

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080724\
 Data File : VW029845.D
 Acq On : 07 Aug 2024 11:58
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 01:58:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 07 02:26:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	210332	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	199871	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	99168	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	50139	16.791	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.160%
7) Chloroethane-d5	2.899	69	45443	21.316	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.280%
11) 1,1-Dichloroethene-d2	4.021	65	26277	19.278	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.120%
21) 2-Butanone-d5	7.081	46	39606	48.393	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.780%
24) Chloroform-d	7.648	84	144666	26.570	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.280%
26) 1,2-Dichloroethane-d4	8.307	65	81759	26.363	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.440%
32) Benzene-d6	8.276	84	258543	23.940	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.760%
36) 1,2-Dichloropropane-d6	9.276	67	88830	25.760	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.040%
41) Toluene-d8	10.319	98	233193	24.285	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.120%
43) trans-1,3-Dichloroprop...	10.575	79	32404	23.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.880%
47) 2-Hexanone-d5	10.922	63	27894	49.058	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70139	27.393	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	76463	24.832	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	74955	26.438	ug/L	97
3) Chloromethane	2.222	50	85362	24.332	ug/L	98
5) Vinyl chloride	2.375	62	103560	26.345	ug/L	99
6) Bromomethane	2.789	94	57129	26.466	ug/L	98
8) Chloroethane	2.936	64	61961	27.708	ug/L	96
9) Trichlorofluoromethane	3.265	101	83600	26.625	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	82853	26.494	ug/L	98
12) 1,1-Dichloroethene	4.039	96	76737	26.706	ug/L	96
13) Acetone	4.125	43	44907	44.152	ug/L	99
14) Carbon disulfide	4.393	76	246825	25.812	ug/L	98
15) Methyl Acetate	4.667	43	43331	25.578	ug/L	100
16) Methylene chloride	4.923	84	100121	22.770	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	84071	27.151	ug/L	99
18) Methyl tert-butyl Ether	5.435	73	131632	25.793	ug/L	97
19) 1,1-Dichloroethane	6.216	63	184703	28.283	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	93094	27.717	ug/L	96
22) 2-Butanone	7.167	43	58833	45.145	ug/L	100
23) Bromochloromethane	7.514	128	39951	28.018	ug/L	91
25) Chloroform	7.673	83	178722	29.047	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080724\
 Data File : VW029845.D
 Acq On : 07 Aug 2024 11:58
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 01:58:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 07 02:26:16 2024
 Response via : Initial Calibration

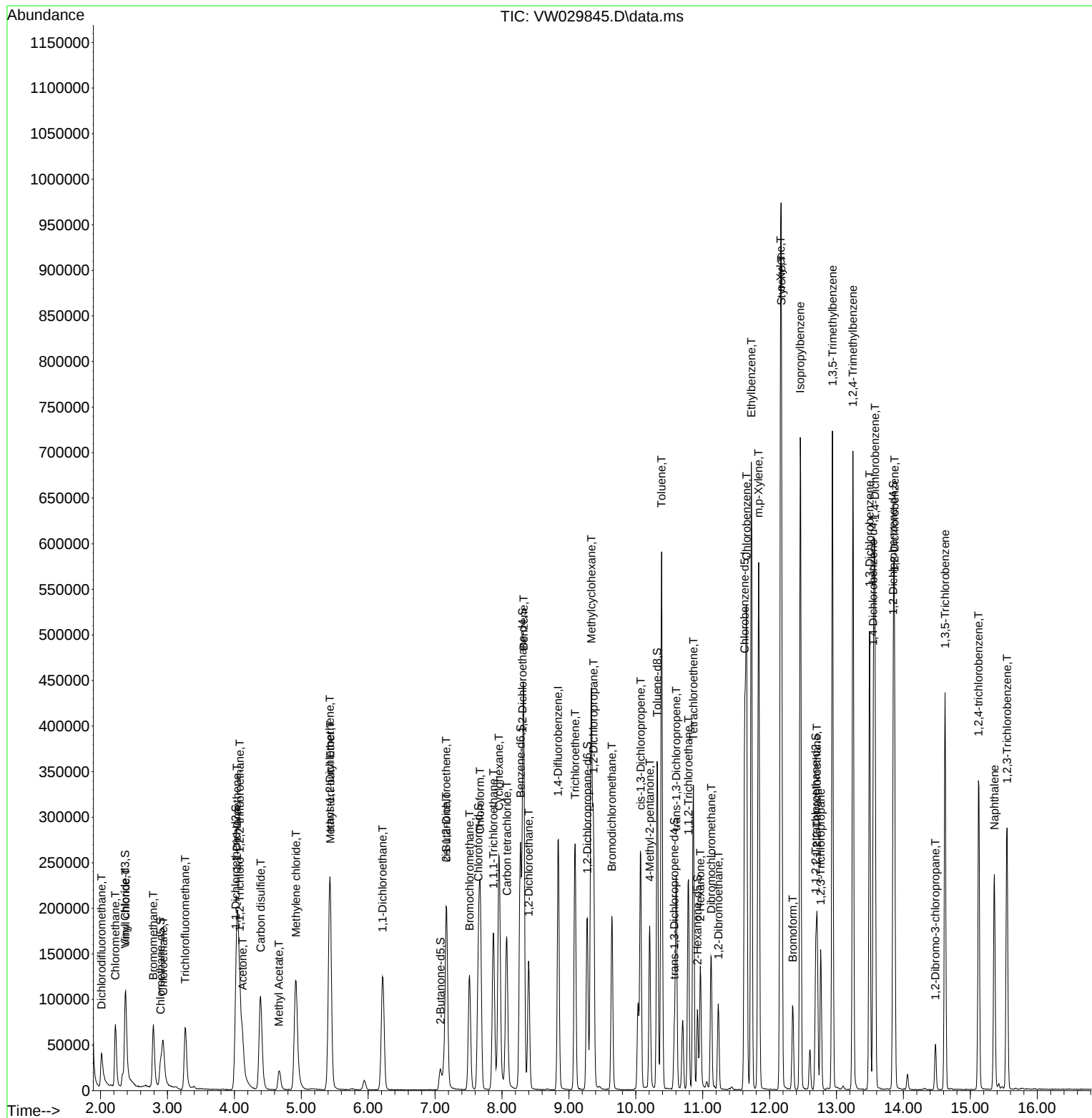
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	125762	28.047	ug/L	100
29) Cyclohexane	7.953	56	144798	25.493	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	136863	27.040	ug/L	99
31) Carbon tetrachloride	8.075	117	125063	27.421	ug/L	96
33) Benzene	8.325	78	382499	27.931	ug/L	100
34) Trichloroethene	9.093	95	96228	26.804	ug/L	93
35) Methylcyclohexane	9.337	83	158085	26.426	ug/L	97
37) 1,2-Dichloropropane	9.367	63	105026	27.986	ug/L	100
38) Bromodichloromethane	9.642	83	127212	28.465	ug/L	94
39) cis-1,3-Dichloropropene	10.075	75	148276	27.130	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	124581	52.263	ug/L	99
42) Toluene	10.386	91	400091	28.622	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	124742	27.494	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	69966	27.751	ug/L	96
46) Tetrachloroethene	10.861	164	71267	27.313	ug/L	92
48) 2-Hexanone	10.965	43	88576	49.613	ug/L	96
49) Dibromochloromethane	11.129	129	75194	28.730	ug/L	96
50) 1,2-Dibromoethane	11.233	107	63659	27.289	ug/L	90
51) Chlorobenzene	11.654	112	241597	27.786	ug/L	99
52) Ethylbenzene	11.727	91	446347	28.307	ug/L	98
53) m,p-Xylene	11.837	106	167558	28.894	ug/L	97
54) o-Xylene	12.166	106	155345	29.090	ug/L	96
55) Styrene	12.178	104	275186	29.729	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	82587	26.689	ug/L	97
59) Bromoform	12.349	173	40591	27.202	ug/L	100
60) Isopropylbenzene	12.458	105	427335	27.848	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	60894	25.247	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	355412	31.160	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	342088	28.043	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	184355	28.158	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	186045	27.664	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	172660	28.966	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	13308	24.301	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	117662	26.267	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	98890	26.204	ug/L	94
71) Naphthalene	15.360	128	187463	26.033	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	86254	25.252	ug/L	94

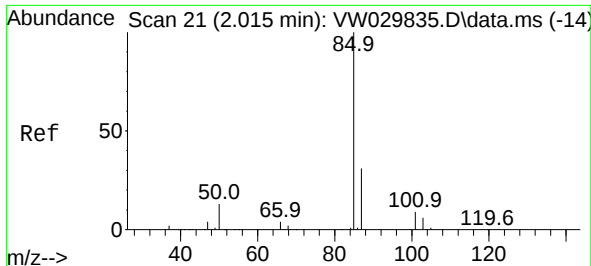
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080724\
Data File : VW029845.D
Acq On : 07 Aug 2024 11:58
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

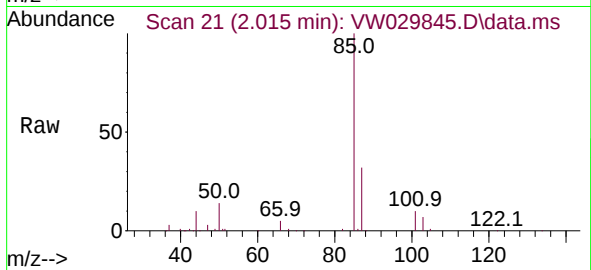
Quant Time: Aug 08 01:58:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 07 02:26:16 2024
Response via : Initial Calibration



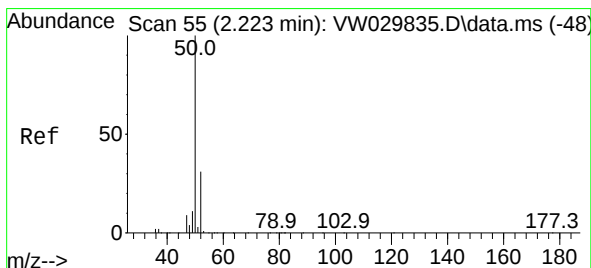
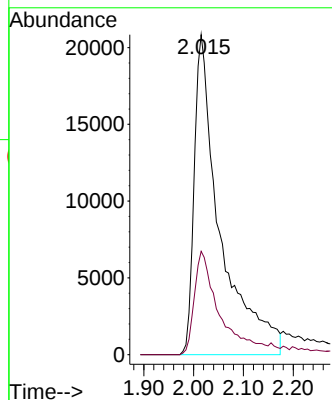
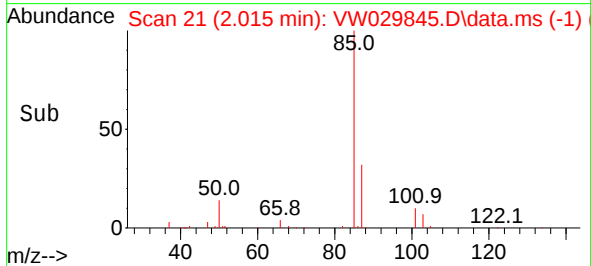


#2
Dichlorodifluoromethane
Concen: 26.438 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029845.D
Acq: 07 Aug 2024 11:58

Instrument :
MSVOA_W
ClientSampleId :

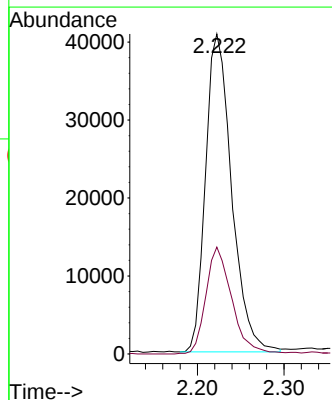
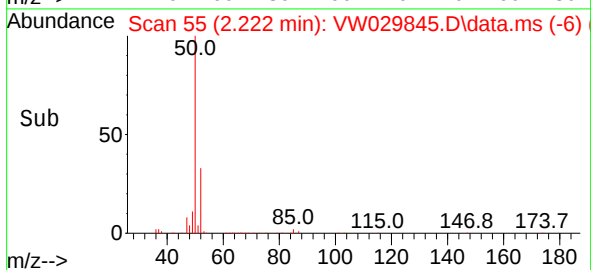
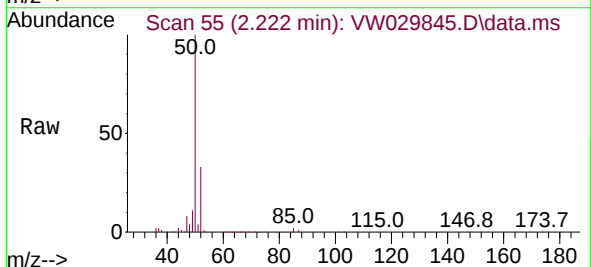


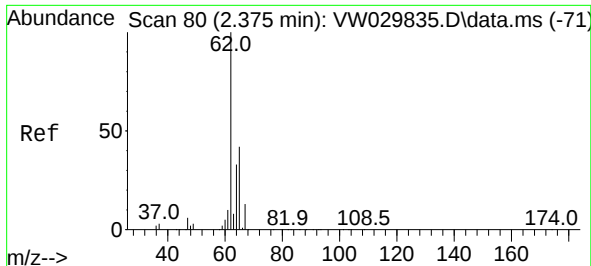
Tgt Ion: 85 Resp: 74955
Ion Ratio Lower Upper
85 100
87 30.4 25.5 38.3



#3
Chloromethane
Concen: 24.332 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW029845.D
Acq: 07 Aug 2024 11:58

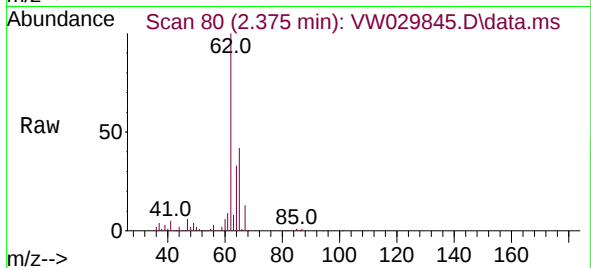
Tgt Ion: 50 Resp: 85362
Ion Ratio Lower Upper
50 100
52 33.4 22.5 41.9



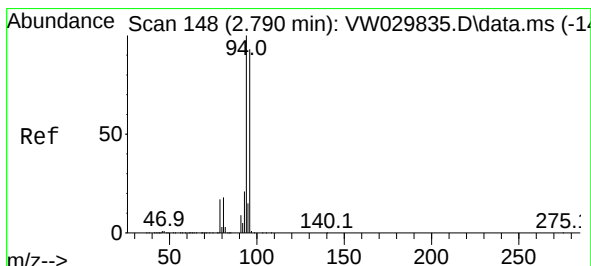
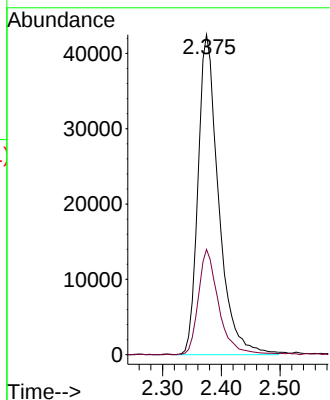
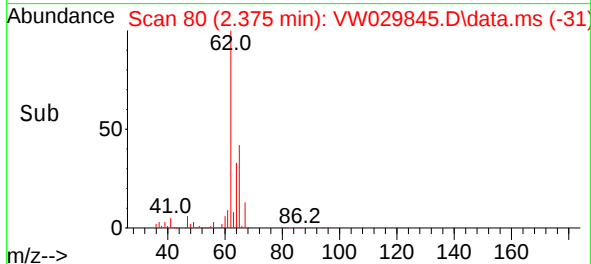


#5
 Vinyl chloride
 Concen: 26.345 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029845.D
 Acq: 07 Aug 2024 11:58

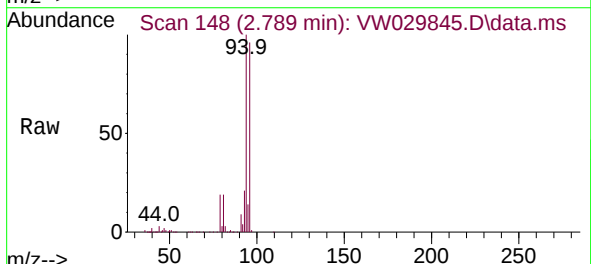
Instrument :
 MSVOA_W
 ClientSampleId :



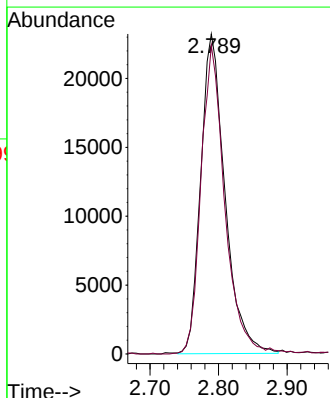
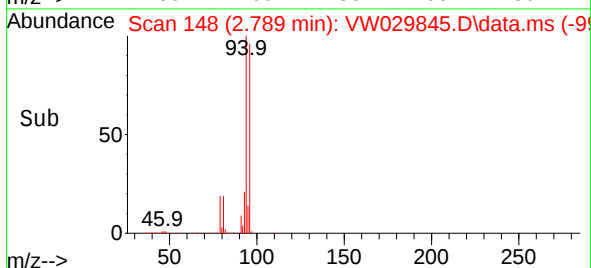
Tgt Ion: 62 Resp: 103560
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.2

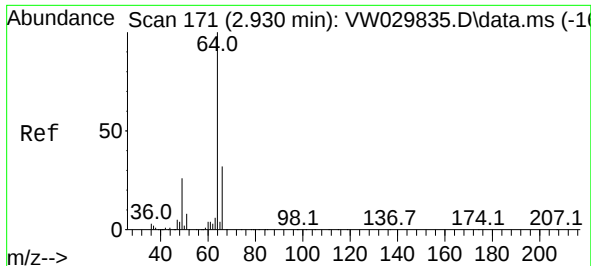


#6
 Bromomethane
 Concen: 26.466 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029845.D
 Acq: 07 Aug 2024 11:58



Tgt Ion: 94 Resp: 57129
 Ion Ratio Lower Upper
 94 100
 96 96.4 66.2 123.0

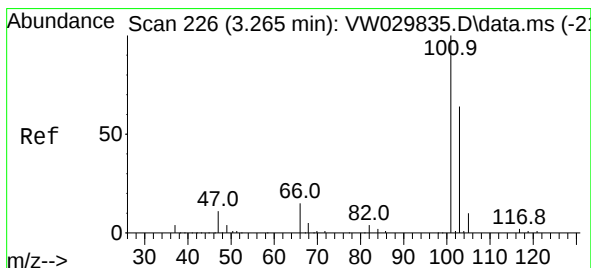
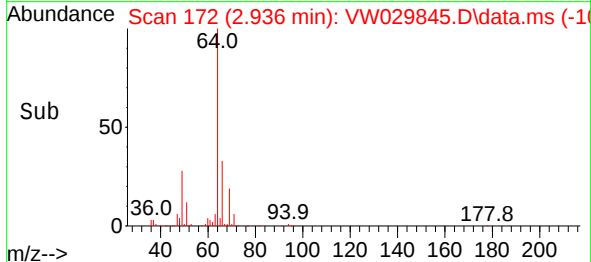
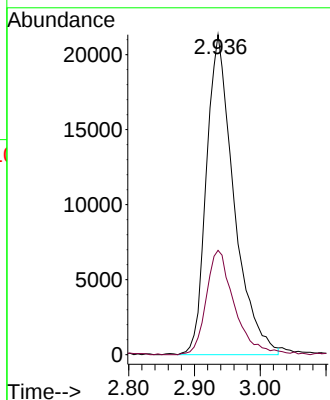
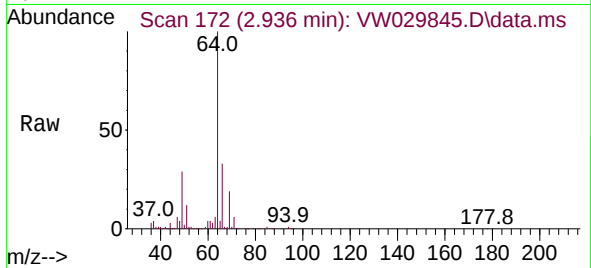




#8
Chloroethane
Concen: 27.708 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW029845.D
Acq: 07 Aug 2024 11:58

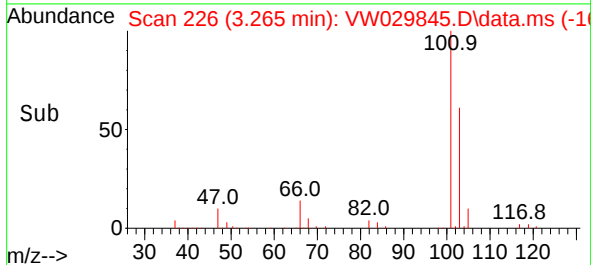
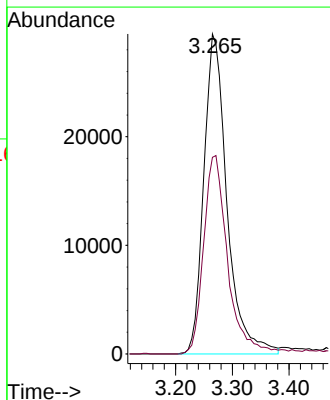
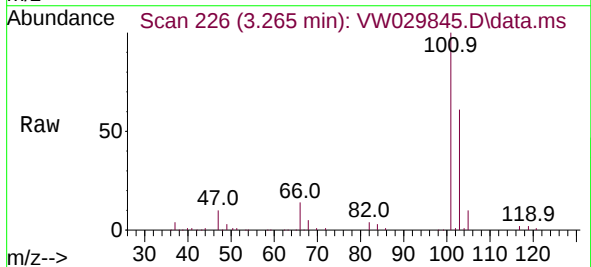
Instrument :
MSVOA_W
ClientSampleId :

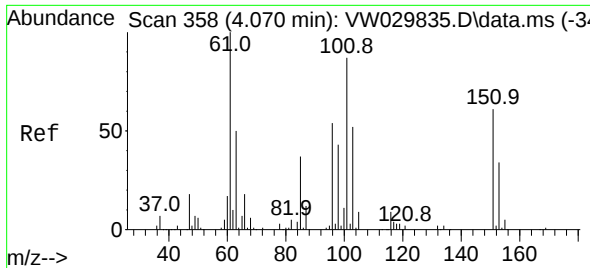
Tgt Ion: 64 Resp: 61961
Ion Ratio Lower Upper
64 100
66 32.6 21.2 39.4



#9
Trichlorofluoromethane
Concen: 26.625 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029845.D
Acq: 07 Aug 2024 11:58

Tgt Ion:101 Resp: 83600
Ion Ratio Lower Upper
101 100
103 63.2 51.0 76.4

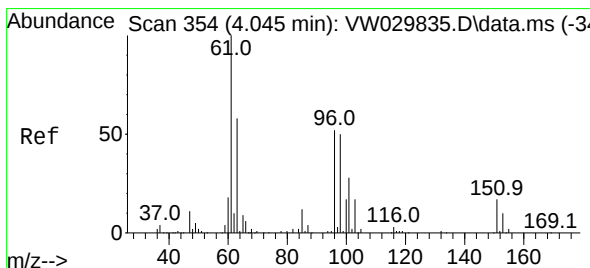
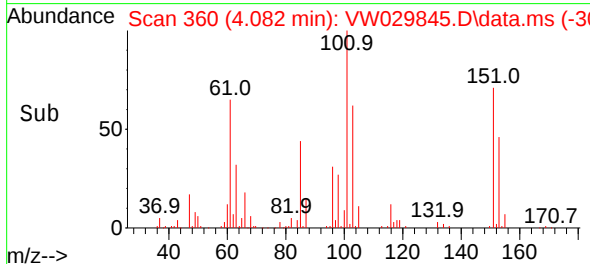
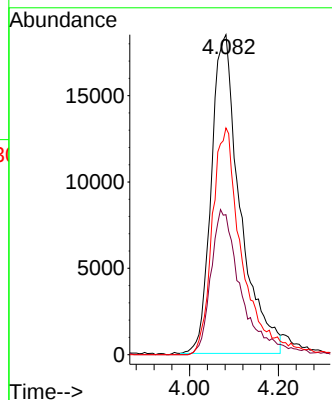
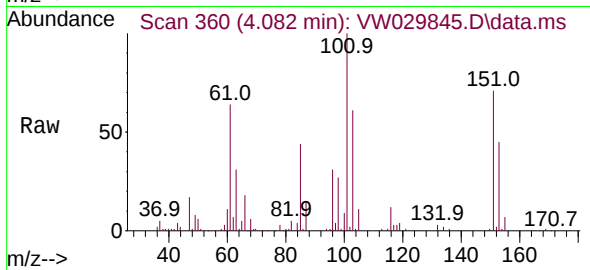




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.494 ug/L
 RT: 4.082 min Scan# 3
 Delta R.T. 0.012 min
 Lab File: VW029845.D
 Acq: 07 Aug 2024 11:58

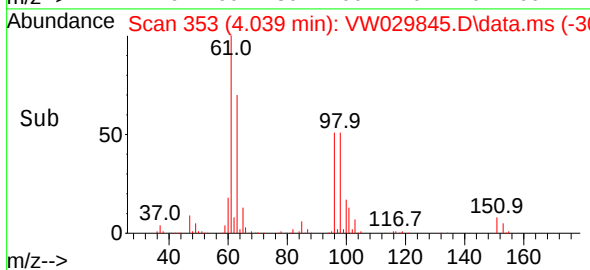
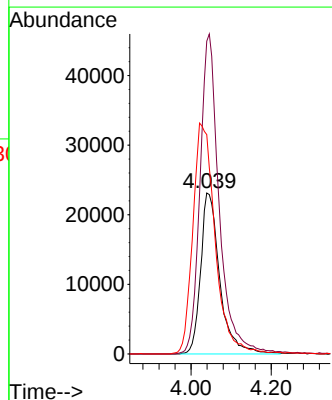
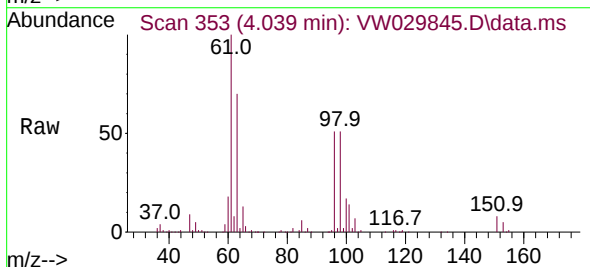
Instrument :
 MSVOA_W
 ClientSampleId :

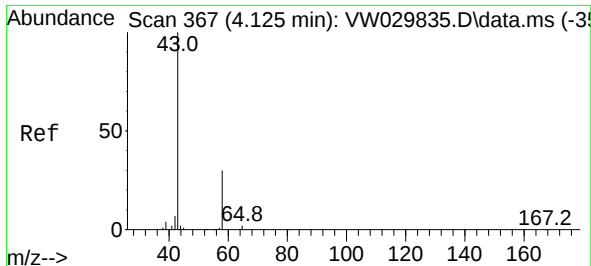
Tgt Ion:101 Resp: 82853
 Ion Ratio Lower Upper
 101 100
 85 45.1 34.2 51.4
 151 68.9 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 26.706 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW029845.D
 Acq: 07 Aug 2024 11:58

Tgt Ion: 96 Resp: 76737
 Ion Ratio Lower Upper
 96 100
 61 194.4 138.3 256.9
 63 136.3 89.0 165.4

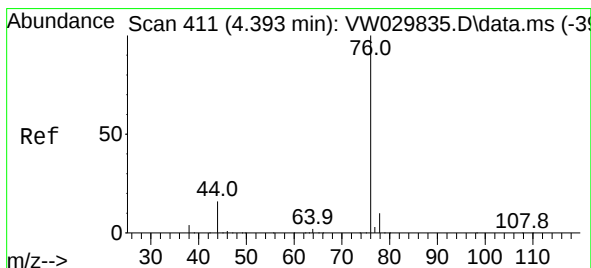
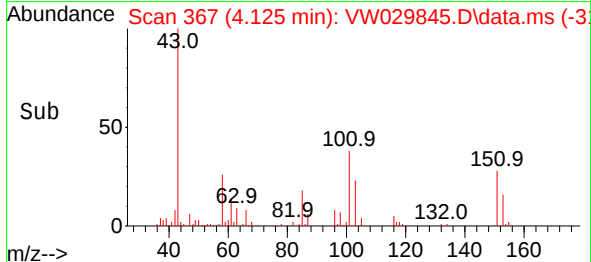
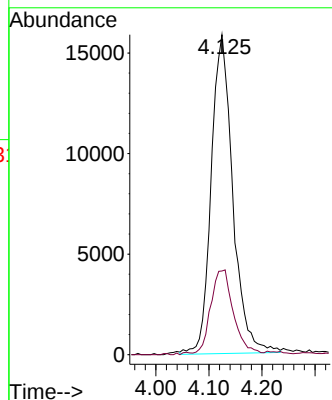
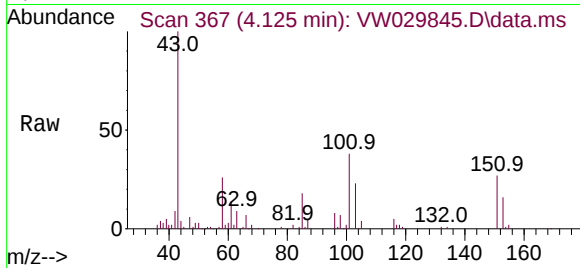




#13
Acetone
Concen: 44.152 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW029845.D
Acq: 07 Aug 2024 11:58

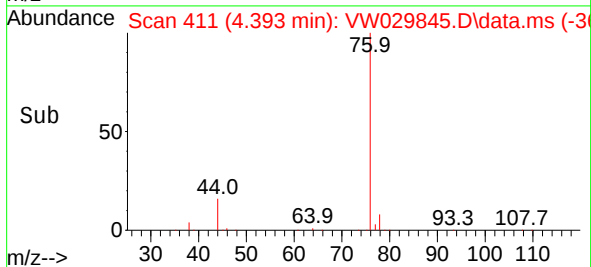
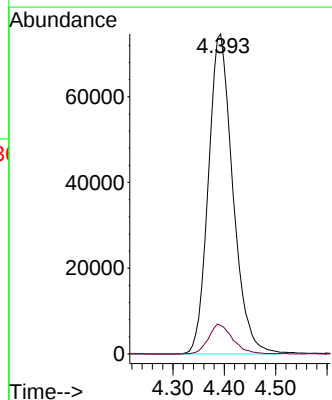
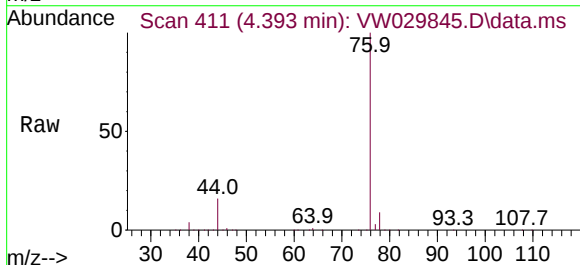
Instrument :
MSVOA_W
ClientSampleId :

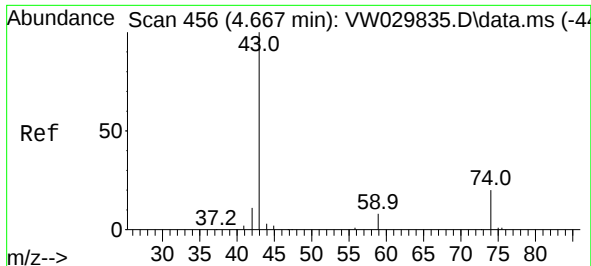
Tgt Ion: 43 Resp: 44907
Ion Ratio Lower Upper
43 100
58 28.1 0.0 57.6



#14
Carbon disulfide
Concen: 25.812 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW029845.D
Acq: 07 Aug 2024 11:58

Tgt Ion: 76 Resp: 246825
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4





#15

Methyl Acetate

Concen: 25.578 ug/L

RT: 4.667 min Scan# 4

Delta R.T. -0.000 min

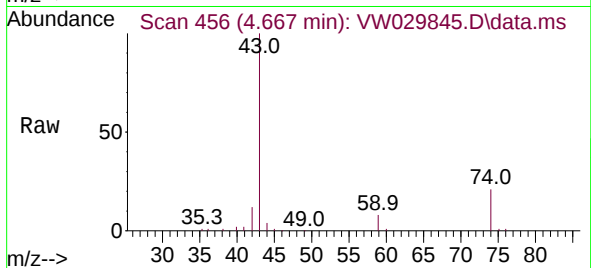
Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Instrument :

MSVOA_W

ClientSampleId :

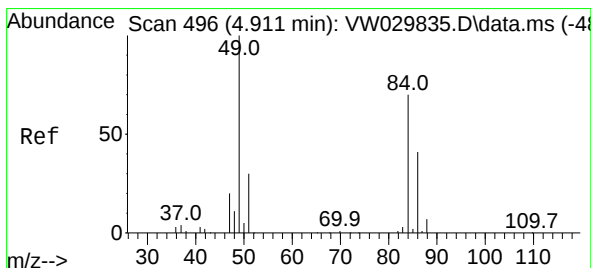
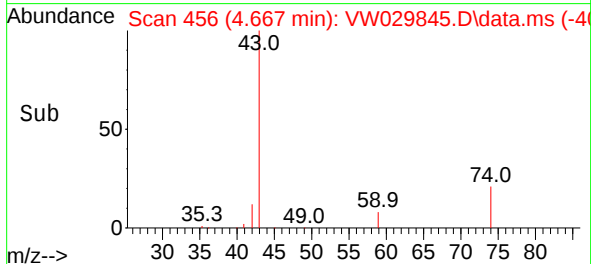
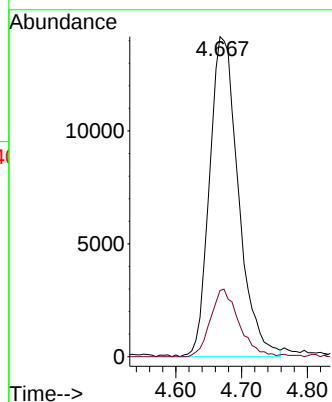


Tgt Ion: 43 Resp: 43331

Ion Ratio Lower Upper

43 100

74 20.8 16.5 24.7



#16

Methylene chloride

Concen: 22.770 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.012 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

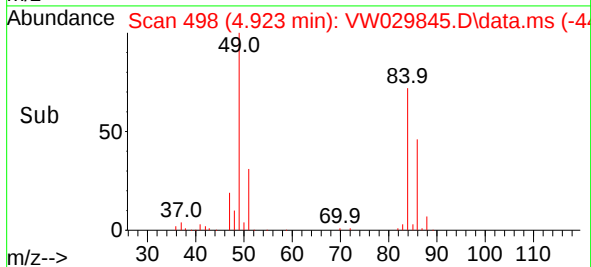
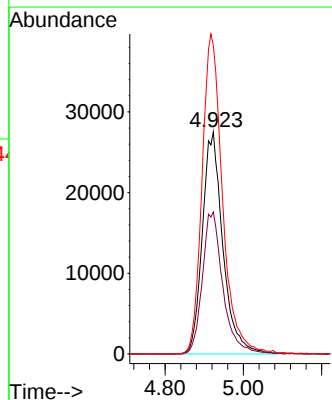
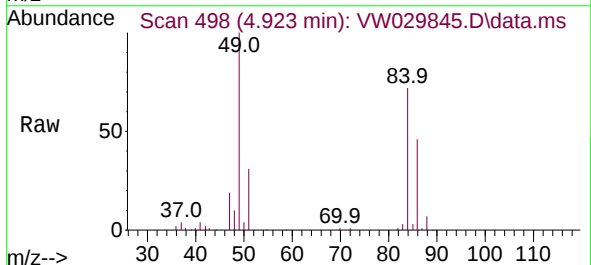
Tgt Ion: 84 Resp: 100121

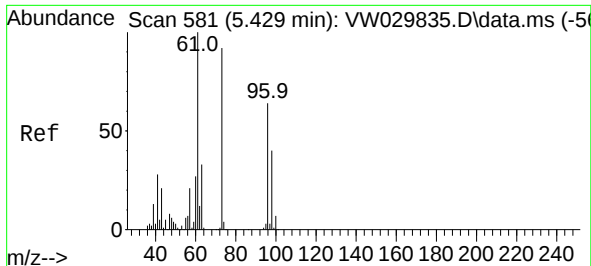
Ion Ratio Lower Upper

84 100

86 64.0 44.7 82.9

49 138.9 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 27.151 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Instrument :

MSVOA_W

ClientSampleId :

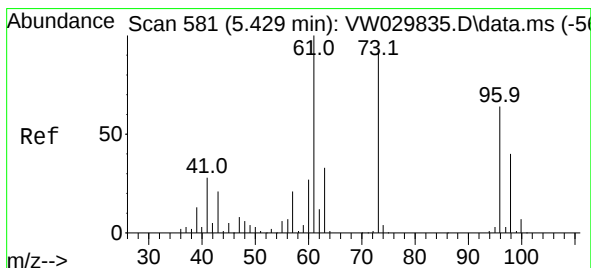
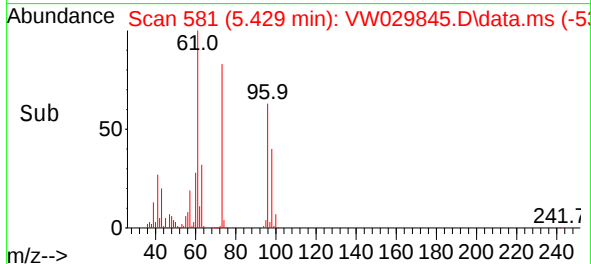
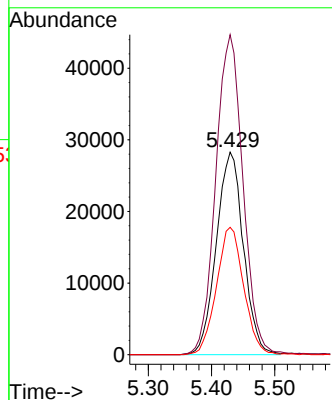
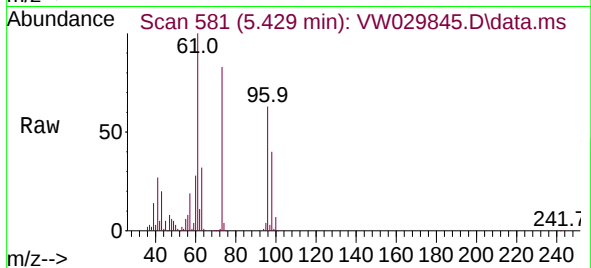
Tgt Ion: 96 Resp: 84071

Ion Ratio Lower Upper

96 100

61 157.9 111.2 206.6

98 62.8 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 25.793 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

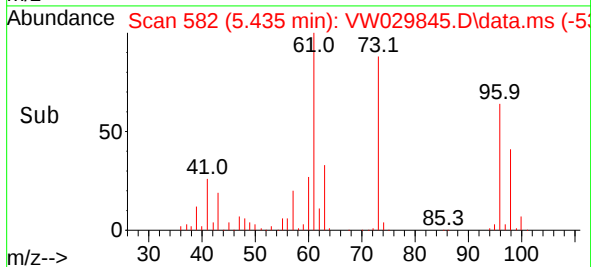
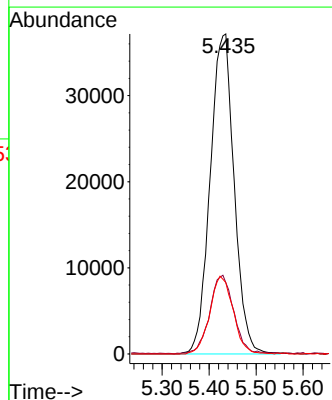
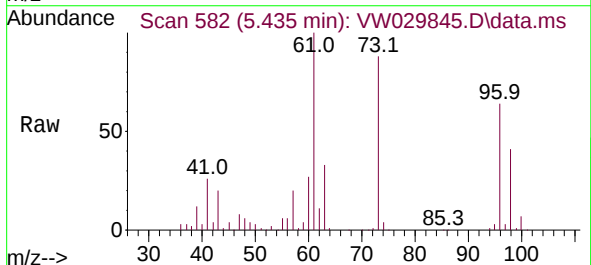
Tgt Ion: 73 Resp: 131632

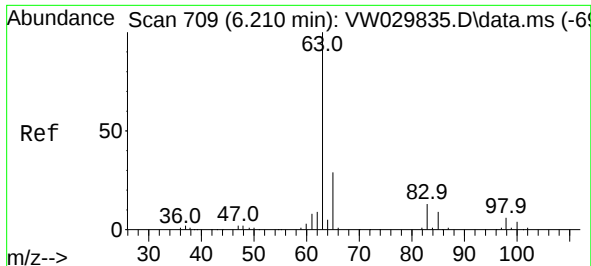
Ion Ratio Lower Upper

73 100

43 24.5 18.3 27.5

57 23.7 17.9 26.9





#19

1,1-Dichloroethane

Concen: 28.283 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Instrument :

MSVOA_W

ClientSampleId :

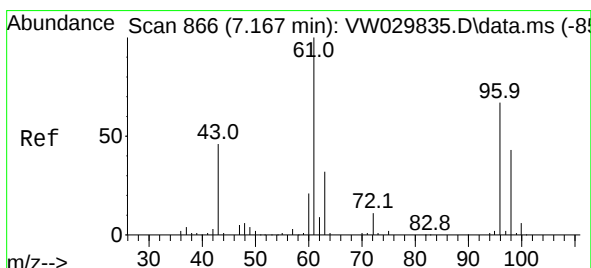
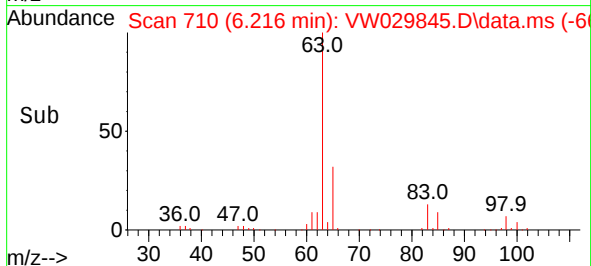
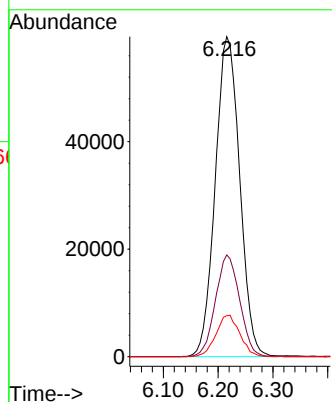
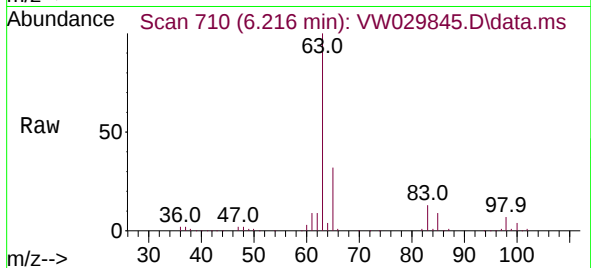
Tgt Ion: 63 Resp: 184703

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 12.8 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 27.717 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

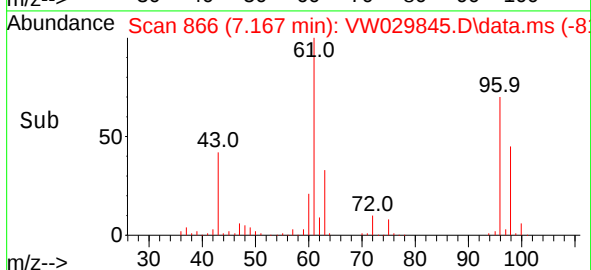
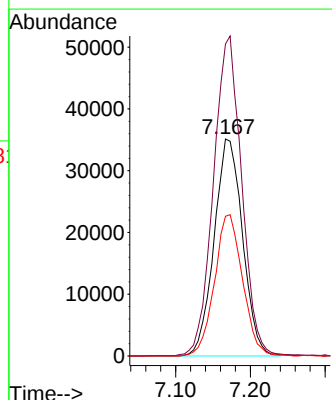
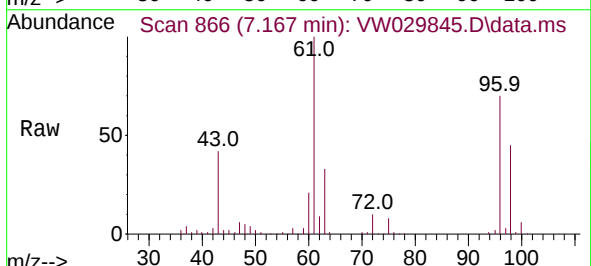
Tgt Ion: 96 Resp: 93094

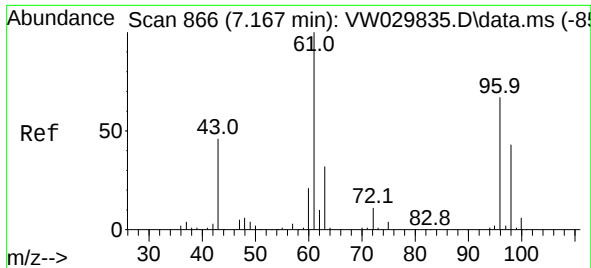
Ion Ratio Lower Upper

96 100

61 143.8 98.2 182.4

98 64.4 41.9 77.9

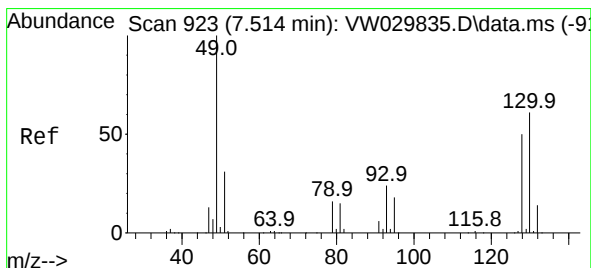
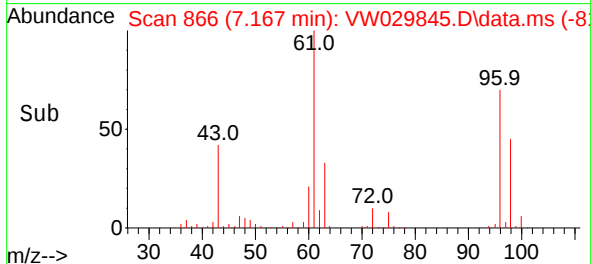
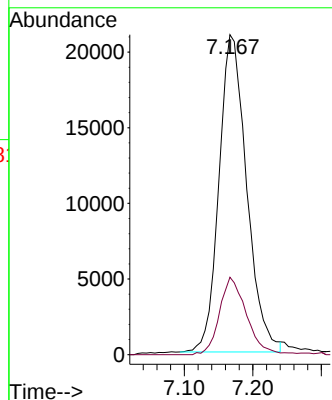
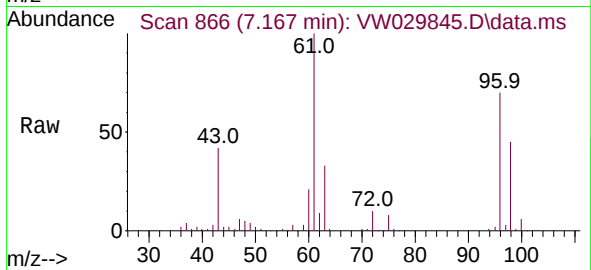




#22
2-Butanone
Concen: 45.145 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW029845.D
Acq: 07 Aug 2024 11:58

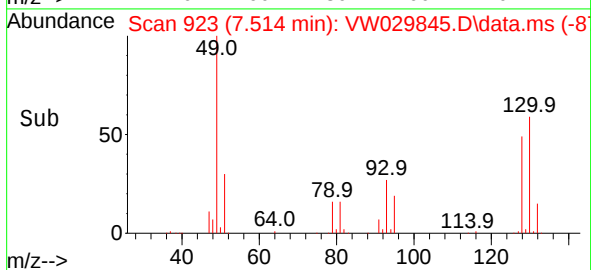
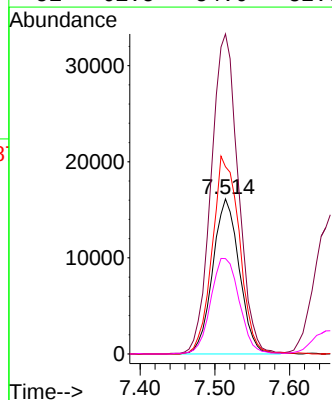
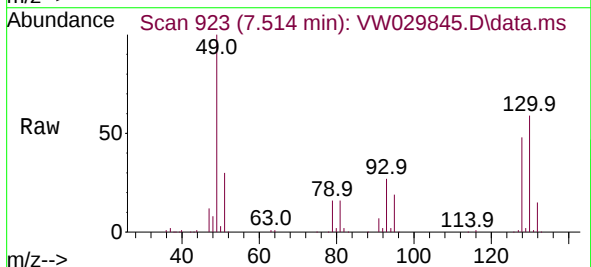
Instrument :
MSVOA_W
ClientSampleId :

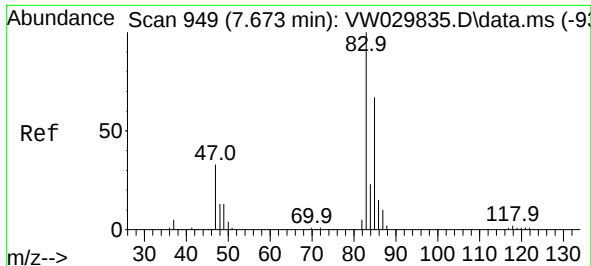
Tgt Ion: 43 Resp: 58833
Ion Ratio Lower Upper
43 100
72 23.5 11.7 35.1



#23
Bromochloromethane
Concen: 28.018 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029845.D
Acq: 07 Aug 2024 11:58

Tgt Ion: 128 Resp: 39951
Ion Ratio Lower Upper
128 100
49 206.3 151.1 280.7
130 120.7 96.8 179.8
51 61.5 54.6 82.0





#25

Chloroform

Concen: 29.047 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Instrument :

MSVOA_W

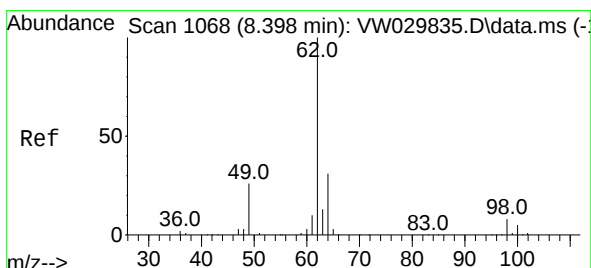
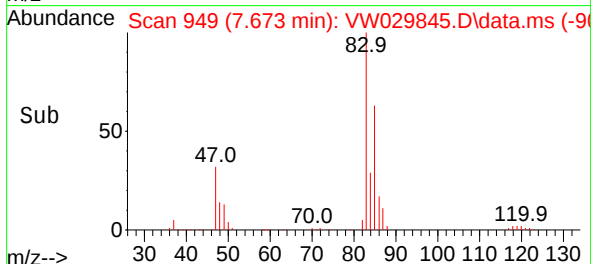
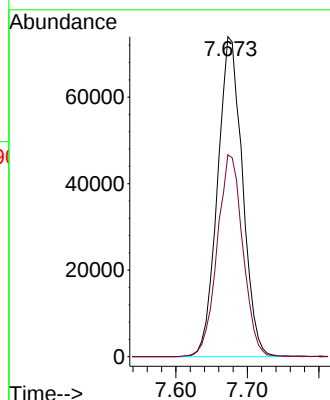
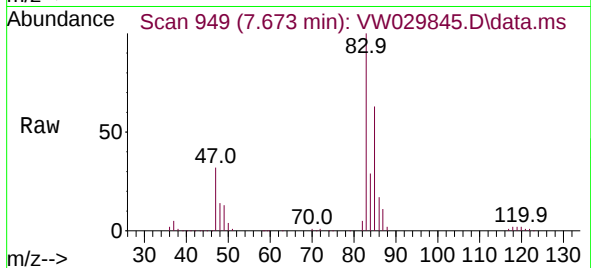
ClientSampleId :

Tgt Ion: 83 Resp: 178722

Ion Ratio Lower Upper

83 100

85 63.1 44.4 82.4



#27

1,2-Dichloroethane

Concen: 28.047 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029845.D

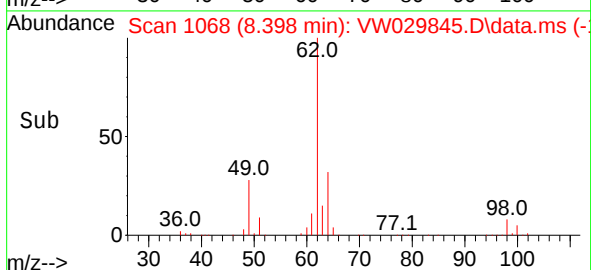
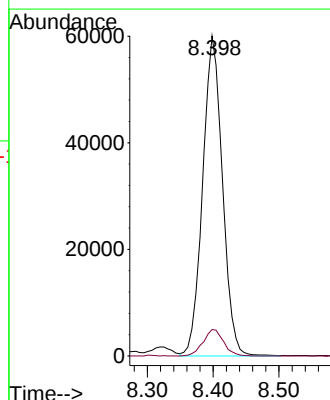
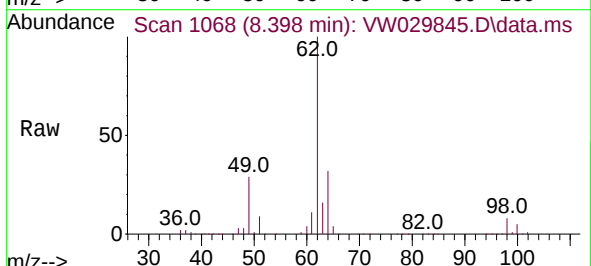
Acq: 07 Aug 2024 11:58

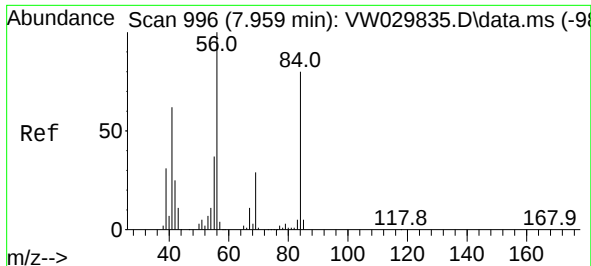
Tgt Ion: 62 Resp: 125762

Ion Ratio Lower Upper

62 100

98 8.2 6.6 10.0





#29

Cyclohexane

Concen: 25.493 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Instrument :

MSVOA_W

ClientSampleId :

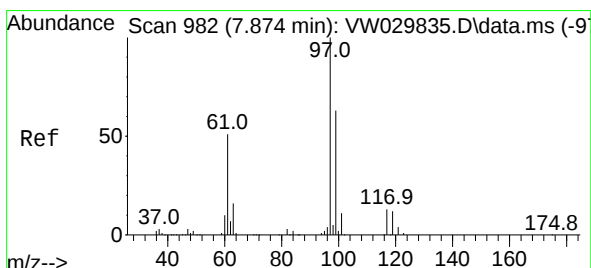
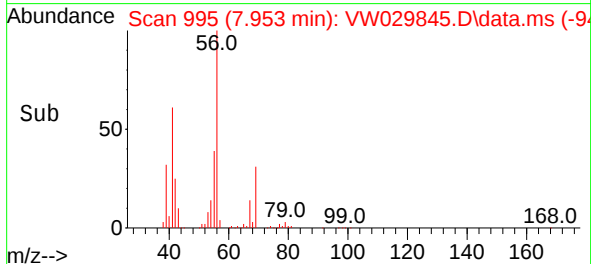
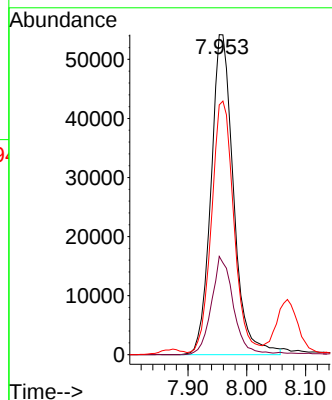
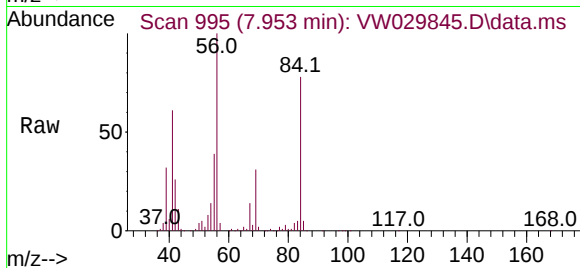
Tgt Ion: 56 Resp: 144798

Ion Ratio Lower Upper

56 100

69 29.6 23.0 34.4

84 78.8 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 27.040 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

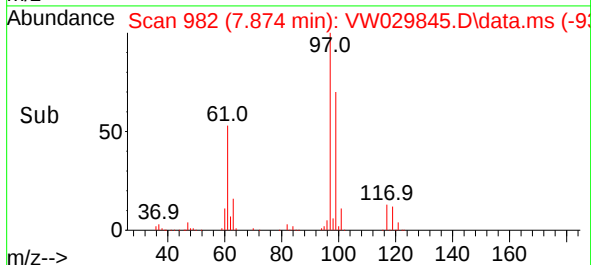
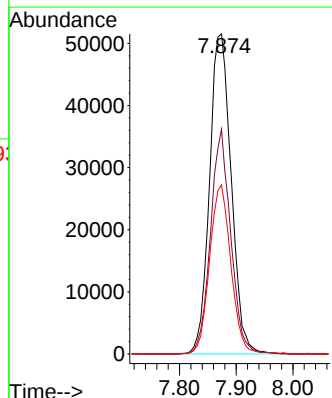
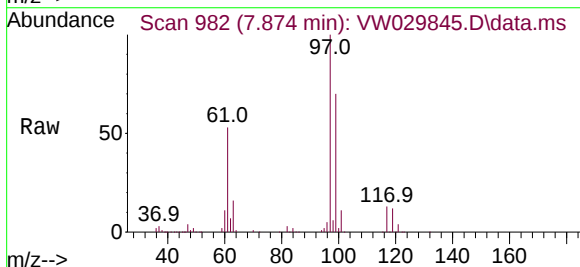
Tgt Ion: 97 Resp: 136863

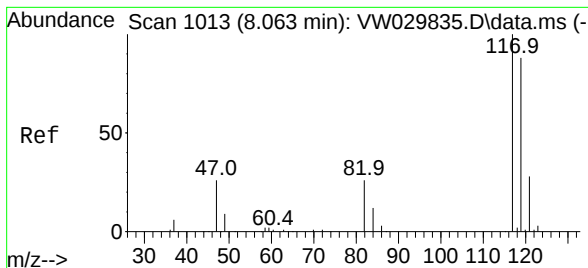
Ion Ratio Lower Upper

97 100

99 65.3 52.1 78.1

61 51.7 42.6 63.8





#31

Carbon tetrachloride

Concen: 27.421 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.012 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Instrument :

MSVOA_W

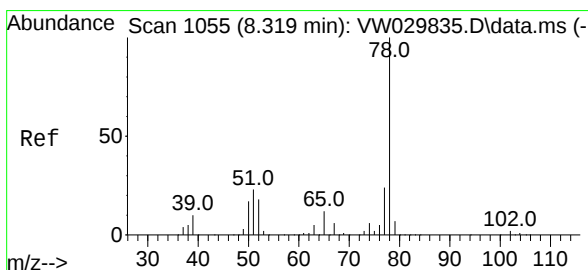
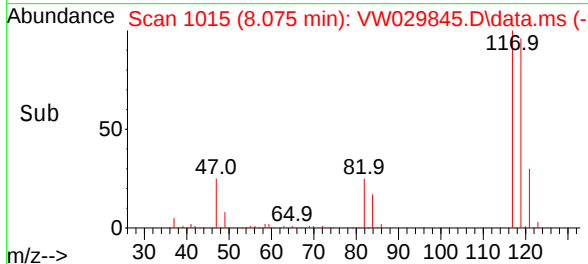
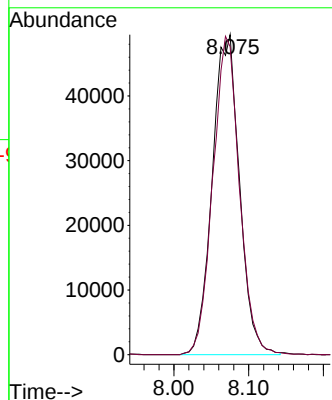
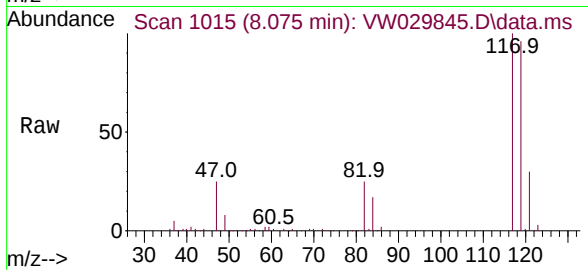
ClientSampleId :

Tgt Ion:117 Resp: 125063

Ion Ratio Lower Upper

117 100

119 97.4 74.8 112.2



#33

Benzene

Concen: 27.931 ug/L

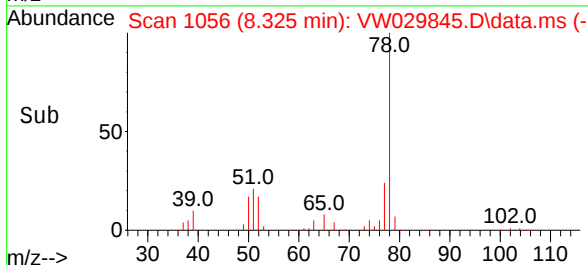
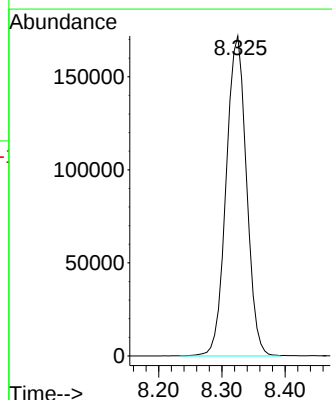
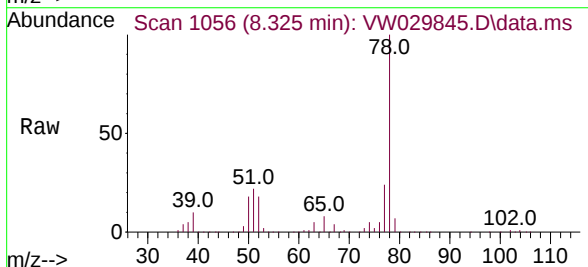
RT: 8.325 min Scan# 1056

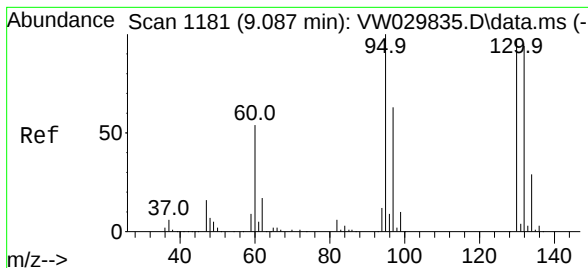
Delta R.T. 0.006 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Tgt Ion: 78 Resp: 382499





#34

Trichloroethene

Concen: 26.804 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 96228

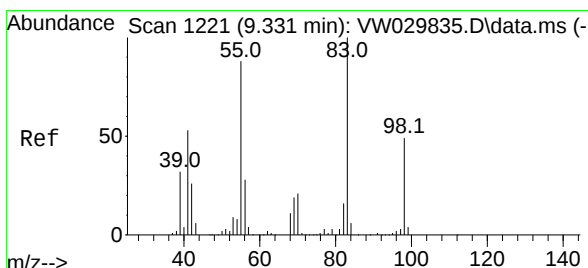
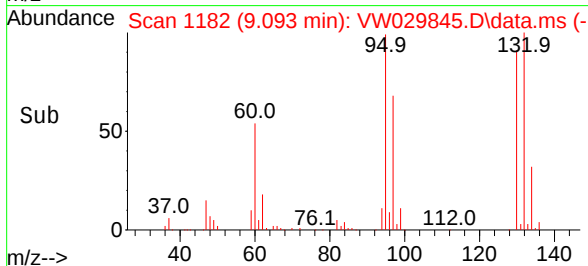
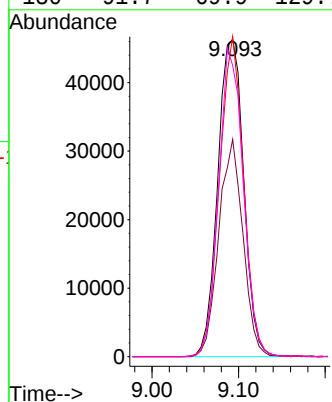
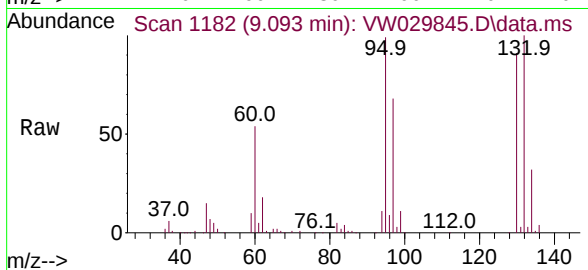
Ion Ratio Lower Upper

95 100

97 68.4 45.6 84.8

132 100.8 65.2 121.0

130 91.7 69.9 129.7



#35

Methylcyclohexane

Concen: 26.426 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

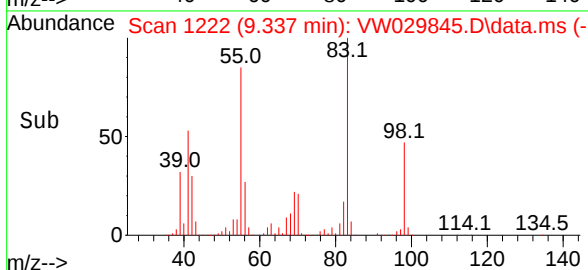
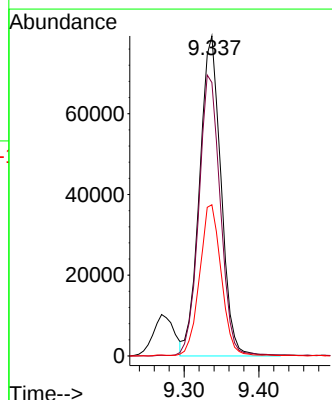
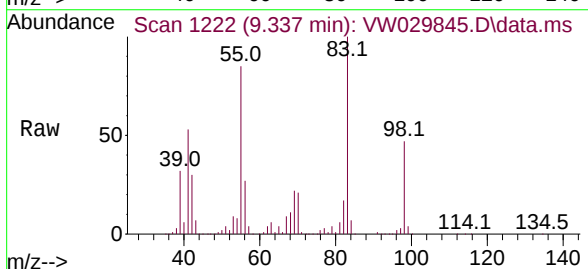
Tgt Ion: 83 Resp: 158085

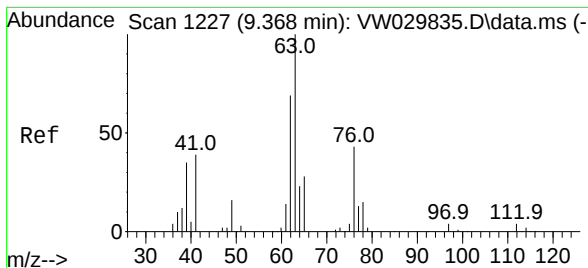
Ion Ratio Lower Upper

83 100

55 87.3 67.4 101.2

98 47.1 36.7 55.1





#37

1,2-Dichloropropane

Concen: 27.986 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Instrument :

MSVOA_W

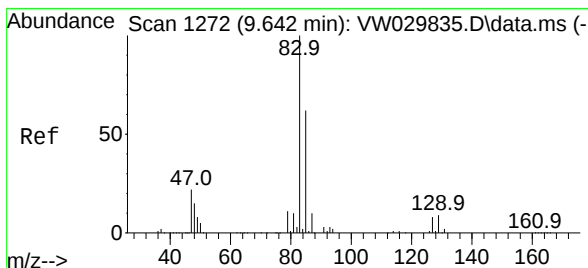
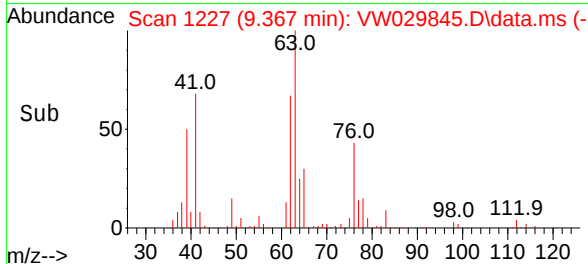
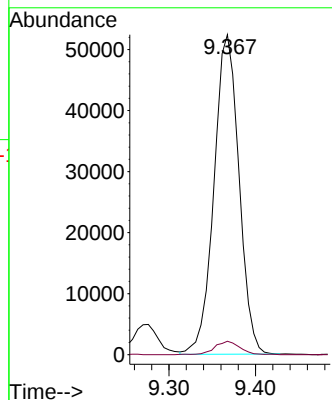
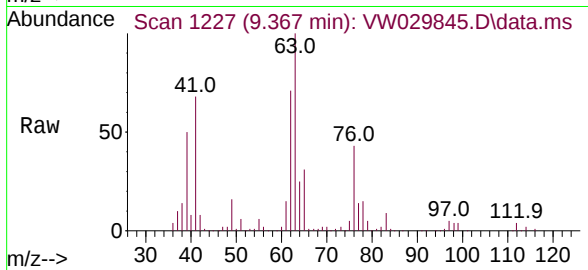
ClientSampleId :

Tgt Ion: 63 Resp: 105026

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 28.465 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

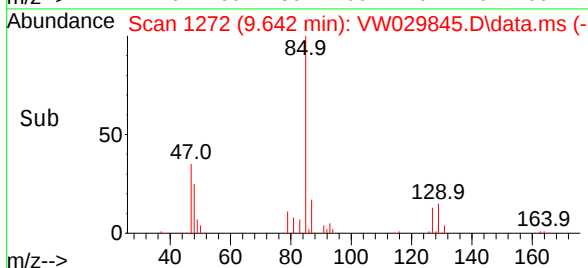
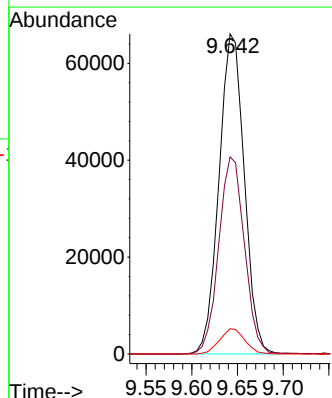
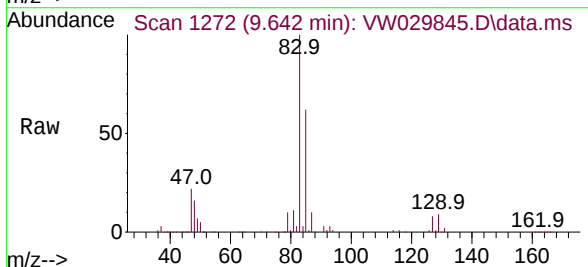
Tgt Ion: 83 Resp: 127212

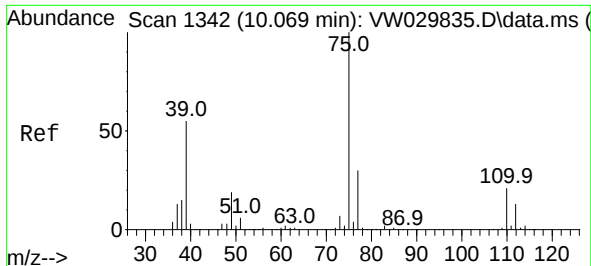
Ion Ratio Lower Upper

83 100

85 61.6 46.6 86.6

127 7.9 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 27.130 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Instrument :

MSVOA_W

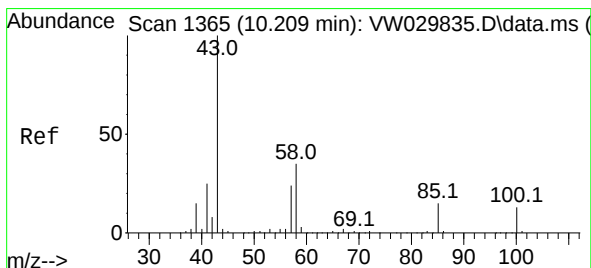
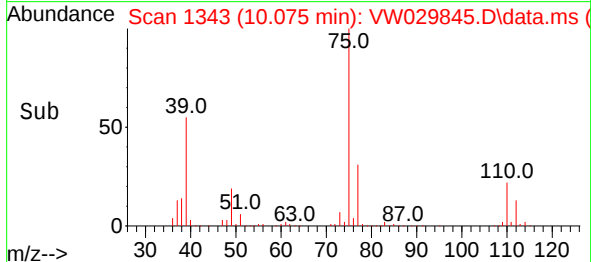
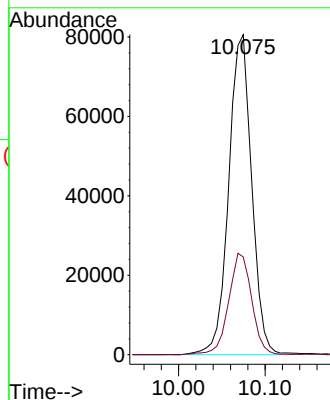
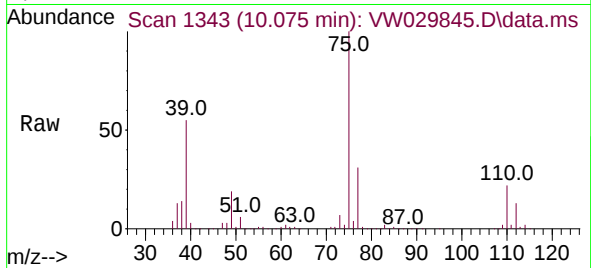
ClientSampleId :

Tgt Ion: 75 Resp: 148276

Ion Ratio Lower Upper

75 100

77 30.6 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 52.263 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

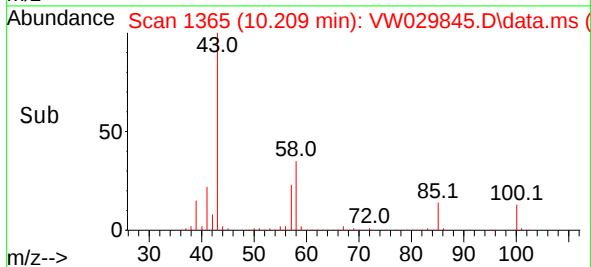
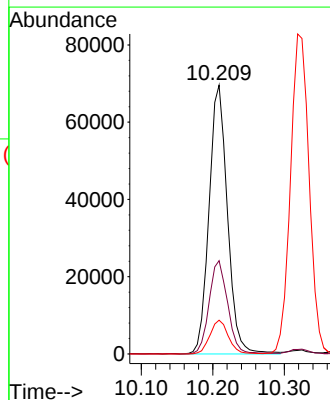
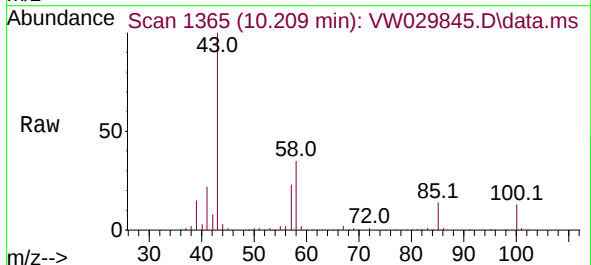
Tgt Ion: 43 Resp: 124581

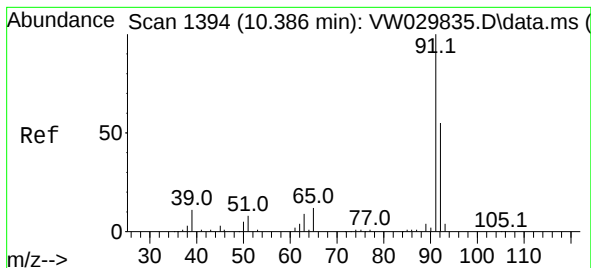
Ion Ratio Lower Upper

43 100

58 34.9 28.7 43.1

100 12.7 10.0 15.0





#42

Toluene

Concen: 28.622 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Instrument :

MSVOA_W

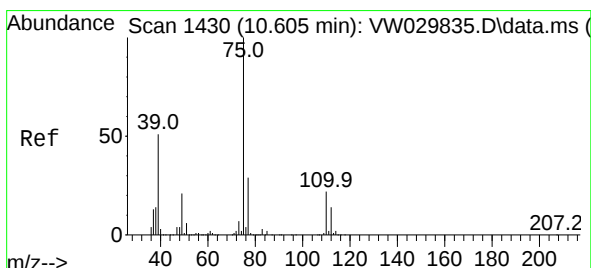
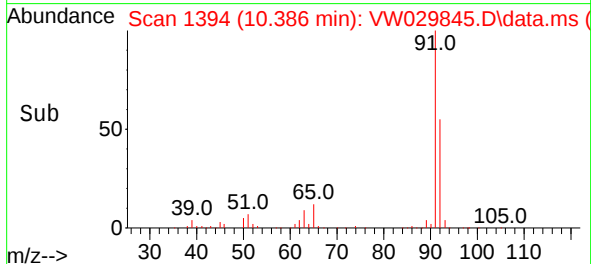
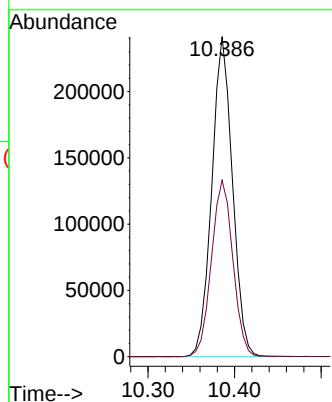
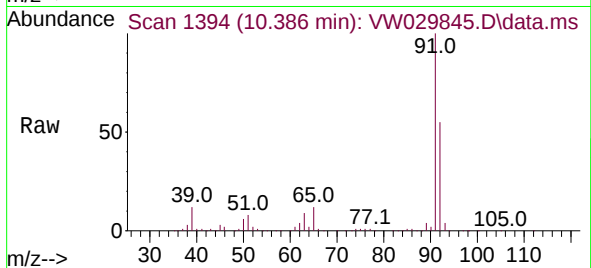
ClientSampleId :

Tgt Ion: 91 Resp: 400091

Ion Ratio Lower Upper

91 100

92 55.1 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 27.494 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029845.D

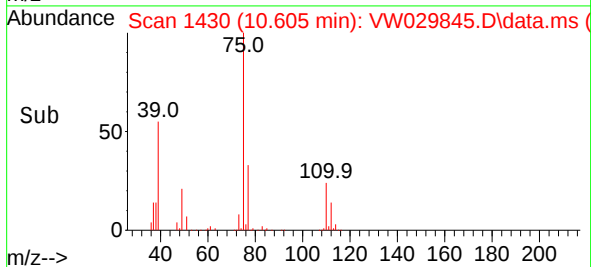
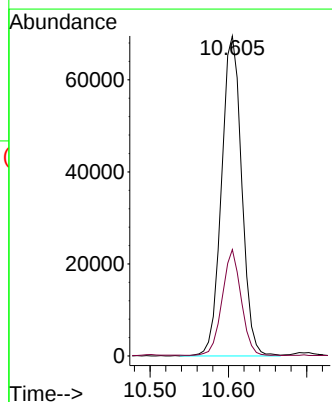
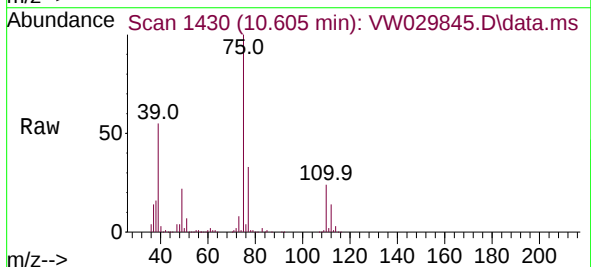
Acq: 07 Aug 2024 11:58

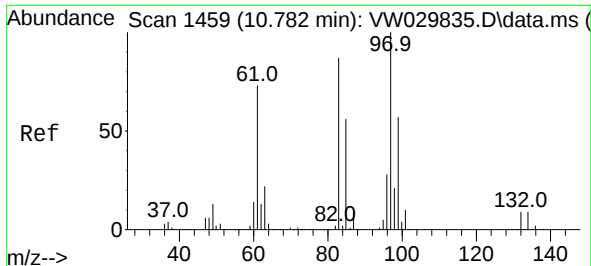
Tgt Ion: 75 Resp: 124742

Ion Ratio Lower Upper

75 100

77 33.3 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 27.751 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

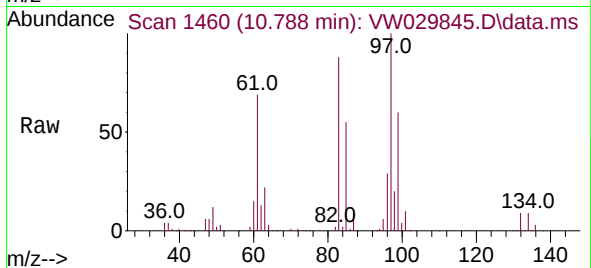
Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 69966

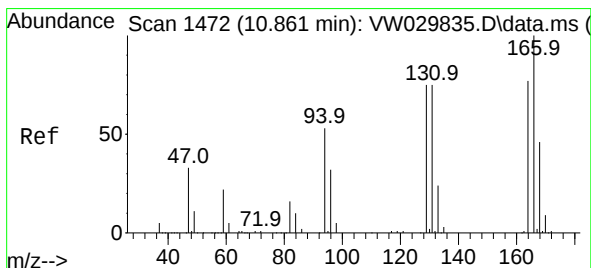
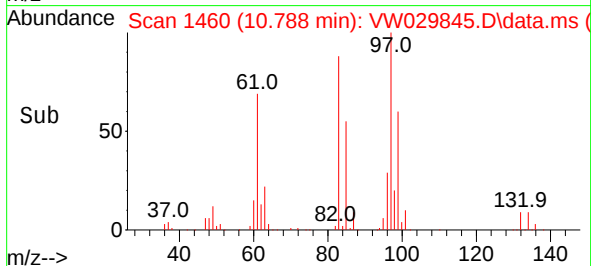
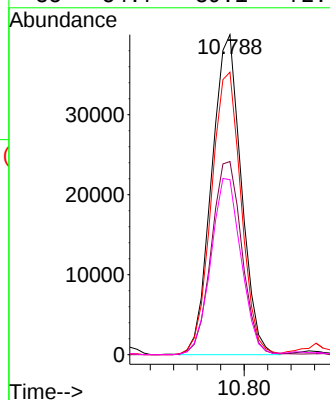
Ion Ratio Lower Upper

97 100

99 60.4 40.1 74.5

83 88.3 58.5 108.7

85 54.7 39.1 72.7



#46

Tetrachloroethene

Concen: 27.313 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Tgt Ion:164 Resp: 71267

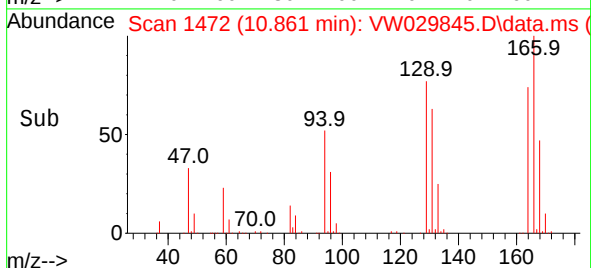
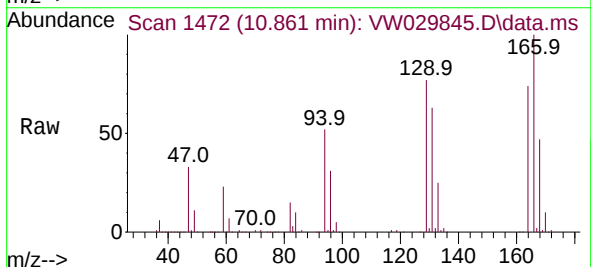
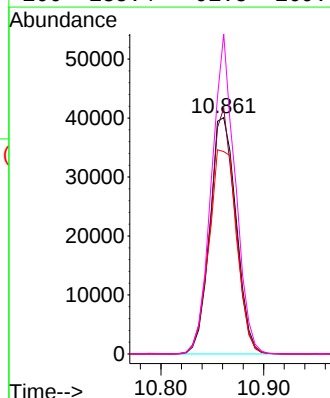
Ion Ratio Lower Upper

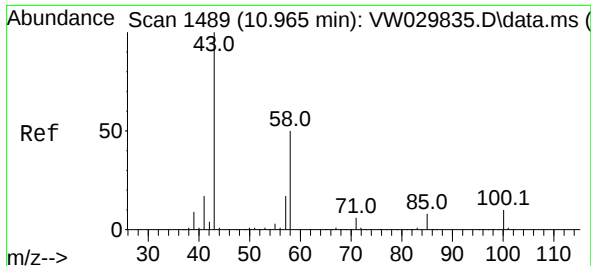
164 100

129 104.0 77.8 144.6

131 85.7 70.9 131.7

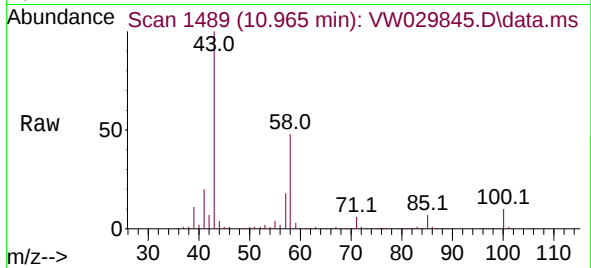
166 135.4 91.5 169.9



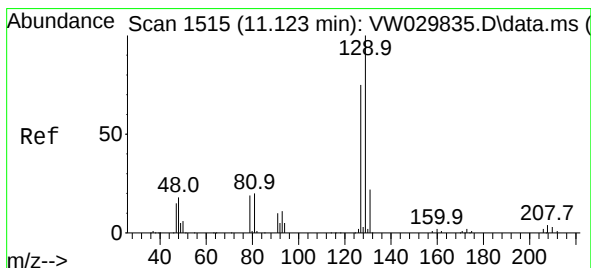
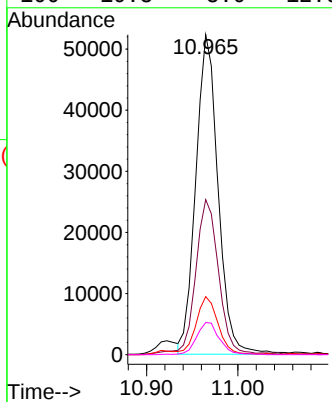
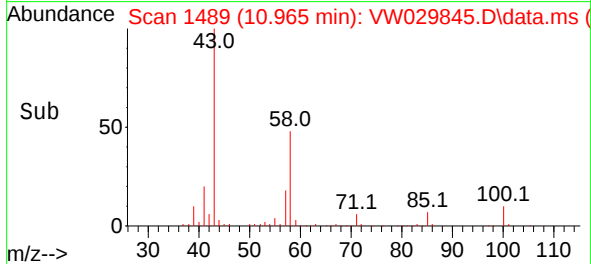


#48
2-Hexanone
Concen: 49.613 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029845.D
Acq: 07 Aug 2024 11:58

Instrument :
MSVOA_W
ClientSampleId :

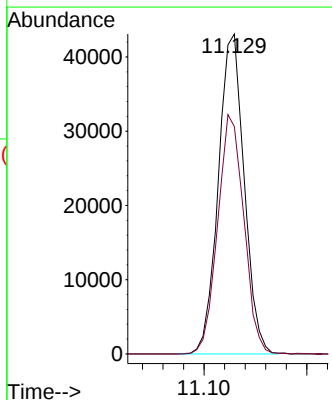
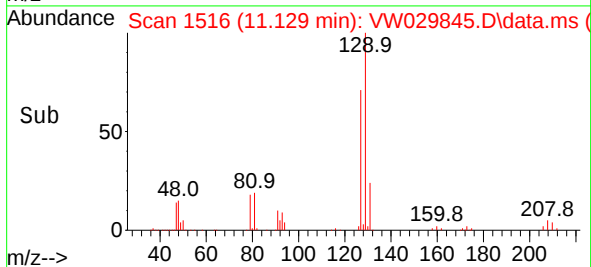
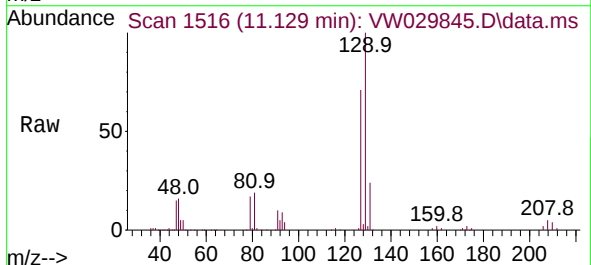


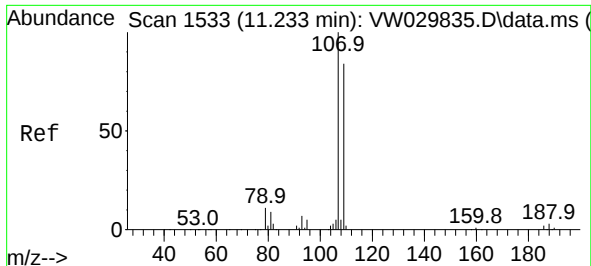
Tgt Ion: 43 Resp: 88576
Ion Ratio Lower Upper
43 100
58 47.6 41.0 61.4
57 17.9 14.1 21.1
100 10.3 8.0 12.0



#49
Dibromochloromethane
Concen: 28.730 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029845.D
Acq: 07 Aug 2024 11:58

Tgt Ion:129 Resp: 75194
Ion Ratio Lower Upper
129 100
127 71.0 52.4 97.2





#50

1,2-Dibromoethane

Concen: 27.289 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

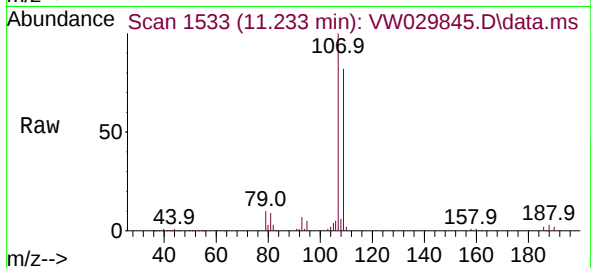
Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Instrument :

MSVOA_W

ClientSampleId :



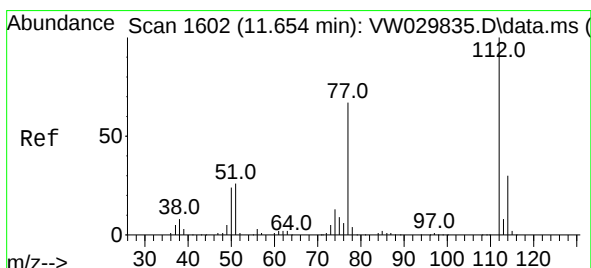
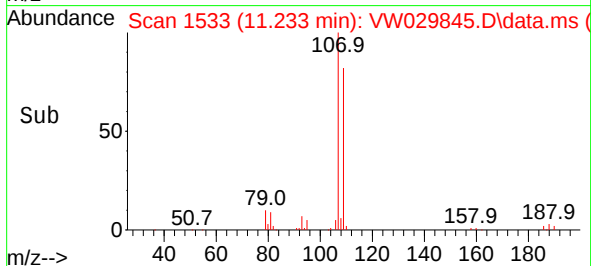
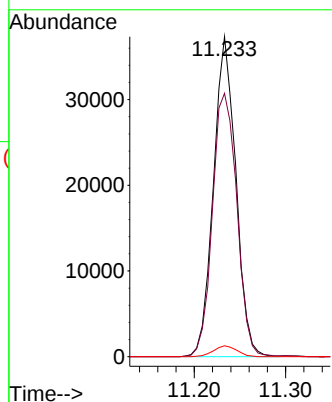
Tgt Ion:107 Resp: 63659

Ion Ratio Lower Upper

107 100

109 82.3 64.8 120.3

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 27.786 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

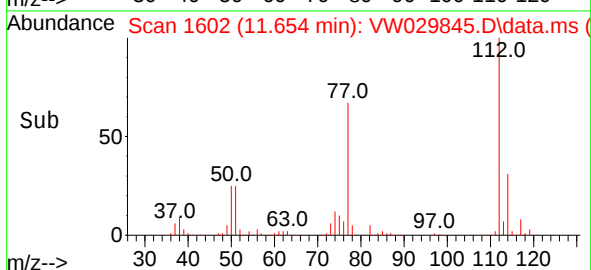
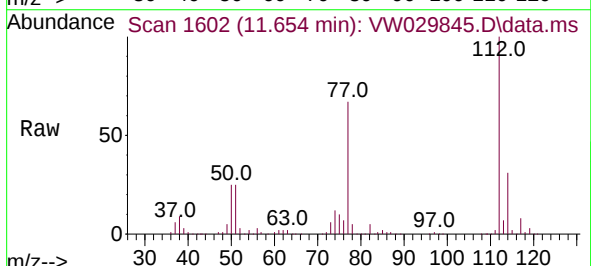
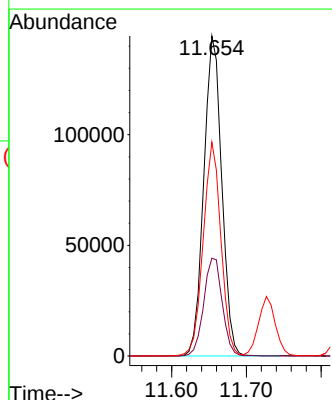
Tgt Ion:112 Resp: 241597

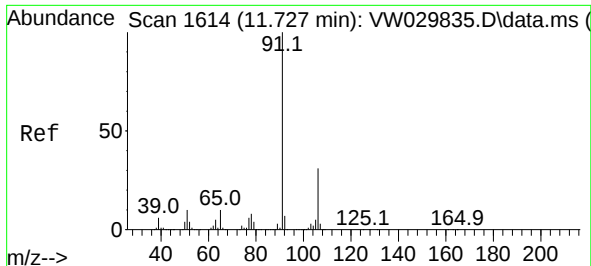
Ion Ratio Lower Upper

112 100

114 30.6 22.0 40.8

77 66.8 53.8 80.8





#52

Ethylbenzene

Concen: 28.307 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Instrument :

MSVOA_W

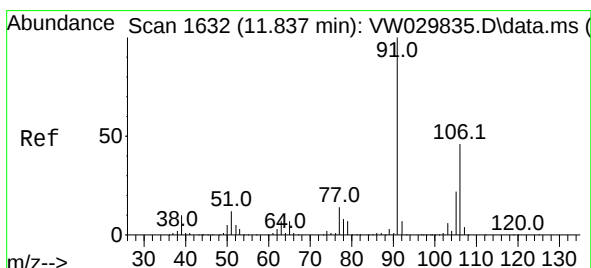
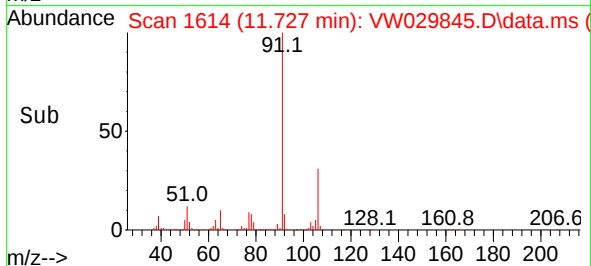
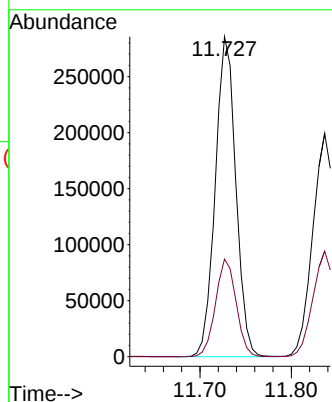
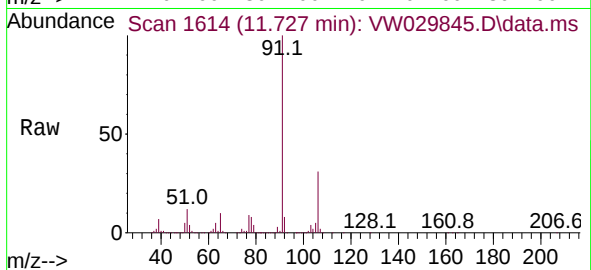
ClientSampleId :

Tgt Ion: 91 Resp: 446347

Ion Ratio Lower Upper

91 100

106 30.5 20.4 38.0



#53

m,p-Xylene

Concen: 28.894 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029845.D

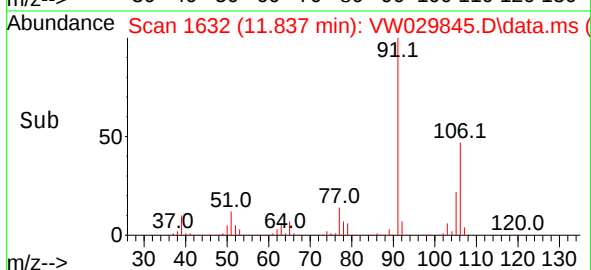
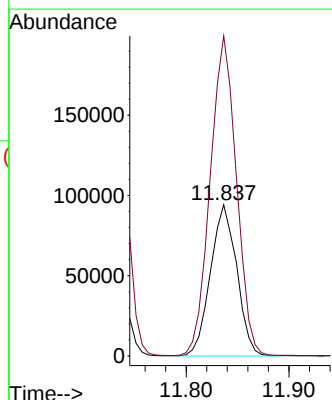
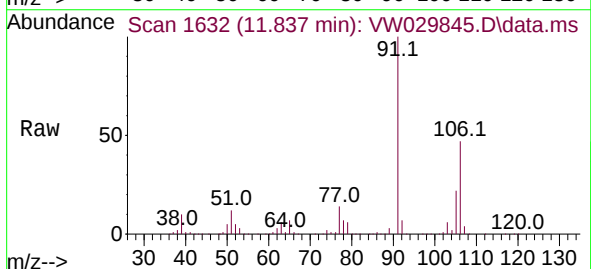
Acq: 07 Aug 2024 11:58

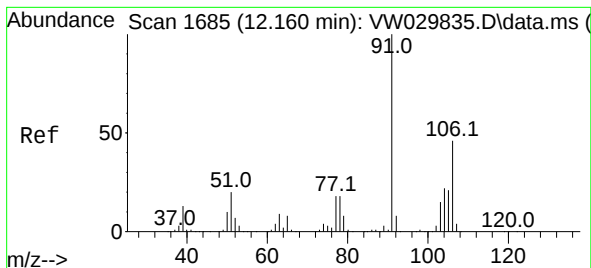
Tgt Ion:106 Resp: 167558

Ion Ratio Lower Upper

106 100

91 211.5 151.4 281.2





#54

o-Xylene

Concen: 29.090 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Instrument :

MSVOA_W

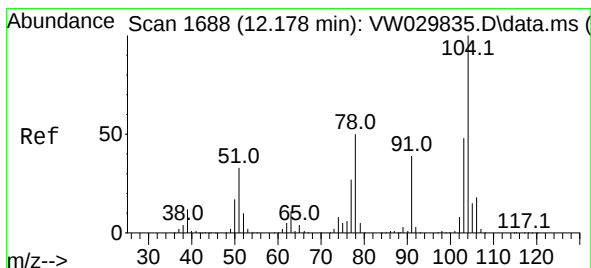
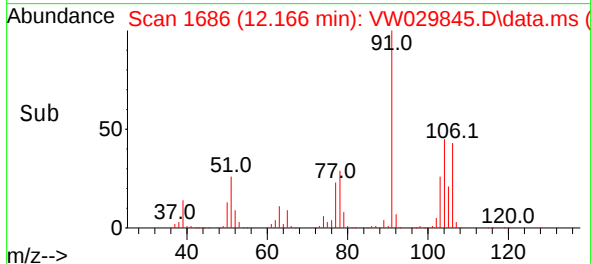
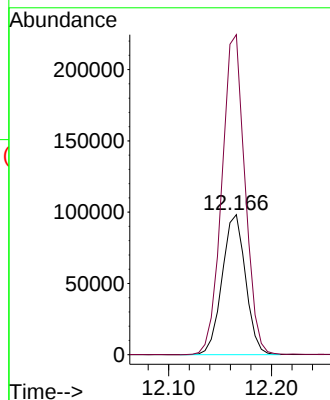
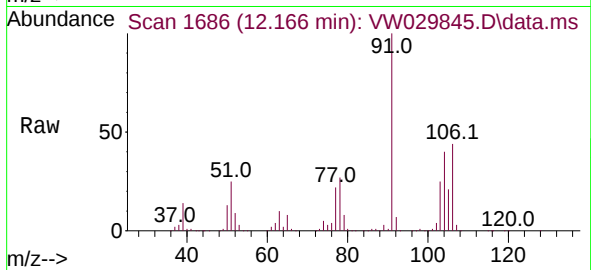
ClientSampleId :

Tgt Ion:106 Resp: 155345

Ion Ratio Lower Upper

106 100

91 228.5 155.8 289.4



#55

Styrene

Concen: 29.729 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029845.D

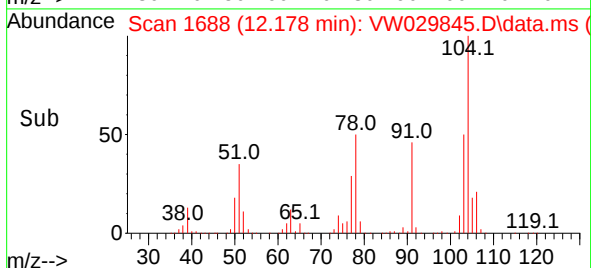
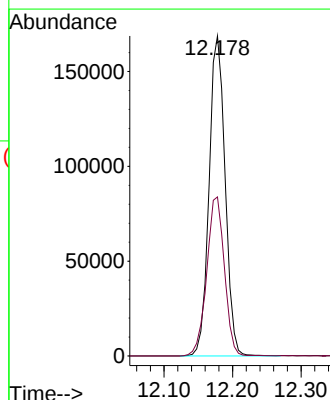
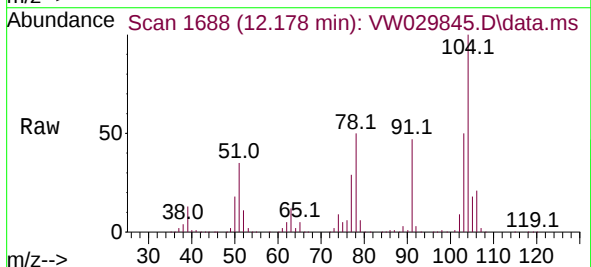
Acq: 07 Aug 2024 11:58

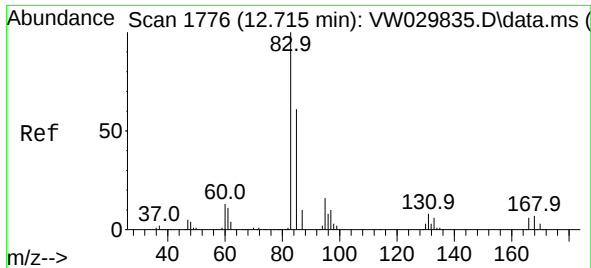
Tgt Ion:104 Resp: 275186

Ion Ratio Lower Upper

104 100

78 49.7 33.3 61.9

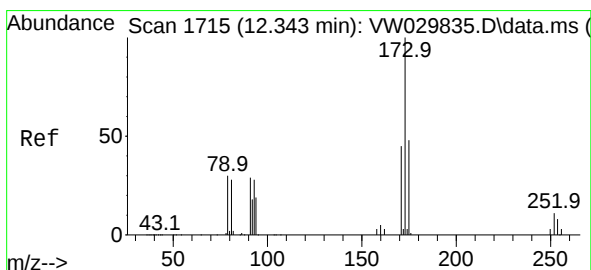
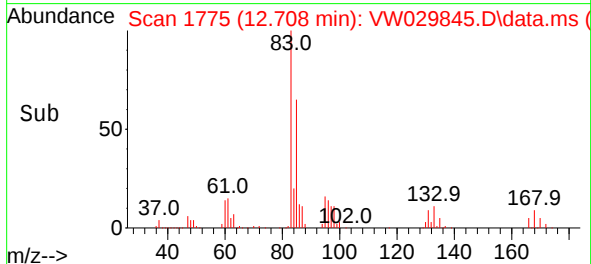
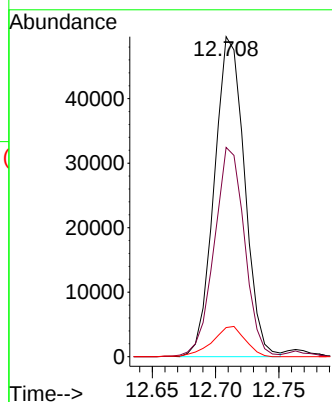
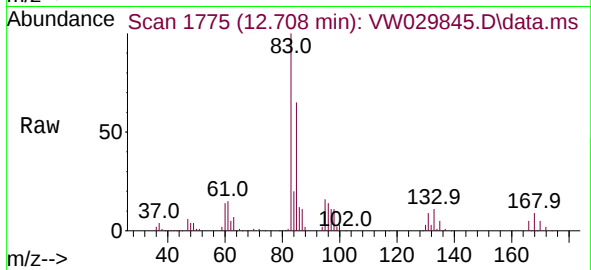




#57
1,1,2,2-Tetrachloroethane
Concen: 26.689 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW029845.D
Acq: 07 Aug 2024 11:58

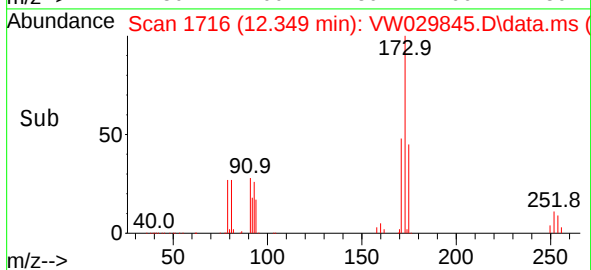
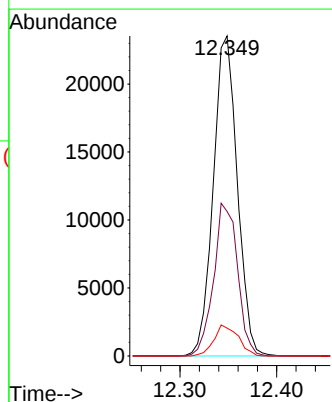
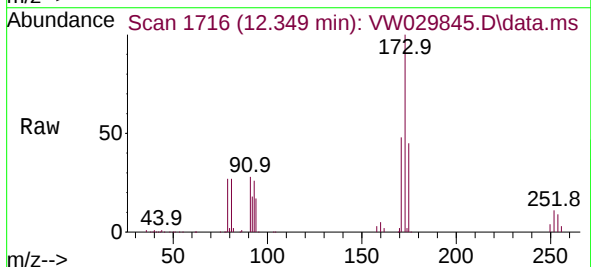
Instrument :
MSVOA_W
ClientSampleId :

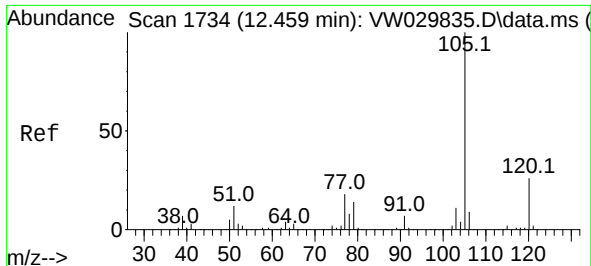
Tgt Ion: 83 Resp: 82587
Ion Ratio Lower Upper
83 100
85 65.4 44.2 82.0
131 9.1 6.2 9.2



#59
Bromoform
Concen: 27.202 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW029845.D
Acq: 07 Aug 2024 11:58

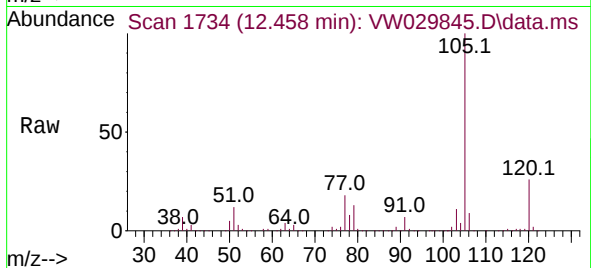
Tgt Ion:173 Resp: 40591
Ion Ratio Lower Upper
173 100
175 47.4 38.1 57.1
254 9.8 7.8 11.6



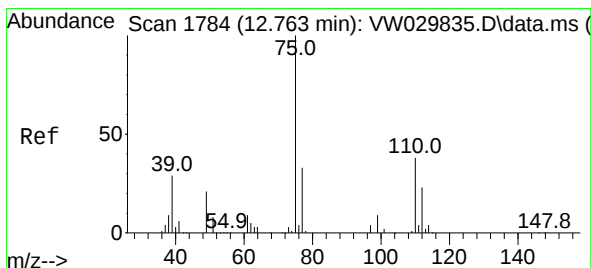
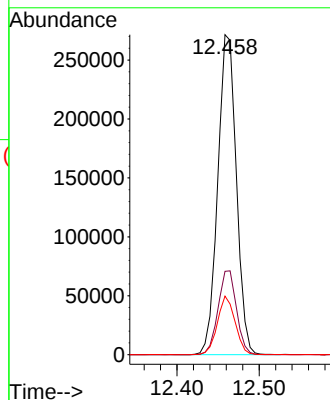
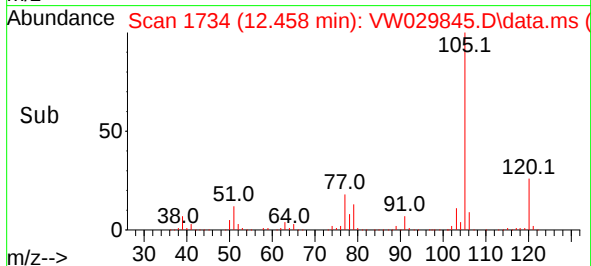


#60
Isopropylbenzene
Concen: 27.848 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029845.D
Acq: 07 Aug 2024 11:58

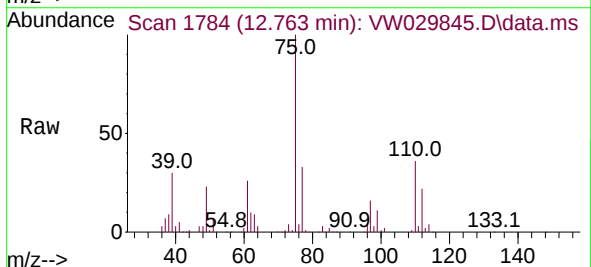
Instrument :
MSVOA_W
ClientSampleId :



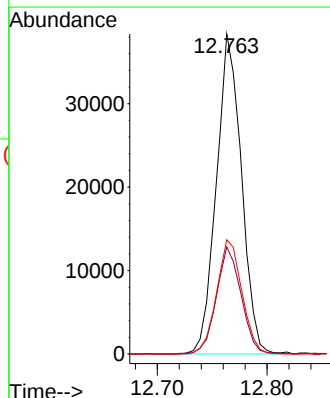
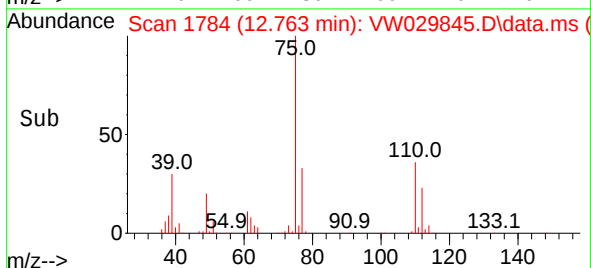
Tgt Ion:105 Resp: 427335
Ion Ratio Lower Upper
105 100
120 26.0 20.3 30.5
77 17.4 14.0 21.0

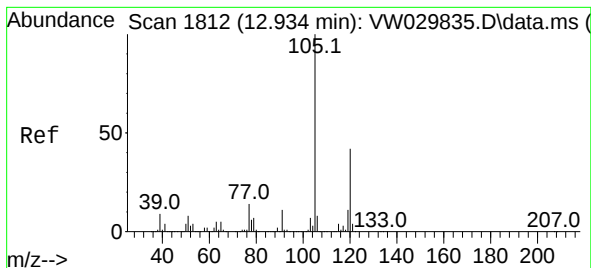


#61
1,2,3-Trichloropropane
Concen: 25.247 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029845.D
Acq: 07 Aug 2024 11:58



Tgt Ion: 75 Resp: 60894
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0
110 36.1 28.6 43.0

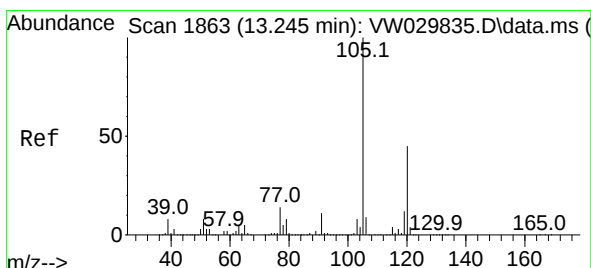
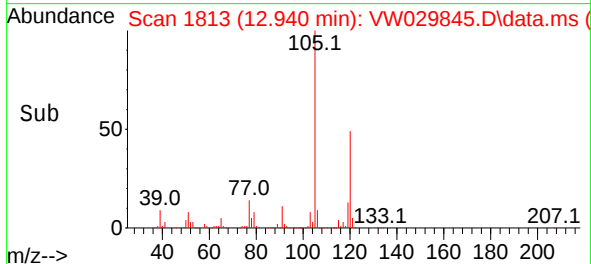
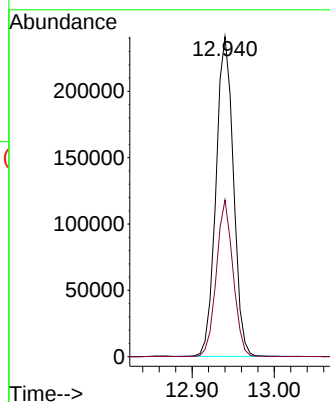
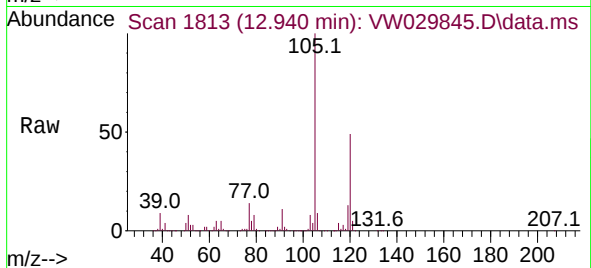




#62
1,3,5-Trimethylbenzene
Concen: 31.160 ug/L
RT: 12.940 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VW029845.D
Acq: 07 Aug 2024 11:58

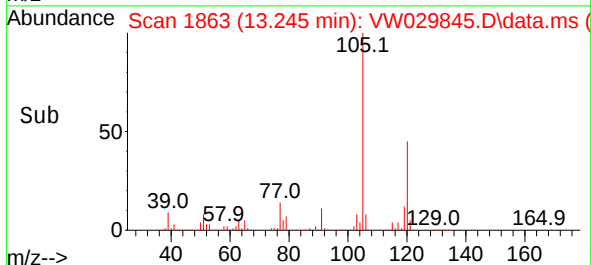
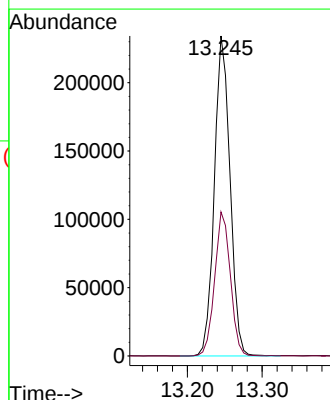
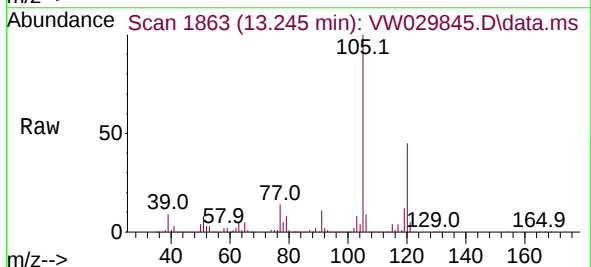
Instrument :
MSVOA_W
ClientSampleId :

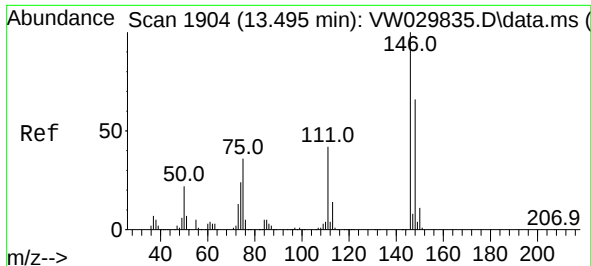
Tgt Ion:105 Resp: 355412
Ion Ratio Lower Upper
105 100
120 47.0 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 28.043 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029845.D
Acq: 07 Aug 2024 11:58

Tgt Ion:105 Resp: 342088
Ion Ratio Lower Upper
105 100
120 45.1 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 28.158 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

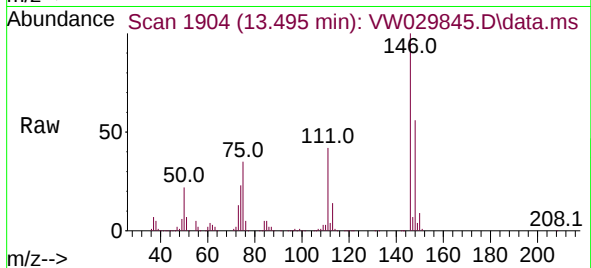
Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Instrument :

MSVOA_W

ClientSampleId :



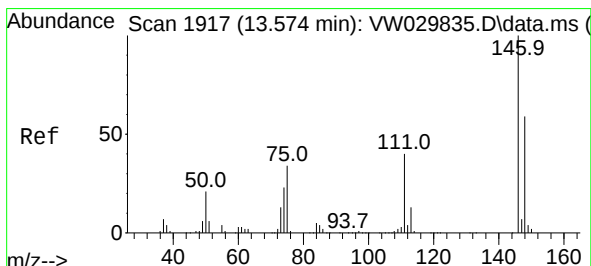
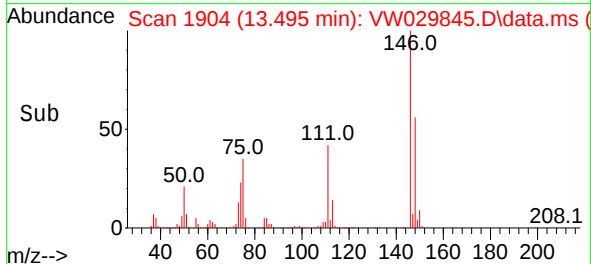
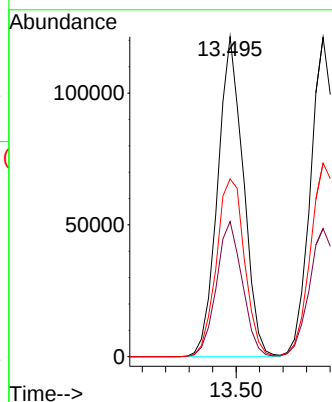
Tgt Ion:146 Resp: 184355

Ion Ratio Lower Upper

146 100

111 42.2 28.7 53.3

148 55.6 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 27.664 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

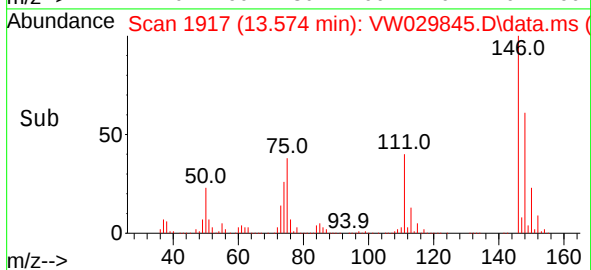
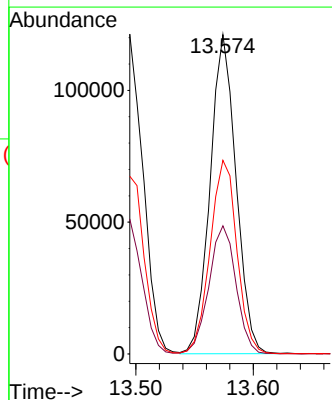
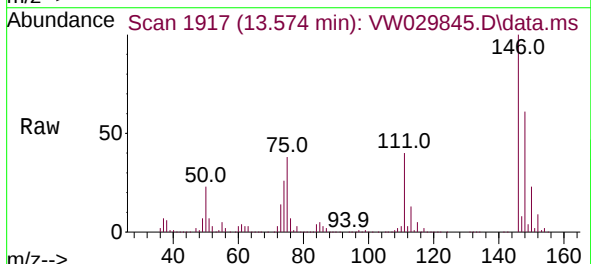
Tgt Ion:146 Resp: 186045

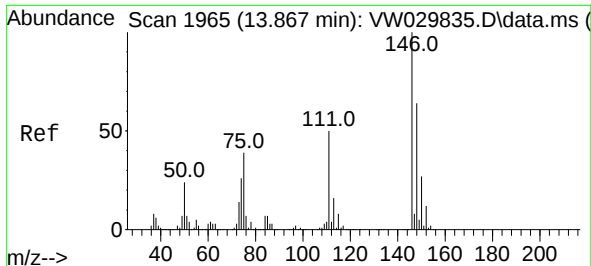
Ion Ratio Lower Upper

146 100

111 40.1 30.1 55.9

148 60.6 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 28.966 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Instrument :

MSVOA_W

ClientSampleId :

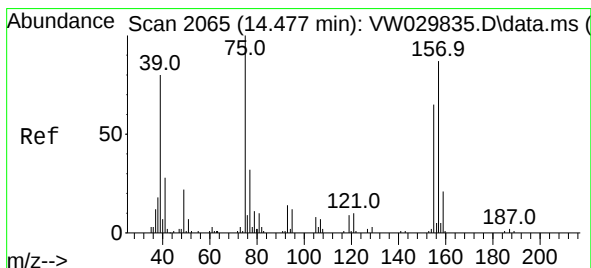
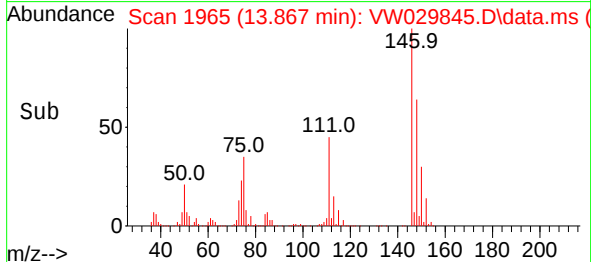
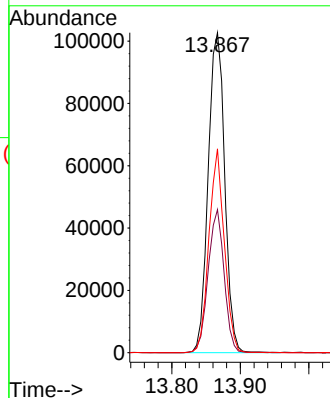
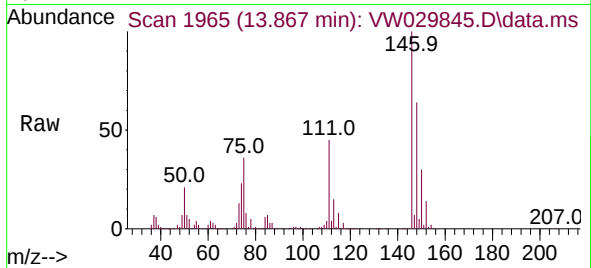
Tgt Ion:146 Resp: 172660

Ion Ratio Lower Upper

146 100

111 44.7 35.8 53.8

148 63.7 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 24.301 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

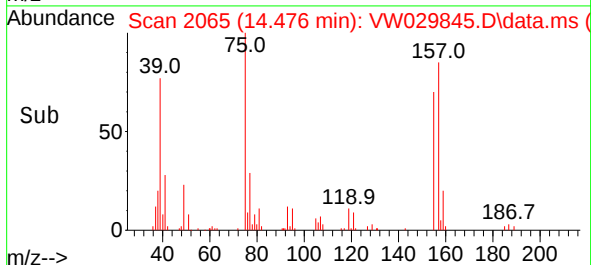
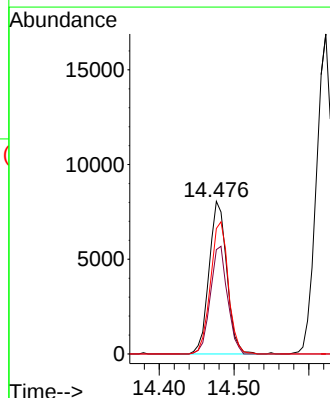
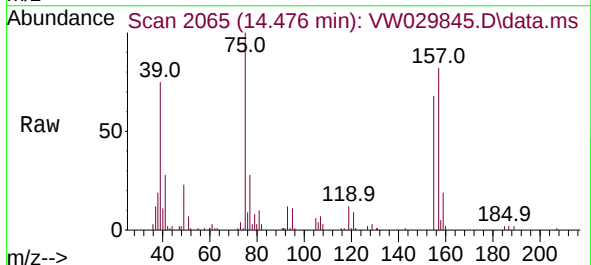
Tgt Ion: 75 Resp: 13308

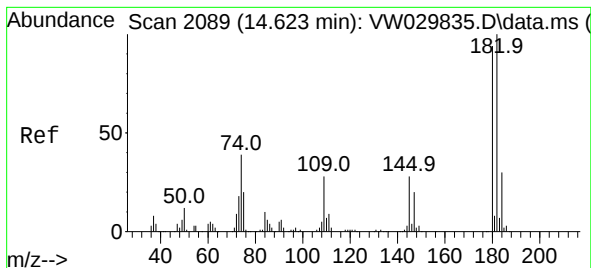
Ion Ratio Lower Upper

75 100

155 68.4 47.8 71.6

157 82.2 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 26.267 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 117662

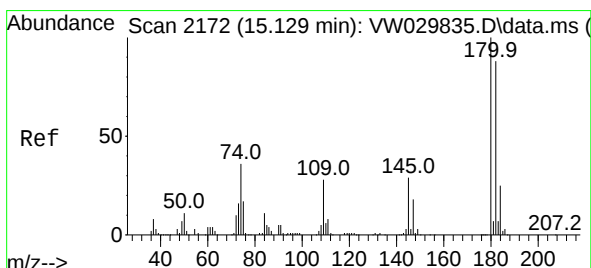
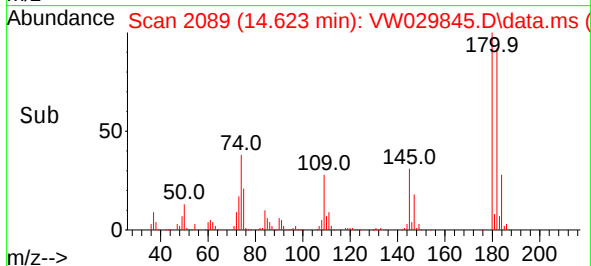
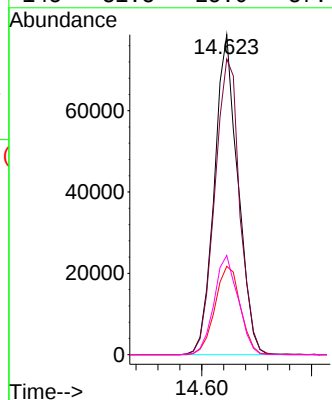
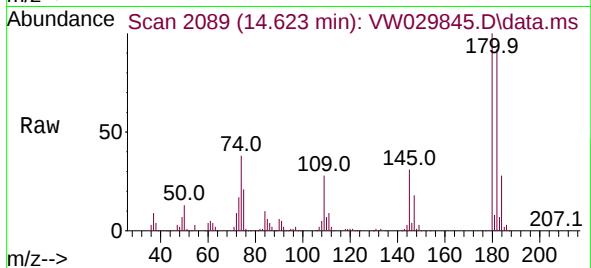
Ion Ratio Lower Upper

180 100

182 97.6 72.7 109.1

184 29.8 23.3 34.9

145 31.8 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 26.204 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

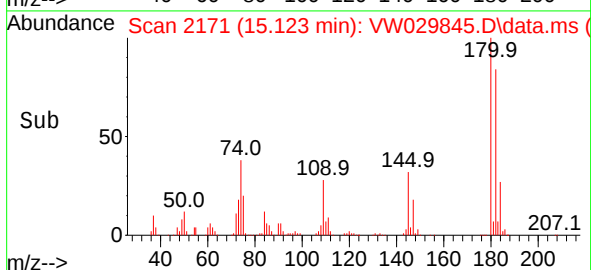
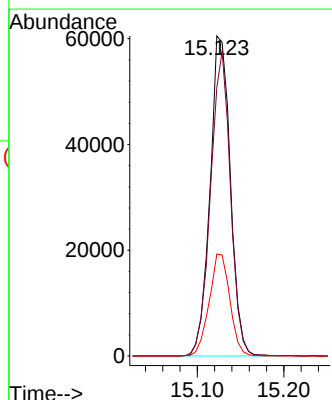
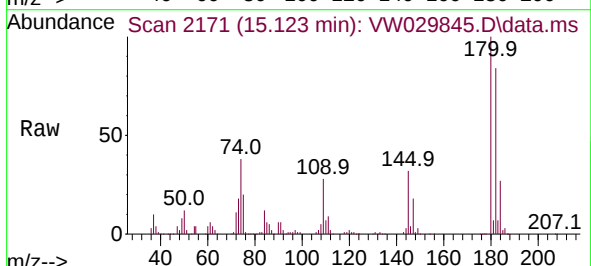
Tgt Ion:180 Resp: 98890

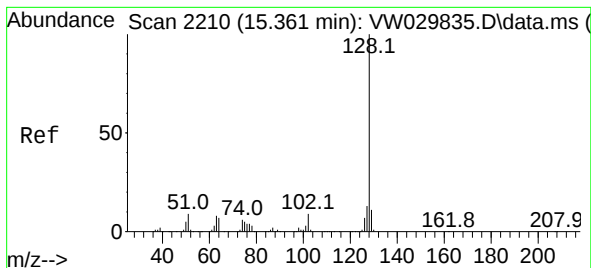
Ion Ratio Lower Upper

180 100

182 93.0 80.2 120.4

145 32.3 26.3 39.5





#71

Naphthalene

Concen: 26.033 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Instrument :

MSVOA_W

ClientSampleId :

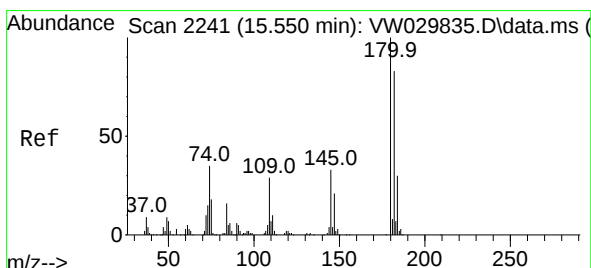
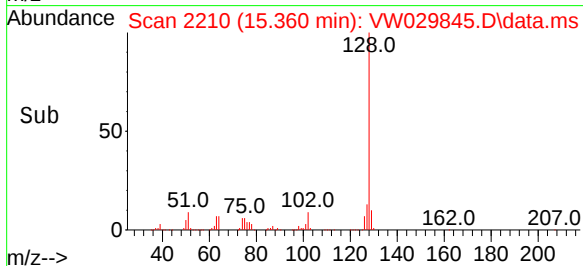
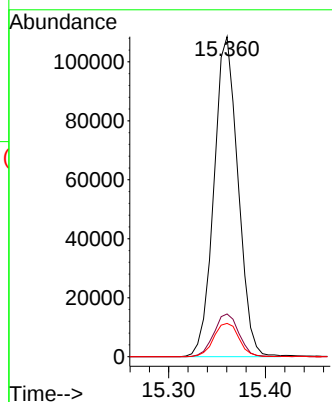
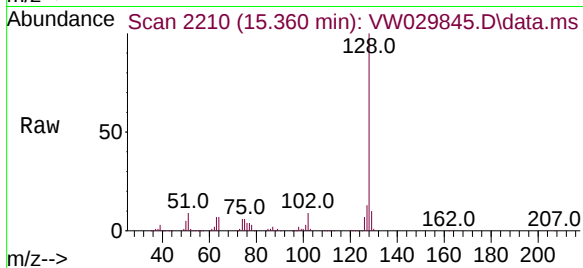
Tgt Ion:128 Resp: 187463

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 25.252 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW029845.D

Acq: 07 Aug 2024 11:58

Tgt Ion:180 Resp: 86254

Ion Ratio Lower Upper

180 100

182 99.7 74.0 111.0

145 35.9 27.5 41.3

