

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052824\
 Data File : VW028845.D
 Acq On : 28 May 2024 20:43
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 29 01:01:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 29 00:53:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	285412	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	271335	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	136454	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	115331	21.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.120%
7) Chloroethane-d5	2.899	69	94496	22.771	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.080%
11) 1,1-Dichloroethene-d2	4.027	65	50464	22.286	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.160%
21) 2-Butanone-d5	7.081	46	67733	47.902	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.800%
24) Chloroform-d	7.648	84	235756	26.435	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.760%
26) 1,2-Dichloroethane-d4	8.307	65	132875	26.025	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.080%
32) Benzene-d6	8.276	84	470264	25.977	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.920%
36) 1,2-Dichloropropane-d6	9.270	67	142093	26.084	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.320%
41) Toluene-d8	10.325	98	418534	26.106	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.440%
43) trans-1,3-Dichloroprop...	10.575	79	55987	25.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.200%
47) 2-Hexanone-d5	10.922	63	46129	49.097	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	113131	24.767	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.080%
66) 1,2-Dichlorobenzene-d4	13.849	152	134066	25.778	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	78806	19.000	ug/L	97
3) Chloromethane	2.223	50	102150	19.880	ug/L	95
5) Vinyl chloride	2.375	62	118393	20.466	ug/L	99
6) Bromomethane	2.790	94	72791	21.752	ug/L	100
8) Chloroethane	2.942	64	72829	22.075	ug/L	99
9) Trichlorofluoromethane	3.265	101	90544	19.064	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	98273	22.443	ug/L	93
12) 1,1-Dichloroethene	4.051	96	92212	23.475	ug/L	98
13) Acetone	4.119	43	45327	35.237	ug/L	96
14) Carbon disulfide	4.399	76	256050	19.287	ug/L	100
15) Methyl Acetate	4.673	43	52534	23.474	ug/L	100
16) Methylene chloride	4.923	84	114063	25.841	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	102600	25.089	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	159743	26.470	ug/L	98
19) 1,1-Dichloroethane	6.222	63	212876	26.250	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	117101	27.361	ug/L	93
22) 2-Butanone	7.173	43	69841	42.301	ug/L	99
23) Bromochloromethane	7.514	128	50606	27.107	ug/L	98
25) Chloroform	7.679	83	211716	26.992	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052824\
 Data File : VW028845.D
 Acq On : 28 May 2024 20:43
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 29 01:01:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 29 00:53:59 2024
 Response via : Initial Calibration

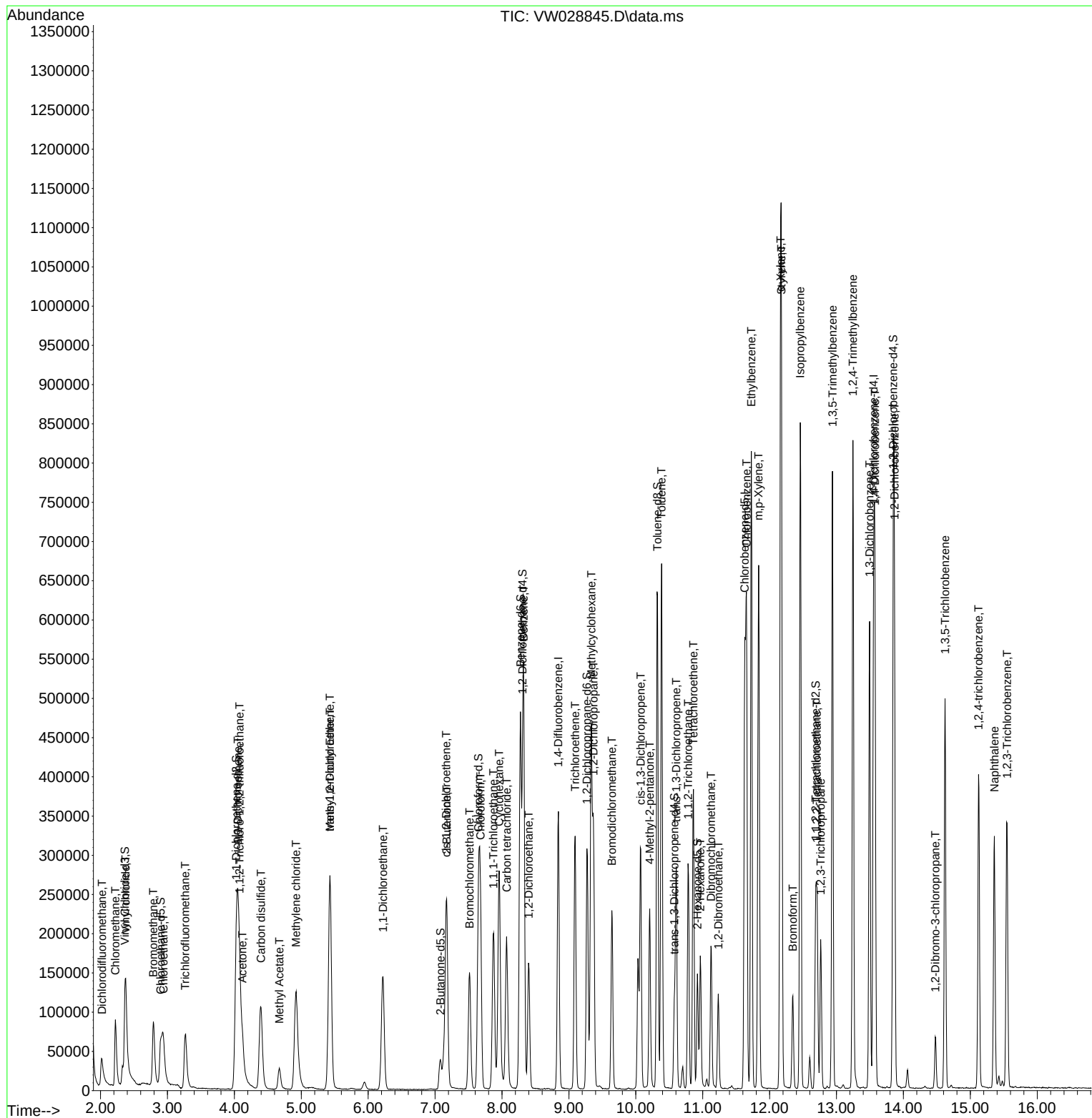
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	148738	26.087	ug/L	100
29) Cyclohexane	7.959	56	158099	20.436	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	163151	23.995	ug/L	99
31) Carbon tetrachloride	8.069	117	146430	23.620	ug/L	98
33) Benzene	8.325	78	453181	25.756	ug/L	100
34) Trichloroethene	9.093	95	113927	24.150	ug/L	93
35) Methylcyclohexane	9.337	83	175705	21.313	ug/L	98
37) 1,2-Dichloropropane	9.368	63	122674	26.757	ug/L	100
38) Bromodichloromethane	9.642	83	150951	27.009	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	179279	27.282	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	152170	48.766	ug/L	98
42) Toluene	10.386	91	481369	26.488	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	147905	26.695	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	88285	26.582	ug/L	97
46) Tetrachloroethene	10.861	164	81217	23.896	ug/L	94
48) 2-Hexanone	10.965	43	108373	49.194	ug/L	100
49) Dibromochloromethane	11.123	129	91449	27.451	ug/L	96
50) 1,2-Dibromoethane	11.233	107	78670	25.286	ug/L	94
51) Chlorobenzene	11.654	112	305037	27.136	ug/L	98
52) Ethylbenzene	11.727	91	542034	26.356	ug/L	98
53) m,p-Xylene	11.837	106	204727	27.157	ug/L	92
54) o-Xylene	12.166	106	193960	27.811	ug/L	92
55) Styrene	12.178	104	341672	28.913	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	105890	25.412	ug/L	100
59) Bromoform	12.349	173	52439	26.341	ug/L	98
60) Isopropylbenzene	12.459	105	539442	26.057	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	77807	23.594	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	396648	27.080	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	414568	26.269	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	223010	25.895	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	233171	26.483	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	211225	27.403	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	17077	22.148	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	139839	24.198	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	119826	25.662	ug/L	99
71) Naphthalene	15.360	128	252831	25.414	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	110654	26.262	ug/L	99

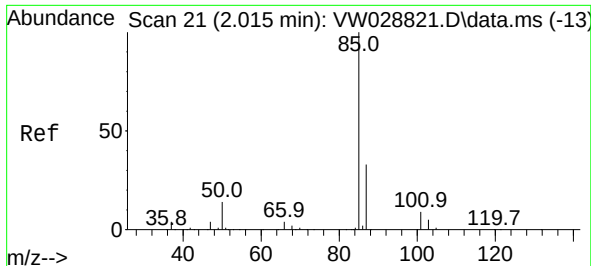
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052824\
 Data File : VW028845.D
 Acq On : 28 May 2024 20:43
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 29 01:01:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 29 00:53:59 2024
 Response via : Initial Calibration

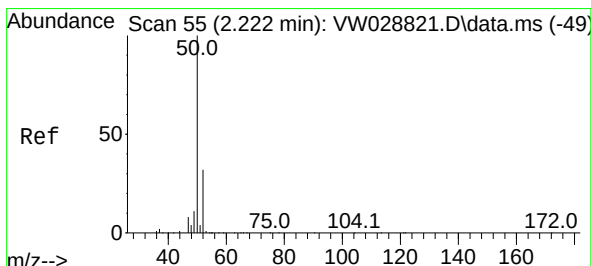
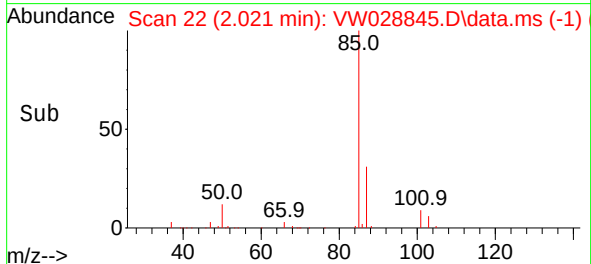
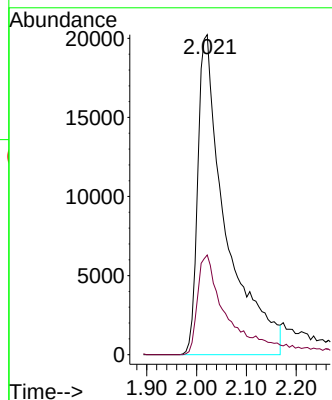
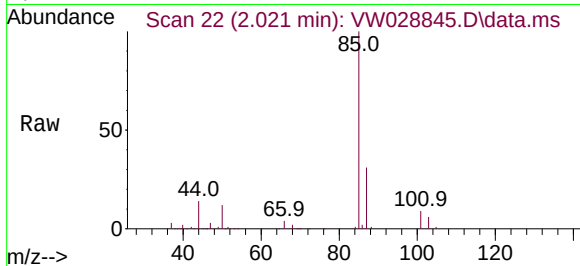




#2
Dichlorodifluoromethane
Concen: 19.000 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

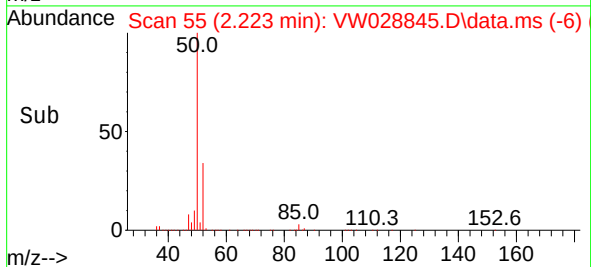
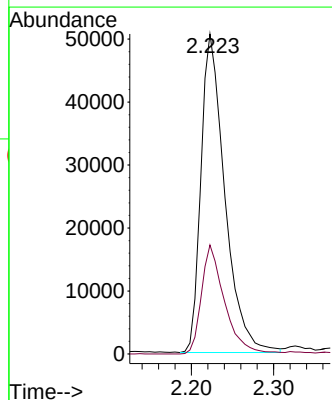
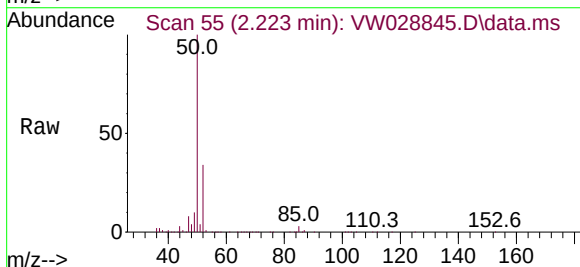
Instrument :
MSVOA_W
ClientSampleId :

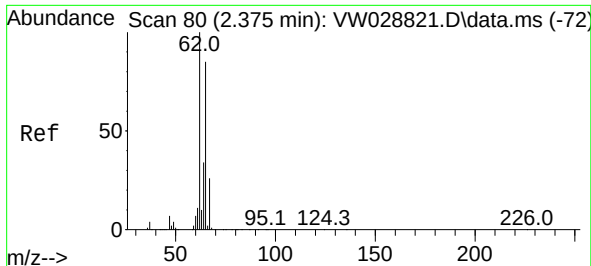
Tgt Ion: 85 Resp: 78806
Ion Ratio Lower Upper
85 100
87 28.9 21.9 32.9



#3
Chloromethane
Concen: 19.880 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

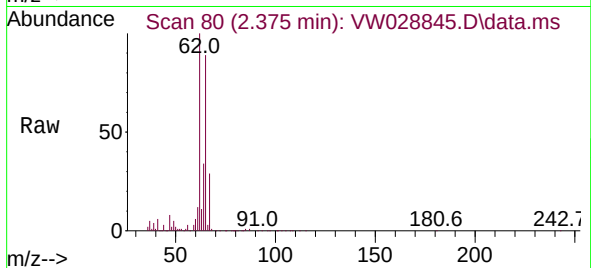
Tgt Ion: 50 Resp: 102150
Ion Ratio Lower Upper
50 100
52 34.1 22.0 41.0



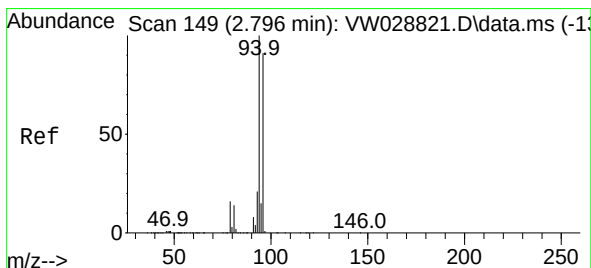
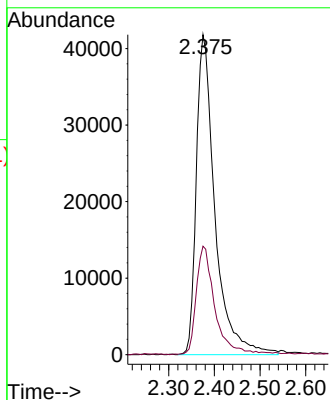
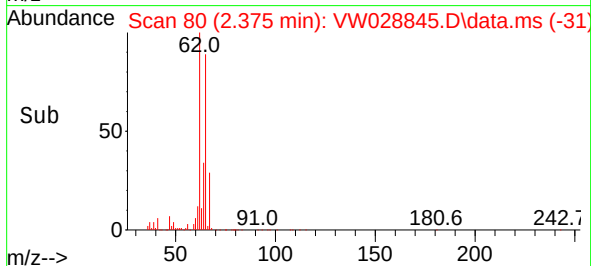


#5
 Vinyl chloride
 Concen: 20.466 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028845.D
 Acq: 28 May 2024 20:43

Instrument :
 MSVOA_W
 ClientSampleId :

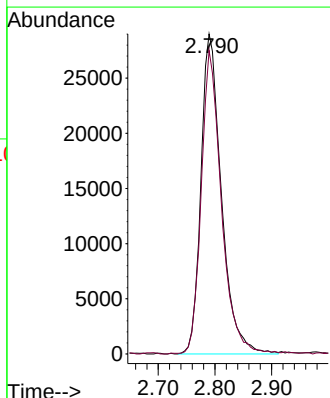
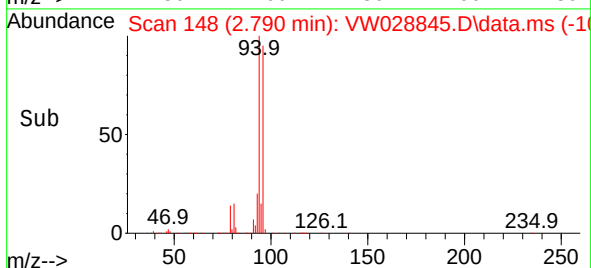
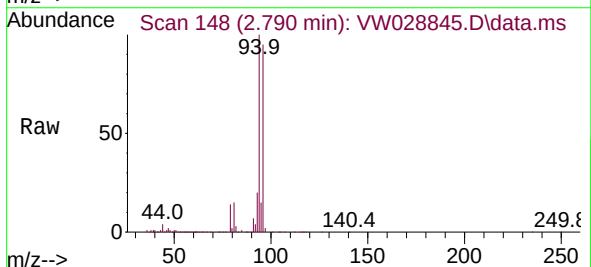


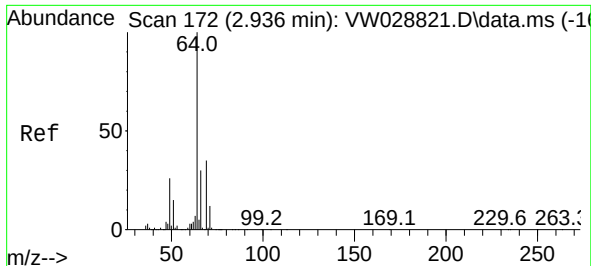
Tgt Ion: 62 Resp: 118393
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.3 43.3



#6
 Bromomethane
 Concen: 21.752 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028845.D
 Acq: 28 May 2024 20:43

Tgt Ion: 94 Resp: 72791
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.3 123.1

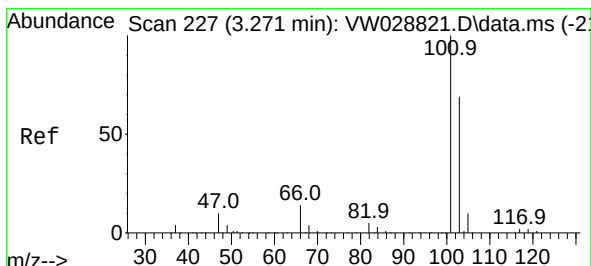
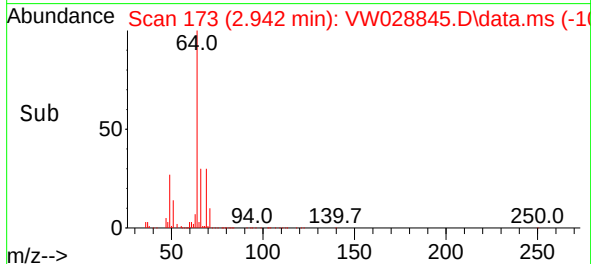
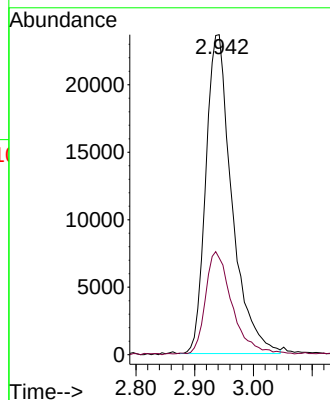
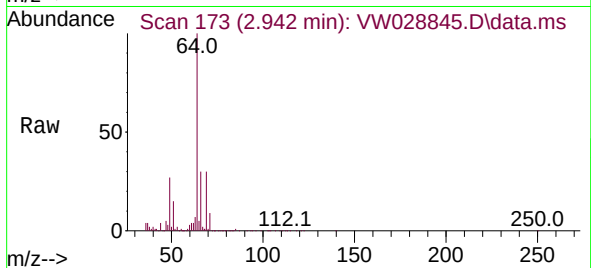




#8
Chloroethane
Concen: 22.075 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

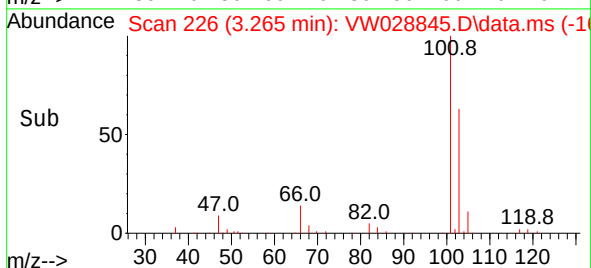
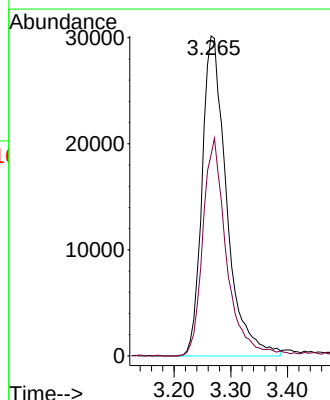
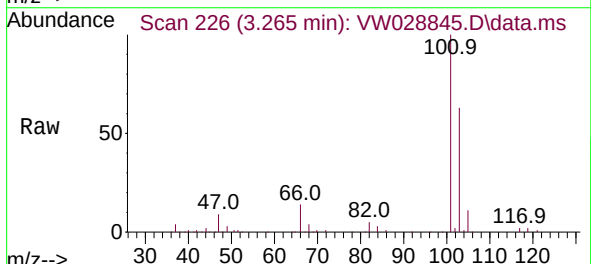
Instrument :
MSVOA_W
ClientSampleId :

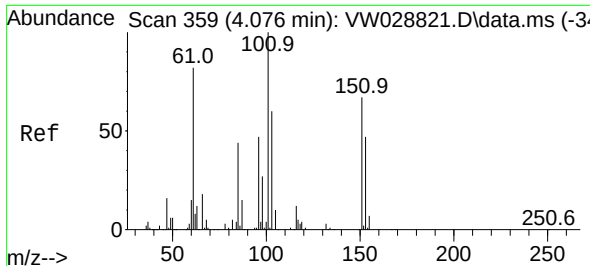
Tgt Ion: 64 Resp: 72829
Ion Ratio Lower Upper
64 100
66 30.2 21.7 40.3



#9
Trichlorofluoromethane
Concen: 19.064 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

Tgt Ion: 101 Resp: 90544
Ion Ratio Lower Upper
101 100
103 64.6 50.4 75.6





#10

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

Concen: 22.443 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

Instrument :

MSVOA_W

ClientSampleId :

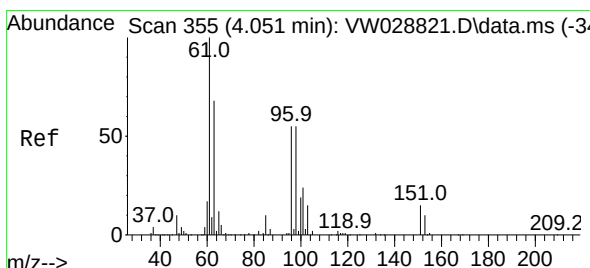
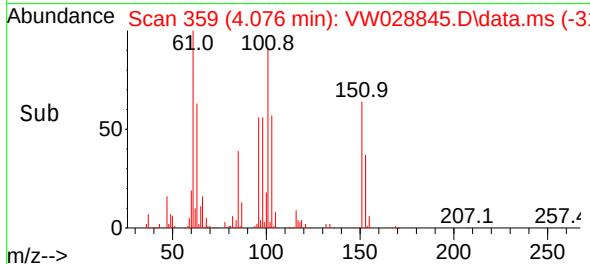
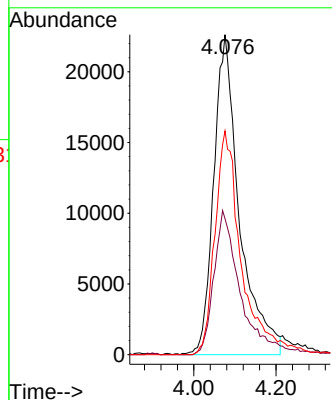
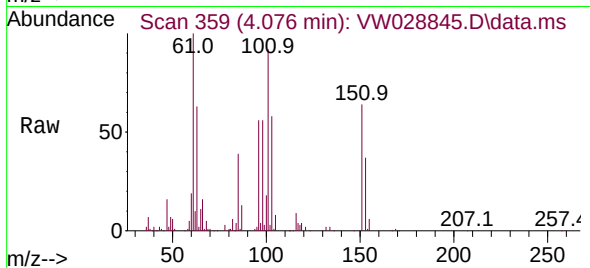
Tgt Ion:101 Resp: 98273

Ion Ratio Lower Upper

101 100

85 42.4 35.8 53.8

151 69.4 49.6 74.4



#12

1,1-Dichloroethene

Concen: 23.475 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.000 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

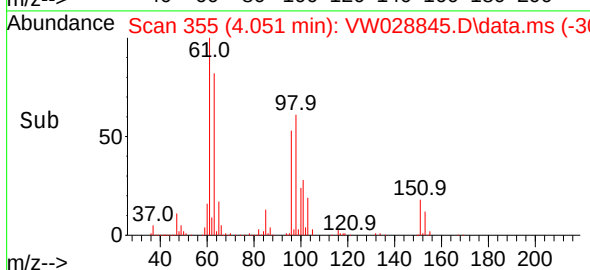
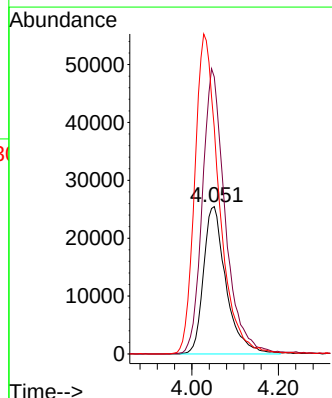
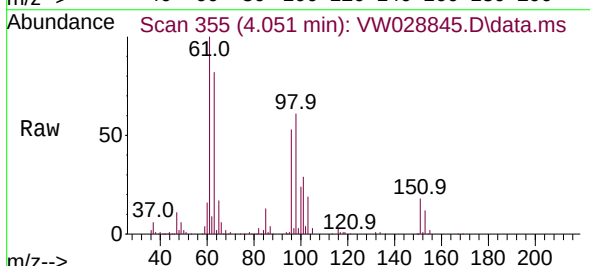
Tgt Ion: 96 Resp: 92212

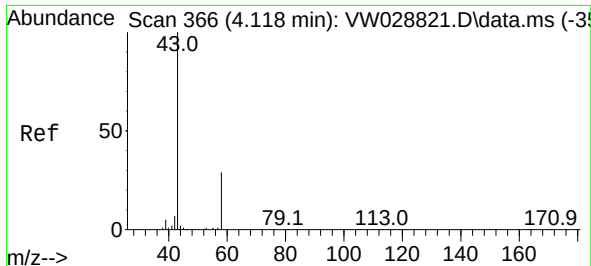
Ion Ratio Lower Upper

96 100

61 188.0 131.6 244.4

63 153.5 111.4 206.8

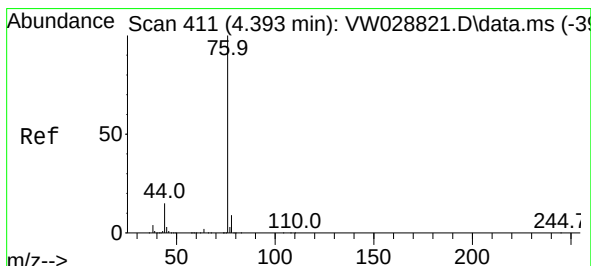
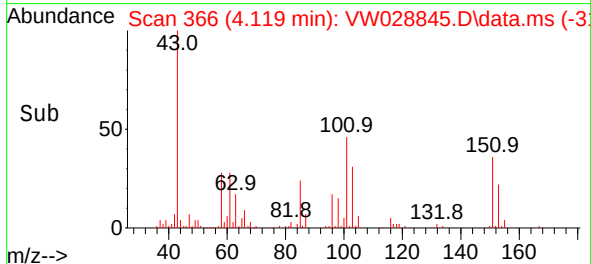
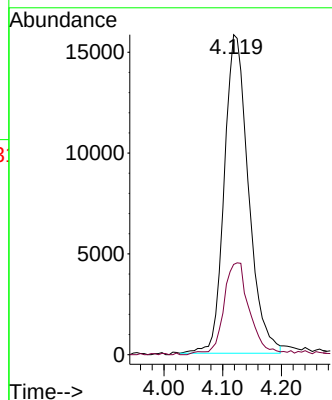
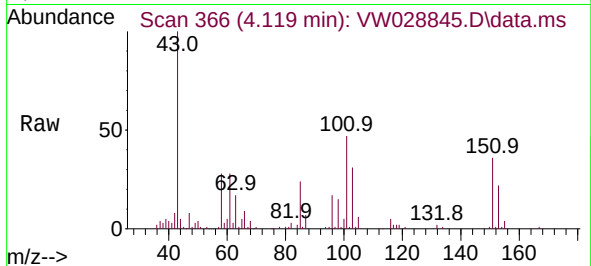




#13
Acetone
Concen: 35.237 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

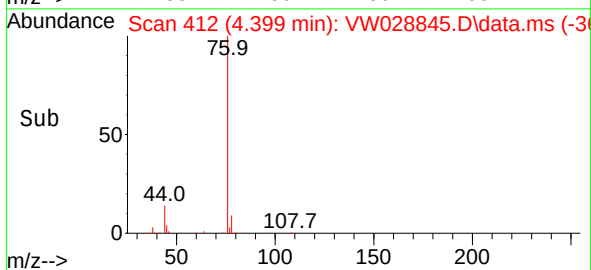
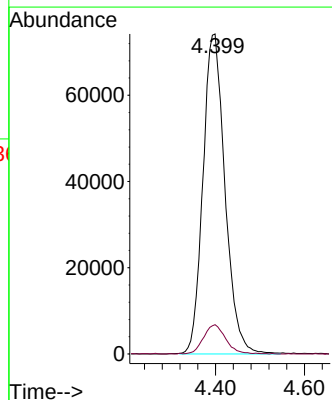
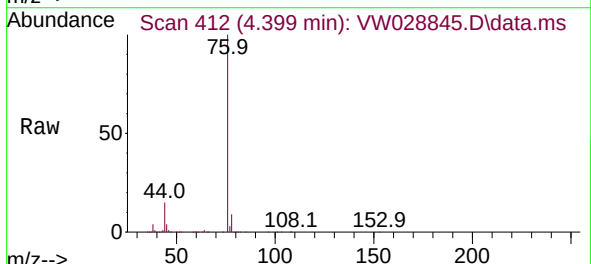
Instrument :
MSVOA_W
ClientSampleId :

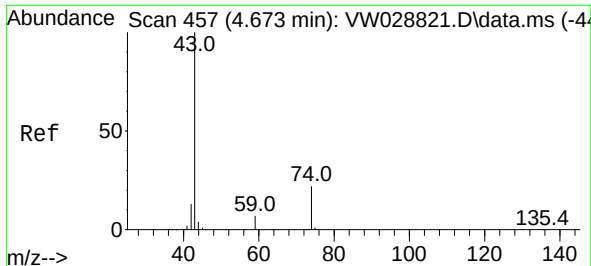
Tgt Ion: 43 Resp: 45327
Ion Ratio Lower Upper
43 100
58 29.5 0.0 54.4



#14
Carbon disulfide
Concen: 19.287 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.006 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

Tgt Ion: 76 Resp: 256050
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 23.474 ug/L

RT: 4.673 min Scan# 457

Delta R.T. 0.000 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

Instrument :

MSVOA_W

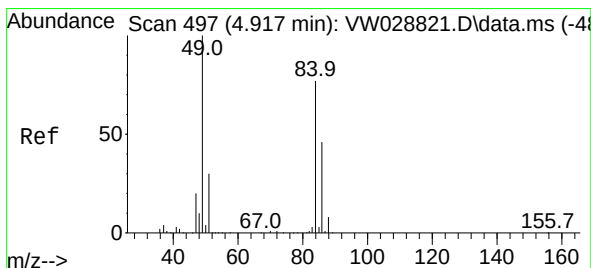
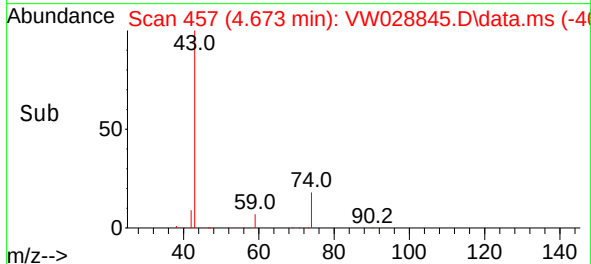
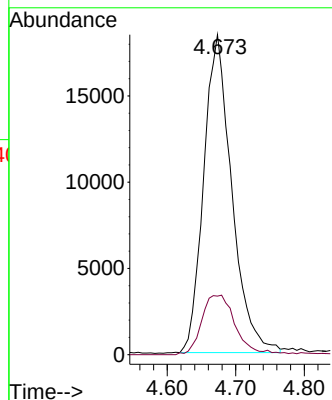
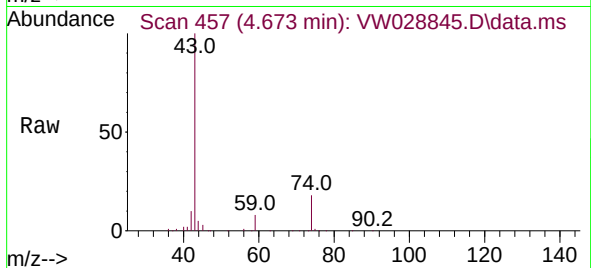
ClientSampleId :

Tgt Ion: 43 Resp: 52534

Ion Ratio Lower Upper

43 100

74 21.8 17.6 26.4



#16

Methylene chloride

Concen: 25.841 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

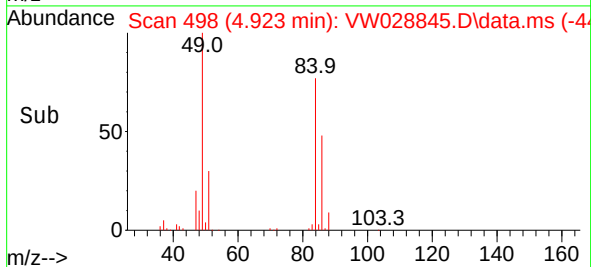
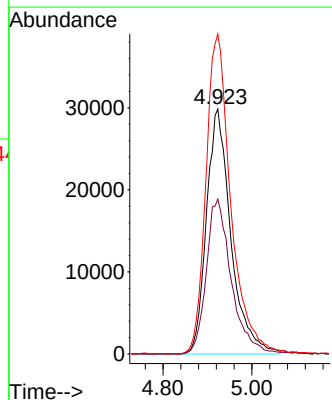
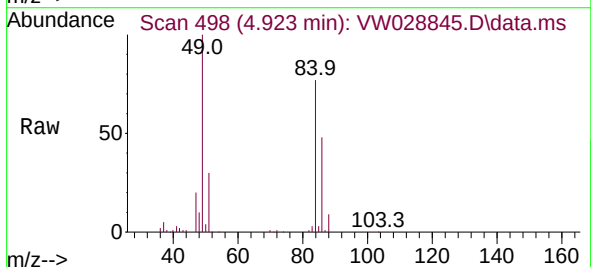
Tgt Ion: 84 Resp: 114063

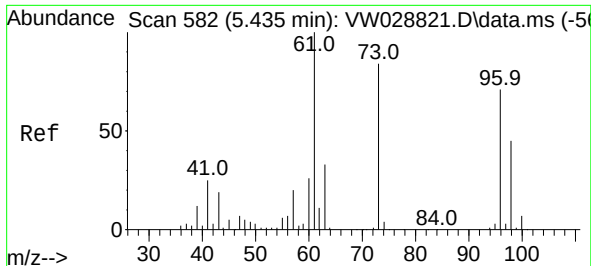
Ion Ratio Lower Upper

84 100

86 63.2 44.4 82.4

49 130.7 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 25.089 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

Instrument :

MSVOA_W

ClientSampleId :

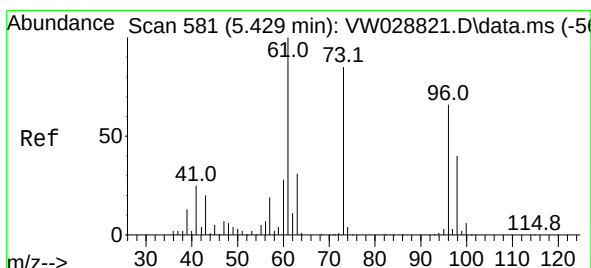
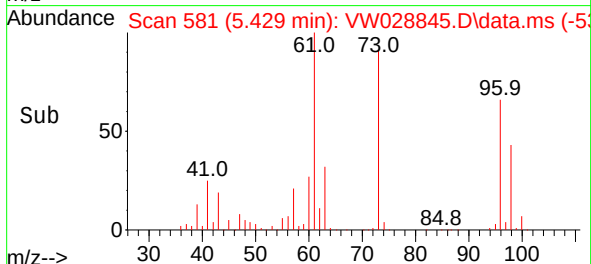
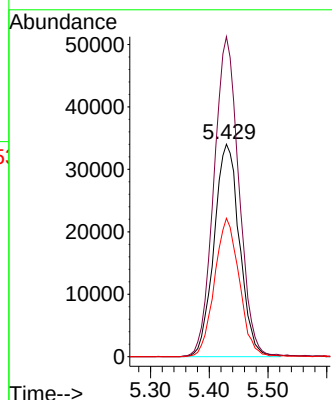
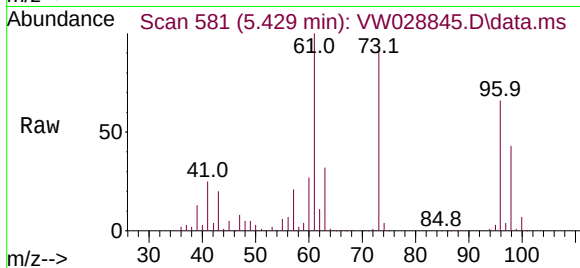
Tgt Ion: 96 Resp: 102600

Ion Ratio Lower Upper

96 100

61 150.6 109.0 202.4

98 65.2 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 26.470 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

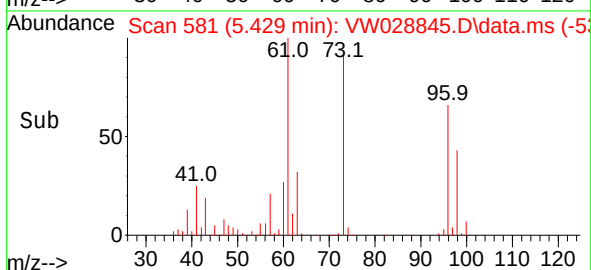
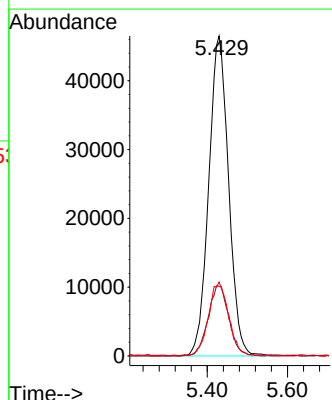
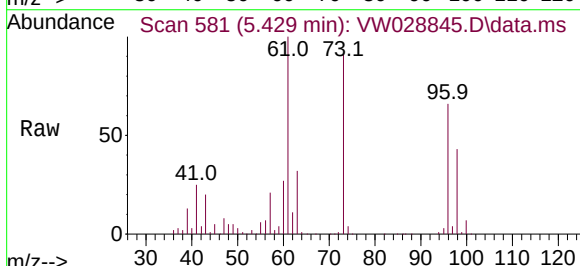
Tgt Ion: 73 Resp: 159743

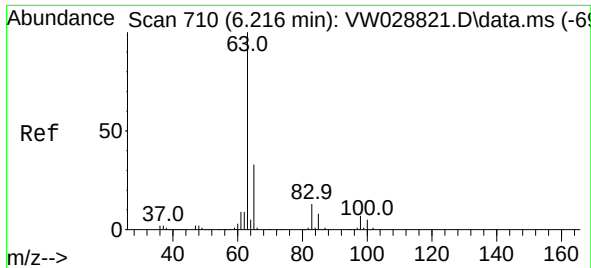
Ion Ratio Lower Upper

73 100

43 22.6 19.2 28.8

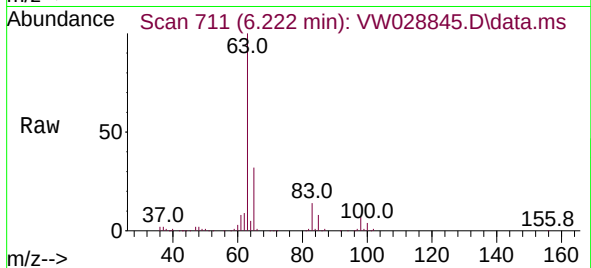
57 23.3 18.5 27.7





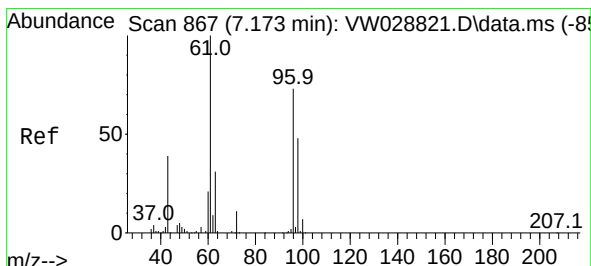
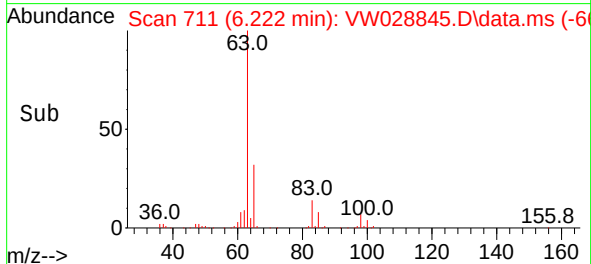
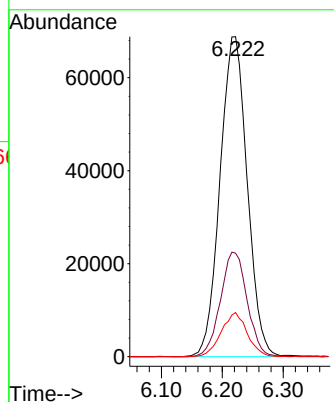
#19
1,1-Dichloroethane
Concen: 26.250 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 63 Resp: 212876

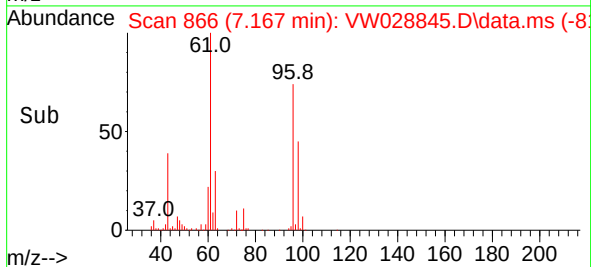
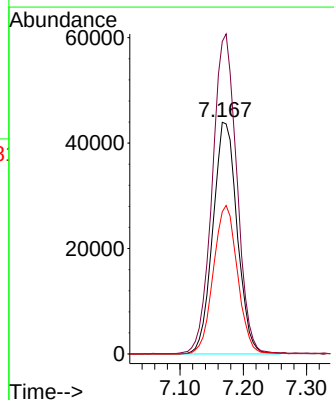
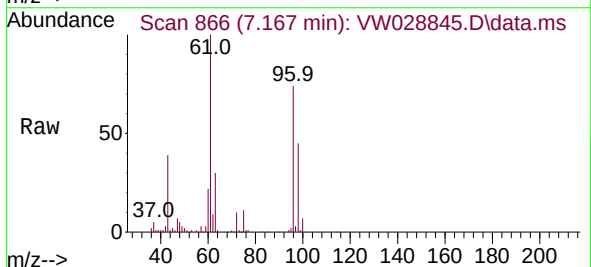
Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.9	42.5
83	13.8	9.0	16.8

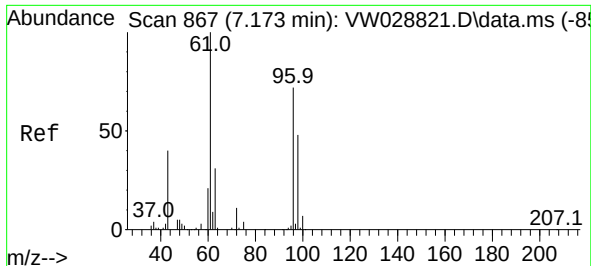


#20
cis-1,2-Dichloroethene
Concen: 27.361 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

Tgt Ion: 96 Resp: 117101

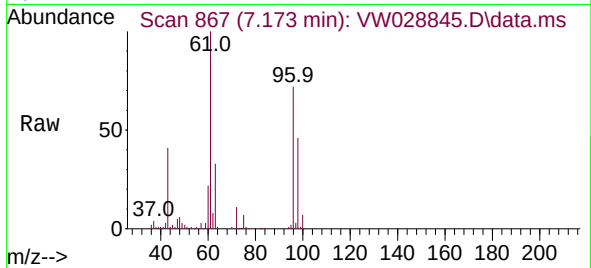
Ion	Ratio	Lower	Upper
96	100		
61	134.9	102.8	191.0
98	61.4	44.3	82.3



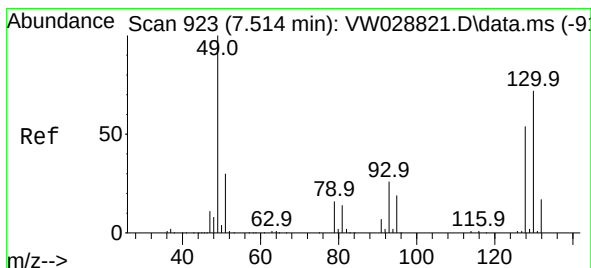
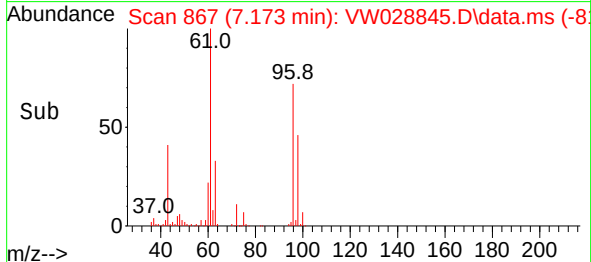
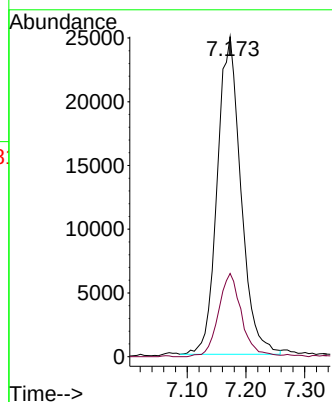


#22
2-Butanone
Concen: 42.301 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

Instrument :
MSVOA_W
ClientSampleId :

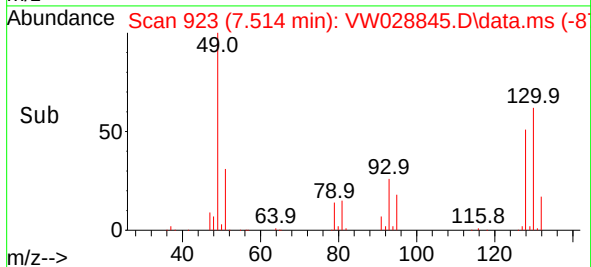
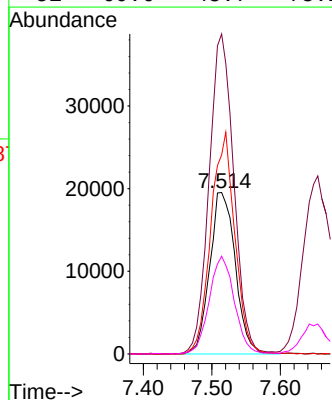
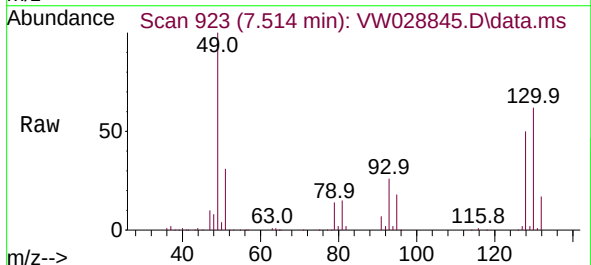


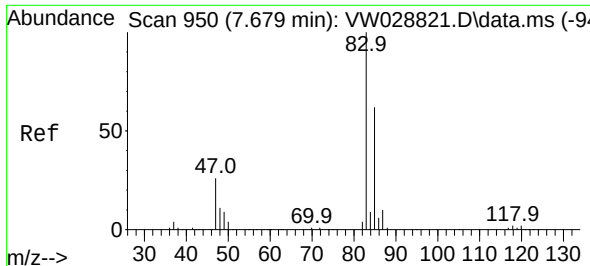
Tgt Ion: 43 Resp: 69841
Ion Ratio Lower Upper
43 100
72 24.1 12.2 36.6



#23
Bromochloromethane
Concen: 27.107 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

Tgt Ion: 128 Resp: 50606
Ion Ratio Lower Upper
128 100
49 198.2 139.6 259.2
130 123.3 91.2 169.4
51 60.6 48.7 73.1





#25

Chloroform

Concen: 26.992 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

Instrument :

MSVOA_W

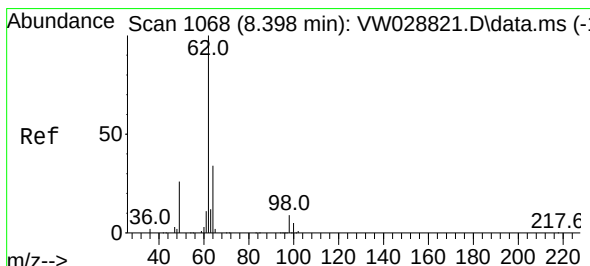
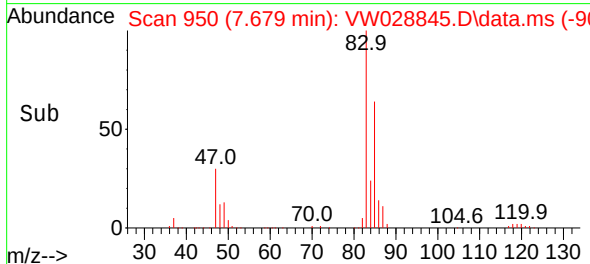
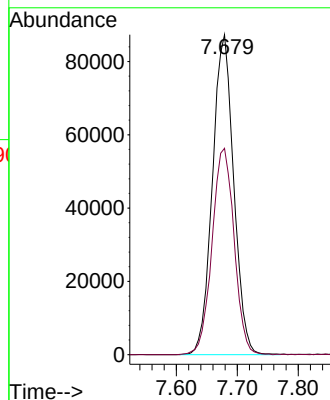
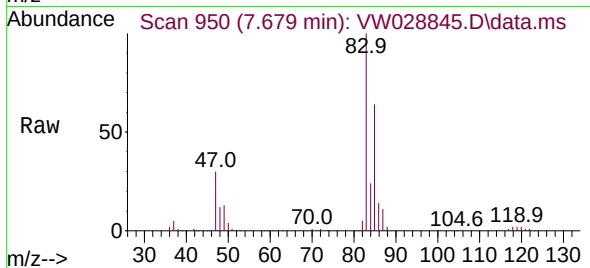
ClientSampleId :

Tgt Ion: 83 Resp: 211716

Ion Ratio Lower Upper

83 100

85 64.5 43.4 80.6



#27

1,2-Dichloroethane

Concen: 26.087 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028845.D

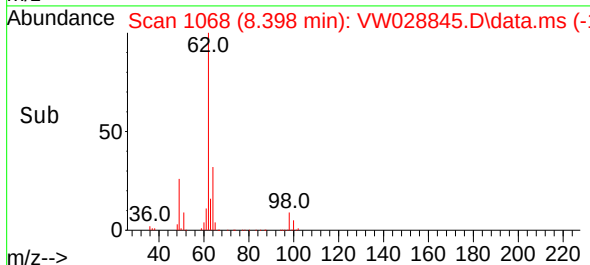
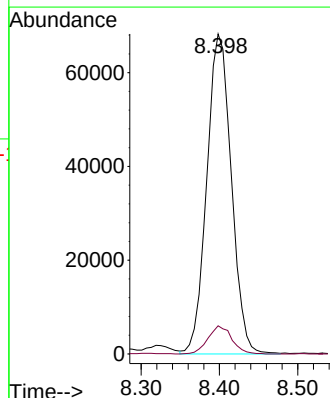
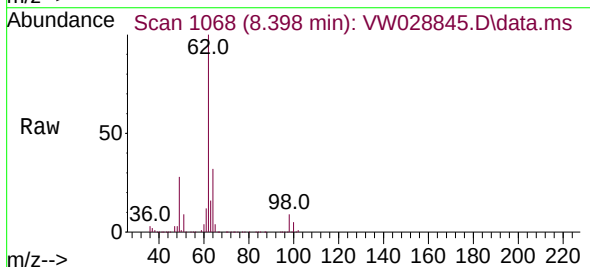
Acq: 28 May 2024 20:43

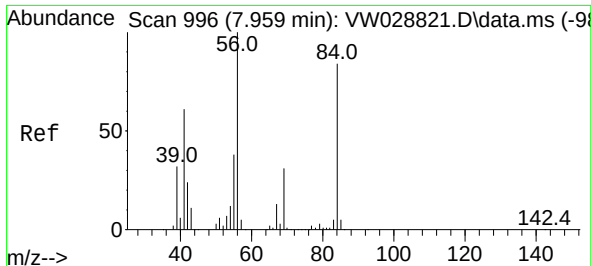
Tgt Ion: 62 Resp: 148738

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.6





#29

Cyclohexane

Concen: 20.436 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

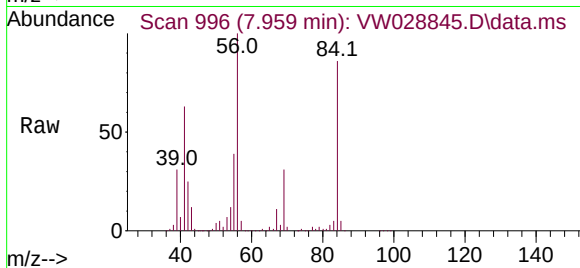
Lab File: VW028845.D

Acq: 28 May 2024 20:43

Instrument :

MSVOA_W

ClientSampleId :



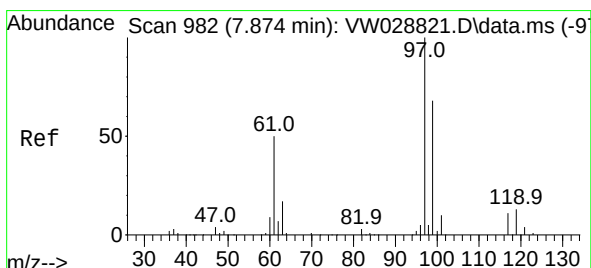
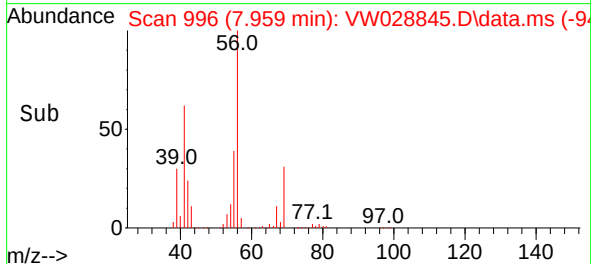
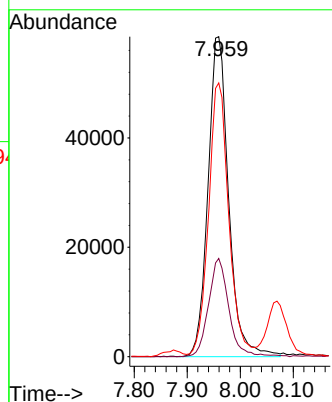
Tgt Ion: 56 Resp: 158099

Ion Ratio Lower Upper

56 100

69 29.7 23.4 35.0

84 83.8 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 23.995 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

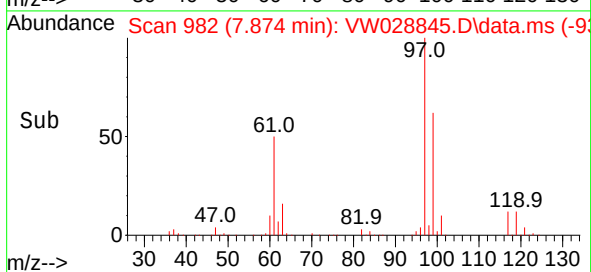
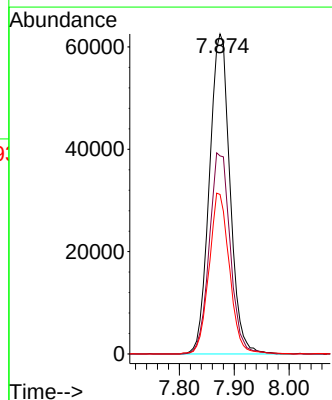
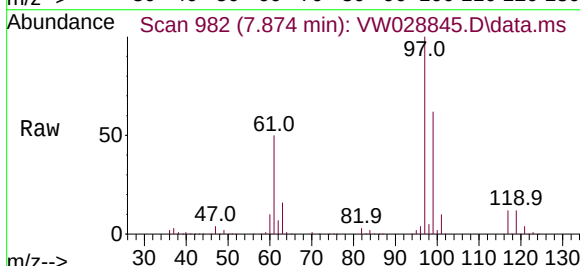
Tgt Ion: 97 Resp: 163151

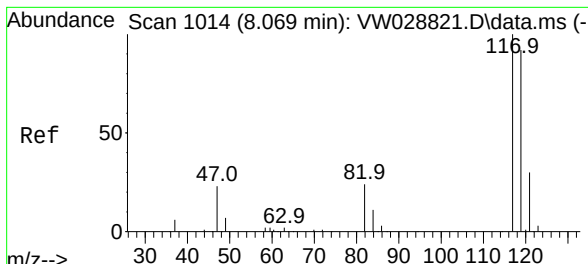
Ion Ratio Lower Upper

97 100

99 64.1 50.9 76.3

61 49.7 41.0 61.6

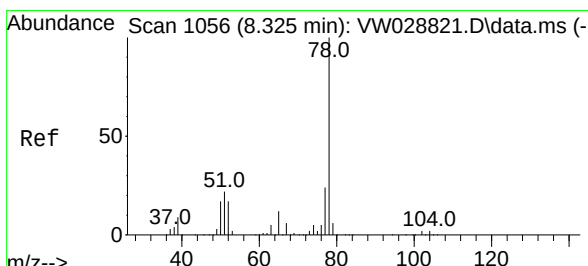
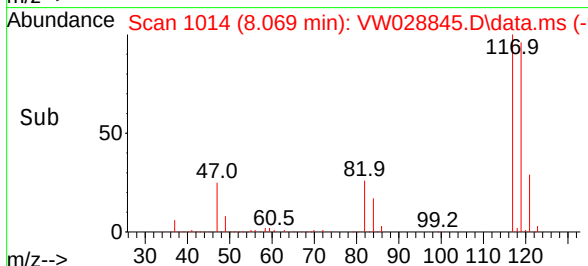
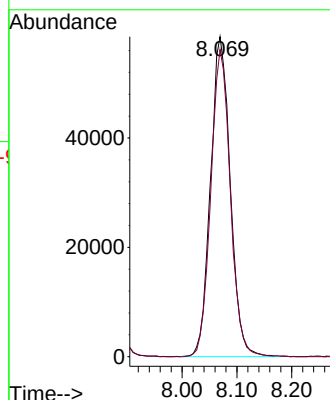
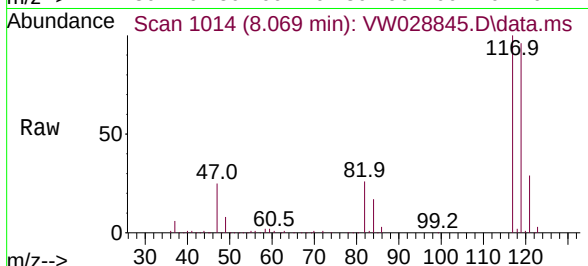




#31
Carbon tetrachloride
Concen: 23.620 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

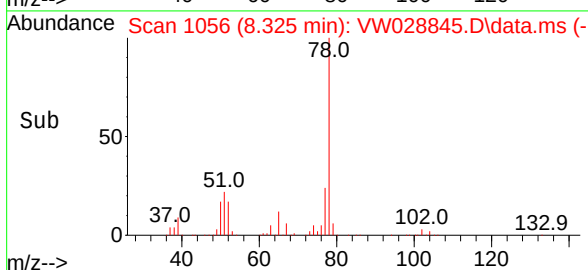
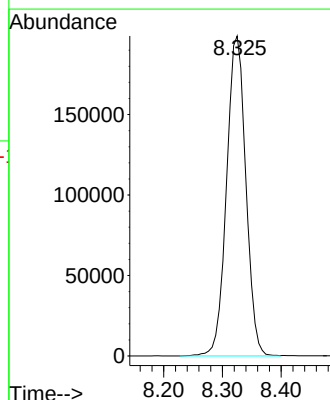
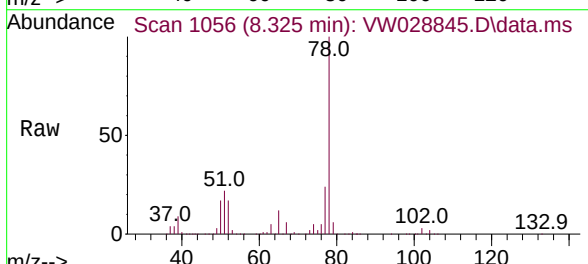
Instrument :
MSVOA_W
ClientSampleId :

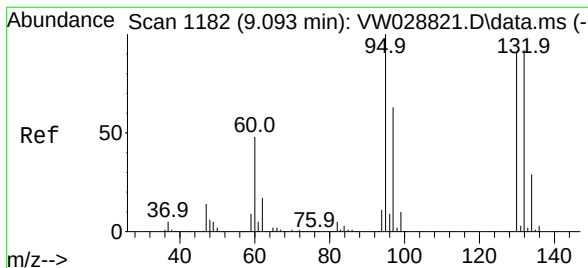
Tgt Ion:117 Resp: 146430
Ion Ratio Lower Upper
117 100
119 94.6 77.2 115.8



#33
Benzene
Concen: 25.756 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

Tgt Ion: 78 Resp: 453181





#34

Trichloroethene

Concen: 24.150 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

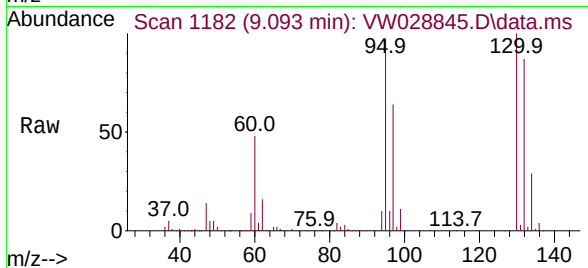
Lab File: VW028845.D

Acq: 28 May 2024 20:43

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 113927

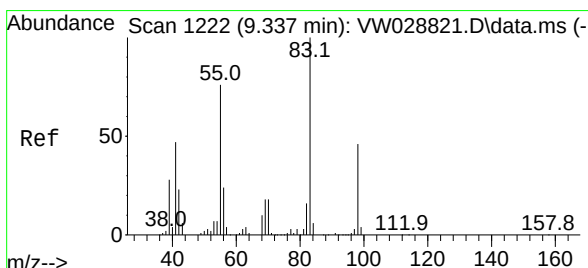
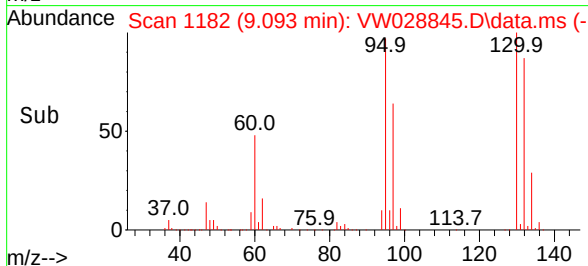
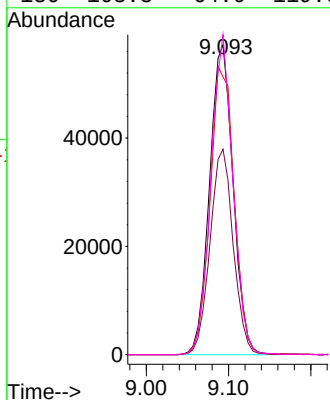
Ion Ratio Lower Upper

95 100

97 66.3 44.9 83.3

132 89.6 59.7 110.9

130 103.3 64.0 119.0



#35

Methylcyclohexane

Concen: 21.313 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

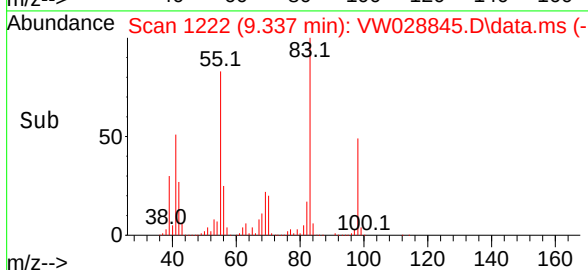
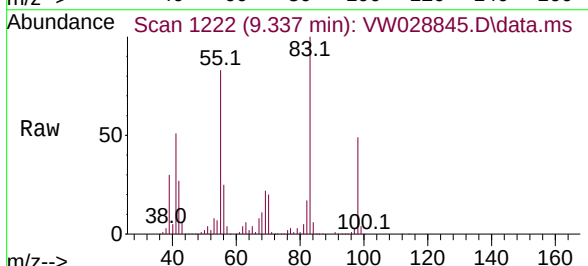
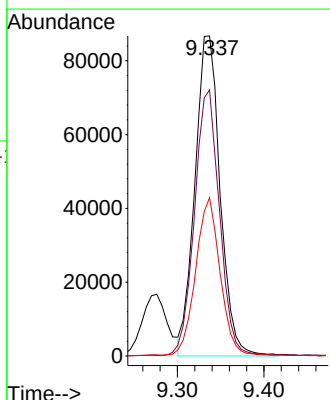
Tgt Ion: 83 Resp: 175705

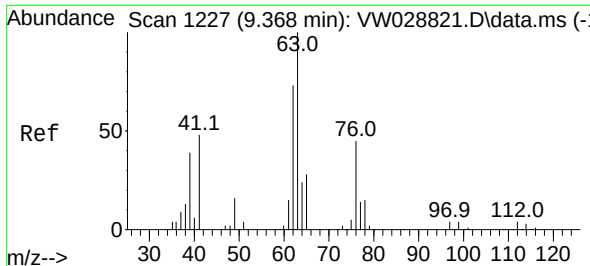
Ion Ratio Lower Upper

83 100

55 82.1 66.9 100.3

98 48.2 37.9 56.9





#37

1,2-Dichloropropane

Concen: 26.757 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

Instrument :

MSVOA_W

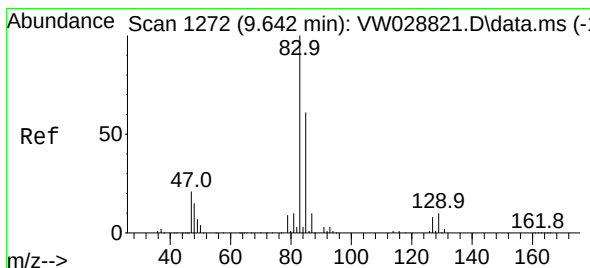
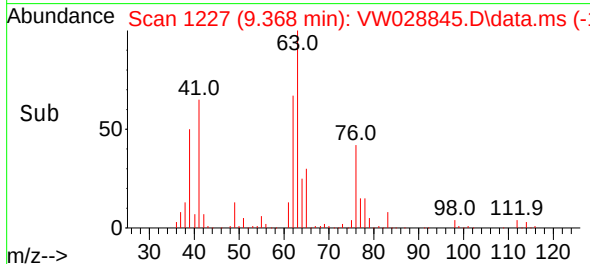
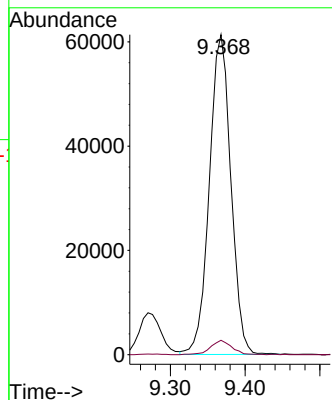
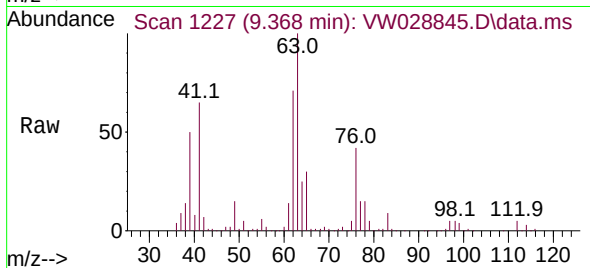
ClientSampleId :

Tgt Ion: 63 Resp: 122674

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 27.009 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

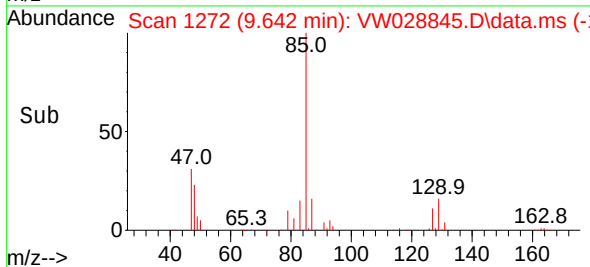
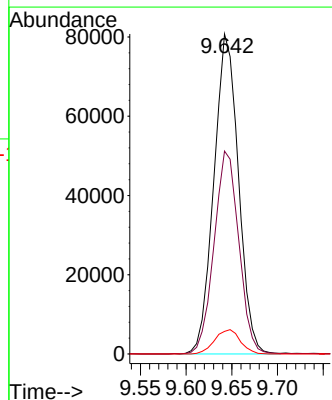
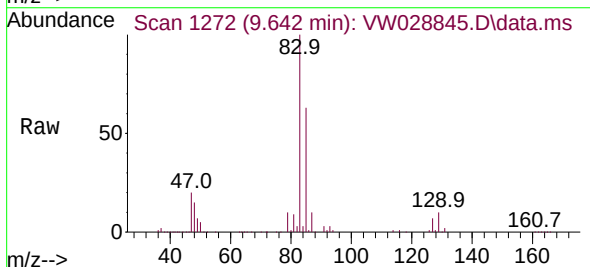
Tgt Ion: 83 Resp: 150951

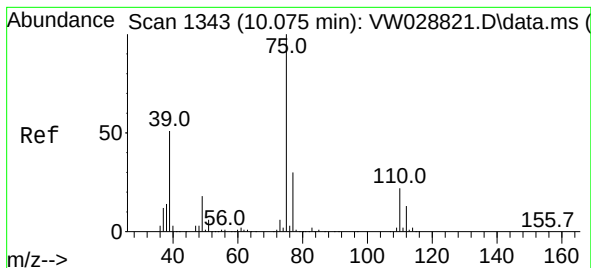
Ion Ratio Lower Upper

83 100

85 63.4 43.0 80.0

127 7.1 5.9 8.9

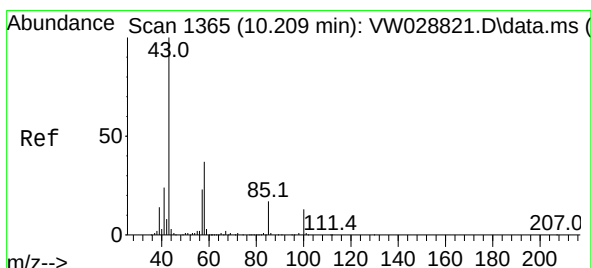
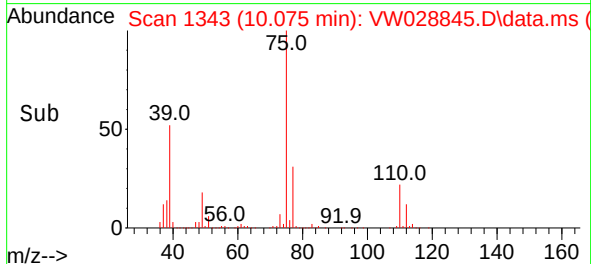
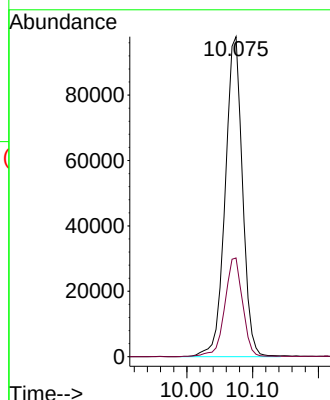
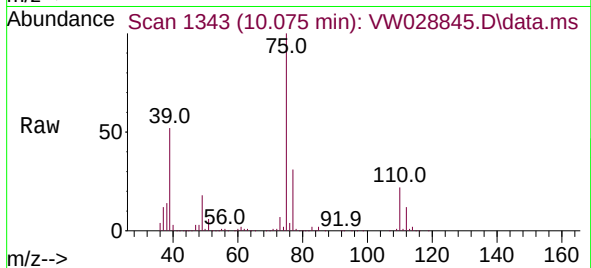




#39
cis-1,3-Dichloropropene
Concen: 27.282 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

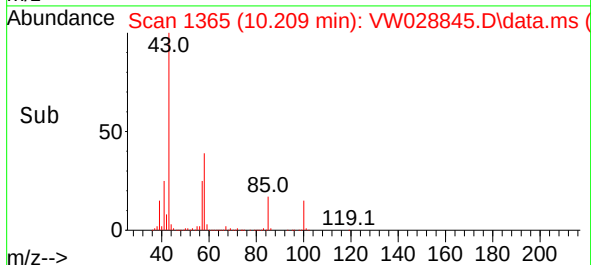
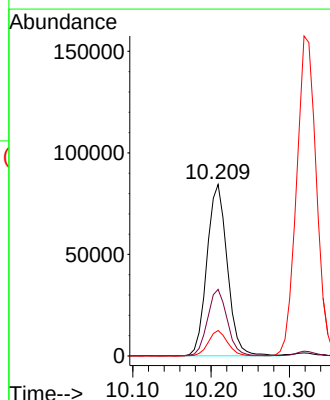
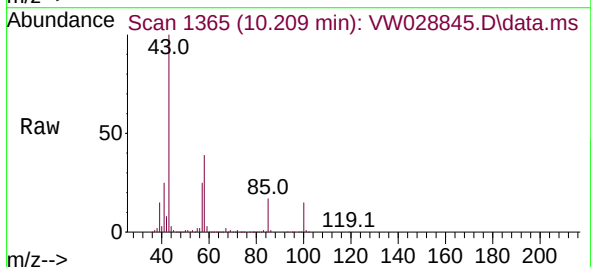
Instrument :
MSVOA_W
ClientSampleId :

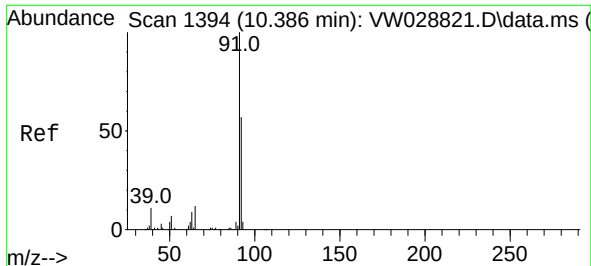
Tgt Ion: 75 Resp: 179279
Ion Ratio Lower Upper
75 100
77 30.8 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 48.766 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

Tgt Ion: 43 Resp: 152170
Ion Ratio Lower Upper
43 100
58 37.7 29.2 43.8
100 14.1 11.0 16.4

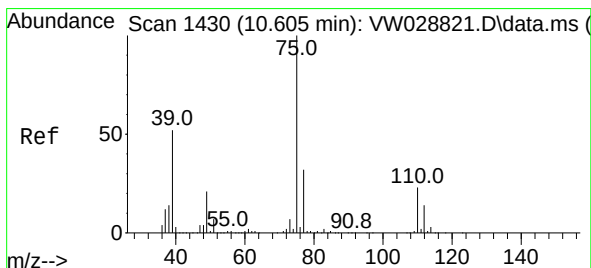
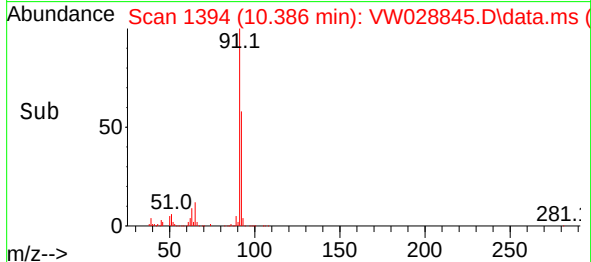
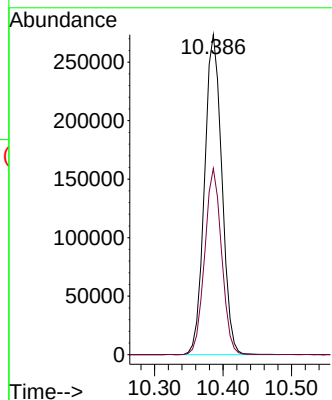
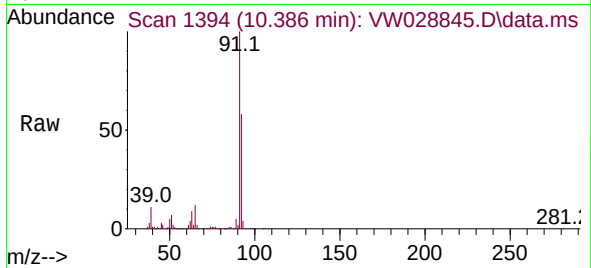




#42
Toluene
Concen: 26.488 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

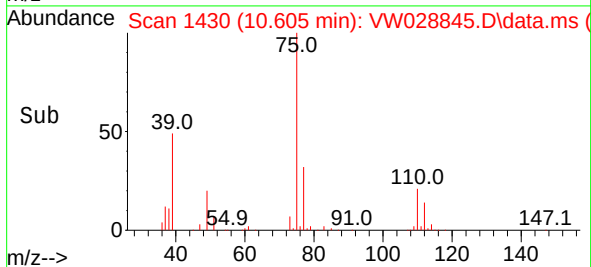
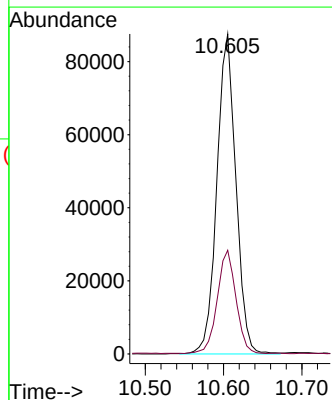
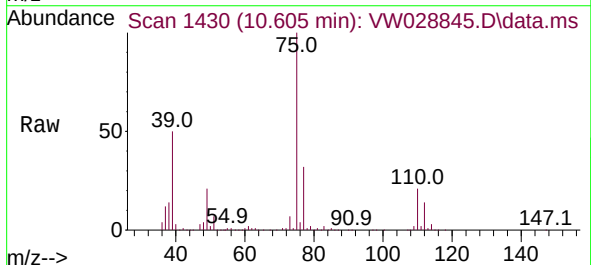
Instrument :
MSVOA_W
ClientSampleId :

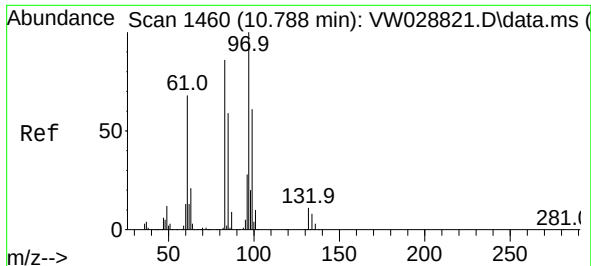
Tgt Ion: 91 Resp: 481369
Ion Ratio Lower Upper
91 100
92 58.2 42.5 78.9



#44
trans-1,3-Dichloropropene
Concen: 26.695 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

Tgt Ion: 75 Resp: 147905
Ion Ratio Lower Upper
75 100
77 32.4 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 26.582 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

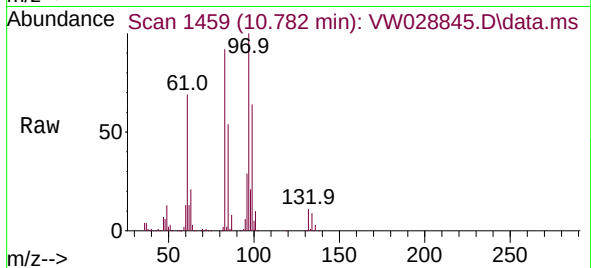
Lab File: VW028845.D

Acq: 28 May 2024 20:43

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 88285

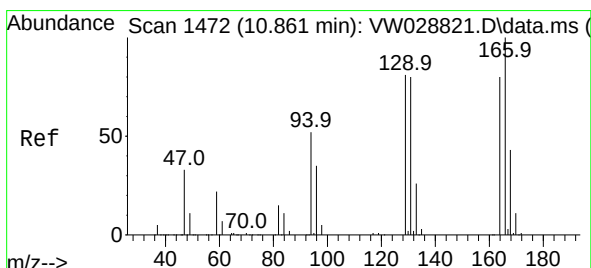
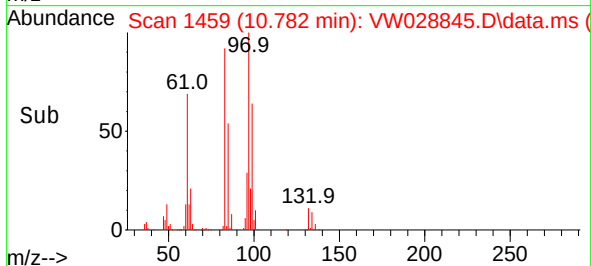
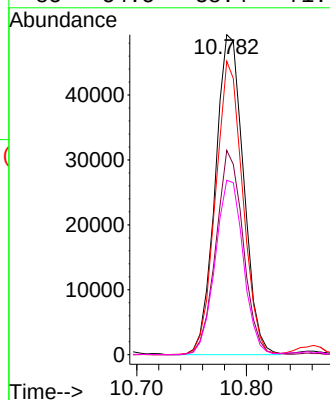
Ion Ratio Lower Upper

97 100

99 63.9 41.9 77.9

83 91.7 62.1 115.3

85 54.5 38.4 71.4



#46

Tetrachloroethene

Concen: 23.896 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

Tgt Ion:164 Resp: 81217

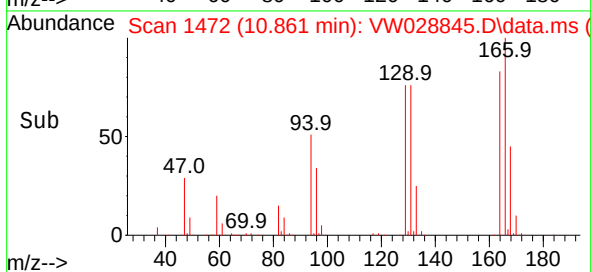
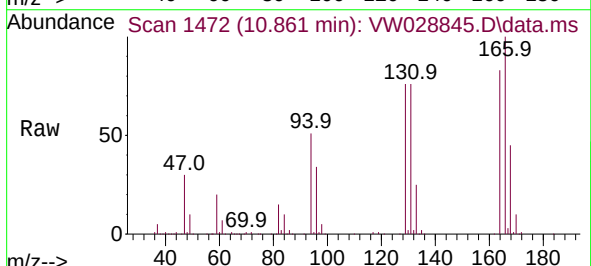
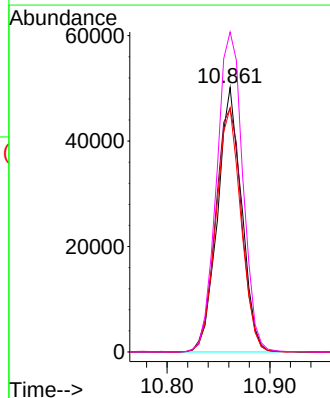
Ion Ratio Lower Upper

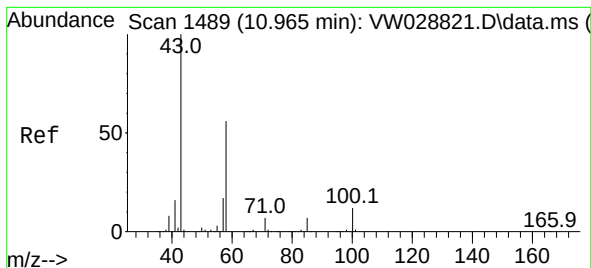
164 100

129 92.1 69.2 128.6

131 92.2 67.7 125.7

166 121.0 89.7 166.7





#48

2-Hexanone

Concen: 49.194 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

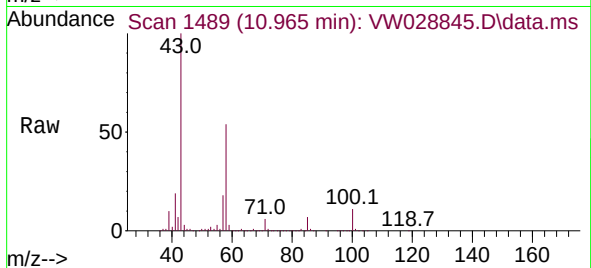
Lab File: VW028845.D

Acq: 28 May 2024 20:43

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 108373

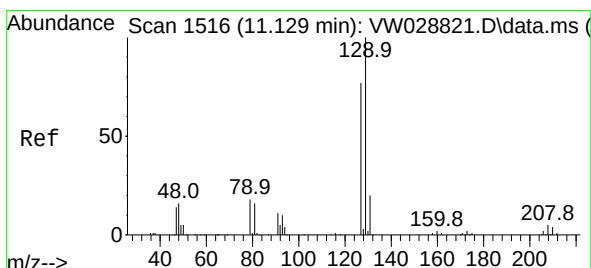
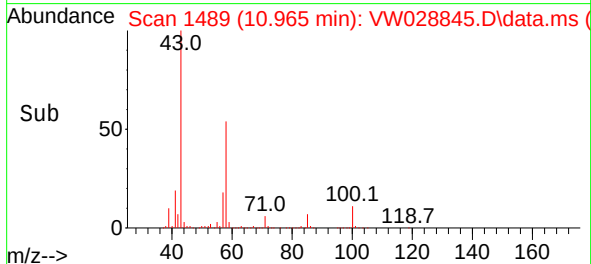
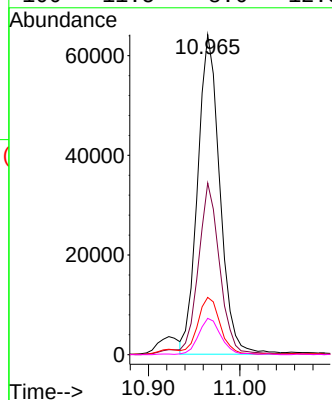
Ion Ratio Lower Upper

43 100

58 51.2 41.0 61.4

57 18.3 14.8 22.2

100 11.5 8.6 12.8



#49

Dibromochloromethane

Concen: 27.451 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW028845.D

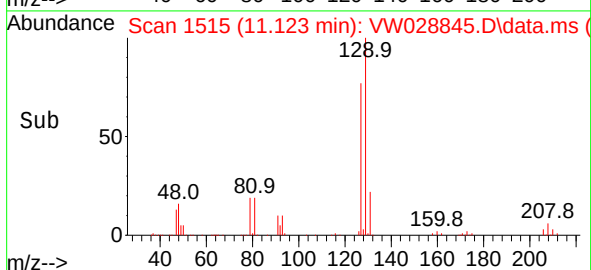
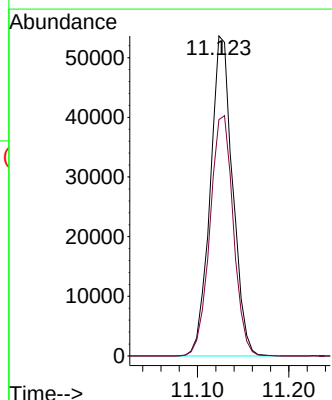
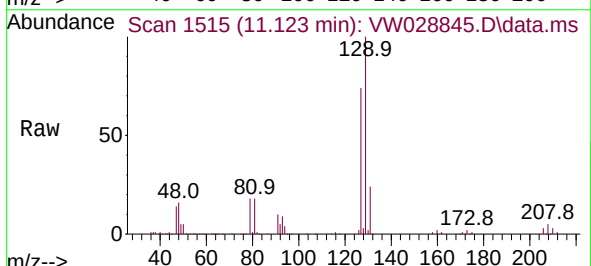
Acq: 28 May 2024 20:43

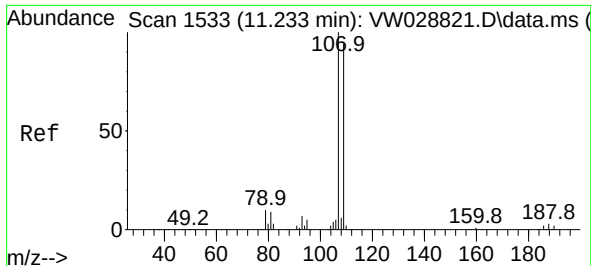
Tgt Ion: 129 Resp: 91449

Ion Ratio Lower Upper

129 100

127 73.9 54.3 100.8





#50

1,2-Dibromoethane

Concen: 25.286 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

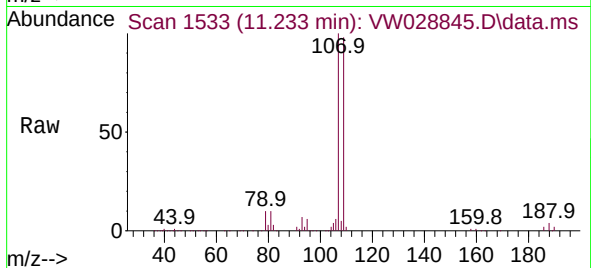
Lab File: VW028845.D

Acq: 28 May 2024 20:43

Instrument :

MSVOA_W

ClientSampleId :



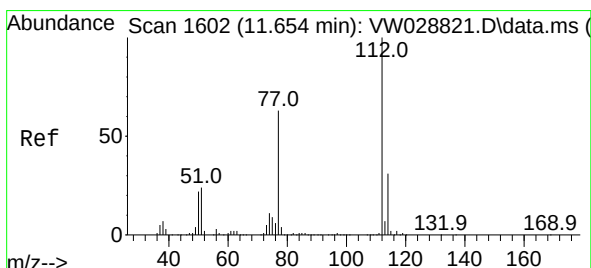
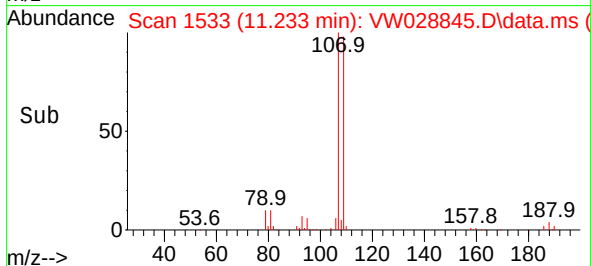
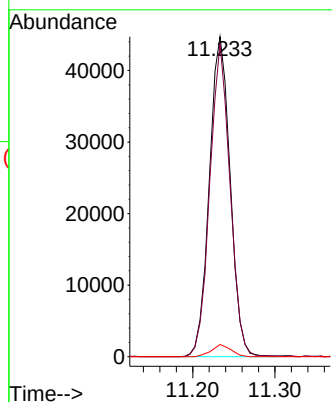
Tgt Ion:107 Resp: 78670

Ion Ratio Lower Upper

107 100

109 97.8 64.2 119.2

188 3.8 3.1 4.7



#51

Chlorobenzene

Concen: 27.136 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

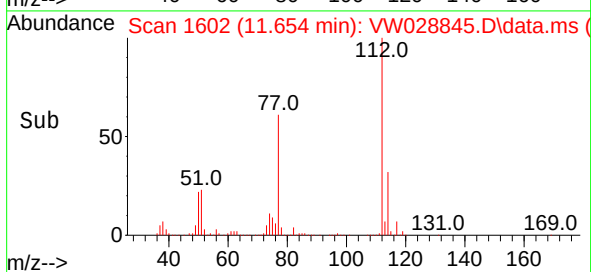
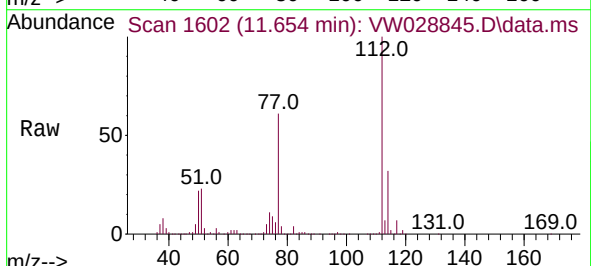
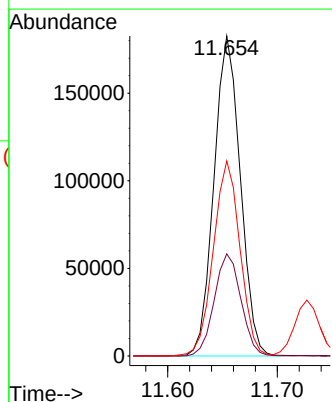
Tgt Ion:112 Resp: 305037

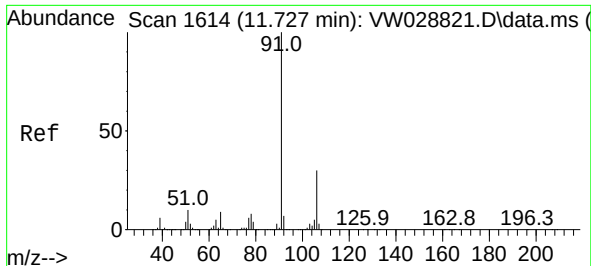
Ion Ratio Lower Upper

112 100

114 31.9 22.2 41.2

77 60.9 50.8 76.2





#52

Ethylbenzene

Concen: 26.356 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

Instrument :

MSVOA_W

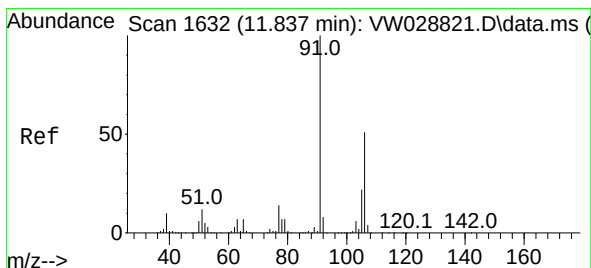
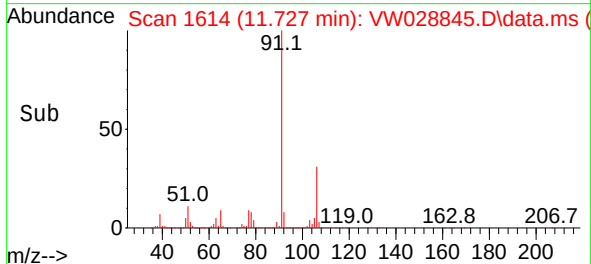
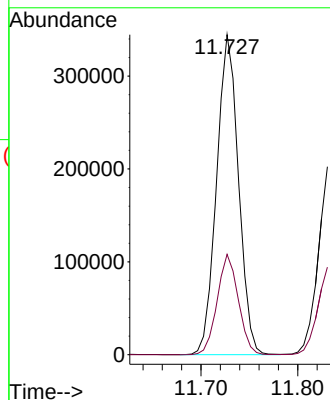
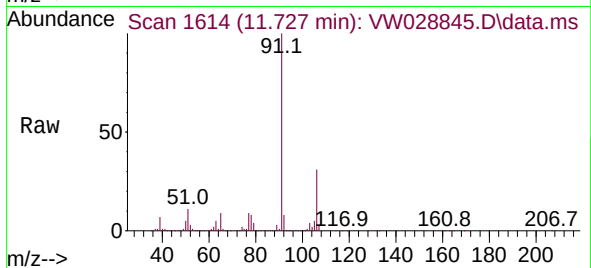
ClientSampleId :

Tgt Ion: 91 Resp: 542034

Ion Ratio Lower Upper

91 100

106 31.4 22.7 42.1



#53

m,p-Xylene

Concen: 27.157 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028845.D

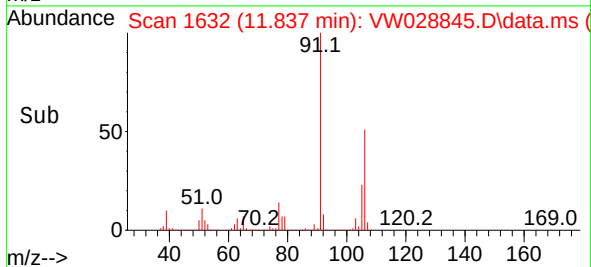
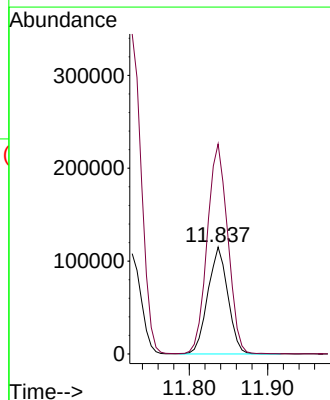
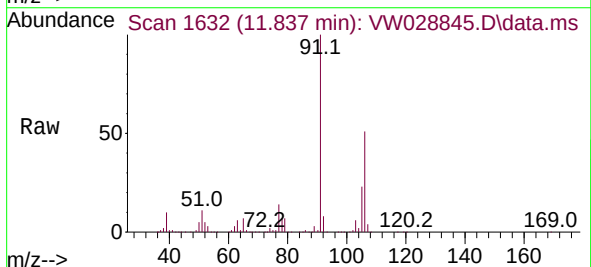
Acq: 28 May 2024 20:43

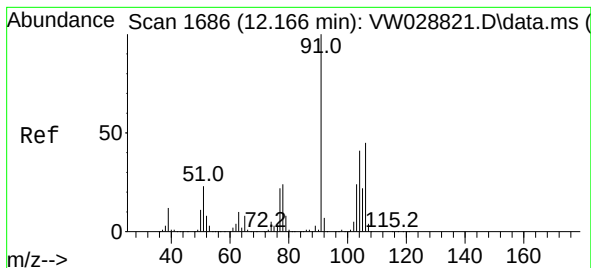
Tgt Ion:106 Resp: 204727

Ion Ratio Lower Upper

106 100

91 196.7 146.6 272.2

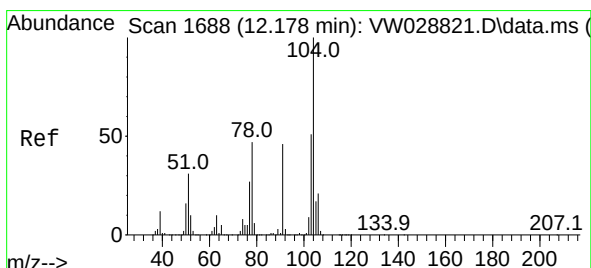
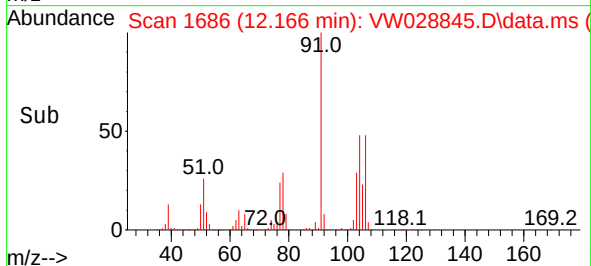
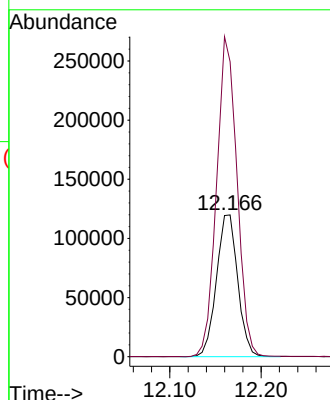
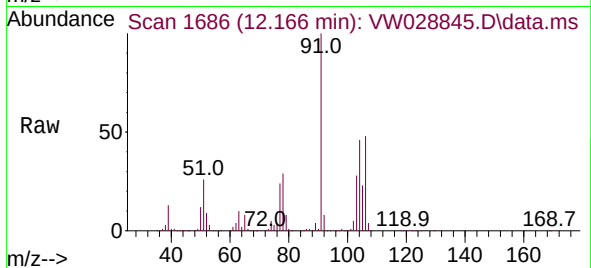




#54
o-Xylene
Concen: 27.811 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

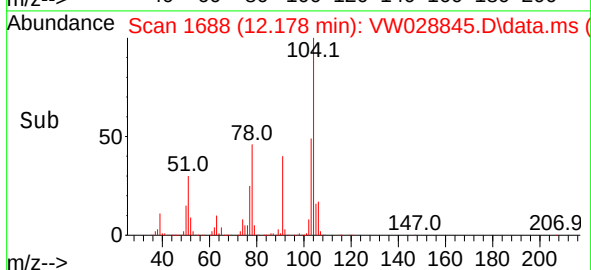
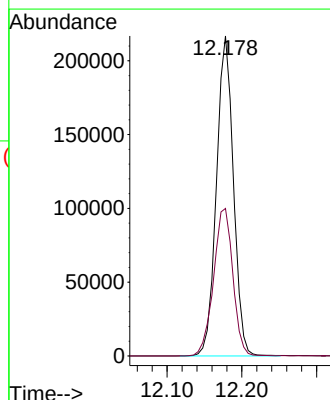
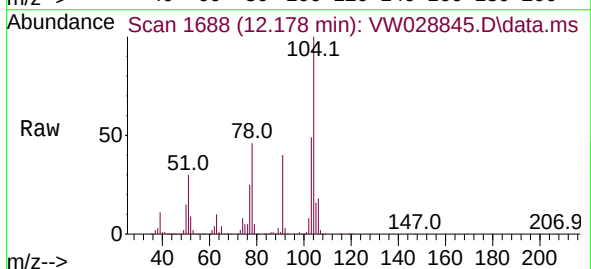
Instrument :
MSVOA_W
ClientSampleId :

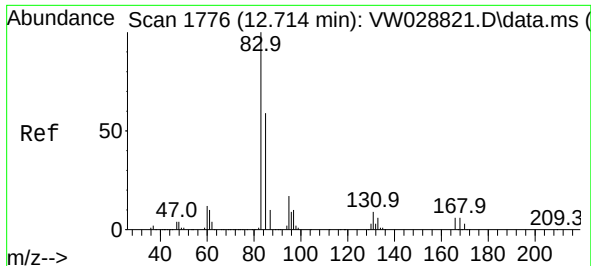
Tgt Ion:106 Resp: 193960
Ion Ratio Lower Upper
106 100
91 208.1 154.3 286.5



#55
Styrene
Concen: 28.913 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

Tgt Ion:104 Resp: 341672
Ion Ratio Lower Upper
104 100
78 46.1 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 25.412 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

Instrument :

MSVOA_W

ClientSampleId :

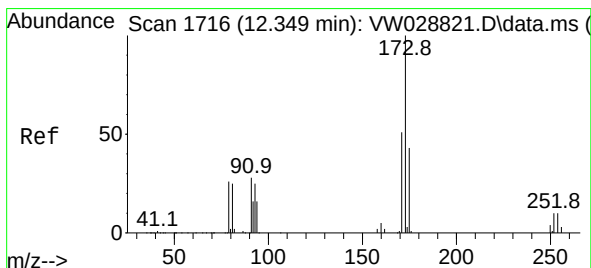
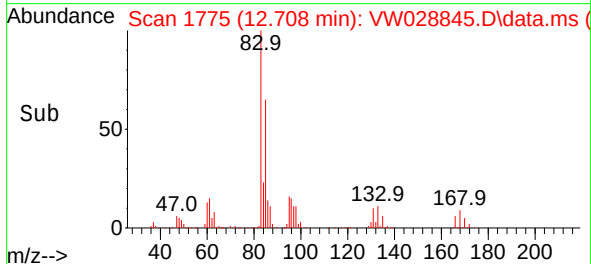
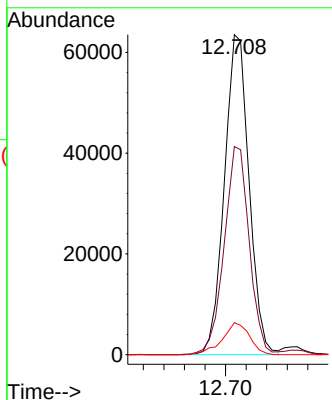
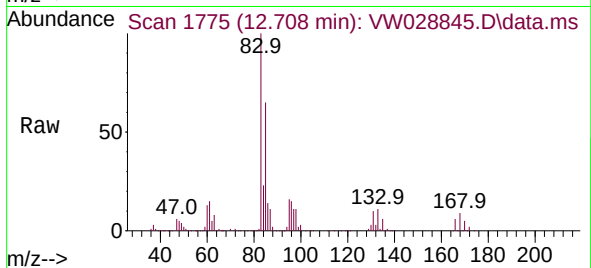
Tgt Ion: 83 Resp: 105890

Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.6

131 10.0 7.3 10.9



#59

Bromoform

Concen: 26.341 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

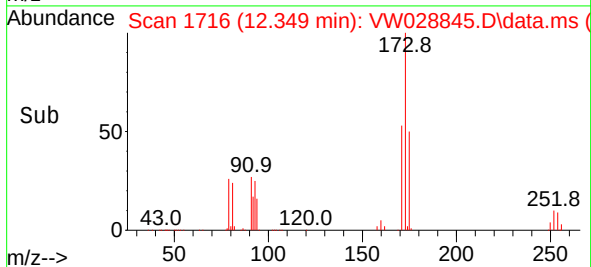
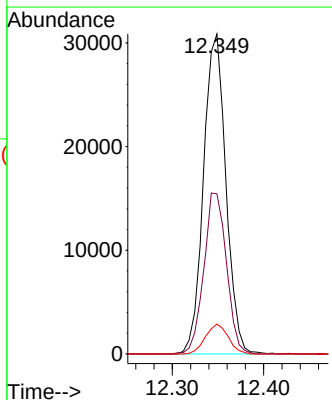
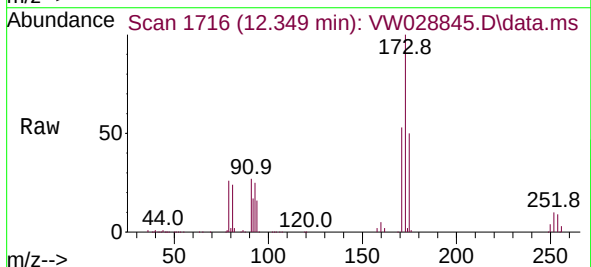
Tgt Ion:173 Resp: 52439

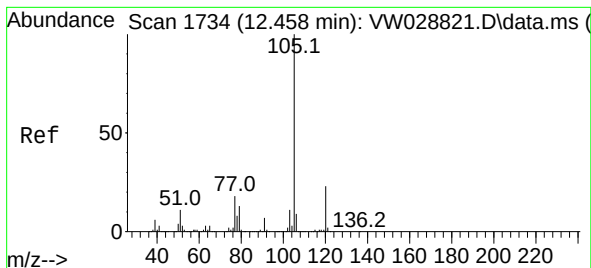
Ion Ratio Lower Upper

173 100

175 50.9 39.8 59.8

254 9.5 7.1 10.7





#60

Isopropylbenzene

Concen: 26.057 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

Instrument :

MSVOA_W

ClientSampleId :

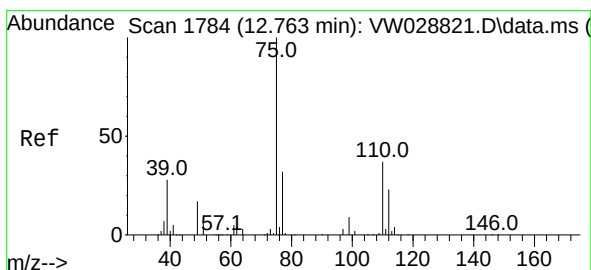
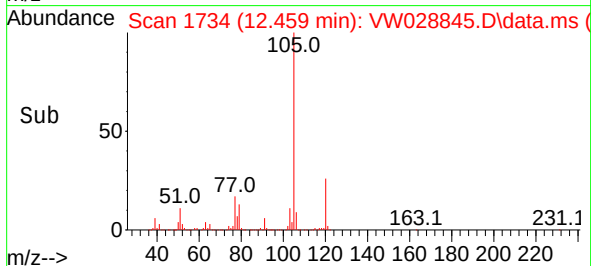
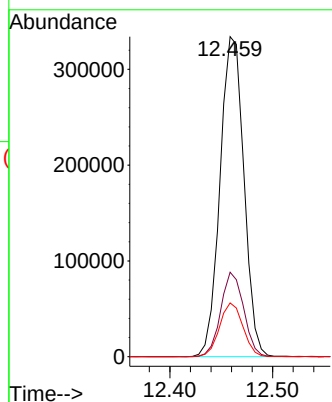
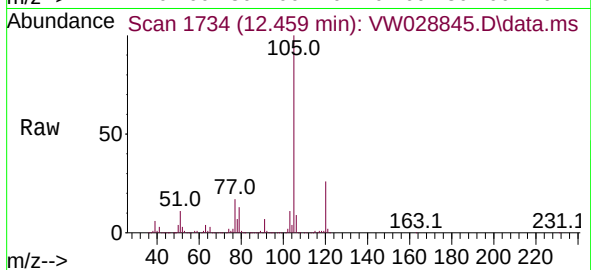
Tgt Ion:105 Resp: 539442

Ion Ratio Lower Upper

105 100

120 25.3 20.5 30.7

77 16.4 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 23.594 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

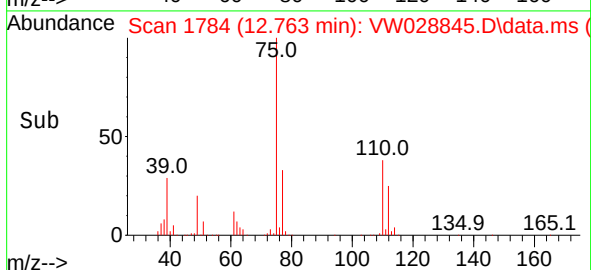
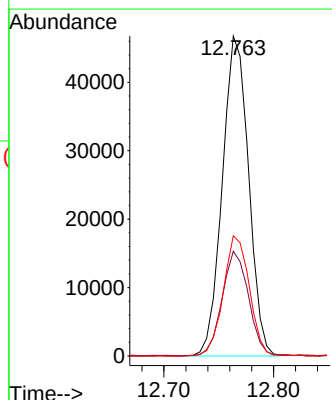
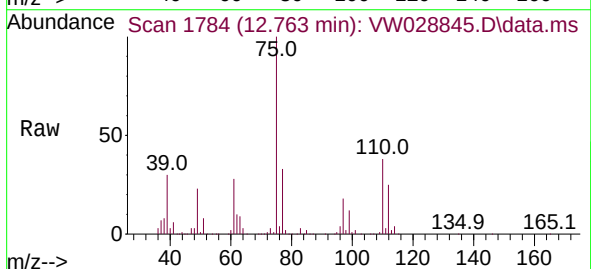
Tgt Ion: 75 Resp: 77807

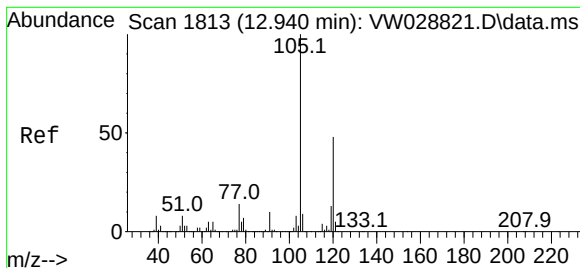
Ion Ratio Lower Upper

75 100

77 32.8 25.9 38.9

110 37.3 30.6 45.8





#62

1,3,5-Trimethylbenzene

Concen: 27.080 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

Instrument :

MSVOA_W

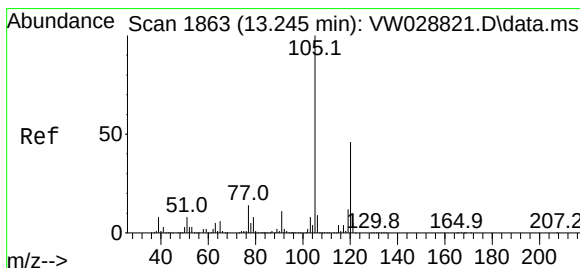
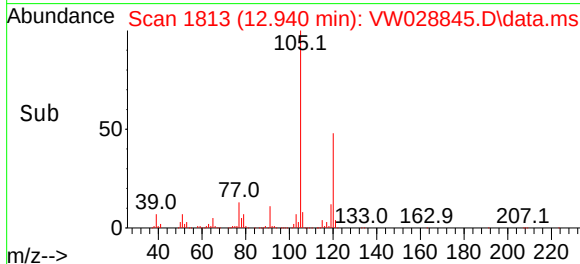
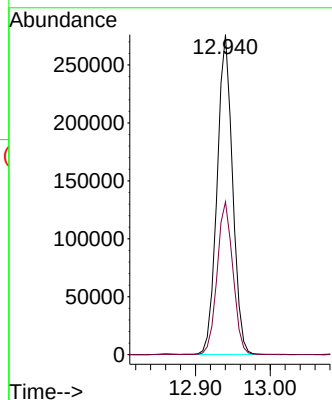
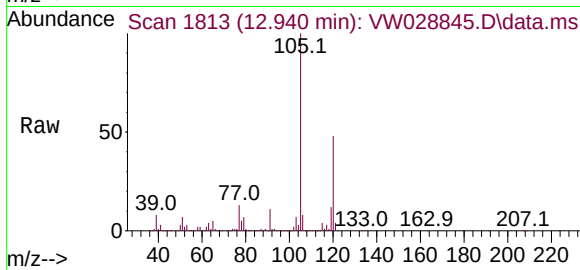
ClientSampleId :

Tgt Ion:105 Resp: 396648

Ion Ratio Lower Upper

105 100

120 48.9 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 26.269 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028845.D

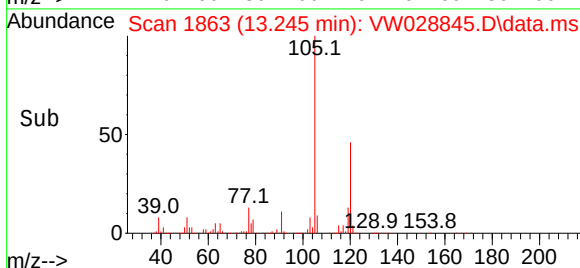
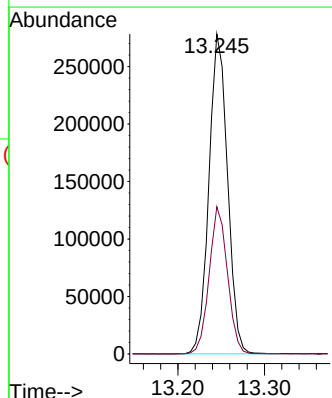
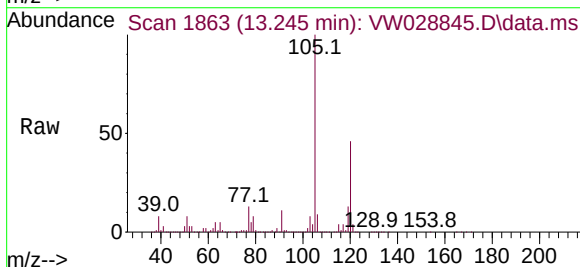
Acq: 28 May 2024 20:43

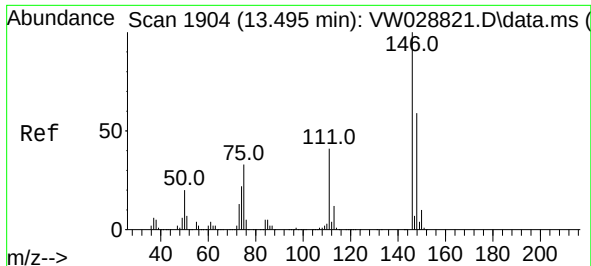
Tgt Ion:105 Resp: 414568

Ion Ratio Lower Upper

105 100

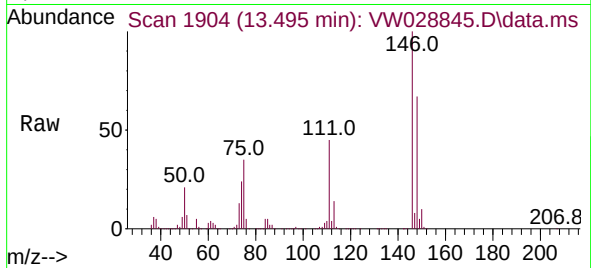
120 45.1 34.1 51.1



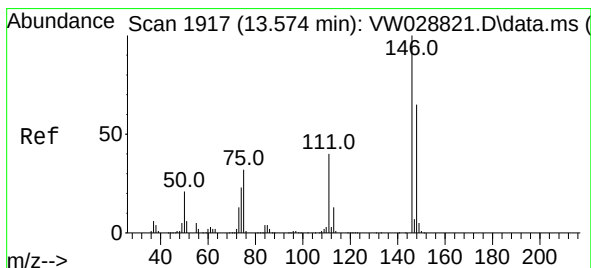
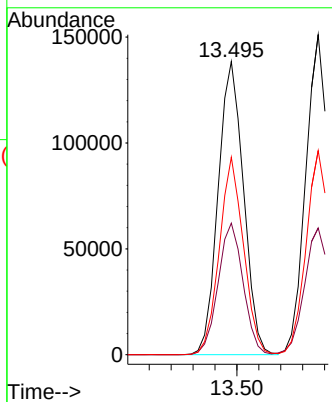
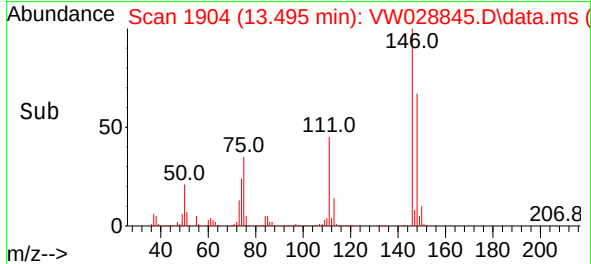


#64
1,3-Dichlorobenzene
Concen: 25.895 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

Instrument :
MSVOA_W
ClientSampleId :

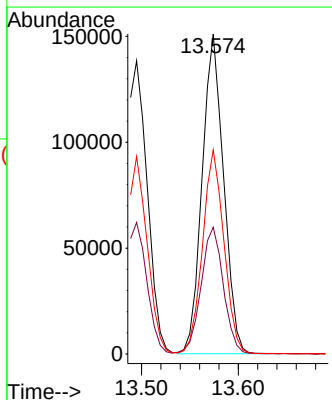
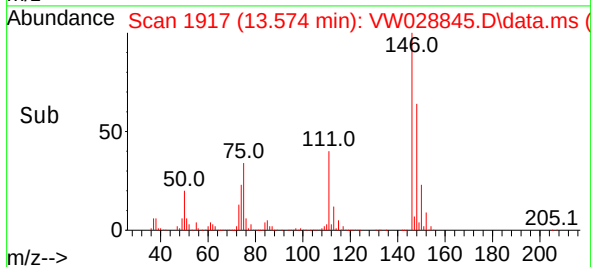
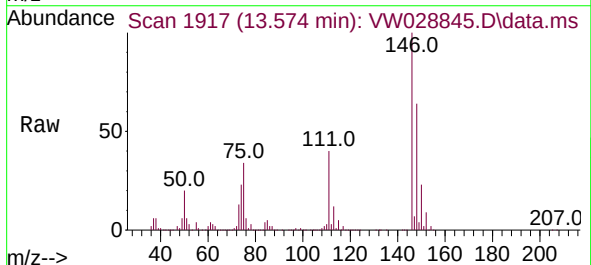


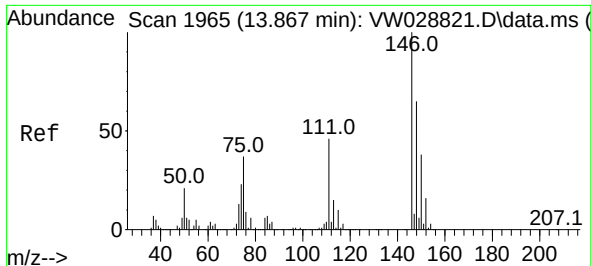
Tgt Ion:146 Resp: 223010
Ion Ratio Lower Upper
146 100
111 44.8 30.7 57.1
148 67.3 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 26.483 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

Tgt Ion:146 Resp: 233171
Ion Ratio Lower Upper
146 100
111 39.6 29.1 54.1
148 63.7 41.2 76.6

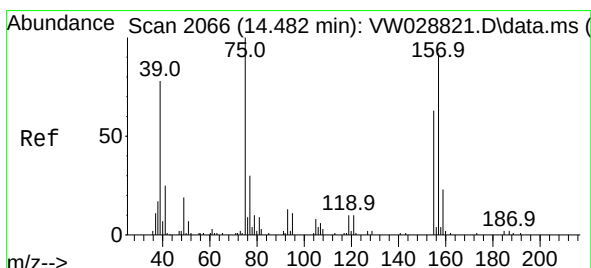
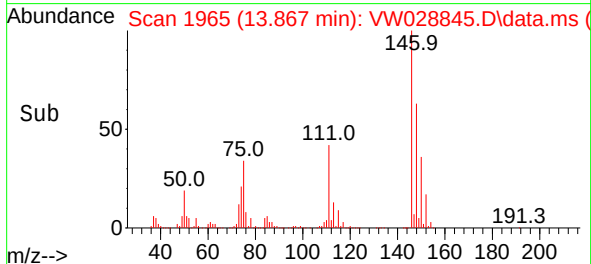
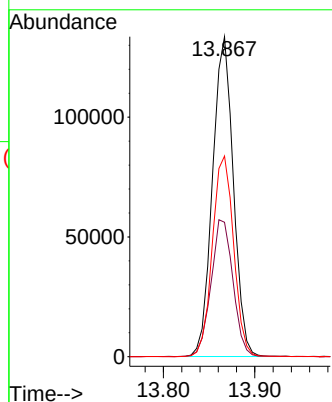
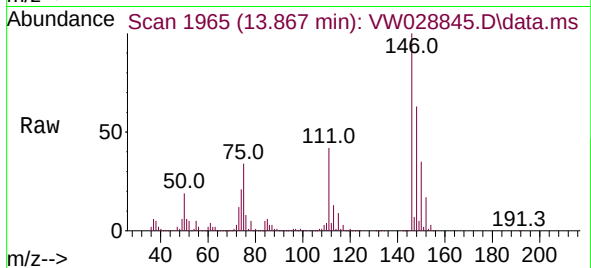




#67
1,2-Dichlorobenzene
Concen: 27.403 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

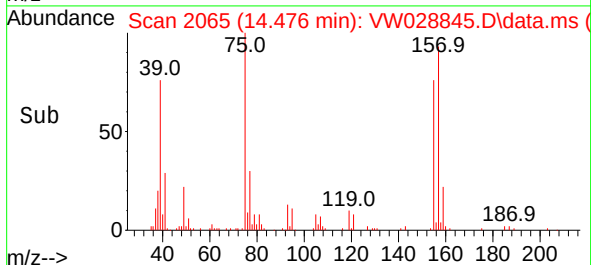
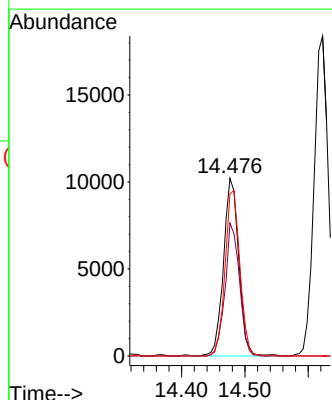
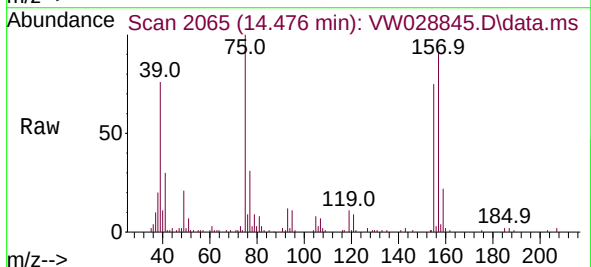
Instrument :
MSVOA_W
ClientSampleId :

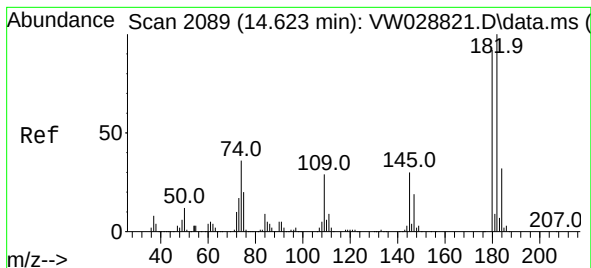
Tgt Ion:146 Resp: 211225
Ion Ratio Lower Upper
146 100
111 42.0 34.7 52.1
148 62.7 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 22.148 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

Tgt Ion: 75 Resp: 17077
Ion Ratio Lower Upper
75 100
155 74.8 55.1 82.7
157 91.2 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 24.198 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

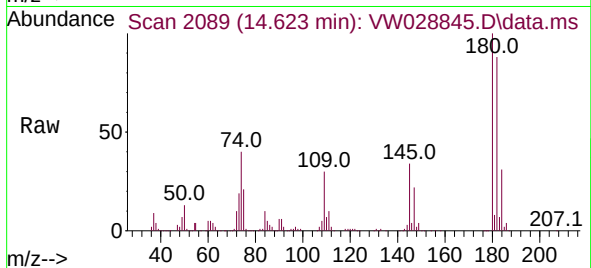
Lab File: VW028845.D

Acq: 28 May 2024 20:43

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 139839

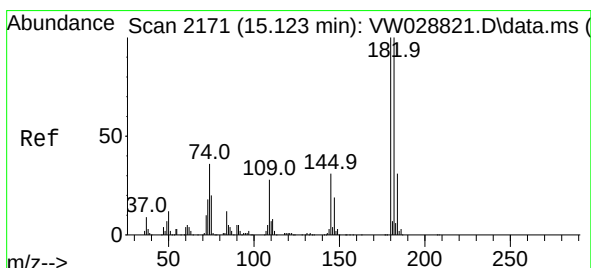
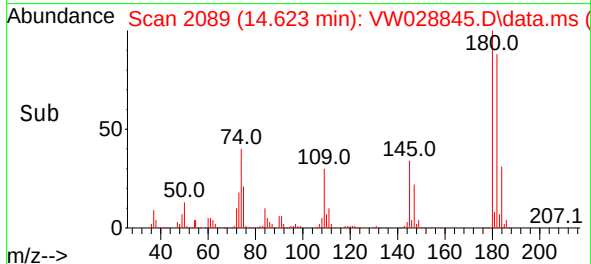
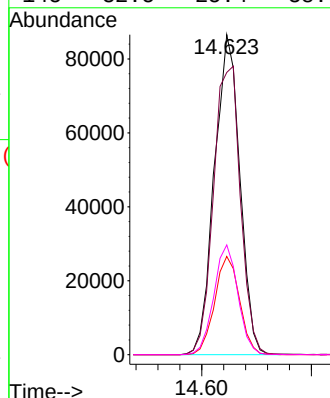
Ion Ratio Lower Upper

180 100

182 95.5 75.4 113.2

184 30.0 24.0 36.0

145 32.5 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 25.662 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW028845.D

Acq: 28 May 2024 20:43

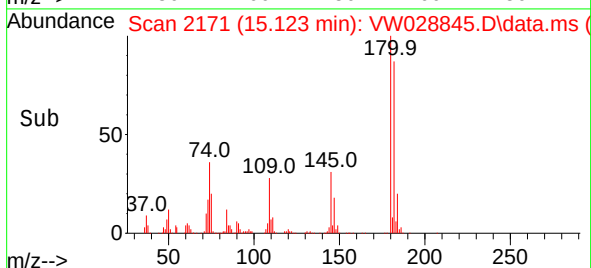
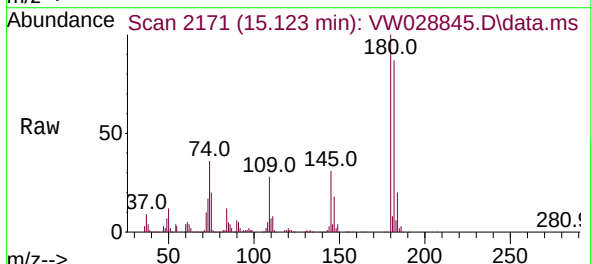
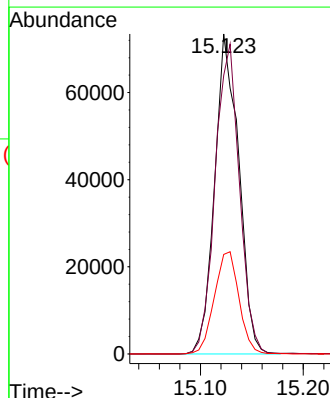
Tgt Ion:180 Resp: 119826

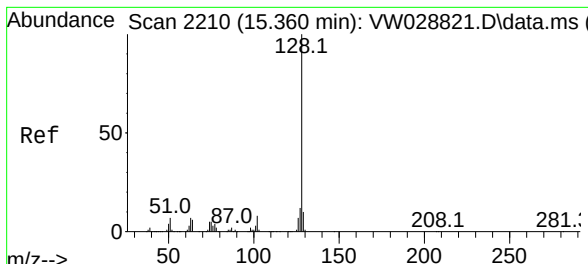
Ion Ratio Lower Upper

180 100

182 97.5 77.2 115.8

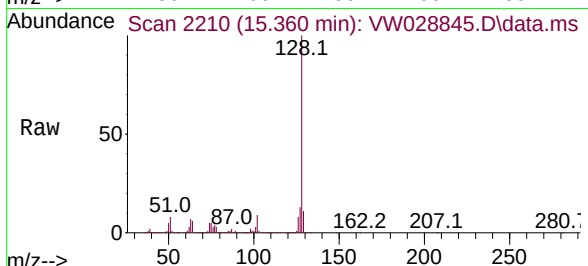
145 32.7 26.6 39.8



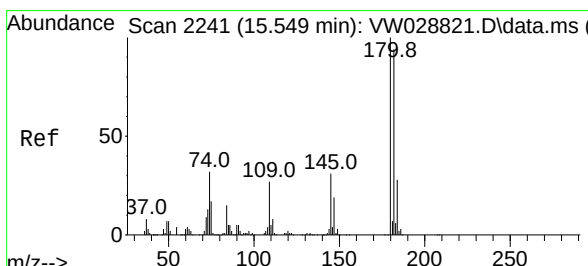
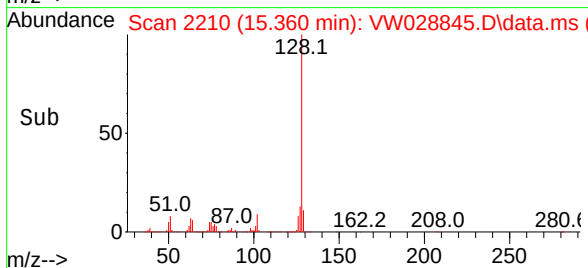
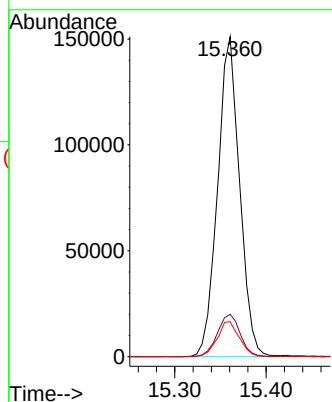


#71
Naphthalene
Concen: 25.414 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 252831
Ion Ratio Lower Upper
128 100
127 13.7 10.6 15.8
129 11.1 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 26.262 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW028845.D
Acq: 28 May 2024 20:43

Tgt Ion:180 Resp: 110654
Ion Ratio Lower Upper
180 100
182 94.4 76.1 114.1
145 33.7 28.3 42.5

