

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030045.D
 Acq On : 27 Aug 2024 15:33
 Operator : SY/MD
 Sample : P3675-20MS
 Misc : 5.60g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 01:15:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 28 01:11:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	296522	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	267777	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	125868	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	77597	17.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.360%
7) Chloroethane-d5	2.899	69	54424	17.378	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.520%
11) 1,1-Dichloroethene-d2	4.021	65	34674	18.392	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.560%
21) 2-Butanone-d5	7.088	46	50029	56.876	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.760%
24) Chloroform-d	7.648	84	152265	19.042	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.160%
26) 1,2-Dichloroethane-d4	8.307	65	85242	20.994	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.960%
32) Benzene-d6	8.276	84	304823	19.285	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.160%
36) 1,2-Dichloropropane-d6	9.270	67	94321	20.368	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.480%
41) Toluene-d8	10.319	98	276648	19.230	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.920%
43) trans-1,3-Dichloroprop...	10.575	79	39935	20.964	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.840%
47) 2-Hexanone-d5	10.922	63	45236	63.825	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86797	25.457	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.840%
66) 1,2-Dichlorobenzene-d4	13.849	152	86184	18.930	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	55841	16.374	ug/L #	83
3) Chloromethane	2.223	50	72276	18.230	ug/L	97
5) Vinyl chloride	2.375	62	83508	17.820	ug/L	95
6) Bromomethane	2.790	94	48432	16.631	ug/L	99
8) Chloroethane	2.936	64	46531	17.232	ug/L	98
9) Trichlorofluoromethane	3.265	101	72065	17.759	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	69497	17.901	ug/L	98
12) 1,1-Dichloroethene	4.045	96	66682	17.544	ug/L	94
13) Acetone	4.143	43	185047	230.001	ug/L	98
14) Carbon disulfide	4.399	76	222690	18.887	ug/L	97
15) Methyl Acetate	4.679	43	37523	23.921	ug/L	97
16) Methylene chloride	4.923	84	85207	17.395	ug/L	87
17) trans-1,2-Dichloroethene	5.429	96	75186	17.887	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	128901	20.052	ug/L	98
19) 1,1-Dichloroethane	6.222	63	143113	18.322	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	80797	17.391	ug/L	93
22) 2-Butanone	7.179	43	71073	61.734	ug/L	96
23) Bromochloromethane	7.514	128	35826	18.181	ug/L	90
25) Chloroform	7.673	83	142726	17.864	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030045.D
 Acq On : 27 Aug 2024 15:33
 Operator : SY/MD
 Sample : P3675-20MS
 Misc : 5.60g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 01:15:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 28 01:11:30 2024
 Response via : Initial Calibration

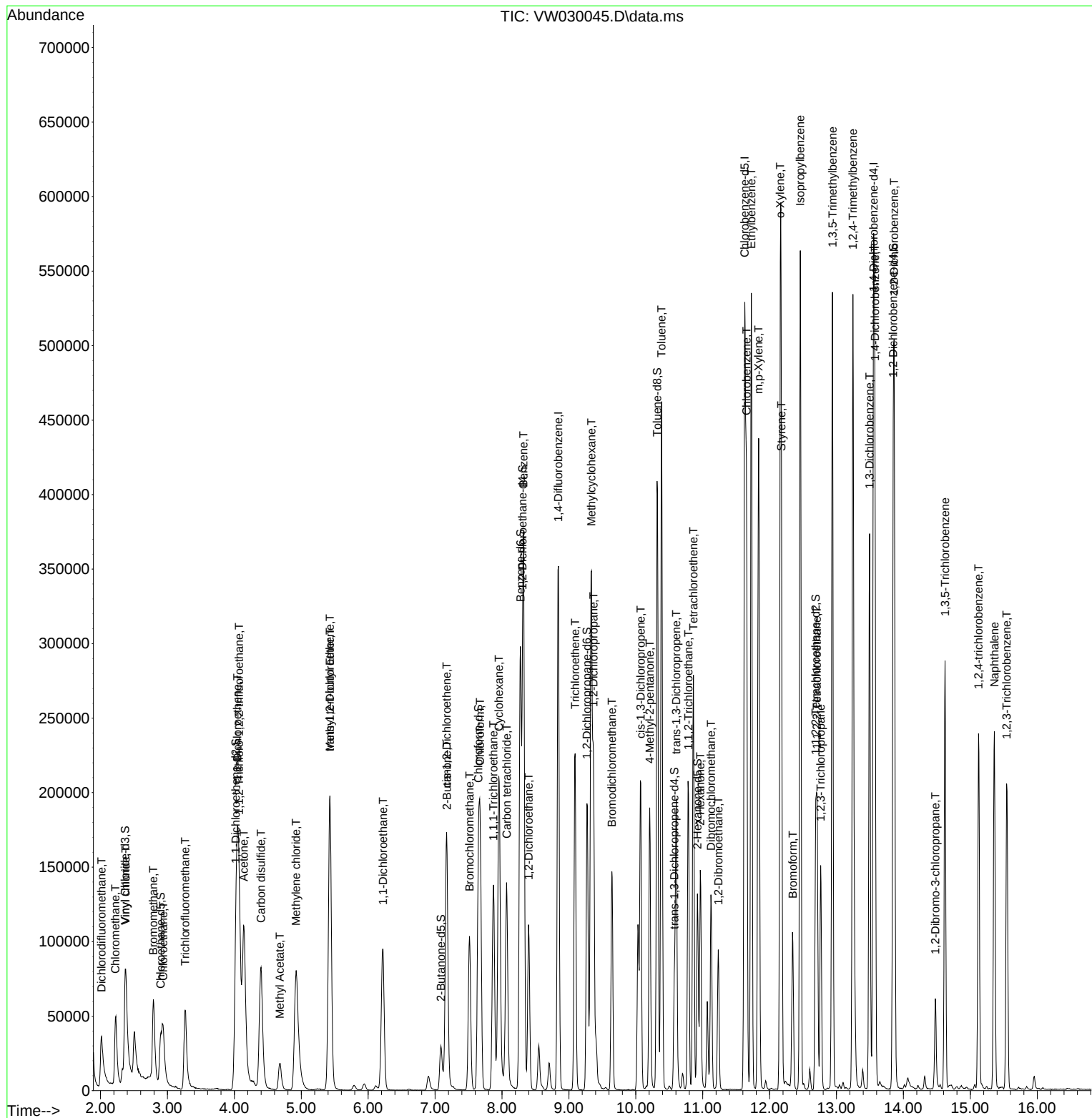
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	100358	19.623	ug/L	99
29) Cyclohexane	7.953	56	130866	20.240	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	113009	18.018	ug/L	99
31) Carbon tetrachloride	8.069	117	102960	18.272	ug/L	99
33) Benzene	8.319	78	315650	18.398	ug/L	100
34) Trichloroethene	9.093	95	82745	17.911	ug/L	97
35) Methylcyclohexane	9.337	83	141547	18.708	ug/L	95
37) 1,2-Dichloropropane	9.368	63	84023	19.340	ug/L	99
38) Bromodichloromethane	9.642	83	101898	18.589	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	126653	18.941	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	127518	58.965	ug/L	97
42) Toluene	10.386	91	335595	18.368	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	106387	19.661	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	62230	19.543	ug/L	93
46) Tetrachloroethene	10.861	164	59336	16.923	ug/L	90
48) 2-Hexanone	10.965	43	92091	59.901	ug/L	96
49) Dibromochloromethane	11.123	129	67103	19.833	ug/L	94
50) 1,2-Dibromoethane	11.233	107	63490	21.345	ug/L	97
51) Chlorobenzene	11.654	112	202387	17.324	ug/L	95
52) Ethylbenzene	11.727	91	371431	17.942	ug/L	97
53) m,p-Xylene	11.837	106	138032	17.867	ug/L	97
54) o-Xylene	12.160	106	128132	17.280	ug/L	93
55) Styrene	12.178	104	121630	9.790	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	86015	23.987	ug/L	99
59) Bromoform	12.349	173	40815	21.775	ug/L	96
60) Isopropylbenzene	12.459	105	358371	17.846	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	62923	24.586	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	277863	18.610	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	306184	19.455	ug/L	90
64) 1,3-Dichlorobenzene	13.495	146	142667	16.665	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	152376	17.620	ug/L	95
67) 1,2-Dichlorobenzene	13.861	146	136173	17.782	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	14623	26.692	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	79306	14.189	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	73158	15.124	ug/L	97
71) Naphthalene	15.360	128	203172	21.995	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	68351	16.098	ug/L	98

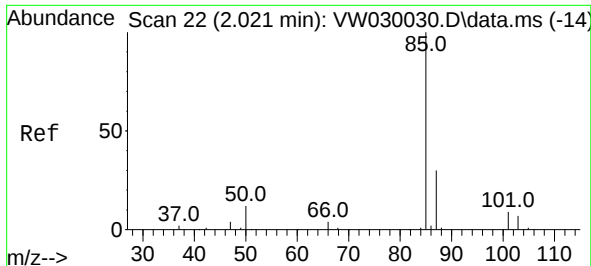
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030045.D
Acq On : 27 Aug 2024 15:33
Operator : SY/MD
Sample : P3675-20MS
Misc : 5.60g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 28 01:15:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 28 01:11:30 2024
Response via : Initial Calibration

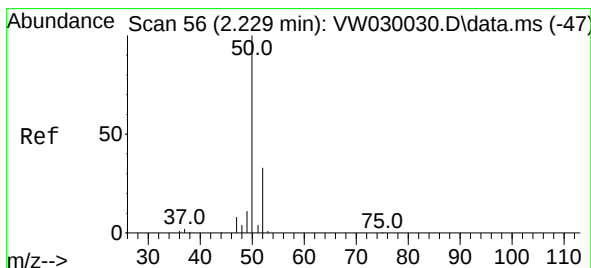
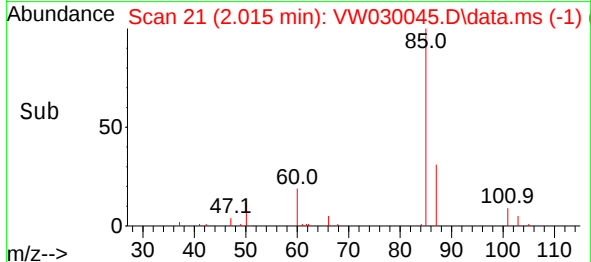
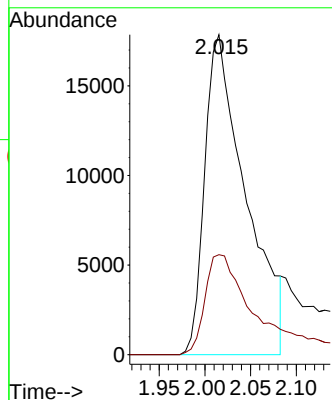
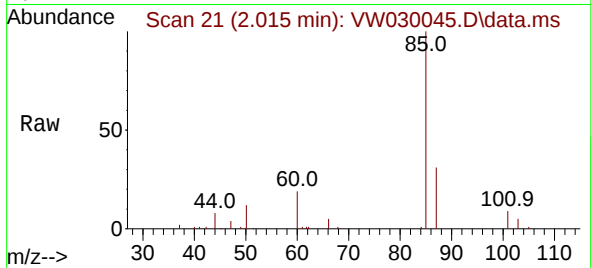




#2
 Dichlorodifluoromethane
 Concen: 16.374 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW030045.D
 Acq: 27 Aug 2024 15:33

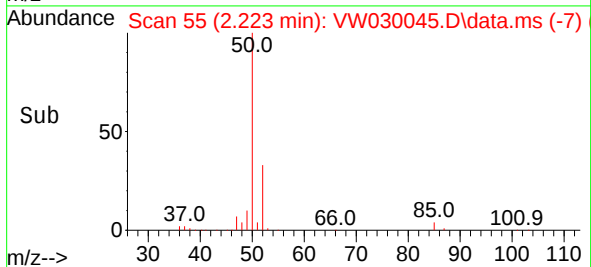
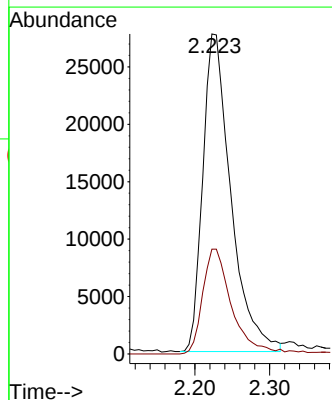
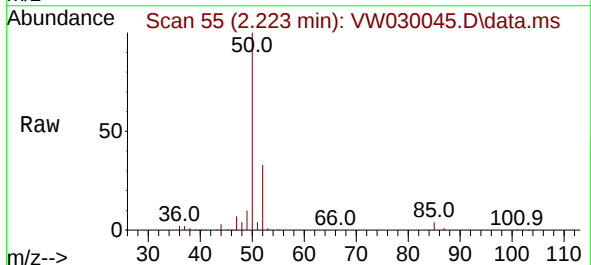
Instrument :
 MSVOA_W
 ClientSampleId :

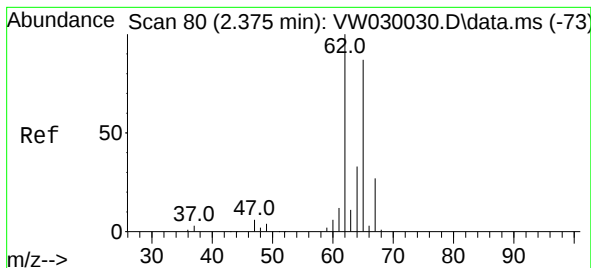
Tgt Ion: 85 Resp: 55841
 Ion Ratio Lower Upper
 85 100
 87 39.3 24.2 36.2#



#3
 Chloromethane
 Concen: 18.230 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW030045.D
 Acq: 27 Aug 2024 15:33

Tgt Ion: 50 Resp: 72276
 Ion Ratio Lower Upper
 50 100
 52 32.8 21.6 40.2





#5

Vinyl chloride

Concen: 17.820 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

Instrument :

MSVOA_W

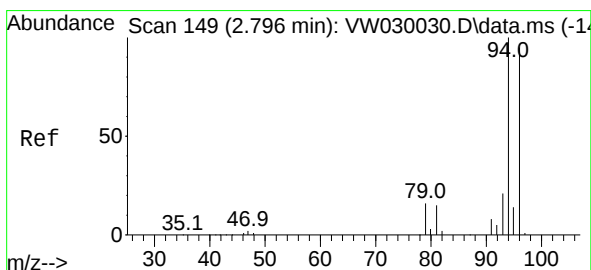
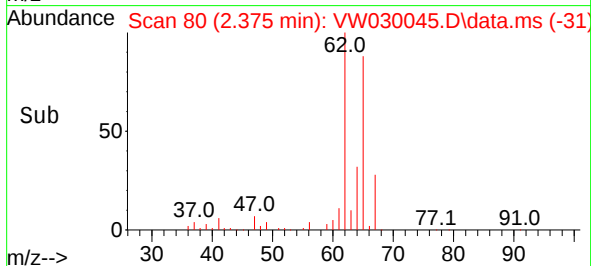
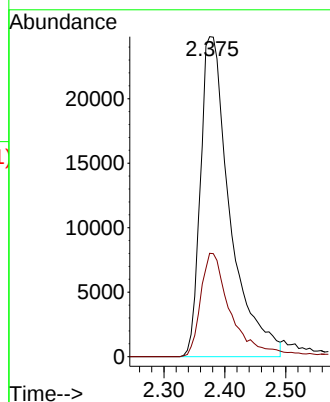
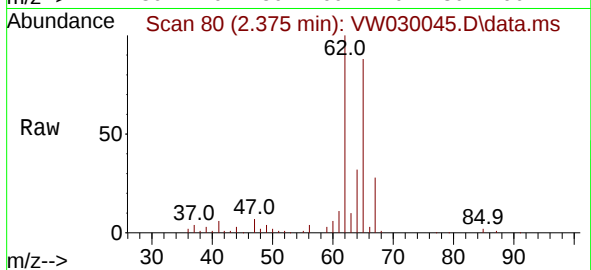
ClientSampleId :

Tgt Ion: 62 Resp: 83508

Ion Ratio Lower Upper

62 100

64 32.3 24.4 45.4



#6

Bromomethane

Concen: 16.631 ug/L

RT: 2.790 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW030045.D

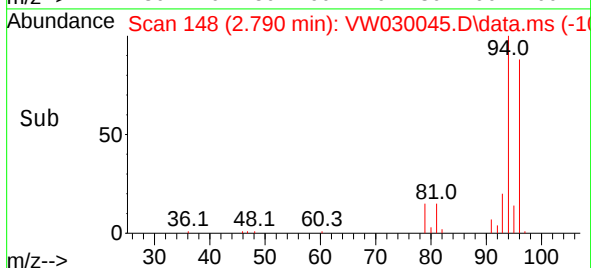
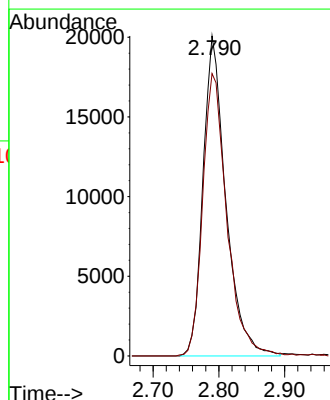
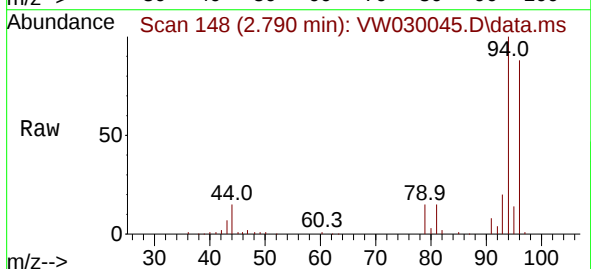
Acq: 27 Aug 2024 15:33

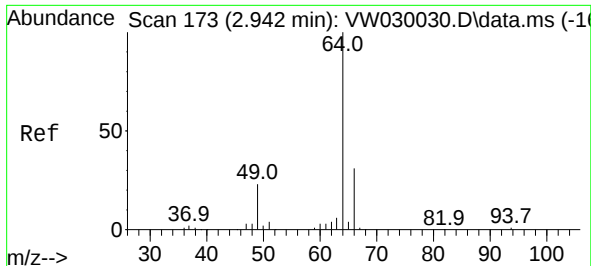
Tgt Ion: 94 Resp: 48432

Ion Ratio Lower Upper

94 100

96 88.2 62.4 115.8

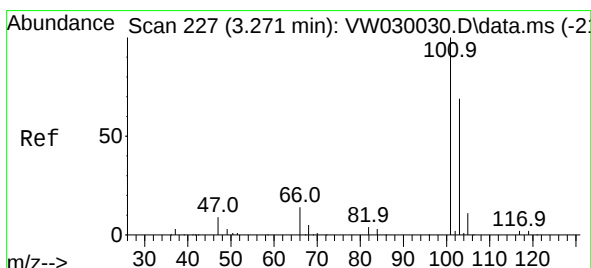
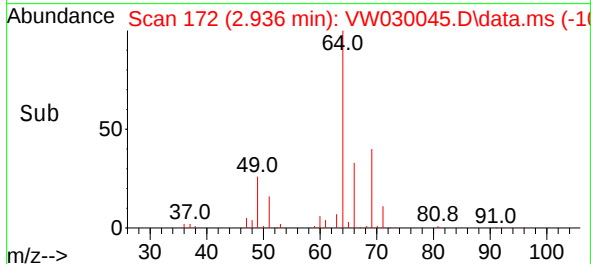
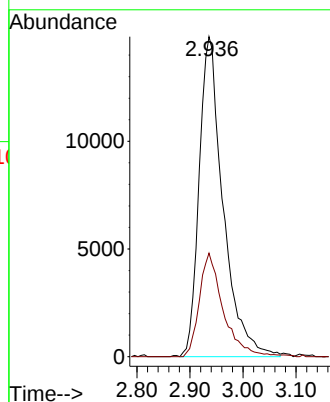
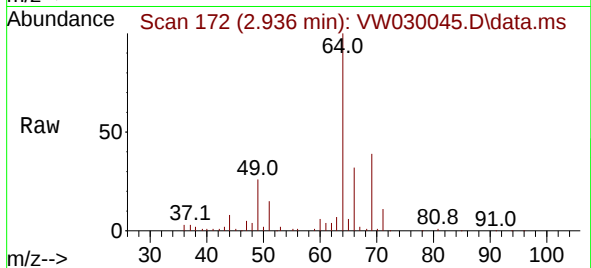




#8
Chloroethane
Concen: 17.232 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

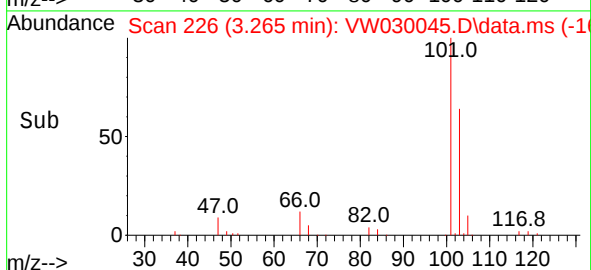
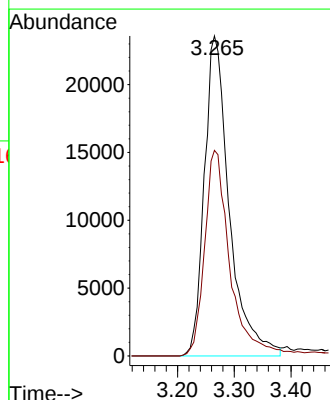
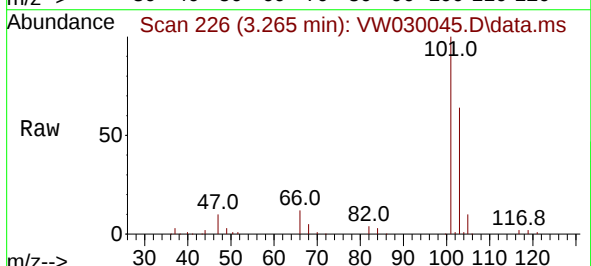
Instrument :
MSVOA_W
ClientSampleId :

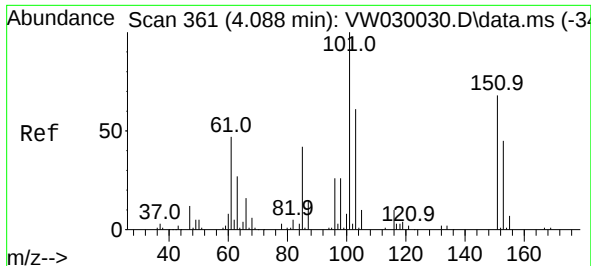
Tgt Ion: 64 Resp: 46531
Ion Ratio Lower Upper
64 100
66 32.3 21.7 40.3



#9
Trichlorofluoromethane
Concen: 17.759 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

Tgt Ion:101 Resp: 72065
Ion Ratio Lower Upper
101 100
103 64.5 50.7 76.1





#10

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

Concen: 17.901 ug/L

RT: 4.070 min Scan# 3

Delta R.T. -0.018 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

Instrument :

MSVOA_W

ClientSampleId :

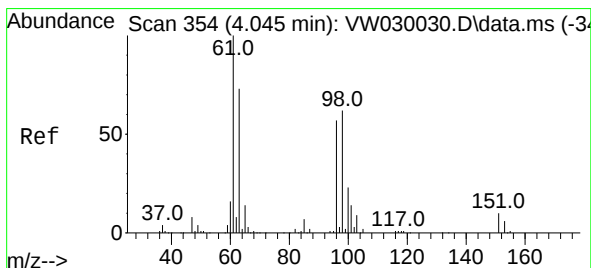
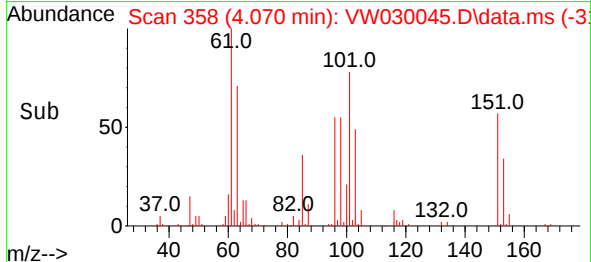
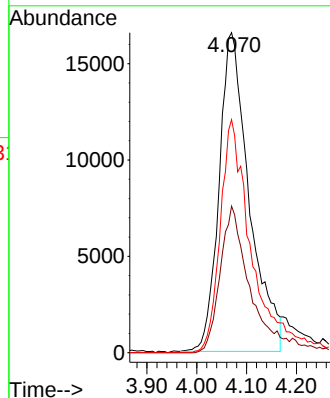
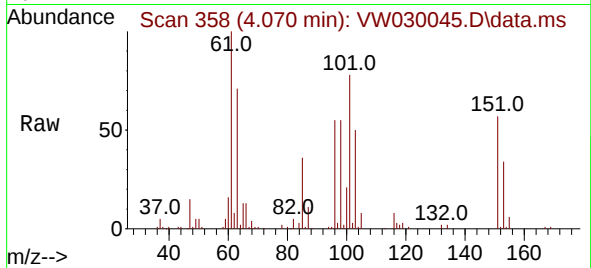
Tgt Ion:101 Resp: 69497

Ion Ratio Lower Upper

101 100

85 42.5 34.7 52.1

151 70.6 54.8 82.2



#12

1,1-Dichloroethene

Concen: 17.544 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

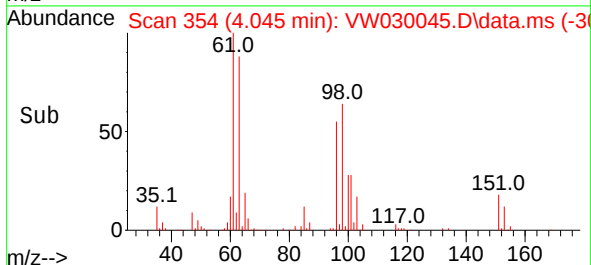
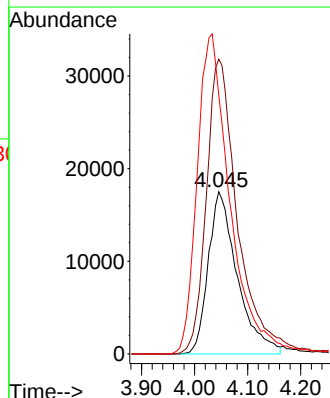
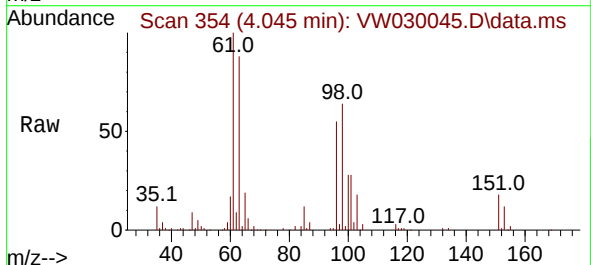
Tgt Ion: 96 Resp: 66682

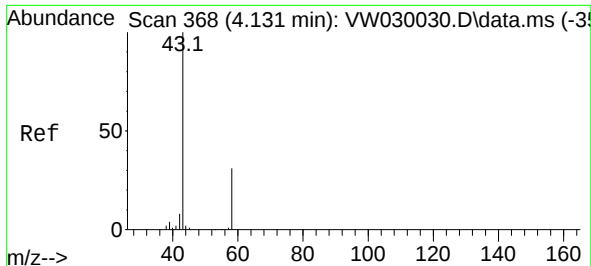
Ion Ratio Lower Upper

96 100

61 181.7 126.0 234.0

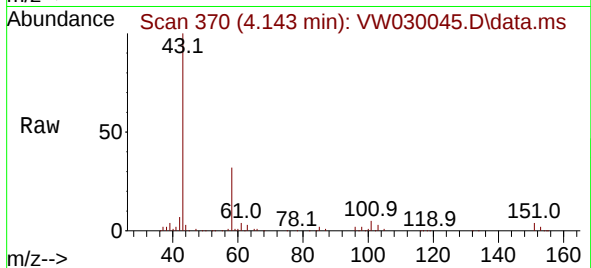
63 159.6 101.8 189.2



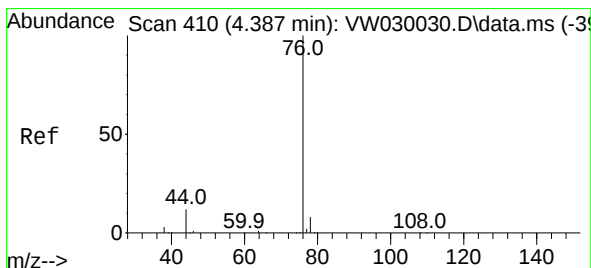
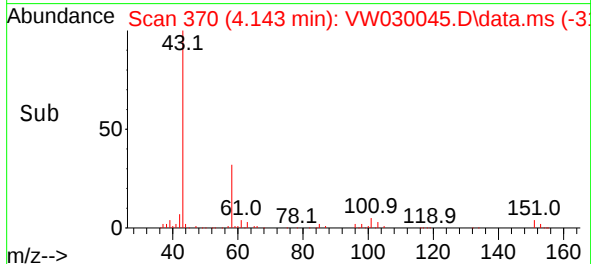
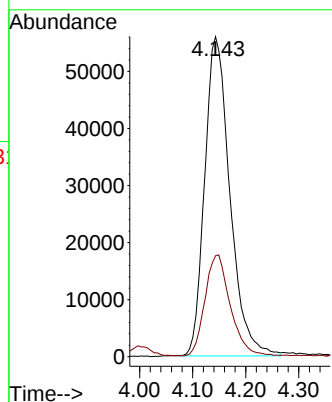


#13
Acetone
Concen: 230.001 ug/L
RT: 4.143 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

Instrument :
MSVOA_W
ClientSampleId :

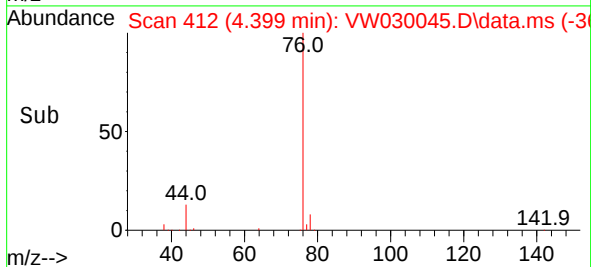
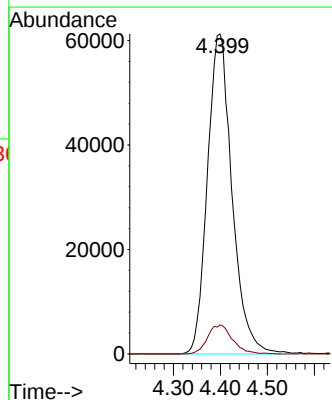
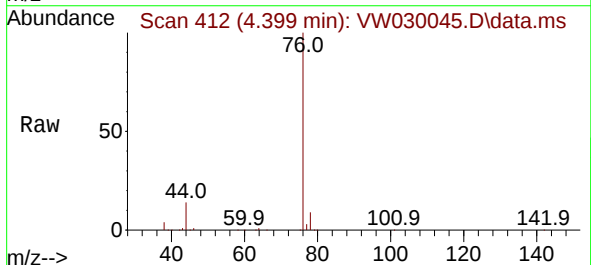


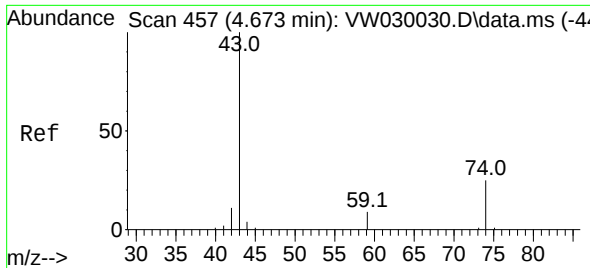
Tgt Ion: 43 Resp: 185047
Ion Ratio Lower Upper
43 100
58 31.9 0.0 66.4



#14
Carbon disulfide
Concen: 18.887 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.012 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

Tgt Ion: 76 Resp: 222690
Ion Ratio Lower Upper
76 100
78 9.1 6.6 9.8

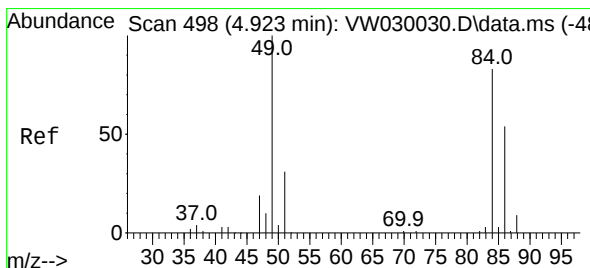
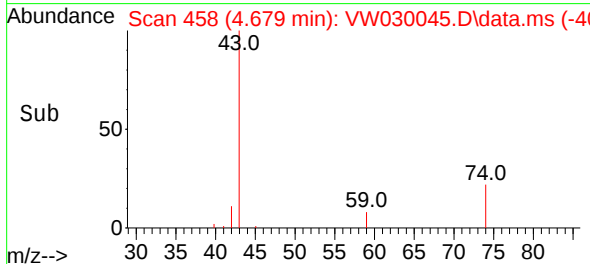
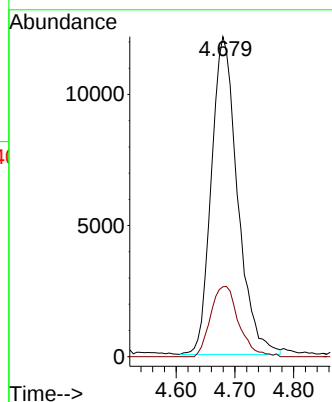
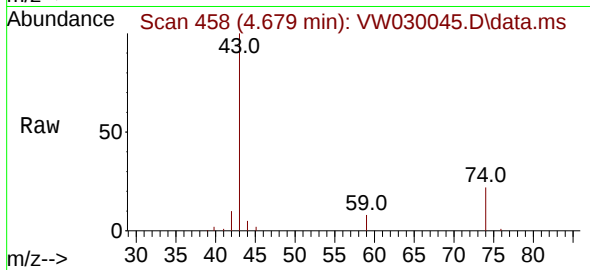




#15
Methyl Acetate
Concen: 23.921 ug/L
RT: 4.679 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

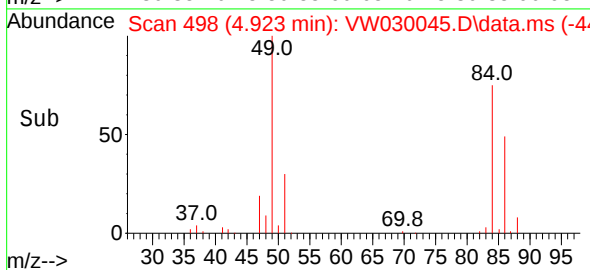
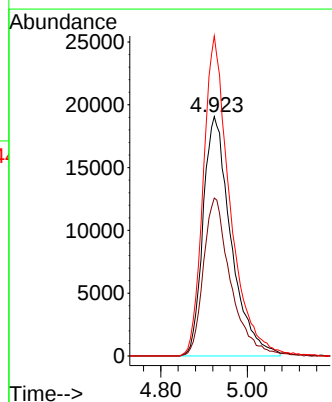
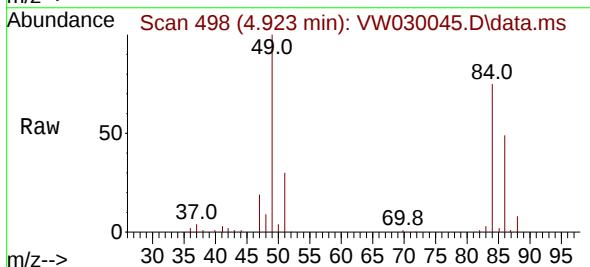
Instrument :
MSVOA_W
ClientSampleId :

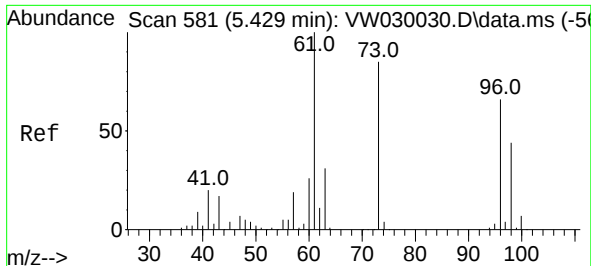
Tgt Ion: 43 Resp: 37523
Ion Ratio Lower Upper
43 100
74 23.6 19.9 29.9



#16
Methylene chloride
Concen: 17.395 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

Tgt Ion: 84 Resp: 85207
Ion Ratio Lower Upper
84 100
86 66.0 44.2 82.2
49 133.7 79.9 148.3





#17

trans-1,2-Dichloroethene

Concen: 17.887 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

Instrument :

MSVOA_W

ClientSampleId :

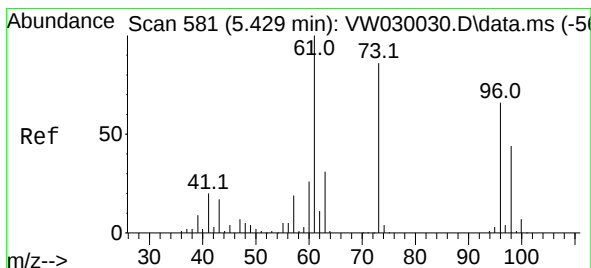
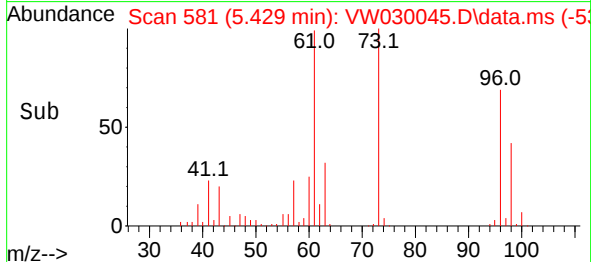
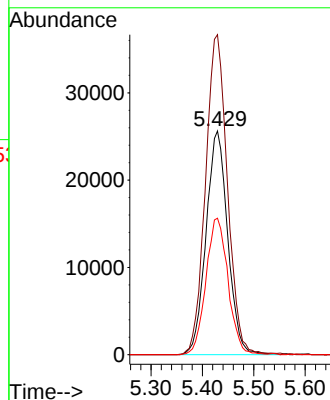
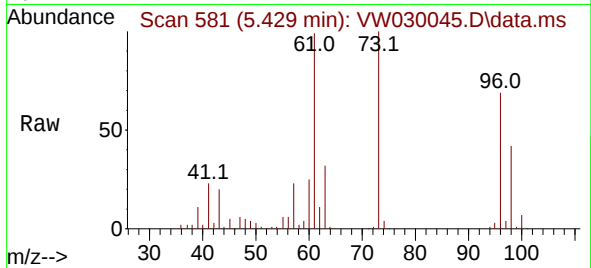
Tgt Ion: 96 Resp: 75186

Ion Ratio Lower Upper

96 100

61 143.1 98.3 182.7

98 61.0 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 20.052 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

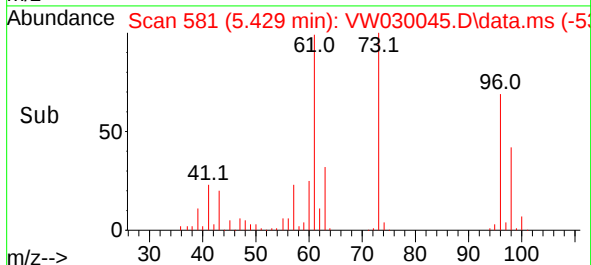
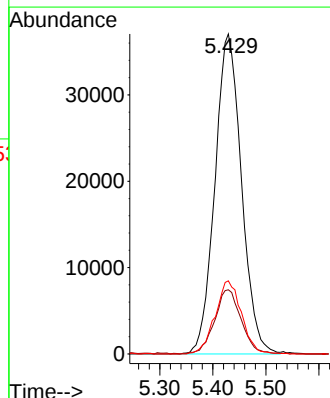
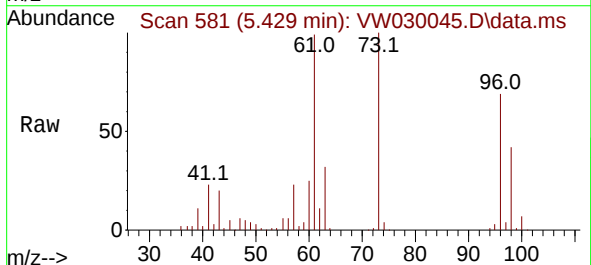
Tgt Ion: 73 Resp: 128901

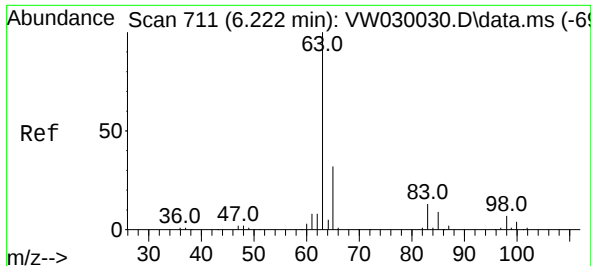
Ion Ratio Lower Upper

73 100

43 20.2 15.4 23.2

57 22.6 17.4 26.0





#19

1,1-Dichloroethane

Concen: 18.322 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min MSVOA_W

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

Instrument :

MSVOA_W

ClientSampleId :

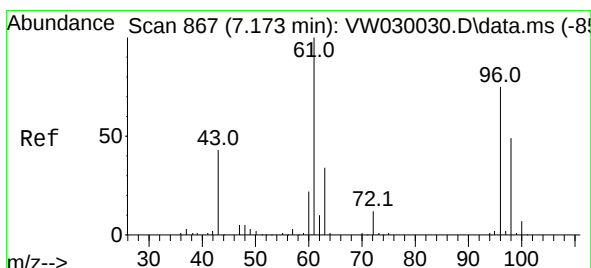
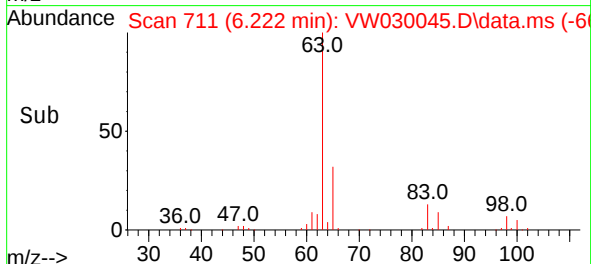
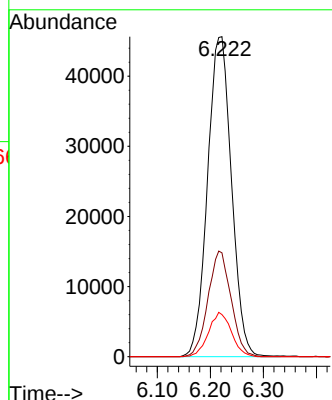
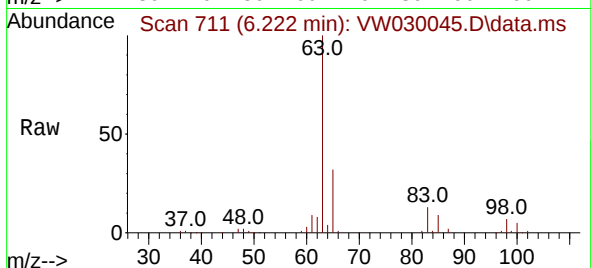
Tgt Ion: 63 Resp: 143113

Ion Ratio Lower Upper

63 100

65 32.5 21.6 40.0

83 13.2 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 17.391 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

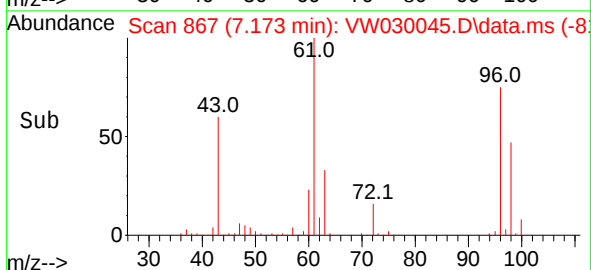
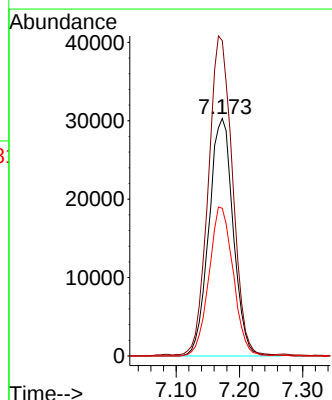
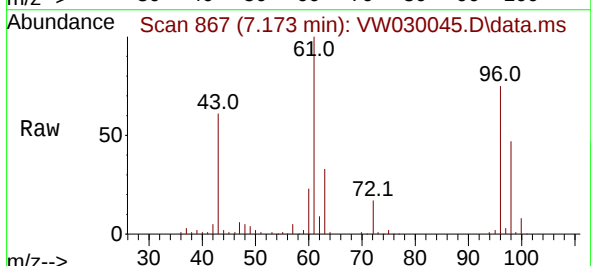
Tgt Ion: 96 Resp: 80797

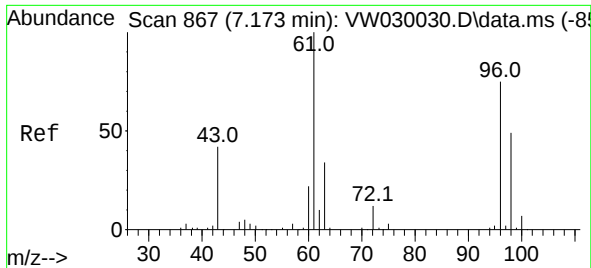
Ion Ratio Lower Upper

96 100

61 132.9 99.6 185.0

98 62.2 46.5 86.5

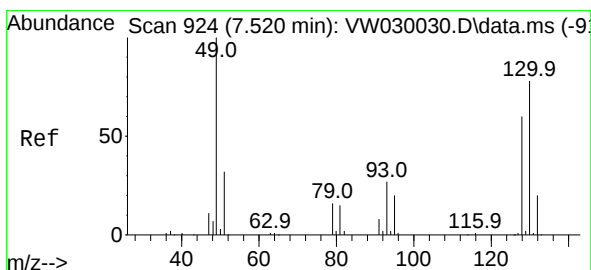
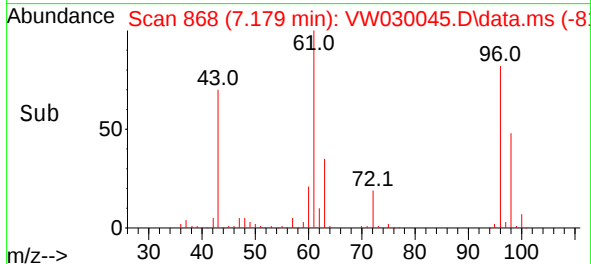
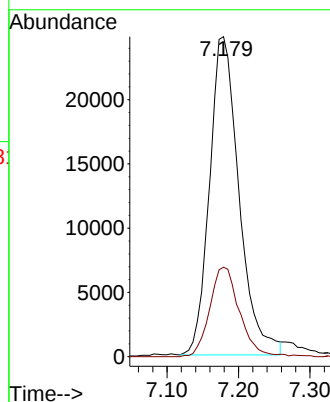
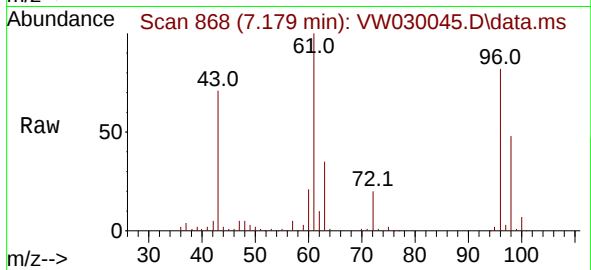




#22
2-Butanone
Concen: 61.734 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

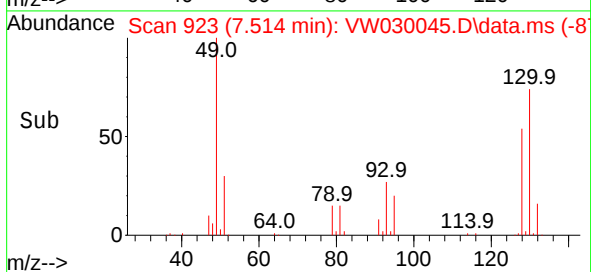
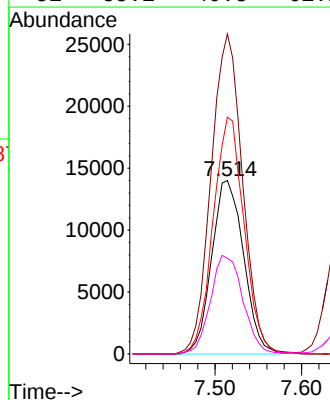
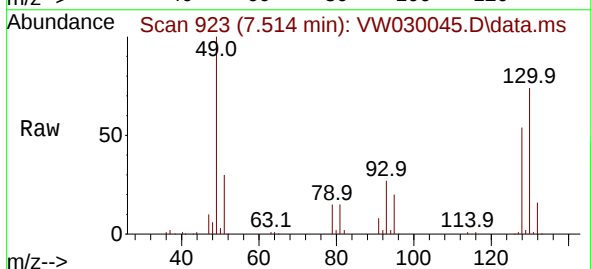
Instrument :
MSVOA_W
ClientSampleId :

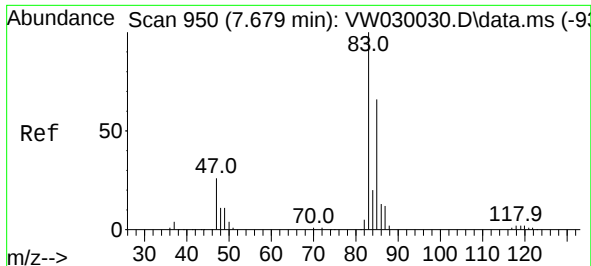
Tgt Ion: 43 Resp: 71073
Ion Ratio Lower Upper
43 100
72 28.0 15.0 45.1



#23
Bromochloromethane
Concen: 18.181 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

Tgt Ion:128 Resp: 35826
Ion Ratio Lower Upper
128 100
49 184.4 117.3 217.9
130 136.5 89.3 165.9
51 55.1 40.8 61.2





#25

Chloroform

Concen: 17.864 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

Instrument :

MSVOA_W

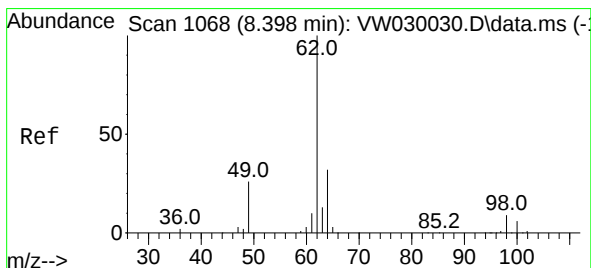
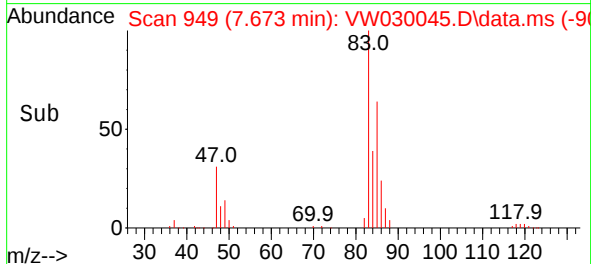
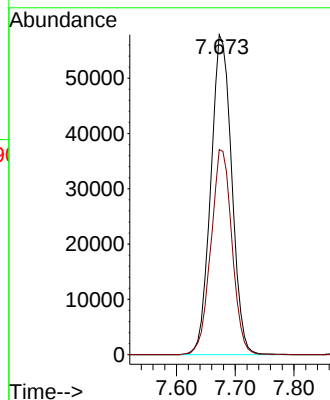
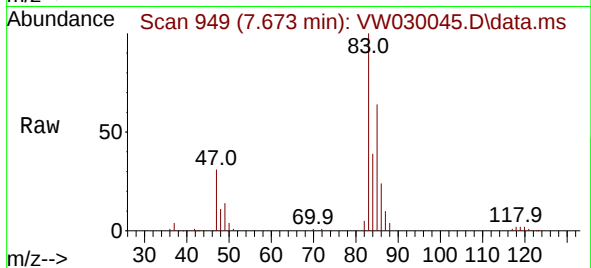
ClientSampleId :

Tgt Ion: 83 Resp: 142726

Ion Ratio Lower Upper

83 100

85 64.1 44.4 82.4



#27

1,2-Dichloroethane

Concen: 19.623 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030045.D

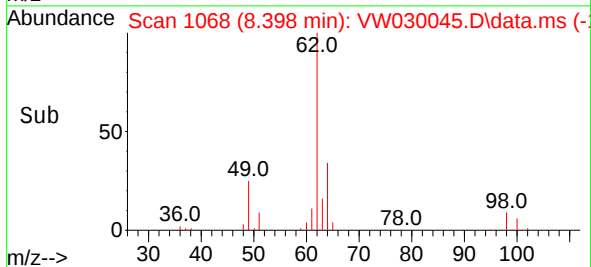
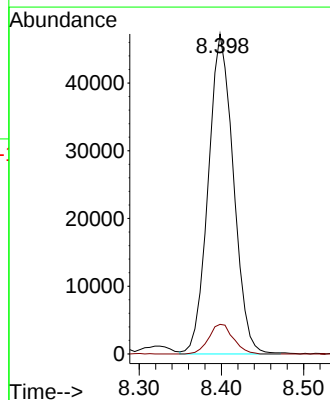
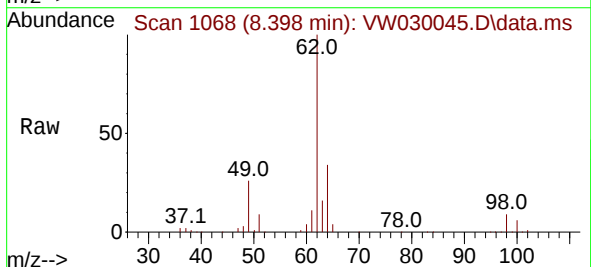
Acq: 27 Aug 2024 15:33

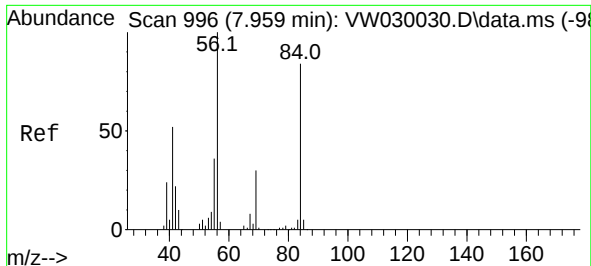
Tgt Ion: 62 Resp: 100358

Ion Ratio Lower Upper

62 100

98 9.2 7.7 11.5





#29

Cyclohexane

Concen: 20.240 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

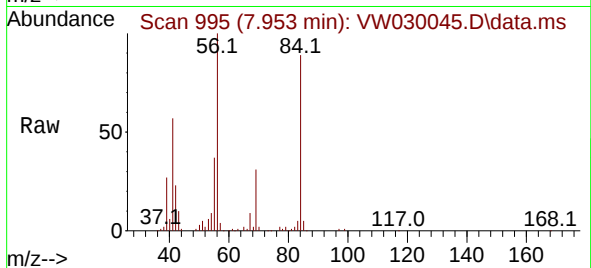
Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

Instrument :

MSVOA_W

ClientSampleId :



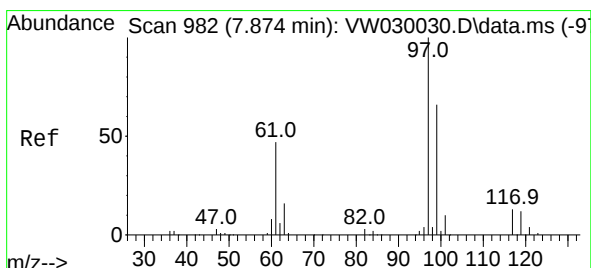
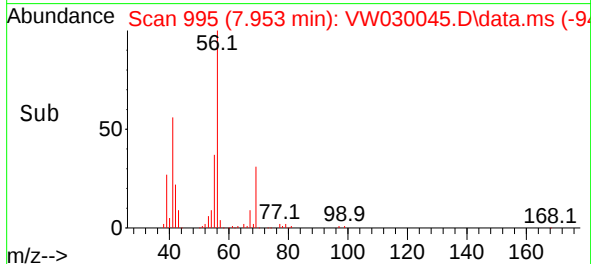
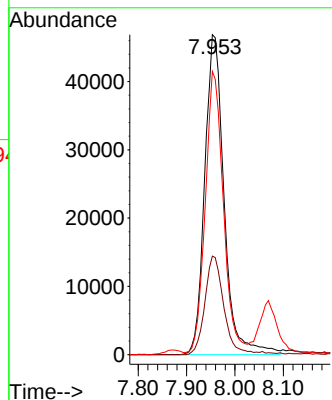
Tgt Ion: 56 Resp: 130866

Ion Ratio Lower Upper

56 100

69 29.7 24.4 36.6

84 82.8 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 18.018 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

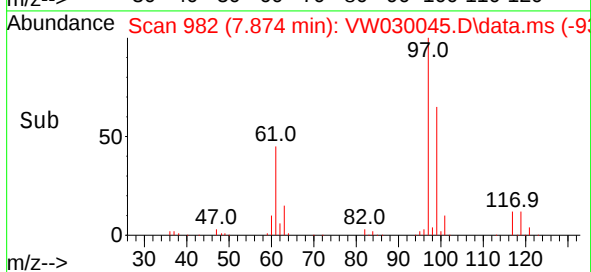
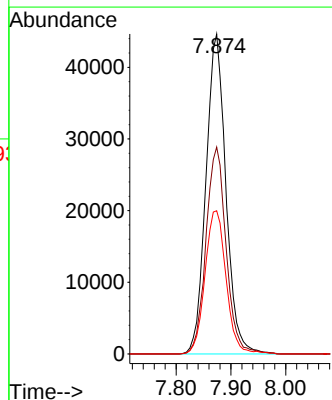
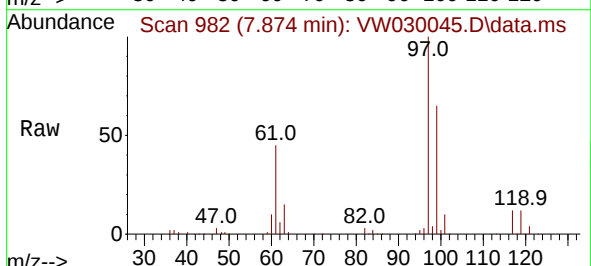
Tgt Ion: 97 Resp: 113009

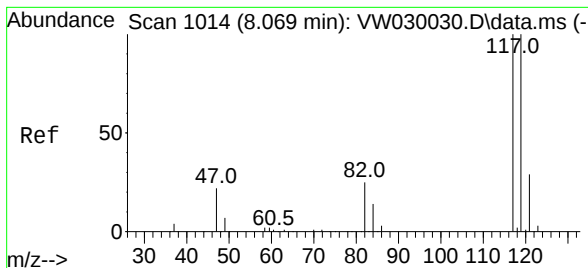
Ion Ratio Lower Upper

97 100

99 65.2 51.7 77.5

61 47.0 37.2 55.8





#31

Carbon tetrachloride

Concen: 18.272 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

Instrument :

MSVOA_W

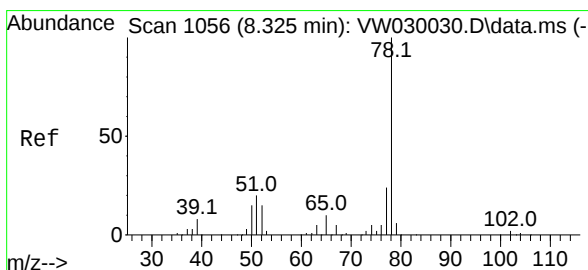
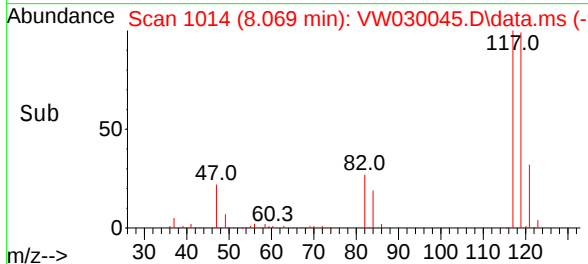
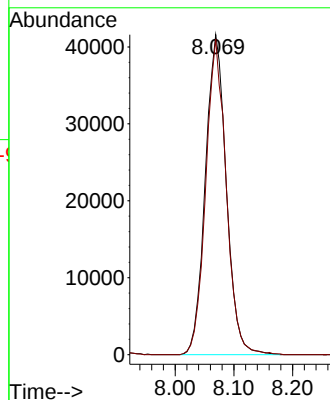
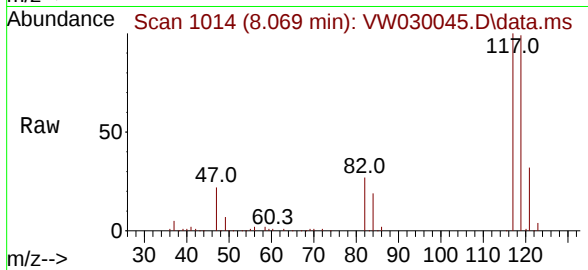
ClientSampleId :

Tgt Ion:117 Resp: 102960

Ion Ratio Lower Upper

117 100

119 96.2 77.7 116.5



#33

Benzene

Concen: 18.398 ug/L

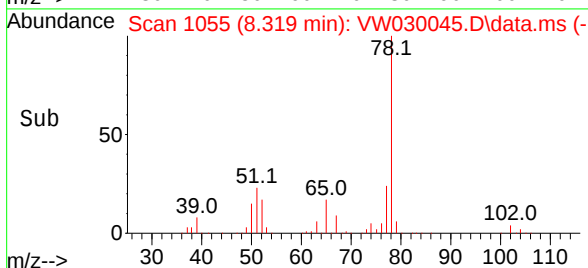
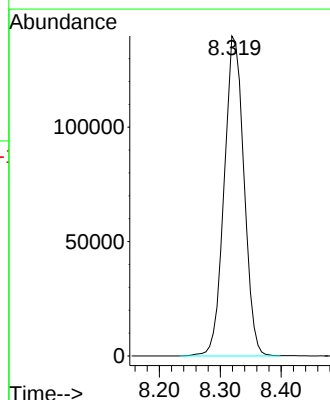
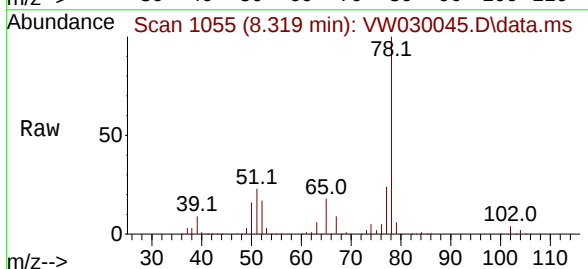
RT: 8.319 min Scan# 1055

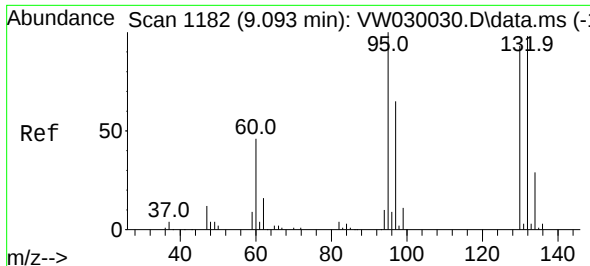
Delta R.T. -0.006 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

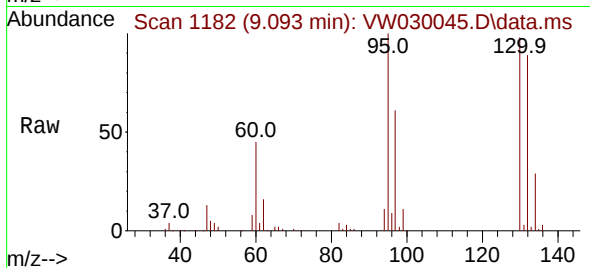
Tgt Ion: 78 Resp: 315650



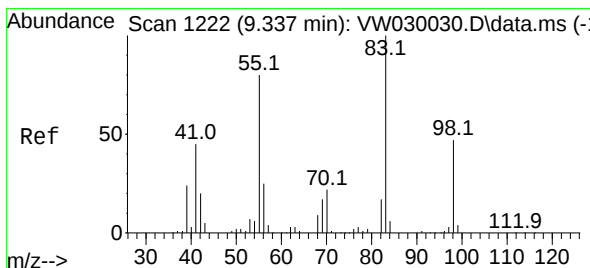
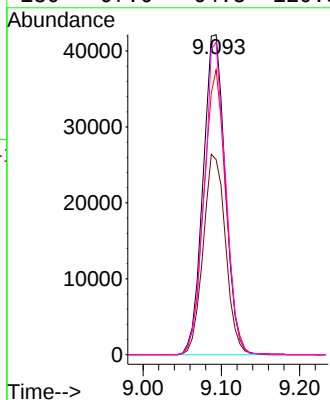
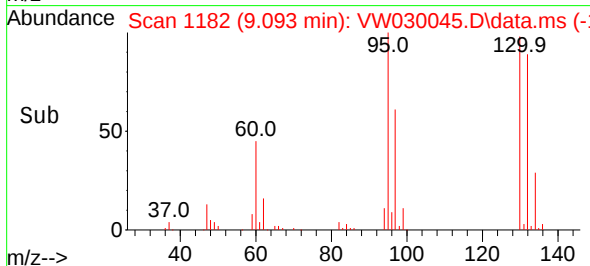


#34
Trichloroethene
Concen: 17.911 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

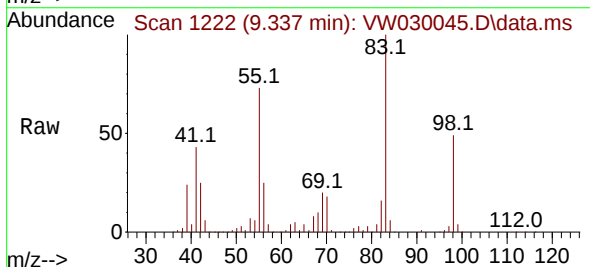
Instrument :
MSVOA_W
ClientSampleId :



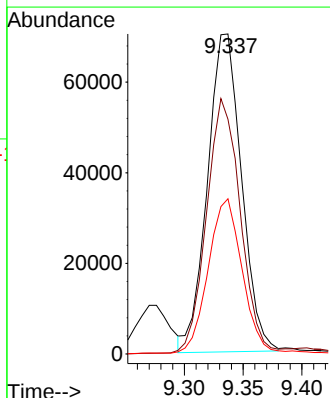
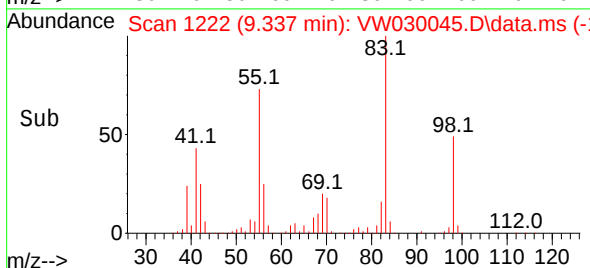
Tgt Ion: 95 Resp: 82745
Ion Ratio Lower Upper
95 100
97 60.9 43.3 80.5
132 89.1 63.6 118.0
130 97.6 64.8 120.3

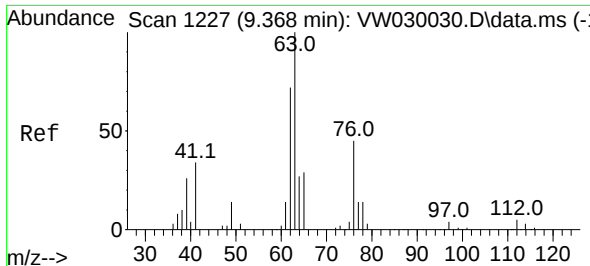


#35
Methylcyclohexane
Concen: 18.708 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33



Tgt Ion: 83 Resp: 141547
Ion Ratio Lower Upper
83 100
55 80.0 59.0 88.6
98 48.1 38.2 57.4





#37

1,2-Dichloropropane

Concen: 19.340 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

Instrument :

MSVOA_W

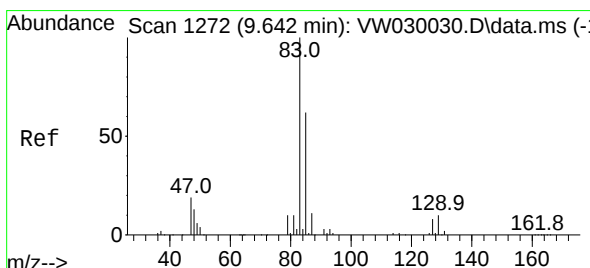
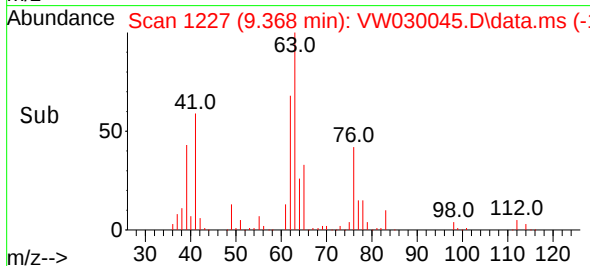
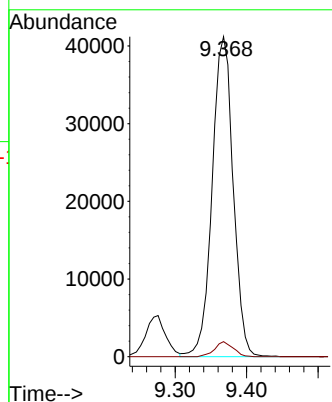
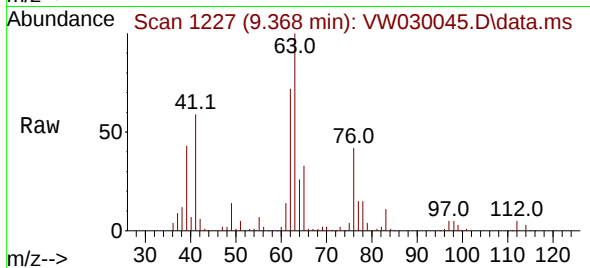
ClientSampleId :

Tgt Ion: 63 Resp: 84023

Ion Ratio Lower Upper

63 100

112 4.2 3.7 5.5



#38

Bromodichloromethane

Concen: 18.589 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

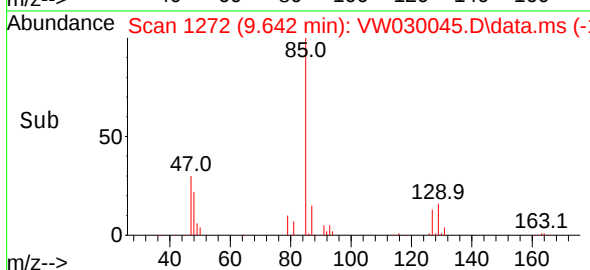
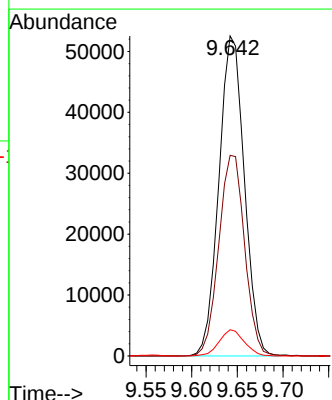
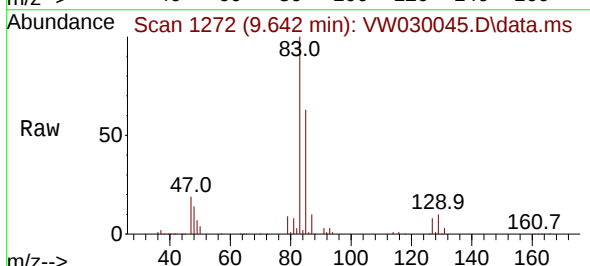
Tgt Ion: 83 Resp: 101898

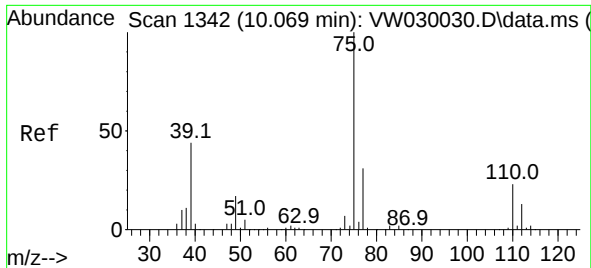
Ion Ratio Lower Upper

83 100

85 62.7 42.9 79.7

127 8.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 18.941 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

Instrument :

MSVOA_W

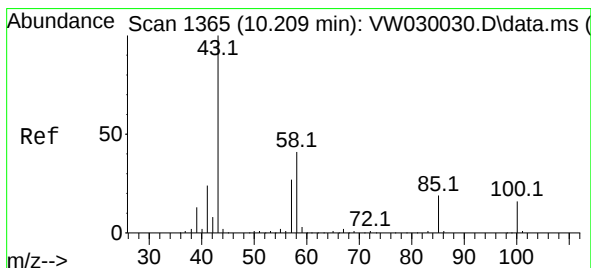
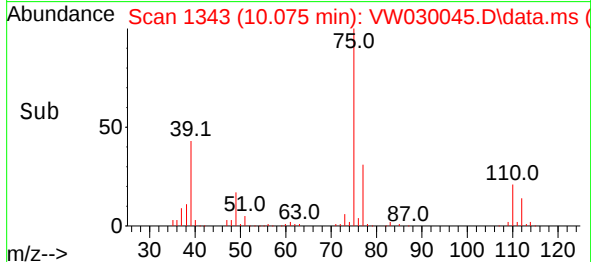
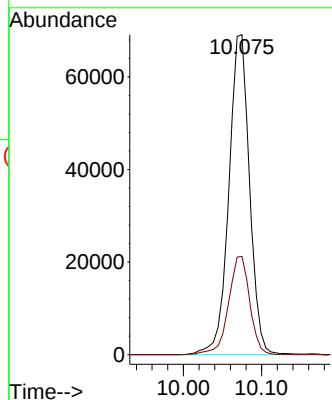
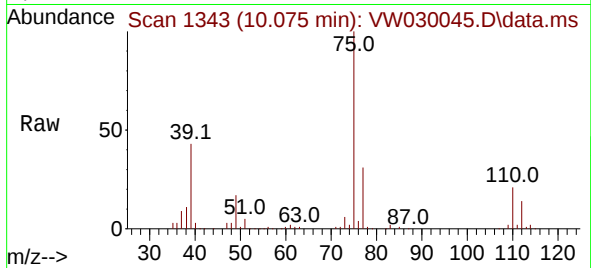
ClientSampleId :

Tgt Ion: 75 Resp: 126653

Ion Ratio Lower Upper

75 100

77 30.7 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 58.965 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

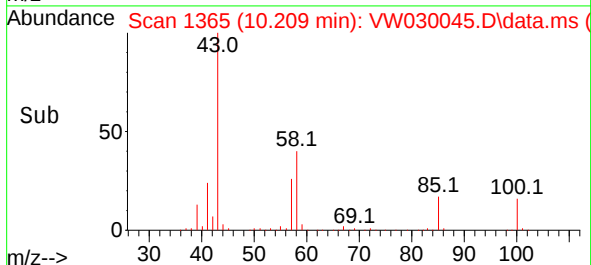
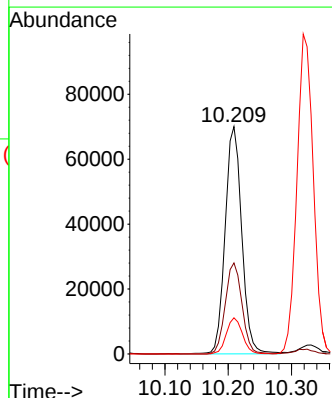
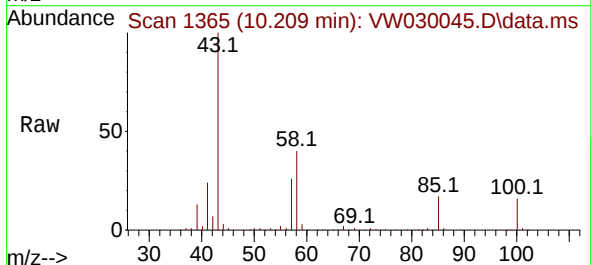
Tgt Ion: 43 Resp: 127518

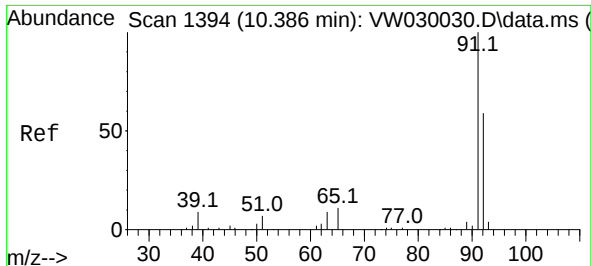
Ion Ratio Lower Upper

43 100

58 40.3 34.0 51.0

100 15.5 13.5 20.3

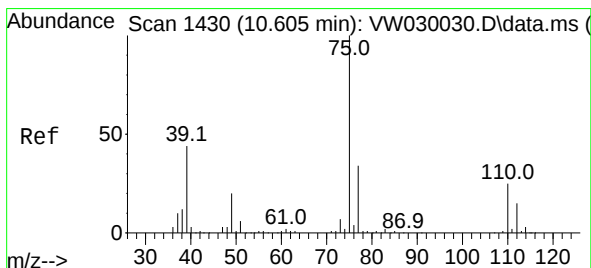
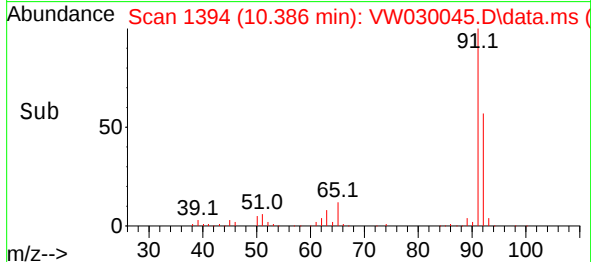
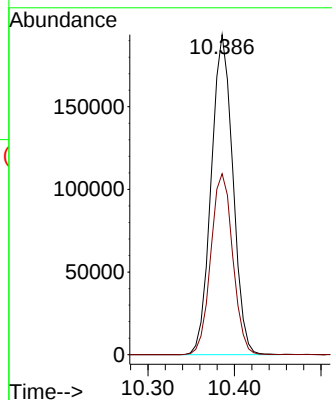
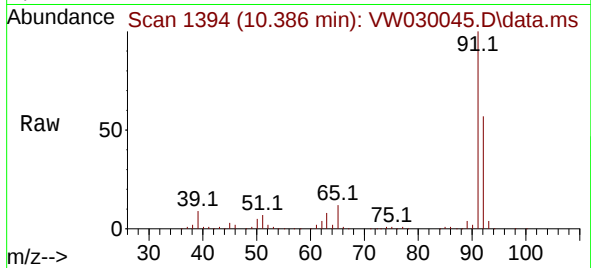




#42
Toluene
Concen: 18.368 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

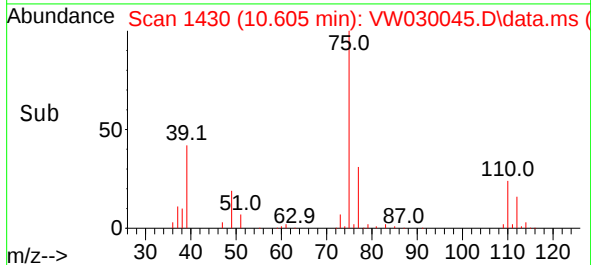
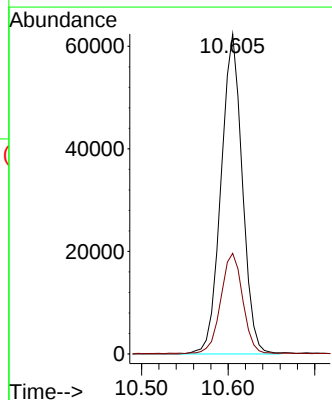
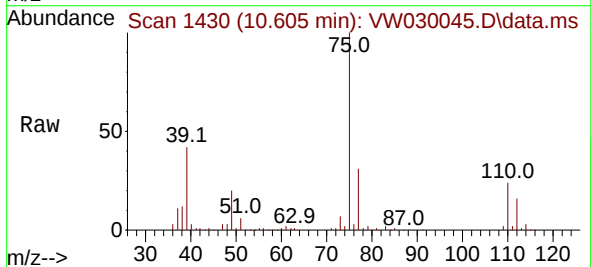
Instrument :
MSVOA_W
ClientSampleId :

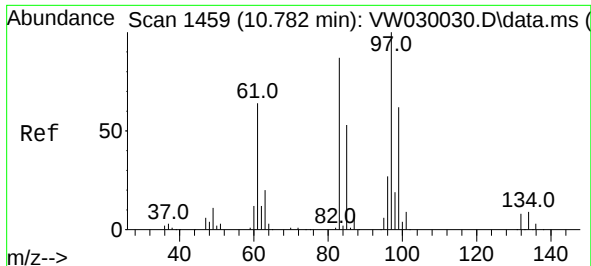
Tgt Ion: 91 Resp: 335595
Ion Ratio Lower Upper
91 100
92 56.5 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 19.661 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

Tgt Ion: 75 Resp: 106387
Ion Ratio Lower Upper
75 100
77 31.5 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 19.543 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 62230

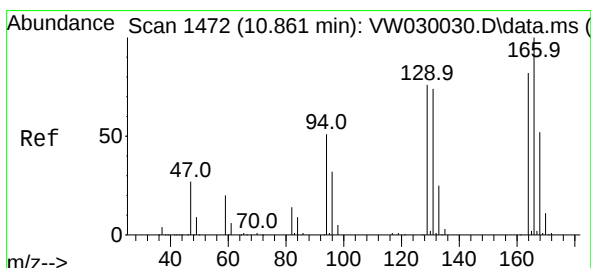
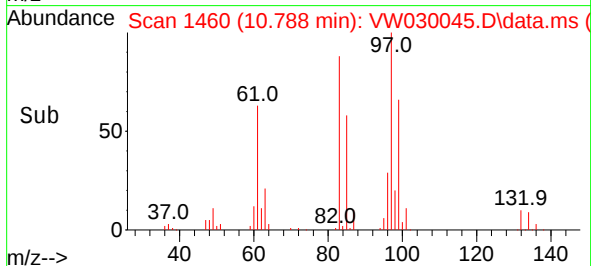
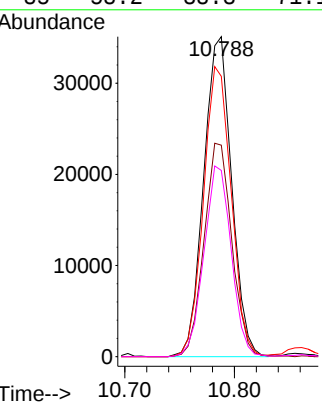
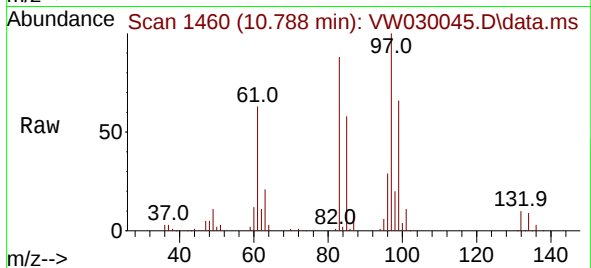
Ion Ratio Lower Upper

97 100

99 66.1 40.3 74.8

83 87.6 58.0 107.6

85 58.2 38.3 71.1



#46

Tetrachloroethene

Concen: 16.923 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

Tgt Ion:164 Resp: 59336

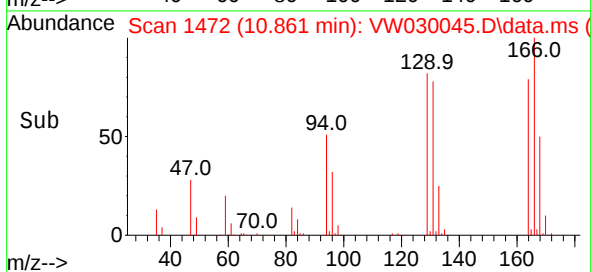
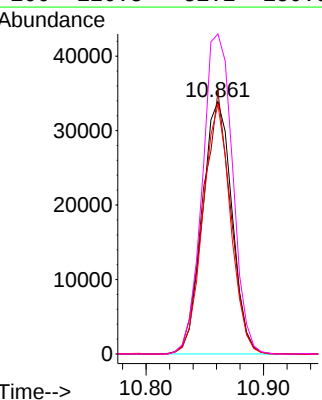
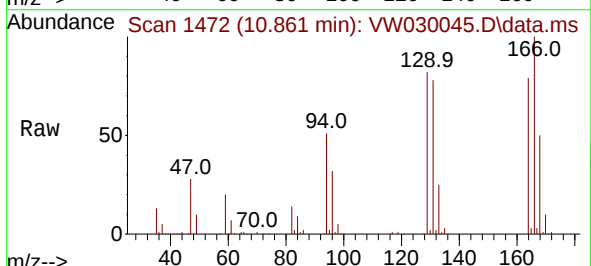
Ion Ratio Lower Upper

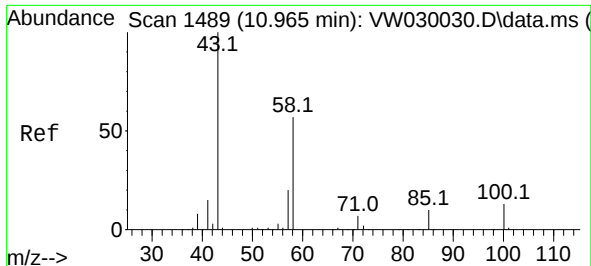
164 100

129 104.1 66.1 122.7

131 98.8 62.6 116.2

166 126.8 81.2 150.8

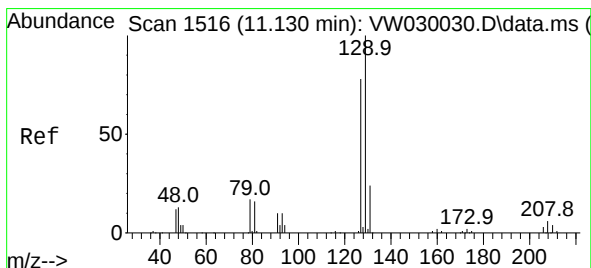
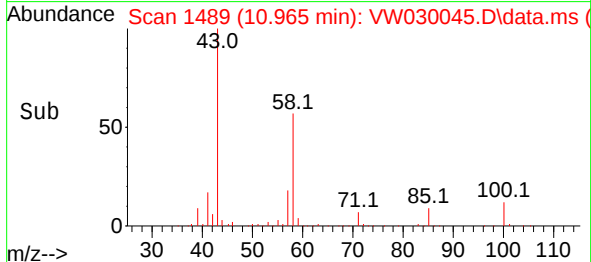
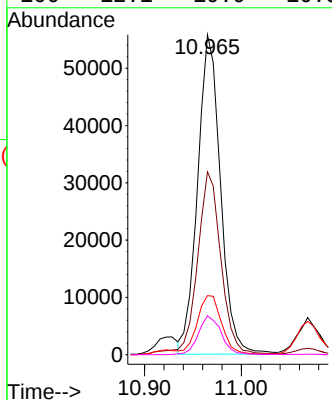
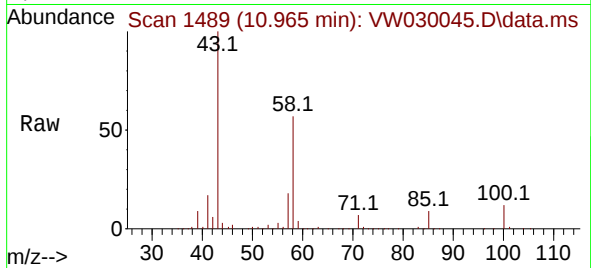




#48
2-Hexanone
Concen: 59.901 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

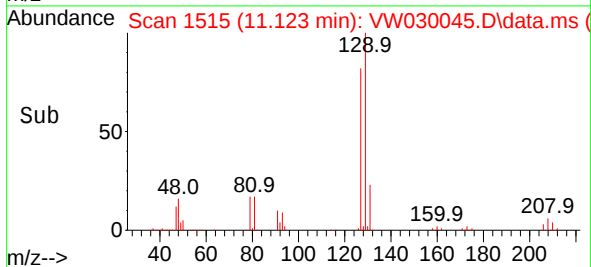
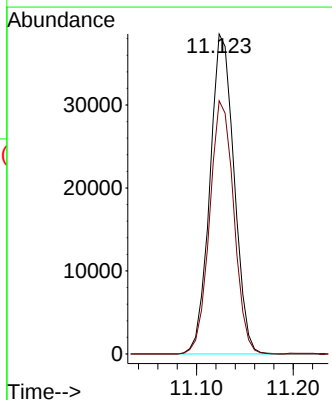
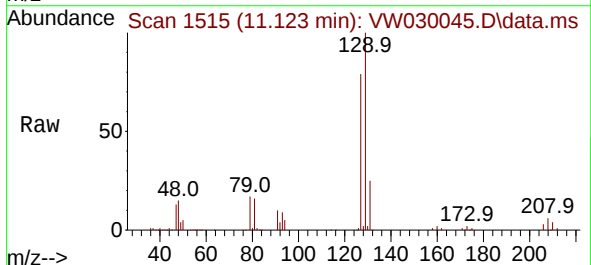
Instrument :
MSVOA_W
ClientSampleId :

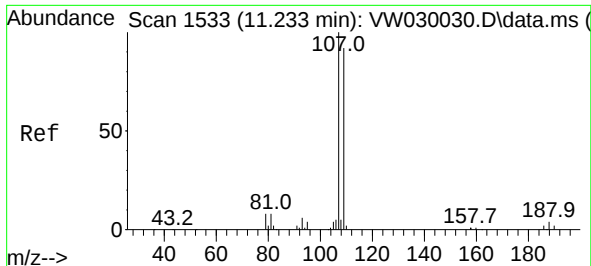
Tgt Ion:	43	Resp:	92091
Ion Ratio	Lower	Upper	
43	100		
58	59.1	50.0	75.0
57	19.9	17.3	25.9
100	12.1	10.9	16.3



#49
Dibromochloromethane
Concen: 19.833 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

Tgt Ion:	129	Resp:	67103
Ion Ratio	Lower	Upper	
129	100		
127	79.1	51.8	96.2





#50

1,2-Dibromoethane

Concen: 21.345 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

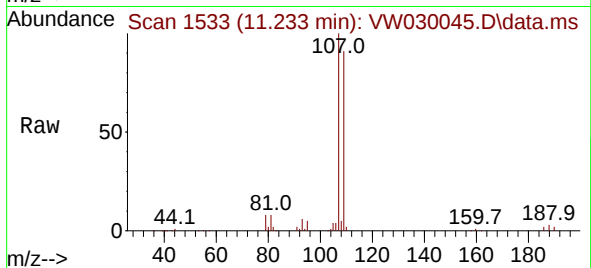
Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

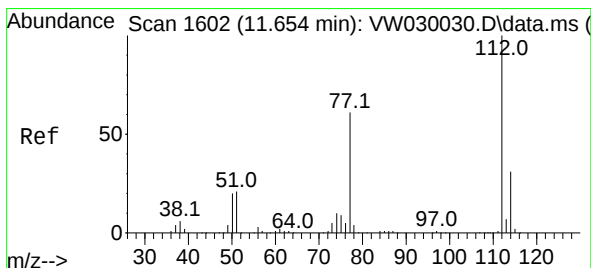
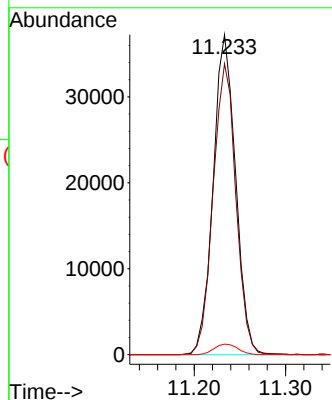
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	63490
Ion Ratio	Lower	Upper	
107	100		
109	90.9	61.7	114.5
188	3.3	3.1	4.7



#51

Chlorobenzene

Concen: 17.324 ug/L

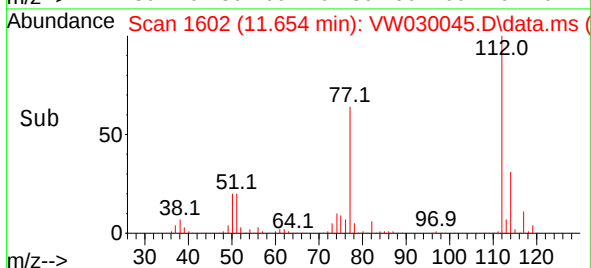
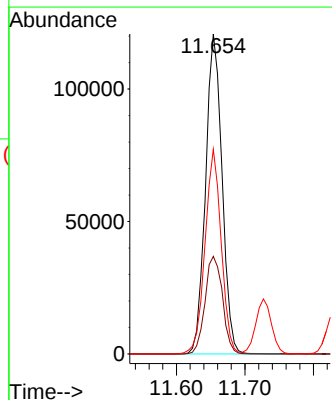
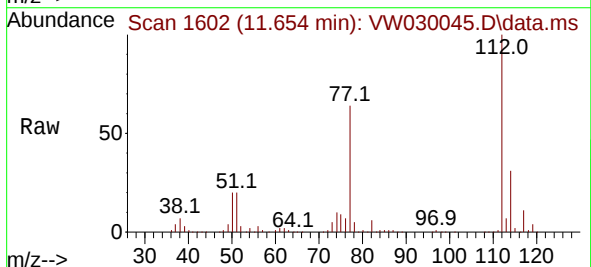
RT: 11.654 min Scan# 1602

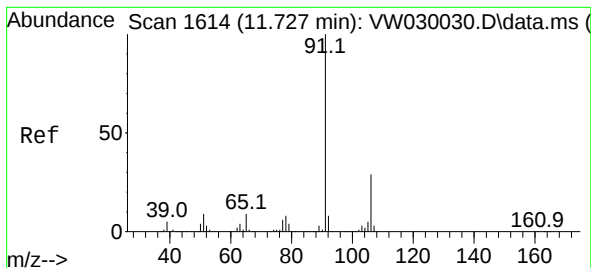
Delta R.T. -0.000 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

Tgt Ion:	112	Resp:	202387
Ion Ratio	Lower	Upper	
112	100		
114	30.5	20.9	38.9
77	63.9	47.1	70.7





#52

Ethylbenzene

Concen: 17.942 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

Instrument :

MSVOA_W

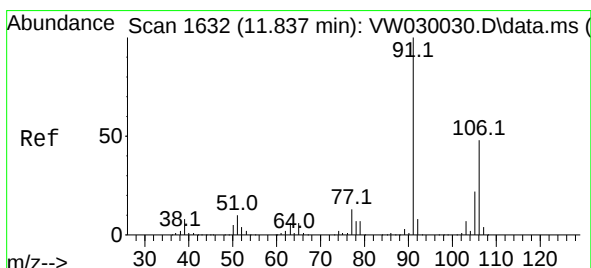
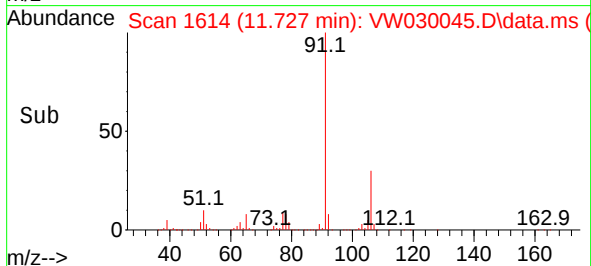
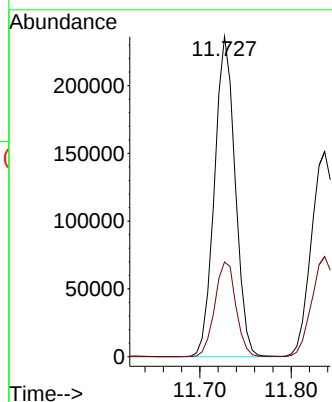
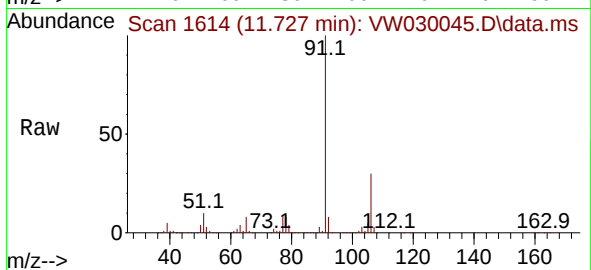
ClientSampleId :

Tgt Ion: 91 Resp: 371431

Ion Ratio Lower Upper

91 100

106 29.6 22.0 41.0



#53

m,p-Xylene

Concen: 17.867 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030045.D

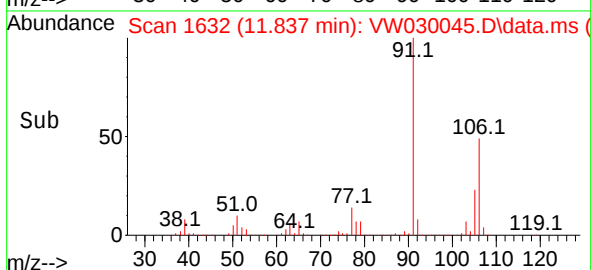
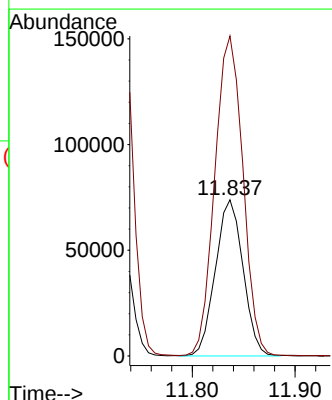
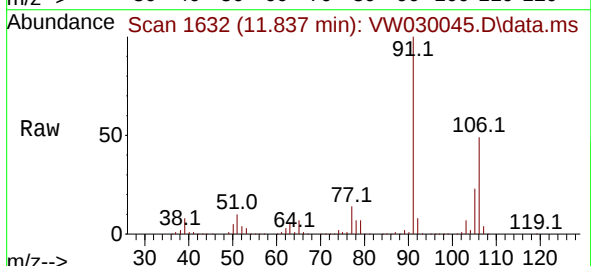
Acq: 27 Aug 2024 15:33

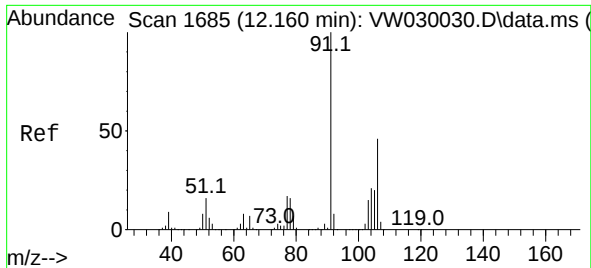
Tgt Ion:106 Resp: 138032

Ion Ratio Lower Upper

106 100

91 204.8 146.7 272.4

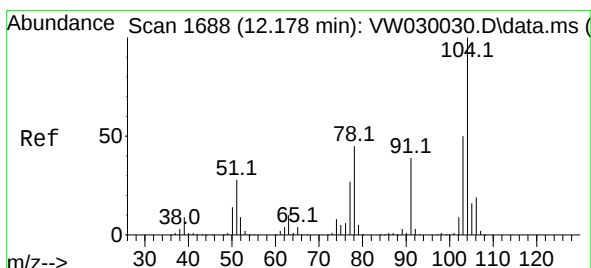
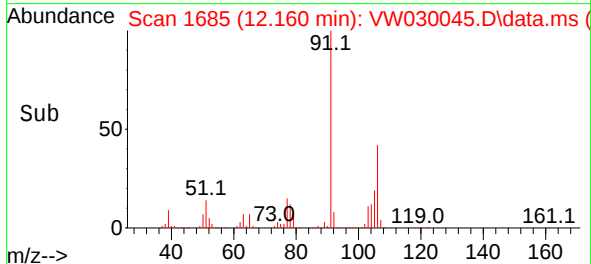
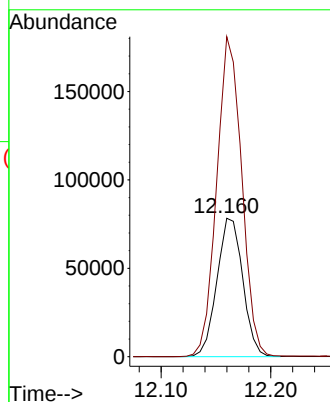
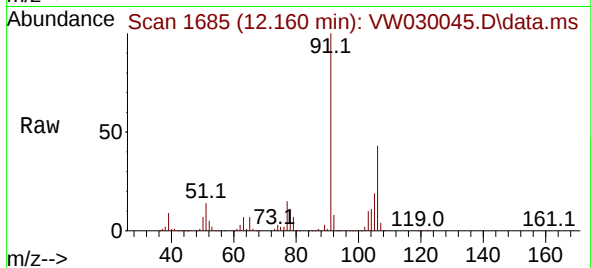




#54
o-Xylene
Concen: 17.280 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

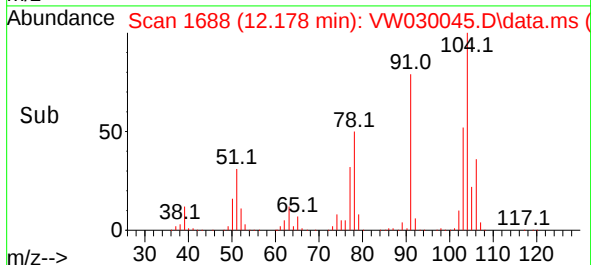
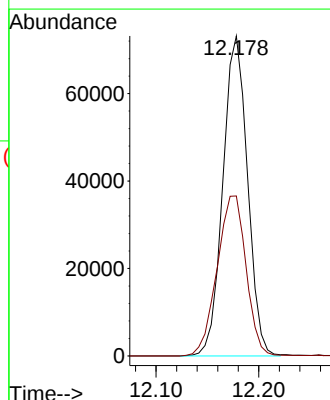
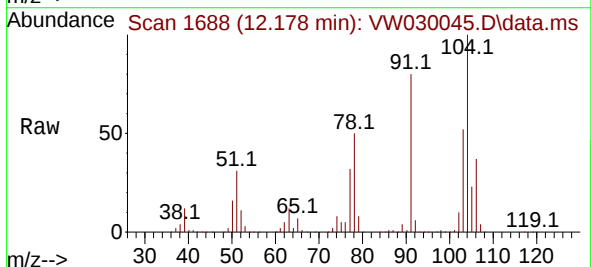
Instrument :
MSVOA_W
ClientSampleId :

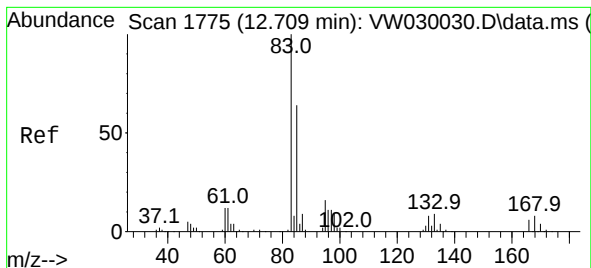
Tgt Ion:106 Resp: 128132
Ion Ratio Lower Upper
106 100
91 231.2 153.9 285.7



#55
Styrene
Concen: 9.790 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

Tgt Ion:104 Resp: 121630
Ion Ratio Lower Upper
104 100
78 50.0 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 23.987 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW030045.D

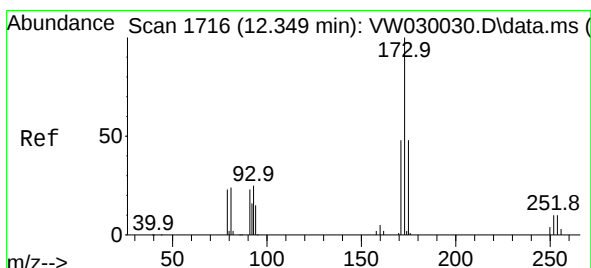
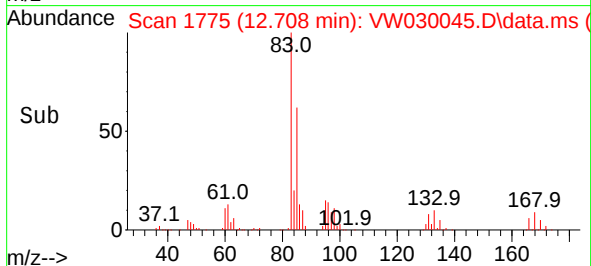
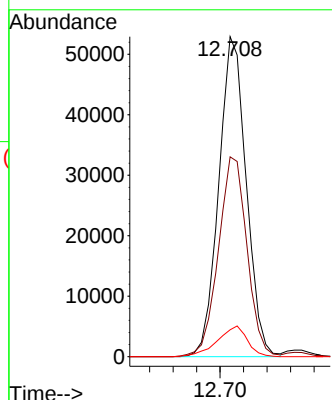
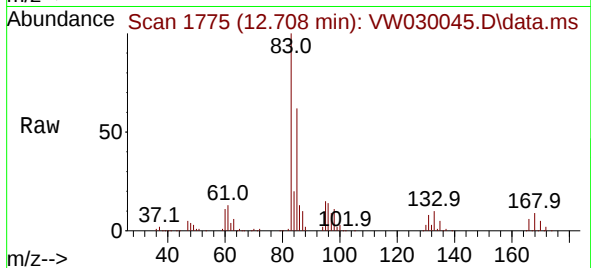
Acq: 27 Aug 2024 15:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	86015
Ion Ratio	Lower	Upper	
83	100		
85	62.4	44.0	81.8
131	8.4	7.3	10.9



#59

Bromoform

Concen: 21.775 ug/L

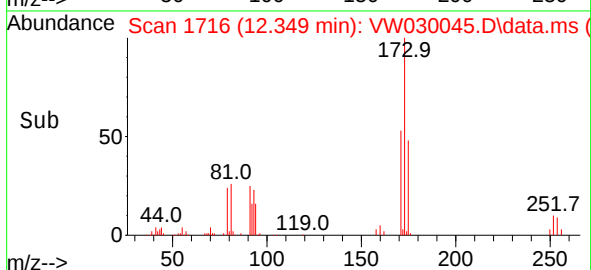
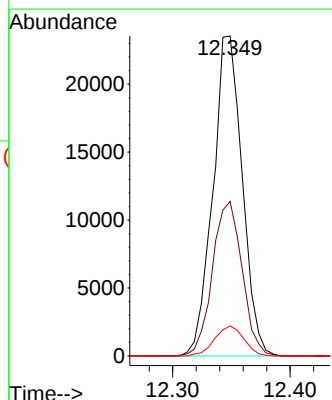
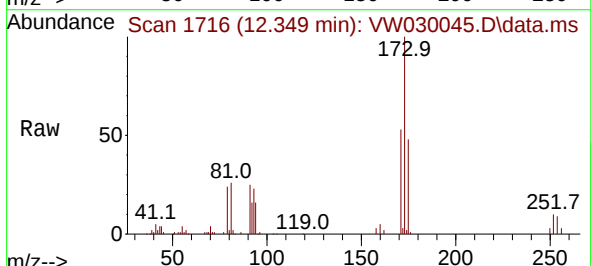
RT: 12.349 min Scan# 1716

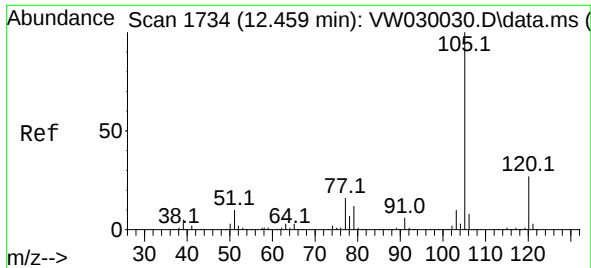
Delta R.T. -0.000 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

Tgt Ion:	173	Resp:	40815
Ion Ratio	Lower	Upper	
173	100		
175	48.8	41.4	62.2
254	9.3	8.6	13.0

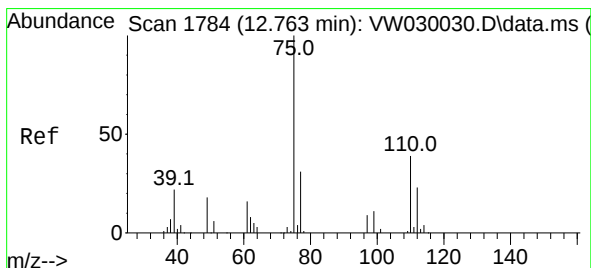
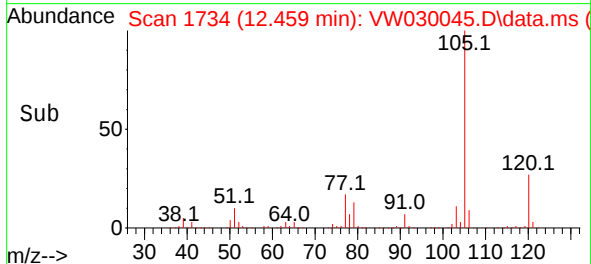
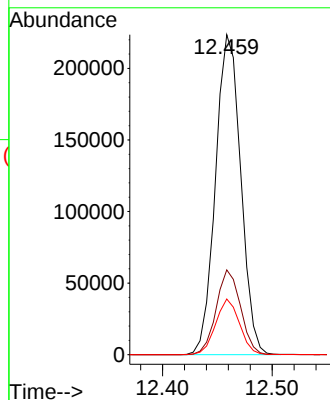
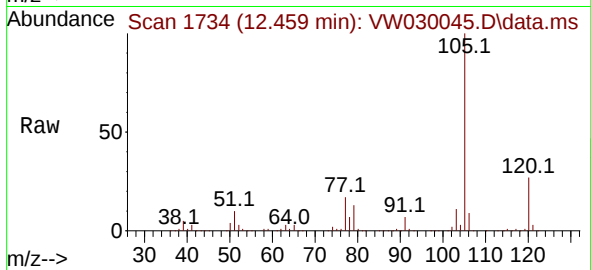




#60
Isopropylbenzene
Concen: 17.846 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

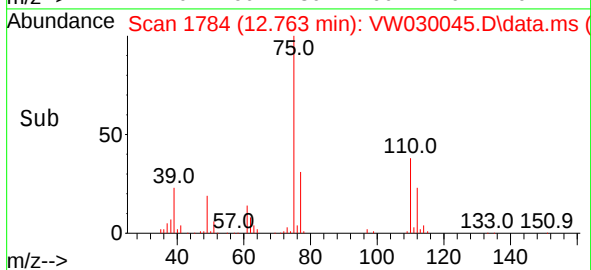
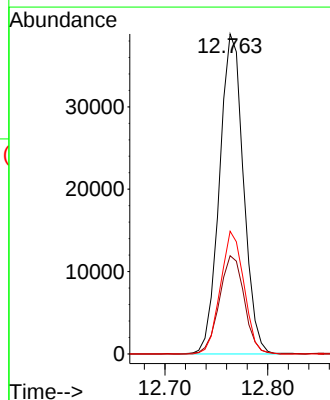
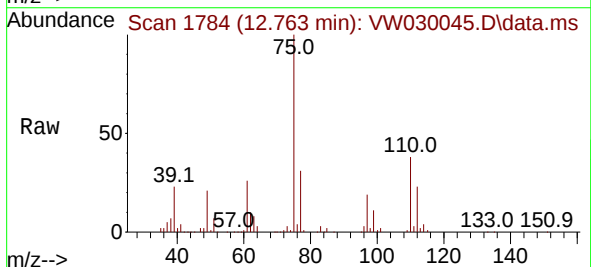
Instrument :
MSVOA_W
ClientSampleId :

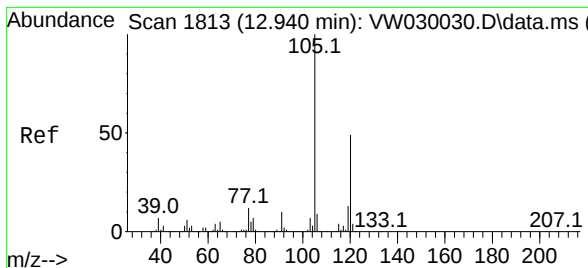
Tgt Ion:105 Resp: 358371
Ion Ratio Lower Upper
105 100
120 25.5 20.6 30.8
77 16.5 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 24.586 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

Tgt Ion: 75 Resp: 62923
Ion Ratio Lower Upper
75 100
77 31.9 26.0 39.0
110 37.7 31.0 46.4

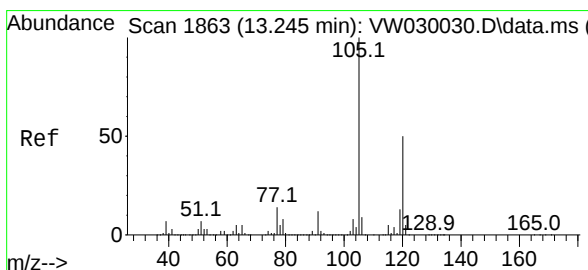
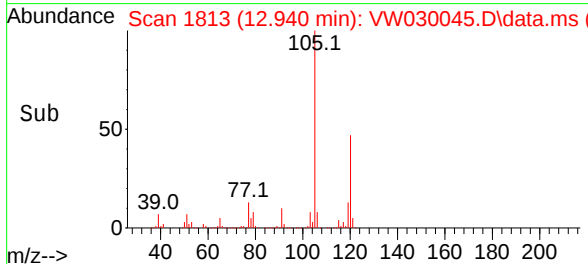
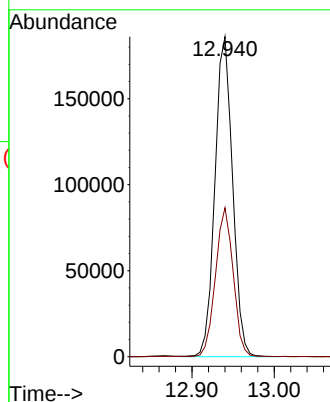
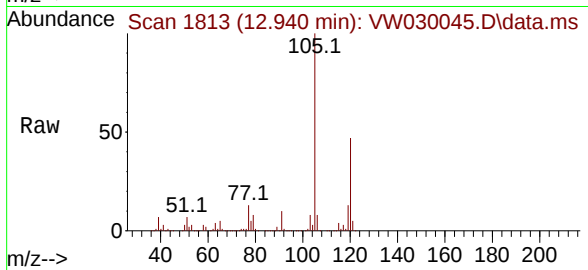




#62
1,3,5-Trimethylbenzene
Concen: 18.610 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

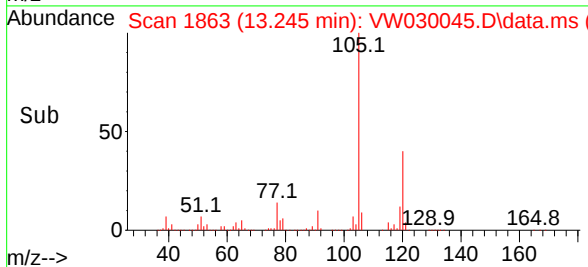
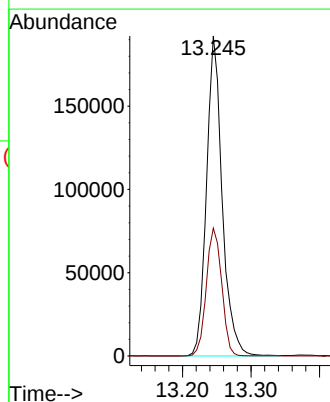
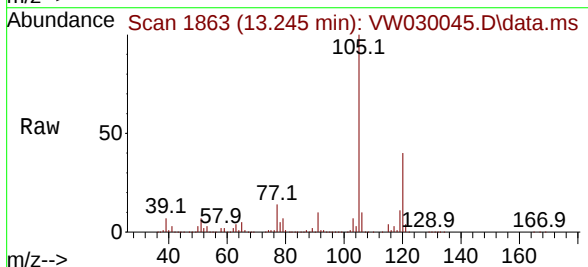
Instrument :
MSVOA_W
ClientSampleId :

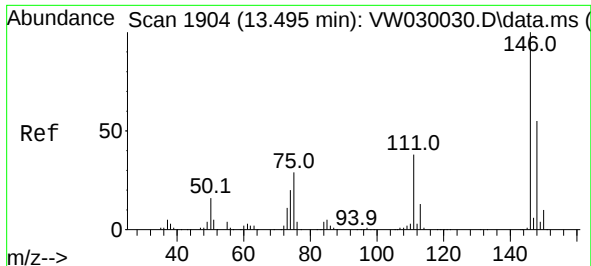
Tgt Ion:105 Resp: 277863
Ion Ratio Lower Upper
105 100
120 46.7 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 19.455 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

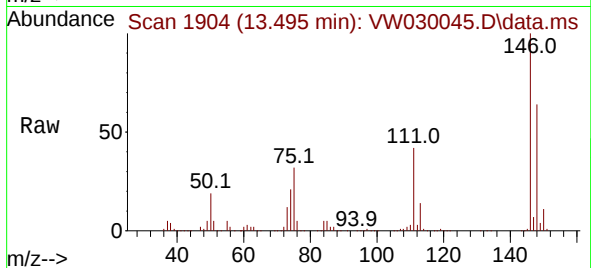
Tgt Ion:105 Resp: 306184
Ion Ratio Lower Upper
105 100
120 39.1 36.3 54.5



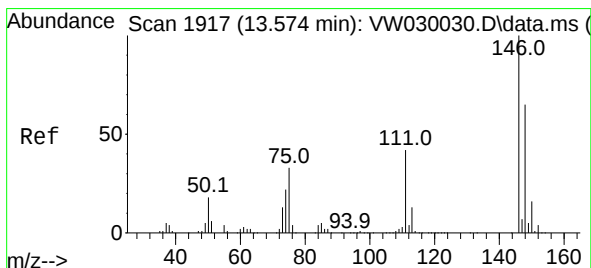
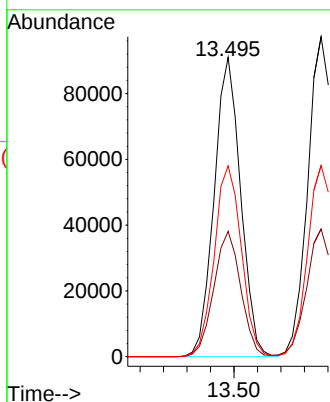
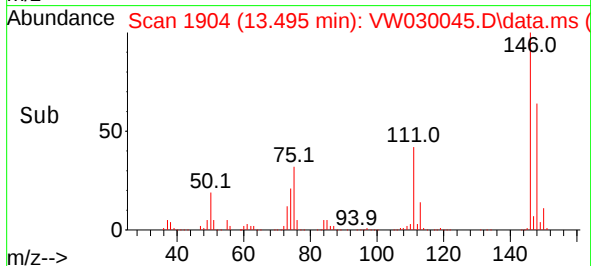


#64
1,3-Dichlorobenzene
Concen: 16.665 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

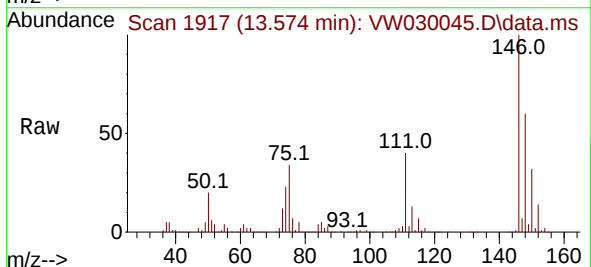
Instrument :
MSVOA_W
ClientSampleId :



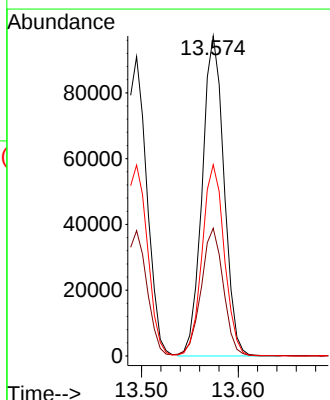
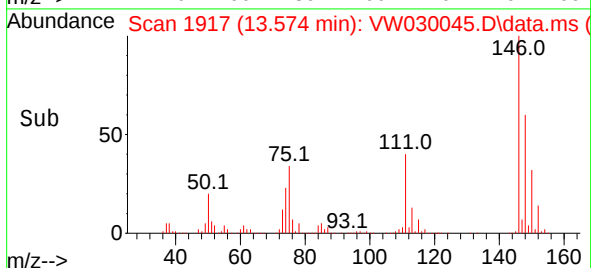
Tgt Ion:146 Resp: 142667
Ion Ratio Lower Upper
146 100
111 41.9 29.1 54.1
148 63.8 43.9 81.5

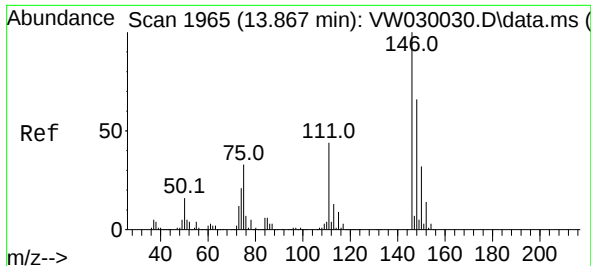


#65
1,4-Dichlorobenzene
Concen: 17.620 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33



Tgt Ion:146 Resp: 152376
Ion Ratio Lower Upper
146 100
111 39.9 28.2 52.4
148 59.7 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 17.782 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

Instrument :

MSVOA_W

ClientSampleId :

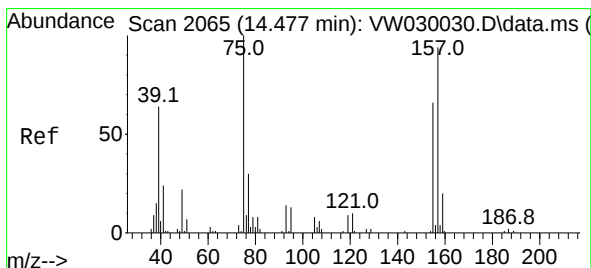
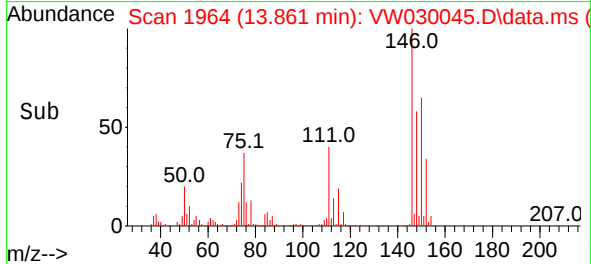
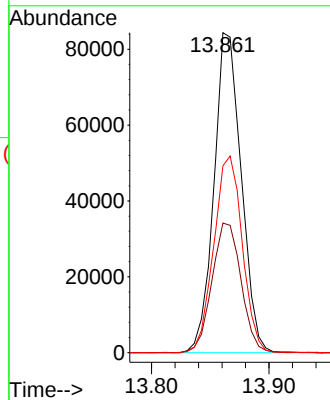
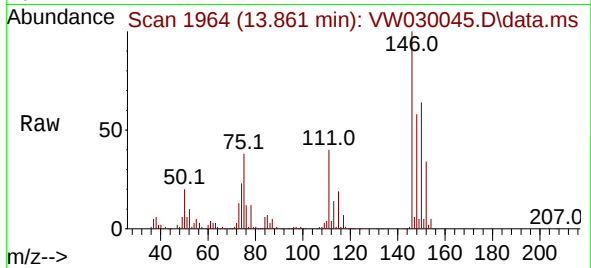
Tgt Ion:146 Resp: 136173

Ion Ratio Lower Upper

146 100

111 40.5 34.7 52.1

148 58.4 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.692 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

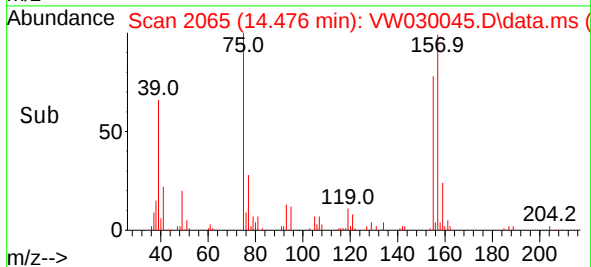
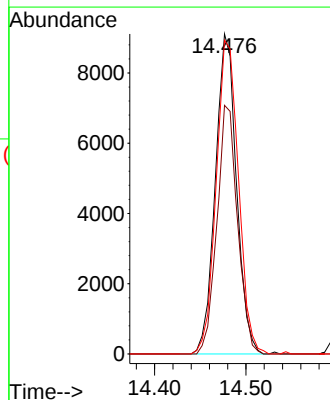
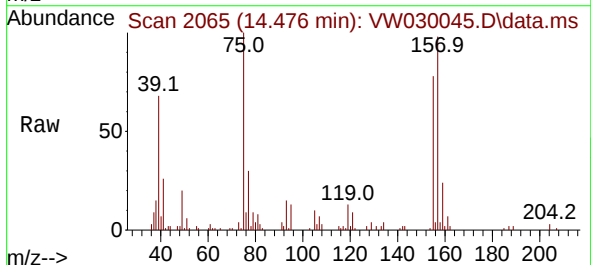
Tgt Ion: 75 Resp: 14623

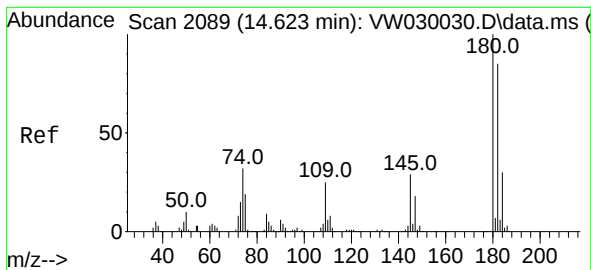
Ion Ratio Lower Upper

75 100

155 77.7 62.8 94.2

157 98.0 84.3 126.5





#69

1,3,5-Trichlorobenzene

Concen: 14.189 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

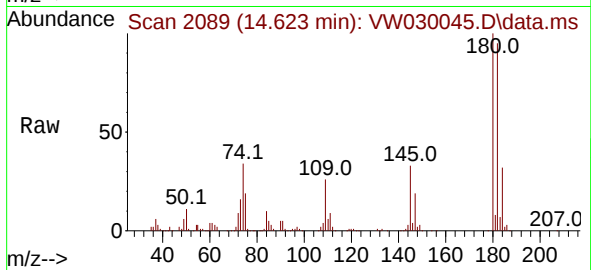
Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 79306

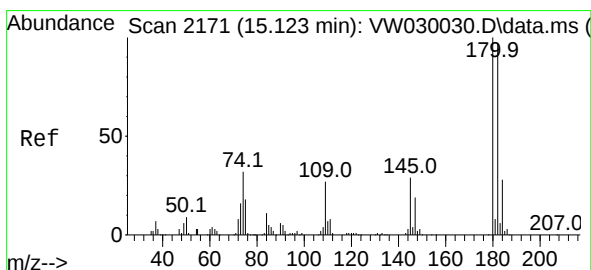
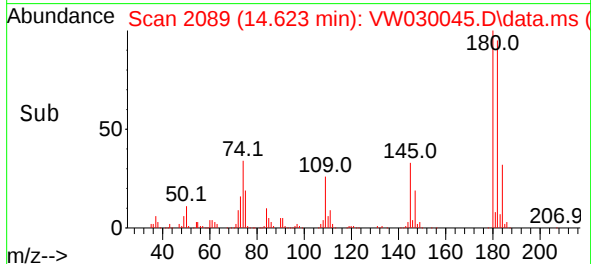
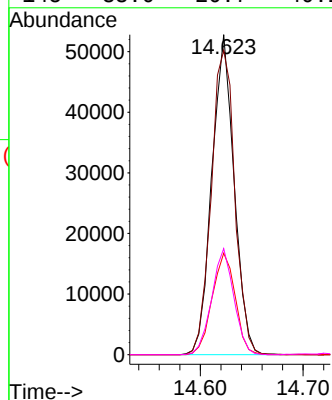
Ion Ratio Lower Upper

180 100

182 101.0 79.7 119.5

184 32.9 25.1 37.7

145 33.0 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 15.124 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW030045.D

Acq: 27 Aug 2024 15:33

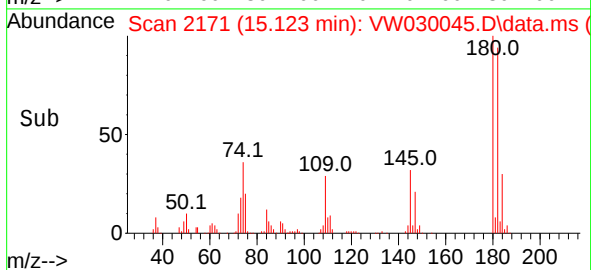
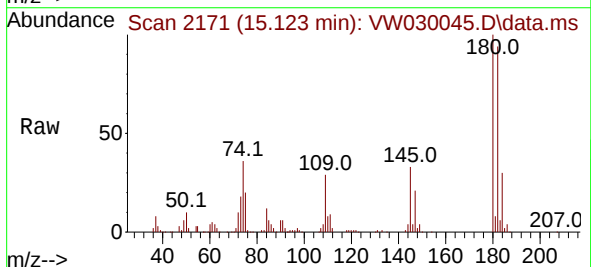
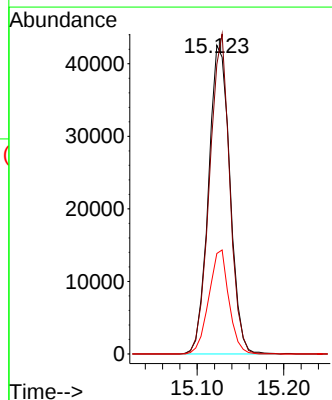
Tgt Ion:180 Resp: 73158

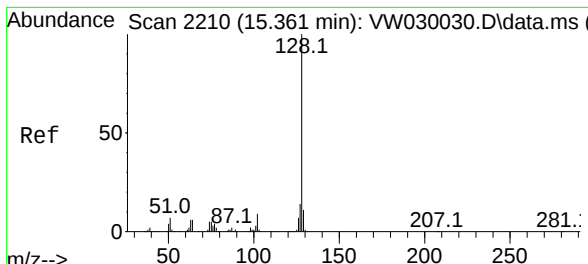
Ion Ratio Lower Upper

180 100

182 97.2 75.3 112.9

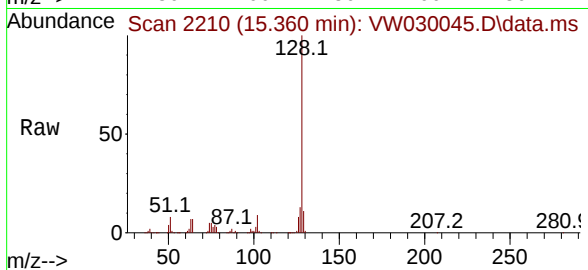
145 31.6 24.7 37.1



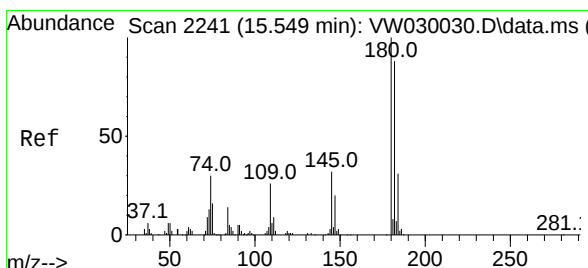
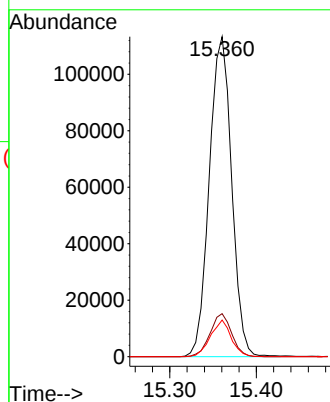
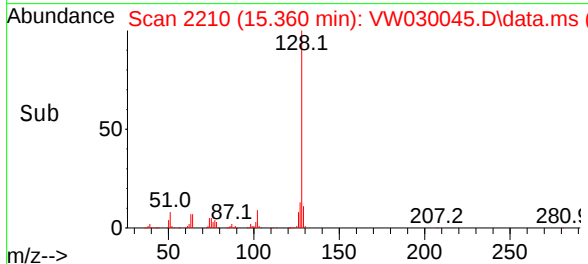


#71
Naphthalene
Concen: 21.995 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 203172
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.6 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 16.098 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW030045.D
Acq: 27 Aug 2024 15:33

Tgt Ion:180 Resp: 68351
Ion Ratio Lower Upper
180 100
182 93.9 77.2 115.8
145 33.4 26.5 39.7

