

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041624\
 Data File : VW028450.D
 Acq On : 16 Apr 2024 14:26
 Operator : SY/MD
 Sample : P2144-11MS
 Misc : 5.09g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E07Z0MS

Quant Time: Apr 17 05:36:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 17 05:34:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	541687	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	474303	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	231449	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	162285	18.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.760%
7) Chloroethane-d5	2.899	69	131697	20.009	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.040%
11) 1,1-Dichloroethene-d2	4.021	65	71986	19.575	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.280%
21) 2-Butanone-d5	7.075	46	79218	48.749	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.500%
24) Chloroform-d	7.648	84	305960	21.646	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	8.307	65	164676	22.418	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.680%
32) Benzene-d6	8.276	84	578614	22.331	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.320%
36) 1,2-Dichloropropane-d6	9.270	67	177223	23.011	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.040%
41) Toluene-d8	10.319	98	525725	22.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.240%
43) trans-1,3-Dichloroprop...	10.575	79	71234	23.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.040%
47) 2-Hexanone-d5	10.922	63	55323	51.856	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	132407	24.366	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	163784	22.376	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	151470	20.790	ug/L	100
3) Chloromethane	2.223	50	174080	20.351	ug/L	99
5) Vinyl chloride	2.375	62	205997	20.222	ug/L	99
6) Bromomethane	2.796	94	122815	19.297	ug/L	96
8) Chloroethane	2.936	64	125340	20.411	ug/L	99
9) Trichlorofluoromethane	3.271	101	178628	21.981	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	150503	19.686	ug/L	96
12) 1,1-Dichloroethene	4.045	96	149779	20.865	ug/L	96
13) Acetone	4.119	43	104632	52.439	ug/L	100
14) Carbon disulfide	4.393	76	467471	19.779	ug/L	99
15) Methyl Acetate	4.673	43	66032	20.568	ug/L	99
16) Methylene chloride	4.923	84	151802	18.520	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	154063	20.374	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	229436	21.570	ug/L	98
19) 1,1-Dichloroethane	6.222	63	308171	20.917	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	168448	20.989	ug/L	98
22) 2-Butanone	7.167	43	109940	45.402	ug/L	99
23) Bromochloromethane	7.520	128	69601	20.134	ug/L	94
25) Chloroform	7.679	83	300894	20.791	ug/L	95

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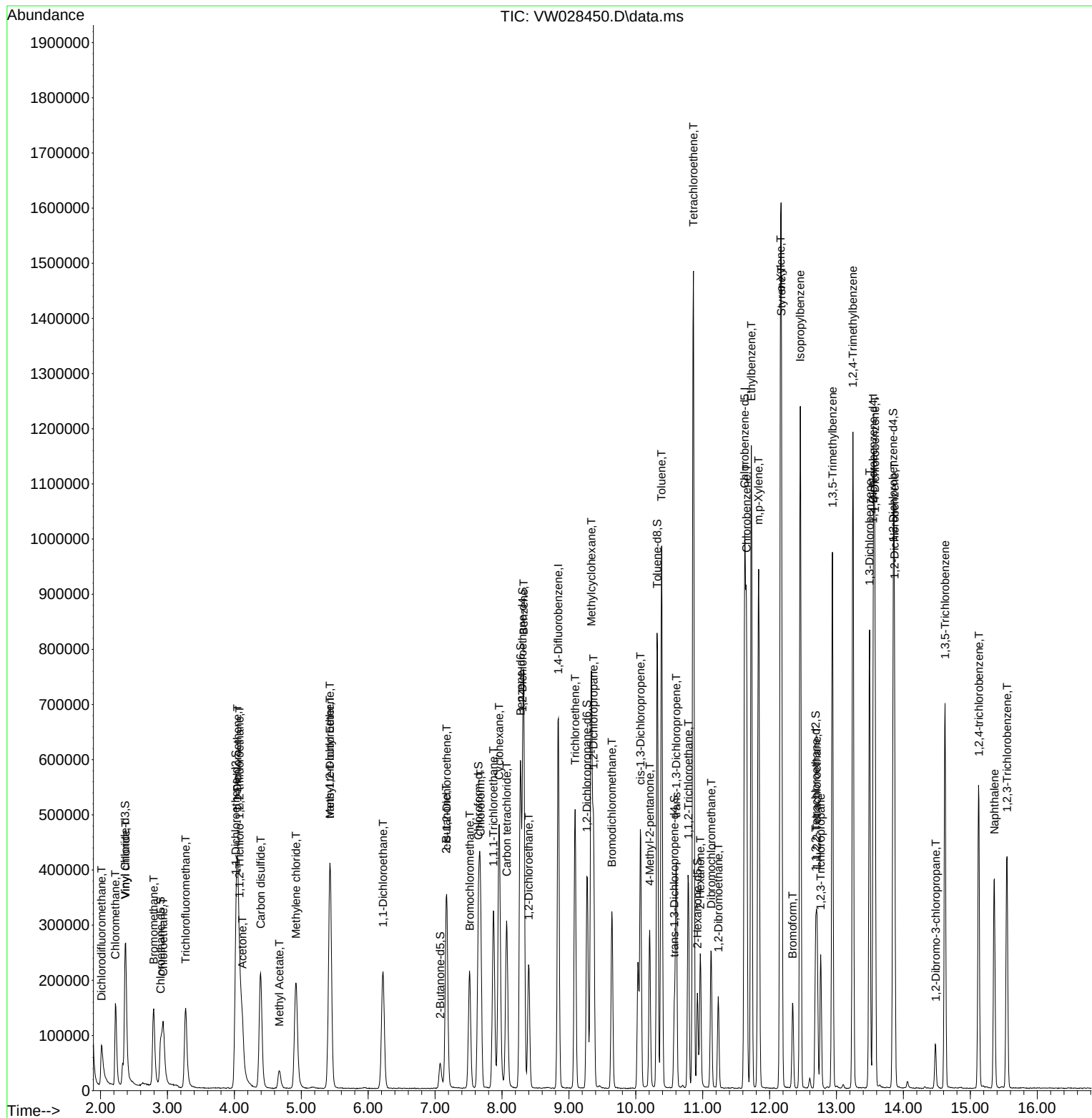
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	205767	20.599	ug/L	99
29) Cyclohexane	7.959	56	280853	22.417	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	253411	22.030	ug/L	99
31) Carbon tetrachloride	8.069	117	224749	22.033	ug/L	98
33) Benzene	8.325	78	637185	21.487	ug/L	100
34) Trichloroethene	9.093	95	172349	21.446	ug/L	97
35) Methylcyclohexane	9.337	83	295817	21.571	ug/L	99
37) 1,2-Dichloropropane	9.368	63	165980	21.475	ug/L	100
38) Bromodichloromethane	9.642	83	208569	21.771	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	259392	22.885	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	190691	49.284	ug/L	98
42) Toluene	10.386	91	688959	21.930	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	210770	22.986	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	114332	21.864	ug/L	97
46) Tetrachloroethene	10.861	164	304503	50.726	ug/L	81
48) 2-Hexanone	10.965	43	156939	51.100	ug/L	97
49) Dibromochloromethane	11.129	129	121921	21.814	ug/L	98
50) 1,2-Dibromoethane	11.233	107	106278	22.268	ug/L	92
51) Chlorobenzene	11.654	112	404137	20.695	ug/L	98
52) Ethylbenzene	11.727	91	783997	22.014	ug/L	99
53) m,p-Xylene	11.837	106	287731	21.726	ug/L	98
54) o-Xylene	12.166	106	268325	21.760	ug/L	98
55) Styrene	12.178	104	468616	22.328	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	129727	21.922	ug/L	94
59) Bromoform	12.343	173	67811	22.196	ug/L	100
60) Isopropylbenzene	12.458	105	771751	22.242	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	93583	22.116	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	511012	23.106	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	613028	23.033	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	320041	21.738	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	314036	20.968	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	273513	21.120	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	20335	20.971	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	194778	19.226	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	163053	20.609	ug/L	94
71) Naphthalene	15.360	128	310120	22.148	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	131486	18.729	ug/L	98

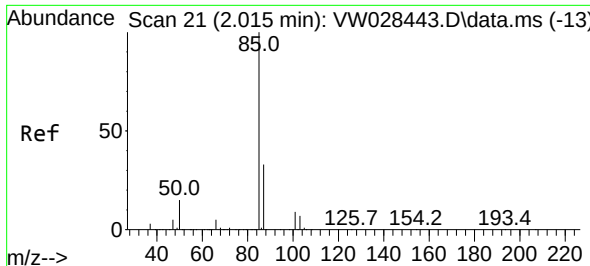
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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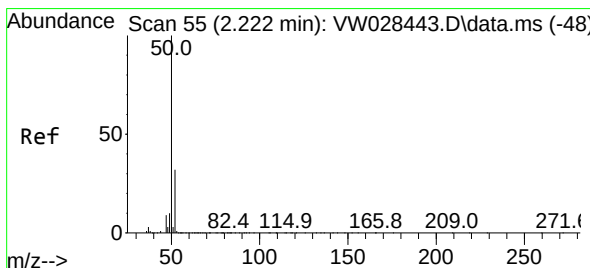
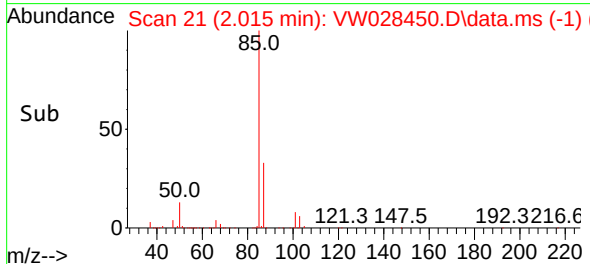
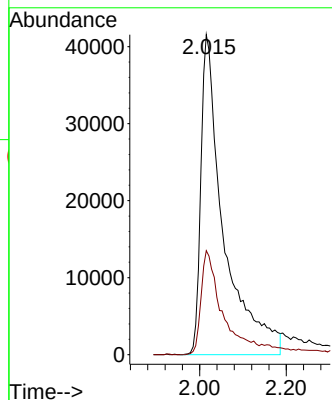
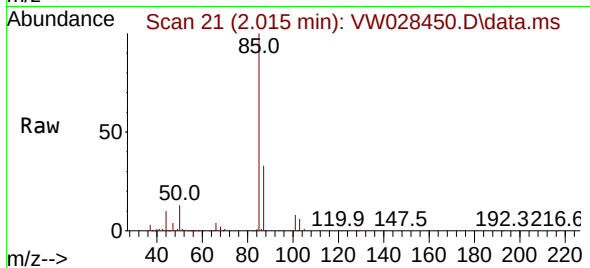




#2
Dichlorodifluoromethane
Concen: 20.790 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

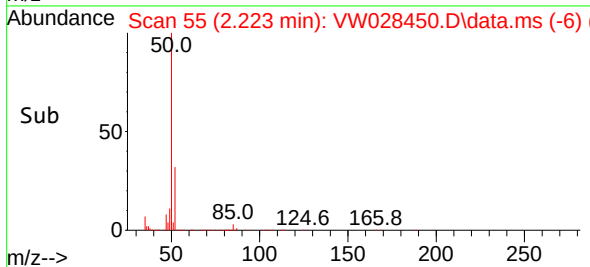
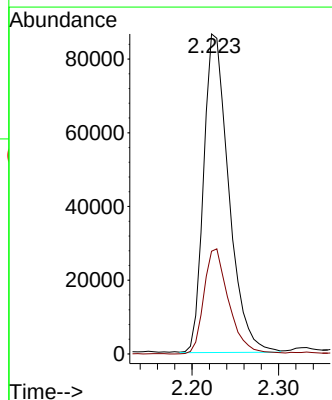
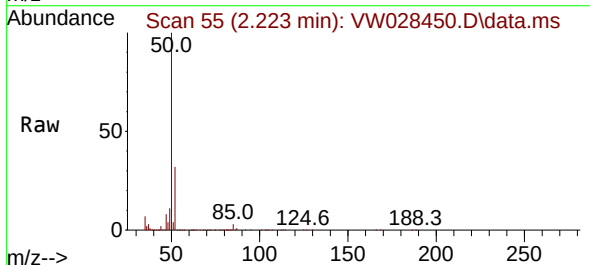
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MS

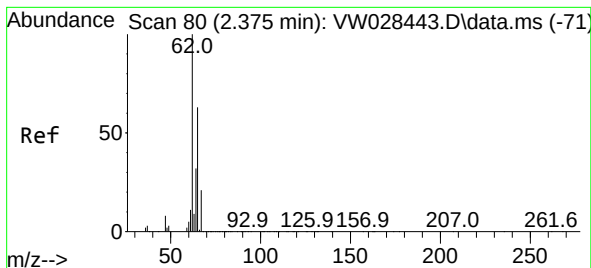
Tgt Ion: 85 Resp: 151470
Ion Ratio Lower Upper
85 100
87 29.1 23.4 35.0



#3
Chloromethane
Concen: 20.351 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

Tgt Ion: 50 Resp: 174080
Ion Ratio Lower Upper
50 100
52 32.1 23.0 42.6





#5

Vinyl chloride

Concen: 20.222 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

Instrument :

MSVOA_W

ClientSampleId :

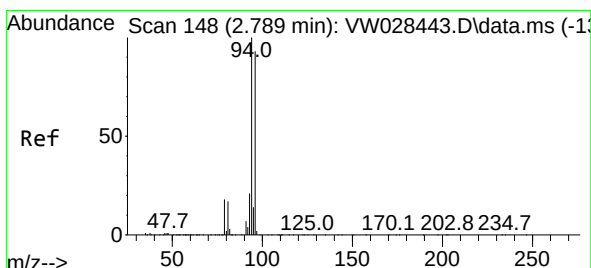
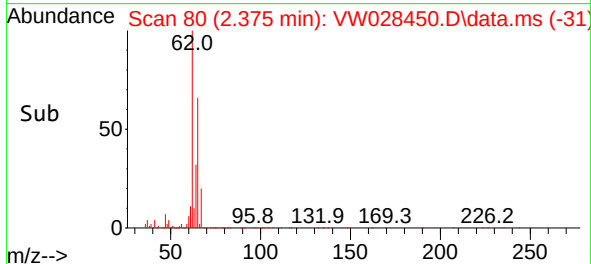
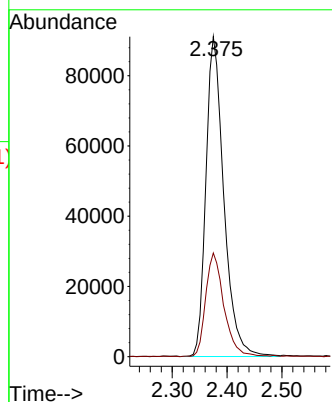
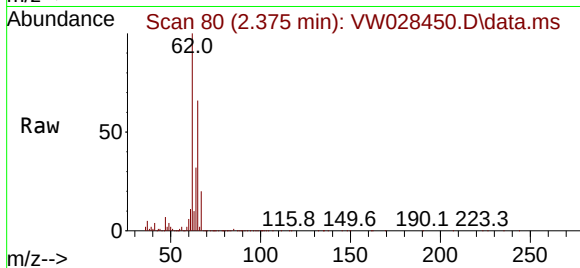
E07Z0MS

Tgt Ion: 62 Resp: 205997

Ion Ratio Lower Upper

62 100

64 32.4 23.1 42.9



#6

Bromomethane

Concen: 19.297 ug/L

RT: 2.796 min Scan# 149

Delta R.T. 0.006 min

Lab File: VW028450.D

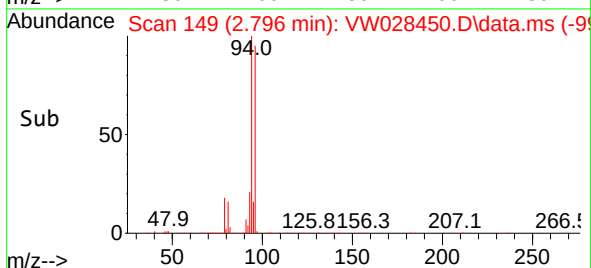
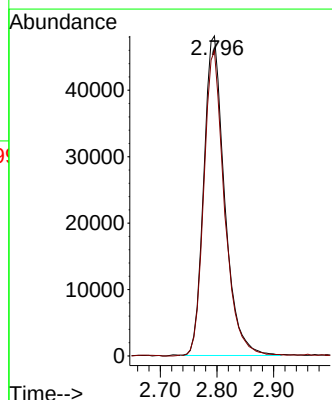
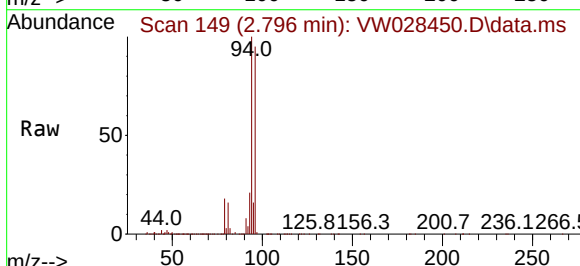
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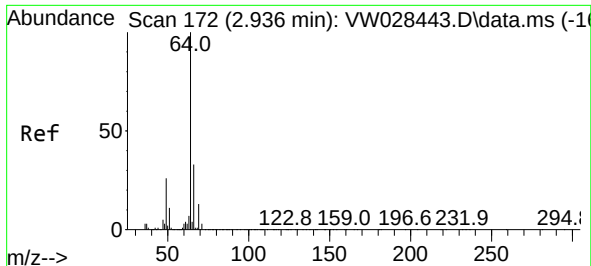
Tgt Ion: 94 Resp: 122815

Ion Ratio Lower Upper

94 100

96 95.3 64.3 119.5

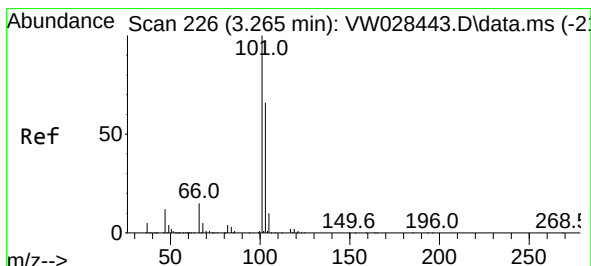
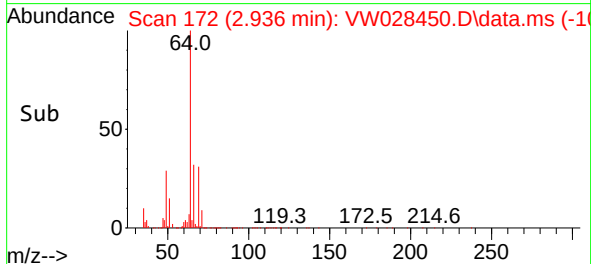
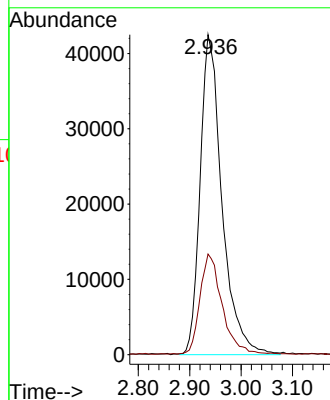
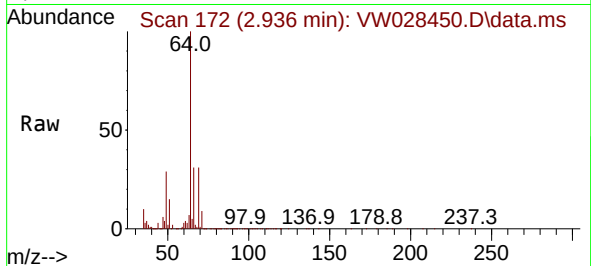




#8
Chloroethane
Concen: 20.411 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

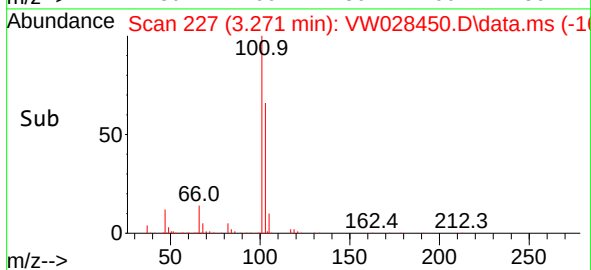
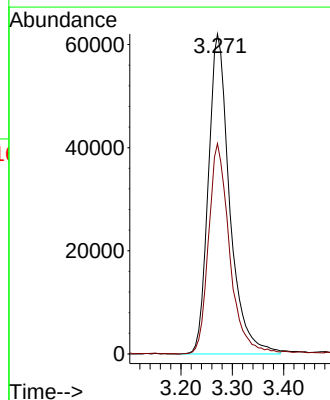
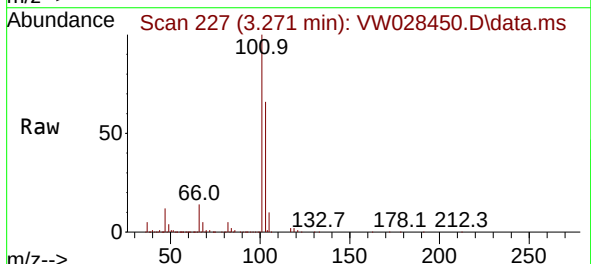
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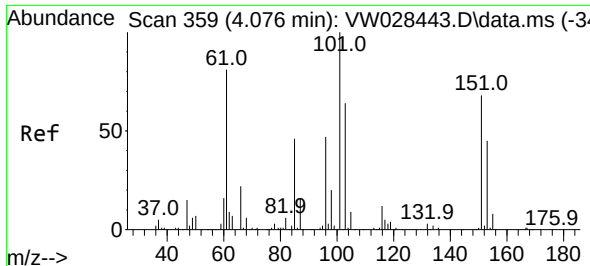
Tgt Ion: 64 Resp: 125340
Ion Ratio Lower Upper
64 100
66 31.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.981 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

Tgt Ion: 101 Resp: 178628
Ion Ratio Lower Upper
101 100
103 65.1 52.0 78.0

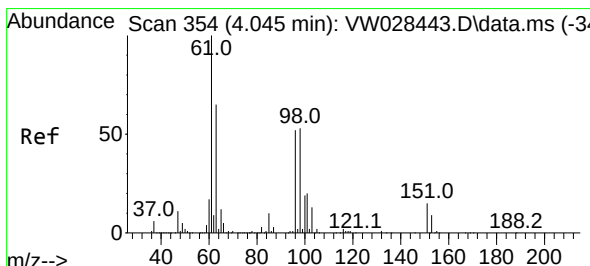
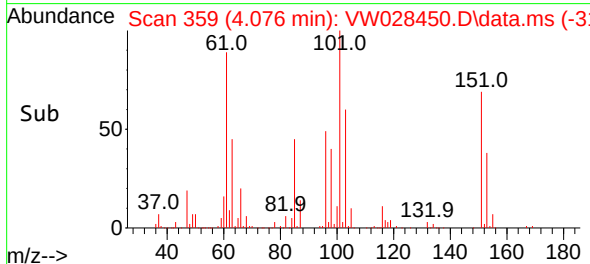
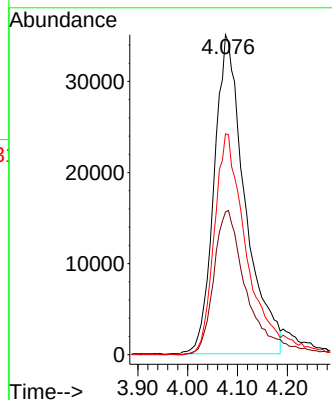
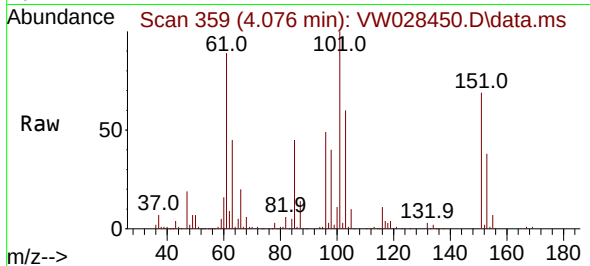




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.686 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW028450.D
 Acq: 16 Apr 2024 14:26

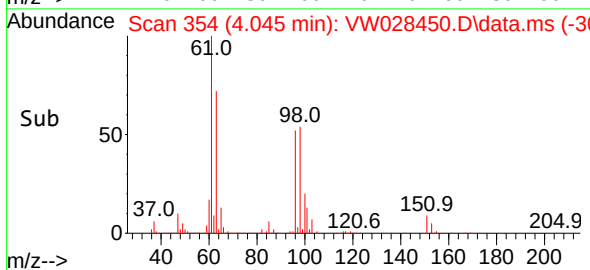
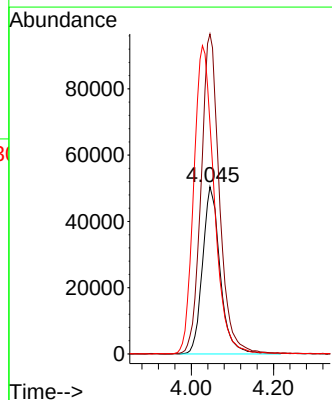
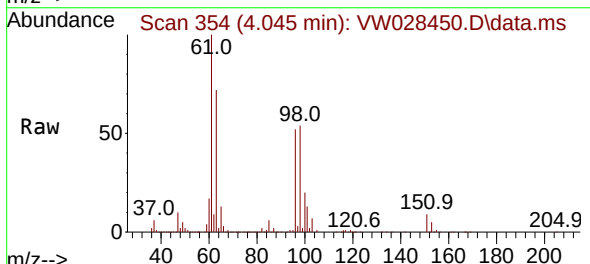
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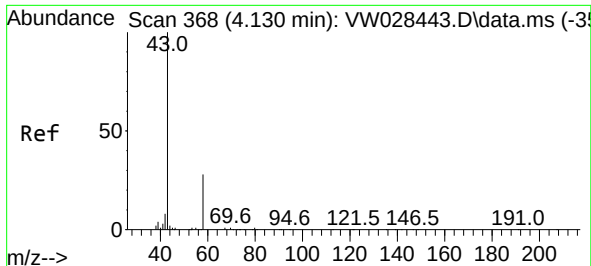
Tgt Ion:101 Resp: 150503
 Ion Ratio Lower Upper
 101 100
 85 47.3 34.5 51.7
 151 70.2 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 20.865 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW028450.D
 Acq: 16 Apr 2024 14:26

Tgt Ion: 96 Resp: 149779
 Ion Ratio Lower Upper
 96 100
 61 191.5 130.5 242.5
 63 137.8 101.5 188.5





#13

Acetone

Concen: 52.439 ug/L

RT: 4.119 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

Instrument :

MSVOA_W

ClientSampleId :

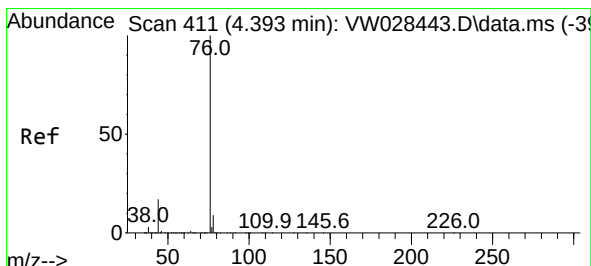
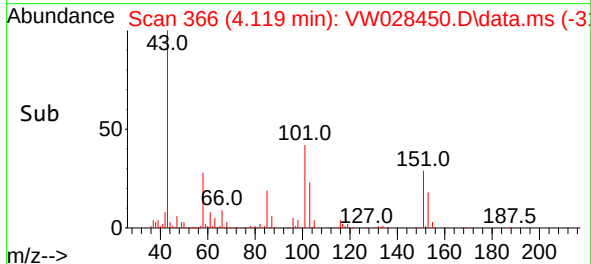
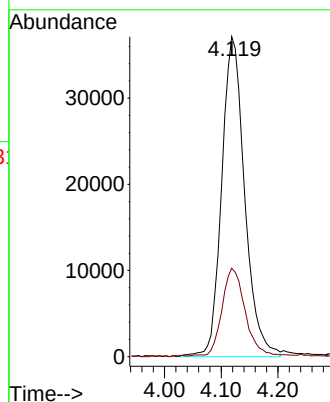
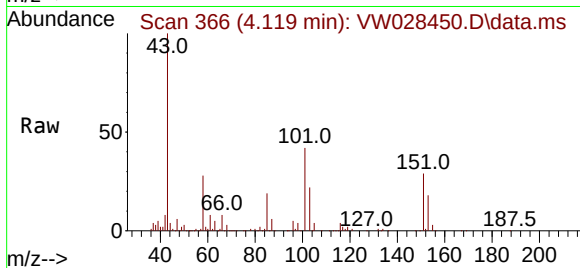
E07Z0MS

Tgt Ion: 43 Resp: 104632

Ion Ratio Lower Upper

43 100

58 26.5 0.0 53.4



#14

Carbon disulfide

Concen: 19.779 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW028450.D

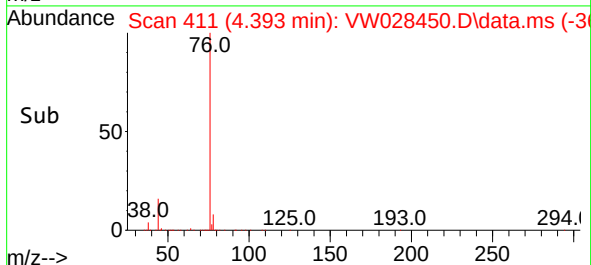
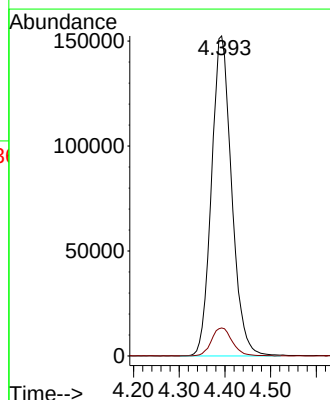
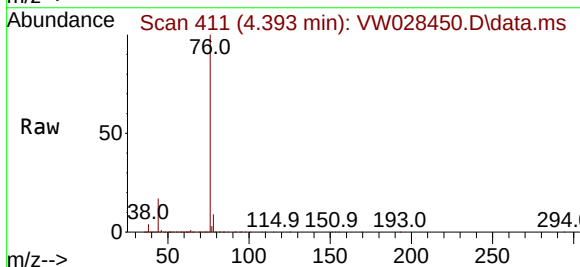
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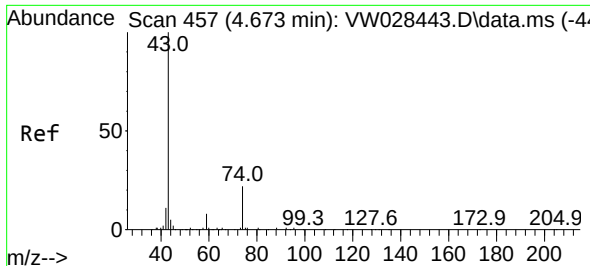
Tgt Ion: 76 Resp: 467471

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

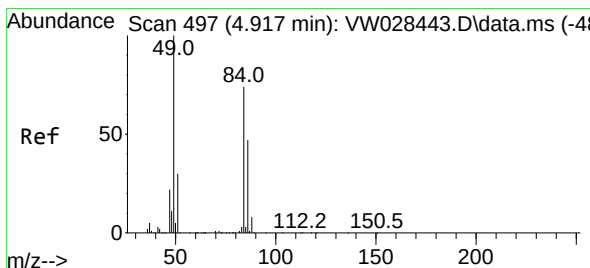
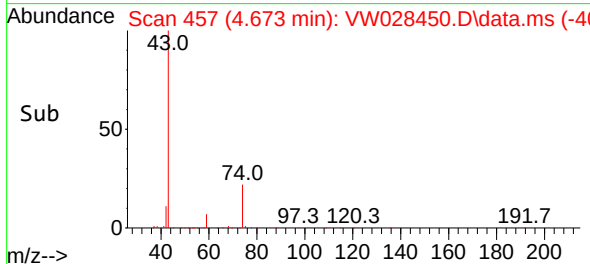
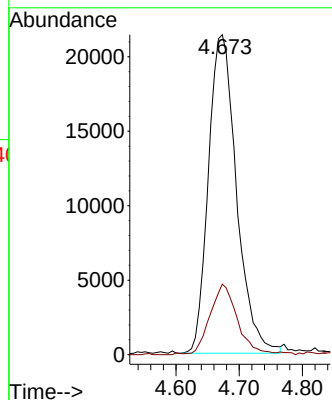
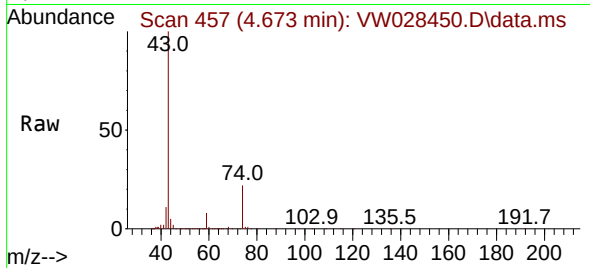




#15
Methyl Acetate
Concen: 20.568 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

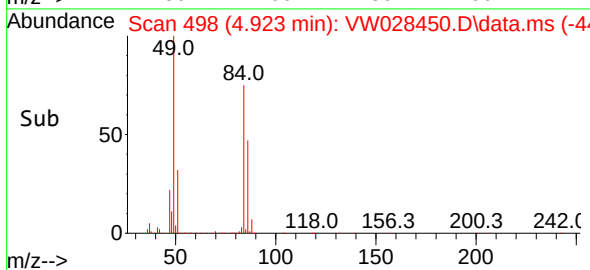
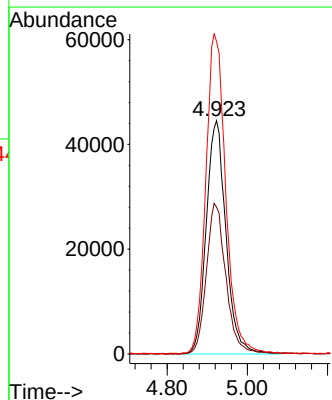
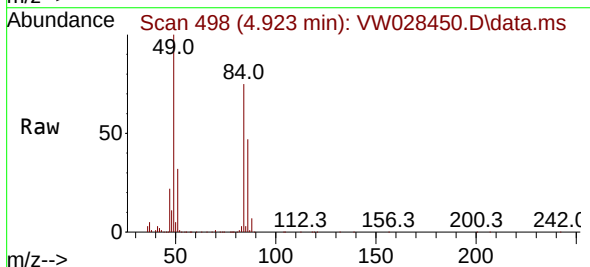
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MS

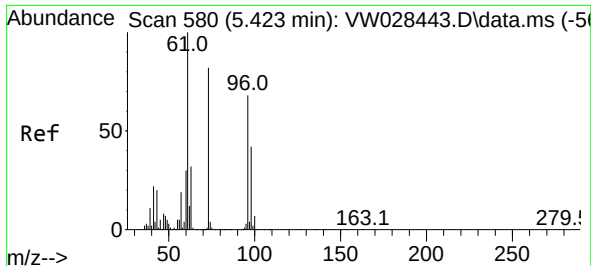
Tgt Ion: 43 Resp: 66032
Ion Ratio Lower Upper
43 100
74 21.2 17.4 26.0



#16
Methylene chloride
Concen: 18.520 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

Tgt Ion: 84 Resp: 151802
Ion Ratio Lower Upper
84 100
86 62.9 44.2 82.0
49 134.0 95.0 176.4

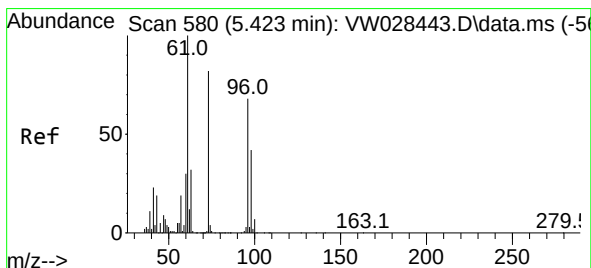
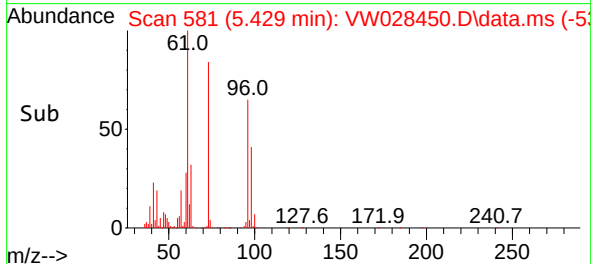
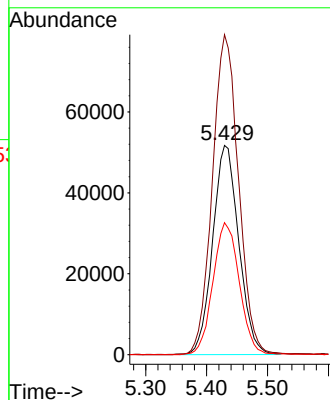
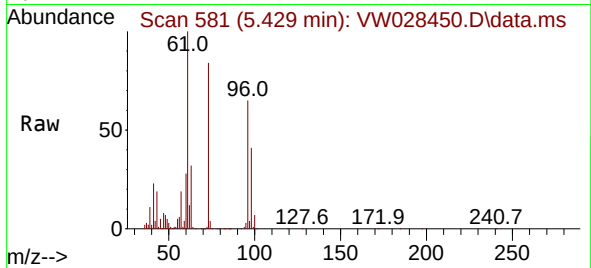




#17
trans-1,2-Dichloroethene
Concen: 20.374 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

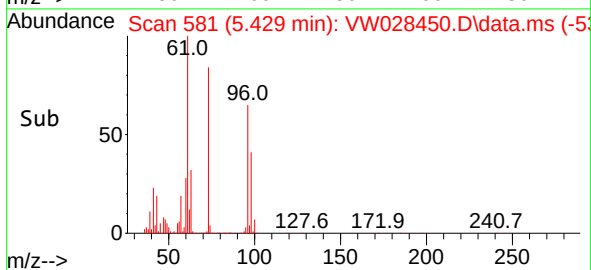
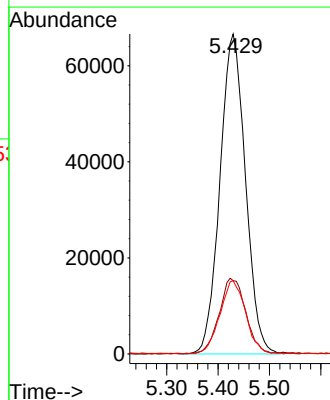
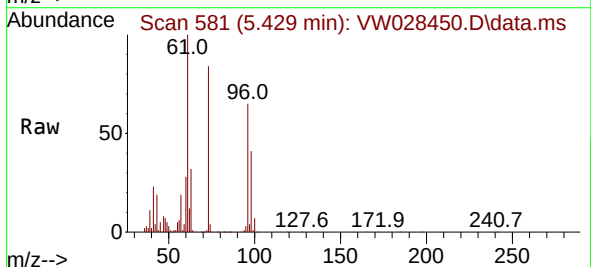
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MS

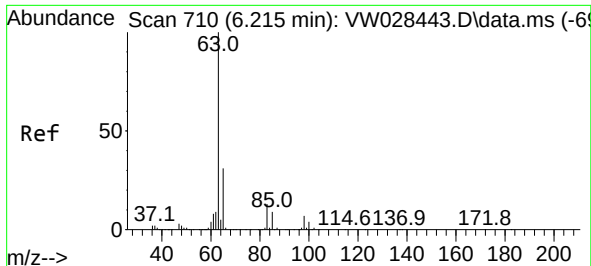
Tgt Ion: 96 Resp: 154063
Ion Ratio Lower Upper
96 100
61 152.9 108.4 201.4
98 63.0 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 21.570 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

Tgt Ion: 73 Resp: 229436
Ion Ratio Lower Upper
73 100
43 24.2 18.5 27.7
57 23.2 18.2 27.4





#19

1,1-Dichloroethane

Concen: 20.917 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

Instrument :

MSVOA_W

ClientSampleId :

E07Z0MS

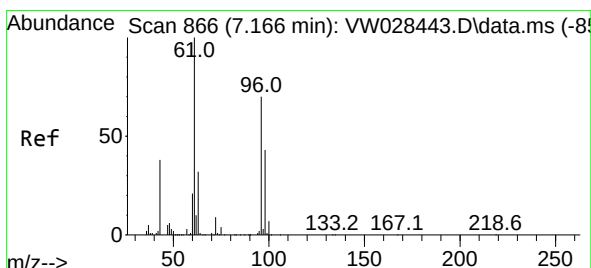
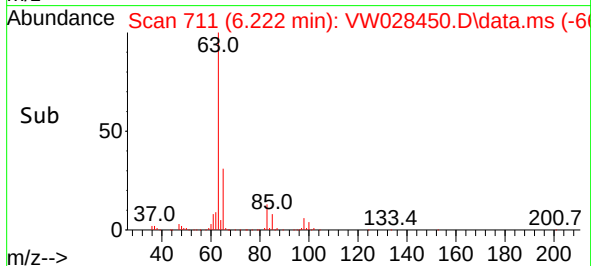
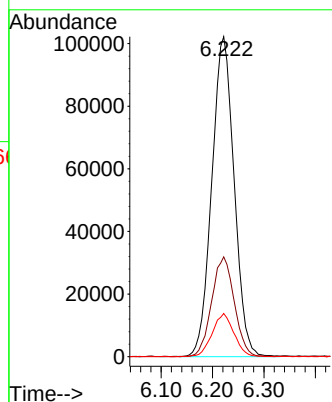
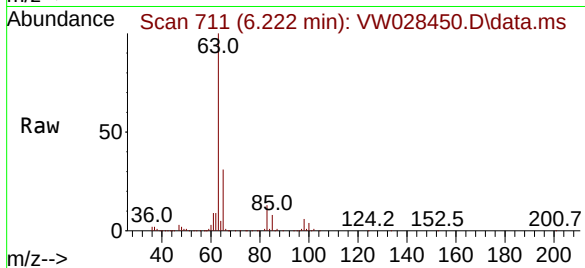
Tgt Ion: 63 Resp: 308171

Ion Ratio Lower Upper

63 100

65 31.2 21.8 40.4

83 13.5 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 20.989 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

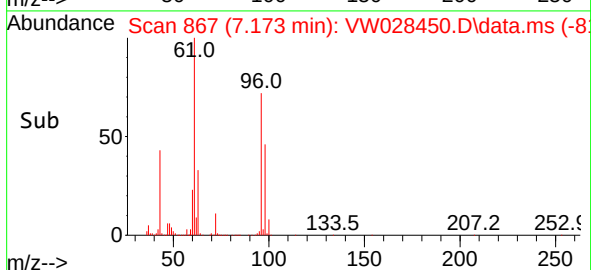
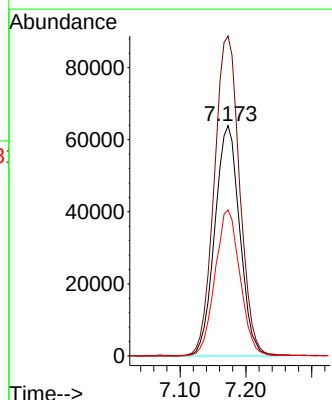
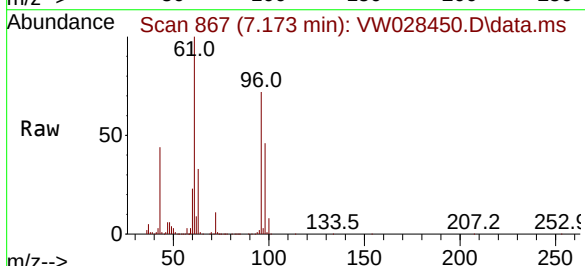
Tgt Ion: 96 Resp: 168448

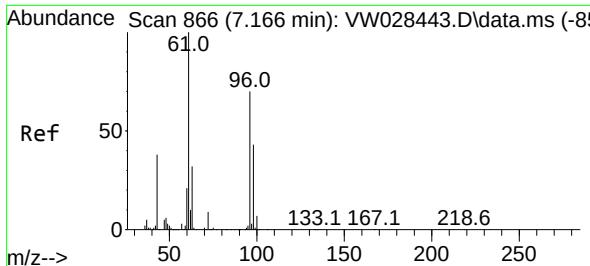
Ion Ratio Lower Upper

96 100

61 138.9 97.6 181.2

98 63.4 47.7 88.5

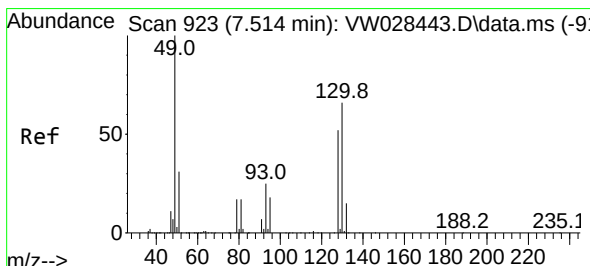
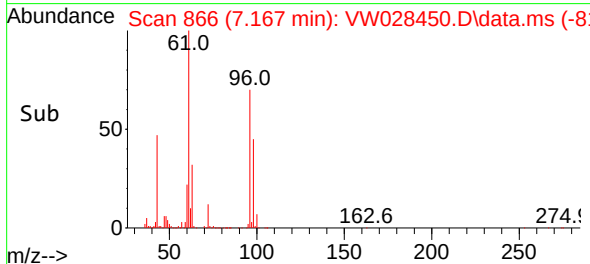
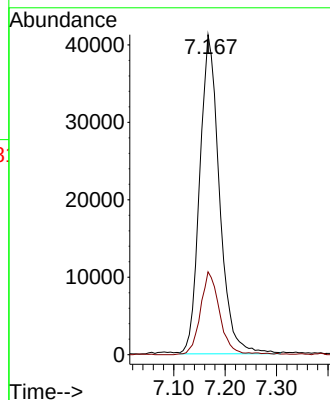
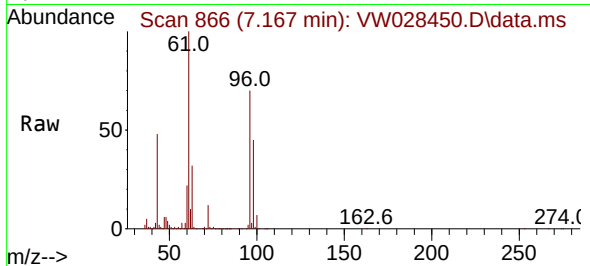




#22
2-Butanone
Concen: 45.402 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

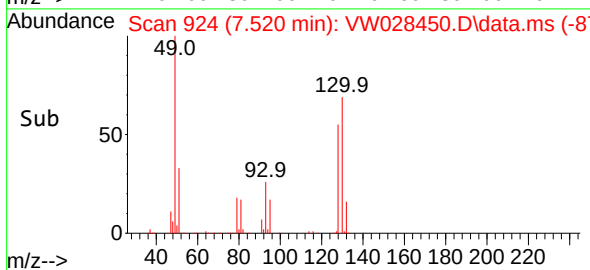
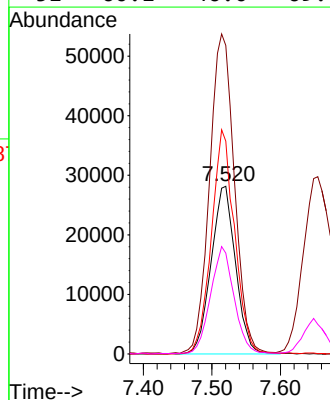
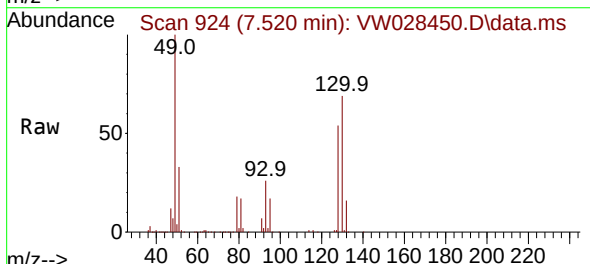
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MS

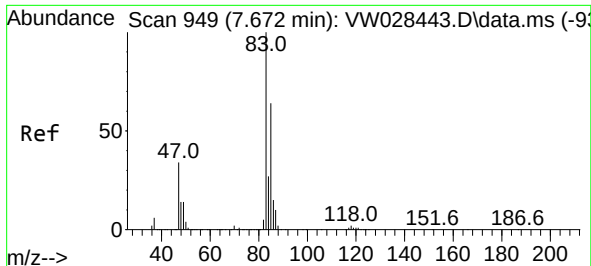
Tgt Ion: 43 Resp: 109940
Ion Ratio Lower Upper
43 100
72 24.9 12.8 38.4



#23
Bromochloromethane
Concen: 20.134 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

Tgt Ion: 128 Resp: 69601
Ion Ratio Lower Upper
128 100
49 184.0 127.1 236.0
130 126.9 78.3 145.5
51 60.1 46.0 69.0

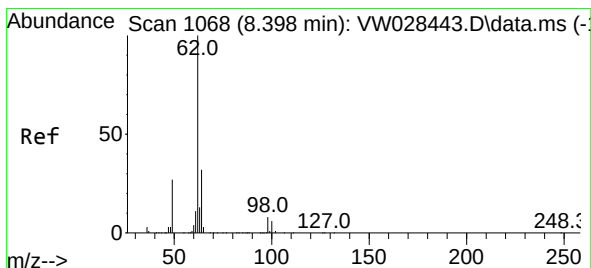
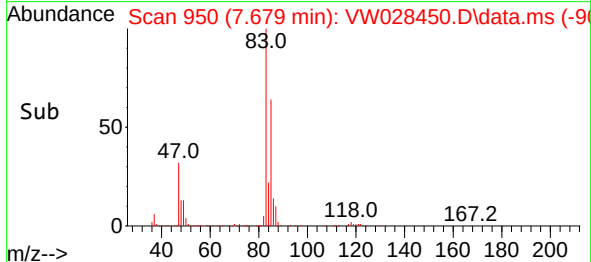
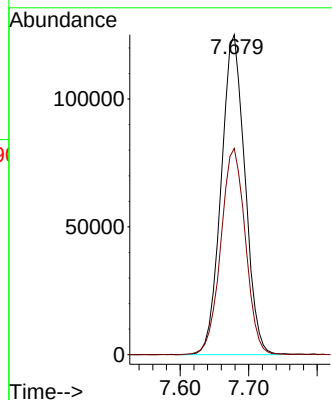
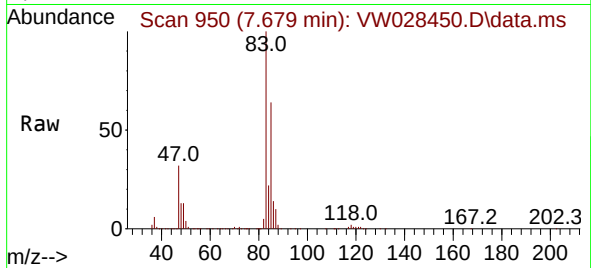




#25
Chloroform
Concen: 20.791 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

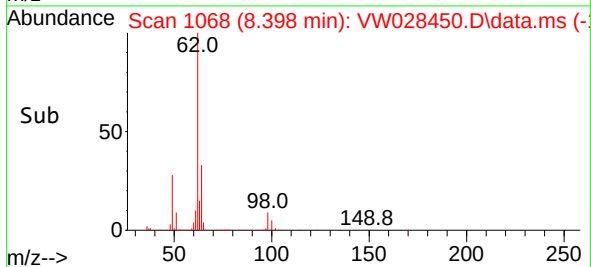
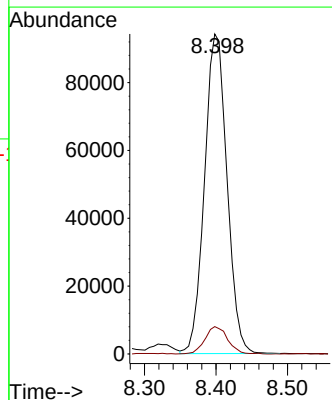
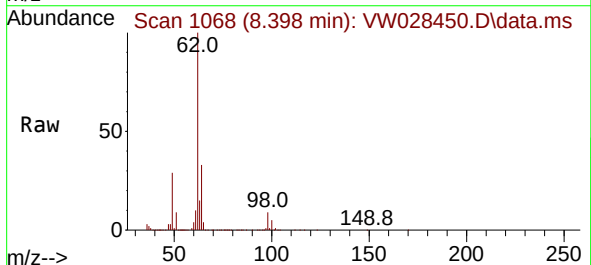
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MS

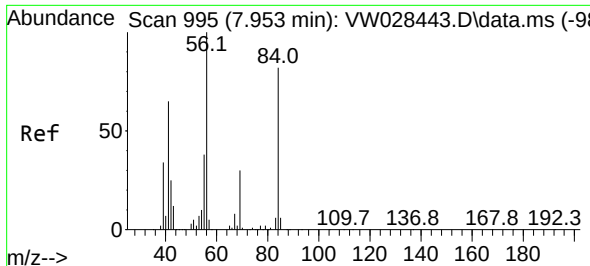
Tgt Ion: 83 Resp: 300894
Ion Ratio Lower Upper
83 100
85 64.4 47.7 88.7



#27
1,2-Dichloroethane
Concen: 20.599 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

Tgt Ion: 62 Resp: 205767
Ion Ratio Lower Upper
62 100
98 8.5 6.6 10.0

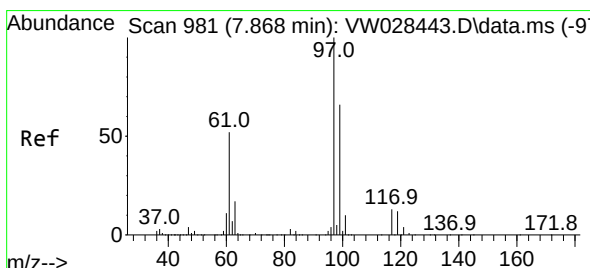
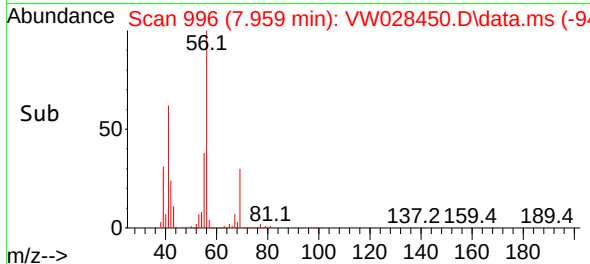
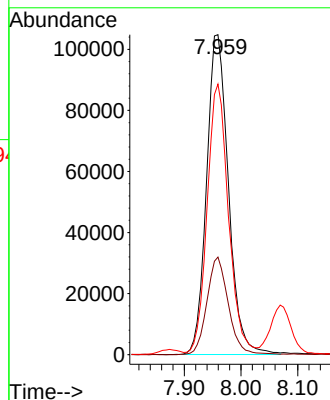
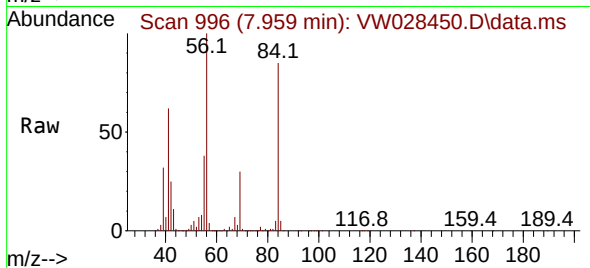




#29
Cyclohexane
Concen: 22.417 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

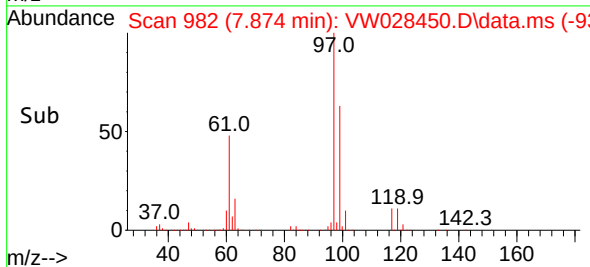
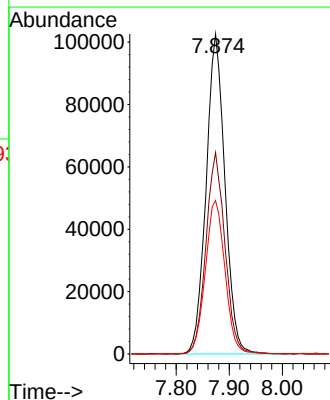
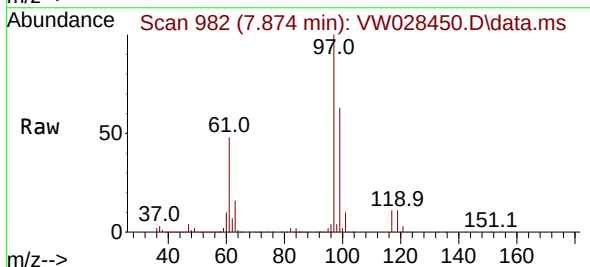
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MS

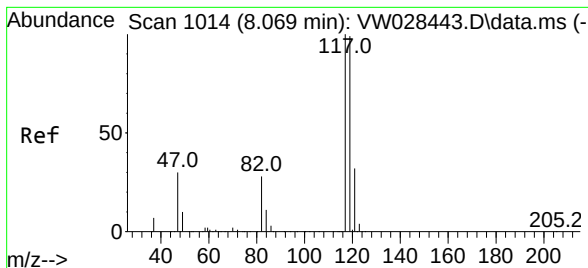
Tgt Ion: 56 Resp: 280853
Ion Ratio Lower Upper
56 100
69 29.9 23.8 35.6
84 82.6 65.9 98.9



#30
1,1,1-Trichloroethane
Concen: 22.030 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

Tgt Ion: 97 Resp: 253411
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.2
61 50.3 40.5 60.7

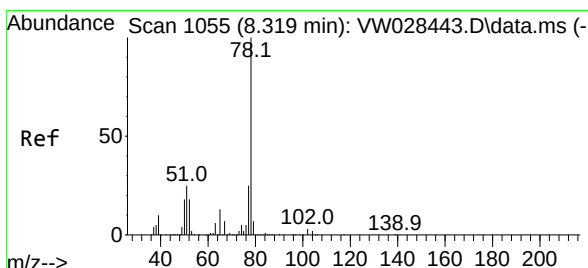
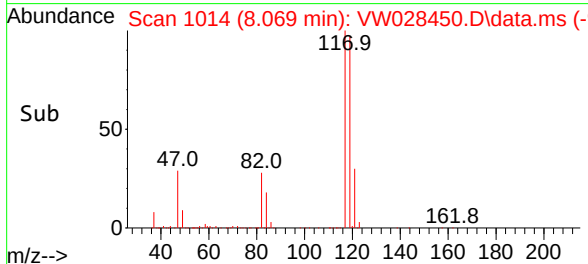
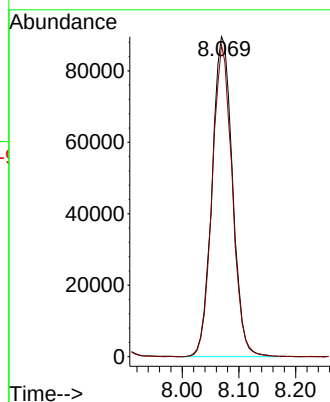
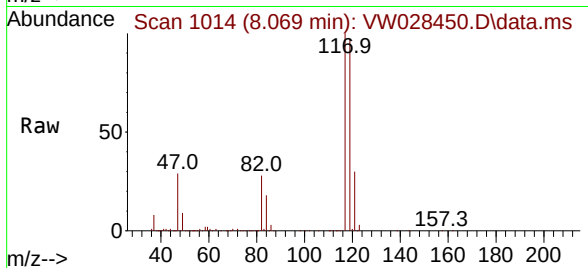




#31
Carbon tetrachloride
Concen: 22.033 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

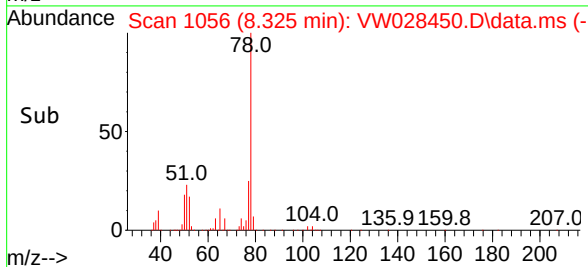
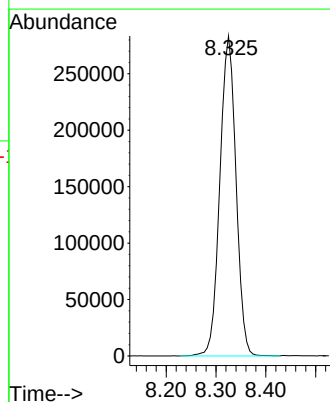
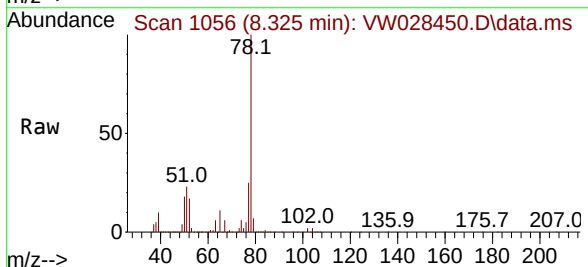
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MS

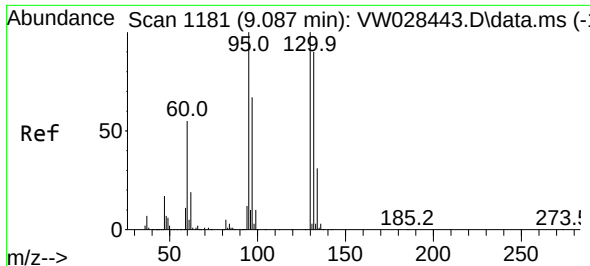
Tgt Ion:117 Resp: 224749
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.2



#33
Benzene
Concen: 21.487 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

Tgt Ion: 78 Resp: 637185



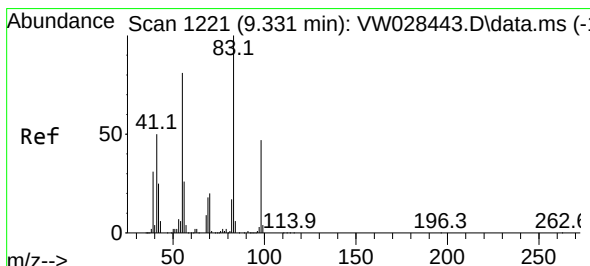
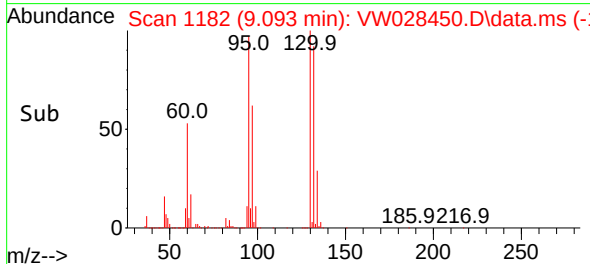
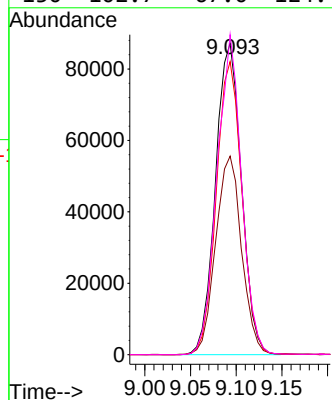
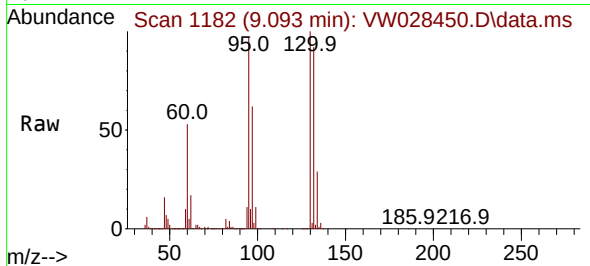


#34
Trichloroethene
Concen: 21.446 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

Instrument :
MSVOA_W
ClientSampleId :
E07Z0MS

Tgt Ion: 95 Resp: 172349

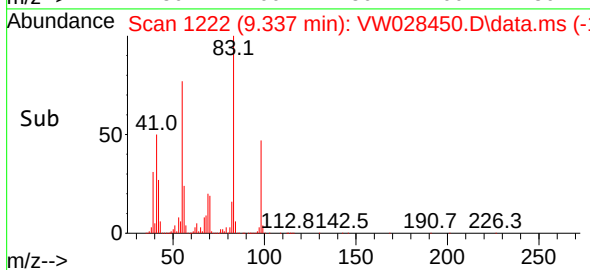
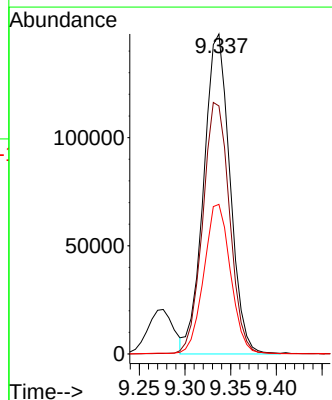
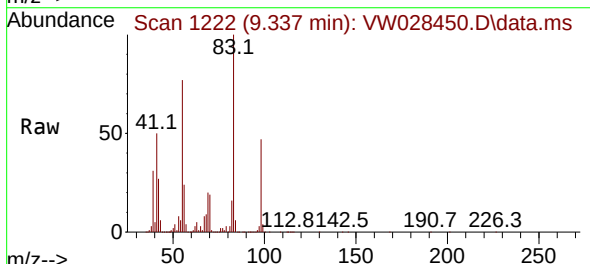
Ion	Ratio	Lower	Upper
95	100		
97	63.8	43.8	81.4
132	94.1	66.1	122.8
130	102.7	67.0	124.4

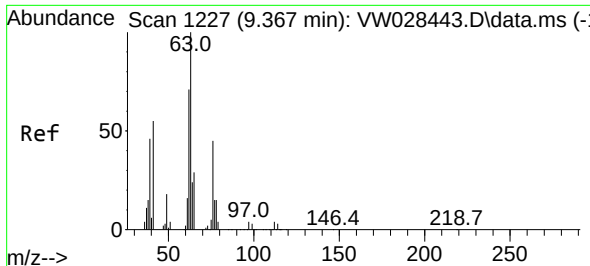


#35
Methylcyclohexane
Concen: 21.571 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

Tgt Ion: 83 Resp: 295817

Ion	Ratio	Lower	Upper
83	100		
55	80.7	65.7	98.5
98	47.7	38.6	58.0





#37

1,2-Dichloropropane

Concen: 21.475 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

Instrument :

MSVOA_W

ClientSampleId :

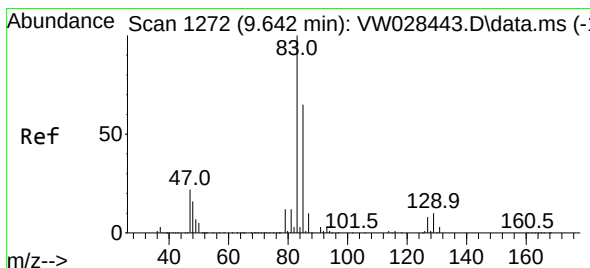
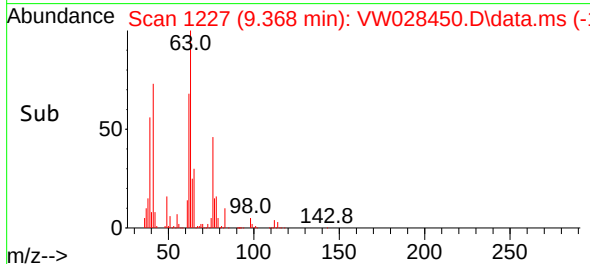
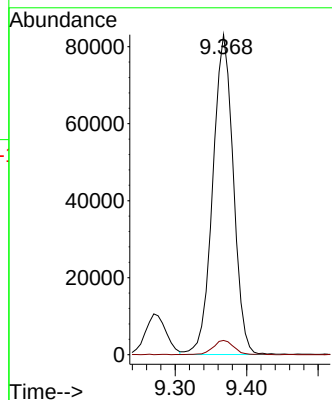
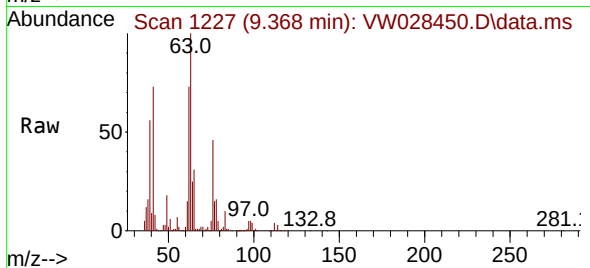
E07Z0MS

Tgt Ion: 63 Resp: 165980

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 21.771 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

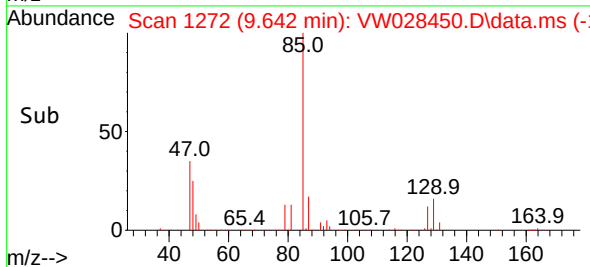
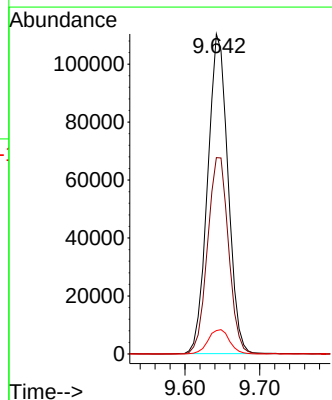
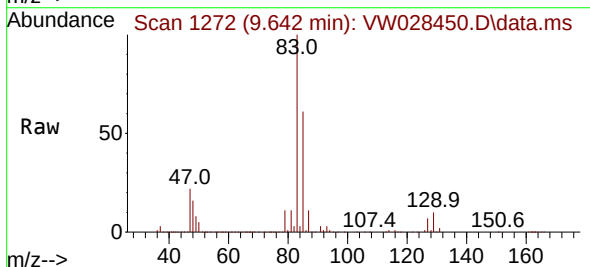
Tgt Ion: 83 Resp: 208569

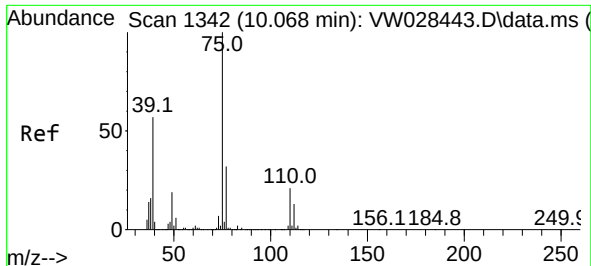
Ion Ratio Lower Upper

83 100

85 61.4 43.1 80.1

127 7.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 22.885 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

Instrument :

MSVOA_W

ClientSampleId :

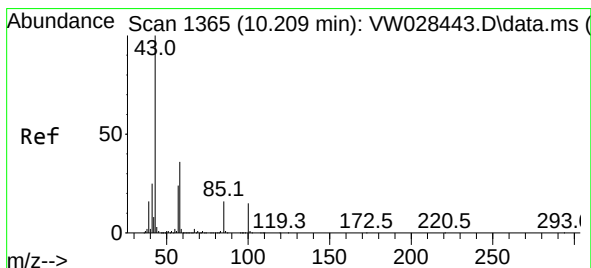
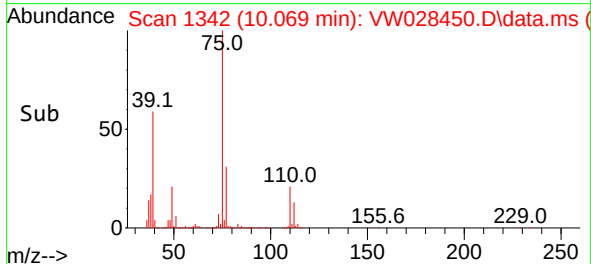
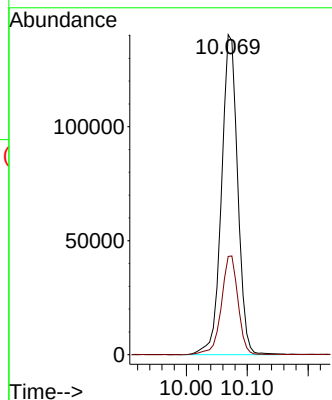
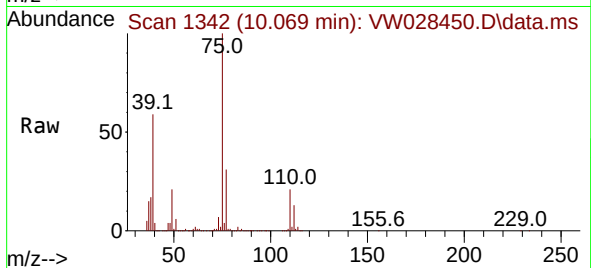
E07Z0MS

Tgt Ion: 75 Resp: 259392

Ion Ratio Lower Upper

75 100

77 30.7 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 49.284 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

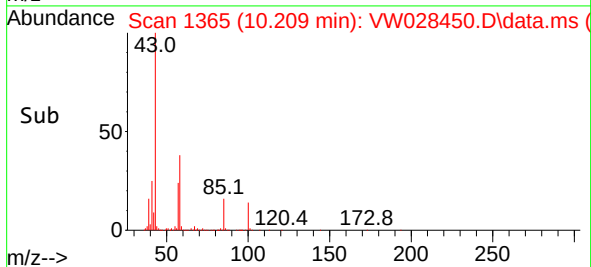
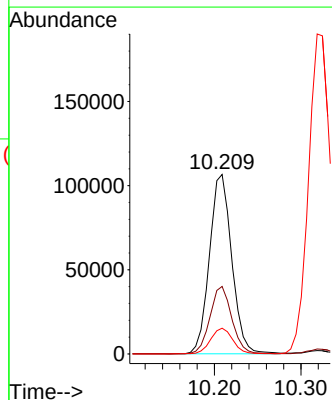
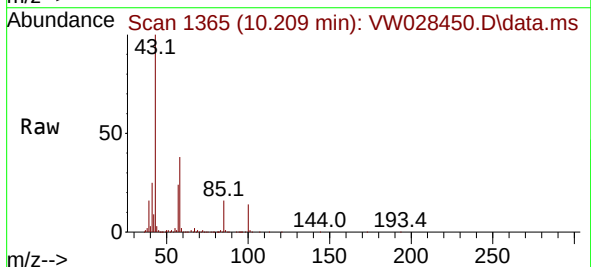
Tgt Ion: 43 Resp: 190691

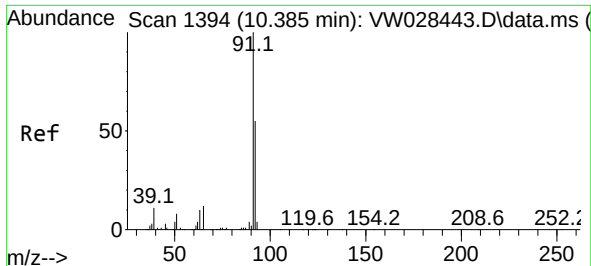
Ion Ratio Lower Upper

43 100

58 37.1 28.6 43.0

100 14.4 10.6 16.0





#42

Toluene

Concen: 21.930 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

Instrument :

MSVOA_W

ClientSampleId :

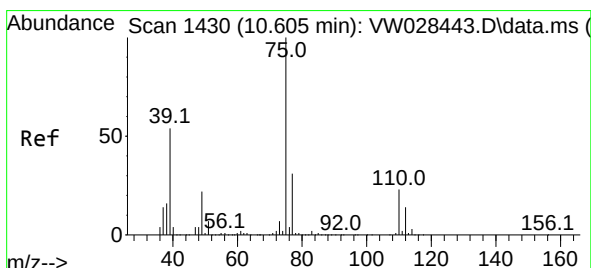
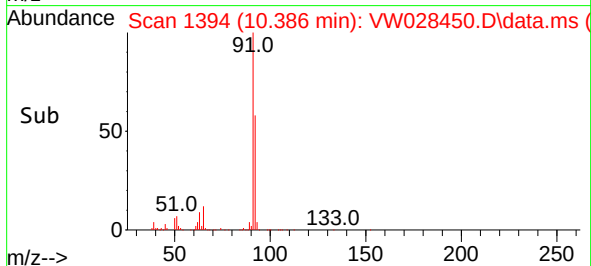
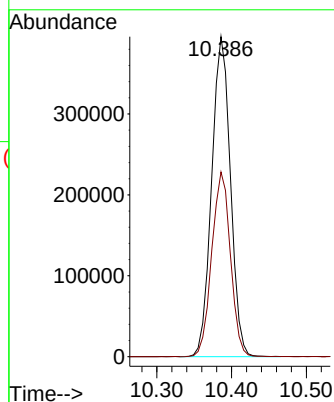
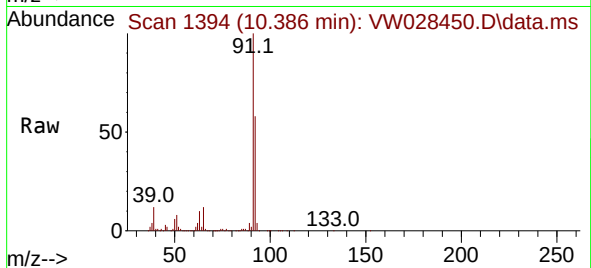
E07Z0MS

Tgt Ion: 91 Resp: 688959

Ion Ratio Lower Upper

91 100

92 57.7 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 22.986 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028450.D

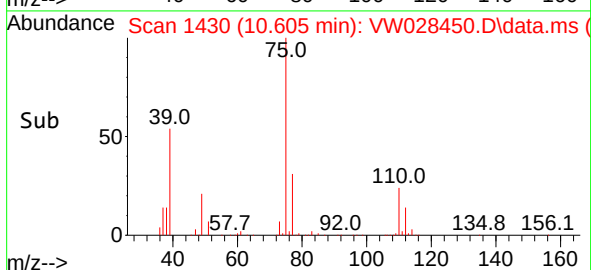
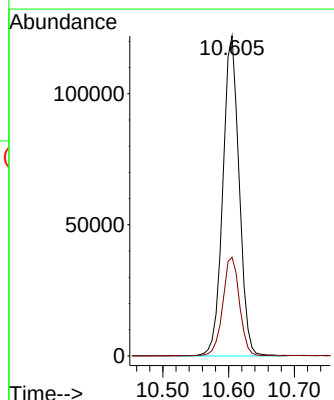
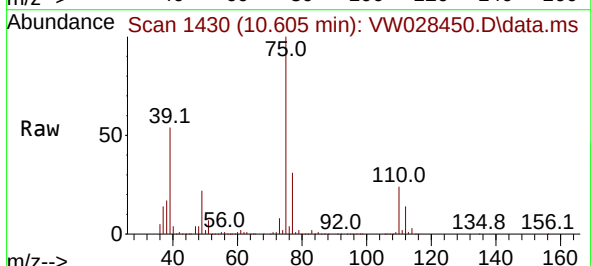
Acq: 16 Apr 2024 14:26

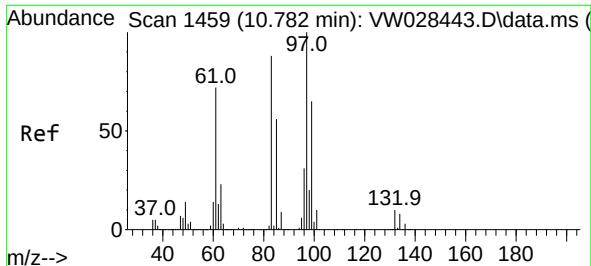
Tgt Ion: 75 Resp: 210770

Ion Ratio Lower Upper

75 100

77 30.8 22.6 42.0



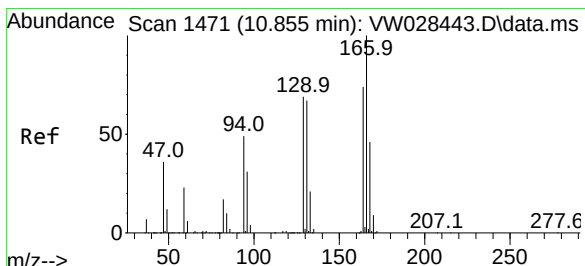
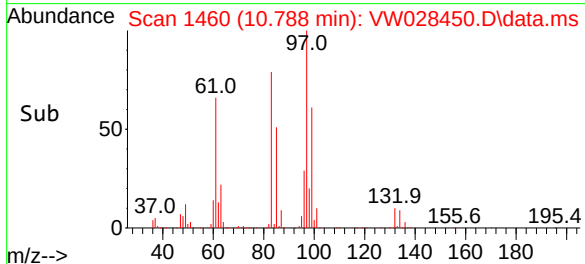
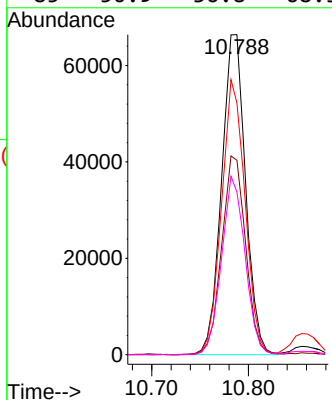
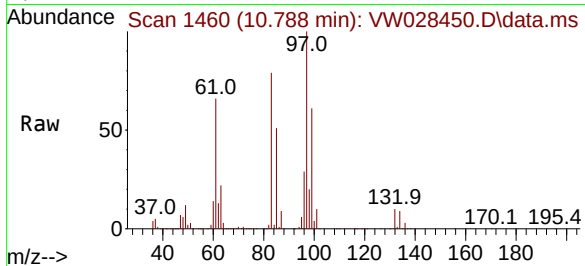


#45
1,1,2-Trichloroethane
Concen: 21.864 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

Instrument :
MSVOA_W
ClientSampleId :
E07Z0MS

Tgt Ion: 97 Resp: 114332

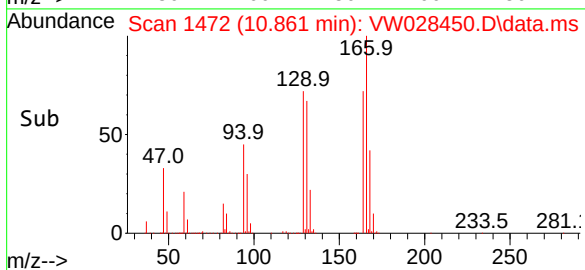
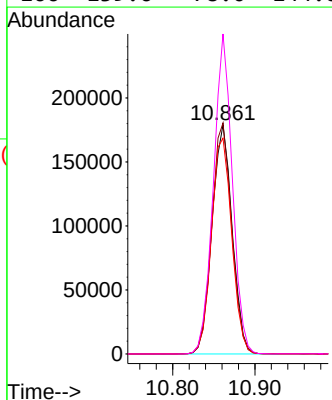
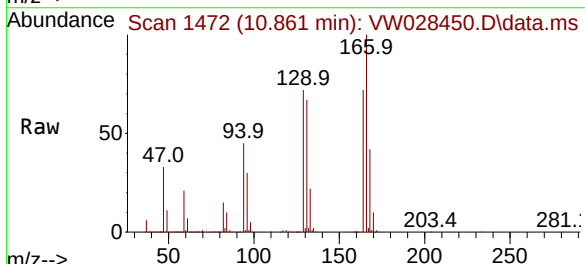
Ion	Ratio	Lower	Upper
97	100		
99	60.7	44.2	82.2
83	78.6	56.4	104.7
85	50.9	36.8	68.3

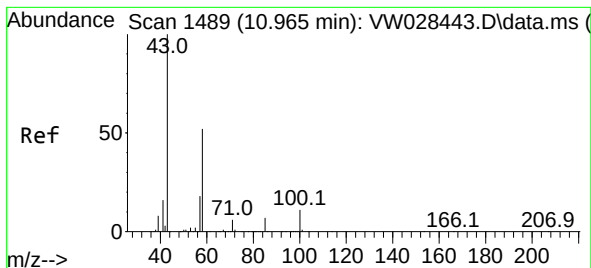


#46
Tetrachloroethene
Concen: 50.726 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

Tgt Ion: 164 Resp: 304503

Ion	Ratio	Lower	Upper
164	100		
129	100.8	59.7	110.9
131	94.2	58.2	108.2
166	139.6	78.0	144.8





#48

2-Hexanone

Concen: 51.100 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

Instrument :

MSVOA_W

ClientSampleId :

E07Z0MS

Tgt Ion: 43 Resp: 156939

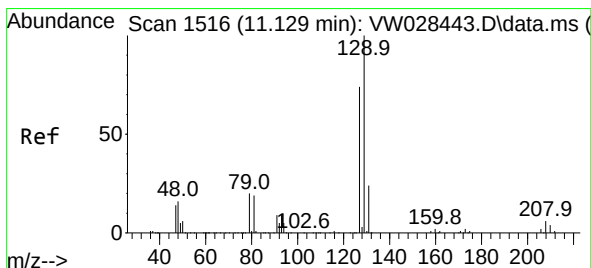
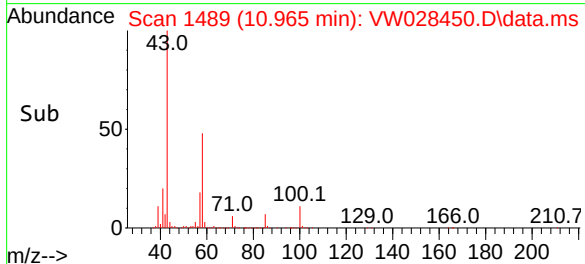
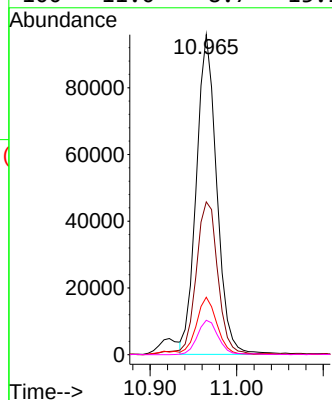
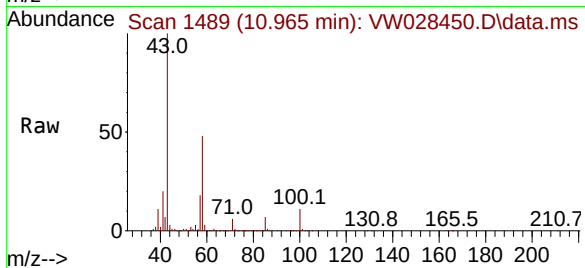
Ion Ratio Lower Upper

43 100

58 51.3 38.9 58.3

57 17.9 14.4 21.6

100 11.0 8.7 13.1



#49

Dibromochloromethane

Concen: 21.814 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW028450.D

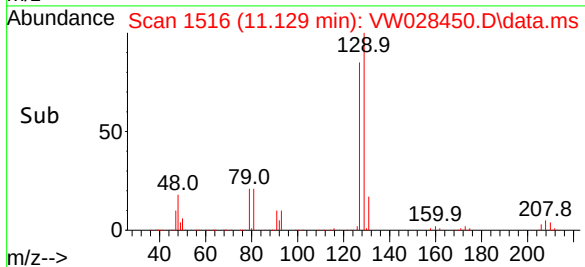
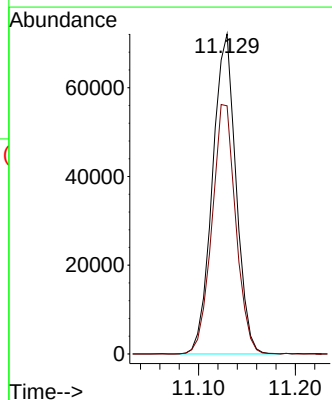
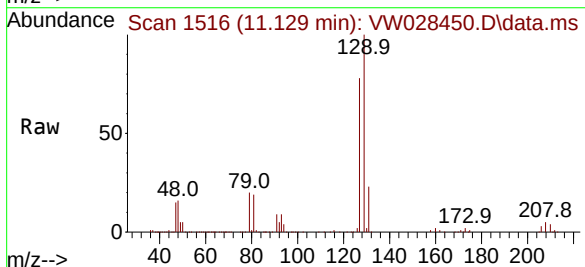
Acq: 16 Apr 2024 14:26

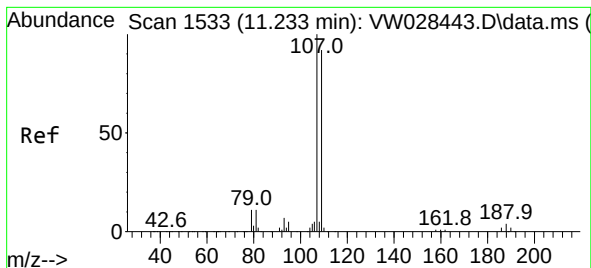
Tgt Ion: 129 Resp: 121921

Ion Ratio Lower Upper

129 100

127 77.6 53.0 98.4

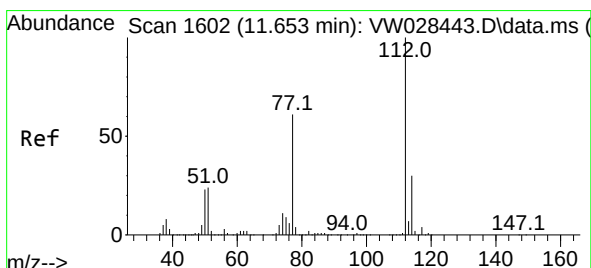
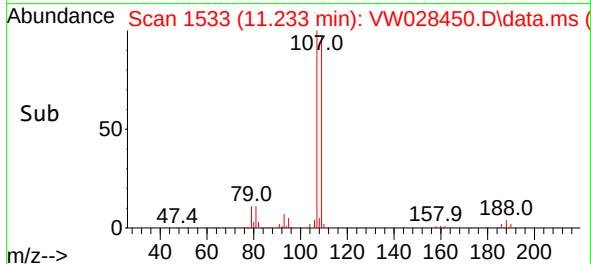
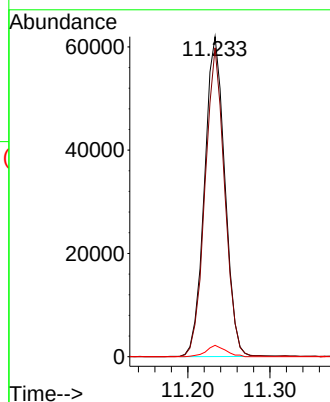
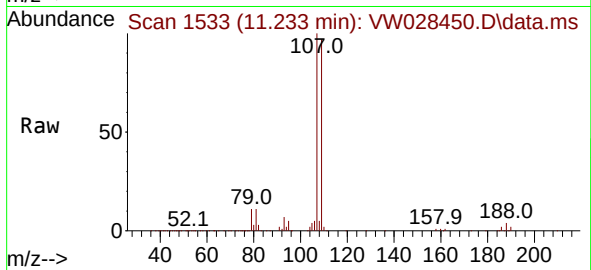




#50
1,2-Dibromoethane
Concen: 22.268 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

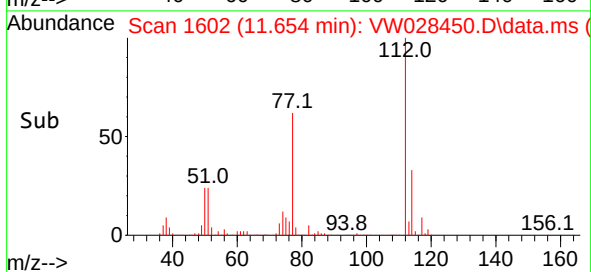
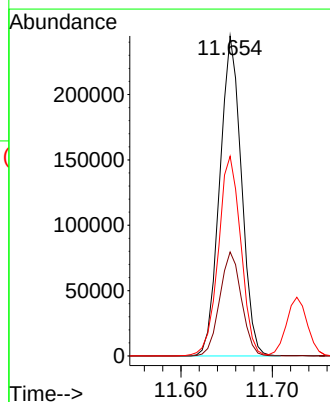
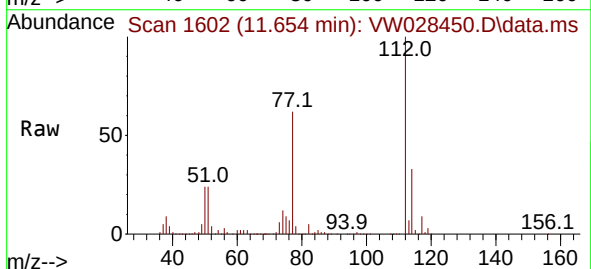
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MS

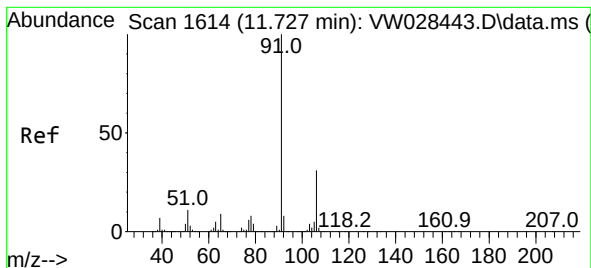
Tgt Ion:107 Resp: 106278
Ion Ratio Lower Upper
107 100
109 96.6 62.1 115.3
188 3.6 3.2 4.8



#51
Chlorobenzene
Concen: 20.695 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

Tgt Ion:112 Resp: 404137
Ion Ratio Lower Upper
112 100
114 32.5 22.3 41.3
77 62.4 51.8 77.8

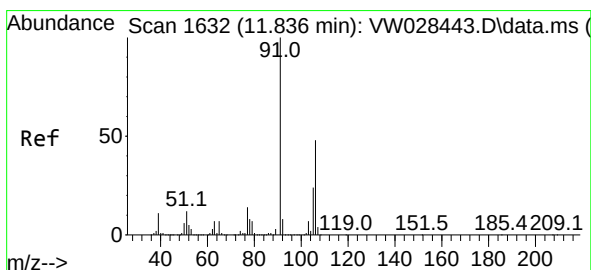
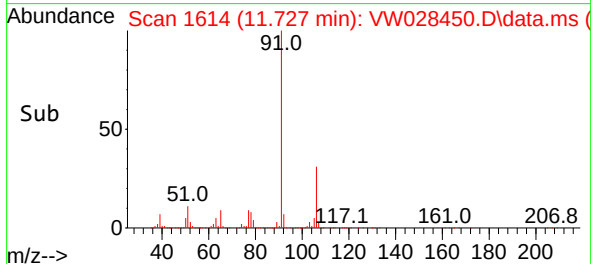
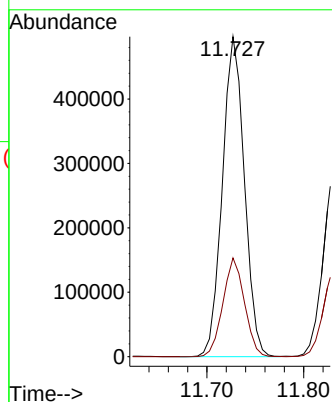
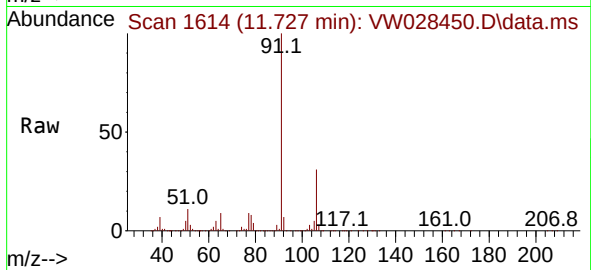




#52
Ethylbenzene
Concen: 22.014 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

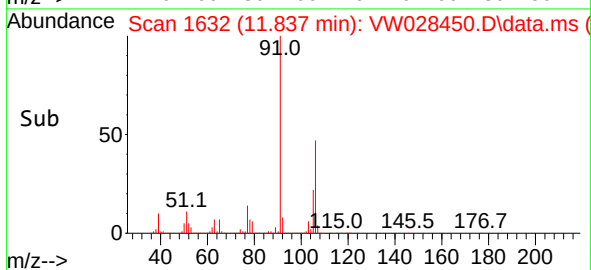
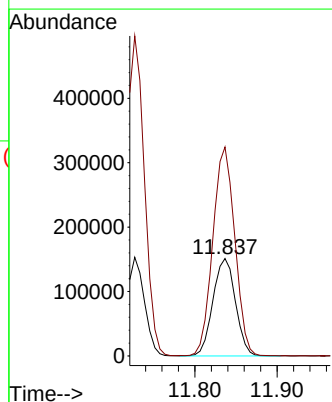
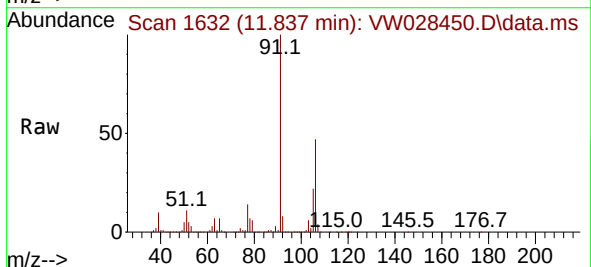
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MS

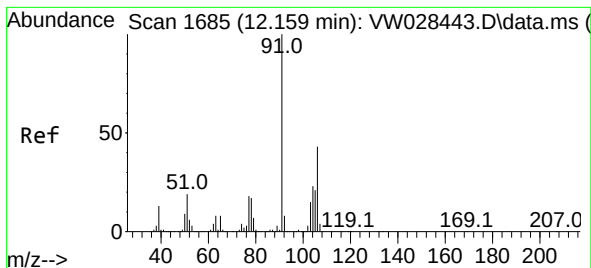
Tgt Ion: 91 Resp: 783997
Ion Ratio Lower Upper
91 100
106 30.8 21.2 39.4



#53
m,p-Xylene
Concen: 21.726 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

Tgt Ion: 106 Resp: 287731
Ion Ratio Lower Upper
106 100
91 214.3 152.4 283.0





#54

o-Xylene

Concen: 21.760 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

Instrument :

MSVOA_W

ClientSampleId :

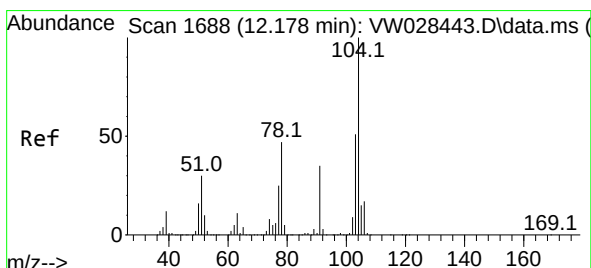
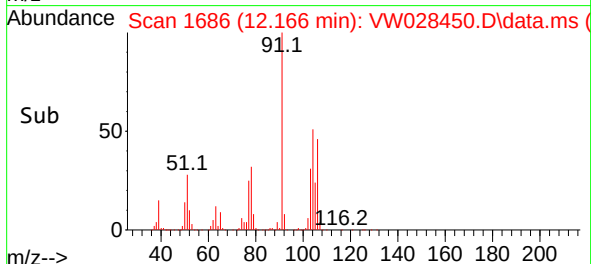
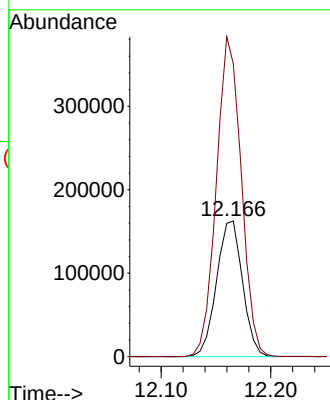
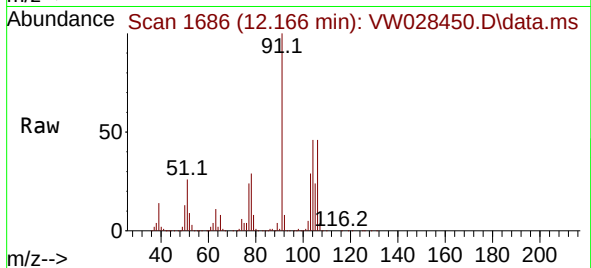
E07Z0MS

Tgt Ion:106 Resp: 268325

Ion Ratio Lower Upper

106 100

91 215.7 152.9 283.9



#55

Styrene

Concen: 22.328 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028450.D

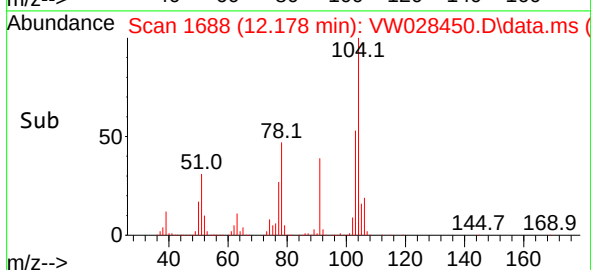
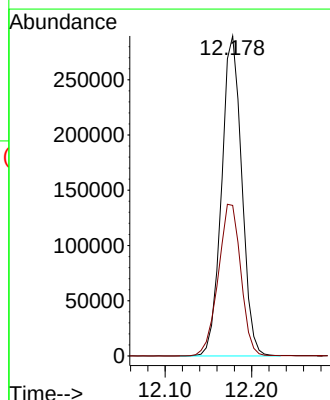
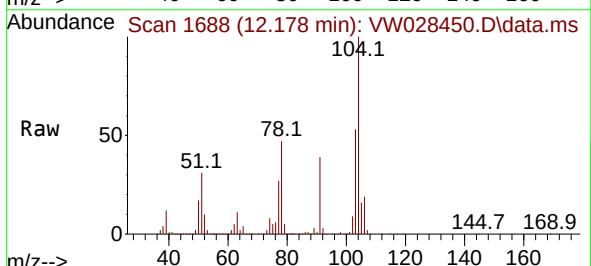
Acq: 16 Apr 2024 14:26

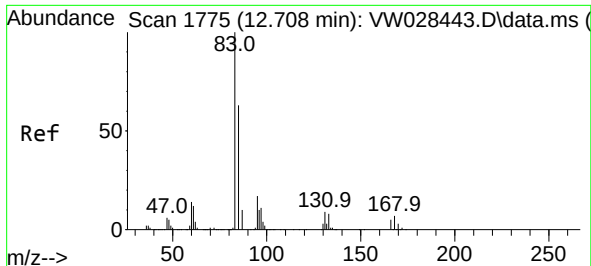
Tgt Ion:104 Resp: 468616

Ion Ratio Lower Upper

104 100

78 47.1 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 21.922 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

Instrument :

MSVOA_W

ClientSampleId :

E07Z0MS

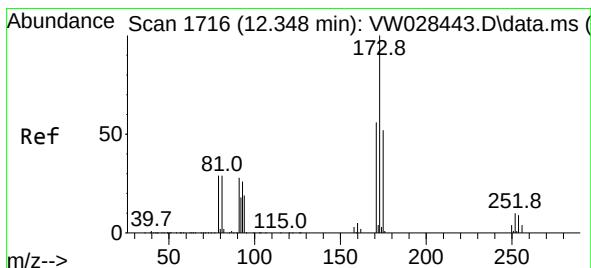
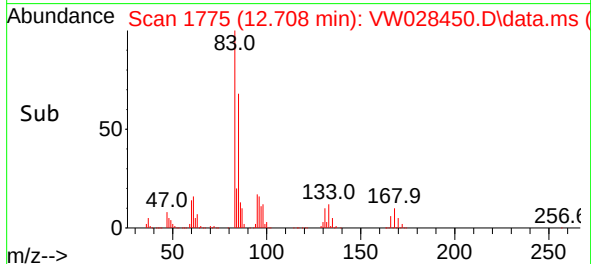
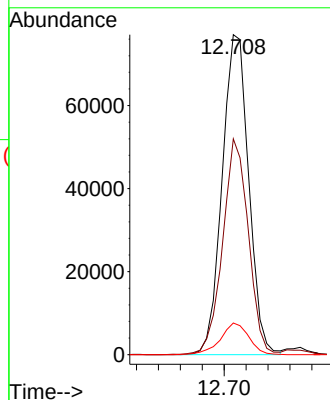
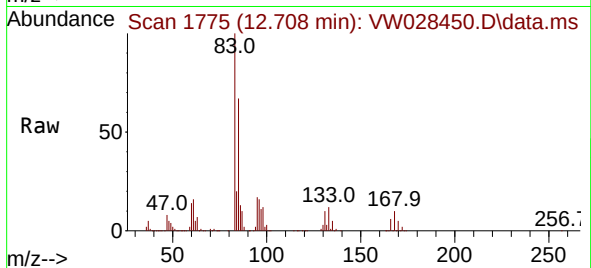
Tgt Ion: 83 Resp: 129727

Ion Ratio Lower Upper

83 100

85 67.5 43.4 80.6

131 9.9 8.0 12.0



#59

Bromoform

Concen: 22.196 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

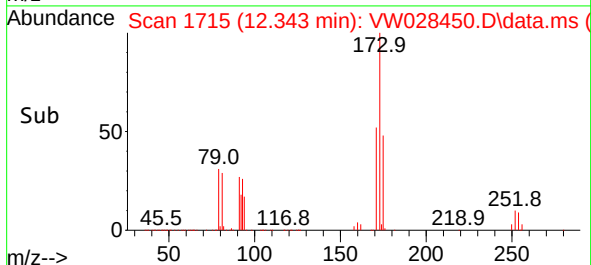
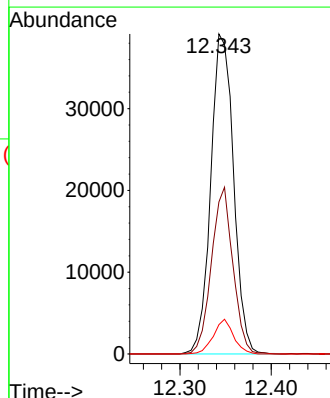
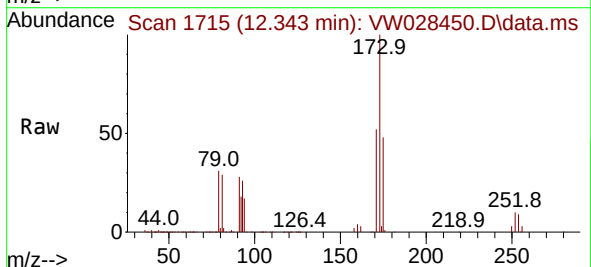
Tgt Ion: 173 Resp: 67811

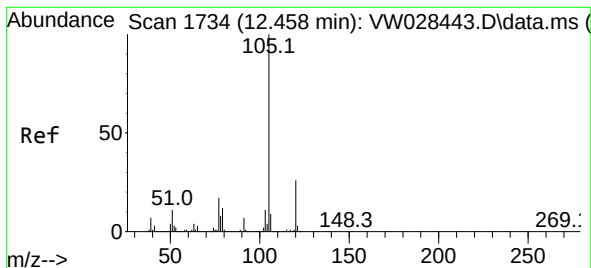
Ion Ratio Lower Upper

173 100

175 49.0 39.2 58.8

254 9.6 8.3 12.5





#60

Isopropylbenzene

Concen: 22.242 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

Instrument :

MSVOA_W

ClientSampleId :

E07Z0MS

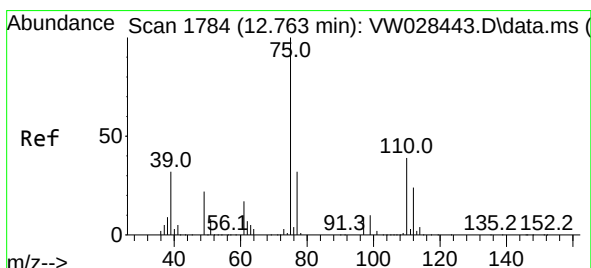
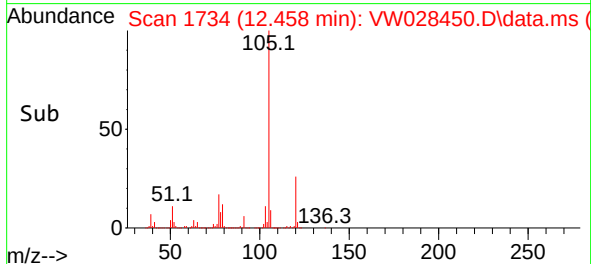
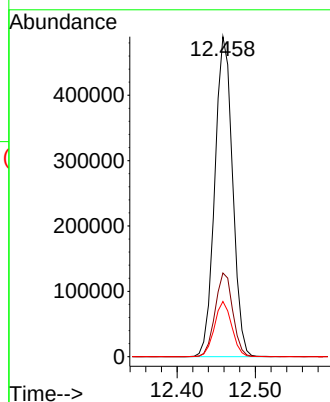
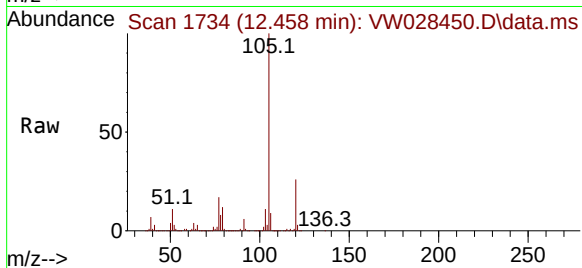
Tgt Ion:105 Resp: 771751

Ion Ratio Lower Upper

105 100

120 25.9 20.8 31.2

77 16.8 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 22.116 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

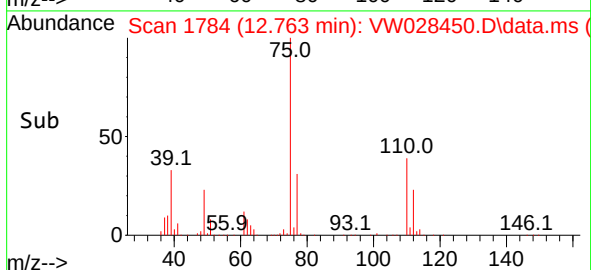
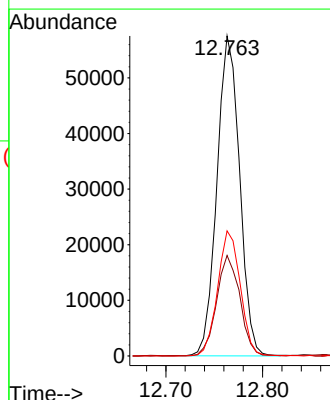
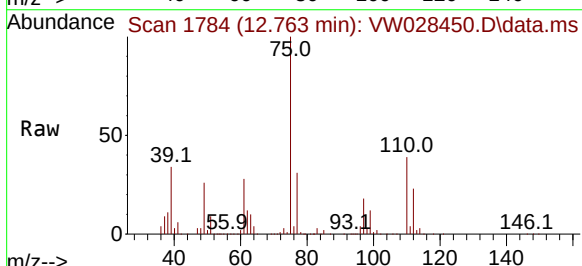
Tgt Ion: 75 Resp: 93583

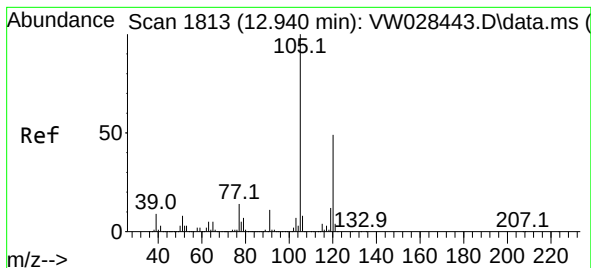
Ion Ratio Lower Upper

75 100

77 32.0 26.1 39.1

110 39.0 30.6 46.0

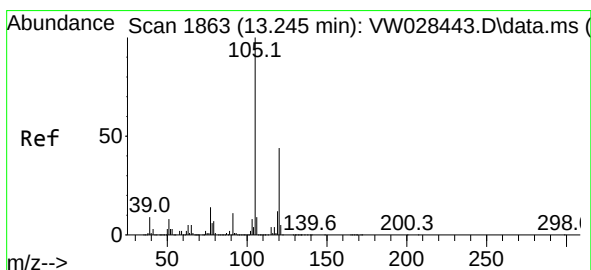
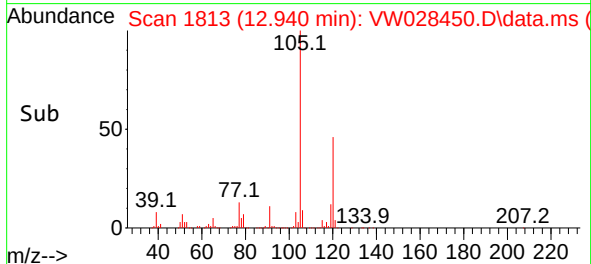
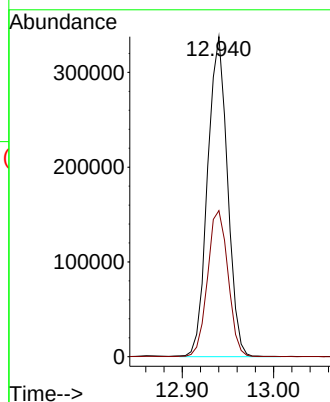
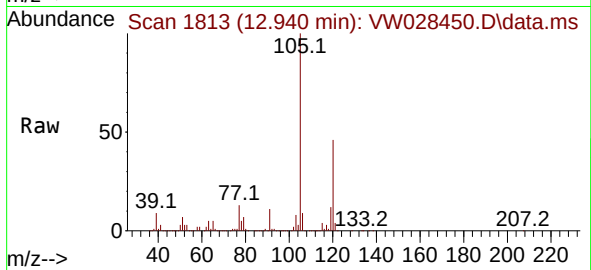




#62
1,3,5-Trimethylbenzene
Concen: 23.106 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

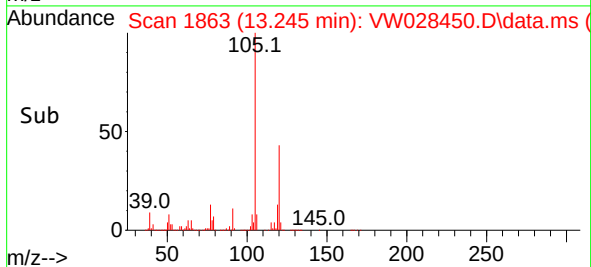
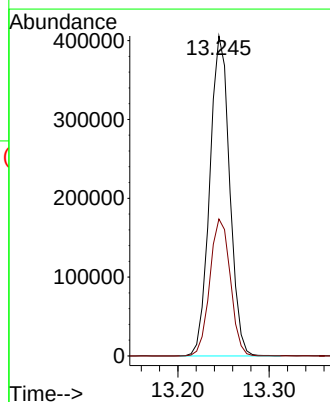
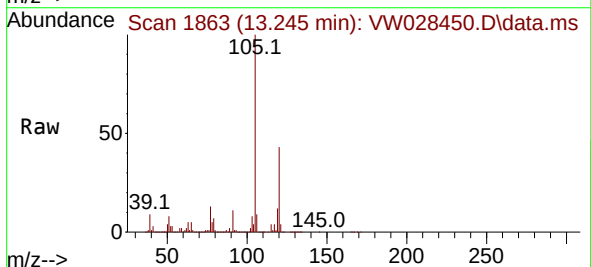
Instrument :
MSVOA_W
ClientSampleId :
E07Z0MS

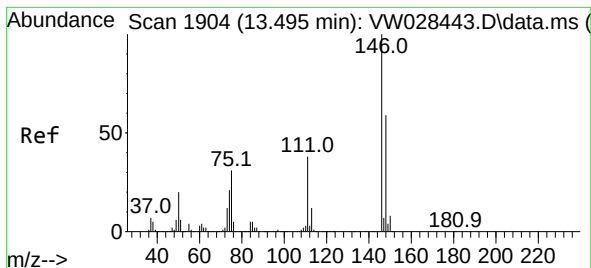
Tgt Ion:105 Resp: 511012
Ion Ratio Lower Upper
105 100
120 46.9 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 23.033 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

Tgt Ion:105 Resp: 613028
Ion Ratio Lower Upper
105 100
120 44.1 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 21.738 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

Instrument :

MSVOA_W

ClientSampleId :

E07Z0MS

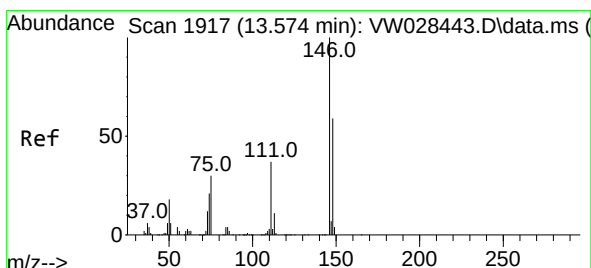
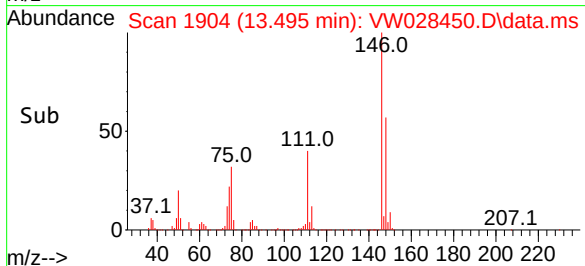
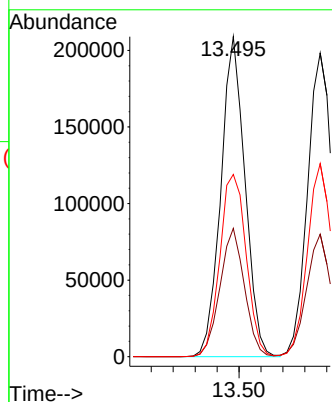
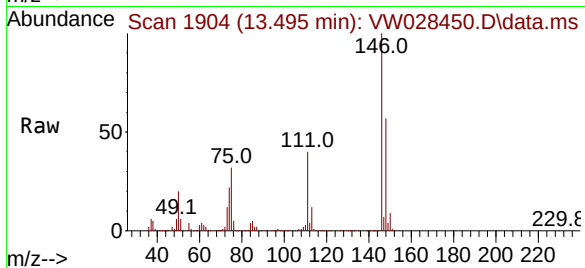
Tgt Ion:146 Resp: 320041

Ion Ratio Lower Upper

146 100

111 40.1 29.8 55.3

148 57.0 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 20.968 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

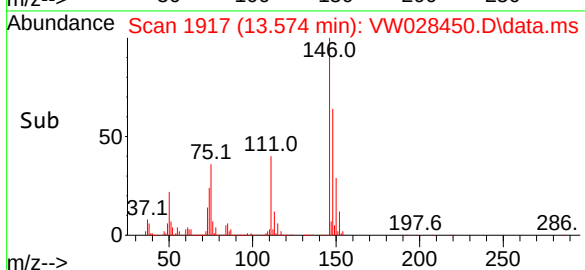
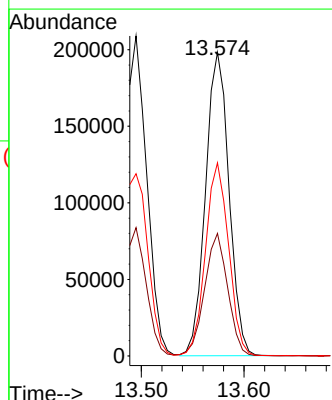
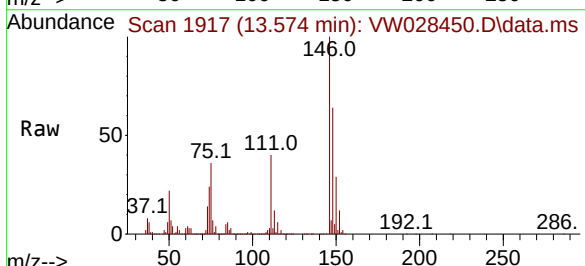
Tgt Ion:146 Resp: 314036

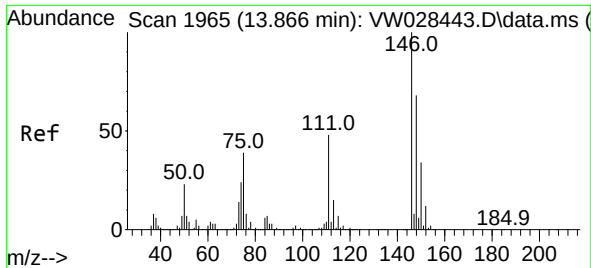
Ion Ratio Lower Upper

146 100

111 40.4 30.3 56.3

148 63.6 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 21.120 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

Instrument :

MSVOA_W

ClientSampleId :

E07Z0MS

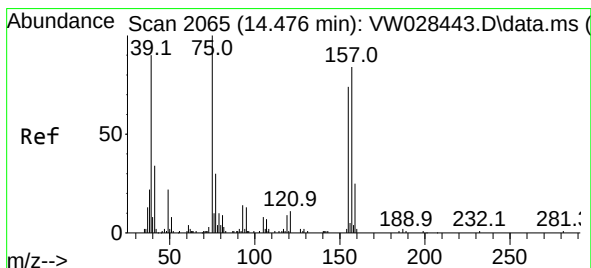
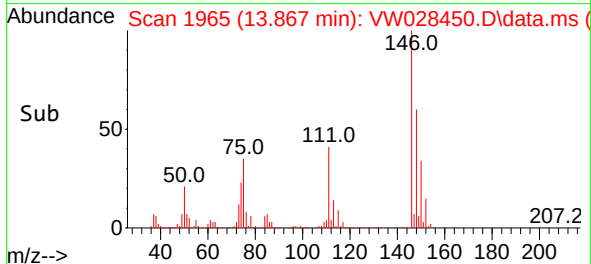
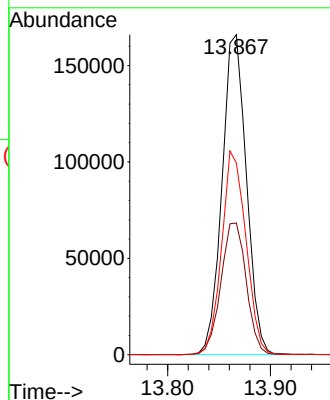
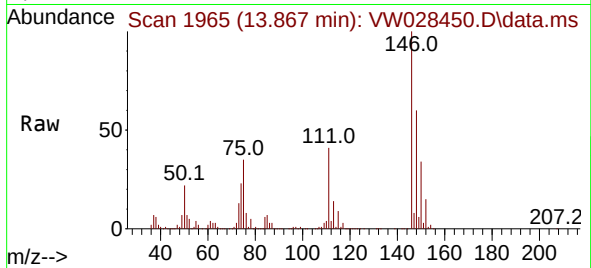
Tgt Ion:146 Resp: 273513

Ion Ratio Lower Upper

146 100

111 41.2 31.4 47.2

148 59.9 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 20.971 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

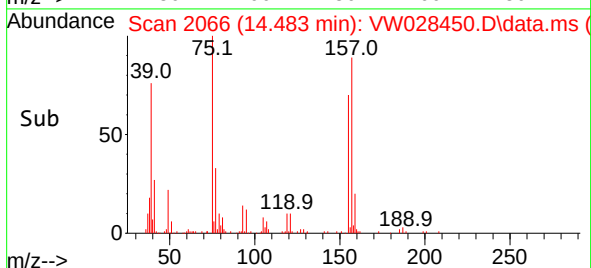
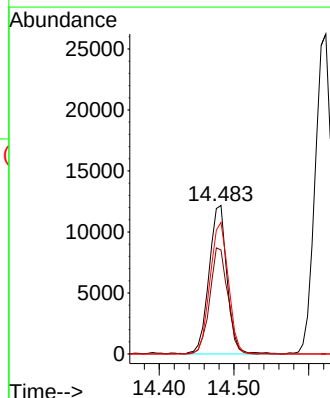
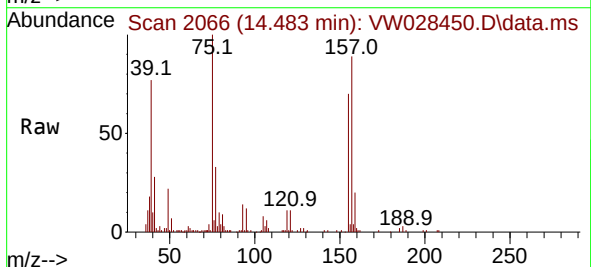
Tgt Ion: 75 Resp: 20335

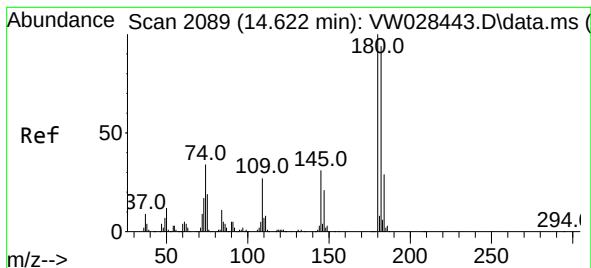
Ion Ratio Lower Upper

75 100

155 70.0 61.2 91.8

157 88.7 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 19.226 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

Instrument :

MSVOA_W

ClientSampleId :

E07Z0MS

Tgt Ion:180 Resp: 194778

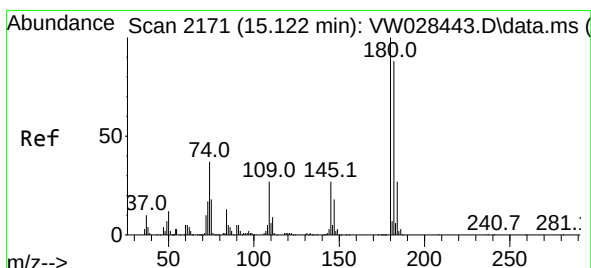
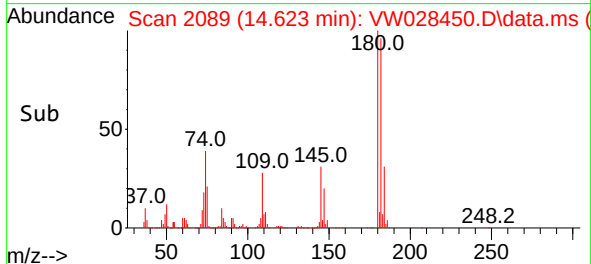
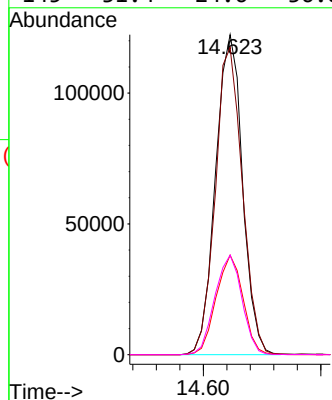
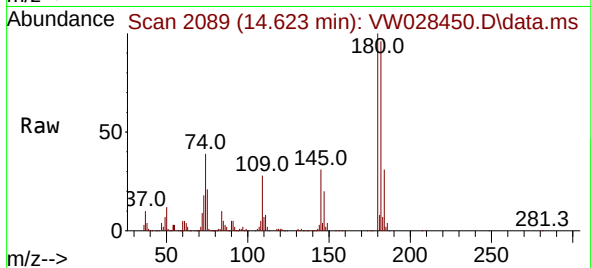
Ion Ratio Lower Upper

180 100

182 96.3 77.4 116.0

184 31.1 24.8 37.2

145 31.4 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 20.609 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028450.D

Acq: 16 Apr 2024 14:26

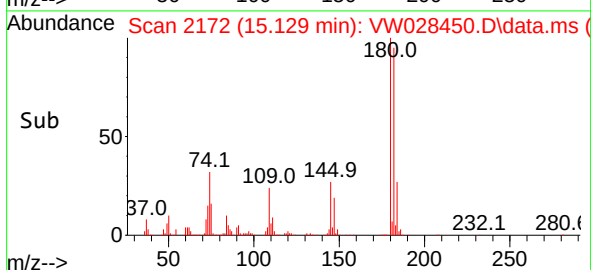
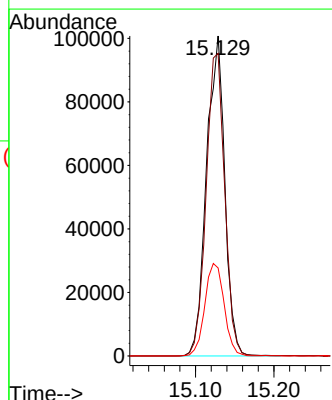
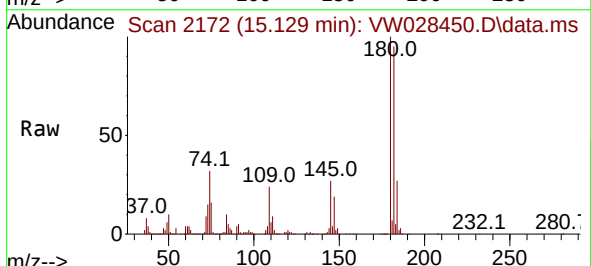
Tgt Ion:180 Resp: 163053

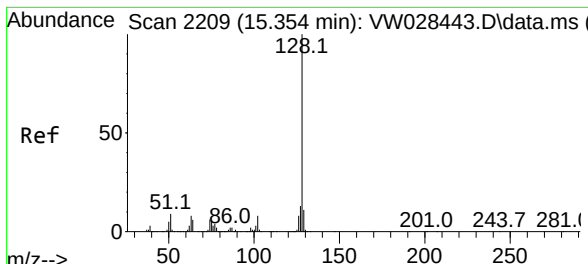
Ion Ratio Lower Upper

180 100

182 96.2 71.5 107.3

145 30.5 23.5 35.3

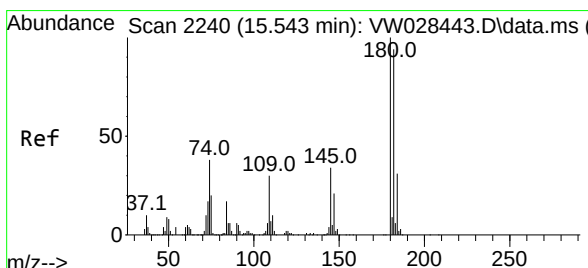
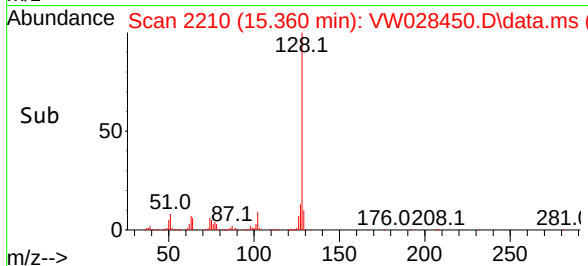
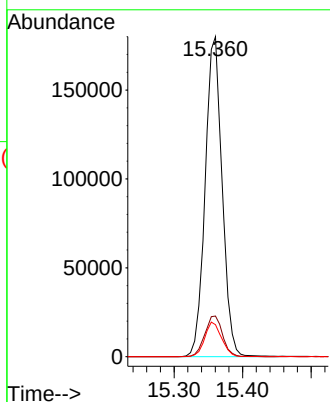
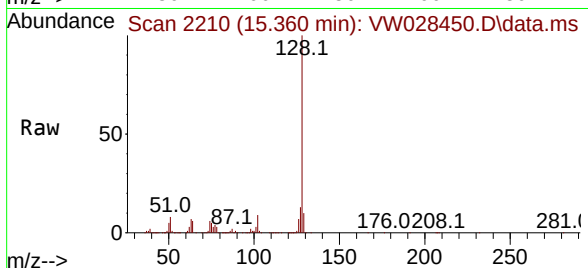




#71
Naphthalene
Concen: 22.148 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

Instrument :
MSVOA_W
ClientSampleId :
E07Z0MS

Tgt Ion:128 Resp: 310120
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 18.729 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW028450.D
Acq: 16 Apr 2024 14:26

Tgt Ion:180 Resp: 131486
Ion Ratio Lower Upper
180 100
182 96.3 75.7 113.5
145 33.9 26.2 39.4

