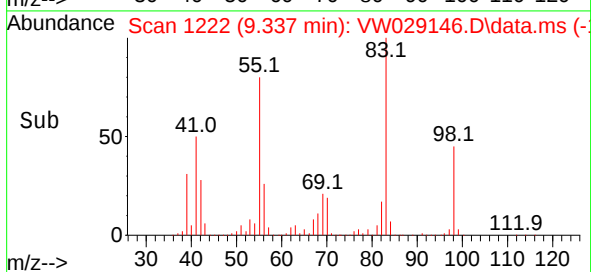
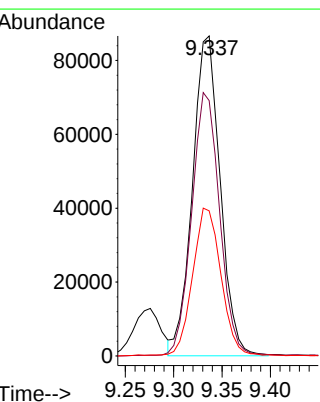
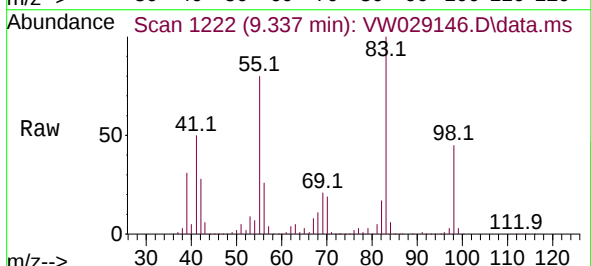
Tgt Ion: 83 Resp: 172600

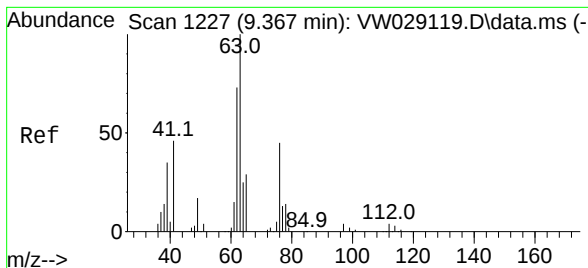
Ion Ratio Lower Upper

83 100

55 82.6 65.8 98.6

98 47.3 38.4 57.6





#37

1,2-Dichloropropane

Concen: 26.444 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

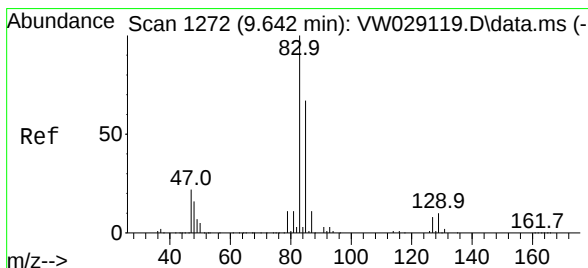
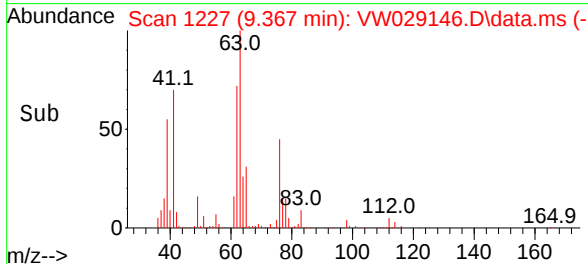
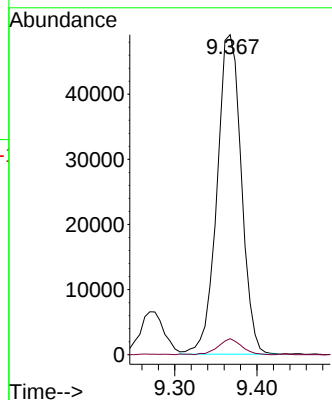
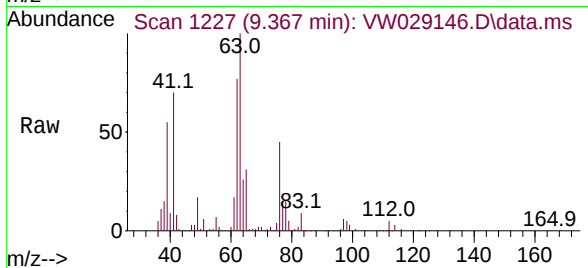
ClientSampleId :

Tgt Ion: 63 Resp: 101057

Ion Ratio Lower Upper

63 100

112 4.8 3.6 5.4



#38

Bromodichloromethane

Concen: 26.754 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

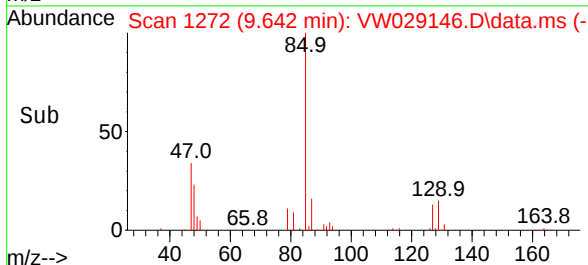
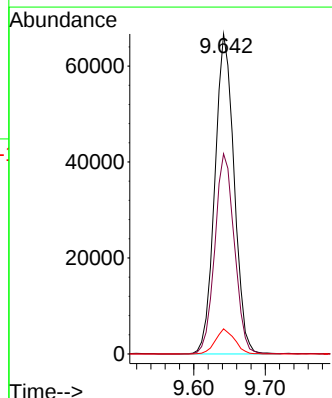
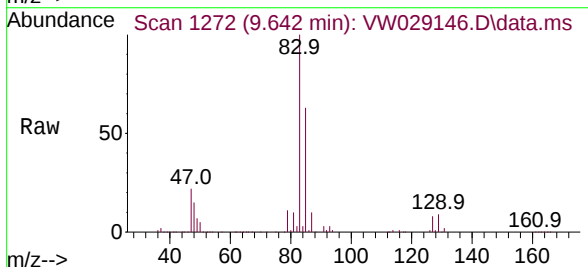
Tgt Ion: 83 Resp: 124696

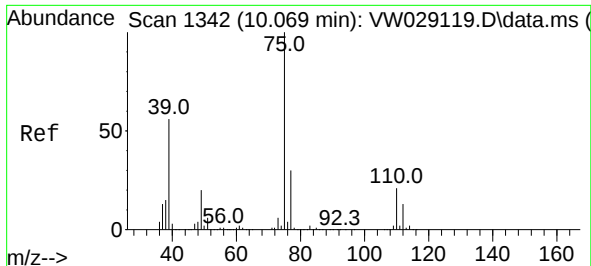
Ion Ratio Lower Upper

83 100

85 62.5 43.9 81.5

127 7.8 5.4 8.2





#39

cis-1,3-Dichloropropene

Concen: 27.018 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

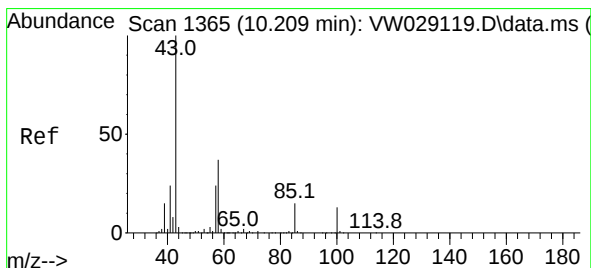
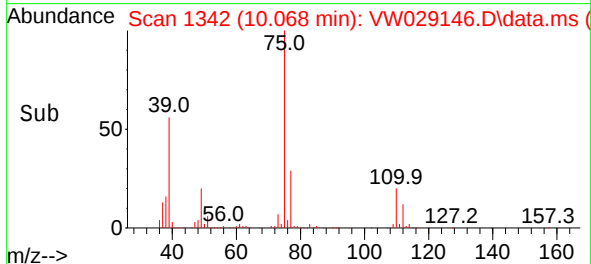
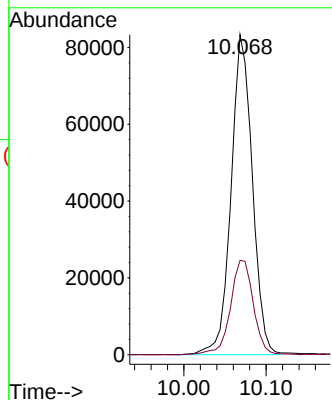
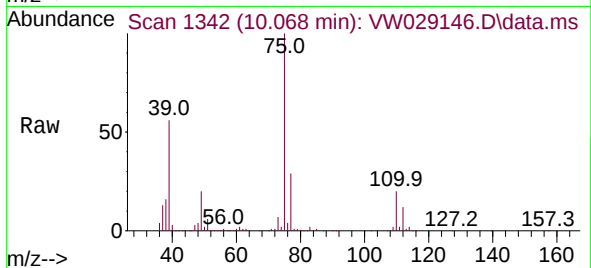
ClientSampleId :

Tgt Ion: 75 Resp: 150055

Ion Ratio Lower Upper

75 100

77 29.5 21.0 39.0



#40

4-Methyl-2-pentanone

Concen: 57.622 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

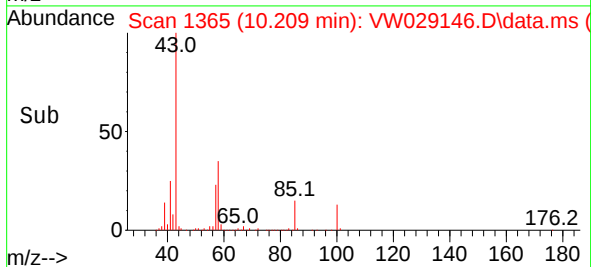
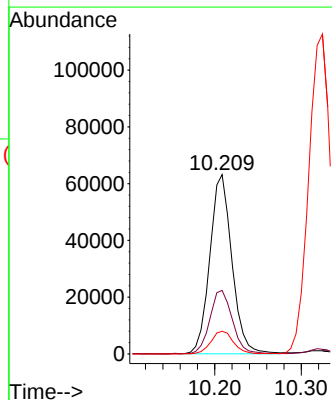
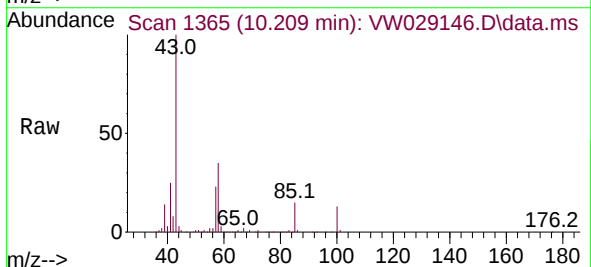
Tgt Ion: 43 Resp: 112007

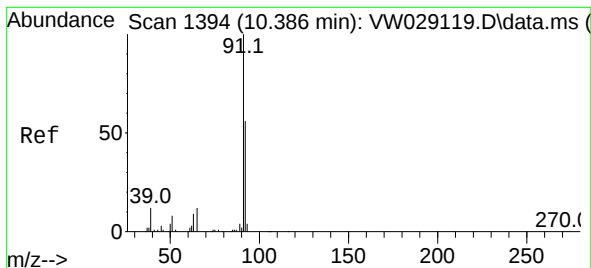
Ion Ratio Lower Upper

43 100

58 36.2 30.3 45.5

100 13.1 10.7 16.1





#42

Toluene

Concen: 27.466 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

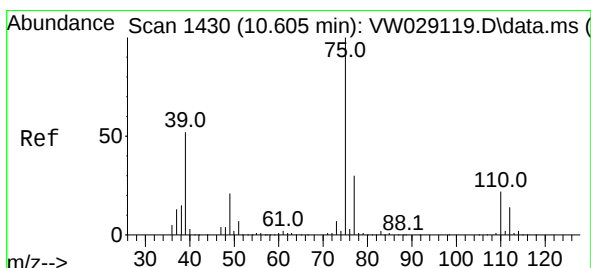
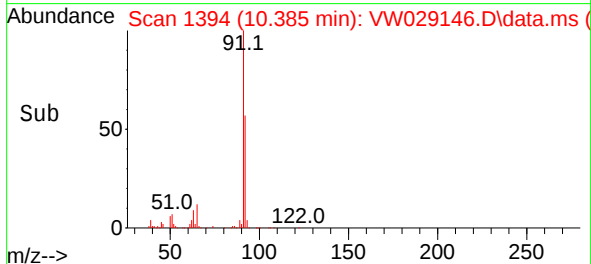
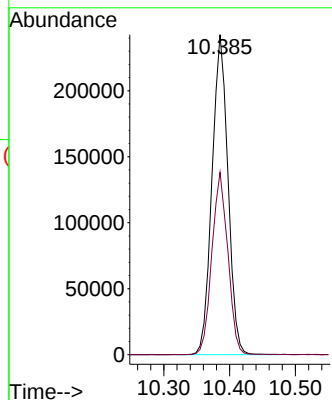
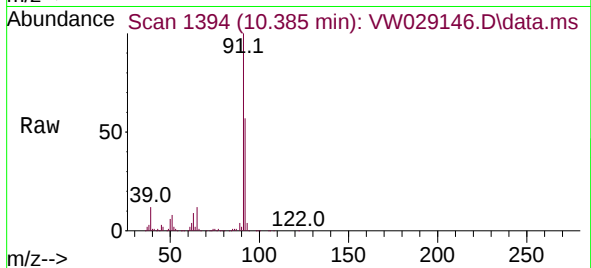
ClientSampleId :

Tgt Ion: 91 Resp: 409466

Ion Ratio Lower Upper

91 100

92 57.0 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 27.536 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029146.D

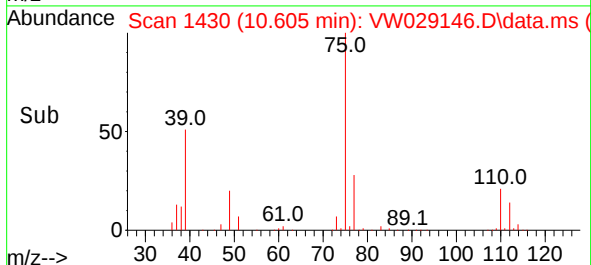
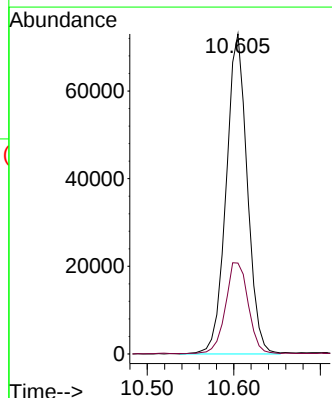
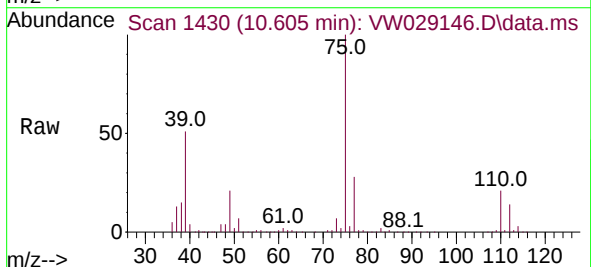
Acq: 14 Jun 2024 08:55

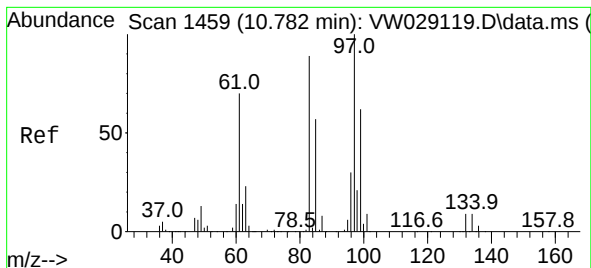
Tgt Ion: 75 Resp: 123289

Ion Ratio Lower Upper

75 100

77 28.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 26.026 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 67174

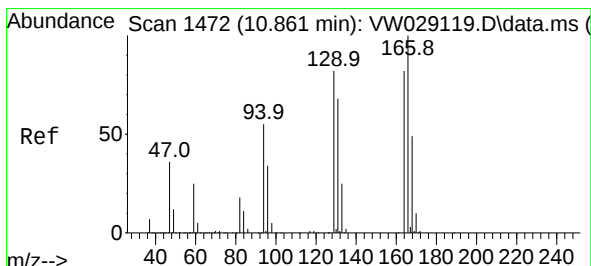
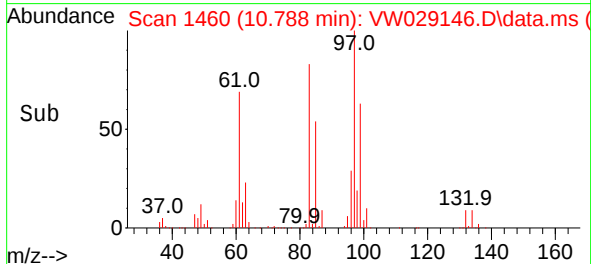
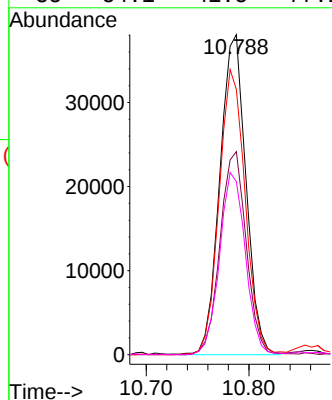
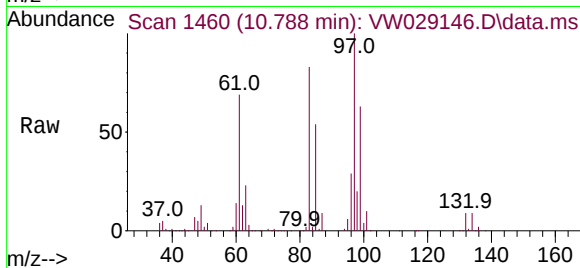
Ion Ratio Lower Upper

97 100

99 63.5 41.8 77.6

83 82.9 62.4 115.8

85 54.1 41.5 77.1



#46

Tetrachloroethene

Concen: 25.847 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Tgt Ion:164 Resp: 75341

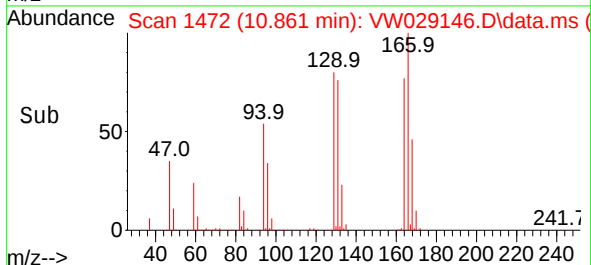
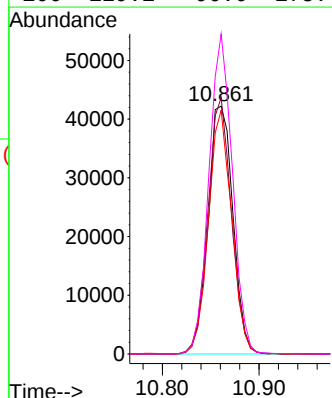
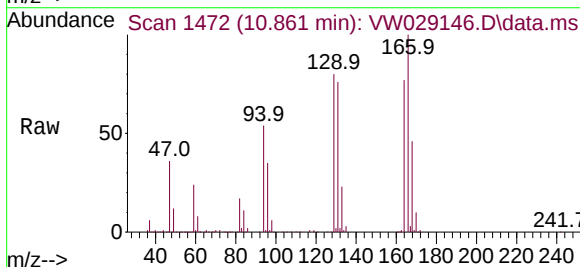
Ion Ratio Lower Upper

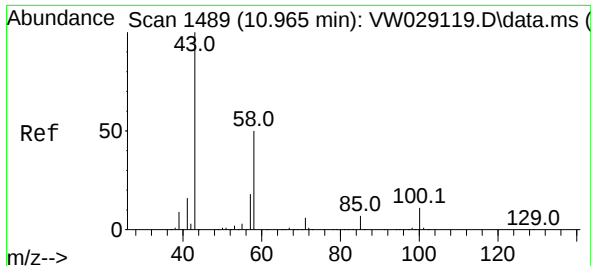
164 100

129 103.4 69.4 128.8

131 98.3 71.0 131.9

166 129.1 96.0 178.4





#48

2-Hexanone

Concen: 61.934 ug/L

RT: 10.964 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 90261

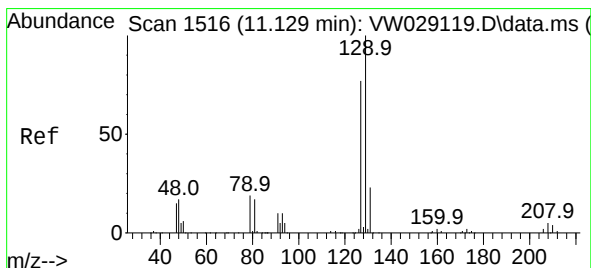
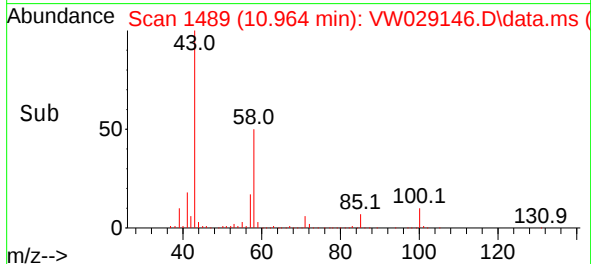
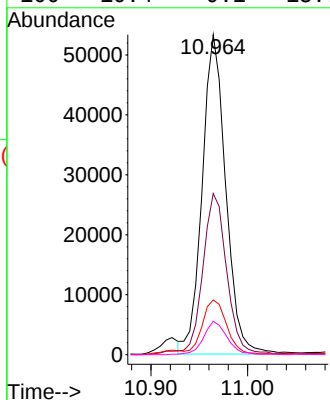
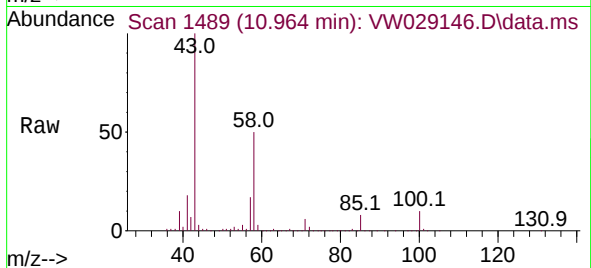
Ion Ratio Lower Upper

43 100

58 50.0 41.4 62.0

57 17.8 14.2 21.4

100 10.4 9.1 13.7



#49

Dibromochloromethane

Concen: 26.590 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW029146.D

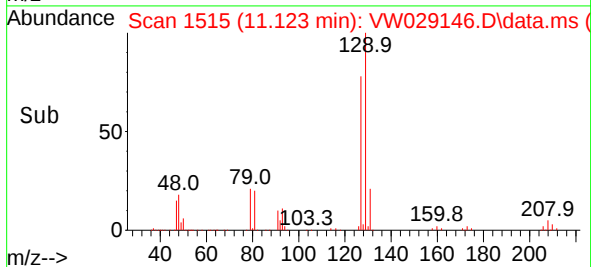
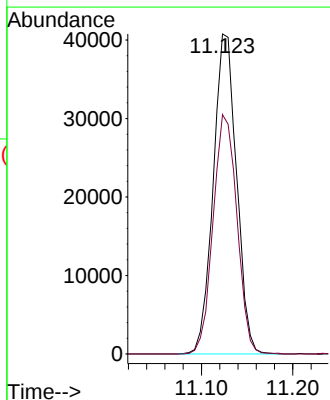
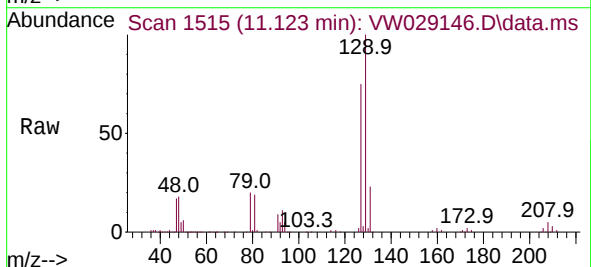
Acq: 14 Jun 2024 08:55

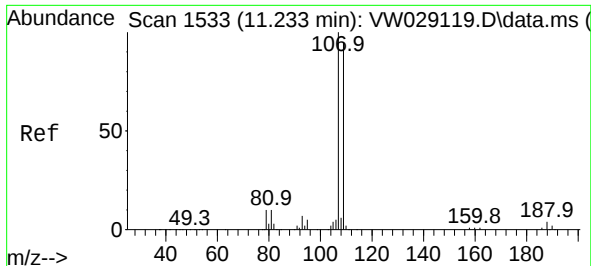
Tgt Ion:129 Resp: 72487

Ion Ratio Lower Upper

129 100

127 74.8 56.5 104.9





#50

1,2-Dibromoethane

Concen: 25.644 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029146.D

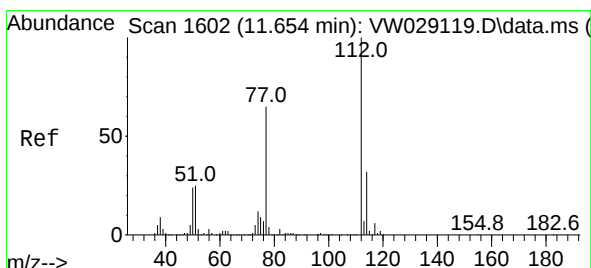
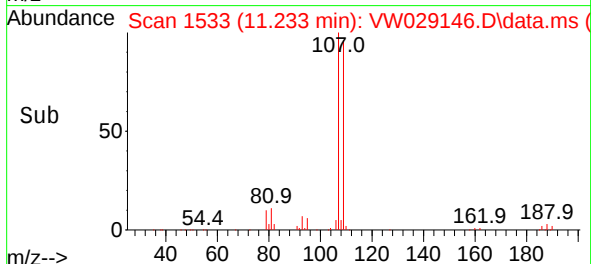
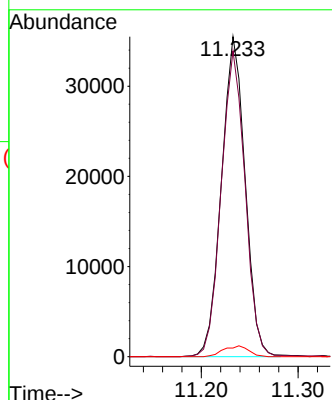
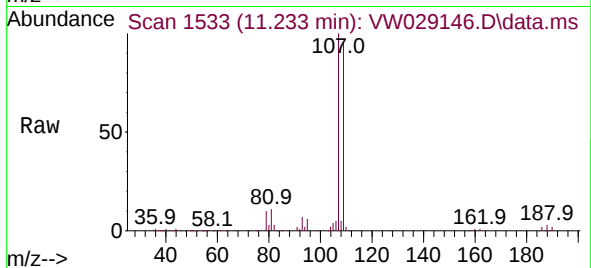
Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	60420
Ion Ratio	Lower	Upper
107	100	
109	95.6	67.9 126.1
188	2.7	3.0 4.4#



#51

Chlorobenzene

Concen: 25.050 ug/L

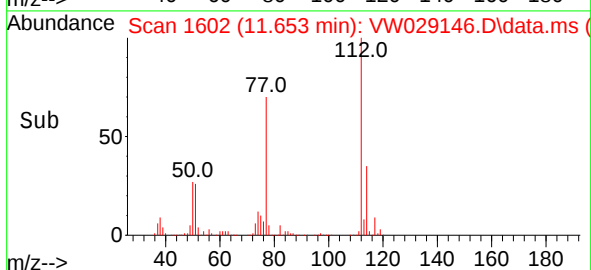
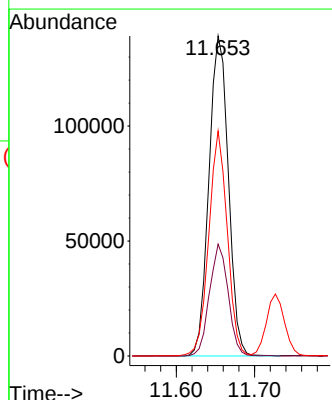
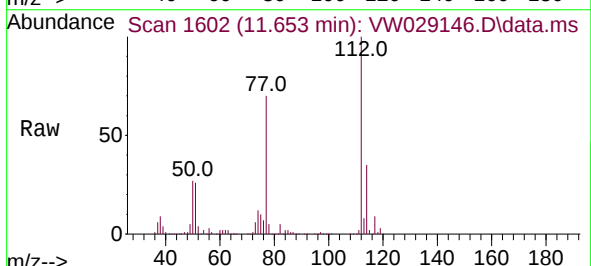
RT: 11.653 min Scan# 1602

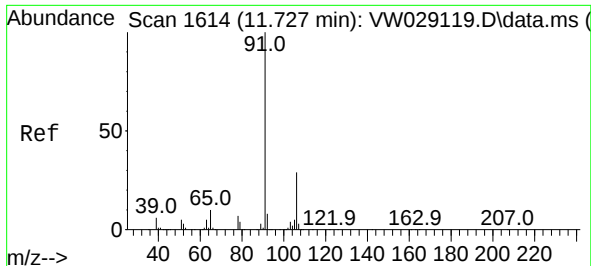
Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Tgt Ion:112	Resp:	239894
Ion Ratio	Lower	Upper
112	100	
114	34.9	23.7 44.1
77	70.3	51.7 77.5





#52

Ethylbenzene

Concen: 26.435 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

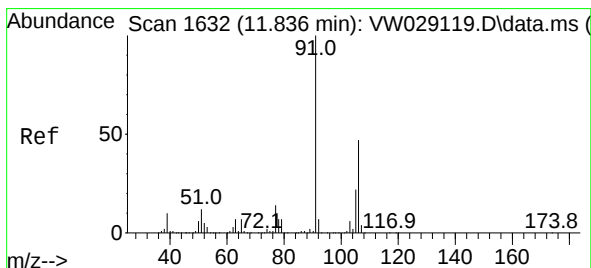
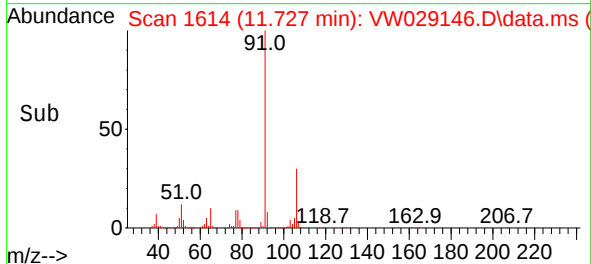
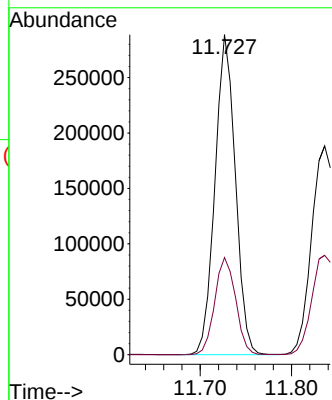
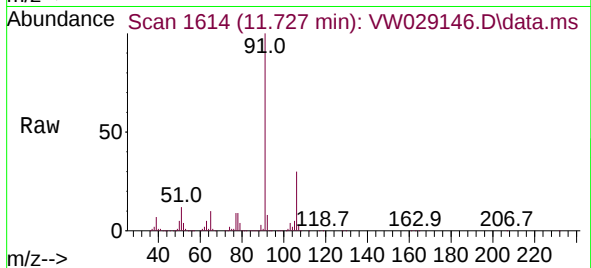
ClientSampleId :

Tgt Ion: 91 Resp: 447771

Ion Ratio Lower Upper

91 100

106 30.4 19.9 37.0



#53

m,p-Xylene

Concen: 27.272 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029146.D

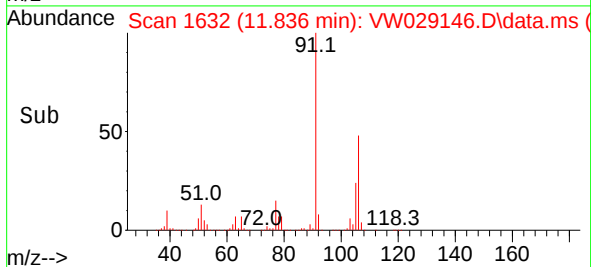
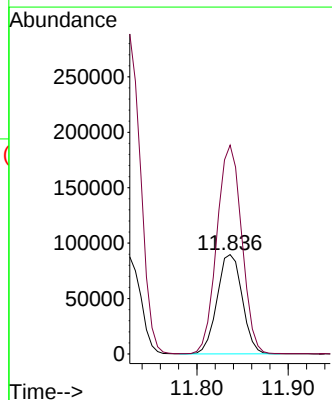
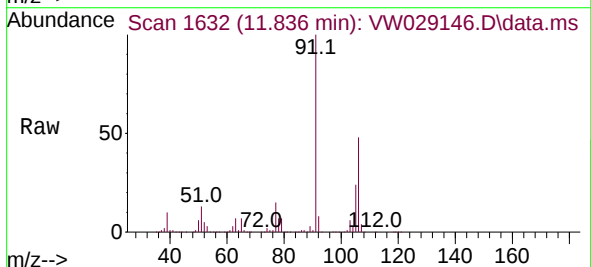
Acq: 14 Jun 2024 08:55

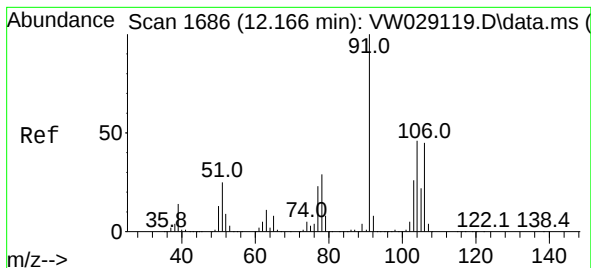
Tgt Ion:106 Resp: 171103

Ion Ratio Lower Upper

106 100

91 210.2 152.0 282.2

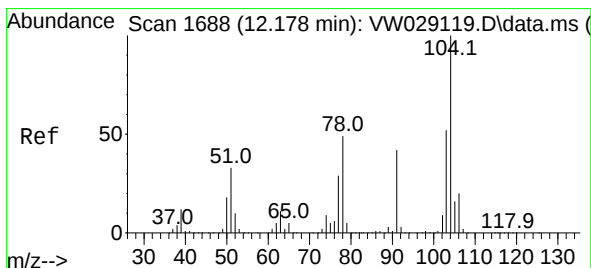
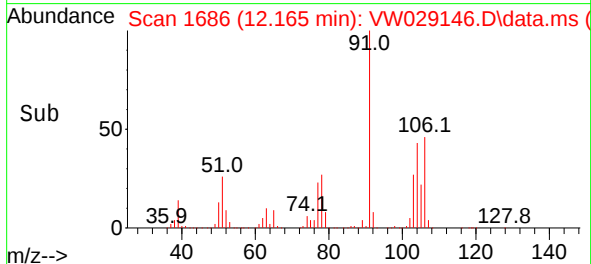
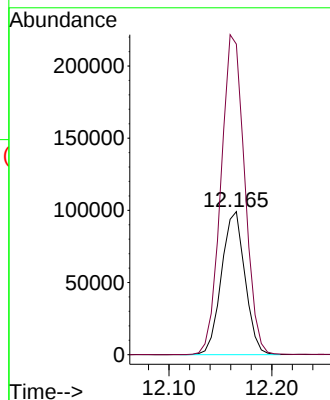
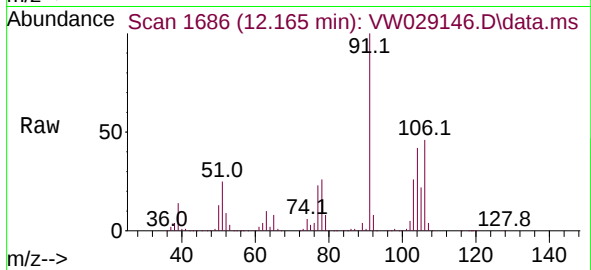




#54
o-Xylene
Concen: 27.104 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW029146.D
Acq: 14 Jun 2024 08:55

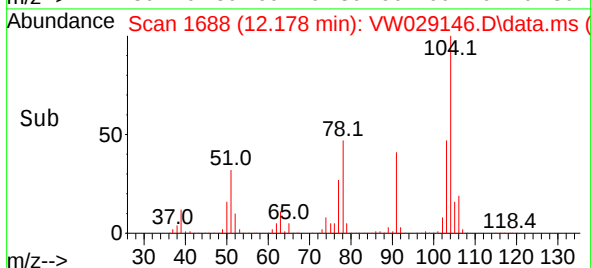
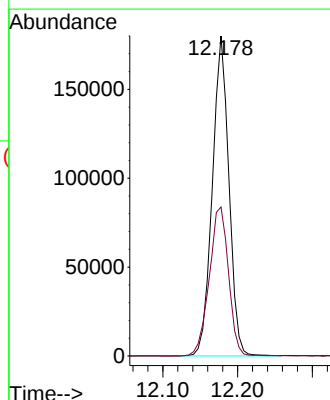
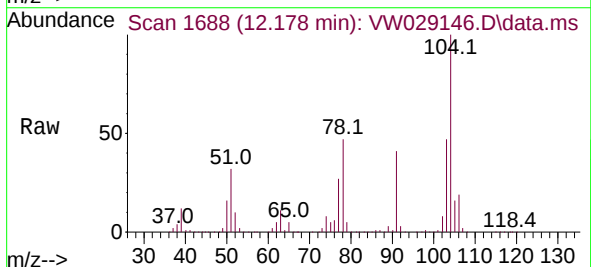
Instrument :
MSVOA_W
ClientSampleId :

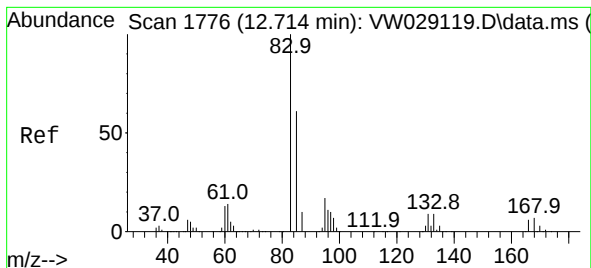
Tgt Ion:106 Resp: 157454
Ion Ratio Lower Upper
106 100
91 217.1 152.5 283.3



#55
Styrene
Concen: 27.688 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029146.D
Acq: 14 Jun 2024 08:55

Tgt Ion:104 Resp: 277316
Ion Ratio Lower Upper
104 100
78 46.6 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 27.131 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

ClientSampleId :

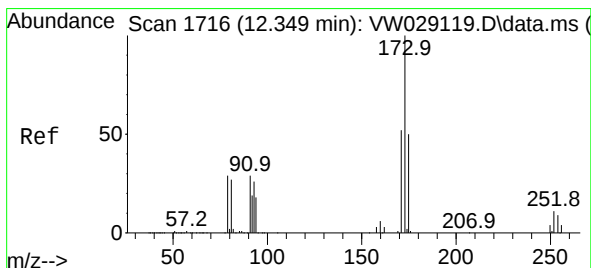
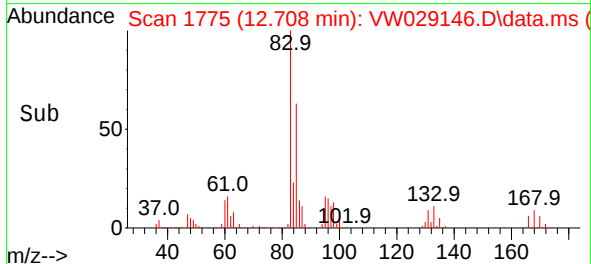
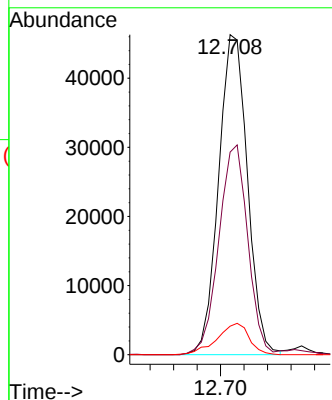
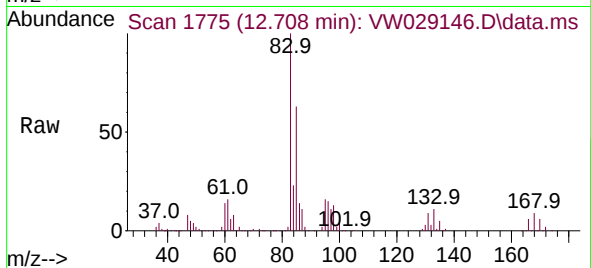
Tgt Ion: 83 Resp: 79049

Ion Ratio Lower Upper

83 100

85 63.3 43.8 81.3

131 8.9 7.3 10.9



#59

Bromoform

Concen: 25.455 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

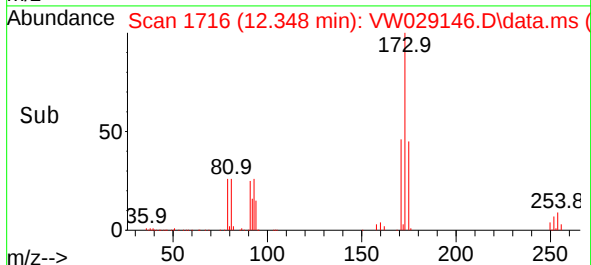
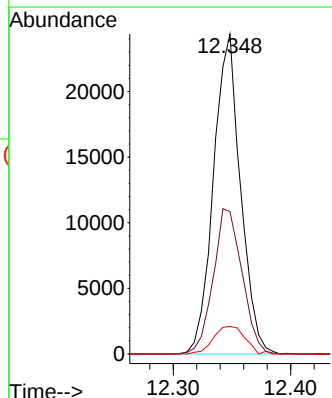
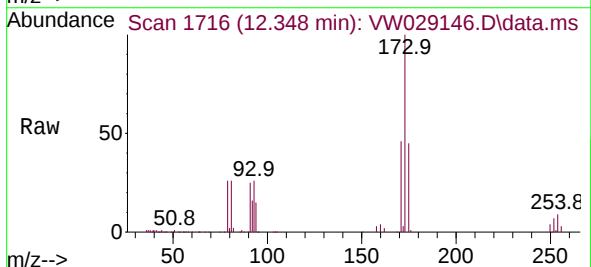
Tgt Ion:173 Resp: 38867

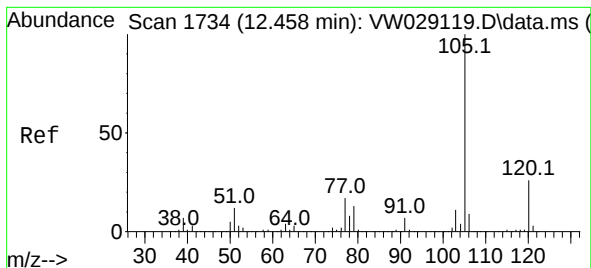
Ion Ratio Lower Upper

173 100

175 48.5 38.1 57.1

254 9.9 8.2 12.2





#60

Isopropylbenzene

Concen: 26.982 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

ClientSampleId :

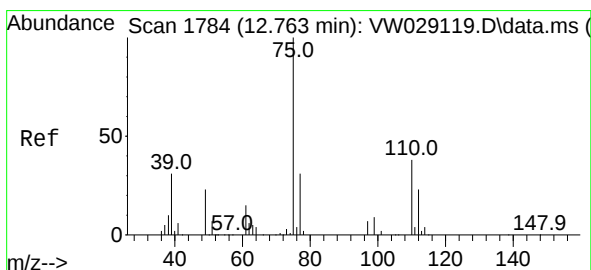
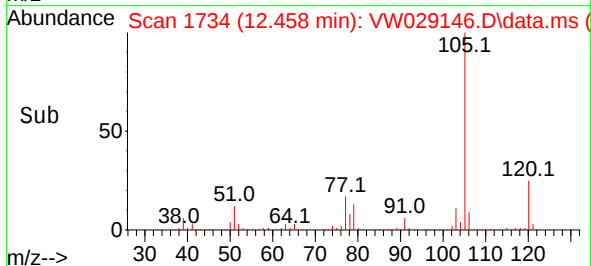
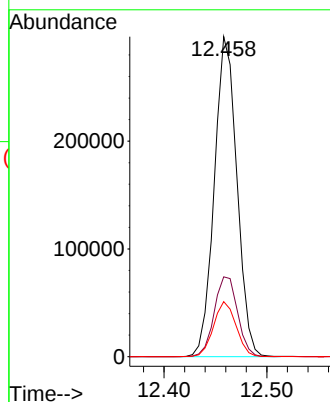
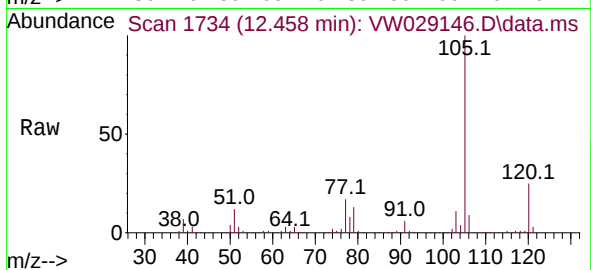
Tgt Ion:105 Resp: 453427

Ion Ratio Lower Upper

105 100

120 25.8 20.7 31.1

77 17.2 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 26.232 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

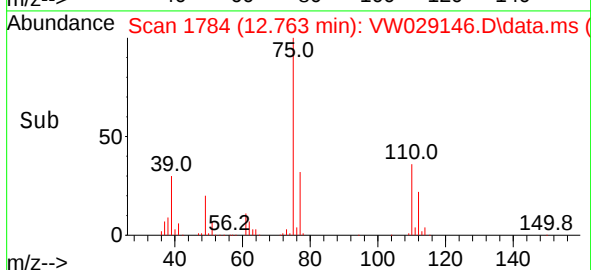
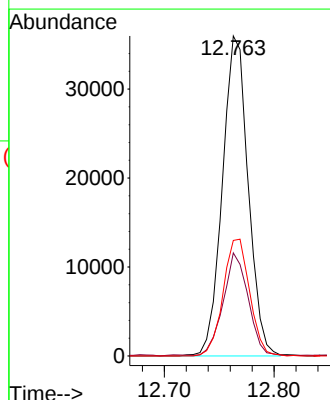
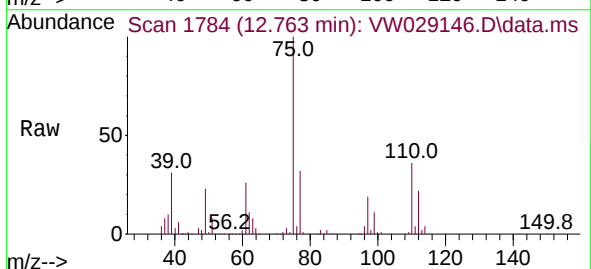
Tgt Ion: 75 Resp: 58755

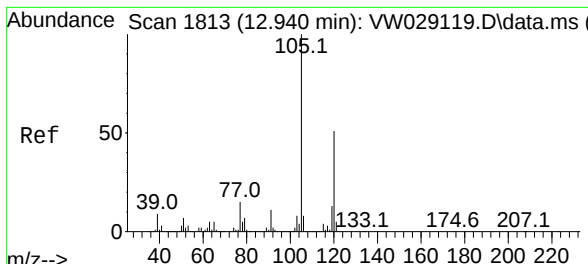
Ion Ratio Lower Upper

75 100

77 31.4 26.3 39.5

110 37.5 29.4 44.0



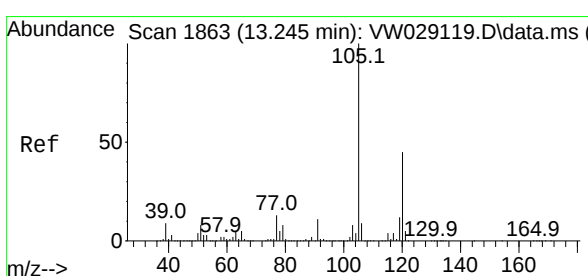
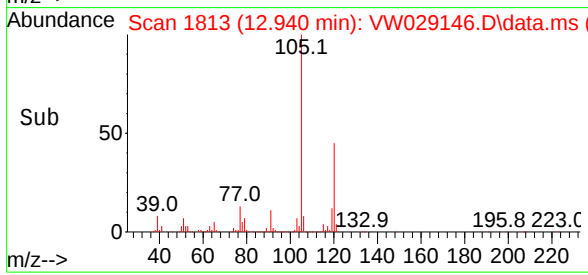
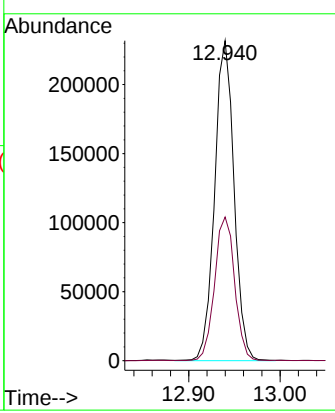
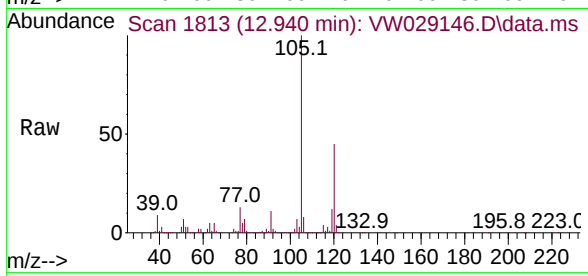


#62
 1,3,5-Trimethylbenzene
 Concen: 28.037 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW029146.D
 Acq: 14 Jun 2024 08:55

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 342677

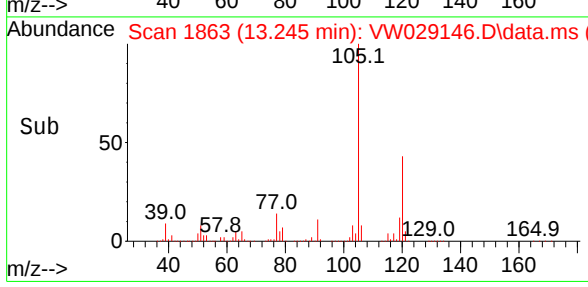
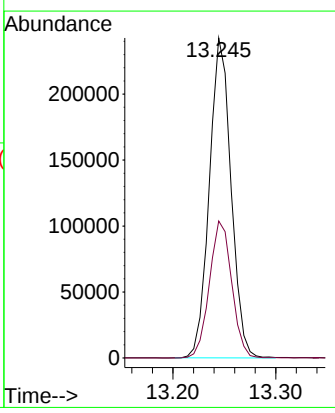
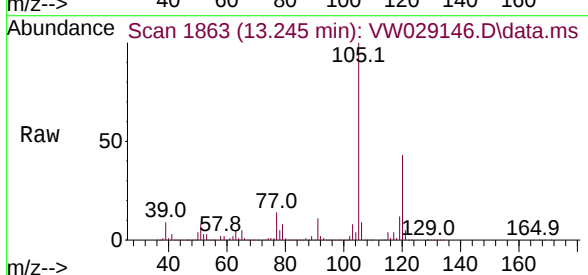
Ion	Ratio	Lower	Upper
105	100		
120	46.5	38.4	57.6

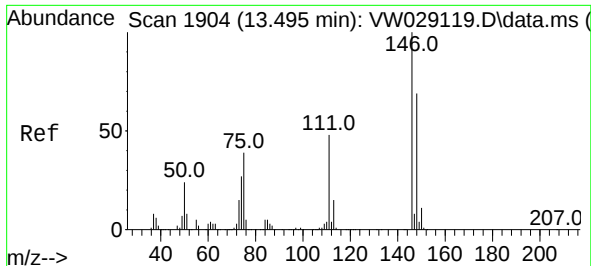


#63
 1,2,4-Trimethylbenzene
 Concen: 27.457 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW029146.D
 Acq: 14 Jun 2024 08:55

Tgt Ion:105 Resp: 354661

Ion	Ratio	Lower	Upper
105	100		
120	44.1	35.8	53.8





#64

1,3-Dichlorobenzene

Concen: 25.957 ug/L

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

ClientSampleId :

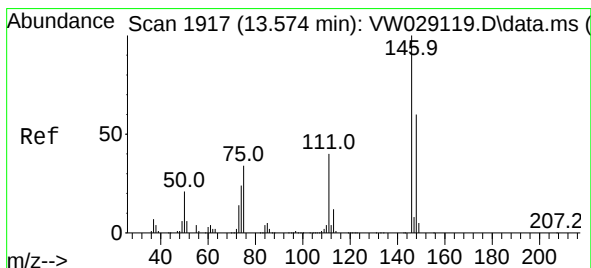
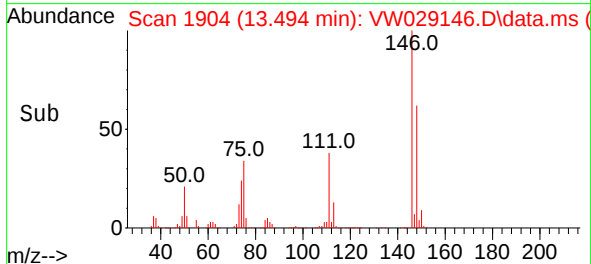
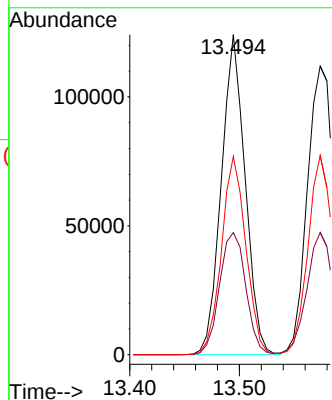
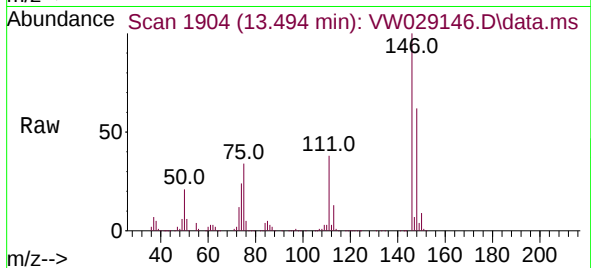
Tgt Ion:146 Resp: 187456

Ion Ratio Lower Upper

146 100

111 38.2 29.4 54.6

148 61.9 42.5 78.9



#65

1,4-Dichlorobenzene

Concen: 24.902 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

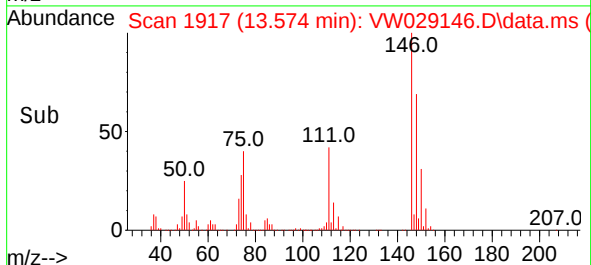
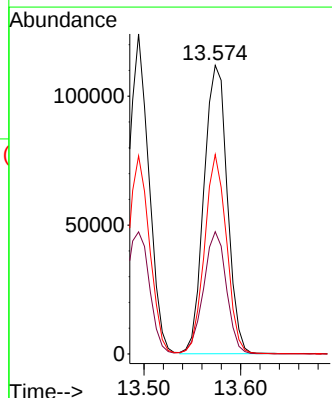
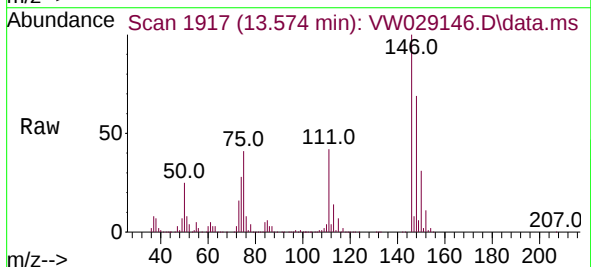
Tgt Ion:146 Resp: 187822

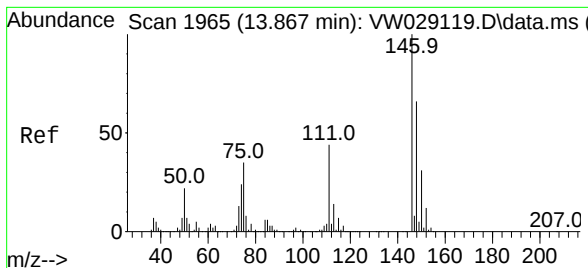
Ion Ratio Lower Upper

146 100

111 42.4 27.5 51.1

148 69.1 39.5 73.3





#67

1,2-Dichlorobenzene

Concen: 26.005 ug/L

RT: 13.860 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

ClientSampleId :

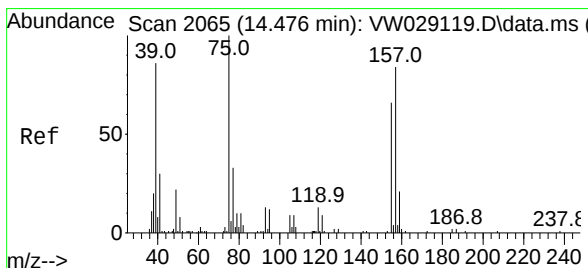
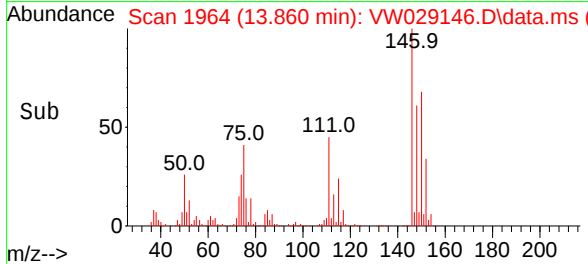
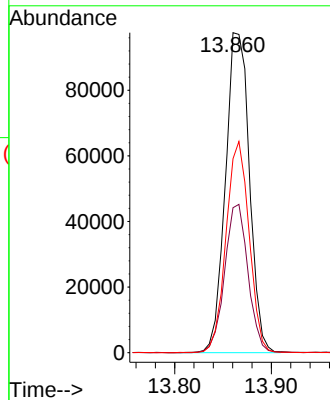
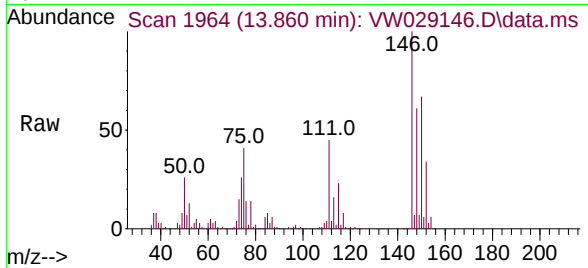
Tgt Ion:146 Resp: 168318

Ion Ratio Lower Upper

146 100

111 45.3 32.8 49.2

148 60.6 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 26.757 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

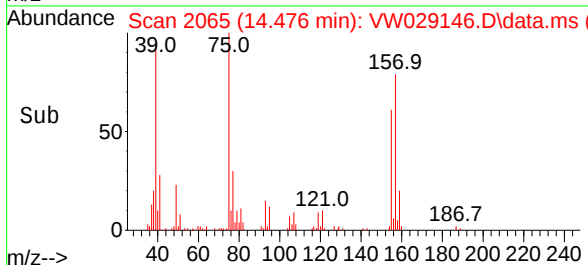
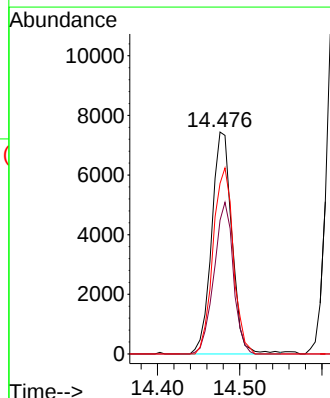
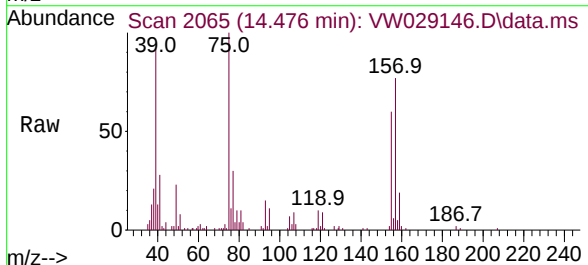
Tgt Ion: 75 Resp: 12774

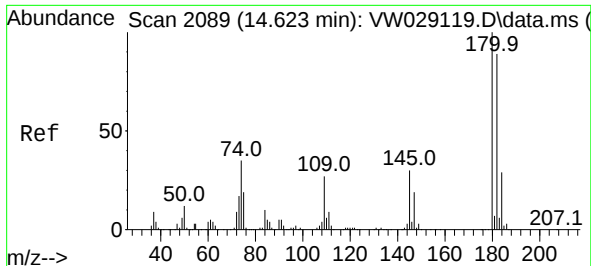
Ion Ratio Lower Upper

75 100

155 60.3 52.3 78.5

157 76.8 71.0 106.4





#69

1,3,5-Trichlorobenzene

Concen: 25.520 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

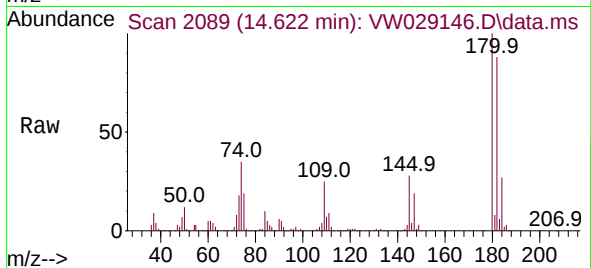
Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 126538

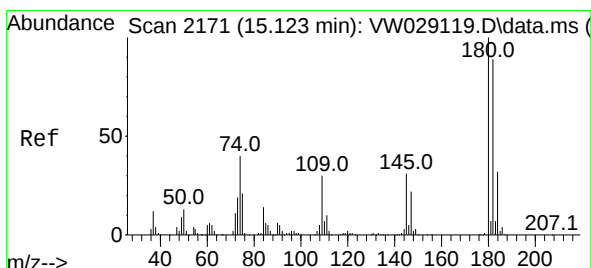
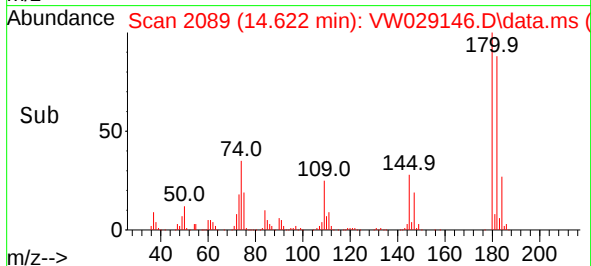
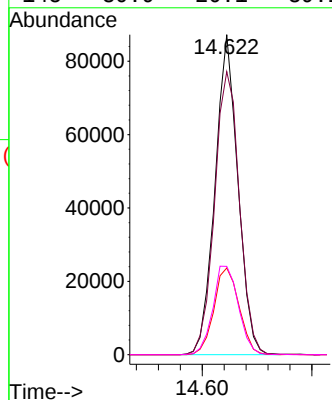
Ion Ratio Lower Upper

180 100

182 96.0 77.4 116.0

184 29.7 24.6 36.8

145 30.9 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 26.195 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029146.D

Acq: 14 Jun 2024 08:55

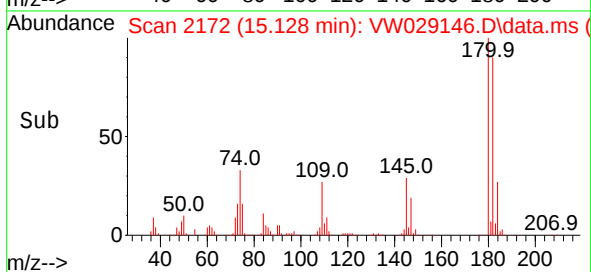
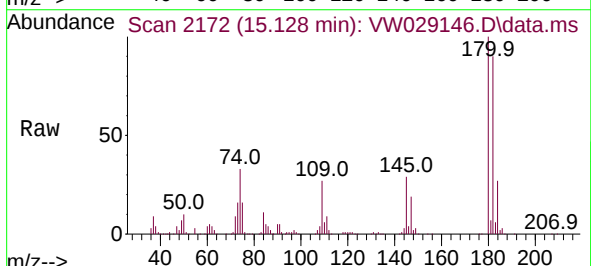
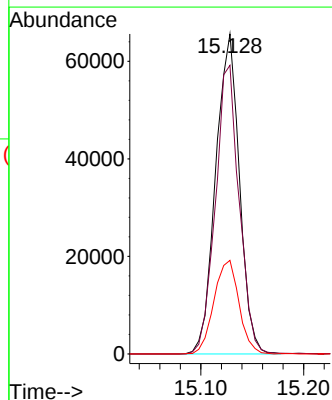
Tgt Ion:180 Resp: 105271

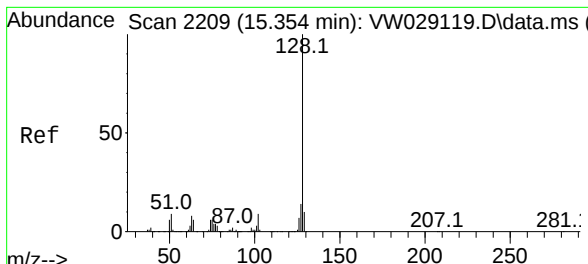
Ion Ratio Lower Upper

180 100

182 90.2 75.3 112.9

145 30.8 26.2 39.2



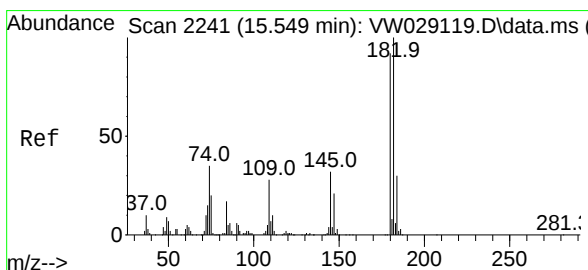
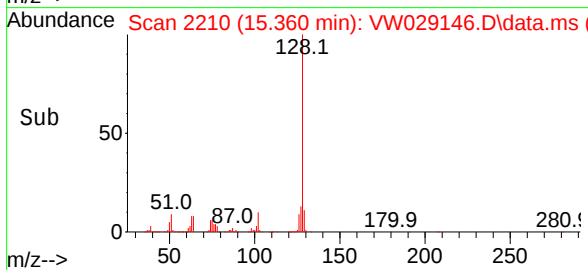
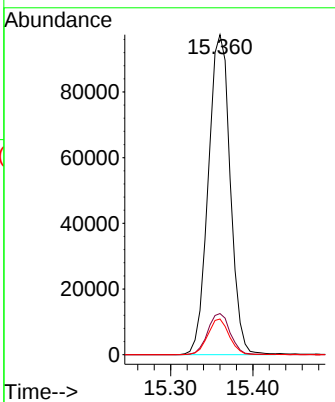
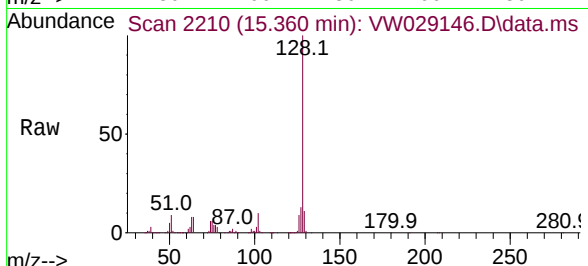


#71
Naphthalene
Concen: 26.360 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW029146.D
Acq: 14 Jun 2024 08:55

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 180491

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	10.9	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 26.687 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW029146.D
Acq: 14 Jun 2024 08:55

Tgt Ion:180 Resp: 91630

Ion	Ratio	Lower	Upper
180	100		
182	92.8	75.4	113.0
145	33.2	26.6	39.8

