

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071624\
 Data File : VW029585.D
 Acq On : 16 Jul 2024 10:14
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 17 00:48:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 15 23:59:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	256342	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	230647	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	114089	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	90549	21.866	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.480%
7) Chloroethane-d5	2.893	69	71317	23.918	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.680%
11) 1,1-Dichloroethene-d2	4.015	65	45656	24.552	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.200%
21) 2-Butanone-d5	7.075	46	65688	52.843	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.680%
24) Chloroform-d	7.648	84	201031	27.127	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.520%
26) 1,2-Dichloroethane-d4	8.301	65	117729	27.085	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.320%
32) Benzene-d6	8.270	84	380346	27.527	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.120%
36) 1,2-Dichloropropane-d6	9.270	67	123456	27.945	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.800%
41) Toluene-d8	10.319	98	343275	28.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.000%
43) trans-1,3-Dichloroprop...	10.575	79	47862	25.584	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.320%
47) 2-Hexanone-d5	10.922	63	45776	57.023	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99851	27.838	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	106272	26.747	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	42701	17.011	ug/L	93
3) Chloromethane	2.222	50	73728	21.953	ug/L	97
5) Vinyl chloride	2.375	62	89910	23.459	ug/L	95
6) Bromomethane	2.783	94	51875	22.859	ug/L	96
8) Chloroethane	2.936	64	58150	24.657	ug/L	98
9) Trichlorofluoromethane	3.259	101	76809	22.263	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	76741	22.602	ug/L	94
12) 1,1-Dichloroethene	4.045	96	78140	24.512	ug/L	94
13) Acetone	4.118	43	55085	43.904	ug/L	99
14) Carbon disulfide	4.387	76	231869	22.397	ug/L	99
15) Methyl Acetate	4.667	43	52787	23.963	ug/L	98
16) Methylene chloride	4.917	84	101293	22.071	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	88687	25.131	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	153414	25.550	ug/L	99
19) 1,1-Dichloroethane	6.216	63	192560	26.570	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	101371	26.269	ug/L	99
22) 2-Butanone	7.167	43	77426	47.007	ug/L	99
23) Bromochloromethane	7.508	128	44159	25.441	ug/L	94
25) Chloroform	7.673	83	190764	27.204	ug/L	99

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 QLast Update : Mon Jul 15 23:59:48 2024
 Response via : Initial Calibration

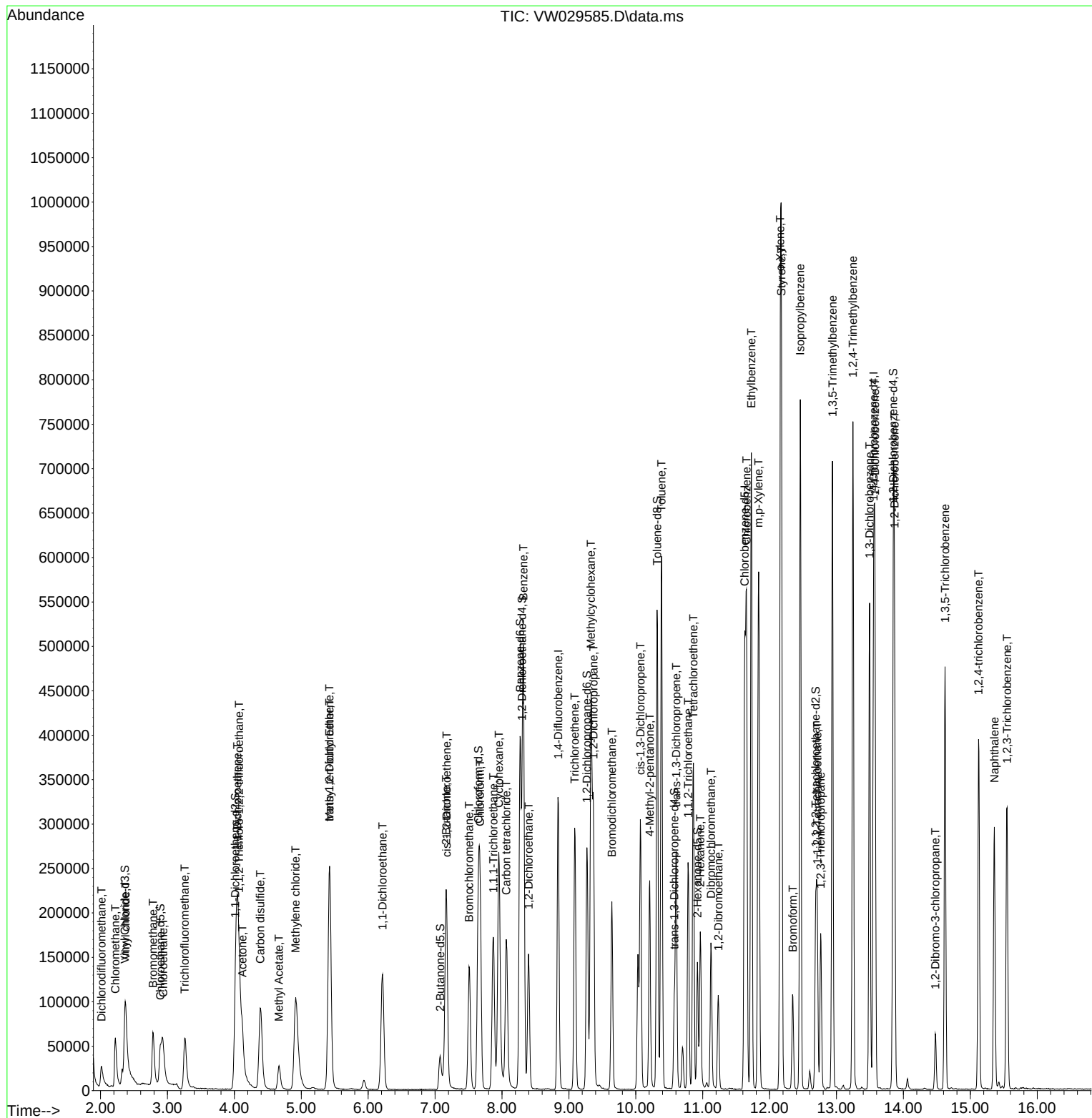
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	138174	26.271	ug/L	97
29) Cyclohexane	7.953	56	160103	27.877	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	138781	26.349	ug/L	98
31) Carbon tetrachloride	8.063	117	126443	26.214	ug/L	100
33) Benzene	8.319	78	402172	27.869	ug/L	100
34) Trichloroethene	9.087	95	103742	27.223	ug/L	93
35) Methylcyclohexane	9.331	83	171526	28.003	ug/L	99
37) 1,2-Dichloropropane	9.368	63	111207	27.868	ug/L	100
38) Bromodichloromethane	9.642	83	136075	27.917	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	168730	28.151	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	159427	56.687	ug/L	100
42) Toluene	10.386	91	415715	28.159	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	139502	27.156	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	76481	26.649	ug/L	97
46) Tetrachloroethene	10.861	164	76598	28.292	ug/L	89
48) 2-Hexanone	10.965	43	116062	54.931	ug/L	99
49) Dibromochloromethane	11.123	129	82232	27.533	ug/L	98
50) 1,2-Dibromoethane	11.233	107	70304	25.706	ug/L	95
51) Chlorobenzene	11.654	112	259323	27.172	ug/L	99
52) Ethylbenzene	11.727	91	484868	28.989	ug/L	100
53) m,p-Xylene	11.837	106	174683	28.449	ug/L	89
54) o-Xylene	12.160	106	168154	29.609	ug/L	100
55) Styrene	12.178	104	295439	29.585	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	94656	26.147	ug/L	98
59) Bromoform	12.349	173	46389	26.341	ug/L	96
60) Isopropylbenzene	12.458	105	463883	28.897	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	71913	26.045	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	351096	30.748	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	377370	29.944	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	198116	27.534	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	196191	26.615	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	175032	26.910	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	16629	25.192	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	127069	27.071	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	111247	26.935	ug/L	98
71) Naphthalene	15.360	128	224590	25.907	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	97856	26.077	ug/L	97

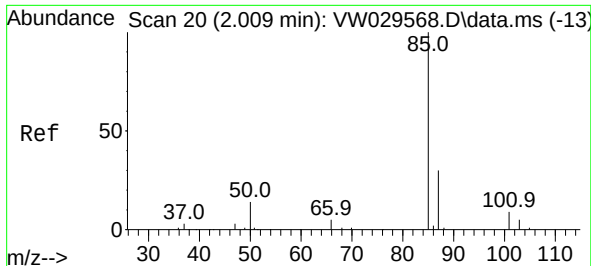
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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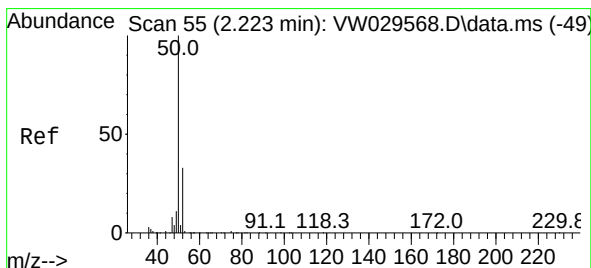
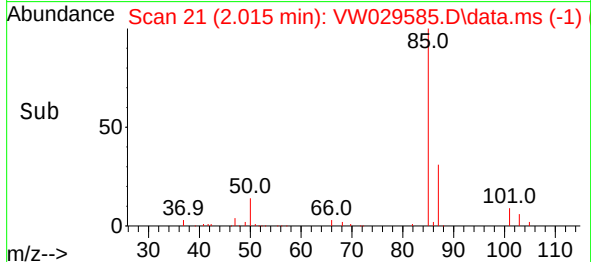
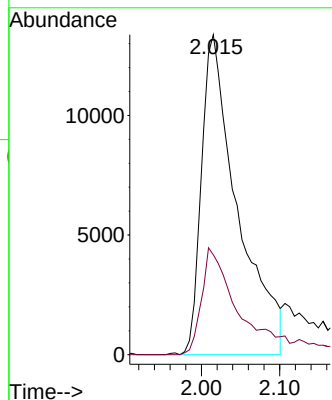
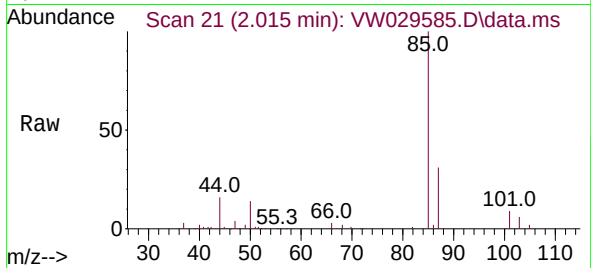




#2
 Dichlorodifluoromethane
 Concen: 17.011 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029585.D
 Acq: 16 Jul 2024 10:14

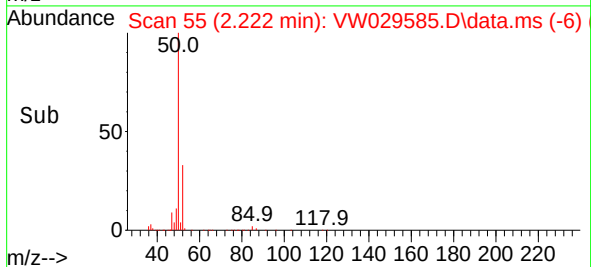
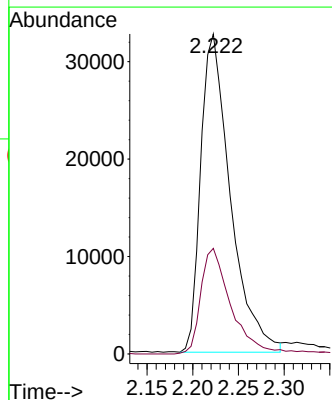
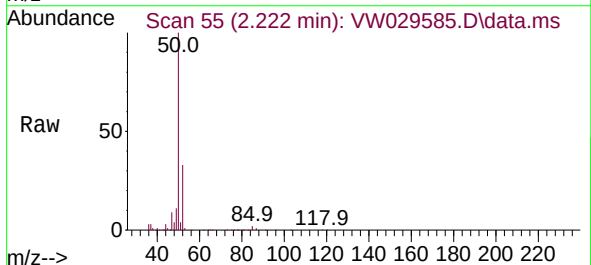
Instrument :
 MSVOA_W
 ClientSampleId :

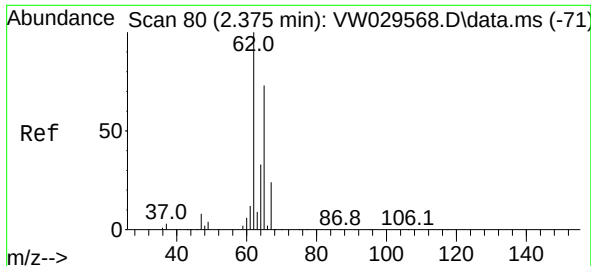
Tgt Ion: 85 Resp: 42701
 Ion Ratio Lower Upper
 85 100
 87 28.6 26.1 39.1



#3
 Chloromethane
 Concen: 21.953 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029585.D
 Acq: 16 Jul 2024 10:14

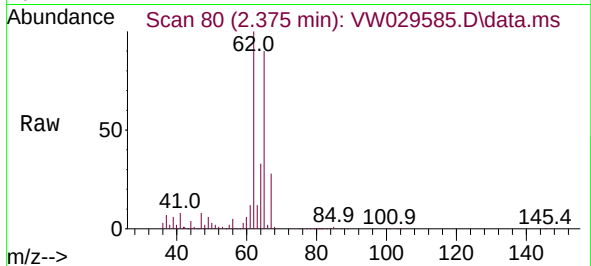
Tgt Ion: 50 Resp: 73728
 Ion Ratio Lower Upper
 50 100
 52 33.0 24.4 45.2



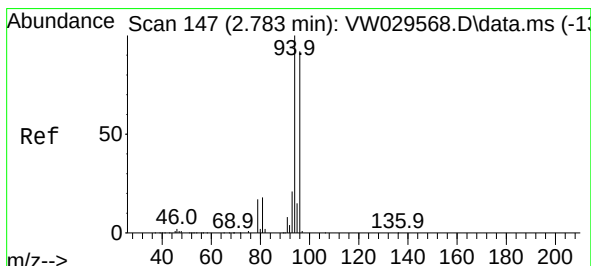
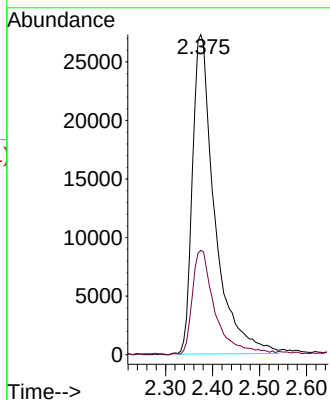
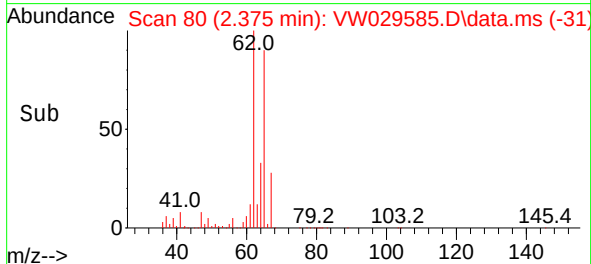


#5
 Vinyl chloride
 Concen: 23.459 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029585.D
 Acq: 16 Jul 2024 10:14

Instrument :
 MSVOA_W
 ClientSampleId :

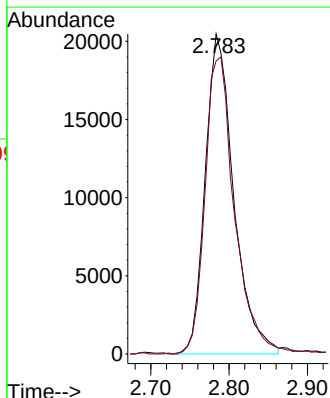
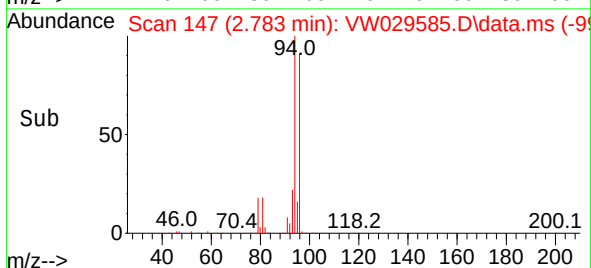
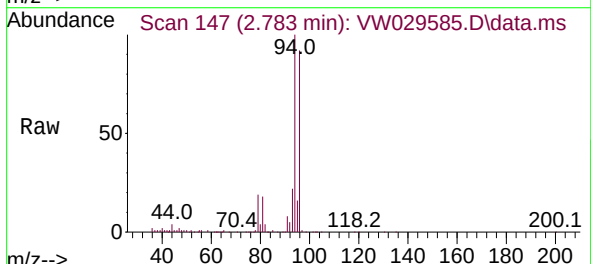


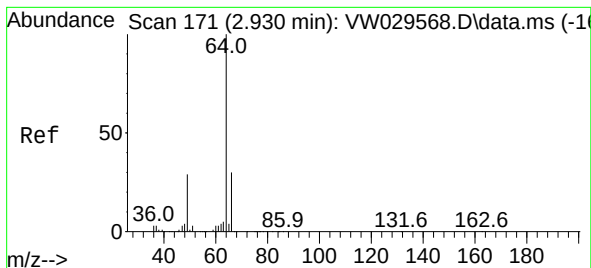
Tgt Ion: 62 Resp: 89910
 Ion Ratio Lower Upper
 62 100
 64 32.6 25.1 46.5



#6
 Bromomethane
 Concen: 22.859 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW029585.D
 Acq: 16 Jul 2024 10:14

Tgt Ion: 94 Resp: 51875
 Ion Ratio Lower Upper
 94 100
 96 91.6 61.7 114.7





#8

Chloroethane

Concen: 24.657 ug/L

RT: 2.936 min Scan# 171

Delta R.T. -0.000 min

Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

Instrument :

MSVOA_W

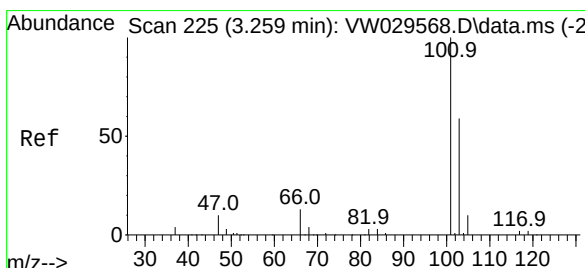
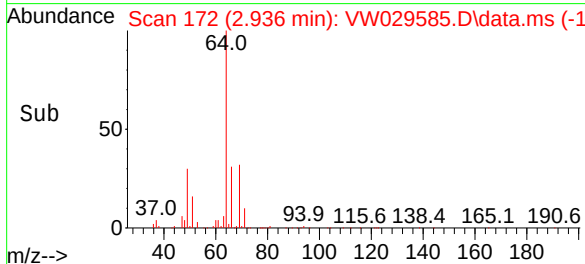
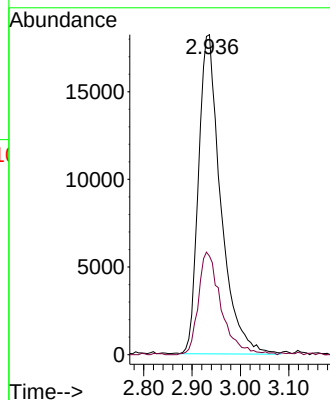
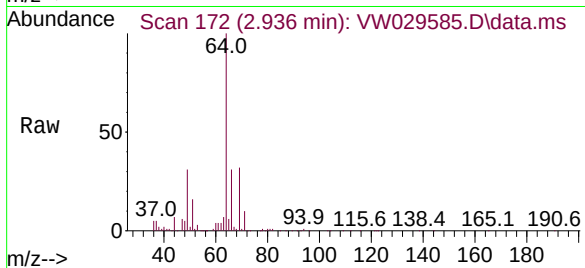
ClientSampleId :

Tgt Ion: 64 Resp: 58150

Ion Ratio Lower Upper

64 100

66 30.8 22.3 41.3



#9

Trichlorofluoromethane

Concen: 22.263 ug/L

RT: 3.259 min Scan# 225

Delta R.T. -0.012 min

Lab File: VW029585.D

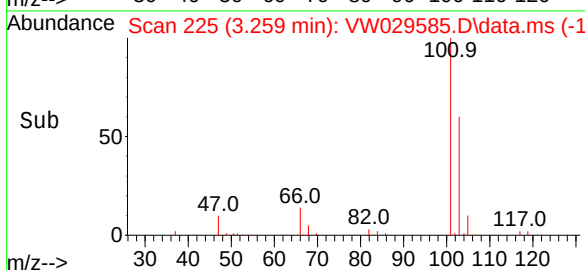
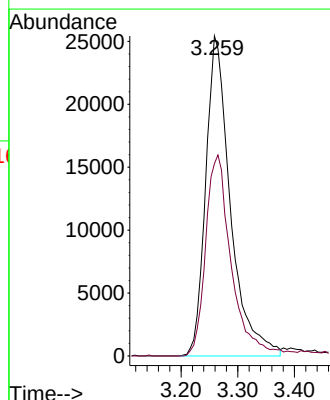
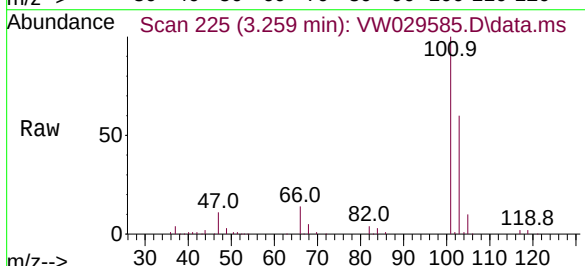
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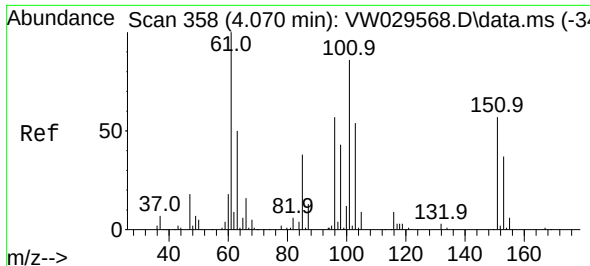
Tgt Ion:101 Resp: 76809

Ion Ratio Lower Upper

101 100

103 64.1 49.6 74.4





#10

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

Concen: 22.602 ug/L

RT: 4.070 min Scan# 358

Delta R.T. -0.006 min

Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

Instrument :

MSVOA_W

ClientSampleId :

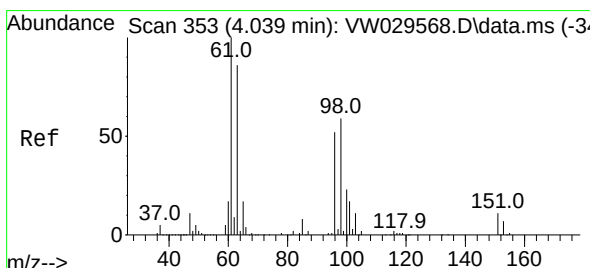
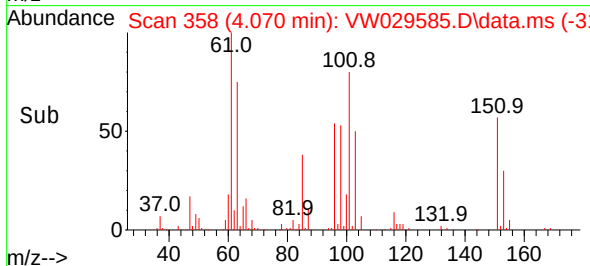
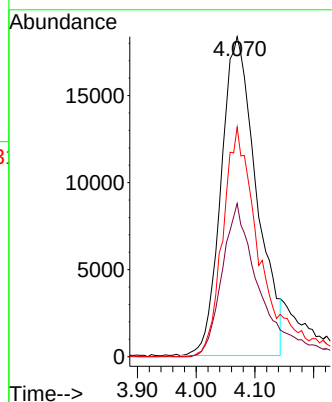
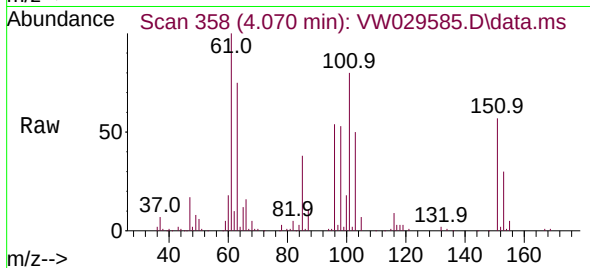
Tgt Ion:101 Resp: 76741

Ion Ratio Lower Upper

101 100

85 49.7 33.8 50.8

151 66.8 55.4 83.0



#12

1,1-Dichloroethene

Concen: 24.512 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

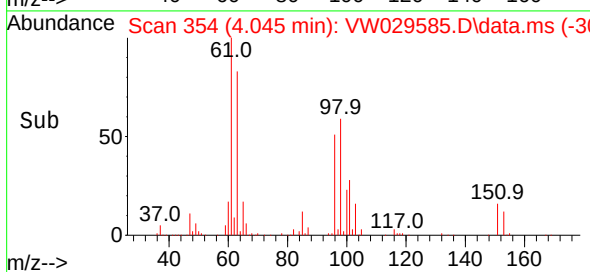
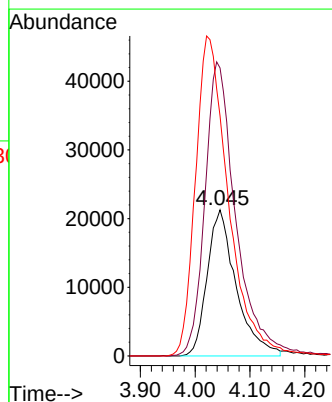
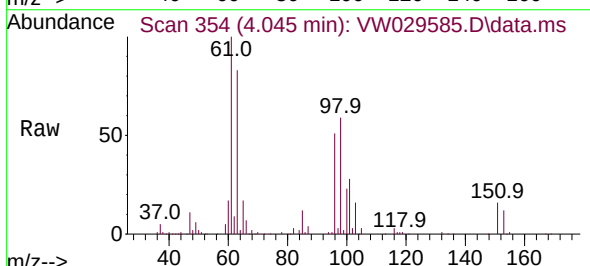
Tgt Ion: 96 Resp: 78140

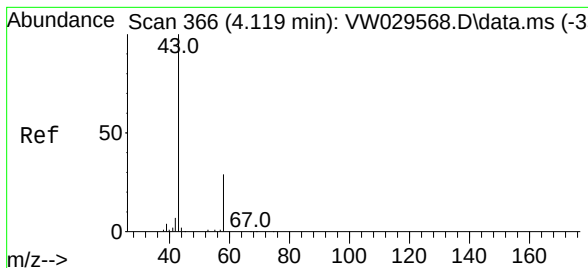
Ion Ratio Lower Upper

96 100

61 197.2 132.4 245.8

63 164.4 108.4 201.2





#13

Acetone

Concen: 43.904 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.012 min

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Instrument :

MSVOA_W

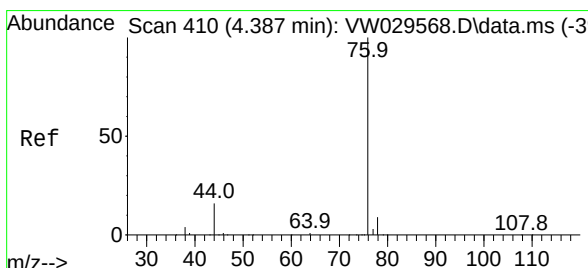
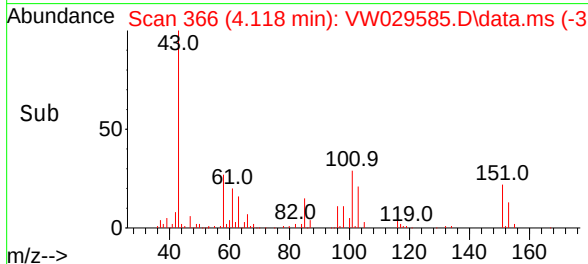
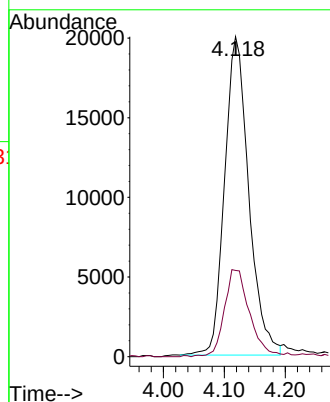
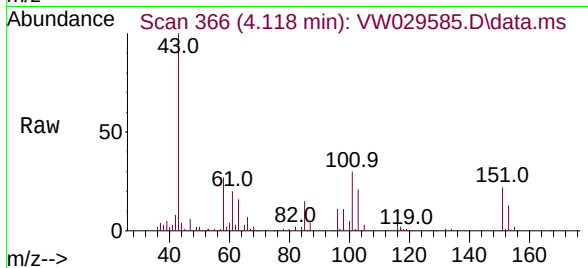
ClientSampleId :

Tgt Ion: 43 Resp: 55085

Ion Ratio Lower Upper

43 100

58 28.3 0.0 55.6



#14

Carbon disulfide

Concen: 22.397 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.000 min

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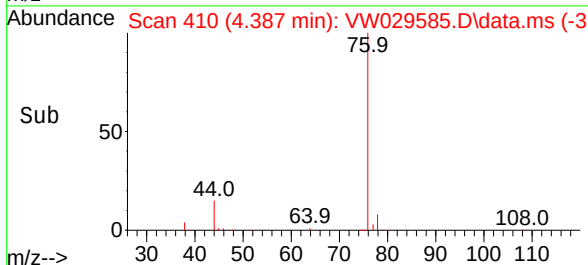
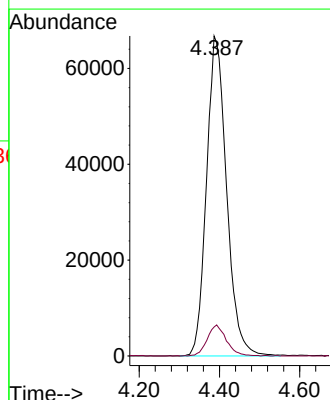
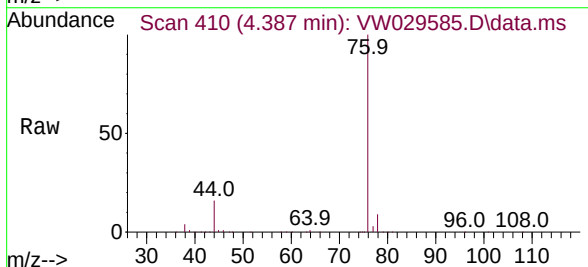
Acq: 16 Jul 2024 10:14

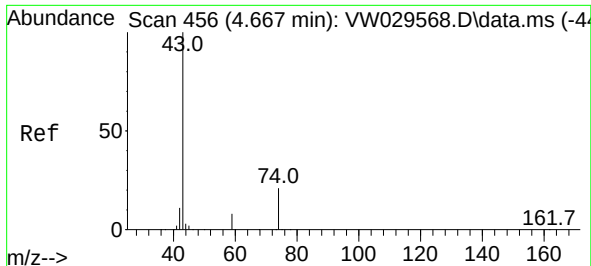
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Ion Ratio Lower Upper

76 100

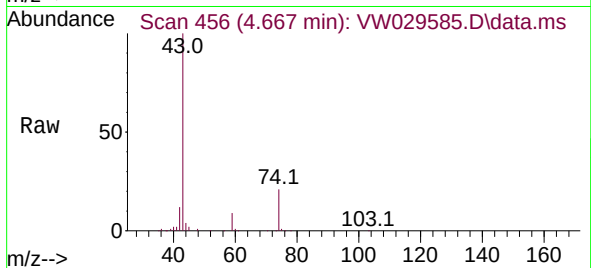
78 9.0 7.0 10.4



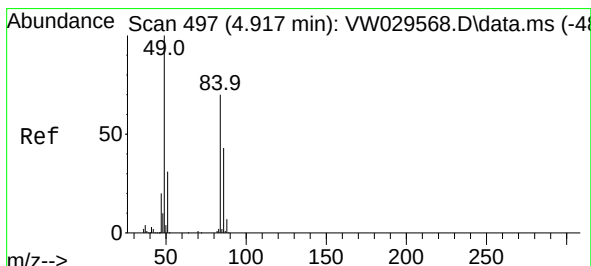
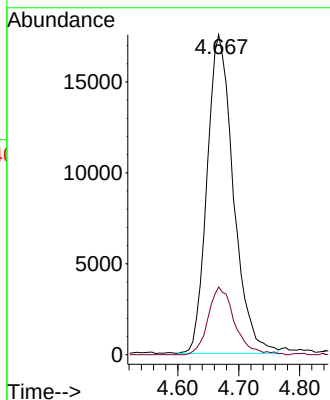
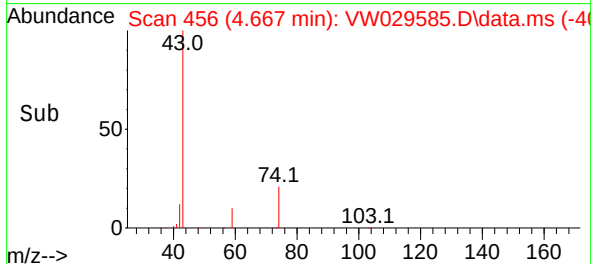


#15
Methyl Acetate
Concen: 23.963 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

Instrument :
MSVOA_W
ClientSampleId :

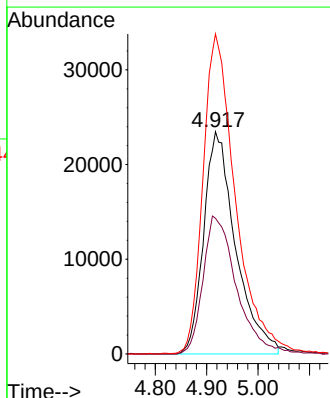
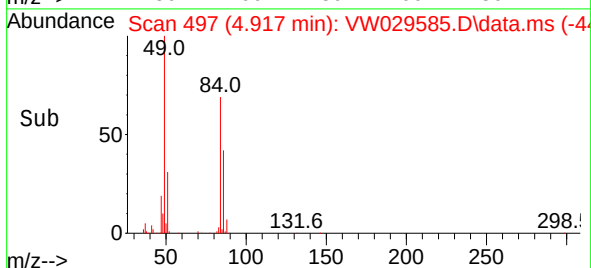
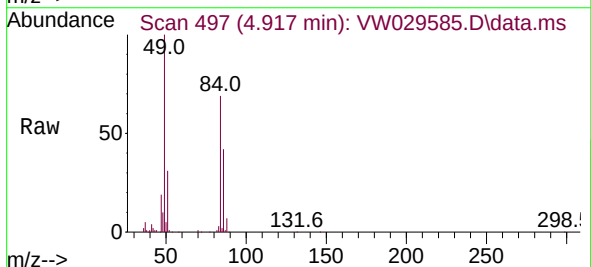


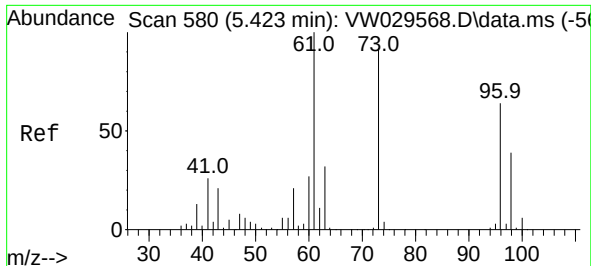
Tgt Ion: 43 Resp: 52787
Ion Ratio Lower Upper
43 100
74 21.2 16.2 24.4



#16
Methylene chloride
Concen: 22.071 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

Tgt Ion: 84 Resp: 101293
Ion Ratio Lower Upper
84 100
86 61.1 46.2 85.8
49 144.0 96.7 179.7





#17

trans-1,2-Dichloroethene

Concen: 25.131 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

Instrument :

MSVOA_W

ClientSampleId :

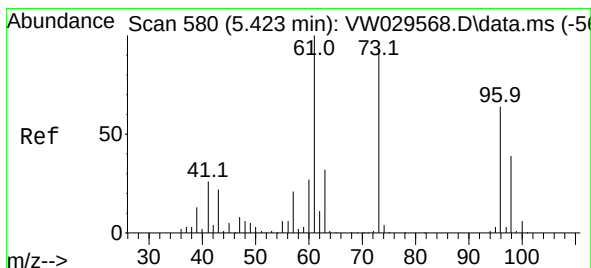
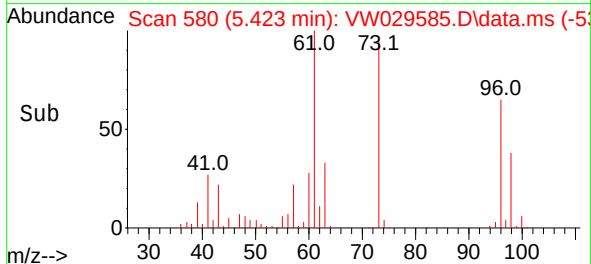
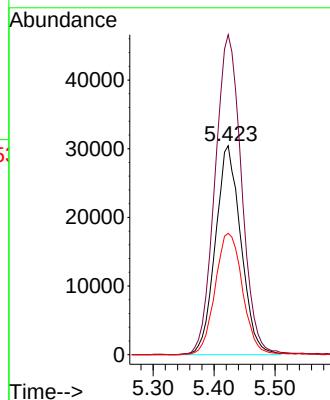
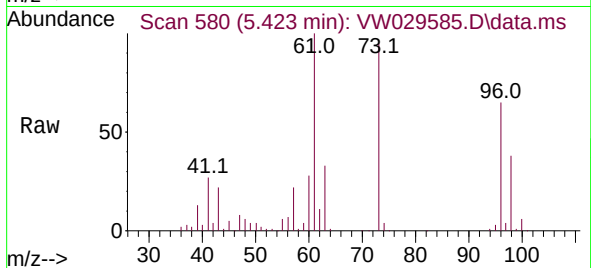
Tgt Ion: 96 Resp: 88687

Ion Ratio Lower Upper

96 100

61 153.2 102.9 191.1

98 58.0 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 25.550 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

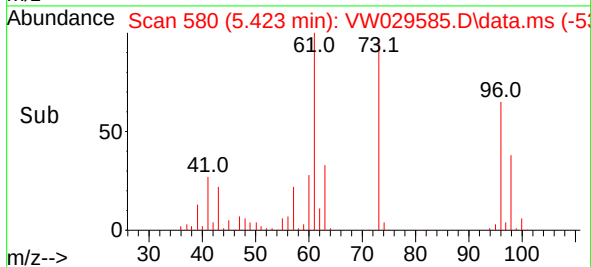
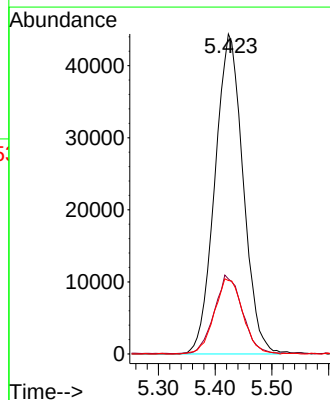
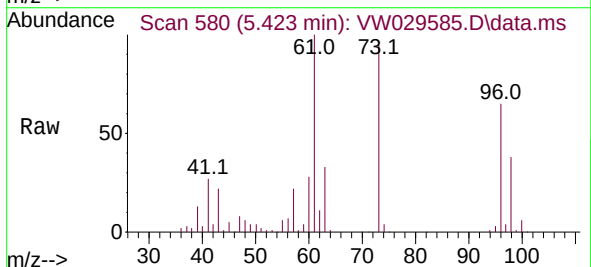
Tgt Ion: 73 Resp: 153414

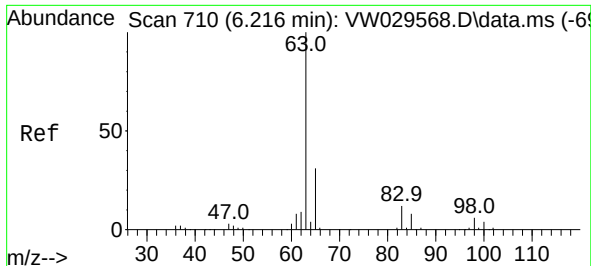
Ion Ratio Lower Upper

73 100

43 24.3 18.7 28.1

57 23.8 18.9 28.3





#19

1,1-Dichloroethane

Concen: 26.570 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

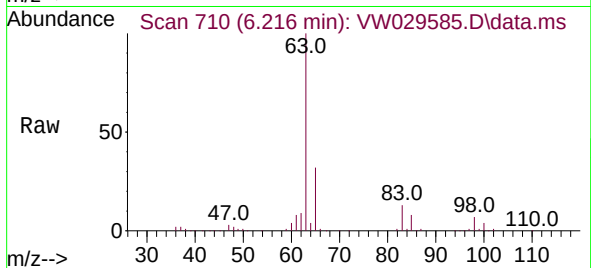
Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

Instrument :

MSVOA_W

ClientSampleId :



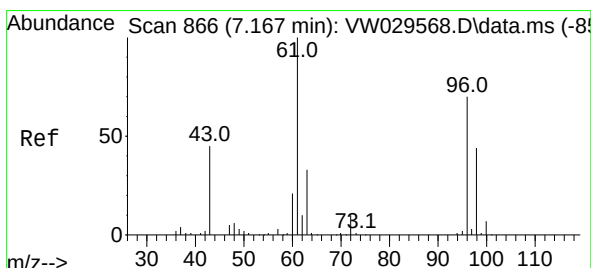
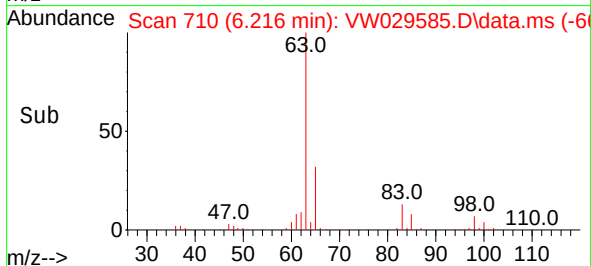
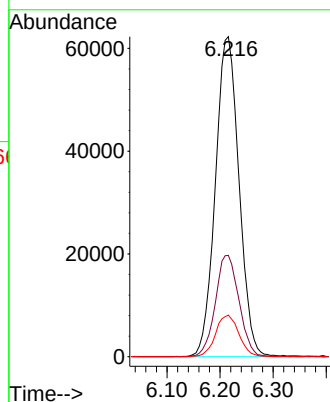
Tgt Ion: 63 Resp: 192560

Ion Ratio Lower Upper

63 100

65 31.7 21.5 39.9

83 13.0 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 26.269 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

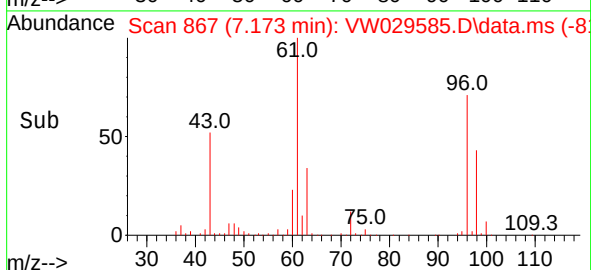
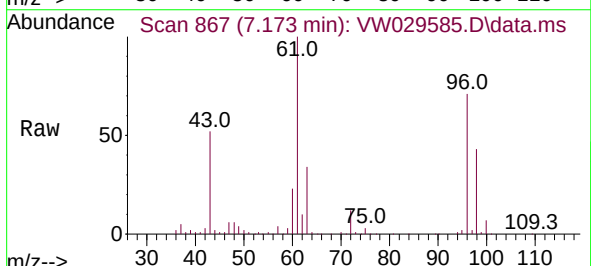
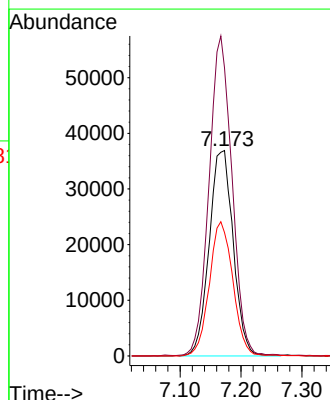
Tgt Ion: 96 Resp: 101371

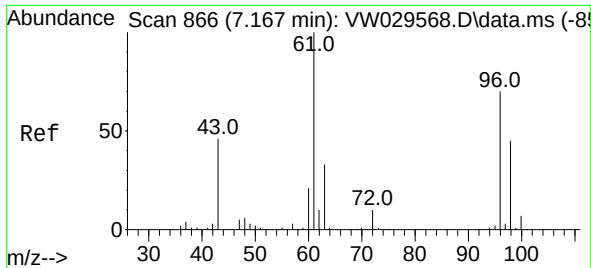
Ion Ratio Lower Upper

96 100

61 140.1 97.4 180.8

98 60.0 41.6 77.2

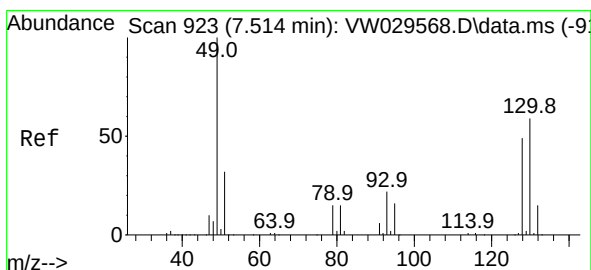
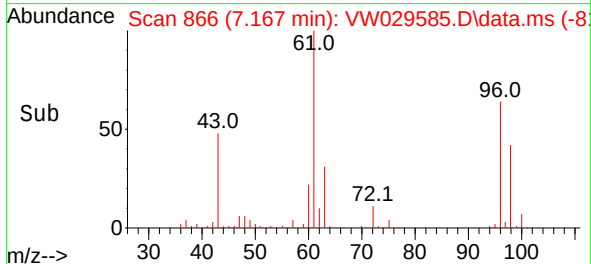
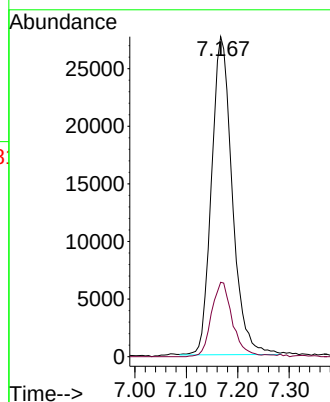
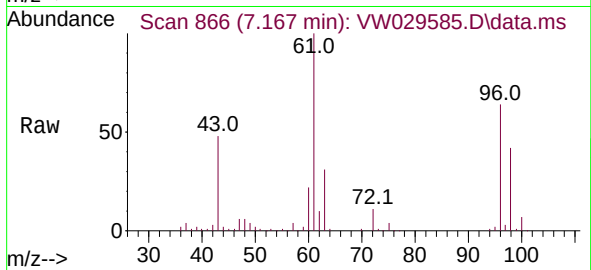




#22
2-Butanone
Concen: 47.007 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

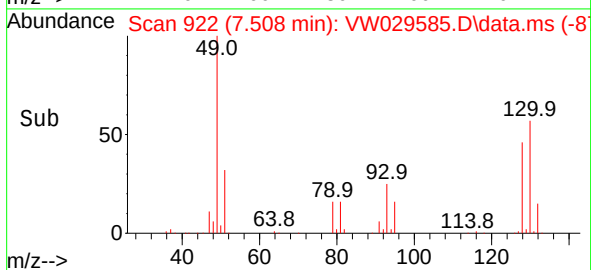
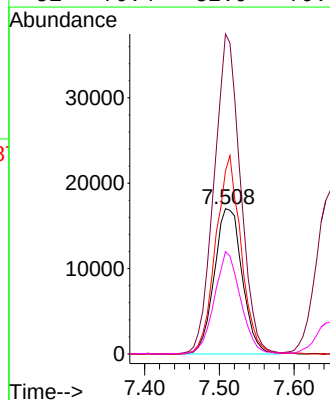
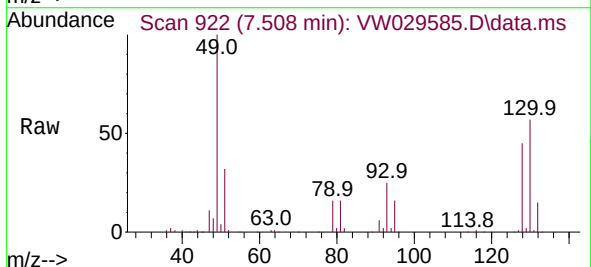
Instrument :
MSVOA_W
ClientSampleId :

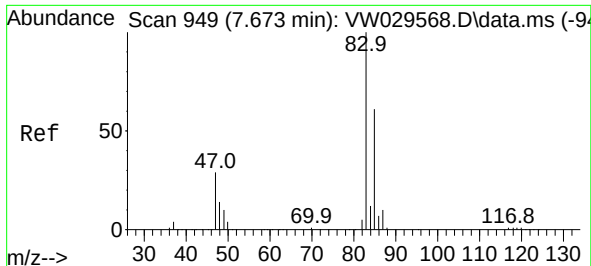
Tgt Ion: 43 Resp: 77426
Ion Ratio Lower Upper
43 100
72 23.5 12.0 36.1



#23
Bromochloromethane
Concen: 25.441 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

Tgt Ion:128 Resp: 44159
Ion Ratio Lower Upper
128 100
49 220.2 146.2 271.4
130 126.0 91.9 170.7
51 70.4 52.9 79.3

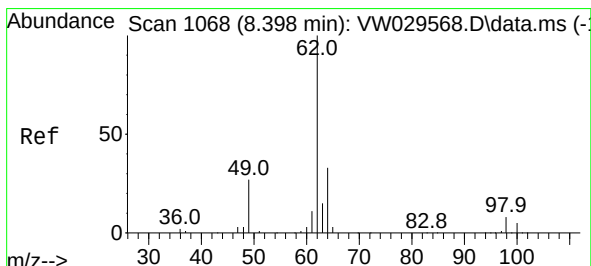
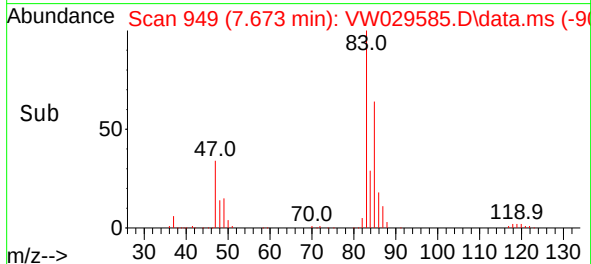
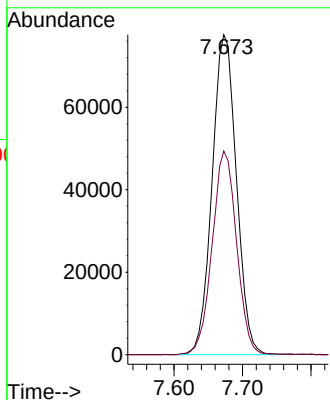
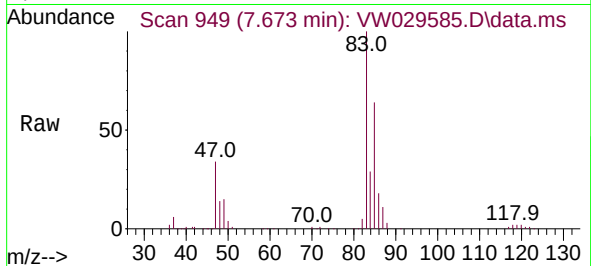




#25
Chloroform
Concen: 27.204 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

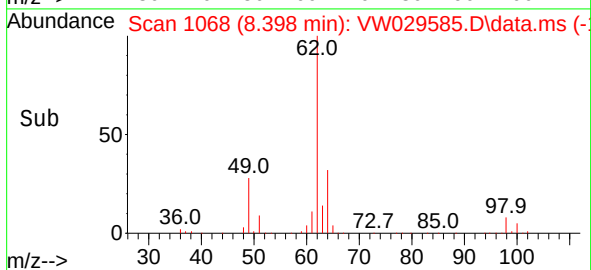
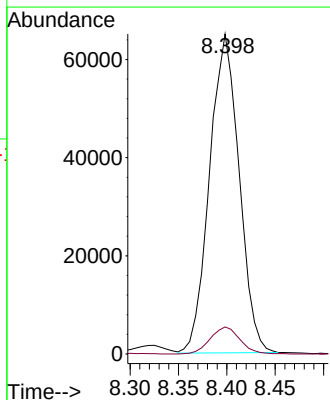
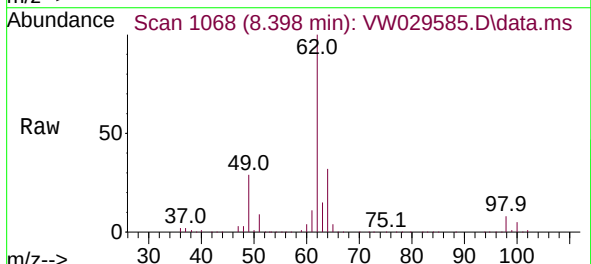
Instrument :
MSVOA_W
ClientSampleId :

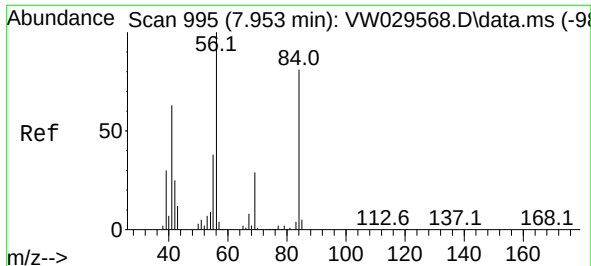
Tgt Ion: 83 Resp: 190764
Ion Ratio Lower Upper
83 100
85 63.6 44.1 81.9



#27
1,2-Dichloroethane
Concen: 26.271 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

Tgt Ion: 62 Resp: 138174
Ion Ratio Lower Upper
62 100
98 8.4 6.0 9.0





#29

Cyclohexane

Concen: 27.877 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

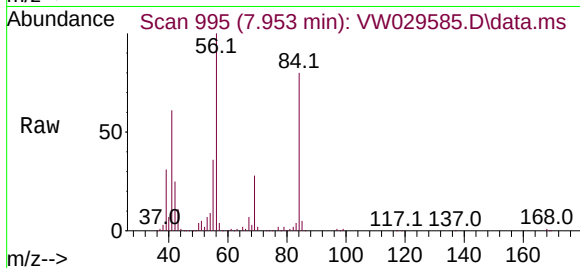
Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

Instrument :

MSVOA_W

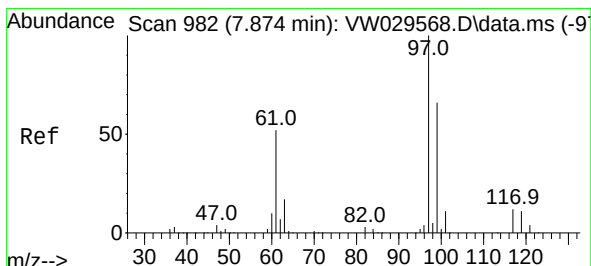
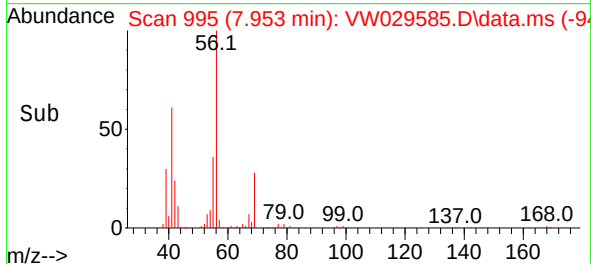
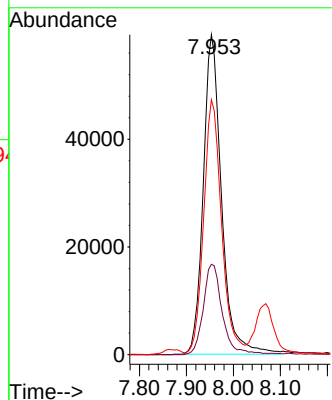
ClientSampleId :



Tgt Ion: 56 Resp: 160103

Ion Ratio Lower Upper

56	100		
69	29.3	23.3	34.9
84	78.0	63.1	94.7



#30

1,1,1-Trichloroethane

Concen: 26.349 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

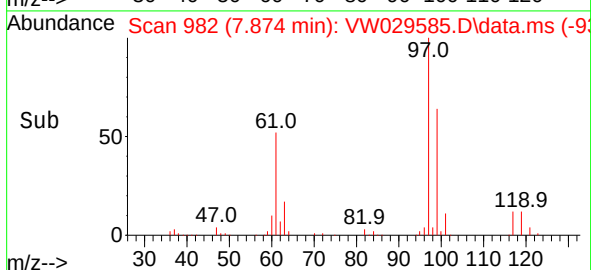
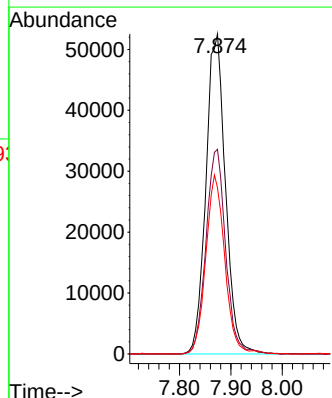
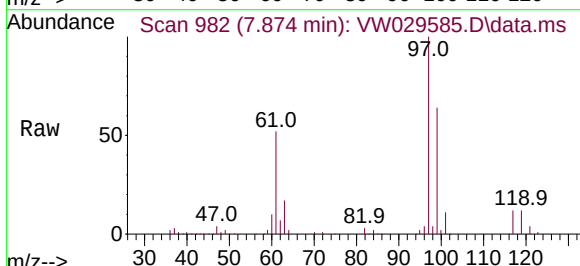
Lab File: VW029585.D

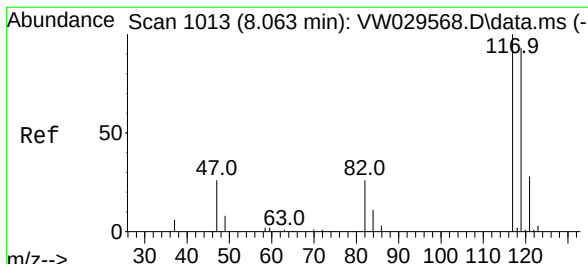
Acq: 16 Jul 2024 10:14

Tgt Ion: 97 Resp: 138781

Ion Ratio Lower Upper

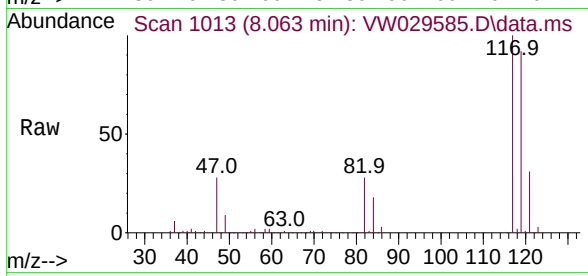
97	100		
99	63.6	51.1	76.7
61	53.9	40.6	61.0



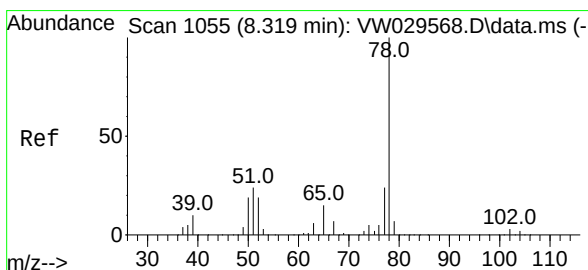
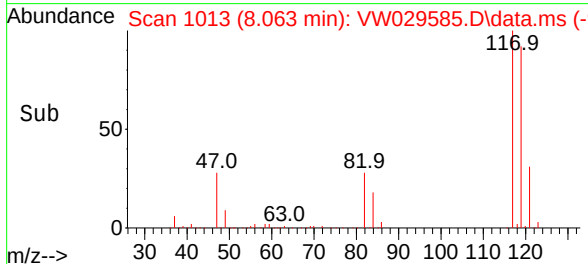
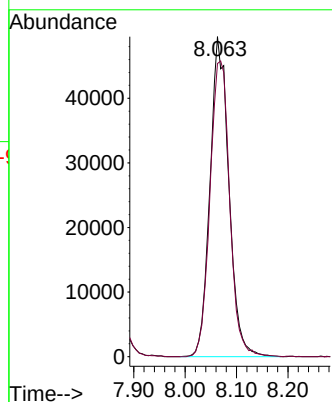


#31
Carbon tetrachloride
Concen: 26.214 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

Instrument :
MSVOA_W
ClientSampleId :

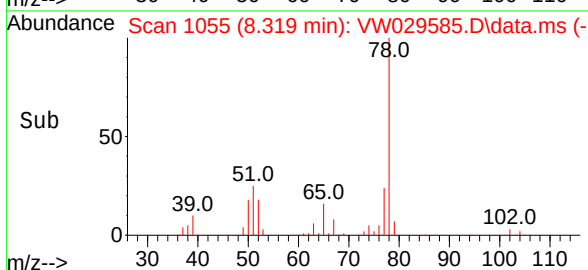
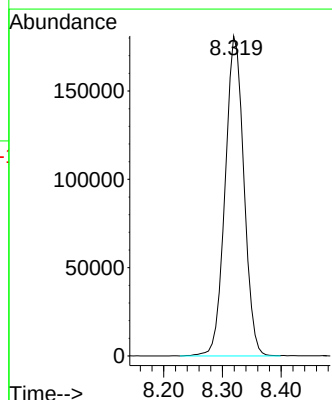
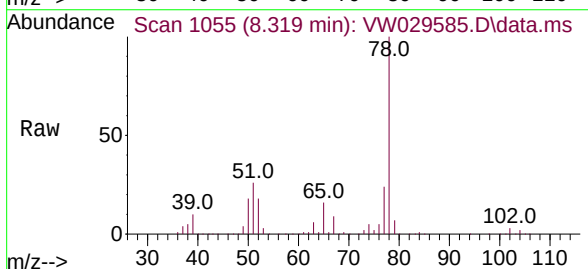


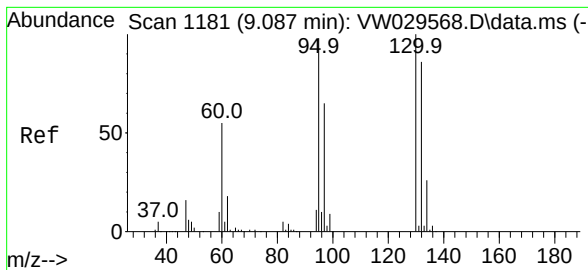
Tgt Ion:117 Resp: 126443
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.6



#33
Benzene
Concen: 27.869 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

Tgt Ion: 78 Resp: 402172





#34

Trichloroethene

Concen: 27.223 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

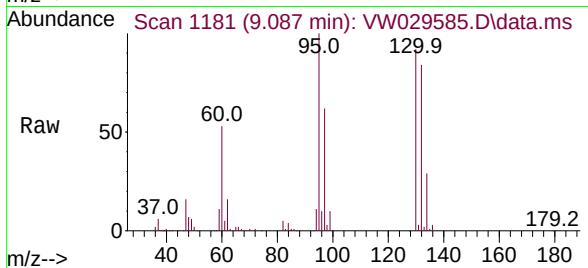
Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 103742

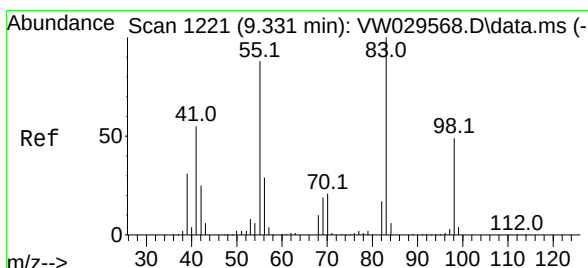
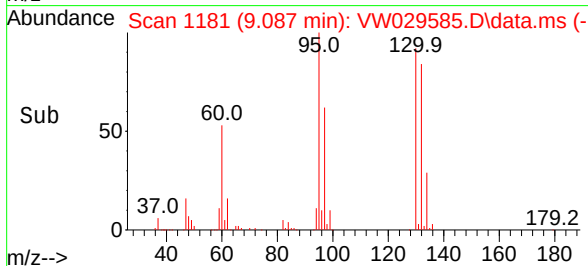
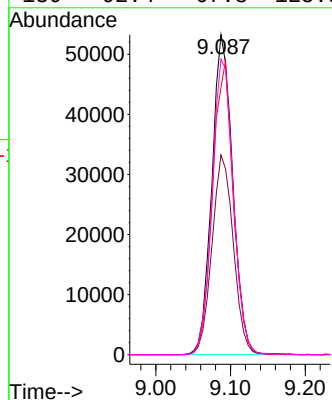
Ion Ratio Lower Upper

95 100

97 62.4 47.3 87.9

132 83.5 65.8 122.2

130 92.4 67.8 125.8



#35

Methylcyclohexane

Concen: 28.003 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

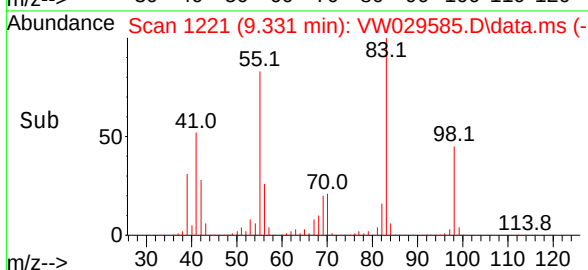
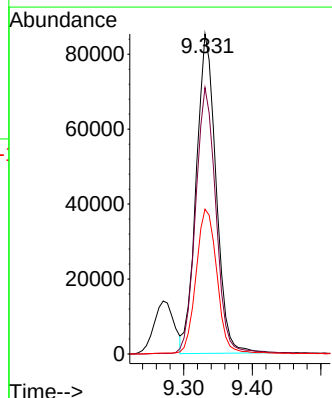
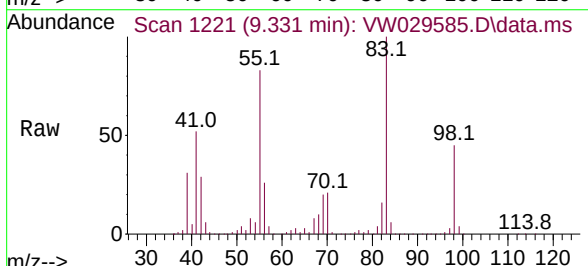
Tgt Ion: 83 Resp: 171526

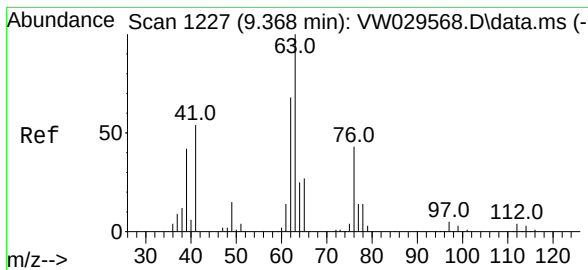
Ion Ratio Lower Upper

83 100

55 85.6 69.6 104.4

98 47.7 38.3 57.5

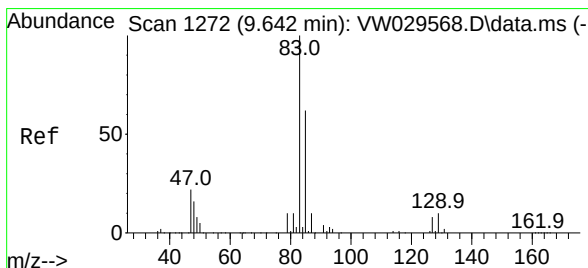
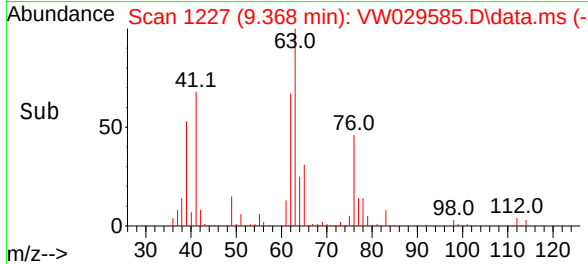
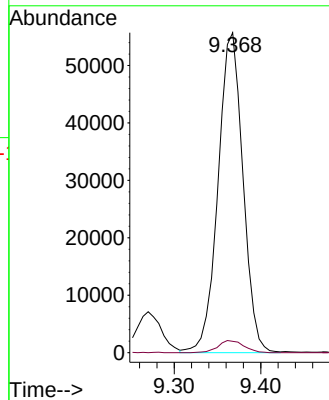
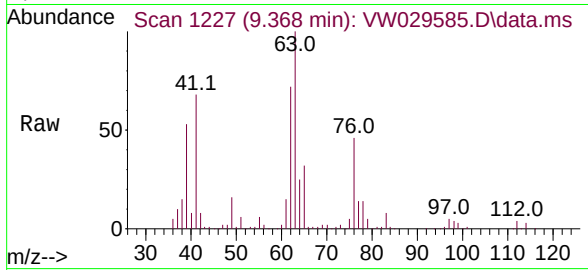




#37
1,2-Dichloropropane
Concen: 27.868 ug/L
RT: 9.368 min Scan# 111207
Delta R.T. -0.000 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

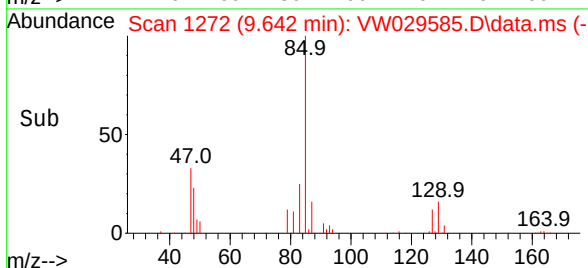
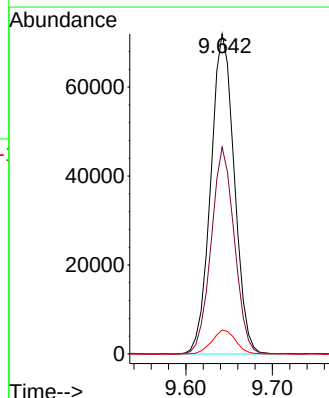
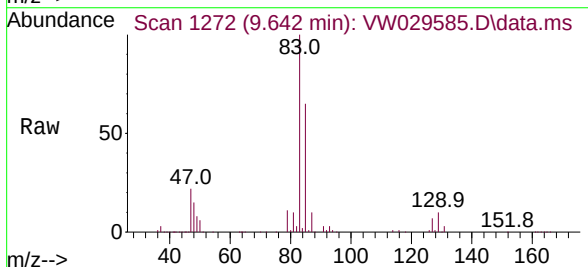
Instrument :
MSVOA_W
ClientSampleId :

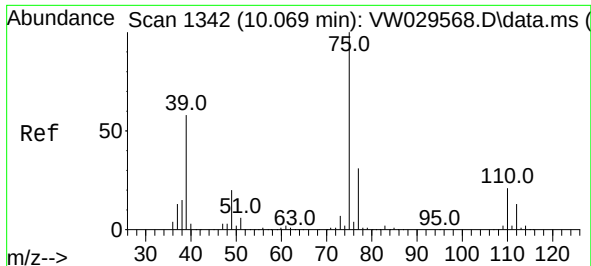
Tgt Ion: 63 Resp: 111207
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 27.917 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

Tgt Ion: 83 Resp: 136075
Ion Ratio Lower Upper
83 100
85 64.6 46.1 85.5
127 7.5 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 28.151 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

Instrument :

MSVOA_W

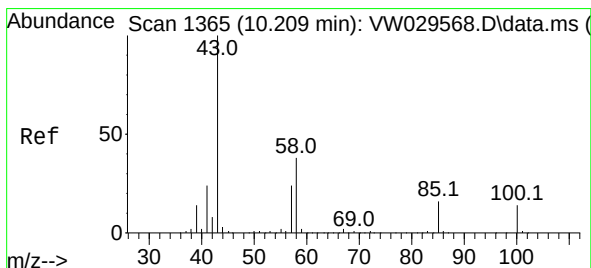
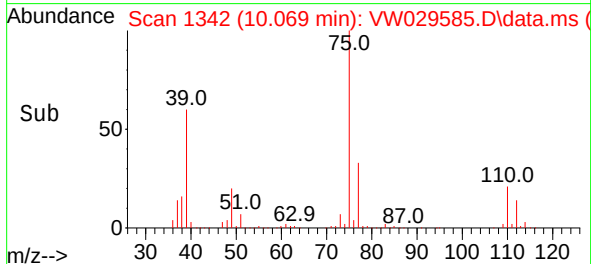
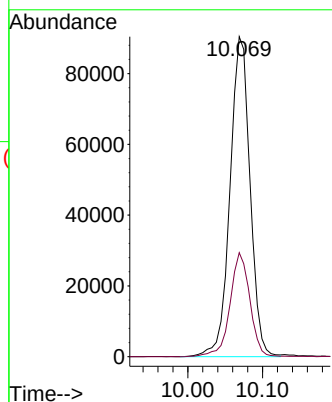
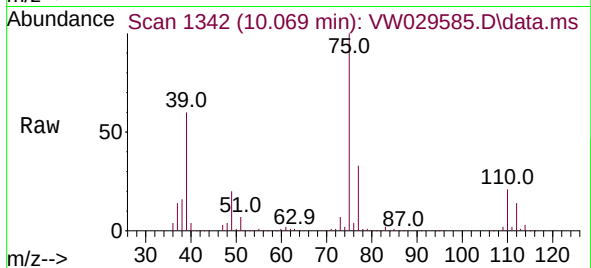
ClientSampleId :

Tgt Ion: 75 Resp: 168730

Ion Ratio Lower Upper

75 100

77 32.5 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 56.687 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

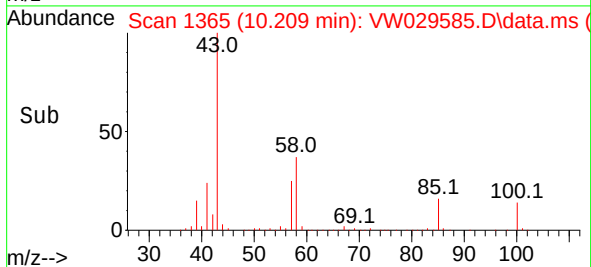
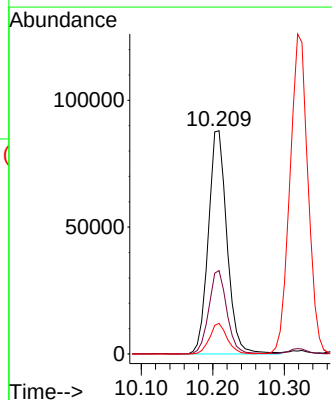
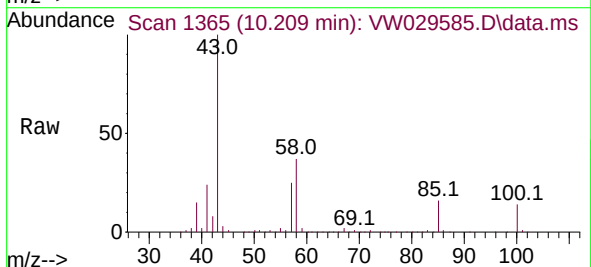
Tgt Ion: 43 Resp: 159427

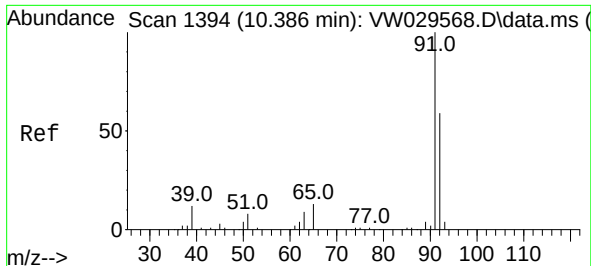
Ion Ratio Lower Upper

43 100

58 36.4 29.0 43.6

100 13.0 10.5 15.7

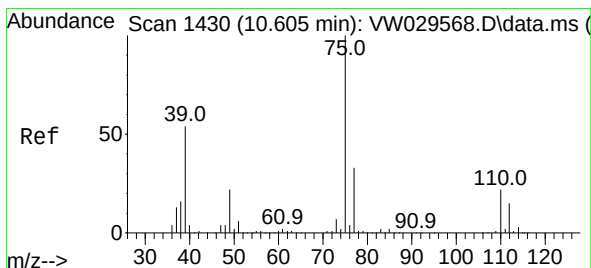
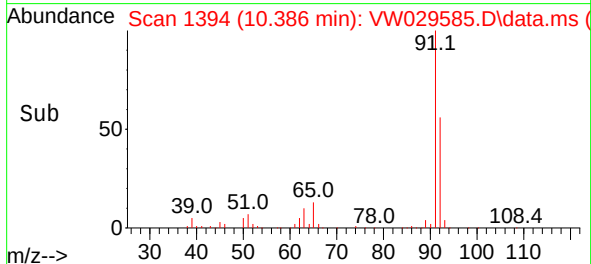
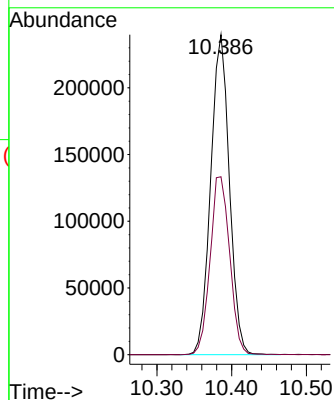
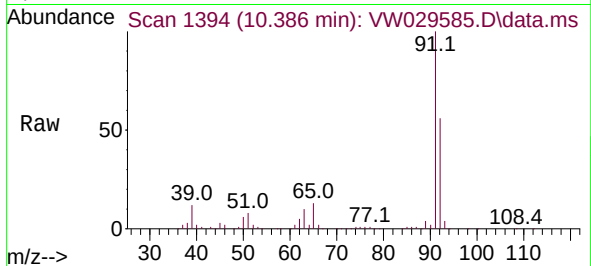




#42
Toluene
Concen: 28.159 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

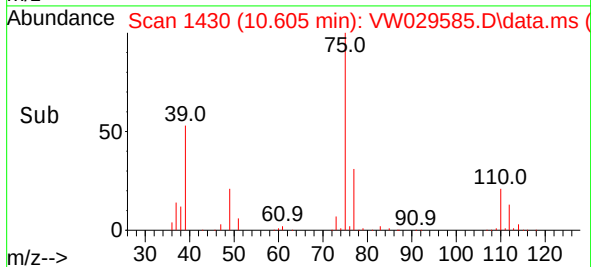
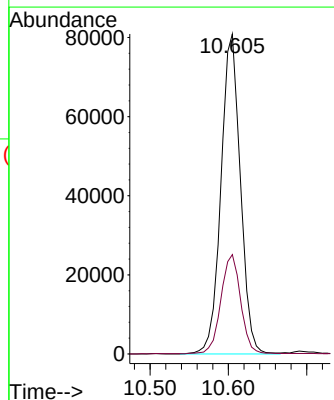
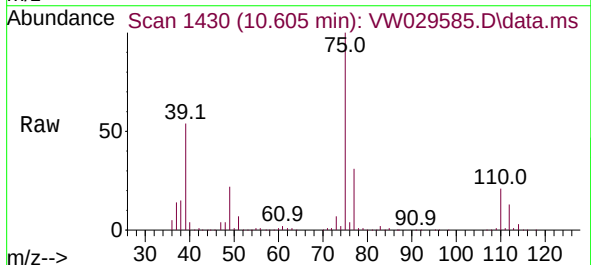
Instrument :
MSVOA_W
ClientSampleId :

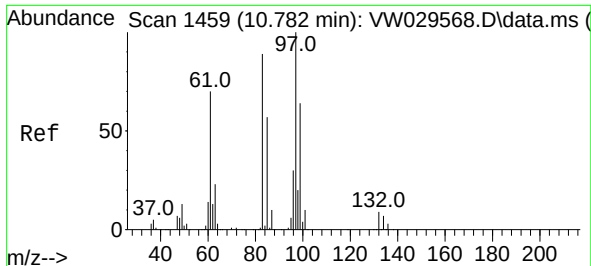
Tgt Ion: 91 Resp: 415715
Ion Ratio Lower Upper
91 100
92 55.6 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 27.156 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

Tgt Ion: 75 Resp: 139502
Ion Ratio Lower Upper
75 100
77 31.1 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 26.649 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 76481

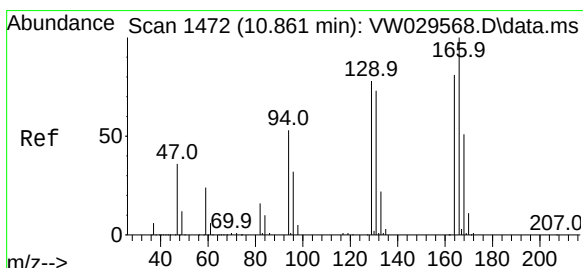
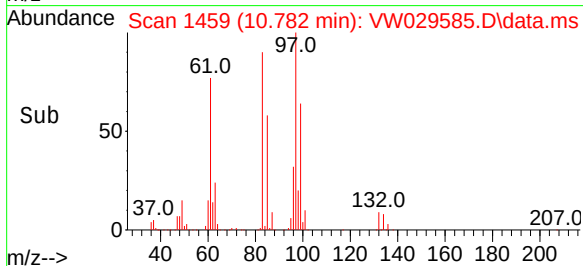
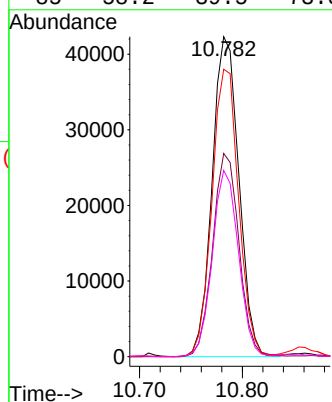
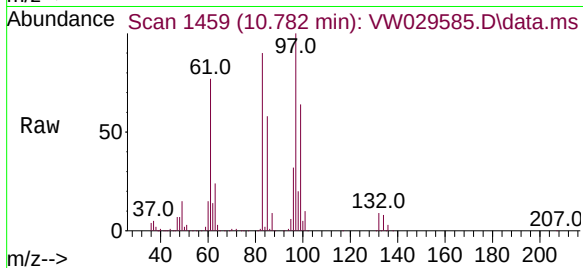
Ion Ratio Lower Upper

97 100

99 63.5 43.8 81.4

83 89.8 60.3 111.9

85 58.2 39.5 73.3



#46

Tetrachloroethene

Concen: 28.292 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

Tgt Ion:164 Resp: 76598

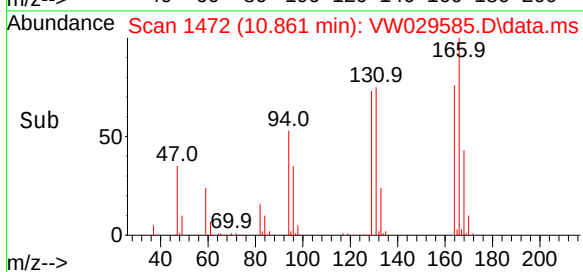
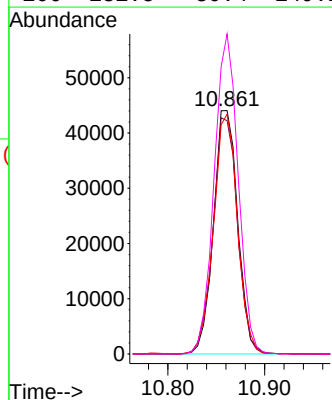
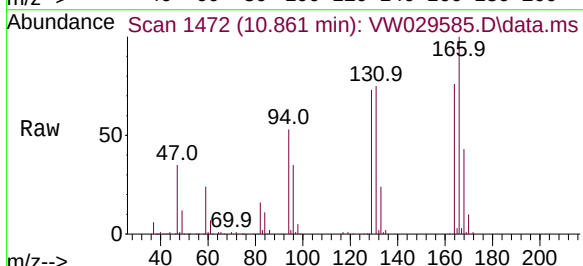
Ion Ratio Lower Upper

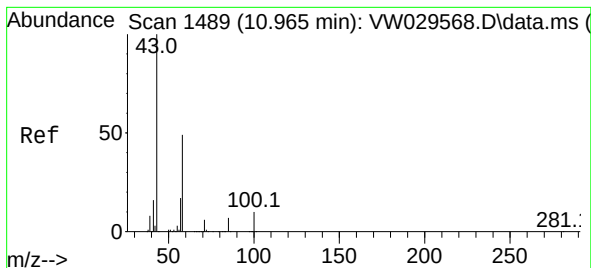
164 100

129 95.8 60.0 111.4

131 98.4 64.6 120.0

166 131.5 80.4 149.2





#48

2-Hexanone

Concen: 54.931 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

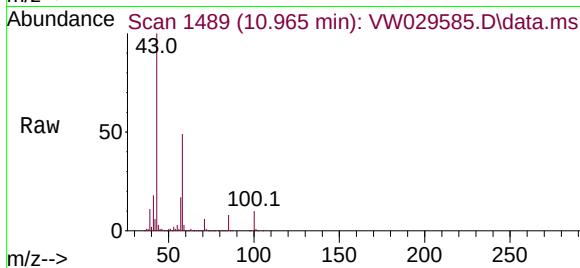
Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 116062

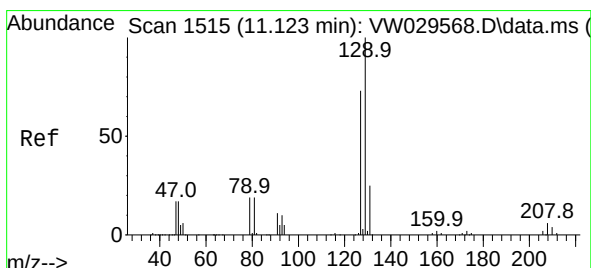
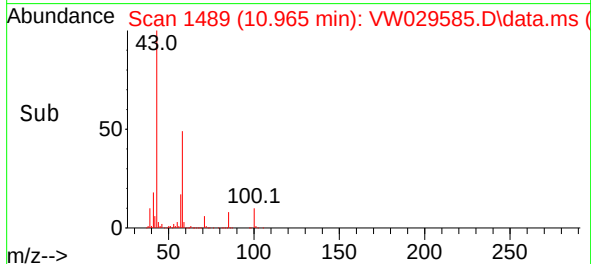
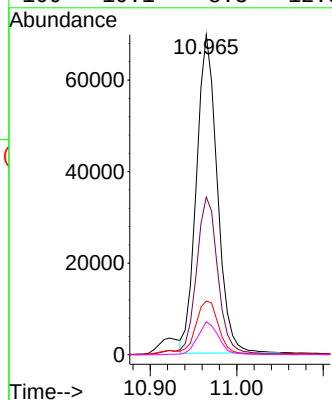
Ion Ratio Lower Upper

43 100

58 50.7 39.8 59.8

57 17.9 14.6 21.8

100 10.1 8.3 12.5



#49

Dibromochloromethane

Concen: 27.533 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW029585.D

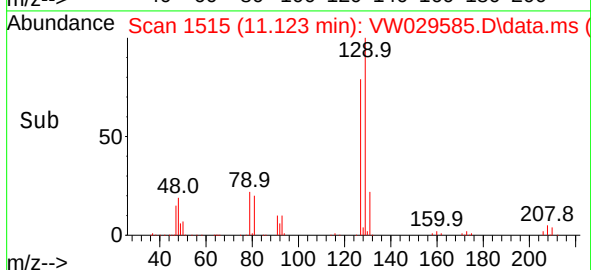
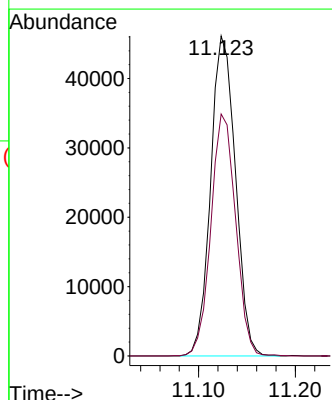
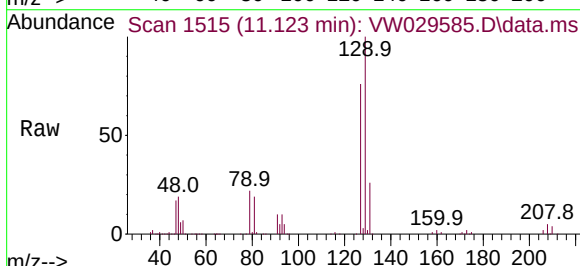
Acq: 16 Jul 2024 10:14

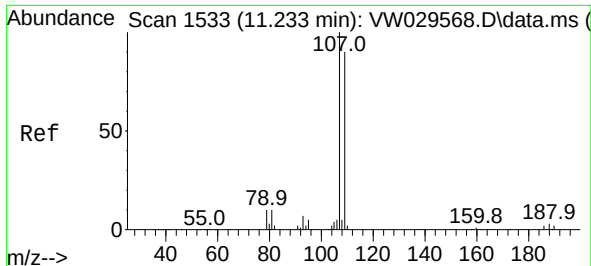
Tgt Ion:129 Resp: 82232

Ion Ratio Lower Upper

129 100

127 75.6 51.9 96.3





#50

1,2-Dibromoethane

Concen: 25.706 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

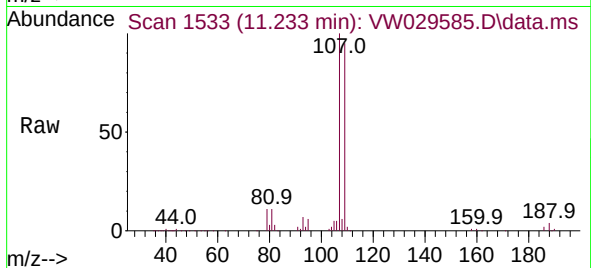
Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

Instrument :

MSVOA_W

ClientSampleId :



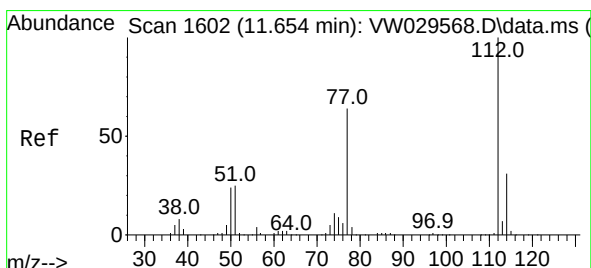
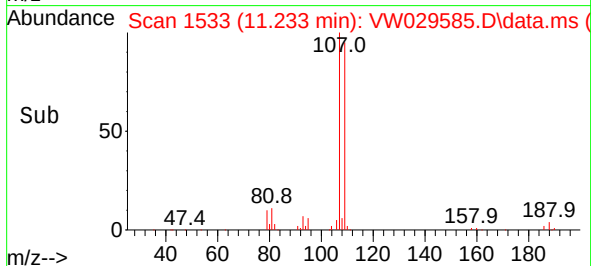
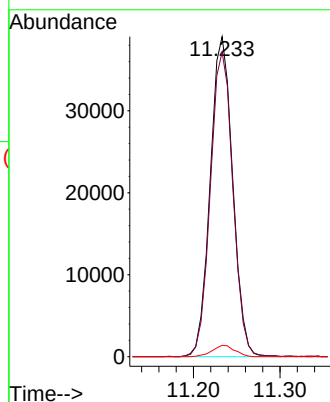
Tgt Ion:107 Resp: 70304

Ion Ratio Lower Upper

107 100

109 95.2 63.2 117.4

188 3.5 2.9 4.3



#51

Chlorobenzene

Concen: 27.172 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

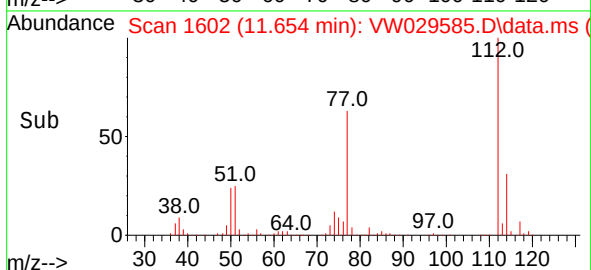
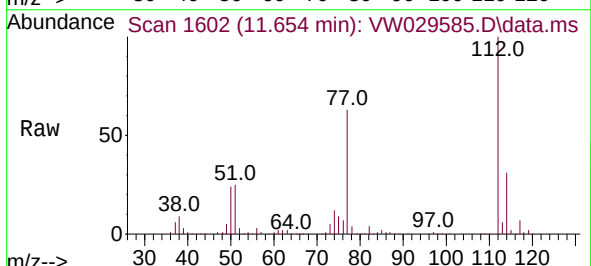
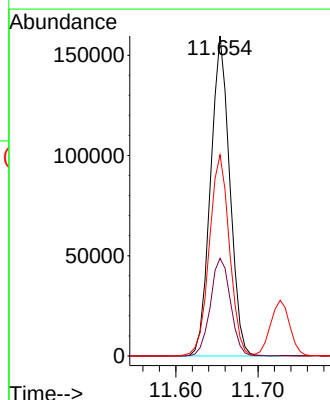
Tgt Ion:112 Resp: 259323

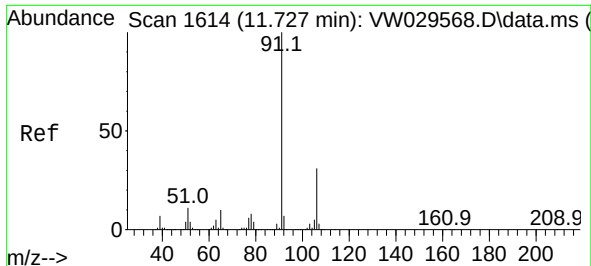
Ion Ratio Lower Upper

112 100

114 30.5 22.6 42.0

77 62.8 49.9 74.9





#52

Ethylbenzene

Concen: 28.989 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

Instrument :

MSVOA_W

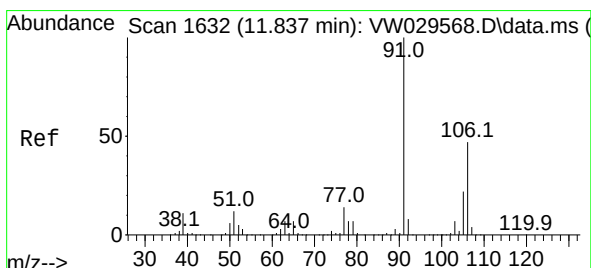
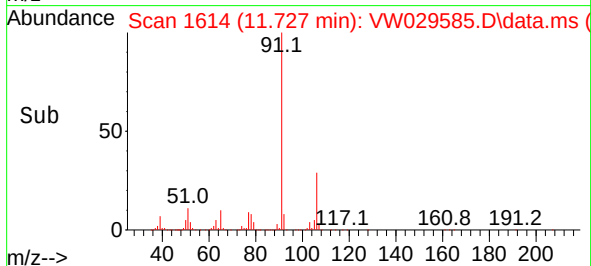
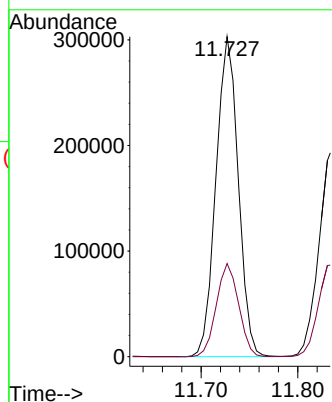
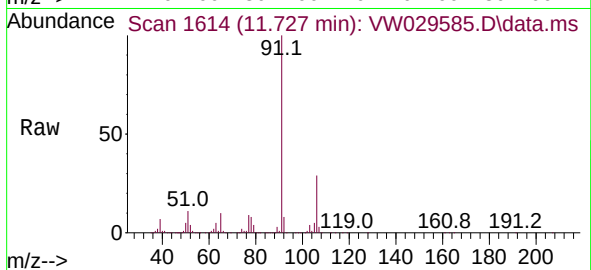
ClientSampleId :

Tgt Ion: 91 Resp: 484868

Ion Ratio Lower Upper

91 100

106 29.1 20.2 37.6



#53

m,p-Xylene

Concen: 28.449 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029585.D

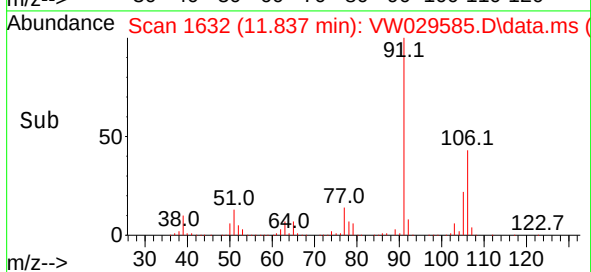
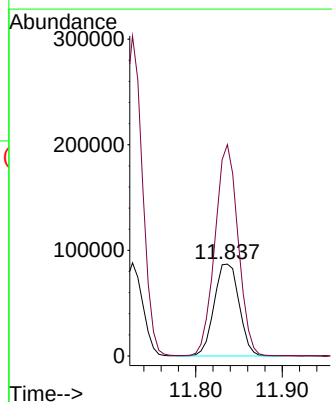
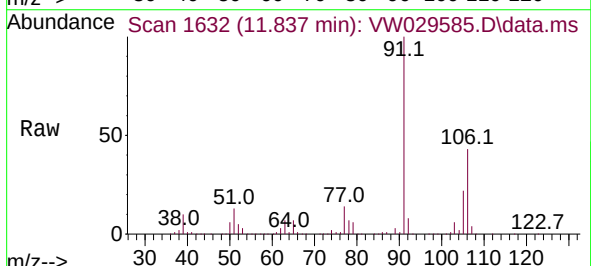
Acq: 16 Jul 2024 10:14

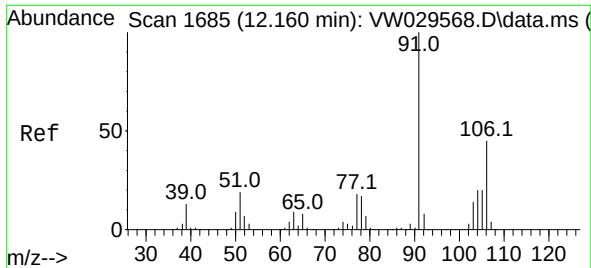
Tgt Ion:106 Resp: 174683

Ion Ratio Lower Upper

106 100

91 230.1 149.3 277.3

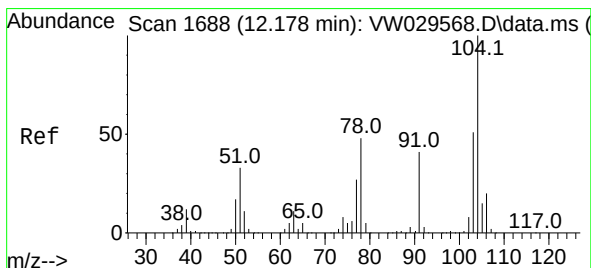
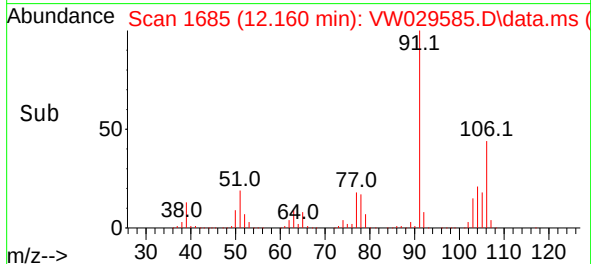
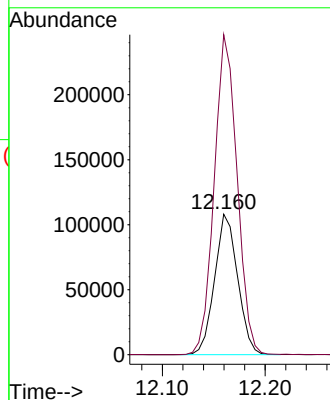
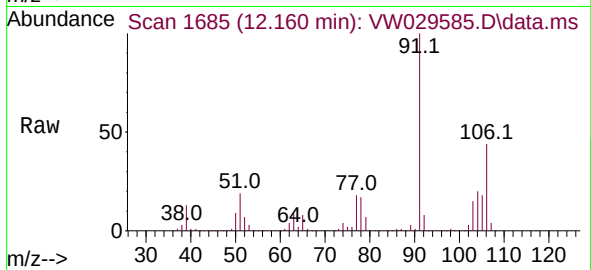




#54
o-Xylene
Concen: 29.609 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

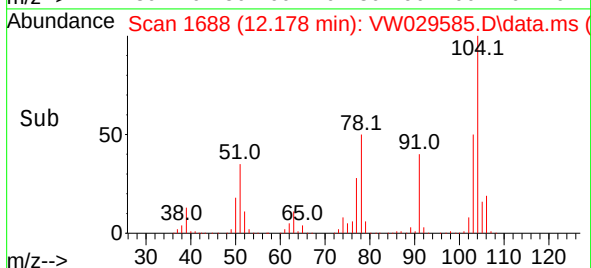
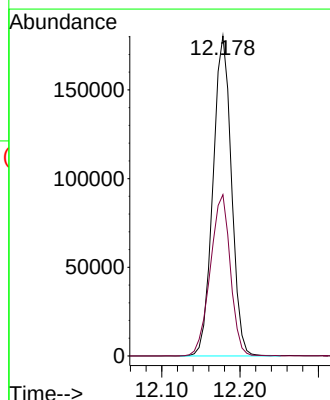
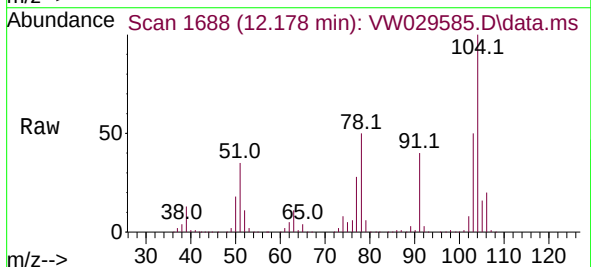
Instrument :
MSVOA_W
ClientSampleId :

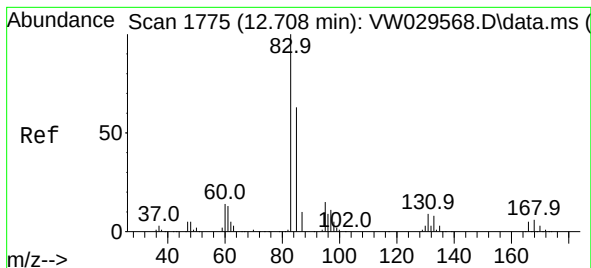
Tgt Ion:106 Resp: 168154
Ion Ratio Lower Upper
106 100
91 227.9 159.2 295.6



#55
Styrene
Concen: 29.585 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

Tgt Ion:104 Resp: 295439
Ion Ratio Lower Upper
104 100
78 50.4 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 26.147 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

Instrument :

MSVOA_W

ClientSampleId :

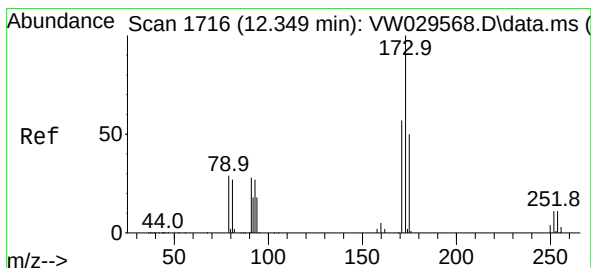
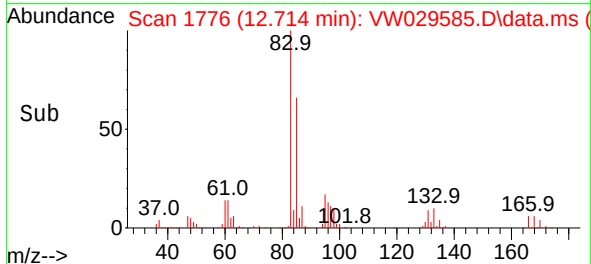
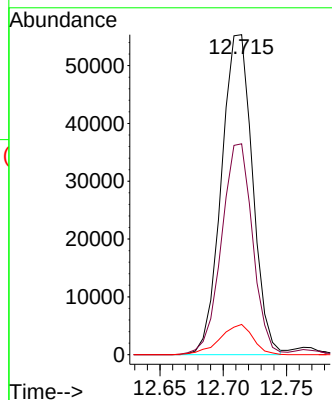
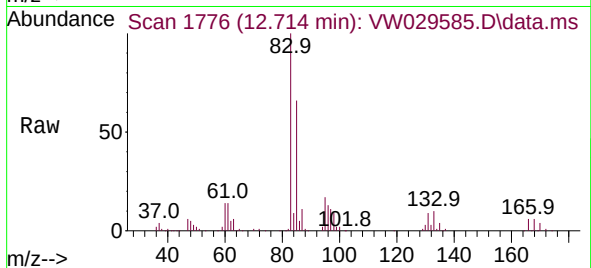
Tgt Ion: 83 Resp: 94656

Ion Ratio Lower Upper

83 100

85 65.9 45.4 84.4

131 9.5 6.4 9.6



#59

Bromoform

Concen: 26.341 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

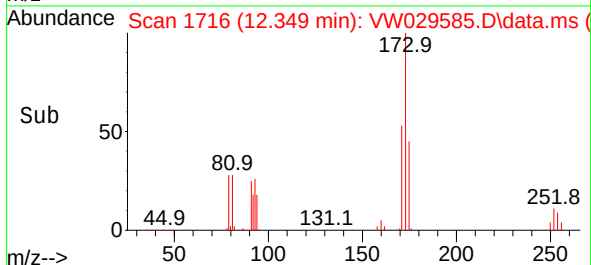
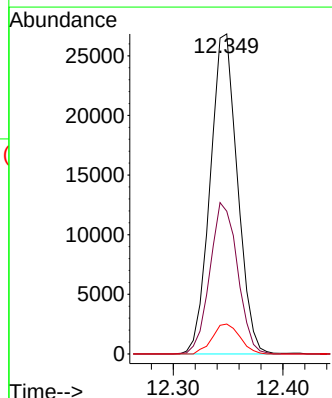
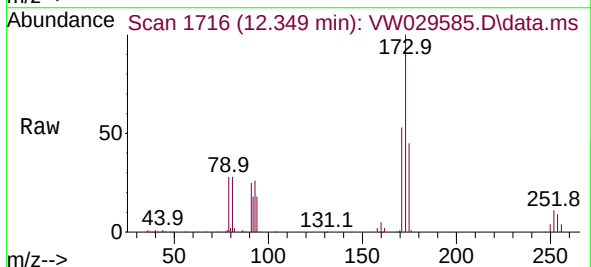
Tgt Ion:173 Resp: 46389

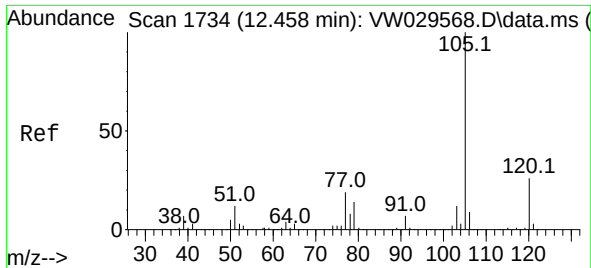
Ion Ratio Lower Upper

173 100

175 47.9 40.4 60.6

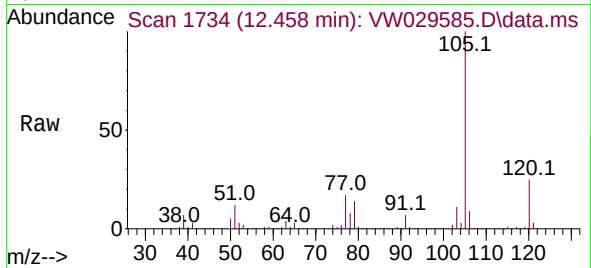
254 9.5 8.8 13.2



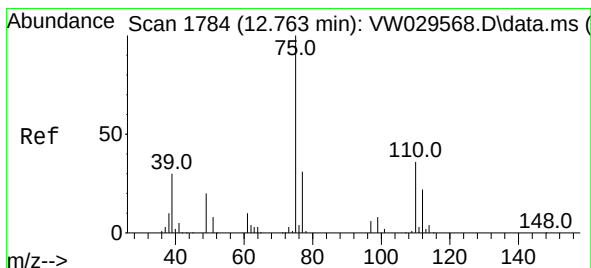
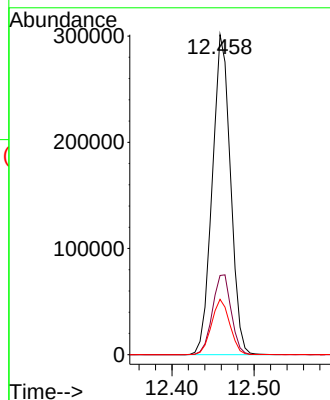
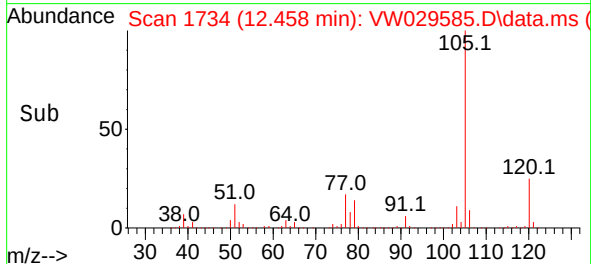


#60
Isopropylbenzene
Concen: 28.897 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

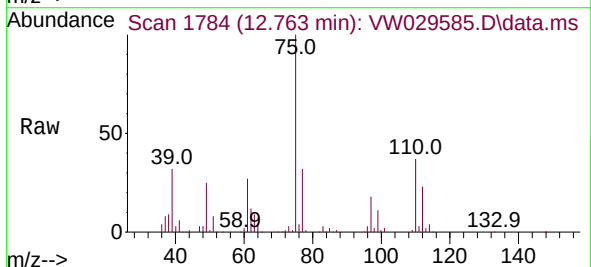
Instrument :
MSVOA_W
ClientSampleId :



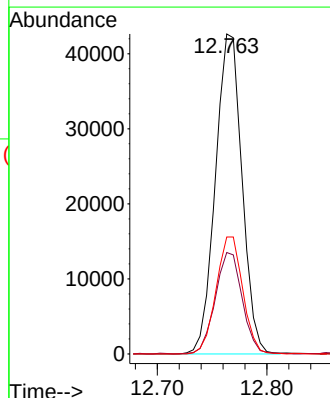
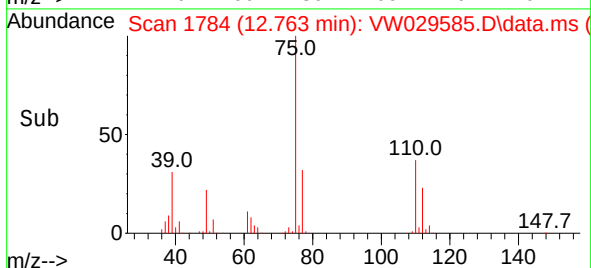
Tgt Ion:105 Resp: 463883
Ion Ratio Lower Upper
105 100
120 25.6 20.2 30.4
77 17.4 13.6 20.4

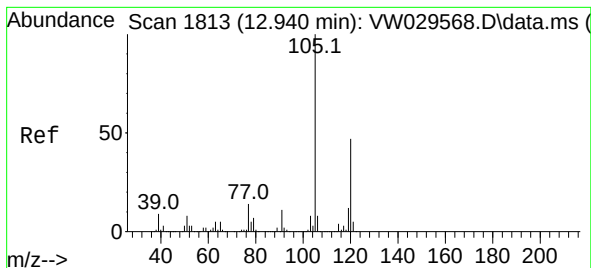


#61
1,2,3-Trichloropropane
Concen: 26.045 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14



Tgt Ion: 75 Resp: 71913
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
110 36.6 29.1 43.7





#62

1,3,5-Trimethylbenzene

Concen: 30.748 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

Instrument :

MSVOA_W

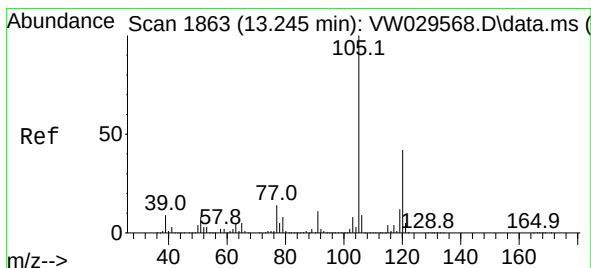
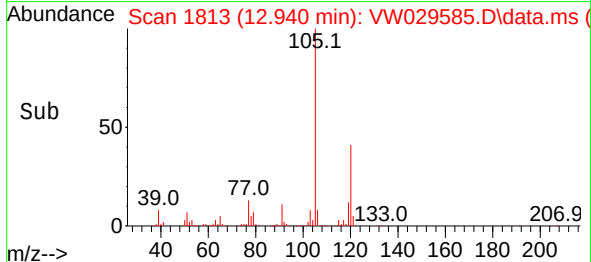
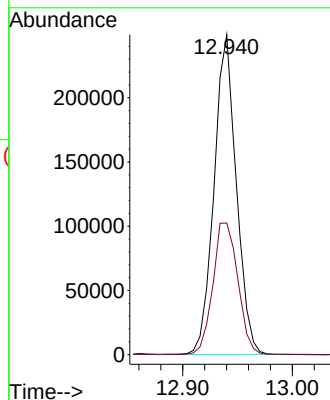
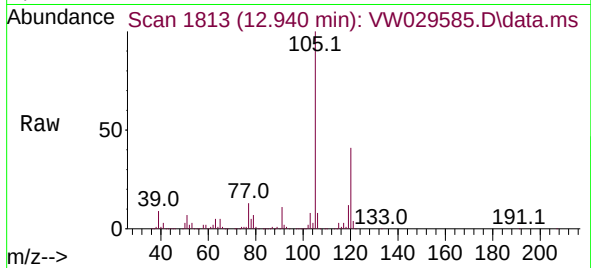
ClientSampleId :

Tgt Ion:105 Resp: 351096

Ion Ratio Lower Upper

105 100

120 46.2 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 29.944 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029585.D

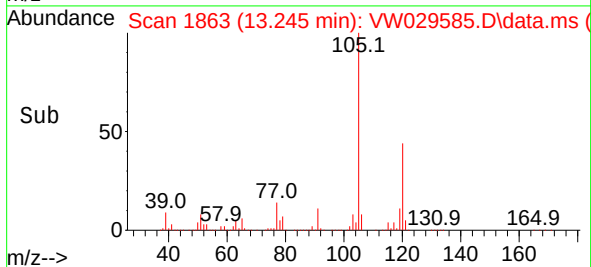
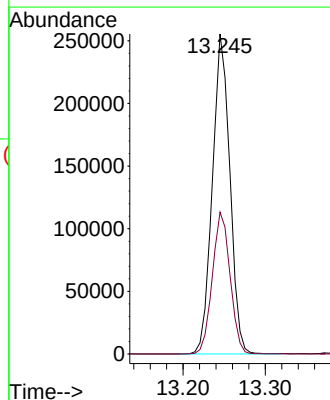
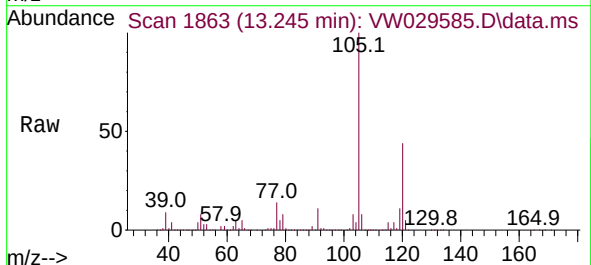
Acq: 16 Jul 2024 10:14

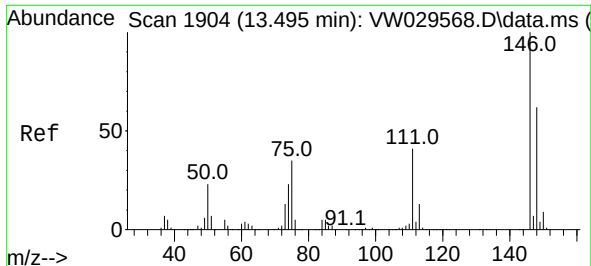
Tgt Ion:105 Resp: 377370

Ion Ratio Lower Upper

105 100

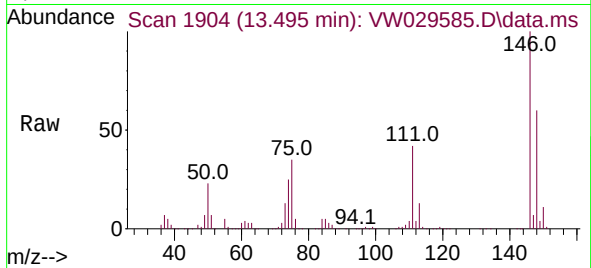
120 45.0 34.7 52.1



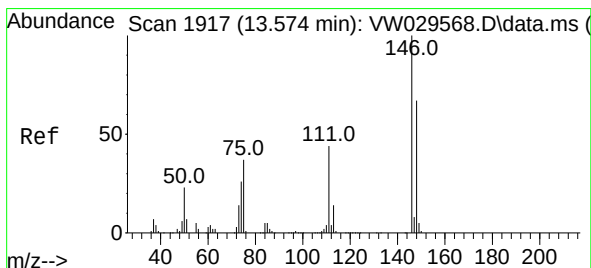
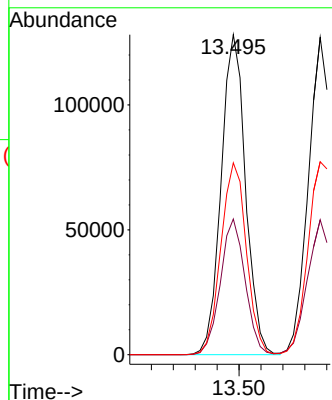
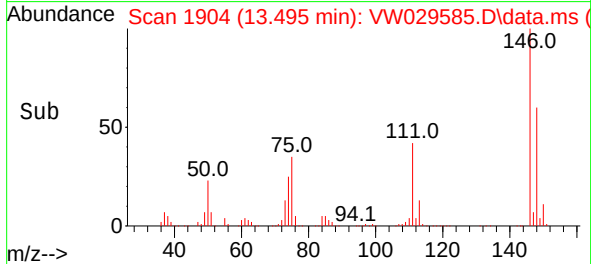


#64
1,3-Dichlorobenzene
Concen: 27.534 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

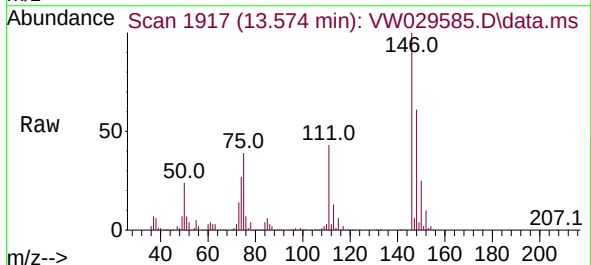
Instrument :
MSVOA_W
ClientSampleId :



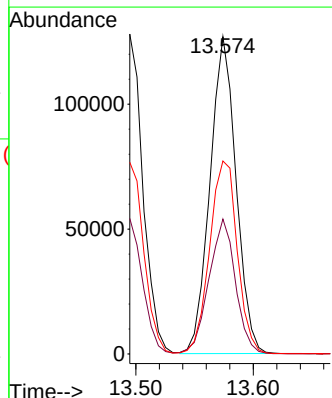
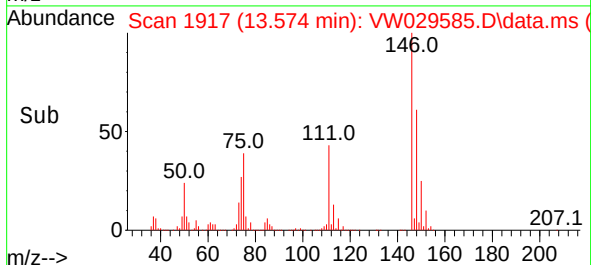
Tgt Ion:146 Resp: 198116
Ion Ratio Lower Upper
146 100
111 42.4 28.6 53.2
148 59.9 43.0 80.0

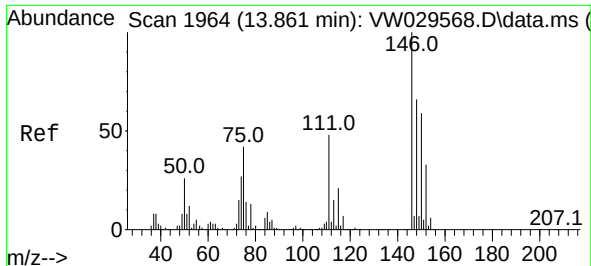


#65
1,4-Dichlorobenzene
Concen: 26.615 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14



Tgt Ion:146 Resp: 196191
Ion Ratio Lower Upper
146 100
111 42.5 27.6 51.4
148 60.8 40.9 75.9

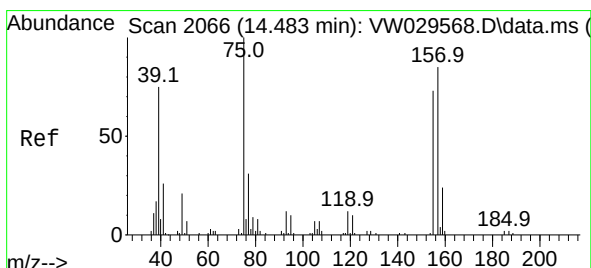
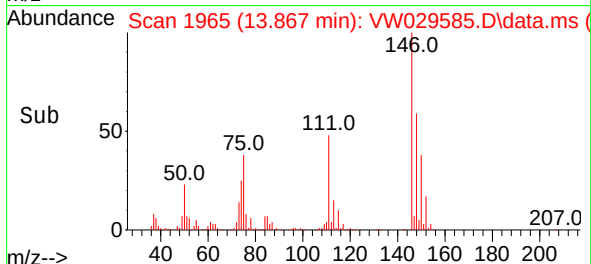
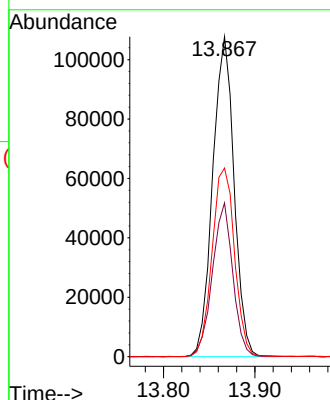
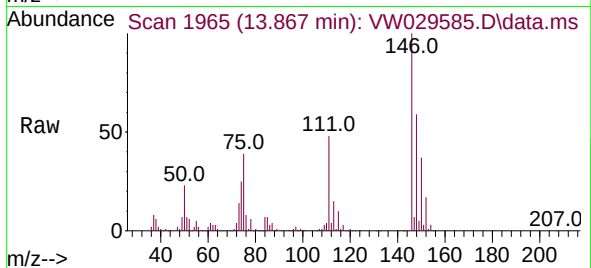




#67
1,2-Dichlorobenzene
Concen: 26.910 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

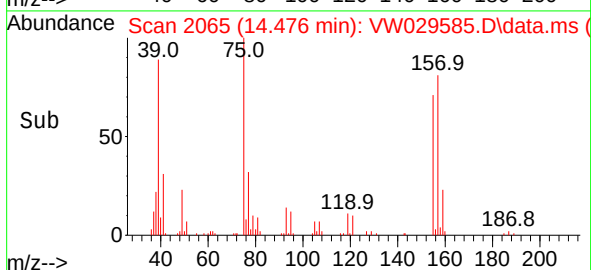
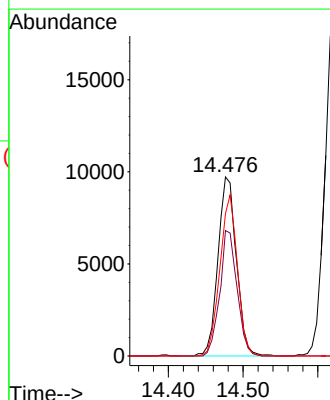
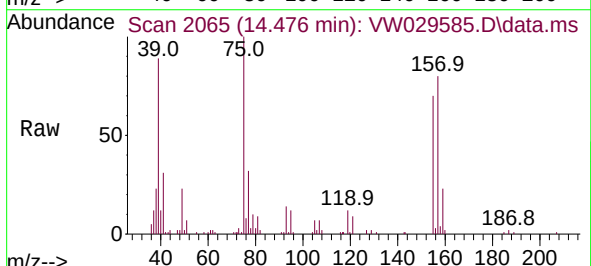
Instrument :
MSVOA_W
ClientSampleId :

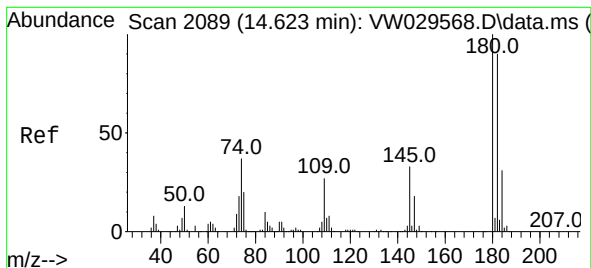
Tgt Ion:146 Resp: 175032
Ion Ratio Lower Upper
146 100
111 48.1 37.1 55.7
148 59.0 50.7 76.1



#68
1,2-Dibromo-3-chloropropane
Concen: 25.192 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

Tgt Ion: 75 Resp: 16629
Ion Ratio Lower Upper
75 100
155 70.1 51.2 76.8
157 79.6 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 27.071 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

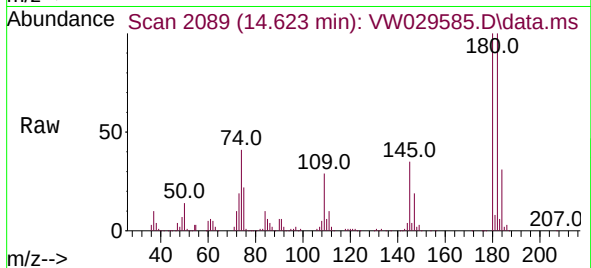
Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 127069

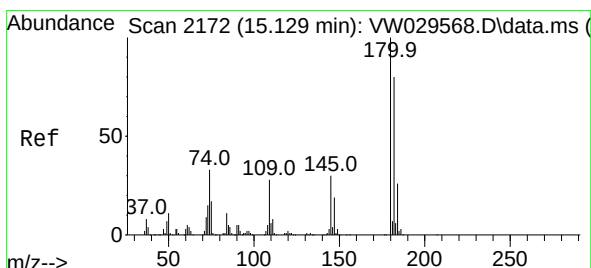
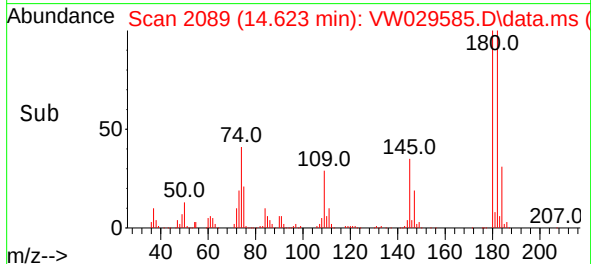
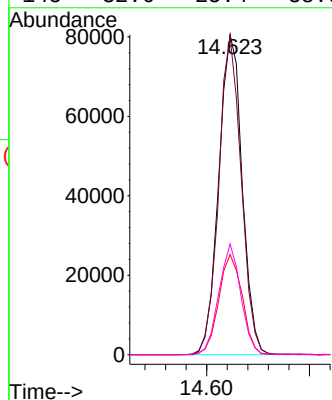
Ion Ratio Lower Upper

180 100

182 95.7 77.9 116.9

184 31.3 24.4 36.6

145 32.6 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 26.935 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029585.D

Acq: 16 Jul 2024 10:14

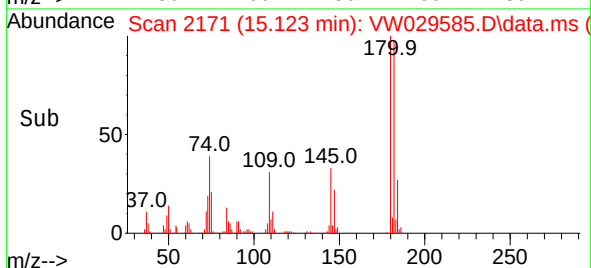
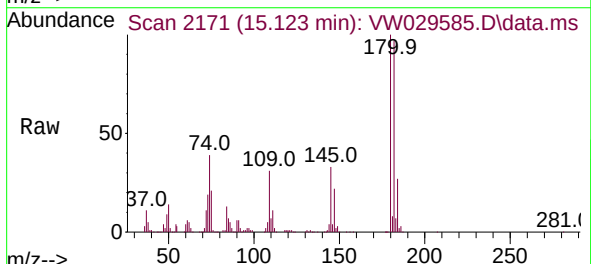
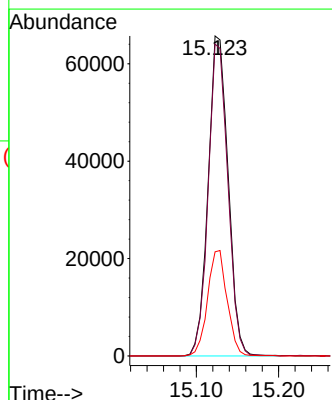
Tgt Ion:180 Resp: 111247

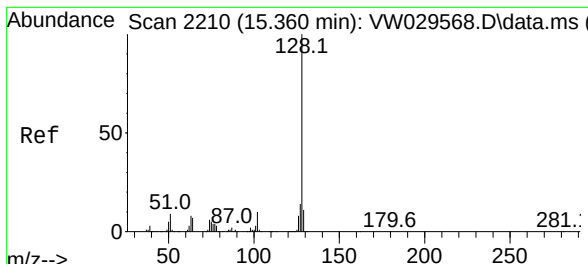
Ion Ratio Lower Upper

180 100

182 95.4 74.7 112.1

145 32.2 26.2 39.2



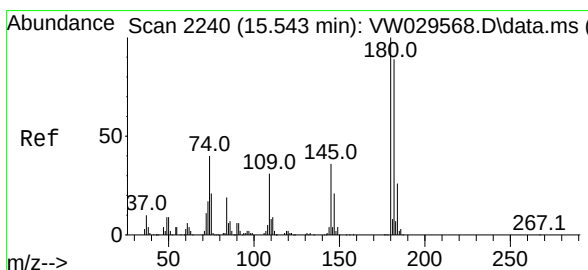
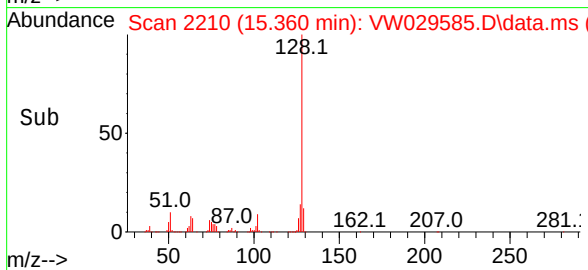
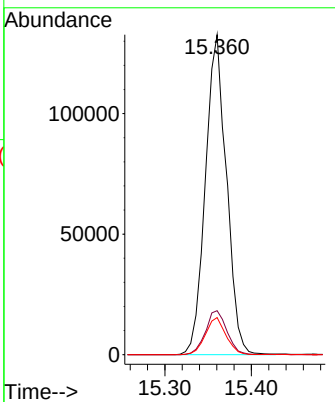
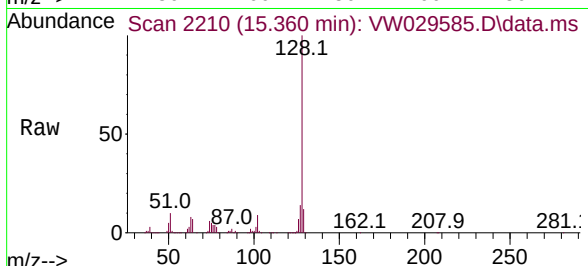


#71
Naphthalene
Concen: 25.907 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 224590

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.6	15.8
129	11.3	9.0	13.4



#72
1,2,3-Trichlorobenzene
Concen: 26.077 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW029585.D
Acq: 16 Jul 2024 10:14

Tgt Ion:180 Resp: 97856

Ion	Ratio	Lower	Upper
180	100		
182	94.8	73.4	110.0
145	35.7	26.9	40.3

