

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072924\
 Data File : VW029781.D
 Acq On : 29 Jul 2024 10:53
 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 30 06:23:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 29 04:44:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	229428	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	217355	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	103072	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	67556	20.741	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.960%
7) Chloroethane-d5	2.899	69	55068	23.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.720%
11) 1,1-Dichloroethene-d2	4.021	65	32702	21.995	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.960%
21) 2-Butanone-d5	7.075	46	39256	43.973	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.940%
24) Chloroform-d	7.648	84	158240	26.644	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.560%
26) 1,2-Dichloroethane-d4	8.307	65	89598	26.486	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.960%
32) Benzene-d6	8.270	84	295575	25.168	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.680%
36) 1,2-Dichloropropane-d6	9.270	67	95782	25.542	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.160%
41) Toluene-d8	10.319	98	267955	25.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.640%
43) trans-1,3-Dichloroprop...	10.575	79	37163	24.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.960%
47) 2-Hexanone-d5	10.922	63	27429	44.359	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	71018	25.506	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.040%
66) 1,2-Dichlorobenzene-d4	13.849	152	80384	25.116	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.480%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	79547	25.722	ug/L	98
3) Chloromethane	2.223	50	95761	25.024	ug/L	99
5) Vinyl chloride	2.375	62	111668	26.043	ug/L	99
6) Bromomethane	2.790	94	61406	26.080	ug/L	100
8) Chloroethane	2.936	64	65586	26.887	ug/L	99
9) Trichlorofluoromethane	3.265	101	86450	25.241	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	86073	25.232	ug/L	90
12) 1,1-Dichloroethene	4.045	96	78028	24.895	ug/L	98
13) Acetone	4.125	43	52738	47.536	ug/L	98
14) Carbon disulfide	4.393	76	269137	25.803	ug/L	98
15) Methyl Acetate	4.673	43	41465	22.439	ug/L	99
16) Methylene chloride	4.917	84	91344	19.045	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	87399	25.876	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	131510	23.625	ug/L	99
19) 1,1-Dichloroethane	6.216	63	183036	25.695	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	93212	25.442	ug/L	100
22) 2-Butanone	7.167	43	62659	44.079	ug/L	99
23) Bromochloromethane	7.508	128	39826	25.605	ug/L	87
25) Chloroform	7.673	83	174918	26.063	ug/L	96

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 Quant Title : SFAM01.0
 QLast Update : Mon Jul 29 04:44:22 2024
 Response via : Initial Calibration

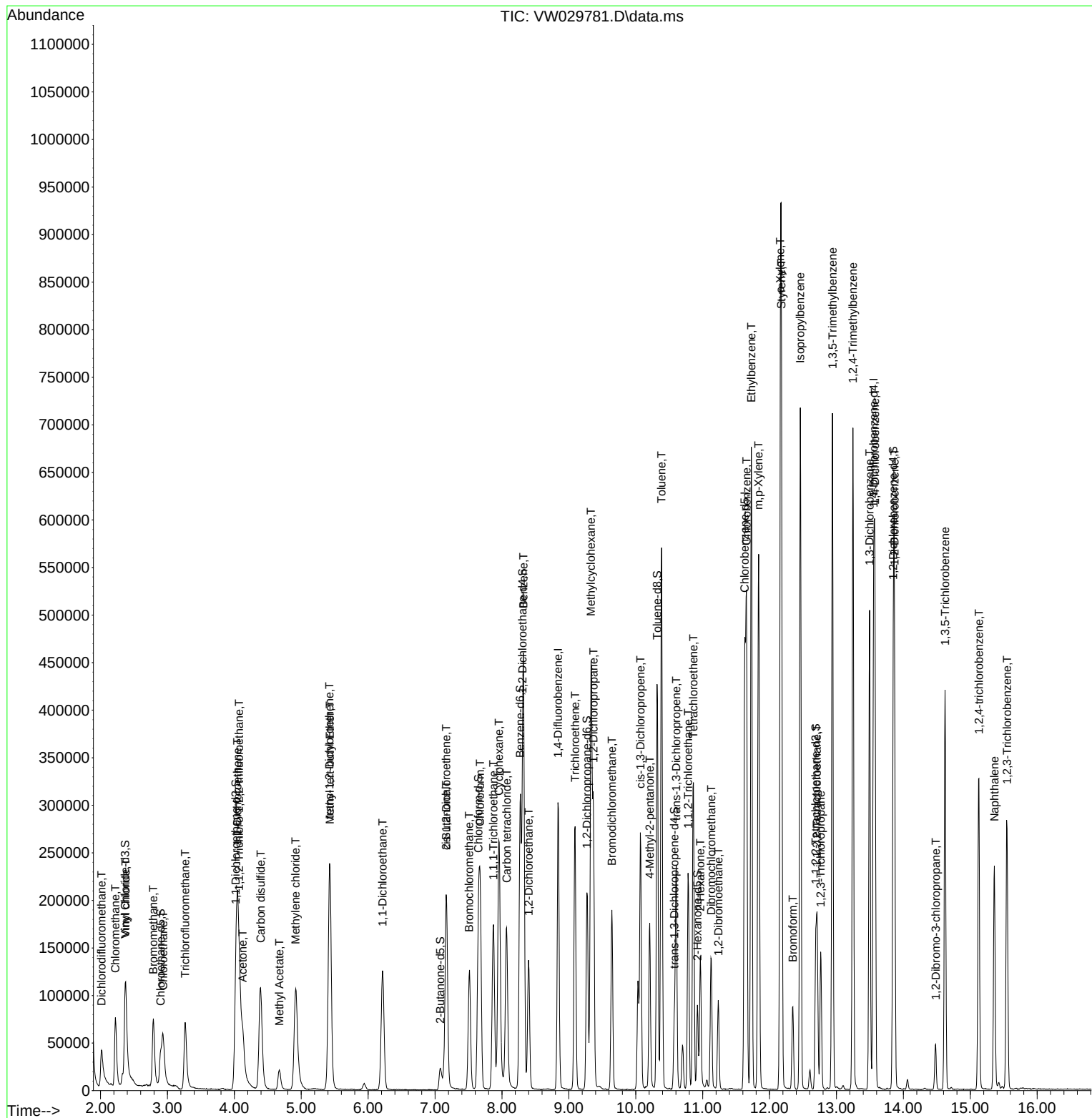
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	125803	25.721	ug/L	99
29) Cyclohexane	7.953	56	155043	25.101	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	140451	25.517	ug/L	97
31) Carbon tetrachloride	8.069	117	125855	25.375	ug/L	96
33) Benzene	8.319	78	378798	25.435	ug/L	100
34) Trichloroethene	9.093	95	95121	24.365	ug/L	99
35) Methylcyclohexane	9.331	83	168168	25.851	ug/L	98
37) 1,2-Dichloropropane	9.368	63	104585	25.626	ug/L	100
38) Bromodichloromethane	9.642	83	125200	25.762	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	149678	25.183	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	119902	46.254	ug/L	99
42) Toluene	10.386	91	391592	25.760	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	124929	25.320	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	67073	24.464	ug/L	94
46) Tetrachloroethene	10.861	164	69130	24.362	ug/L	94
48) 2-Hexanone	10.965	43	90247	46.483	ug/L	96
49) Dibromochloromethane	11.129	129	70445	24.750	ug/L	98
50) 1,2-Dibromoethane	11.233	107	60455	23.831	ug/L	97
51) Chlorobenzene	11.654	112	233772	24.723	ug/L	97
52) Ethylbenzene	11.727	91	449521	26.215	ug/L	98
53) m,p-Xylene	11.837	106	160010	25.373	ug/L	100
54) o-Xylene	12.160	106	155965	26.856	ug/L	99
55) Styrene	12.178	104	272641	27.085	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	79698	23.683	ug/L	98
59) Bromoform	12.349	173	37231	24.006	ug/L	96
60) Isopropylbenzene	12.459	105	425730	26.692	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	59654	23.796	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	346826	29.255	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	340469	26.854	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	177535	26.089	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	183357	26.231	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	163678	26.419	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	12789	22.468	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	114759	24.648	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	95770	24.416	ug/L	95
71) Naphthalene	15.360	128	184498	24.651	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	85836	24.178	ug/L	97

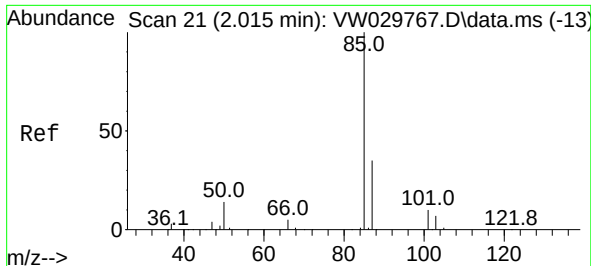
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VW029781.D
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 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

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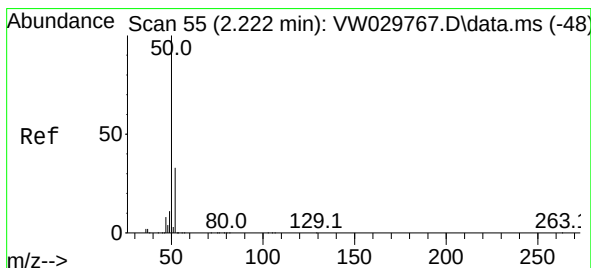
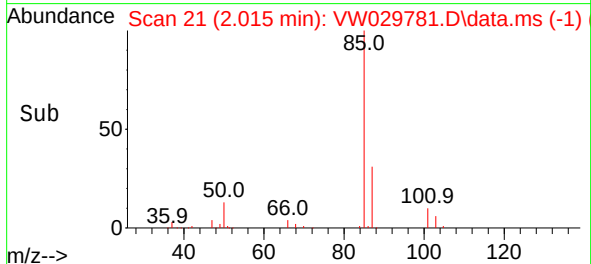
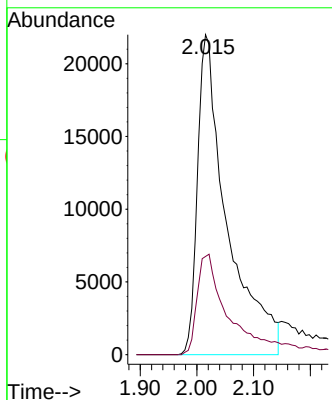
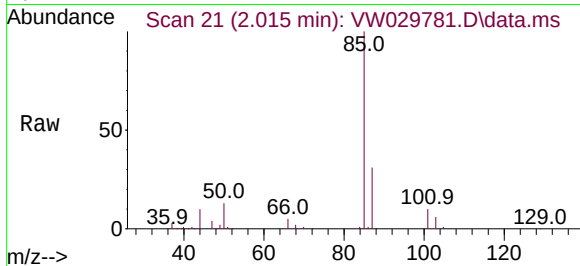




#2
 Dichlorodifluoromethane
 Concen: 25.722 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029781.D
 Acq: 29 Jul 2024 10:53

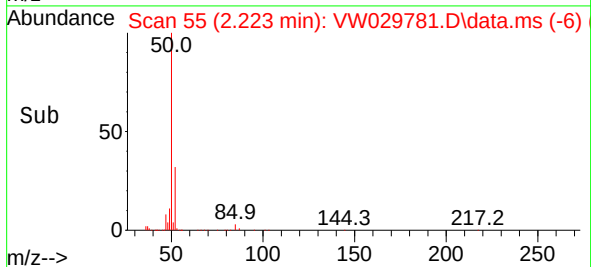
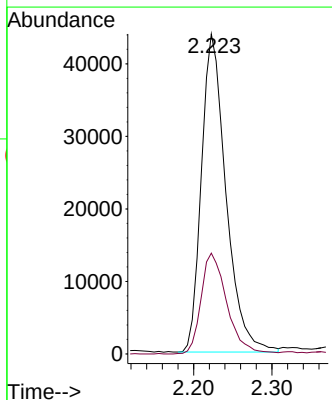
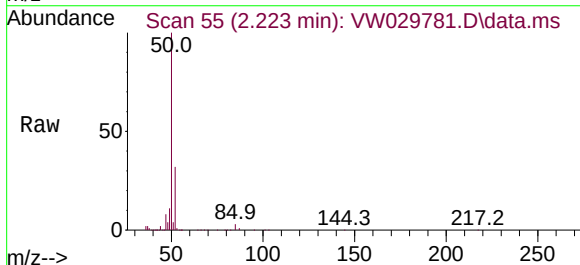
Instrument :
 MSVOA_W
 ClientSampleId :

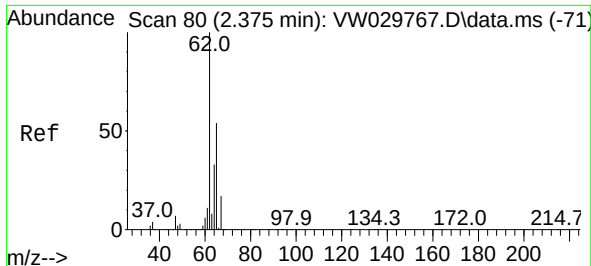
Tgt Ion: 85 Resp: 79547
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.5 38.3



#3
 Chloromethane
 Concen: 25.024 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW029781.D
 Acq: 29 Jul 2024 10:53

Tgt Ion: 50 Resp: 95761
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.5 41.9

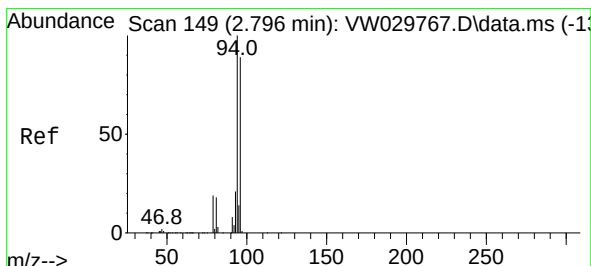
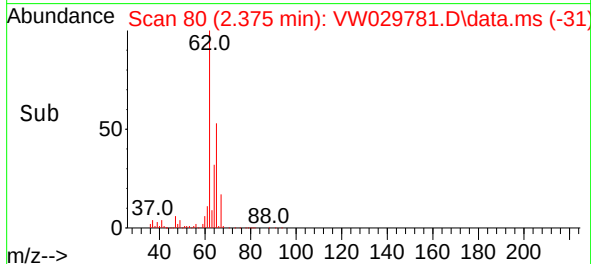
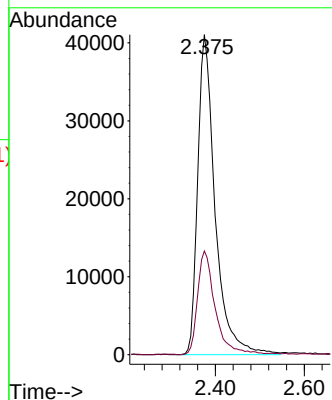
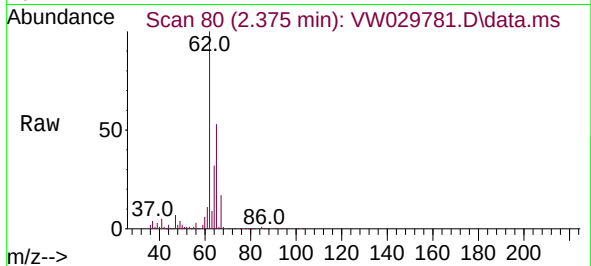




#5
 Vinyl chloride
 Concen: 26.043 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029781.D
 Acq: 29 Jul 2024 10:53

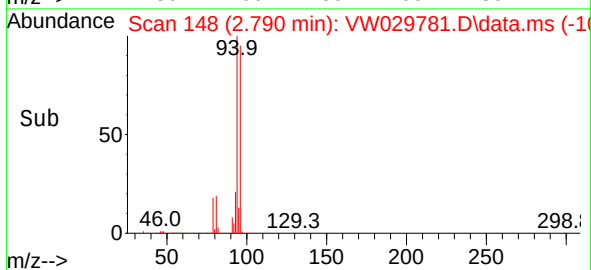
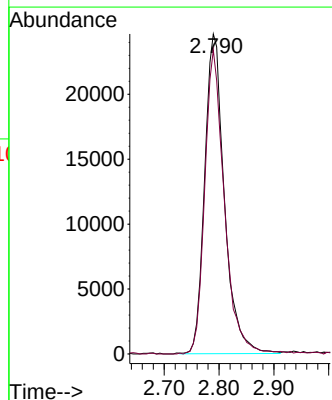
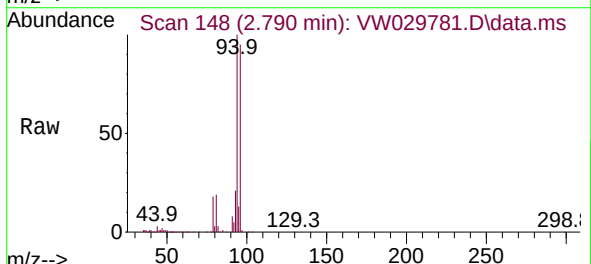
Instrument :
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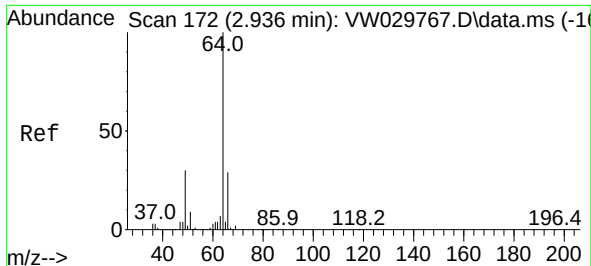
Tgt Ion: 62 Resp: 111668
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.2 43.2



#6
 Bromomethane
 Concen: 26.080 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW029781.D
 Acq: 29 Jul 2024 10:53

Tgt Ion: 94 Resp: 61406
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.2 123.0

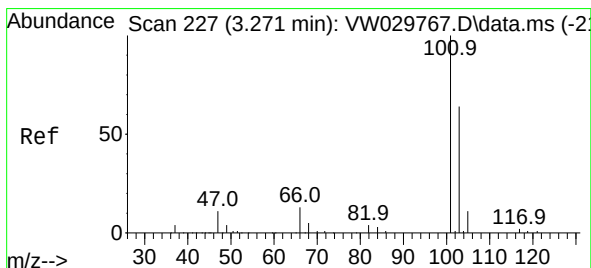
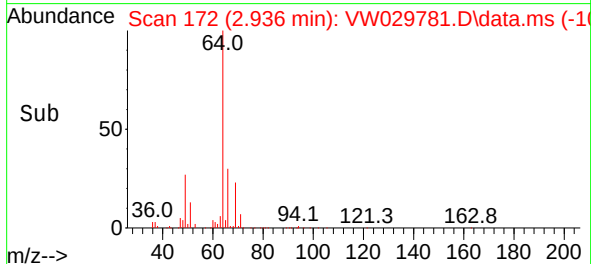
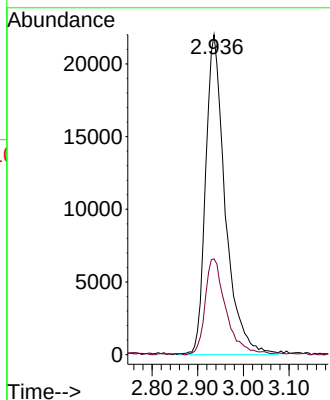
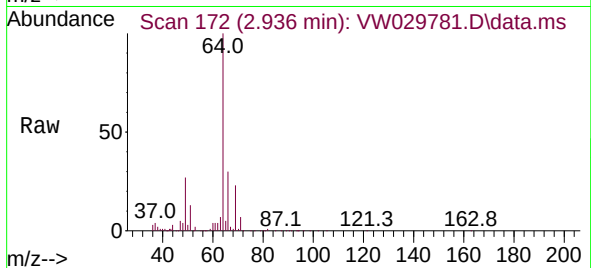




#8
Chloroethane
Concen: 26.887 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53

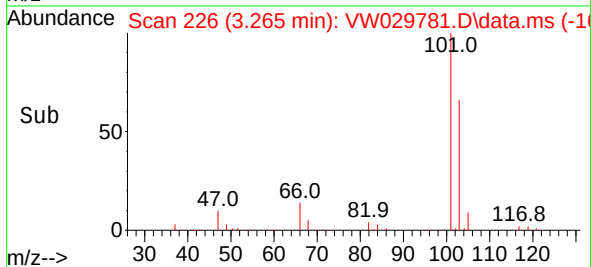
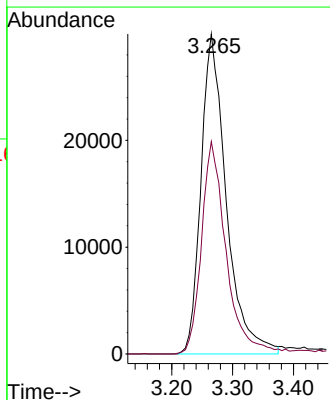
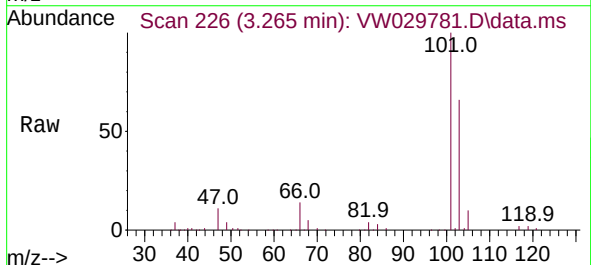
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MSVOA_W
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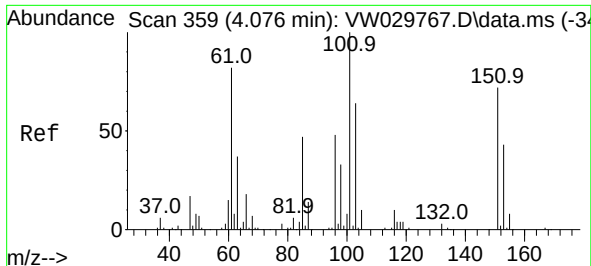
Tgt Ion: 64 Resp: 65586
Ion Ratio Lower Upper
64 100
66 30.0 21.2 39.4



#9
Trichlorofluoromethane
Concen: 25.241 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53

Tgt Ion:101 Resp: 86450
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.4





#10

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

Concen: 25.232 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

Instrument :

MSVOA_W

ClientSampleId :

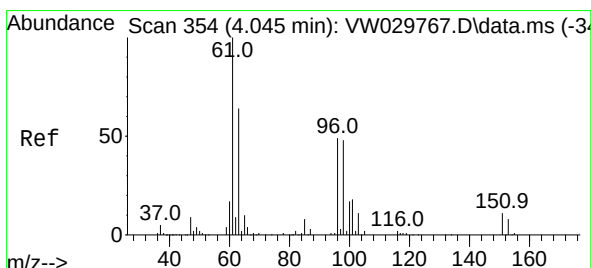
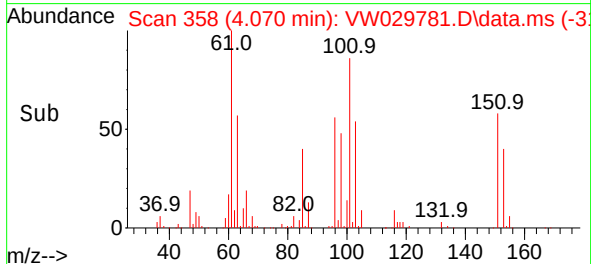
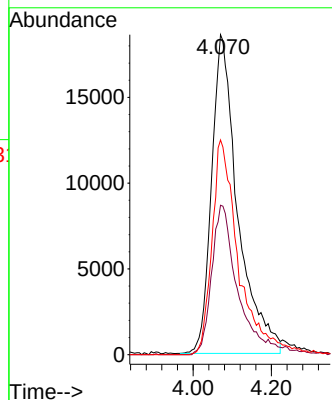
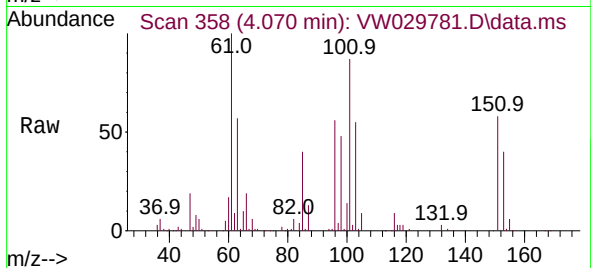
Tgt Ion:101 Resp: 86073

Ion Ratio Lower Upper

101 100

85 44.8 34.2 51.4

151 55.5 54.2 81.2



#12

1,1-Dichloroethene

Concen: 24.895 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

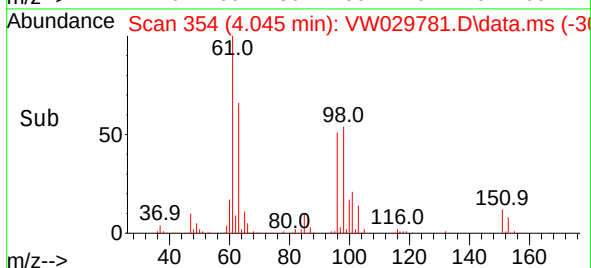
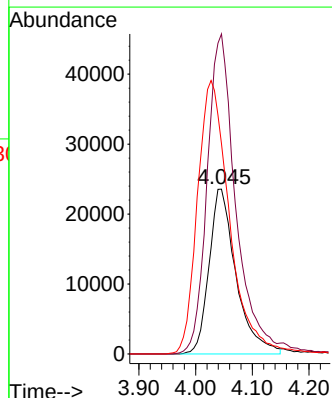
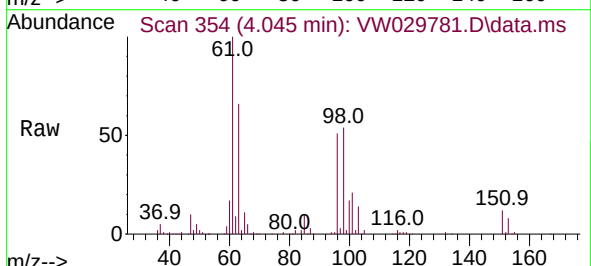
Tgt Ion: 96 Resp: 78028

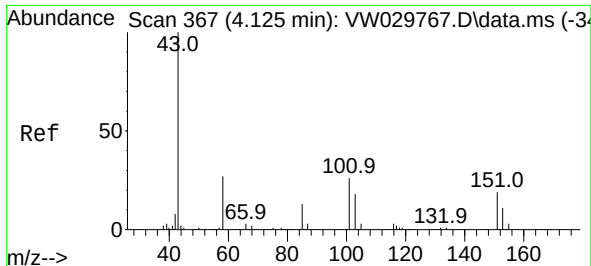
Ion Ratio Lower Upper

96 100

61 194.2 138.3 256.9

63 127.6 89.0 165.4

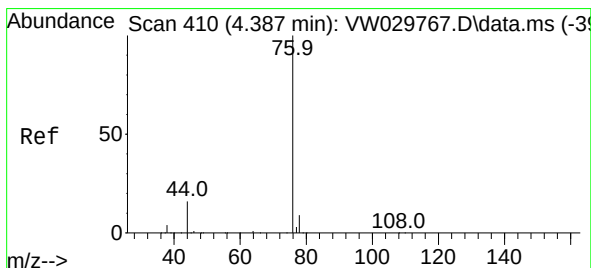
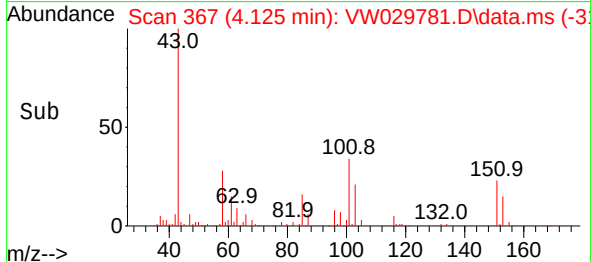
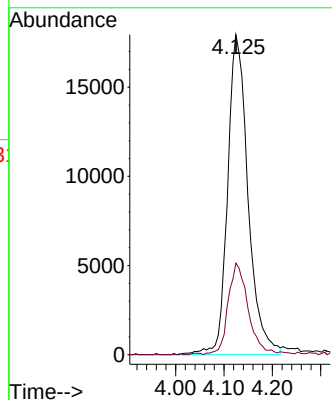
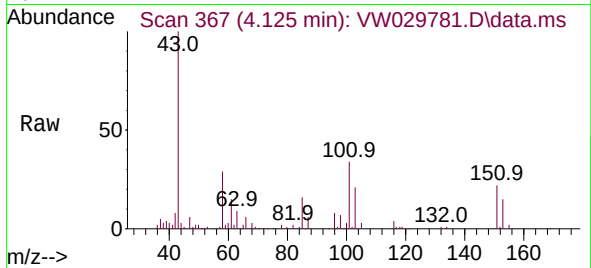




#13
Acetone
Concen: 47.536 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53

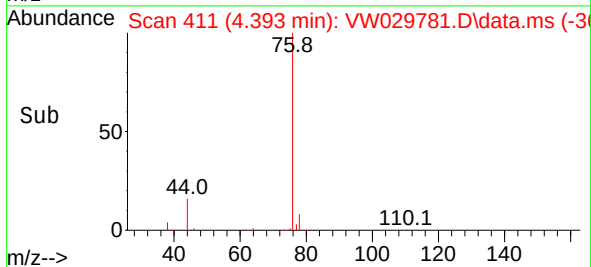
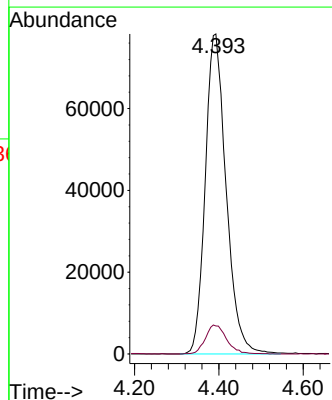
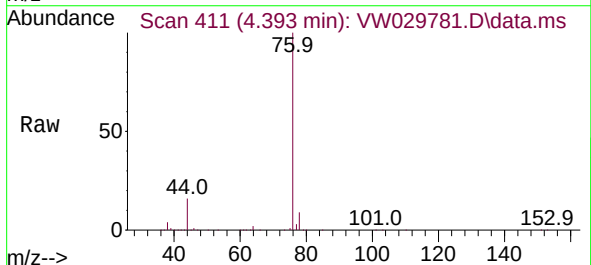
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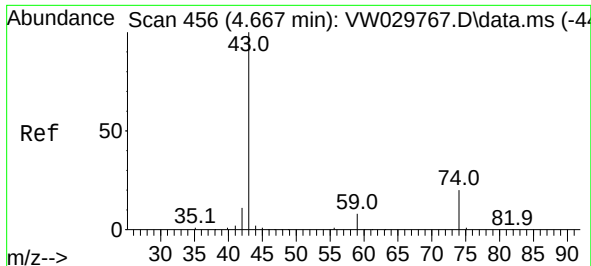
Tgt Ion: 43 Resp: 52738
Ion Ratio Lower Upper
43 100
58 27.6 0.0 57.6



#14
Carbon disulfide
Concen: 25.803 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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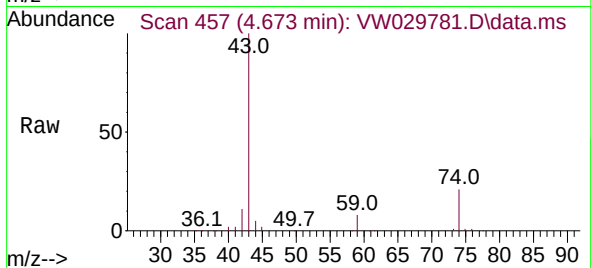
Tgt Ion: 76 Resp: 269137
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



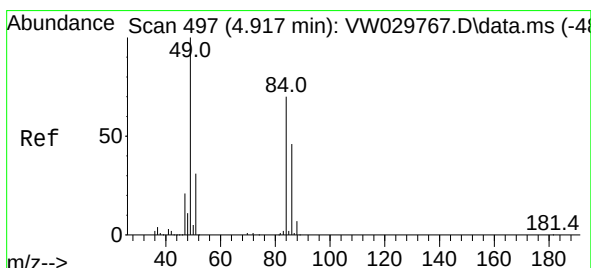
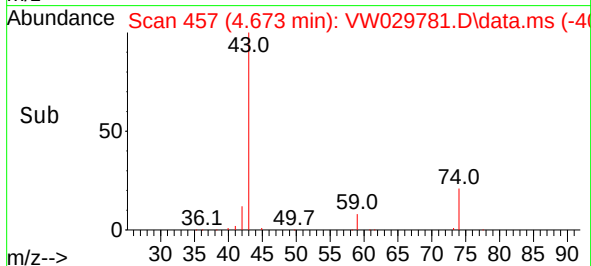
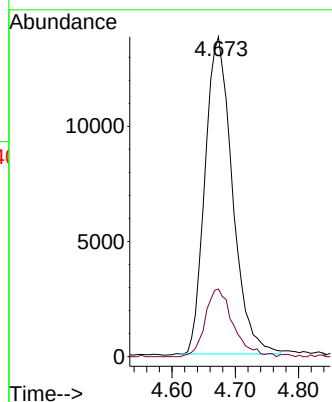


#15
Methyl Acetate
Concen: 22.439 ug/L
RT: 4.673 min Scan# 41465
Delta R.T. 0.006 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53

Instrument :
MSVOA_W
ClientSampleId :

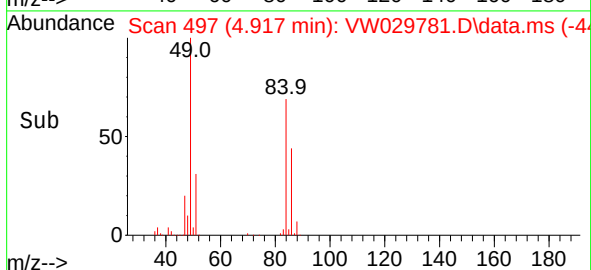
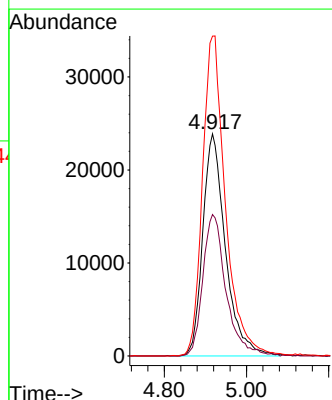
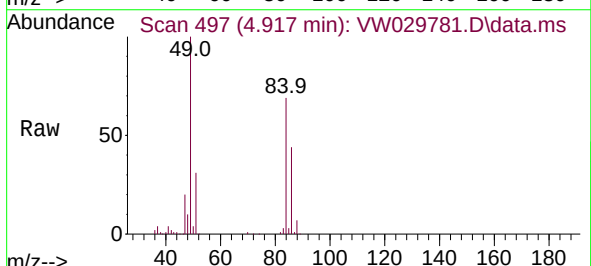


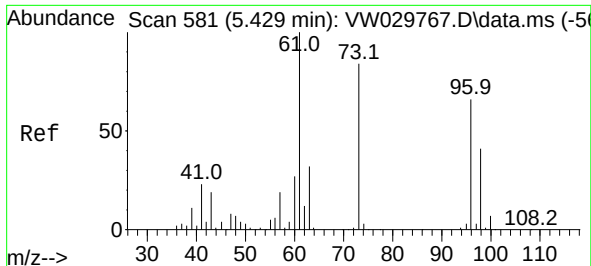
Tgt Ion: 43 Resp: 41465
Ion Ratio Lower Upper
43 100
74 21.1 16.5 24.7



#16
Methylene chloride
Concen: 19.045 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53

Tgt Ion: 84 Resp: 91344
Ion Ratio Lower Upper
84 100
86 63.7 44.7 82.9
49 144.0 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 25.876 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

Instrument :

MSVOA_W

ClientSampleId :

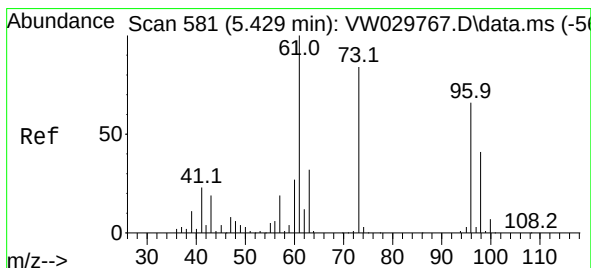
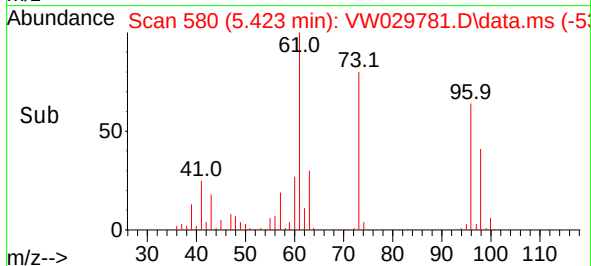
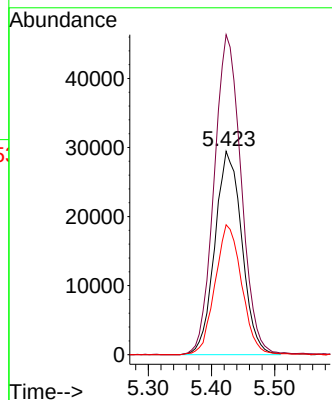
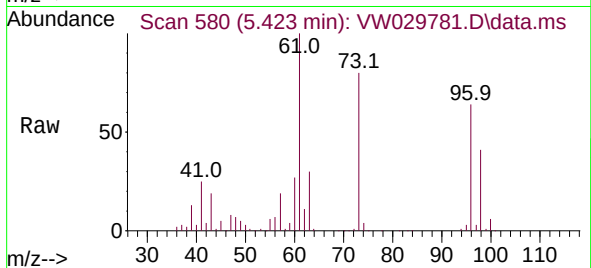
Tgt Ion: 96 Resp: 87399

Ion Ratio Lower Upper

96 100

61 157.3 111.2 206.6

98 63.9 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 23.625 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

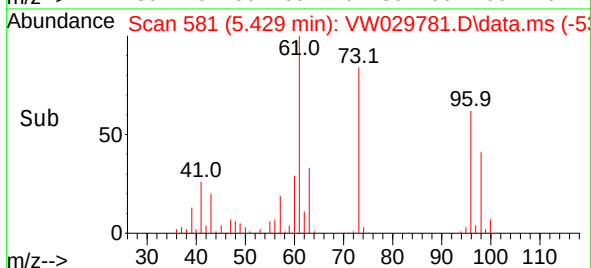
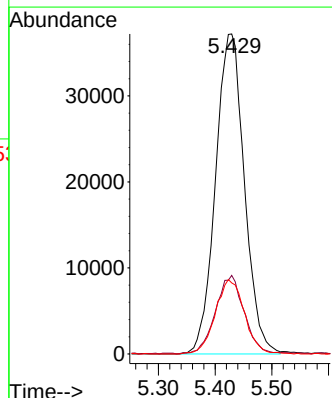
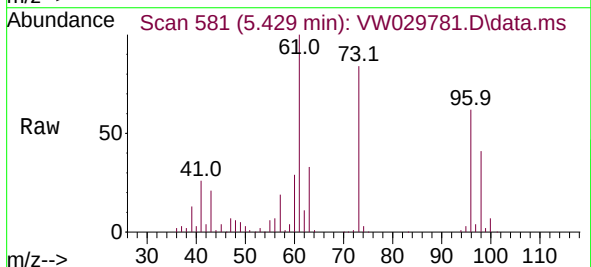
Tgt Ion: 73 Resp: 131510

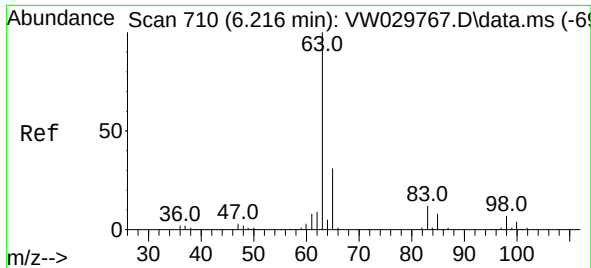
Ion Ratio Lower Upper

73 100

43 23.2 18.3 27.5

57 23.3 17.9 26.9





#19

1,1-Dichloroethane

Concen: 25.695 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

Instrument :

MSVOA_W

ClientSampleId :

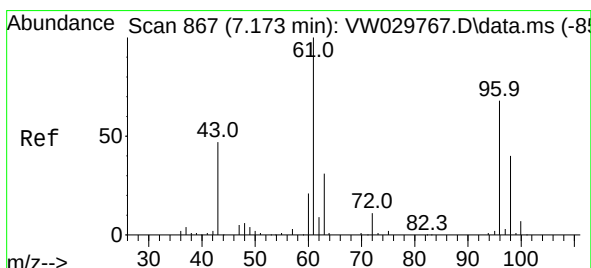
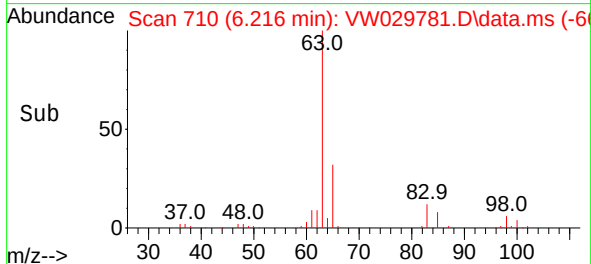
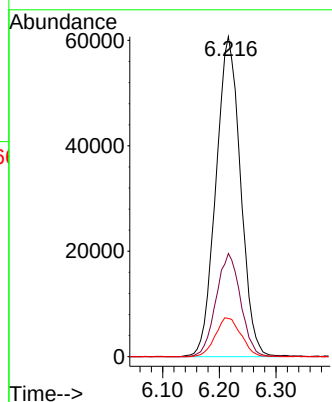
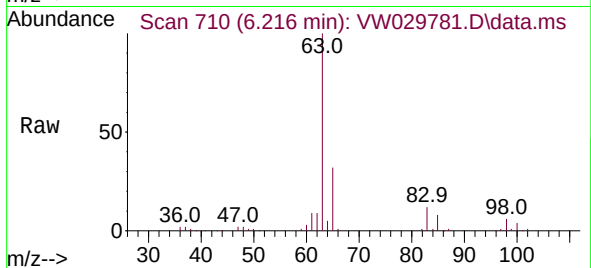
Tgt Ion: 63 Resp: 183036

Ion Ratio Lower Upper

63 100

65 32.2 22.3 41.3

83 11.9 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 25.442 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

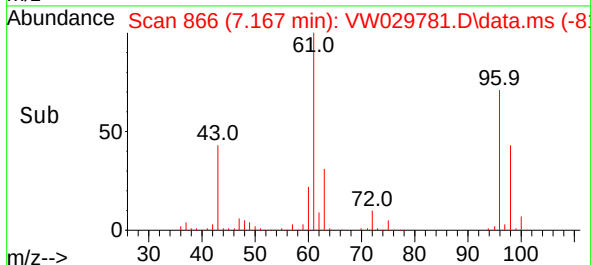
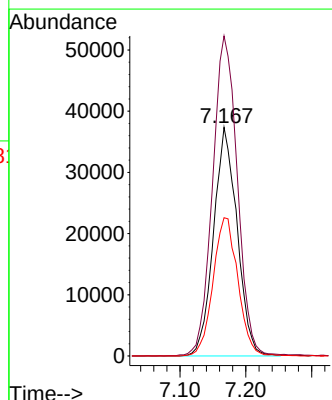
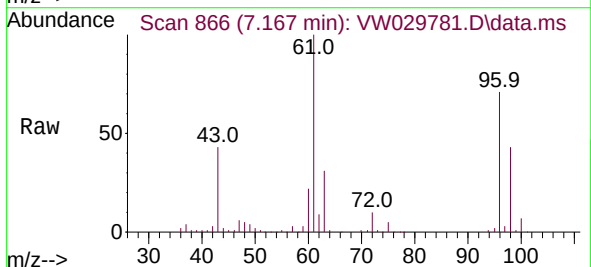
Tgt Ion: 96 Resp: 93212

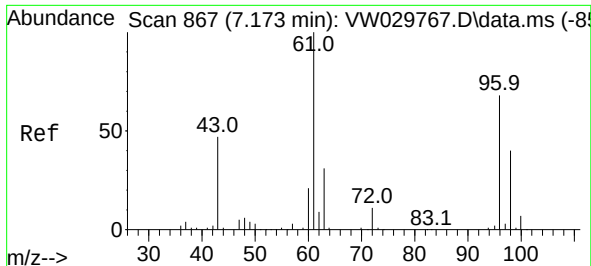
Ion Ratio Lower Upper

96 100

61 140.0 98.2 182.4

98 60.5 41.9 77.9





#22

2-Butanone

Concen: 44.079 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

Instrument :

MSVOA_W

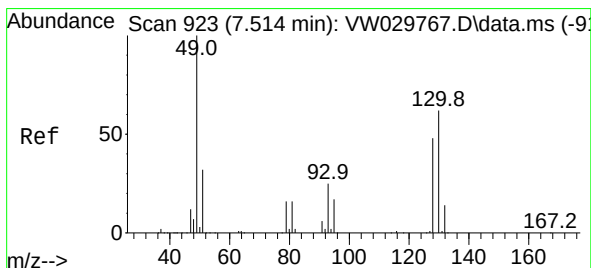
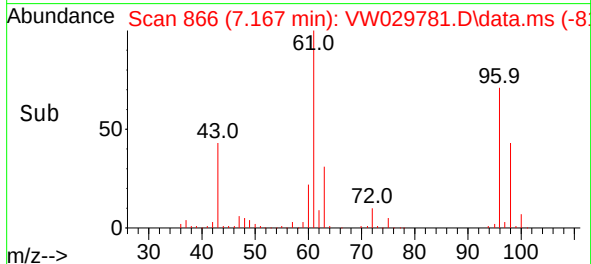
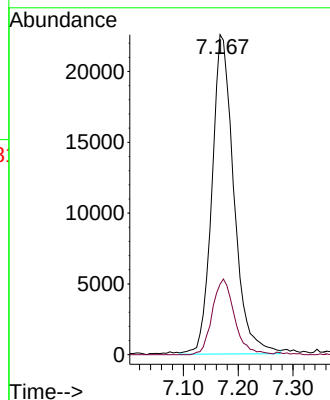
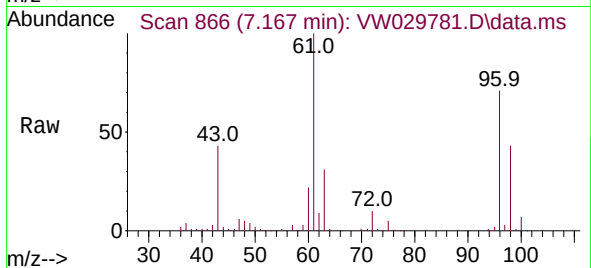
ClientSampleId :

Tgt Ion: 43 Resp: 62659

Ion Ratio Lower Upper

43 100

72 23.9 11.7 35.1



#23

Bromochloromethane

Concen: 25.605 ug/L

RT: 7.508 min Scan# 922

Delta R.T. -0.006 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

Tgt Ion: 128 Resp: 39826

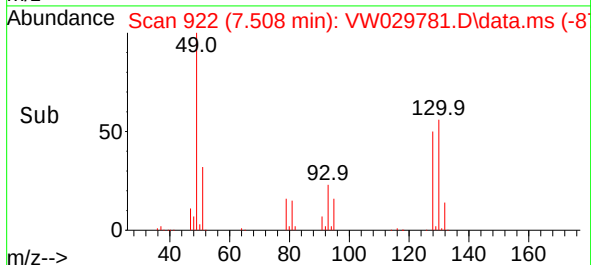
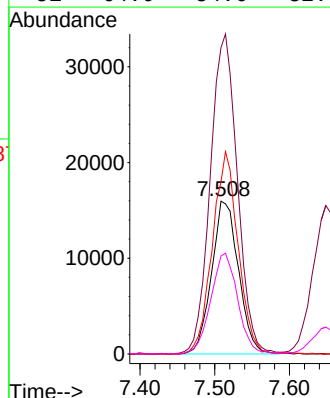
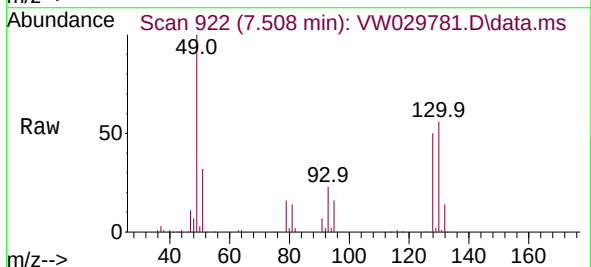
Ion Ratio Lower Upper

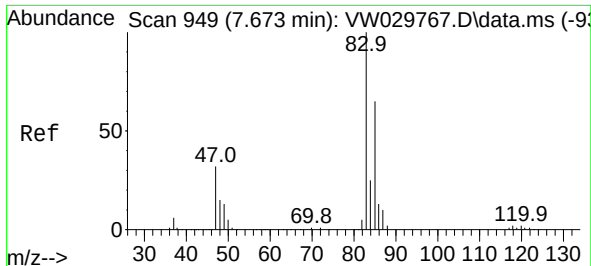
128 100

49 200.5 151.1 280.7

130 112.6 96.8 179.8

51 64.0 54.6 82.0





#25

Chloroform

Concen: 26.063 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

Instrument :

MSVOA_W

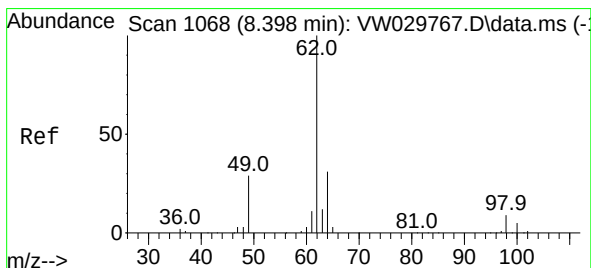
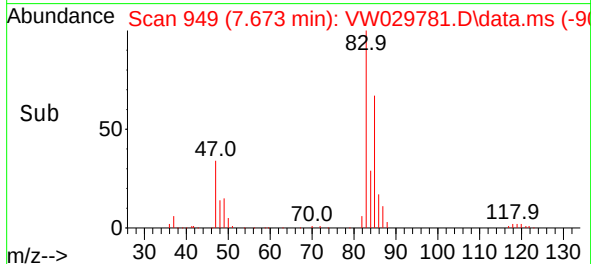
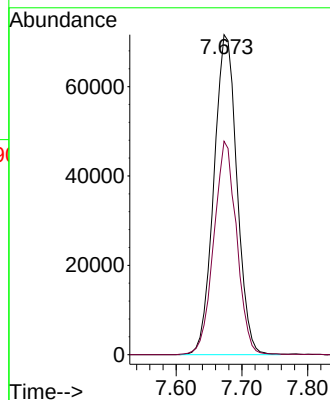
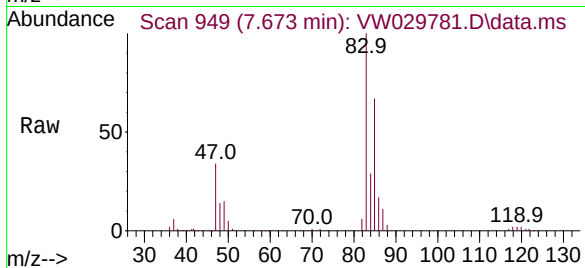
ClientSampleId :

Tgt Ion: 83 Resp: 174918

Ion Ratio Lower Upper

83 100

85 66.7 44.4 82.4



#27

1,2-Dichloroethane

Concen: 25.721 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029781.D

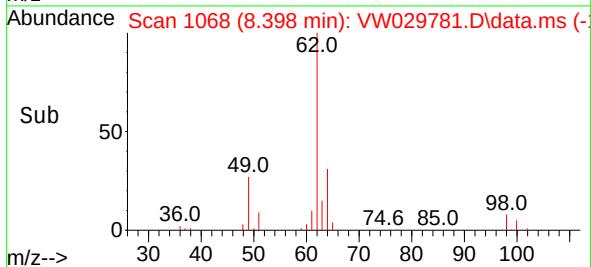
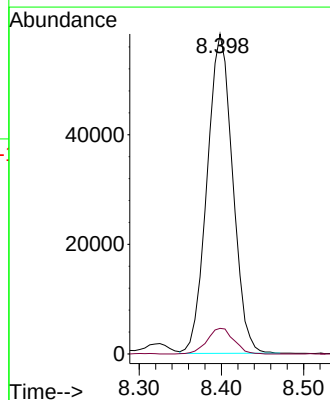
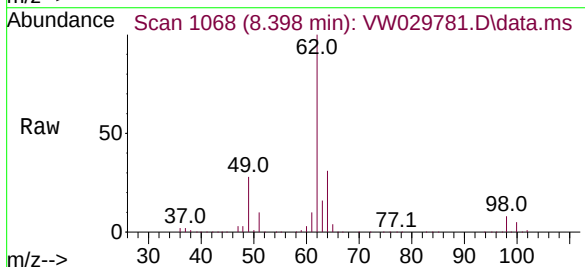
Acq: 29 Jul 2024 10:53

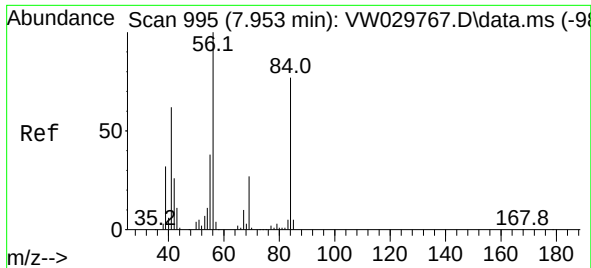
Tgt Ion: 62 Resp: 125803

Ion Ratio Lower Upper

62 100

98 8.0 6.6 10.0





#29

Cyclohexane

Concen: 25.101 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

Instrument :

MSVOA_W

ClientSampleId :

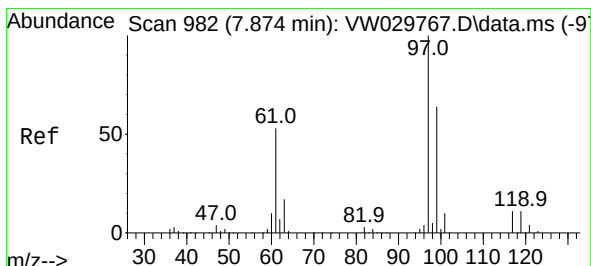
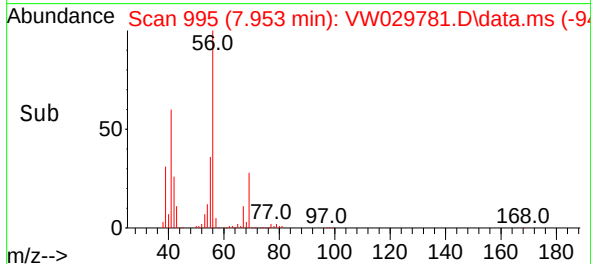
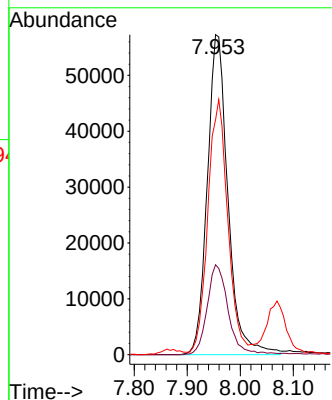
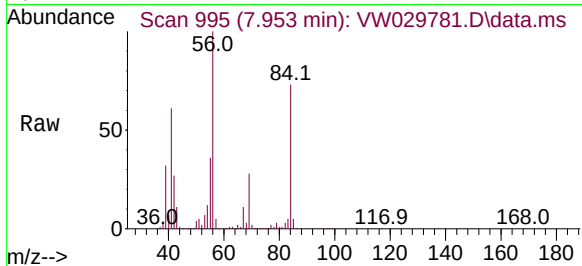
Tgt Ion: 56 Resp: 155043

Ion Ratio Lower Upper

56 100

69 28.0 23.0 34.4

84 76.8 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 25.517 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

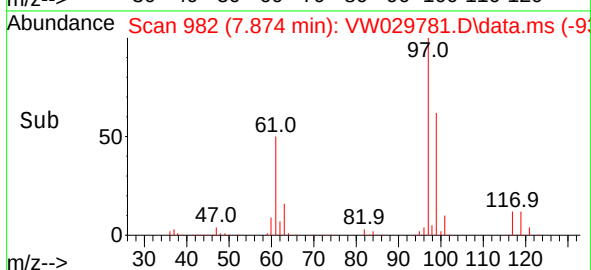
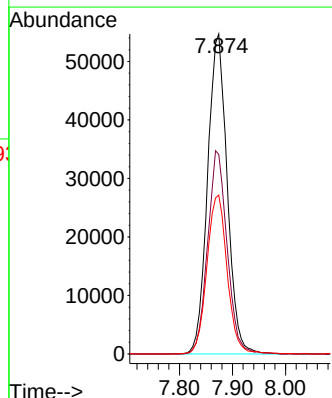
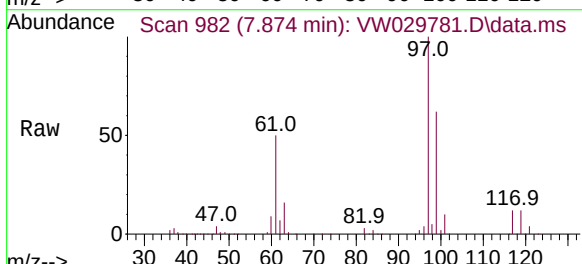
Tgt Ion: 97 Resp: 140451

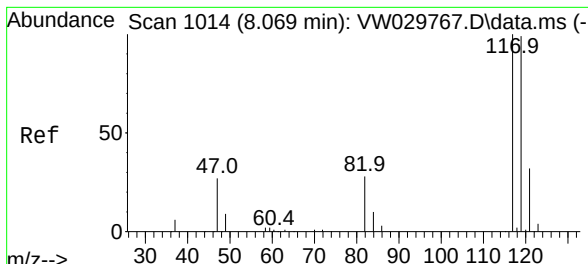
Ion Ratio Lower Upper

97 100

99 63.0 52.1 78.1

61 51.5 42.6 63.8

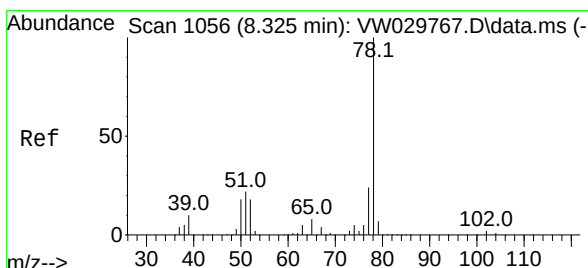
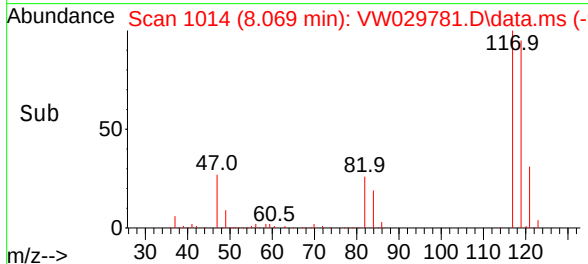
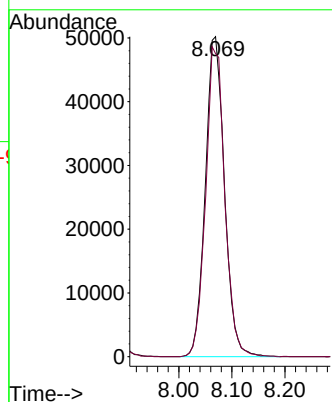
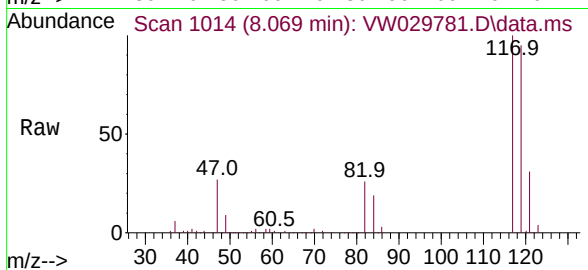




#31
Carbon tetrachloride
Concen: 25.375 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53

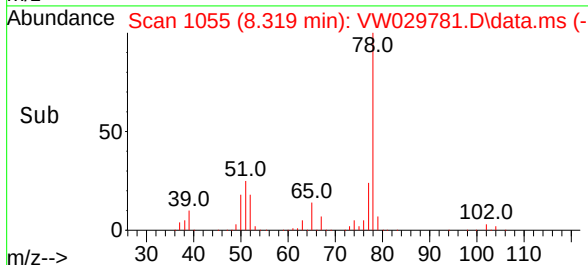
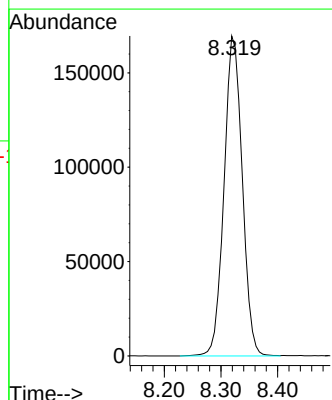
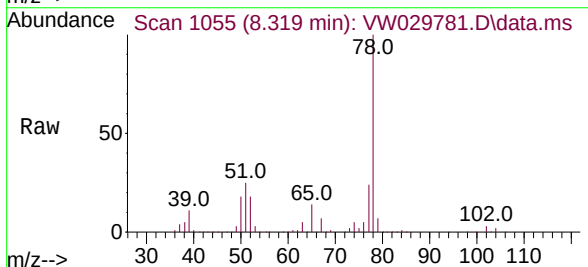
Instrument :
MSVOA_W
ClientSampleId :

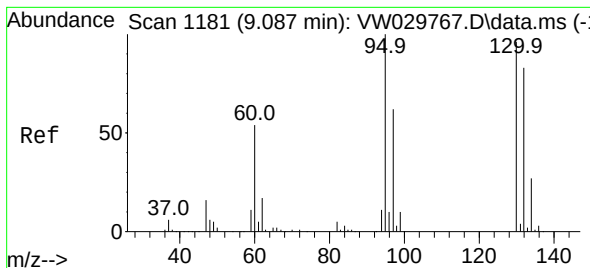
Tgt Ion:117 Resp: 125855
Ion Ratio Lower Upper
117 100
119 97.0 74.8 112.2



#33
Benzene
Concen: 25.435 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53

Tgt Ion: 78 Resp: 378798





#34

Trichloroethene

Concen: 24.365 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 95121

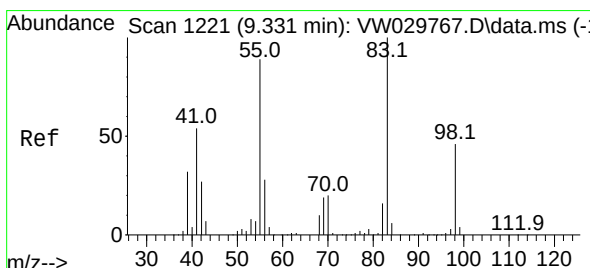
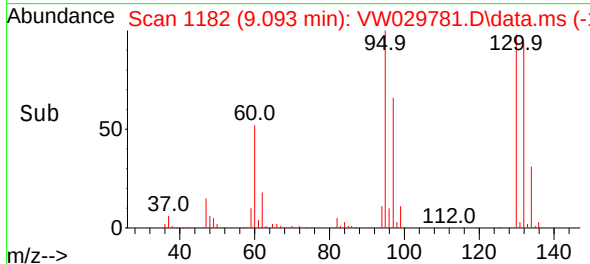
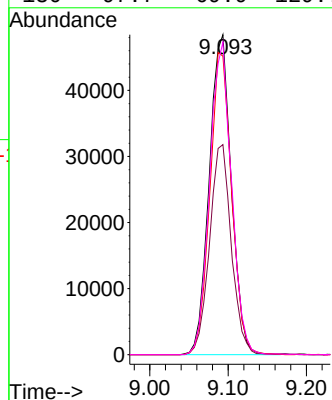
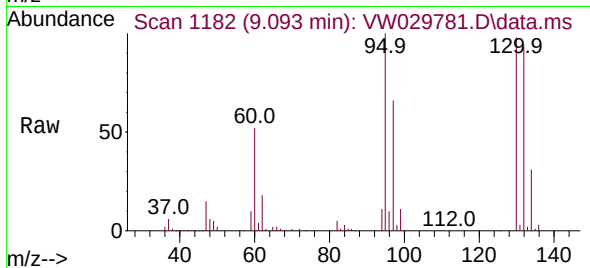
Ion Ratio Lower Upper

95 100

97 65.6 45.6 84.8

132 93.3 65.2 121.0

130 97.7 69.9 129.7



#35

Methylcyclohexane

Concen: 25.851 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

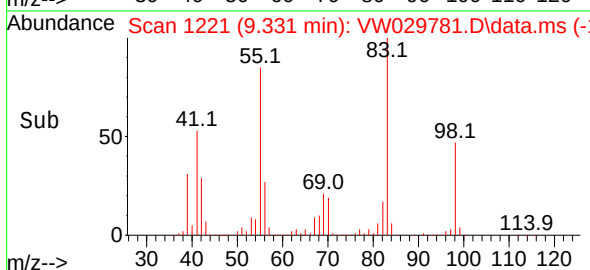
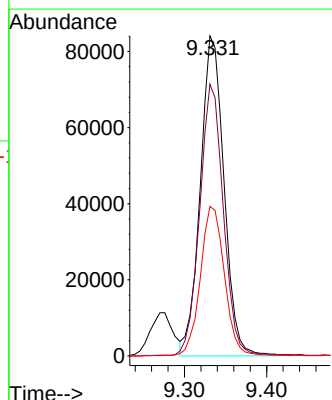
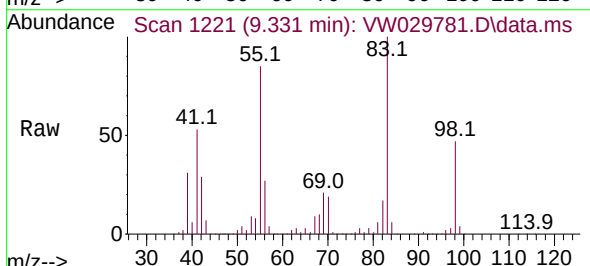
Tgt Ion: 83 Resp: 168168

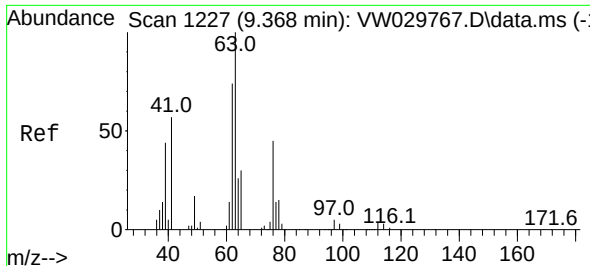
Ion Ratio Lower Upper

83 100

55 85.5 67.4 101.2

98 47.7 36.7 55.1





#37

1,2-Dichloropropane

Concen: 25.626 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

Instrument :

MSVOA_W

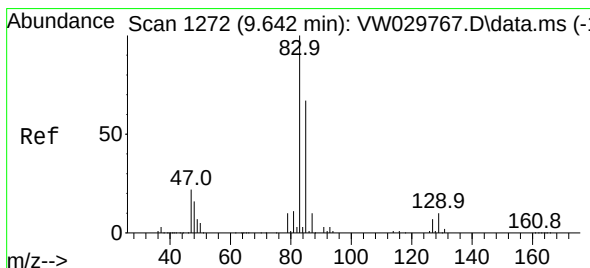
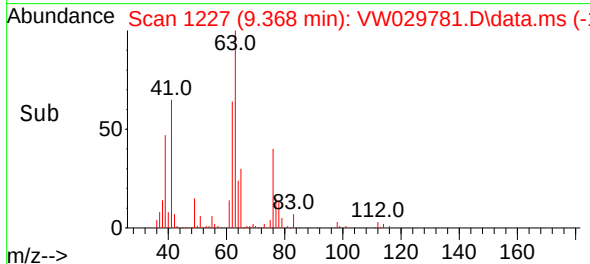
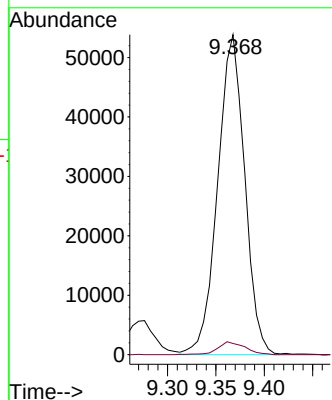
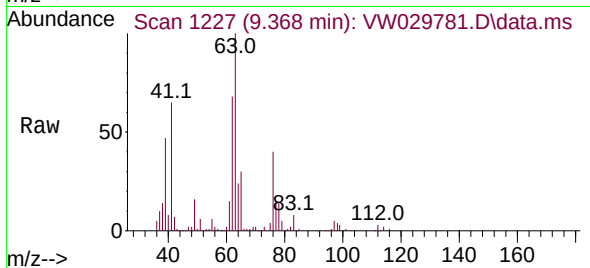
ClientSampleId :

Tgt Ion: 63 Resp: 104585

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 25.762 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

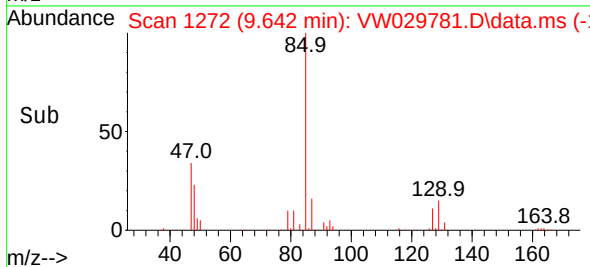
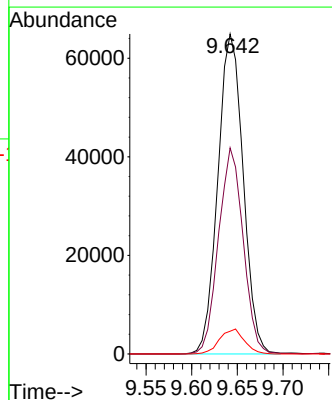
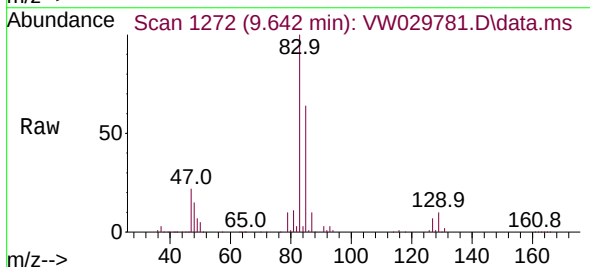
Tgt Ion: 83 Resp: 125200

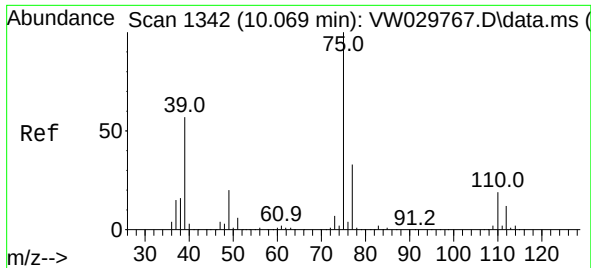
Ion Ratio Lower Upper

83 100

85 64.4 46.6 86.6

127 7.1 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 25.183 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

Instrument :

MSVOA_W

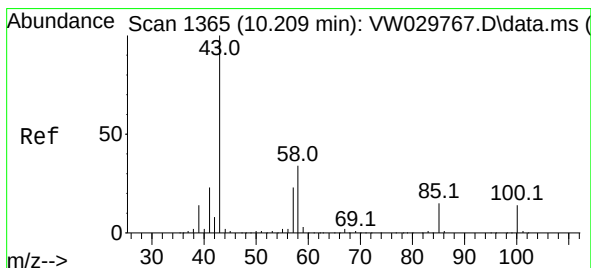
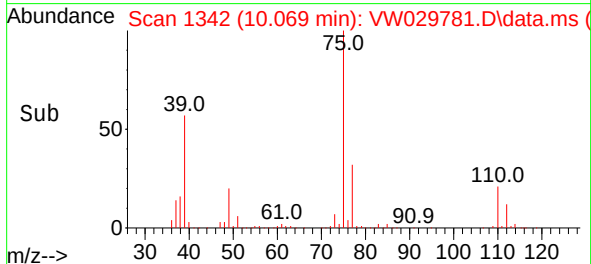
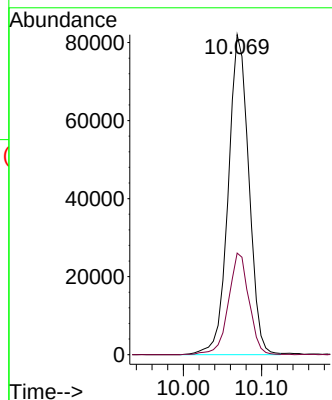
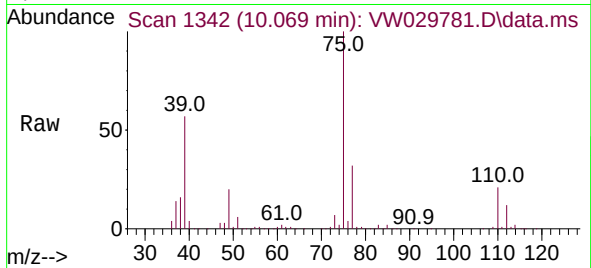
ClientSampleId :

Tgt Ion: 75 Resp: 149678

Ion Ratio Lower Upper

75 100

77 31.8 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 46.254 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

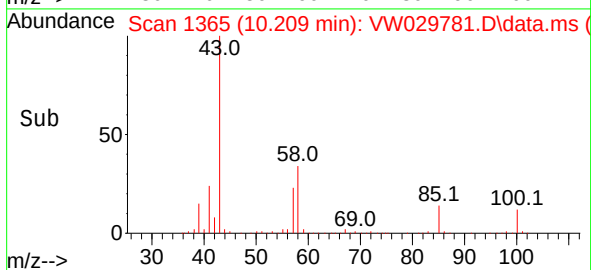
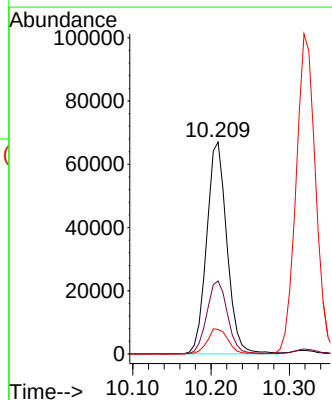
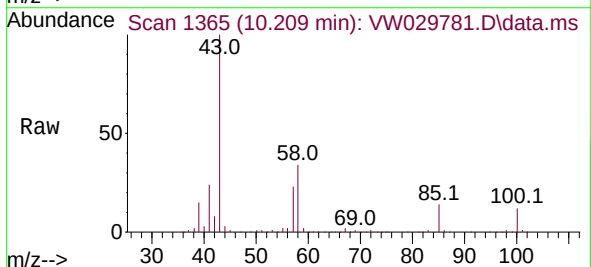
Tgt Ion: 43 Resp: 119902

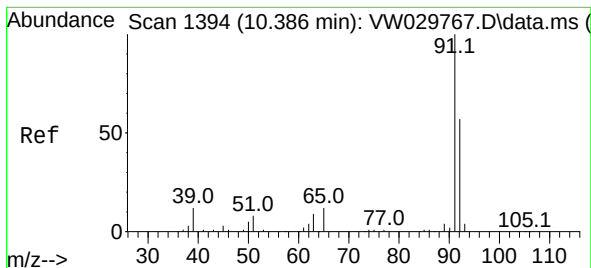
Ion Ratio Lower Upper

43 100

58 35.4 28.7 43.1

100 12.3 10.0 15.0





#42

Toluene

Concen: 25.760 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

Instrument :

MSVOA_W

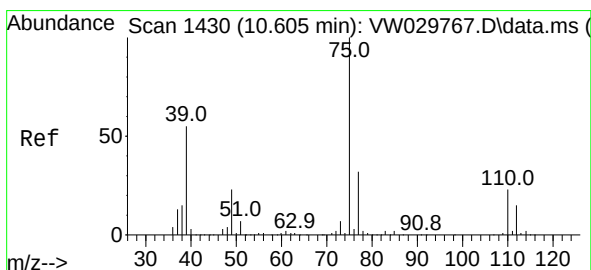
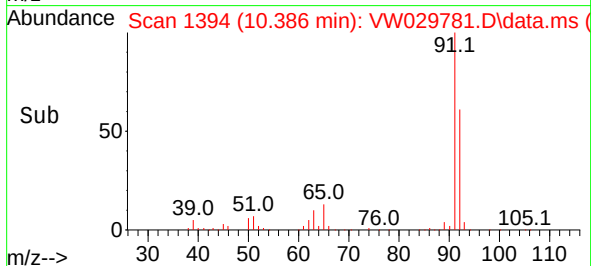
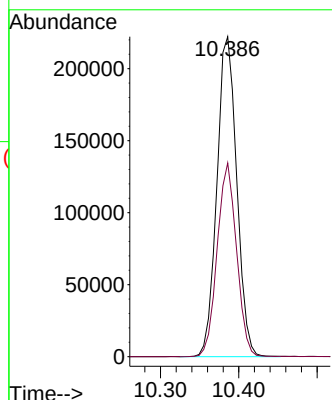
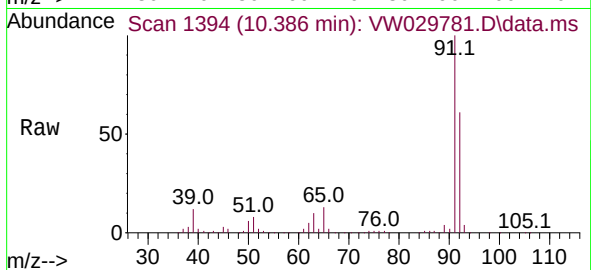
ClientSampleId :

Tgt Ion: 91 Resp: 391592

Ion Ratio Lower Upper

91 100

92 60.5 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 25.320 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029781.D

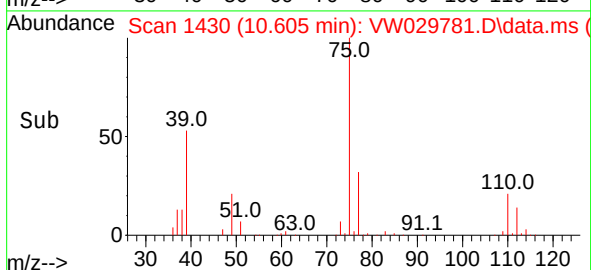
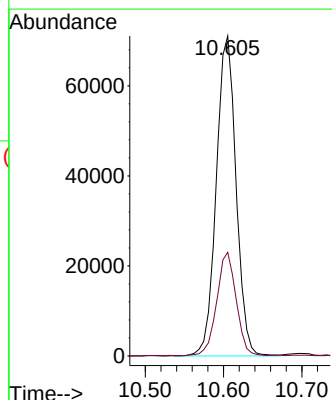
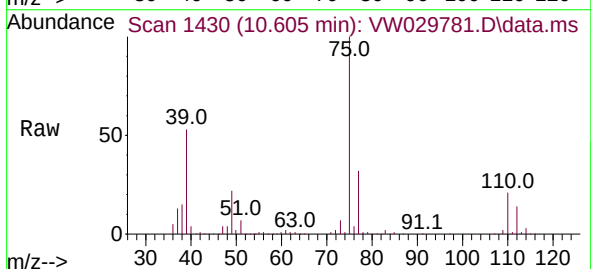
Acq: 29 Jul 2024 10:53

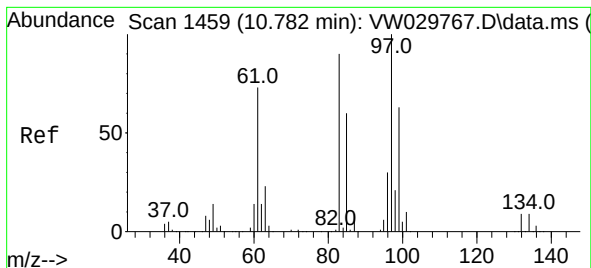
Tgt Ion: 75 Resp: 124929

Ion Ratio Lower Upper

75 100

77 32.4 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 24.464 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 67073

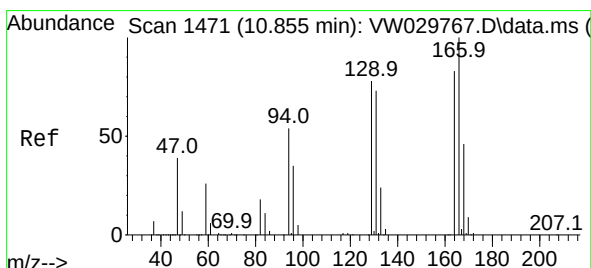
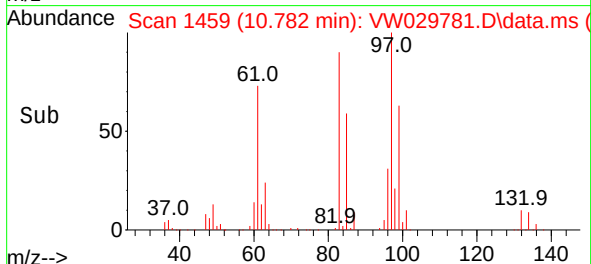
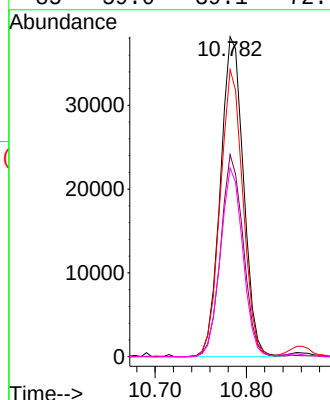
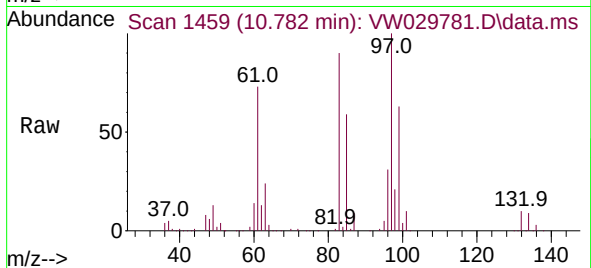
Ion Ratio Lower Upper

97 100

99 63.1 40.1 74.5

83 89.7 58.5 108.7

85 59.0 39.1 72.7



#46

Tetrachloroethene

Concen: 24.362 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

Tgt Ion:164 Resp: 69130

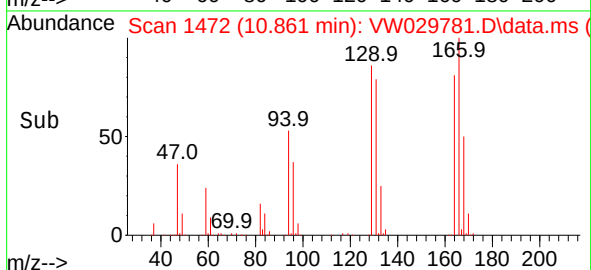
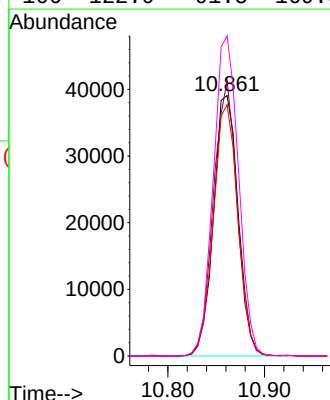
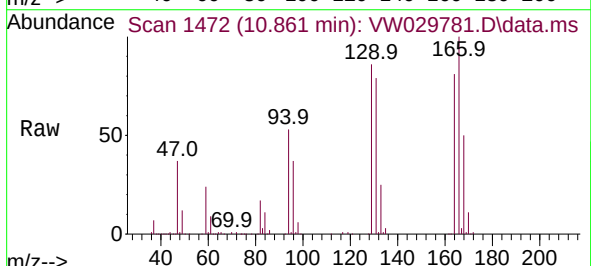
Ion Ratio Lower Upper

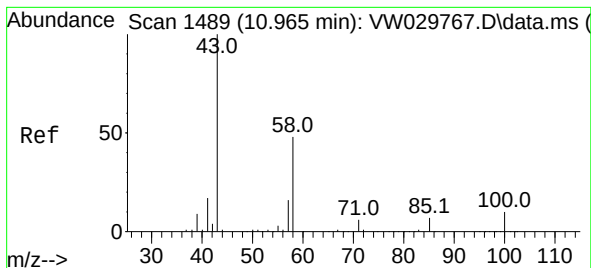
164 100

129 105.7 77.8 144.6

131 96.5 70.9 131.7

166 122.9 91.5 169.9





#48

2-Hexanone

Concen: 46.483 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

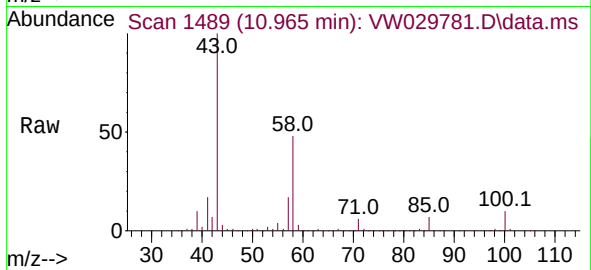
Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 90247

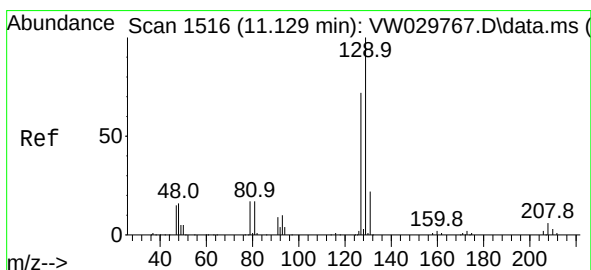
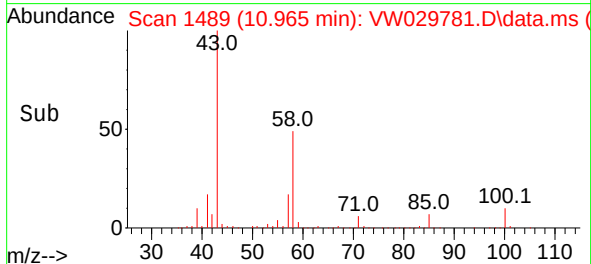
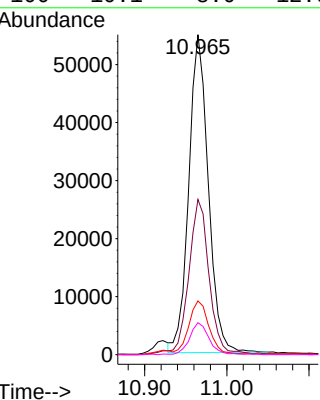
Ion Ratio Lower Upper

43 100

58 47.0 41.0 61.4

57 17.9 14.1 21.1

100 10.1 8.0 12.0



#49

Dibromochloromethane

Concen: 24.750 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW029781.D

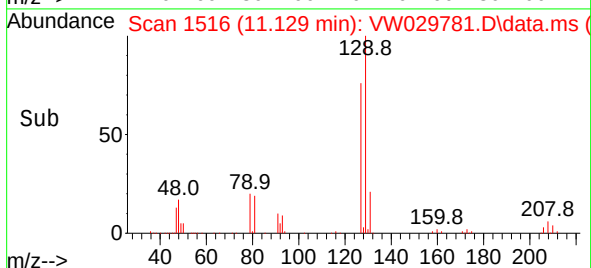
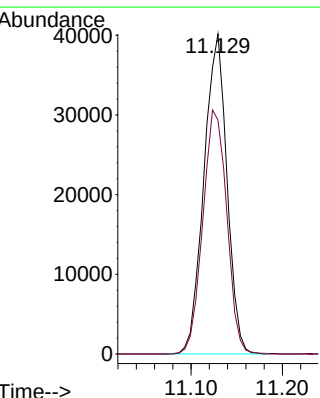
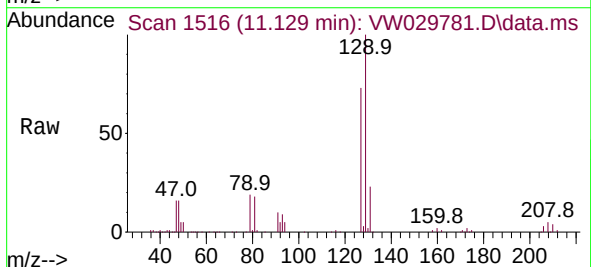
Acq: 29 Jul 2024 10:53

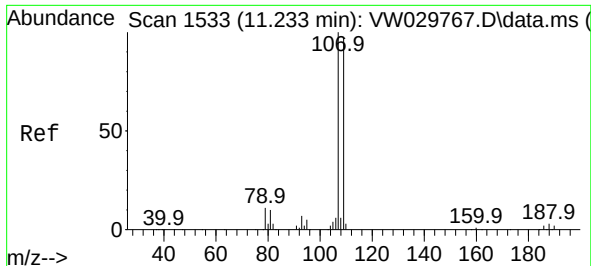
Tgt Ion:129 Resp: 70445

Ion Ratio Lower Upper

129 100

127 73.1 52.4 97.2





#50

1,2-Dibromoethane

Concen: 23.831 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029781.D

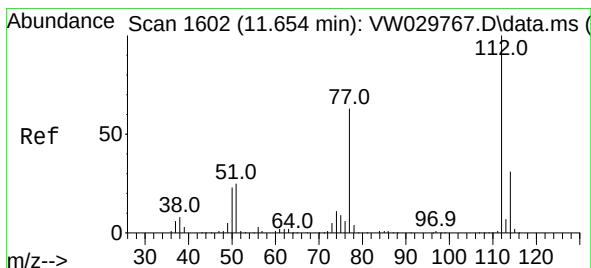
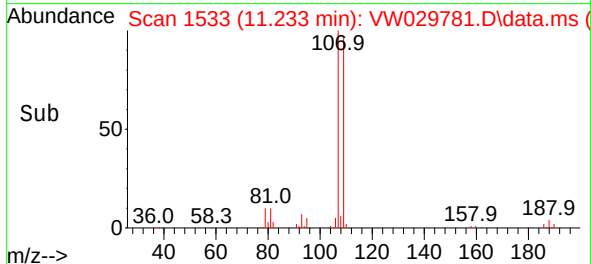
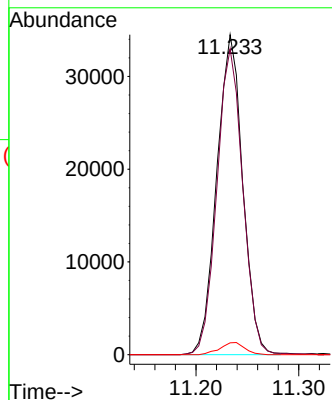
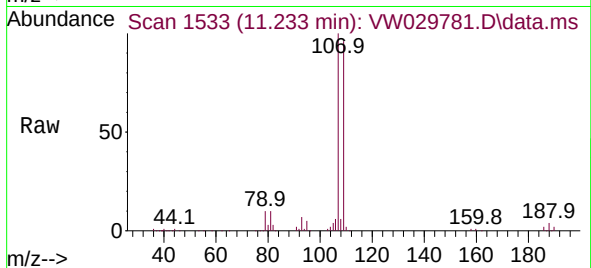
Acq: 29 Jul 2024 10:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	60455
Ion	Ratio	Lower	Upper
107	100		
109	95.6	64.8	120.3
188	3.7	2.7	4.1



#51

Chlorobenzene

Concen: 24.723 ug/L

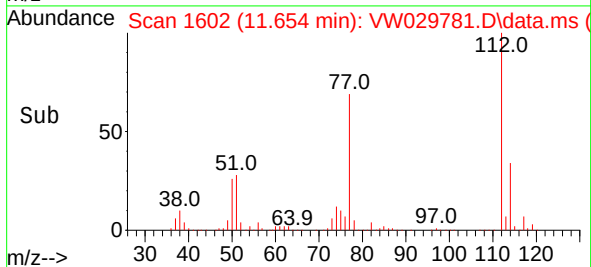
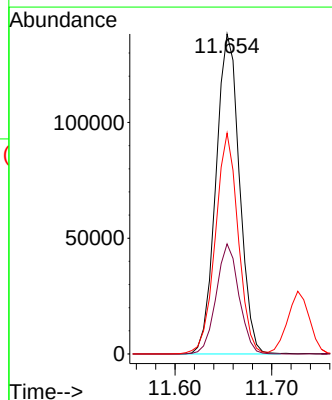
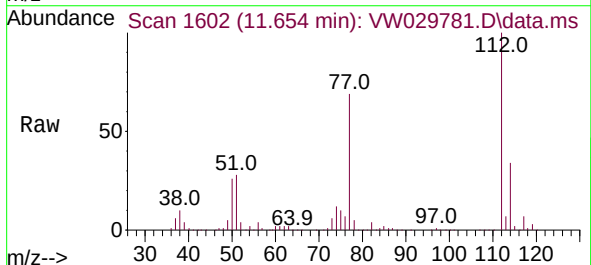
RT: 11.654 min Scan# 1602

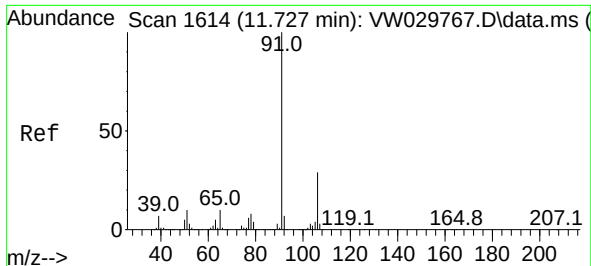
Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

Tgt Ion:	112	Resp:	233772
Ion	Ratio	Lower	Upper
112	100		
114	34.4	22.0	40.8
77	69.0	53.8	80.8

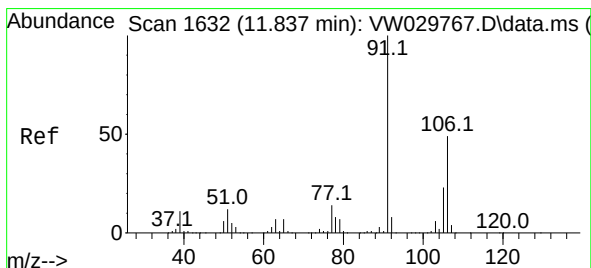
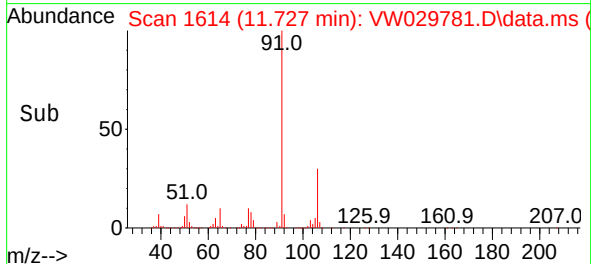
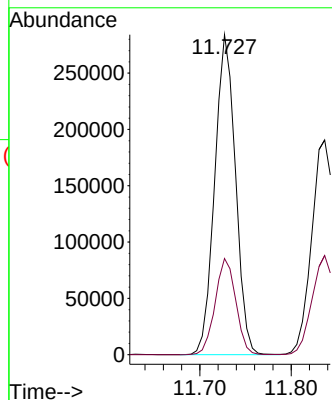
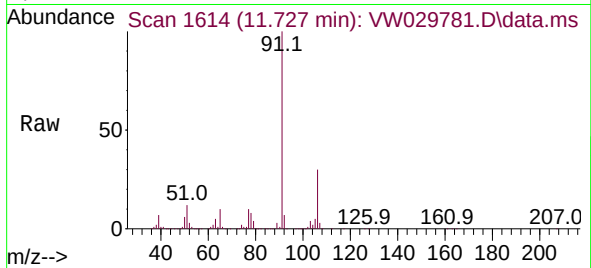




#52
Ethylbenzene
Concen: 26.215 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53

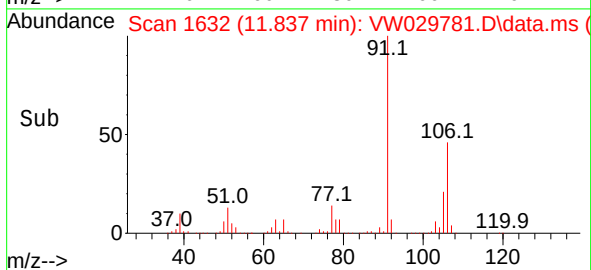
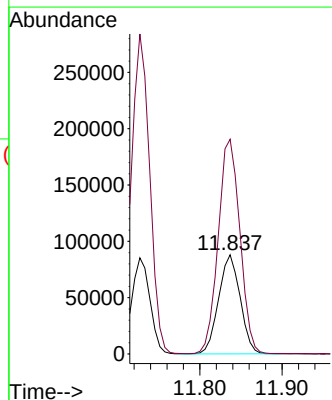
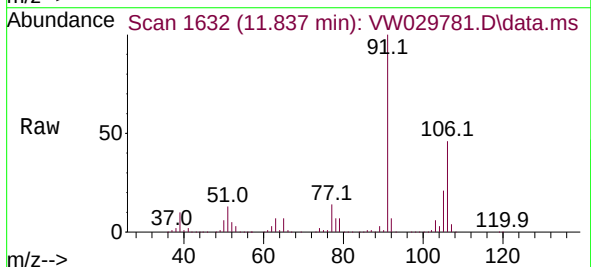
Instrument :
MSVOA_W
ClientSampleId :

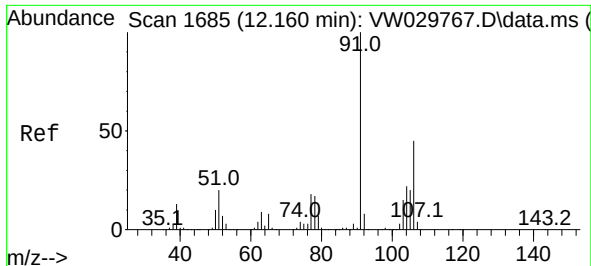
Tgt Ion: 91 Resp: 449521
Ion Ratio Lower Upper
91 100
106 30.1 20.4 38.0



#53
m,p-Xylene
Concen: 25.373 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53

Tgt Ion:106 Resp: 160010
Ion Ratio Lower Upper
106 100
91 216.5 151.4 281.2

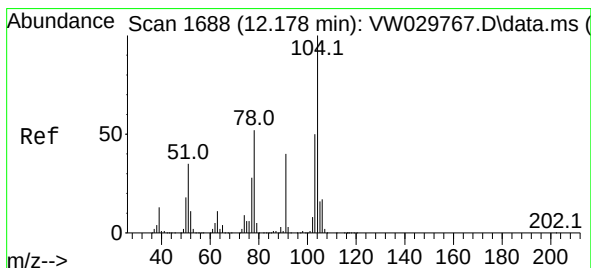
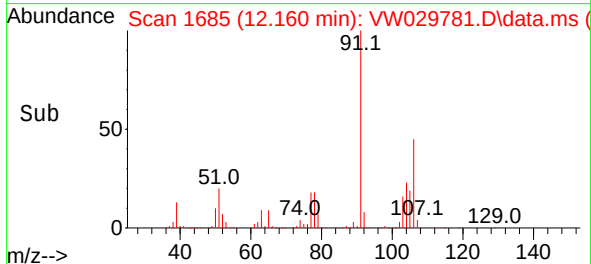
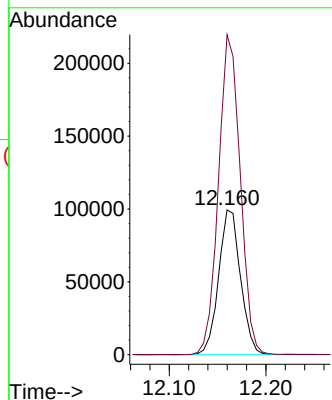
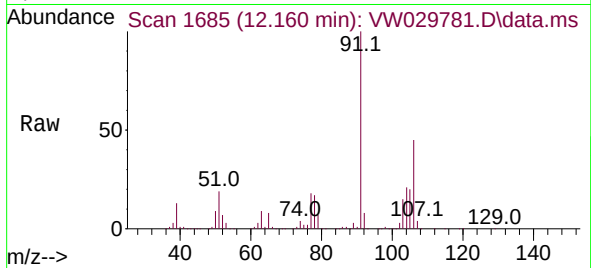




#54
o-Xylene
Concen: 26.856 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53

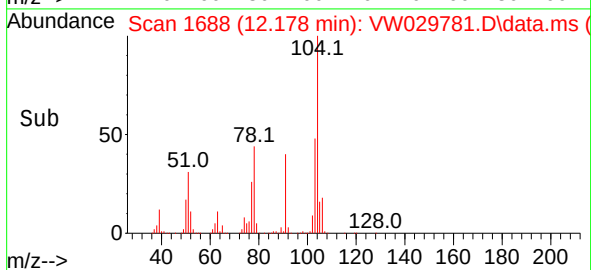
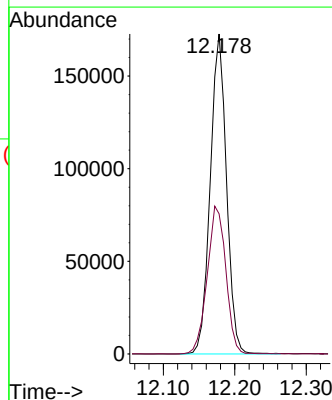
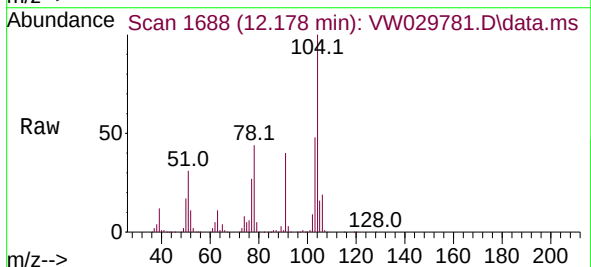
Instrument :
MSVOA_W
ClientSampleId :

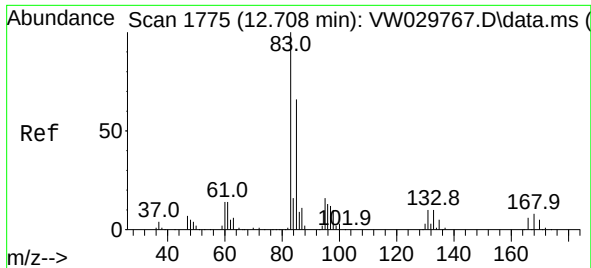
Tgt Ion:106 Resp: 155965
Ion Ratio Lower Upper
106 100
91 220.9 155.8 289.4



#55
Styrene
Concen: 27.085 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53

Tgt Ion:104 Resp: 272641
Ion Ratio Lower Upper
104 100
78 43.8 33.3 61.9

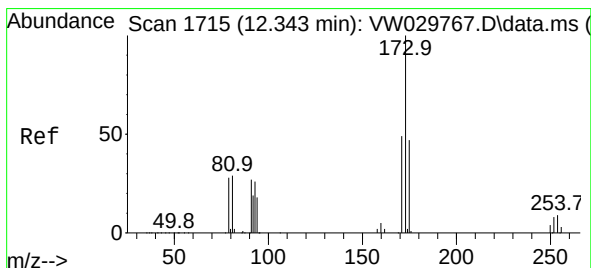
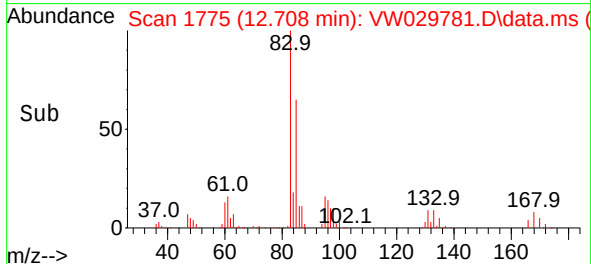
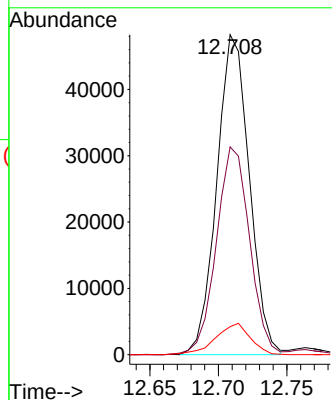
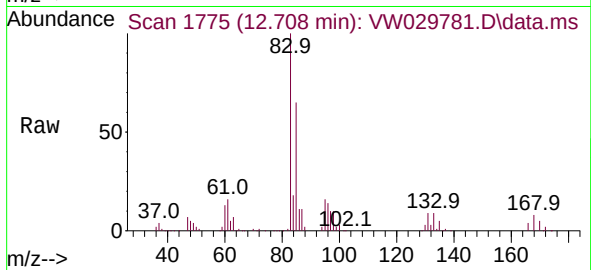




#57
1,1,2,2-Tetrachloroethane
Concen: 23.683 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53

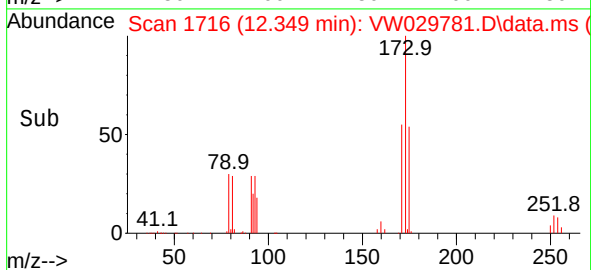
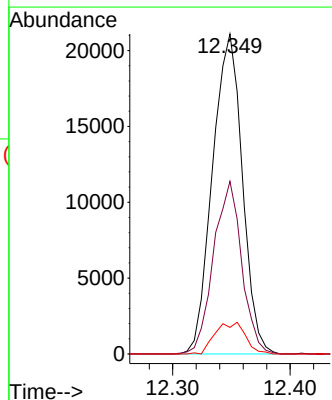
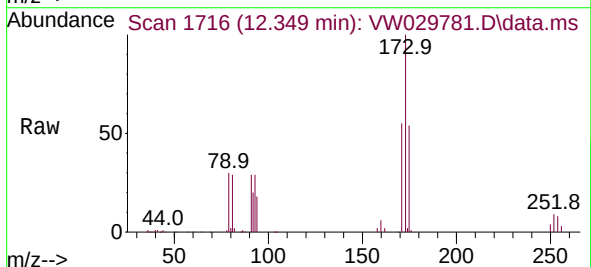
Instrument :
MSVOA_W
ClientSampleId :

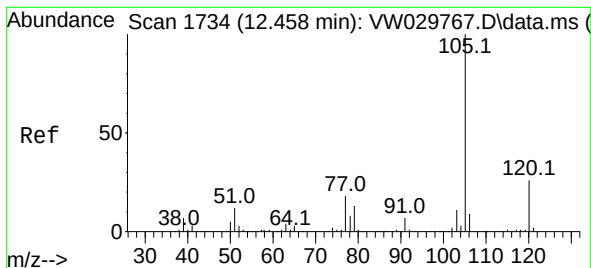
Tgt Ion: 83 Resp: 79698
Ion Ratio Lower Upper
83 100
85 64.9 44.2 82.0
131 8.7 6.2 9.2



#59
Bromoform
Concen: 24.006 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53

Tgt Ion:173 Resp: 37231
Ion Ratio Lower Upper
173 100
175 50.9 38.1 57.1
254 10.0 7.8 11.6





#60

Isopropylbenzene

Concen: 26.692 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

Instrument :

MSVOA_W

ClientSampleId :

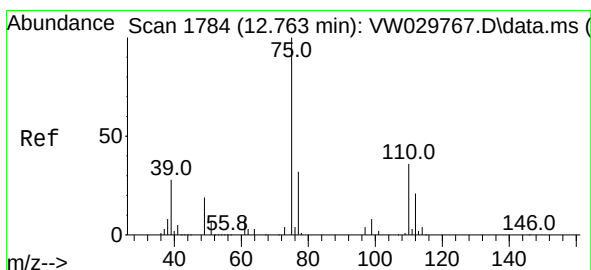
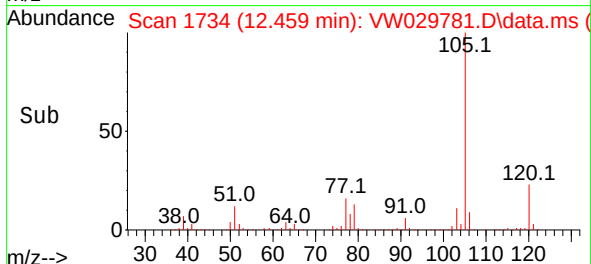
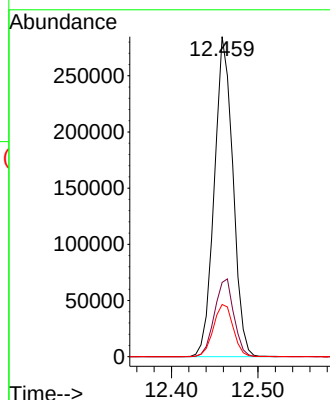
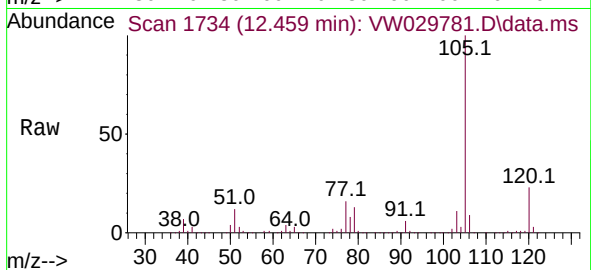
Tgt Ion:105 Resp: 425730

Ion Ratio Lower Upper

105 100

120 25.2 20.3 30.5

77 17.4 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 23.796 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

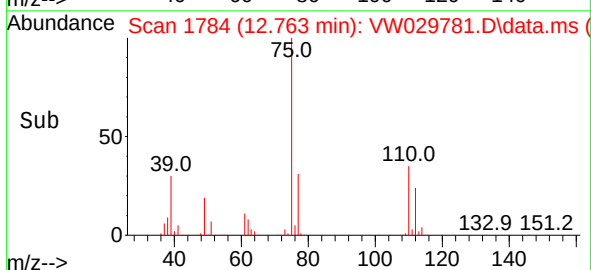
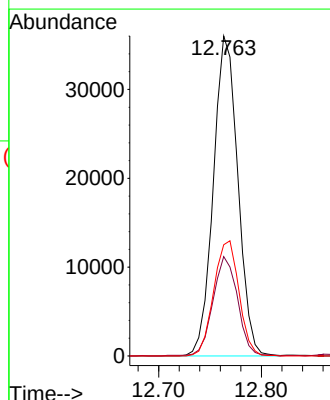
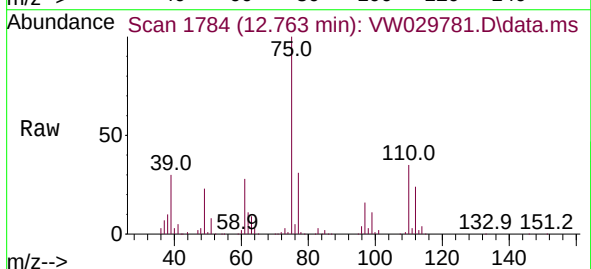
Tgt Ion: 75 Resp: 59654

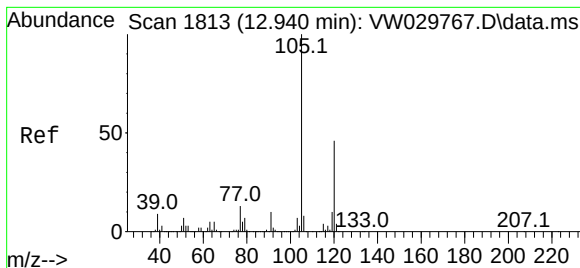
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

110 37.0 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 29.255 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

Instrument :

MSVOA_W

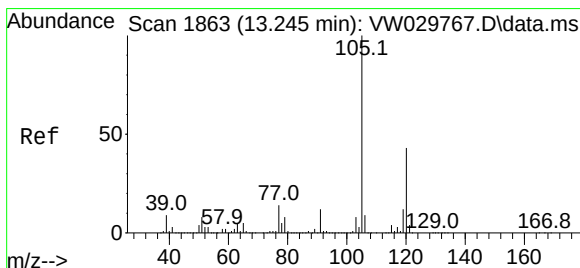
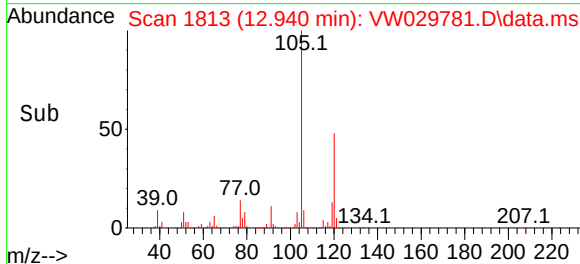
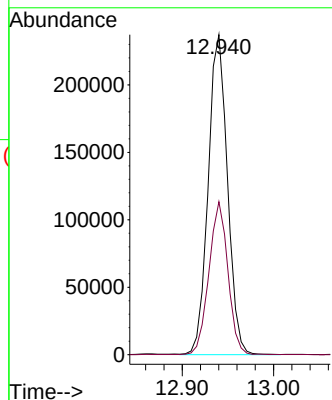
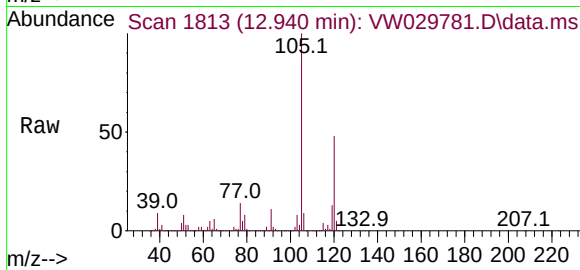
ClientSampleId :

Tgt Ion:105 Resp: 346826

Ion Ratio Lower Upper

105 100

120 46.8 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 26.854 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029781.D

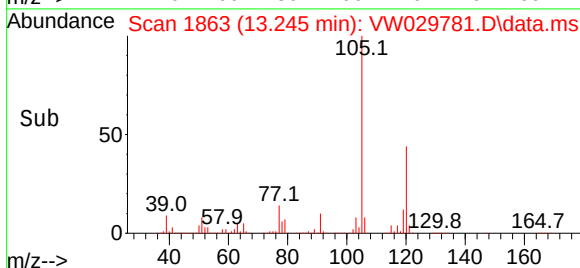
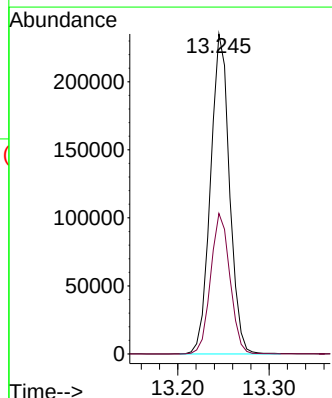
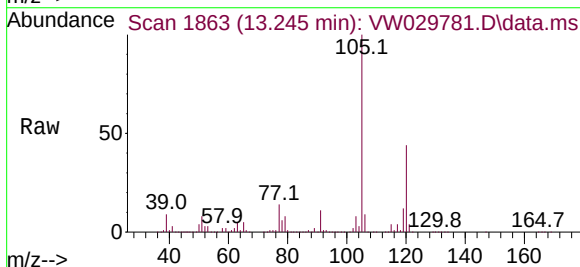
Acq: 29 Jul 2024 10:53

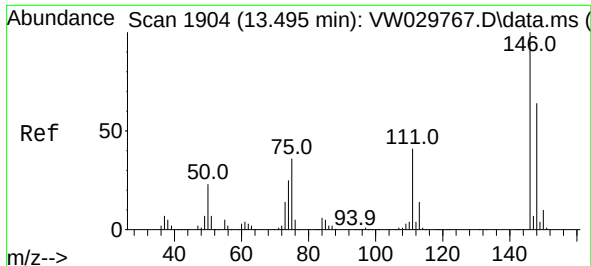
Tgt Ion:105 Resp: 340469

Ion Ratio Lower Upper

105 100

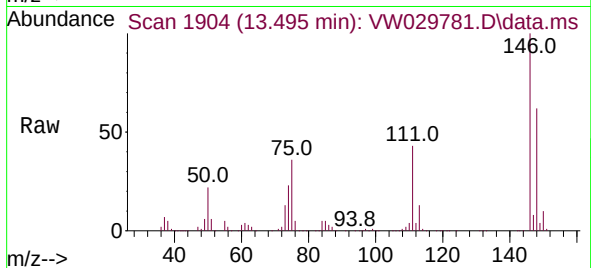
120 44.4 35.4 53.0



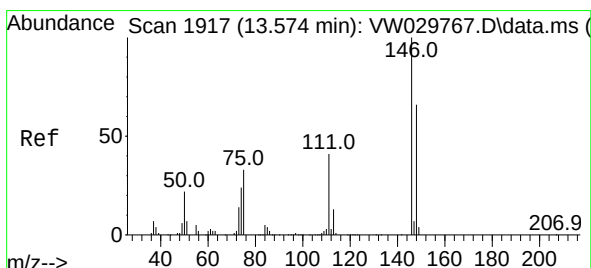
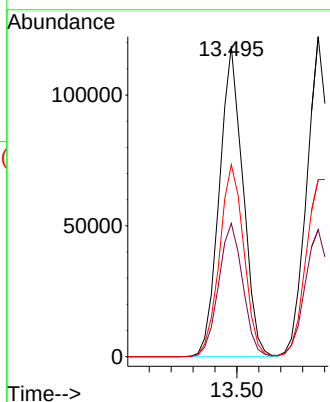
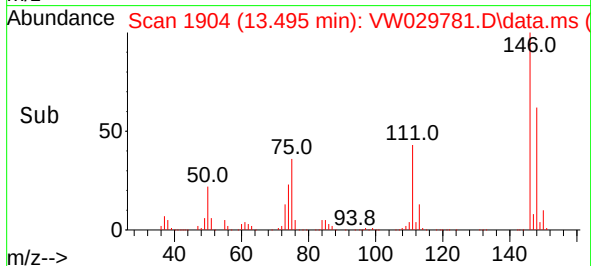


#64
1,3-Dichlorobenzene
Concen: 26.089 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53

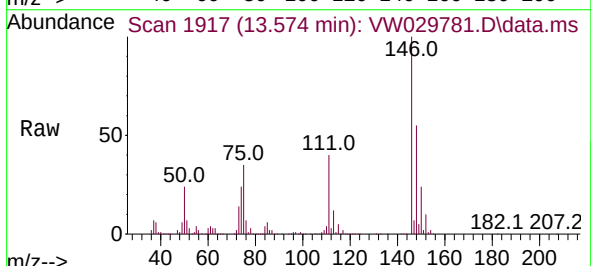
Instrument :
MSVOA_W
ClientSampleId :



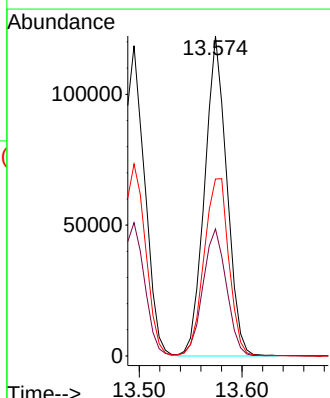
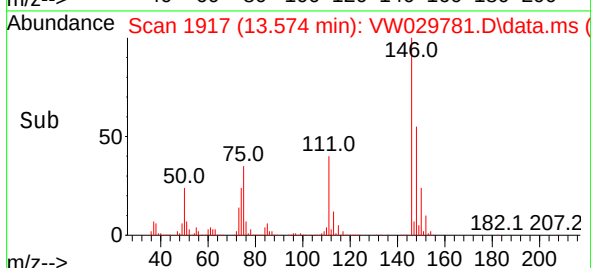
Tgt Ion:146 Resp: 177535
Ion Ratio Lower Upper
146 100
111 43.0 28.7 53.3
148 61.9 43.4 80.6

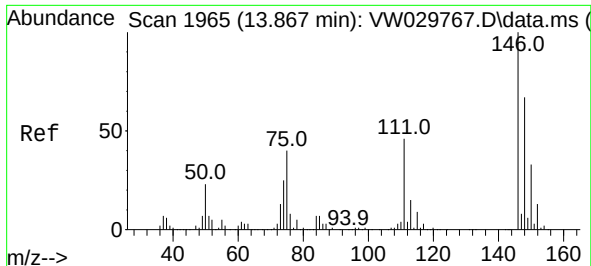


#65
1,4-Dichlorobenzene
Concen: 26.231 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53



Tgt Ion:146 Resp: 183357
Ion Ratio Lower Upper
146 100
111 39.7 30.1 55.9
148 55.3 45.4 84.4

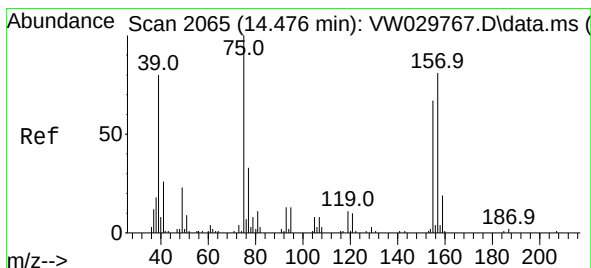
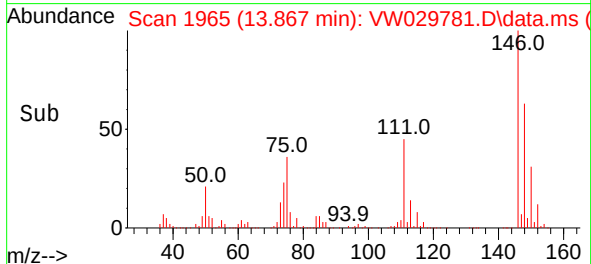
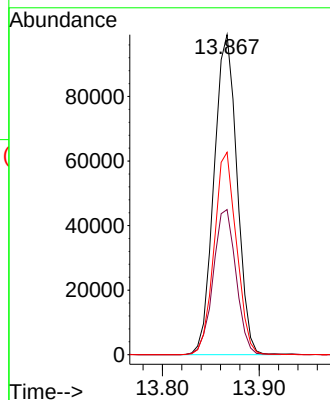
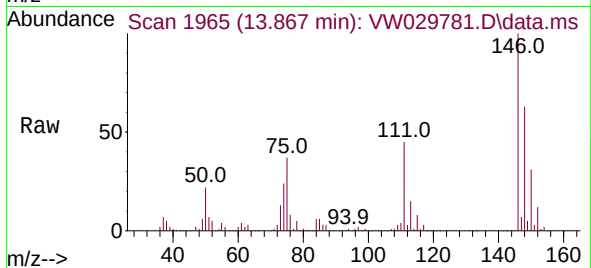




#67
1,2-Dichlorobenzene
Concen: 26.419 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53

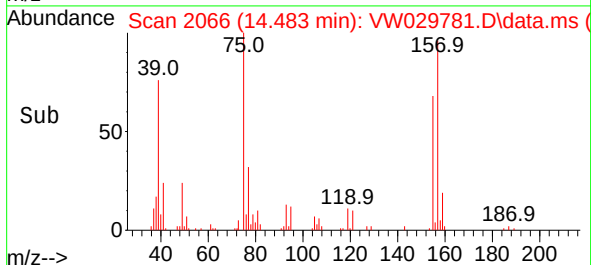
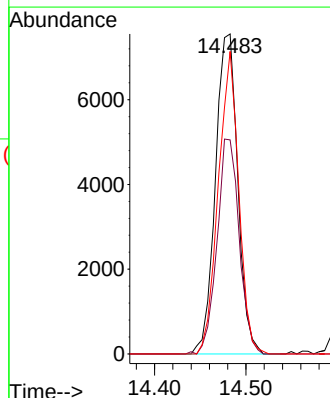
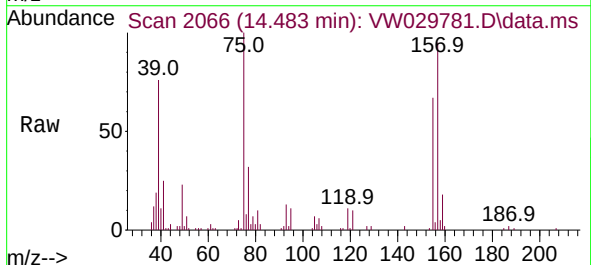
Instrument :
MSVOA_W
ClientSampleId :

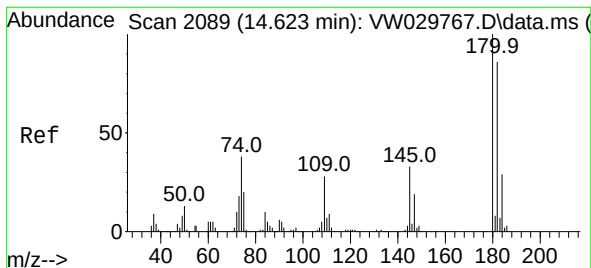
Tgt Ion:146 Resp: 163678
Ion Ratio Lower Upper
146 100
111 45.3 35.8 53.8
148 63.3 52.6 78.8



#68
1,2-Dibromo-3-chloropropane
Concen: 22.468 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53

Tgt Ion: 75 Resp: 12789
Ion Ratio Lower Upper
75 100
155 66.9 47.8 71.6
157 94.6 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 24.648 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 114759

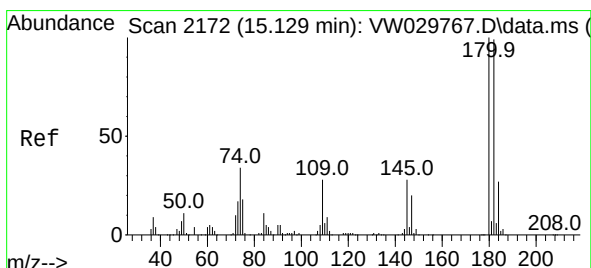
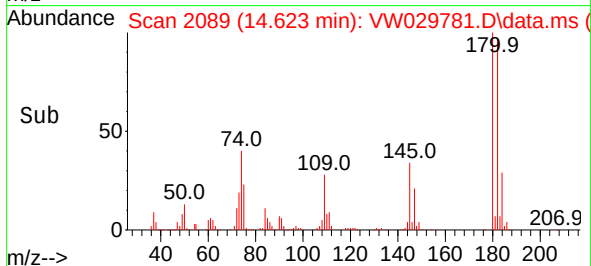
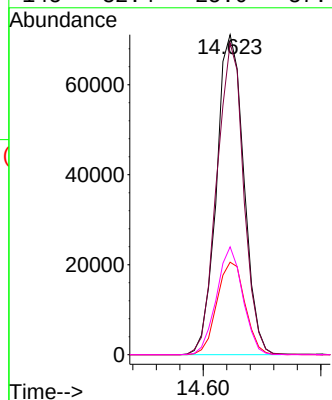
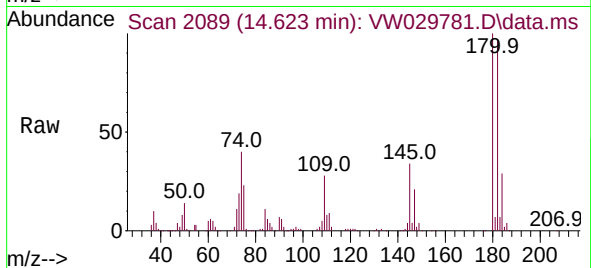
Ion Ratio Lower Upper

180 100

182 95.7 72.7 109.1

184 29.7 23.3 34.9

145 32.4 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 24.416 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW029781.D

Acq: 29 Jul 2024 10:53

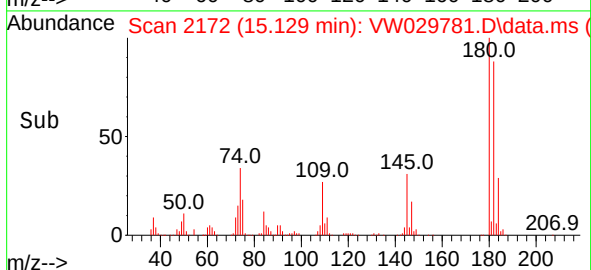
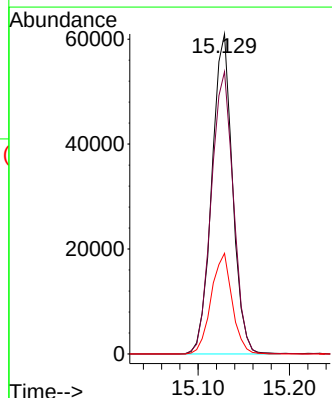
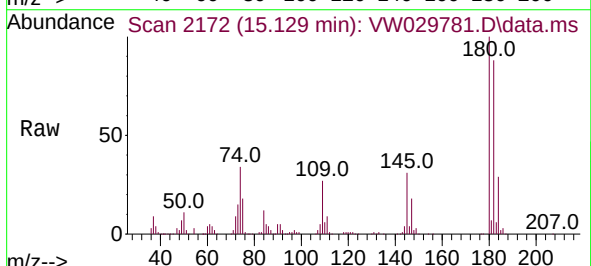
Tgt Ion:180 Resp: 95770

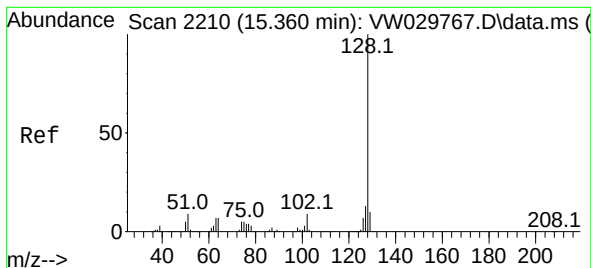
Ion Ratio Lower Upper

180 100

182 94.1 80.2 120.4

145 31.9 26.3 39.5

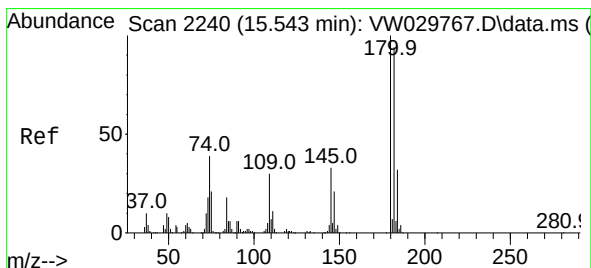
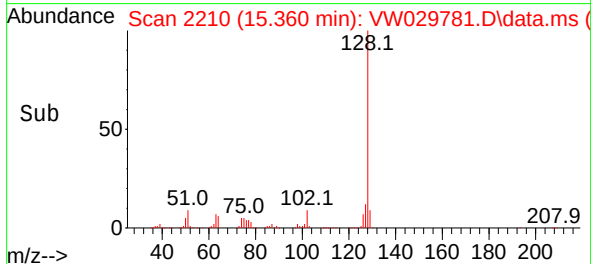
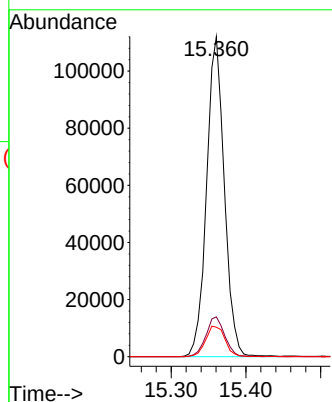
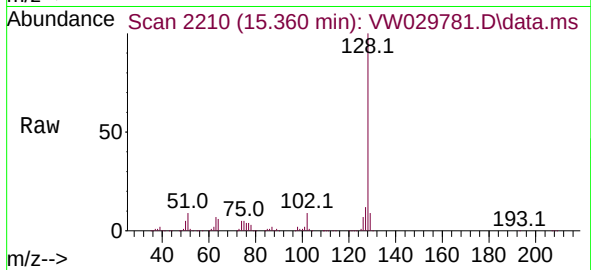




#71
Naphthalene
Concen: 24.651 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 184498
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.5 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 24.178 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW029781.D
Acq: 29 Jul 2024 10:53

Tgt Ion:180 Resp: 85836
Ion Ratio Lower Upper
180 100
182 95.6 74.0 111.0
145 33.6 27.5 41.3

