

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121423\
 Data File : VW027620.D
 Acq On : 14 Dec 2023 11:19
 Operator : SY/MD
 Sample : 05806-08MSD
 Misc : 4.24g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LQ8MSD

Quant Time: Dec 15 03:30:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 15 03:28:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	450486	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	351357	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	123563	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	180635	19.926	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.720%
7) Chloroethane-d5	2.899	69	148366	22.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.320%
11) 1,1-Dichloroethene-d2	4.027	65	79714	20.781	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.120%
21) 2-Butanone-d5	7.088	46	87671	36.907	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.820%
24) Chloroform-d	7.655	84	351150	26.114	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.440%
26) 1,2-Dichloroethane-d4	8.307	65	165455	24.062	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.240%
32) Benzene-d6	8.276	84	692419	27.980	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.920%
36) 1,2-Dichloropropane-d6	9.276	67	218367	29.932	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.720%
41) Toluene-d8	10.325	98	556852	25.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.880%
43) trans-1,3-Dichloroprop...	10.581	79	66283	23.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.000%
47) 2-Hexanone-d5	10.922	63	62788	46.192	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	135588	22.595	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	13.849	152	119971	27.699	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	142147	23.566	ug/L	98
3) Chloromethane	2.223	50	201445	27.269	ug/L	98
5) Vinyl chloride	2.375	62	217082	25.192	ug/L	99
6) Bromomethane	2.796	94	120475	26.640	ug/L	93
8) Chloroethane	2.936	64	124187	25.233	ug/L	93
9) Trichlorofluoromethane	3.277	101	202204	24.501	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	165111	23.462	ug/L	94
12) 1,1-Dichloroethene	4.052	96	151839	23.631	ug/L	85
13) Acetone	4.143	43	93438	40.803	ug/L	98
14) Carbon disulfide	4.393	76	482664	24.857	ug/L	98
15) Methyl Acetate	4.679	43	61564	15.382	ug/L	99
16) Methylene chloride	4.923	84	180627	24.588	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	160127	24.168	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	259362	24.269	ug/L	99
19) 1,1-Dichloroethane	6.228	63	340995	25.308	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	176046	24.742	ug/L	98
22) 2-Butanone	7.179	43	102516	34.700	ug/L	100
23) Bromochloromethane	7.520	128	68947	24.636	ug/L	97
25) Chloroform	7.679	83	312026	25.504	ug/L	92

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 Response via : Initial Calibration

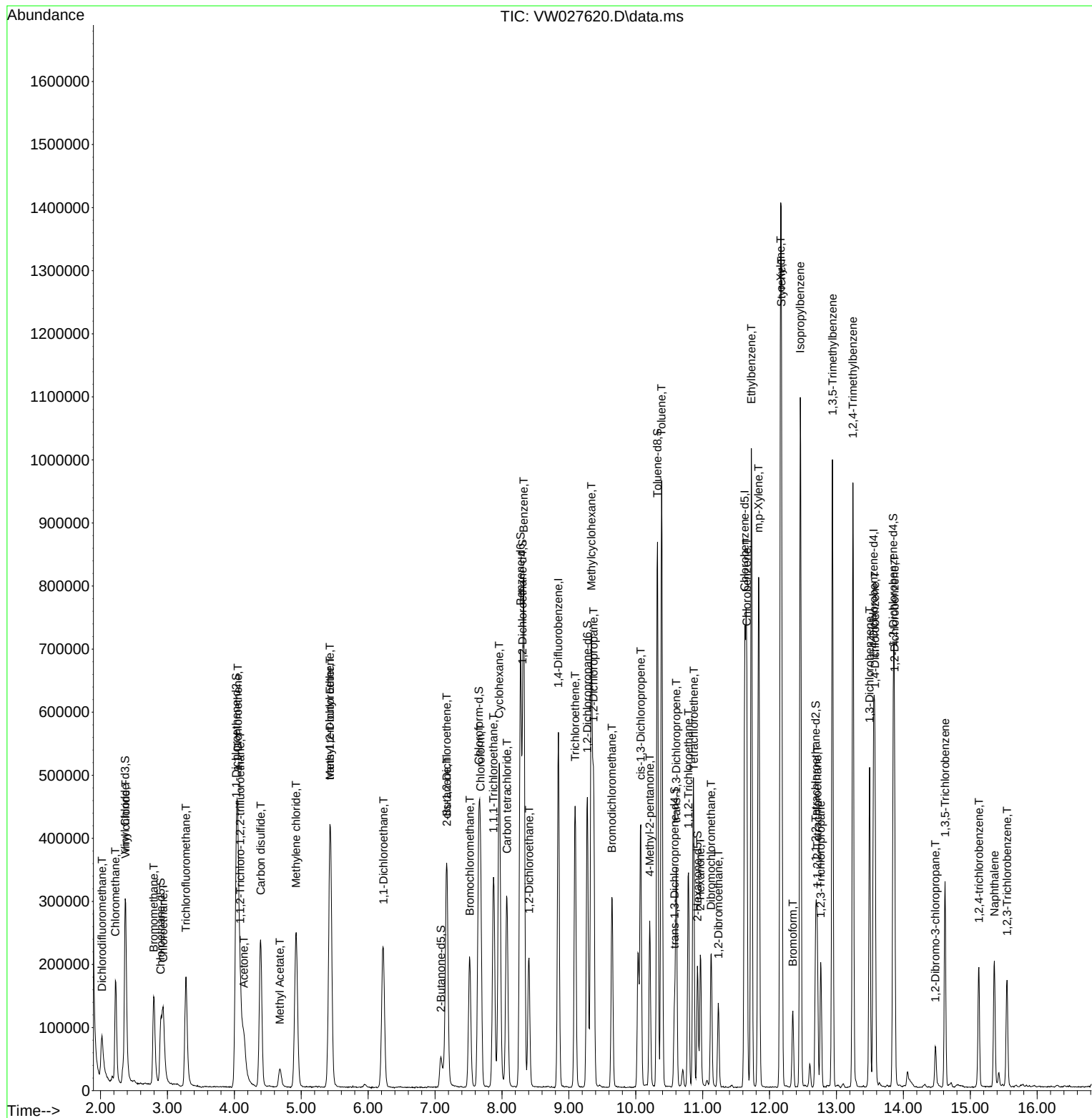
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	186202	23.549	ug/L	100
29) Cyclohexane	7.959	56	308620	26.718	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	271736	27.725	ug/L	99
31) Carbon tetrachloride	8.075	117	227365	26.596	ug/L	98
33) Benzene	8.325	78	701647	28.934	ug/L	100
34) Trichloroethene	9.093	95	162139	24.478	ug/L	96
35) Methylcyclohexane	9.337	83	275009	23.317	ug/L	100
37) 1,2-Dichloropropane	9.368	63	185396	28.956	ug/L	99
38) Bromodichloromethane	9.642	83	206102	27.845	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	248256	26.860	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	178398	41.221	ug/L	100
42) Toluene	10.386	91	680899	26.547	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	183734	24.642	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	106928	23.980	ug/L	98
46) Tetrachloroethene	10.867	164	103202	21.855	ug/L	96
48) 2-Hexanone	10.965	43	138144	45.291	ug/L	97
49) Dibromochloromethane	11.123	129	109144	24.763	ug/L	90
50) 1,2-Dibromoethane	11.233	107	88792	21.765	ug/L	92
51) Chlorobenzene	11.660	112	350704	22.664	ug/L	96
52) Ethylbenzene	11.727	91	707463	24.282	ug/L	96
53) m,p-Xylene	11.837	106	256844	23.925	ug/L	99
54) o-Xylene	12.166	106	264736	27.132	ug/L	92
55) Styrene	12.178	104	387199	23.249	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	119126	20.522	ug/L	97
59) Bromoform	12.349	173	52462	30.315	ug/L	99
60) Isopropylbenzene	12.459	105	691231	33.882	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	81643	27.394	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	515575	34.168	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	495285	32.957	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	190866	24.424	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	183620	23.557	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	183487	26.062	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	15633	21.808	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	86882	16.534	ug/L	92
70) 1,2,4-trichlorobenzene	15.129	180	58820	14.414	ug/L	94
71) Naphthalene	15.360	128	170426	19.856	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	53972	15.440	ug/L	100

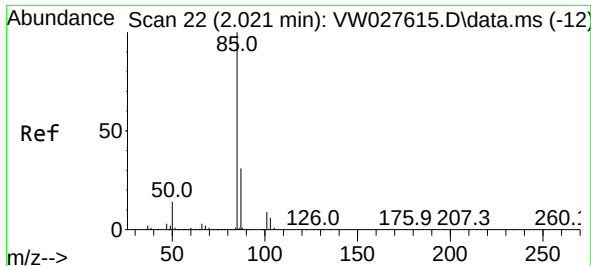
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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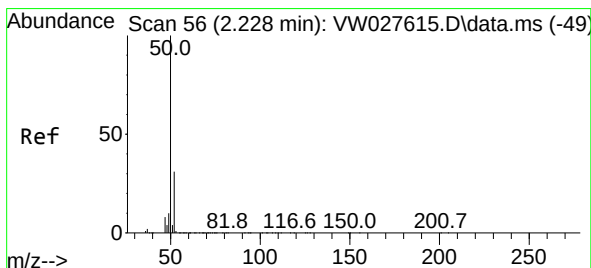
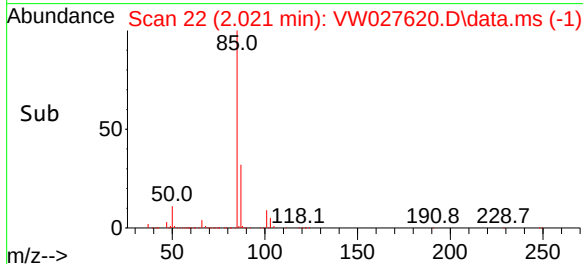
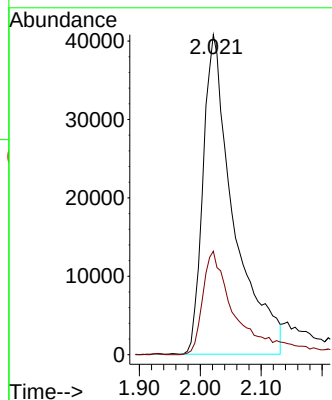
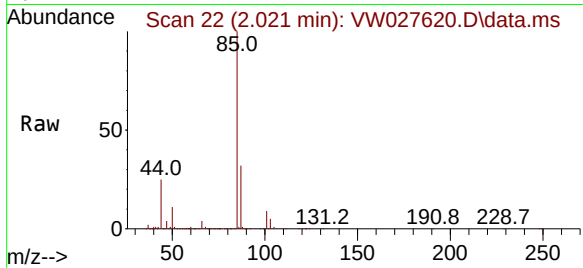




#2
Dichlorodifluoromethane
Concen: 23.566 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

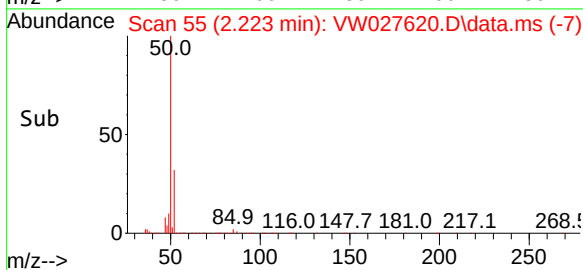
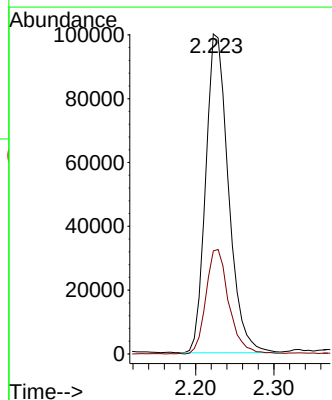
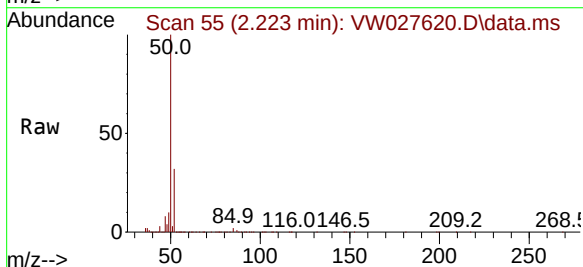
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MSVOA_W
ClientSampleId :
E0LQ8MSD

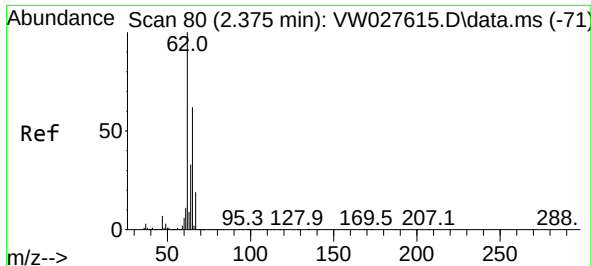
Tgt Ion: 85 Resp: 142147
Ion Ratio Lower Upper
85 100
87 31.0 24.0 36.0



#3
Chloromethane
Concen: 27.269 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

Tgt Ion: 50 Resp: 201445
Ion Ratio Lower Upper
50 100
52 32.2 21.8 40.6

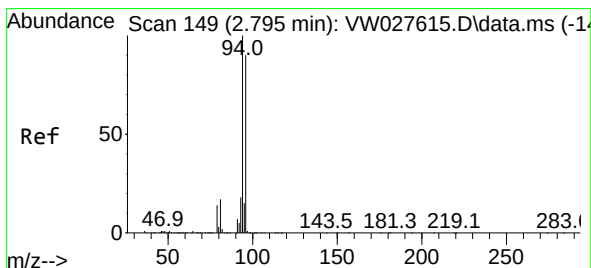
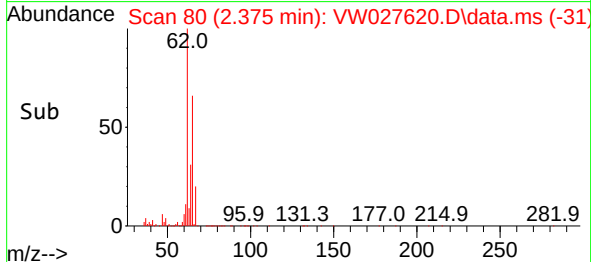
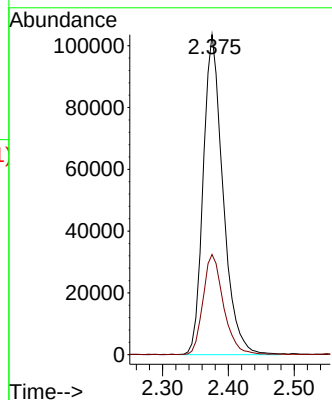
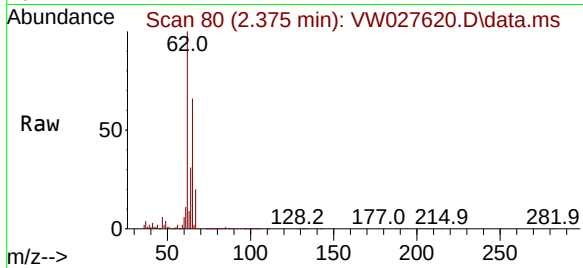




#5
 Vinyl chloride
 Concen: 25.192 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027620.D
 Acq: 14 Dec 2023 11:19

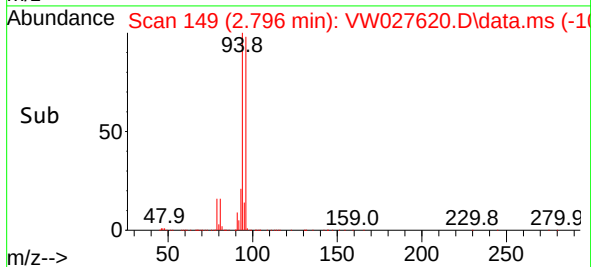
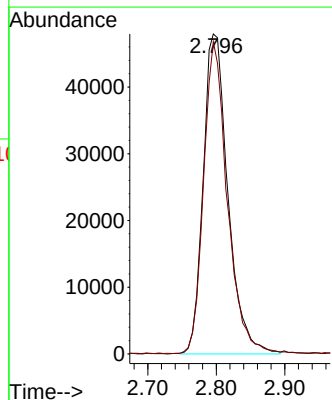
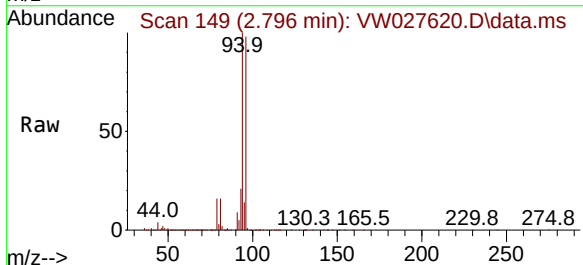
Instrument :
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 ClientSampleId :
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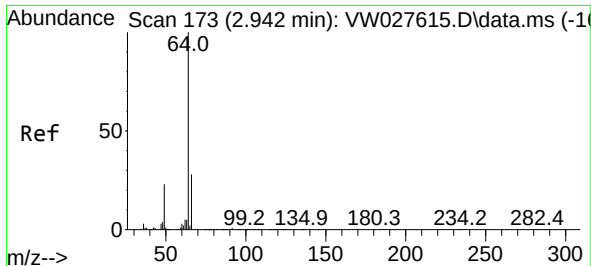
Tgt Ion: 62 Resp: 217082
 Ion Ratio Lower Upper
 62 100
 64 31.3 22.2 41.2



#6
 Bromomethane
 Concen: 26.640 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VW027620.D
 Acq: 14 Dec 2023 11:19

Tgt Ion: 94 Resp: 120475
 Ion Ratio Lower Upper
 94 100
 96 97.6 63.3 117.7

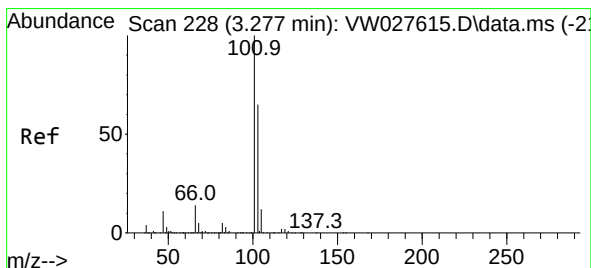
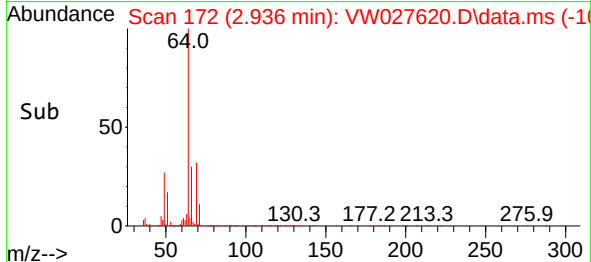
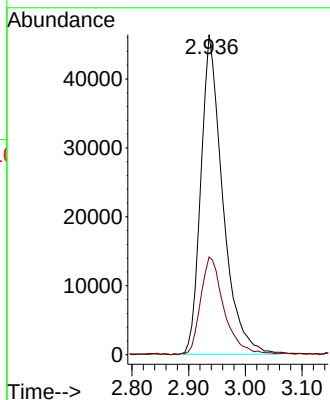
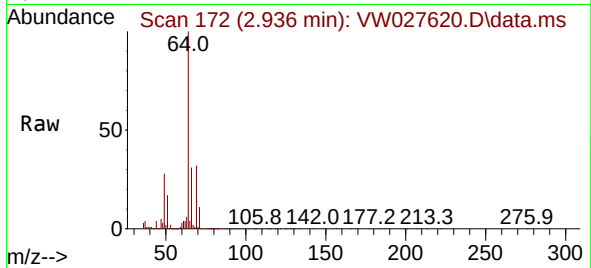




#8
Chloroethane
Concen: 25.233 ug/L
RT: 2.936 min Scan# 173
Delta R.T. -0.006 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

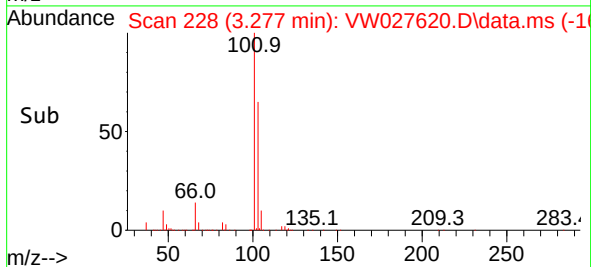
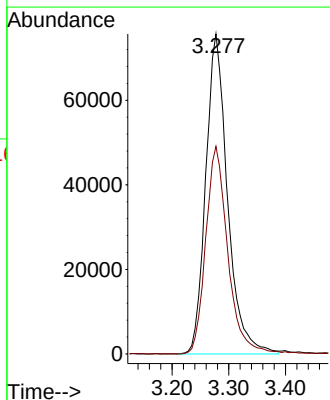
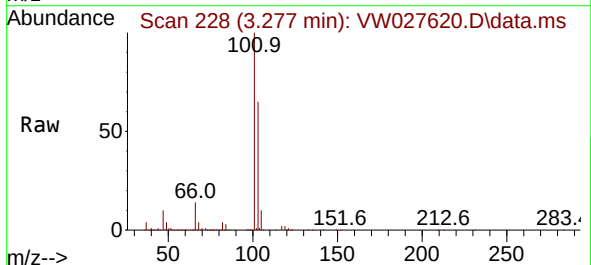
Instrument :
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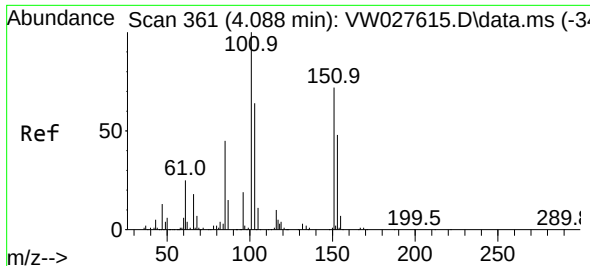
Tgt Ion: 64 Resp: 124187
Ion Ratio Lower Upper
64 100
66 30.6 24.1 44.7



#9
Trichlorofluoromethane
Concen: 24.501 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.000 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

Tgt Ion: 101 Resp: 202204
Ion Ratio Lower Upper
101 100
103 65.6 52.0 78.0

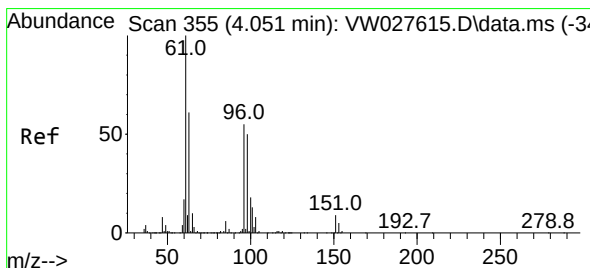
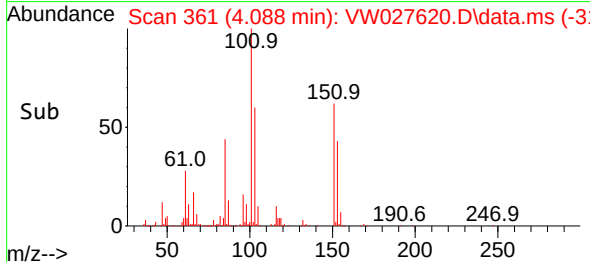
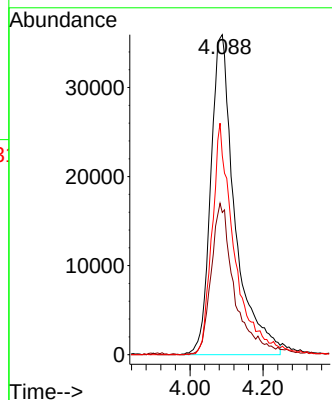
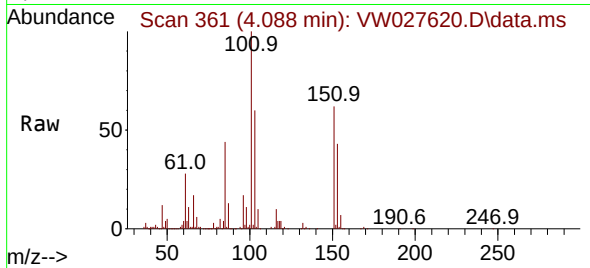




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.462 ug/L
 RT: 4.088 min Scan# 361
 Delta R.T. 0.000 min
 Lab File: VW027620.D
 Acq: 14 Dec 2023 11:19

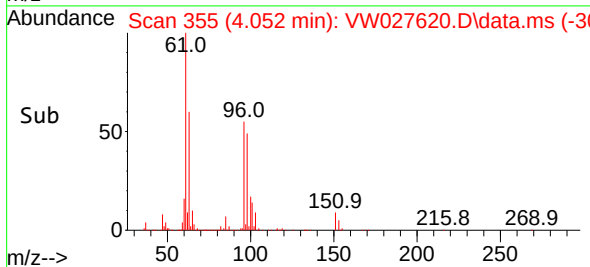
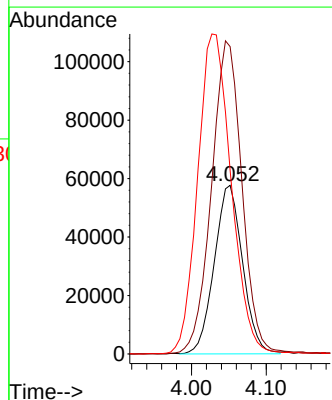
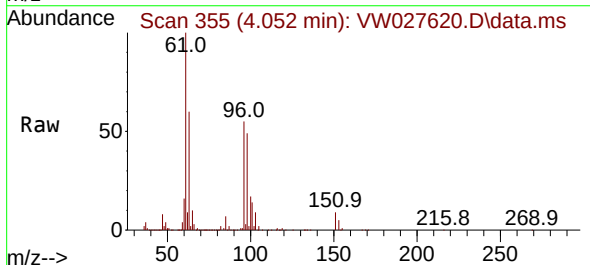
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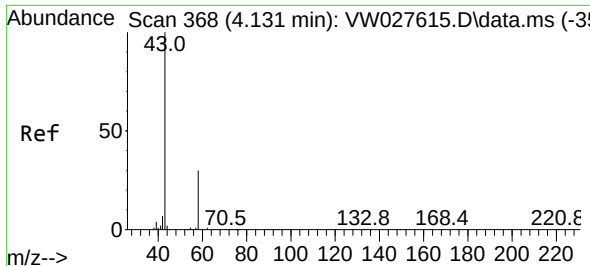
Tgt Ion:101 Resp: 165111
 Ion Ratio Lower Upper
 101 100
 85 43.0 33.9 50.9
 151 60.7 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 23.631 ug/L
 RT: 4.052 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW027620.D
 Acq: 14 Dec 2023 11:19

Tgt Ion: 96 Resp: 151839
 Ion Ratio Lower Upper
 96 100
 61 182.3 127.8 237.4
 63 109.0 104.9 194.7





#13

Acetone

Concen: 40.803 ug/L

RT: 4.143 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

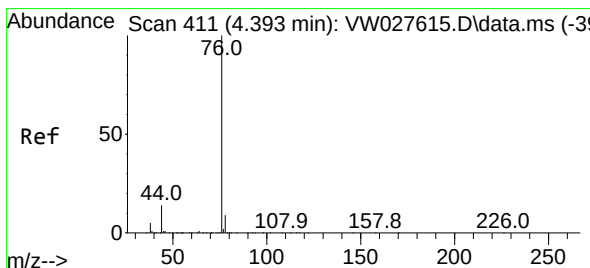
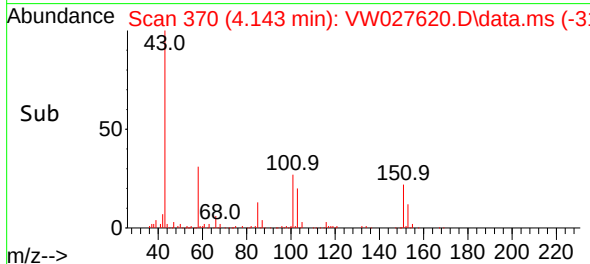
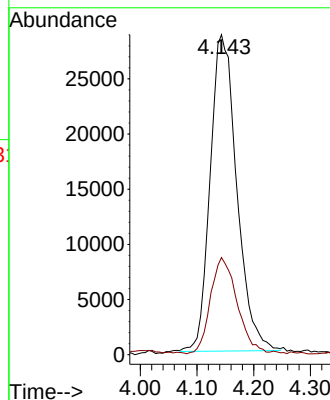
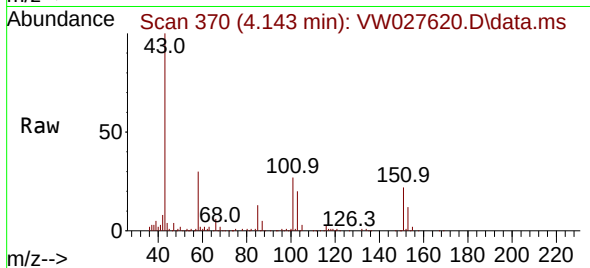
E0LQ8MSD

Tgt Ion: 43 Resp: 93438

Ion Ratio Lower Upper

43 100

58 30.9 0.0 60.0



#14

Carbon disulfide

Concen: 24.857 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW027620.D

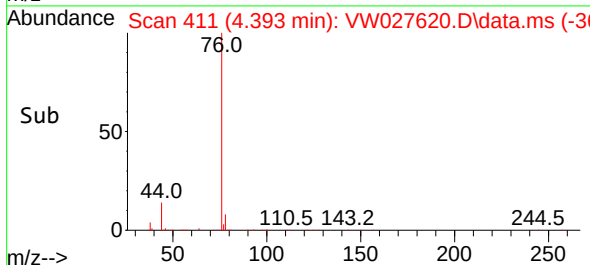
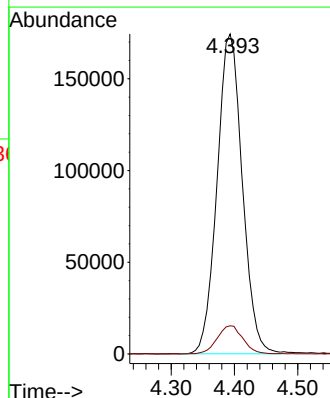
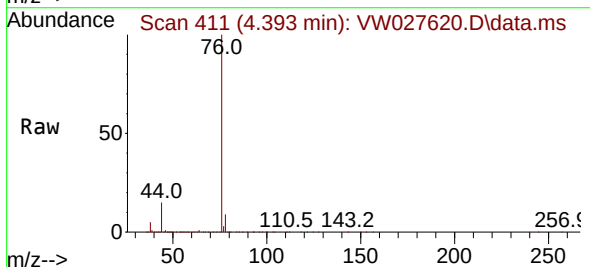
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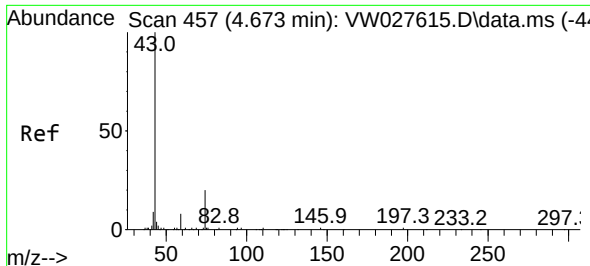
Tgt Ion: 76 Resp: 482664

Ion Ratio Lower Upper

76 100

78 8.8 7.8 11.6

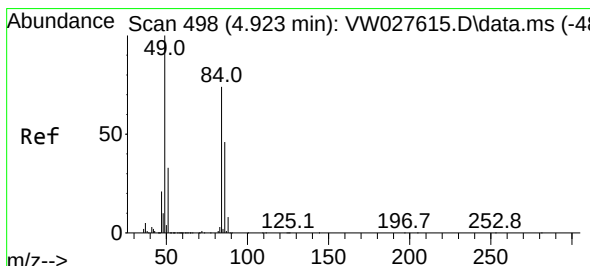
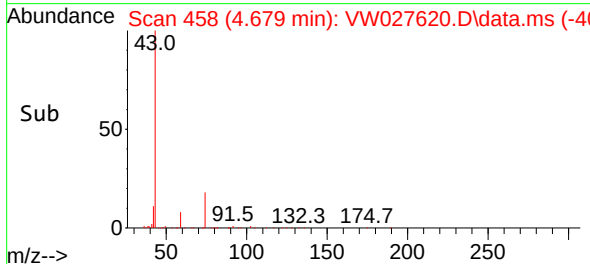
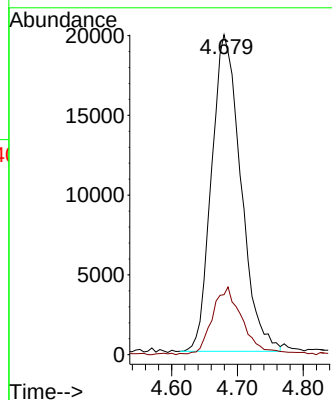
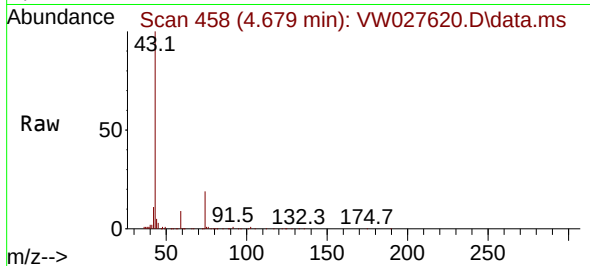




#15
Methyl Acetate
Concen: 15.382 ug/L
RT: 4.679 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

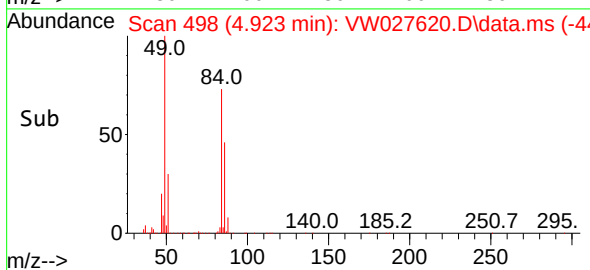
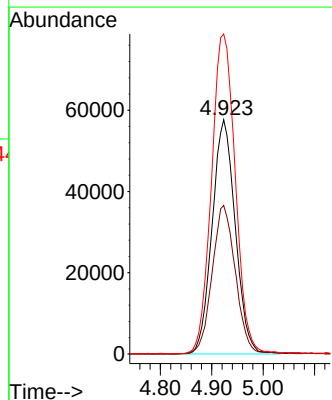
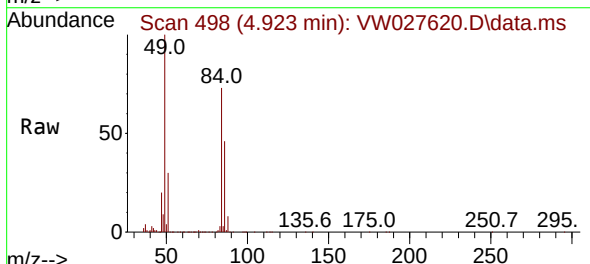
Instrument :
MSVOA_W
ClientSampleId :
E0LQ8MSD

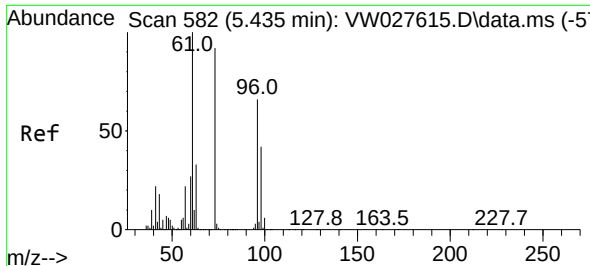
Tgt Ion: 43 Resp: 61564
Ion Ratio Lower Upper
43 100
74 20.6 16.8 25.2



#16
Methylene chloride
Concen: 24.588 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

Tgt Ion: 84 Resp: 180627
Ion Ratio Lower Upper
84 100
86 63.4 47.7 88.7
49 136.6 97.4 181.0

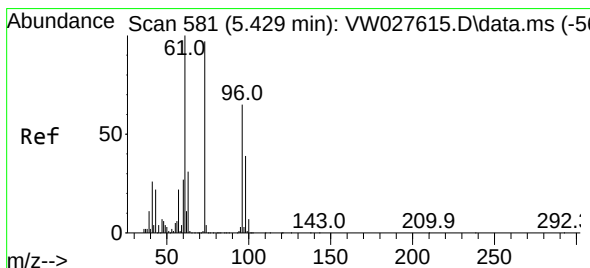
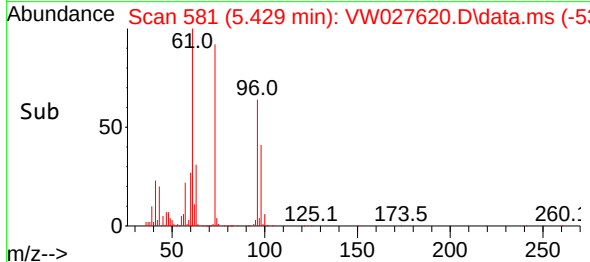
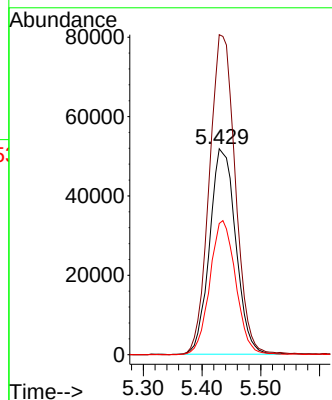
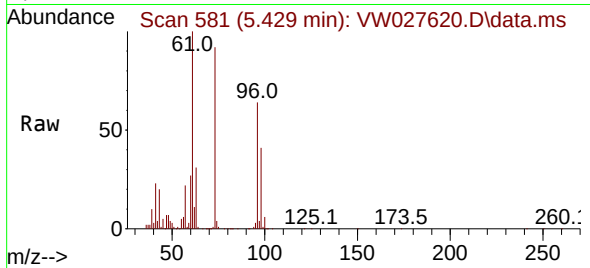




#17
trans-1,2-Dichloroethene
Concen: 24.168 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

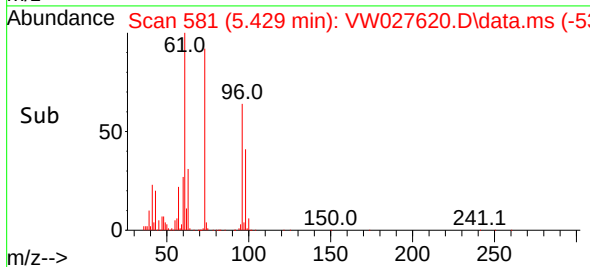
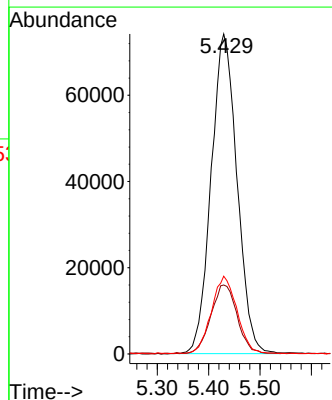
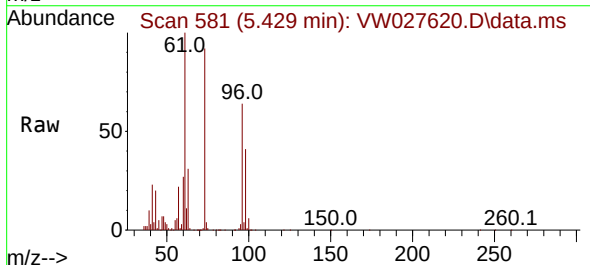
Instrument :
MSVOA_W
ClientSampleId :
E0LQ8MSD

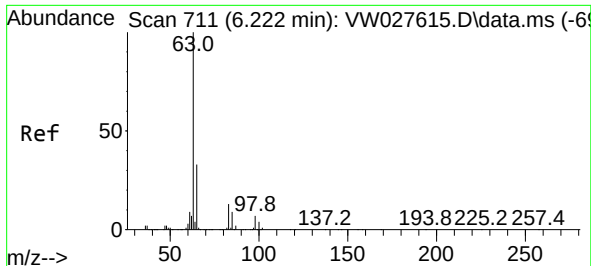
Tgt Ion: 96 Resp: 160127
Ion Ratio Lower Upper
96 100
61 155.4 109.6 203.6
98 63.7 41.9 77.7



#18
Methyl tert-butyl Ether
Concen: 24.269 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

Tgt Ion: 73 Resp: 259362
Ion Ratio Lower Upper
73 100
43 21.9 17.8 26.6
57 24.3 19.9 29.9





#19

1,1-Dichloroethane

Concen: 25.308 ug/L

RT: 6.228 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

E0LQ8MSD

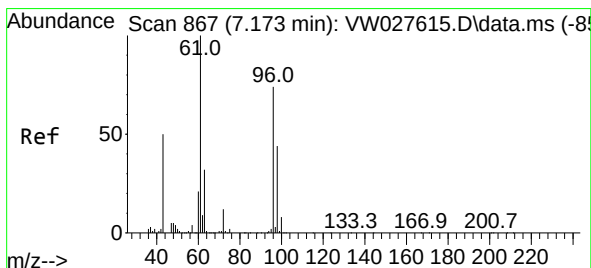
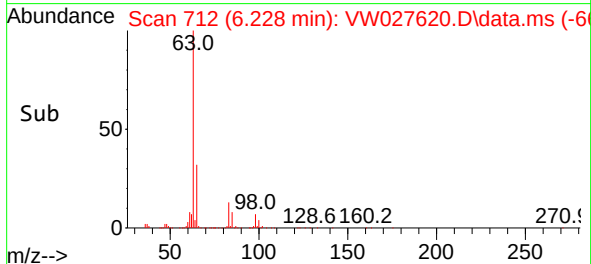
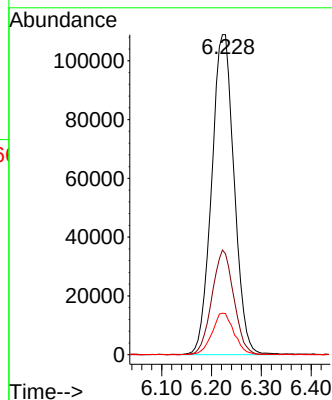
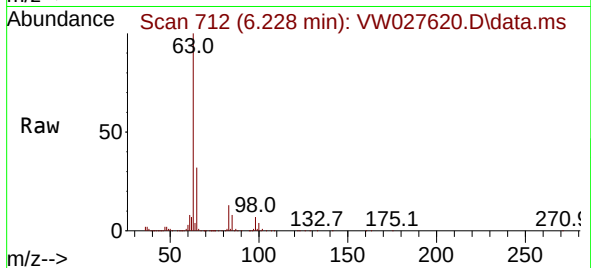
Tgt Ion: 63 Resp: 340995

Ion Ratio Lower Upper

63 100

65 31.6 22.0 40.8

83 12.9 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.742 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

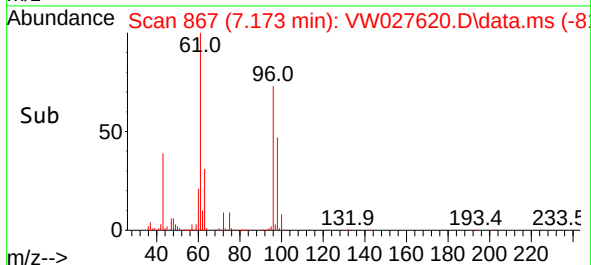
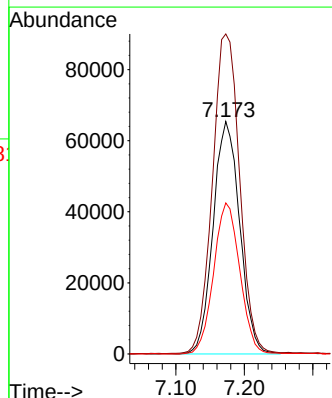
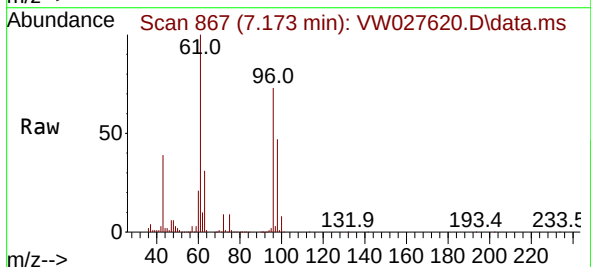
Tgt Ion: 96 Resp: 176046

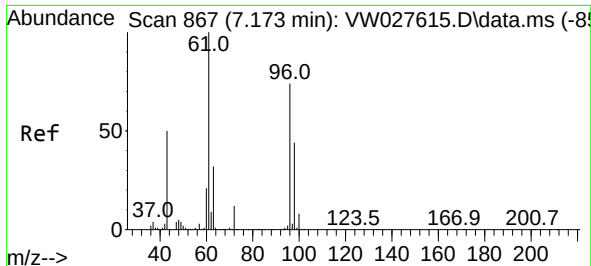
Ion Ratio Lower Upper

96 100

61 137.7 94.0 174.6

98 65.0 45.1 83.7





#22

2-Butanone

Concen: 34.700 ug/L

RT: 7.179 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

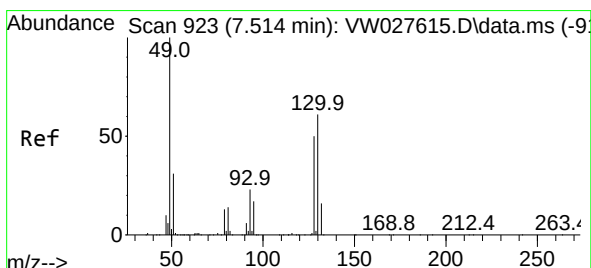
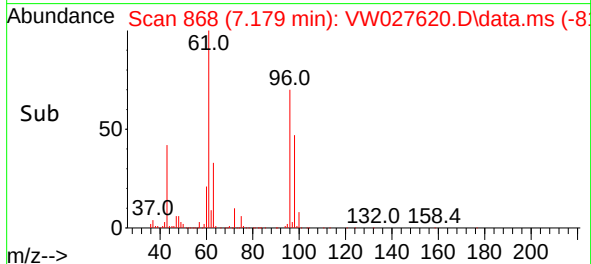
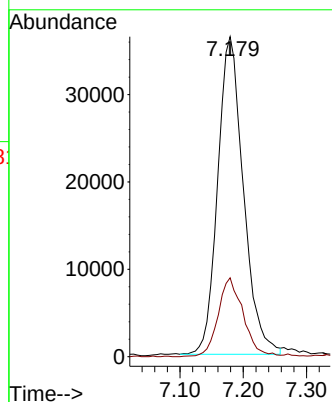
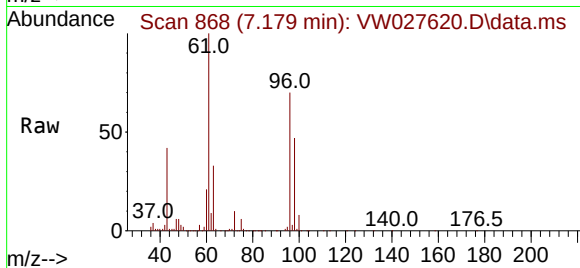
E0LQ8MSD

Tgt Ion: 43 Resp: 102516

Ion Ratio Lower Upper

43 100

72 24.0 11.9 35.9



#23

Bromochloromethane

Concen: 24.636 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

Tgt Ion: 128 Resp: 68947

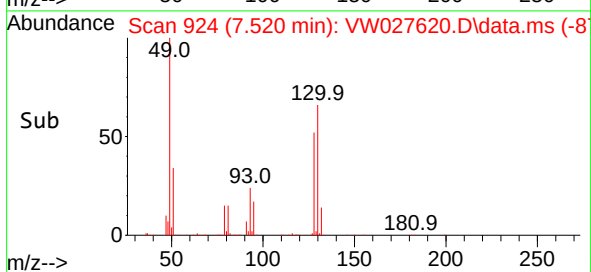
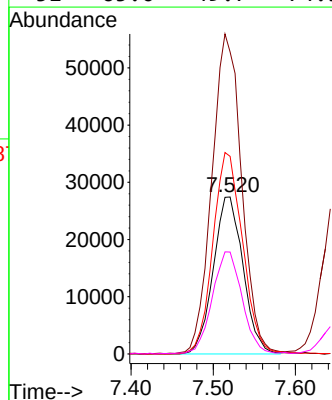
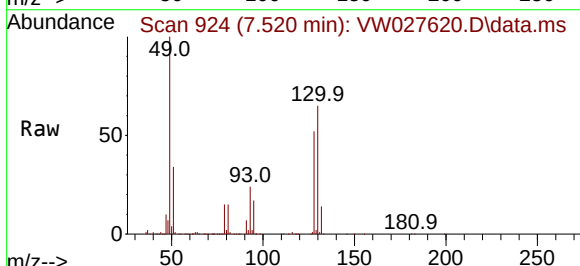
Ion Ratio Lower Upper

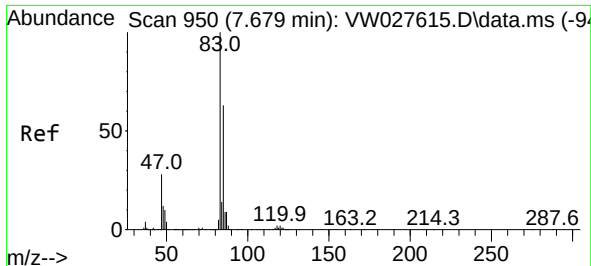
128 100

49 192.3 137.8 256.0

130 125.8 91.2 169.4

51 65.0 49.7 74.5

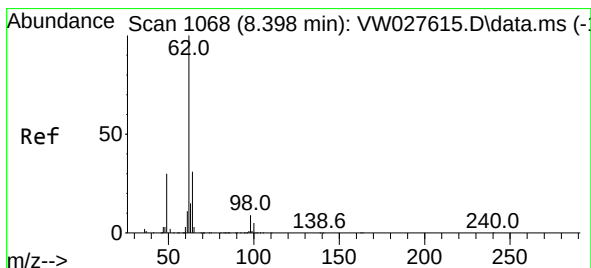
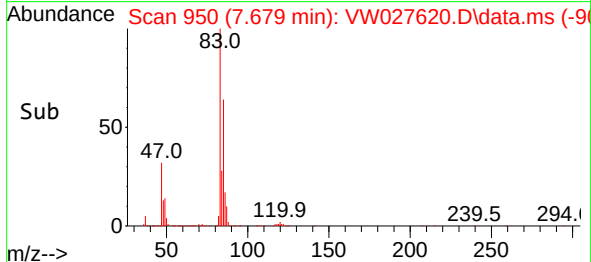
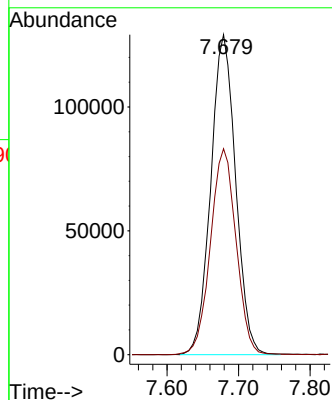
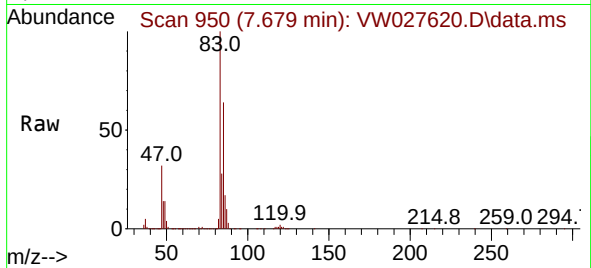




#25
Chloroform
Concen: 25.504 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

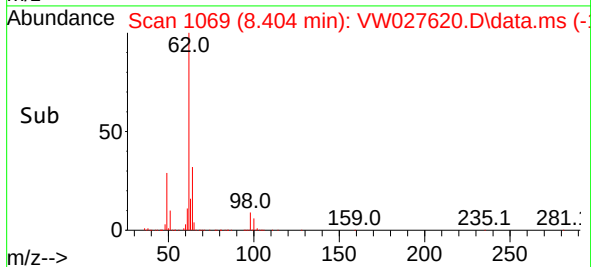
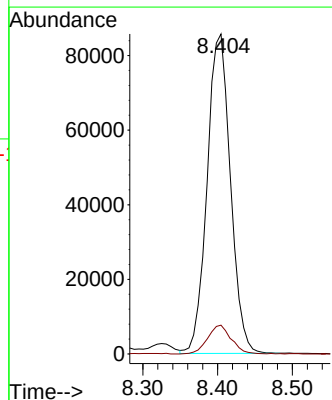
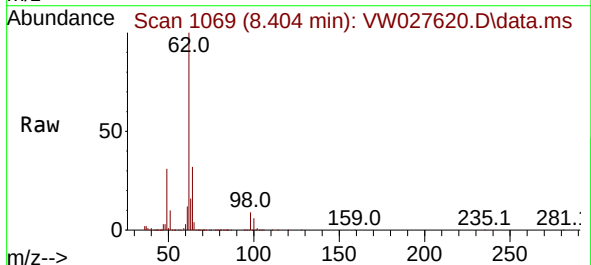
Instrument :
MSVOA_W
ClientSampleId :
E0LQ8MSD

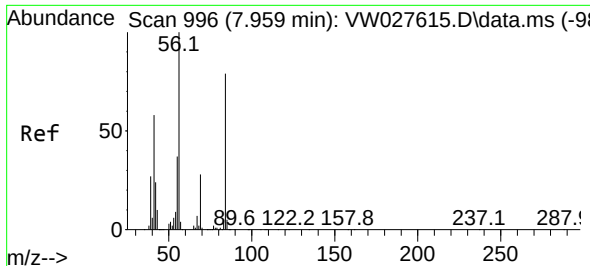
Tgt Ion: 83 Resp: 312026
Ion Ratio Lower Upper
83 100
85 64.4 49.8 92.6



#27
1,2-Dichloroethane
Concen: 23.549 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

Tgt Ion: 62 Resp: 186202
Ion Ratio Lower Upper
62 100
98 9.0 7.4 11.0

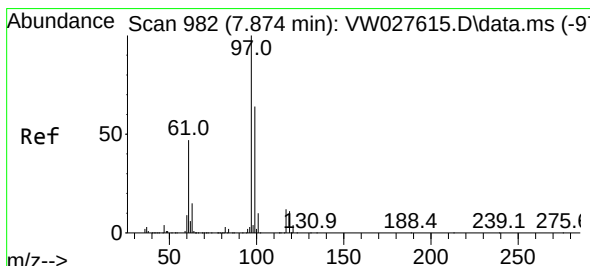
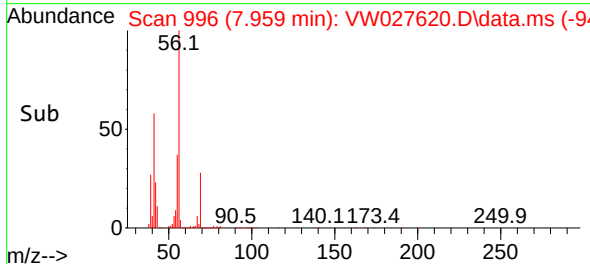
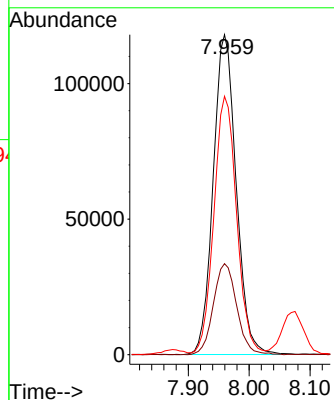
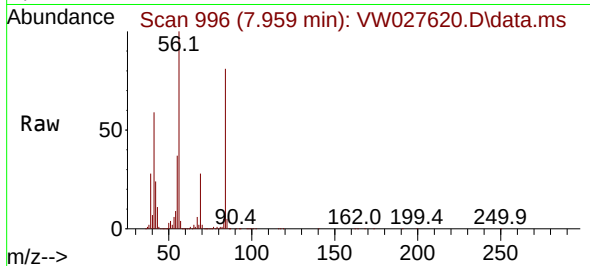




#29
Cyclohexane
Concen: 26.718 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

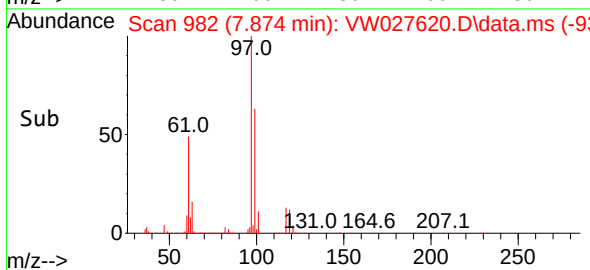
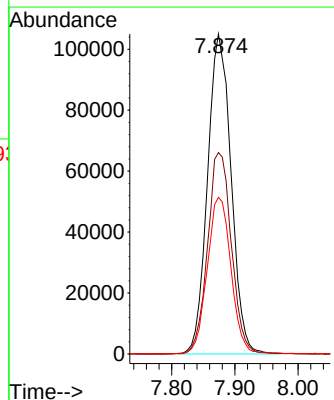
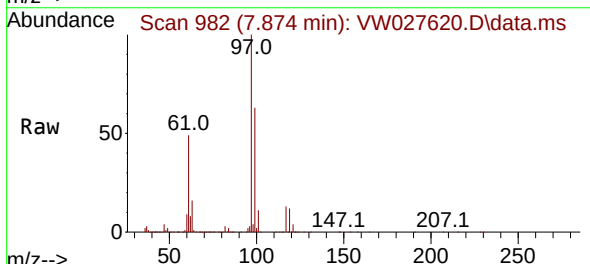
Instrument :
MSVOA_W
ClientSampleId :
E0LQ8MSD

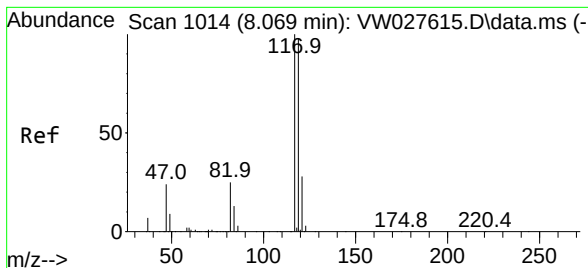
Tgt Ion: 56 Resp: 308620
Ion Ratio Lower Upper
56 100
69 28.7 24.1 36.1
84 80.2 65.0 97.4



#30
1,1,1-Trichloroethane
Concen: 27.725 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

Tgt Ion: 97 Resp: 271736
Ion Ratio Lower Upper
97 100
99 63.7 50.5 75.7
61 49.5 39.0 58.4





#31

Carbon tetrachloride

Concen: 26.596 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

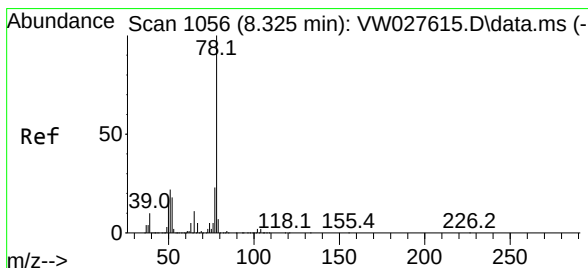
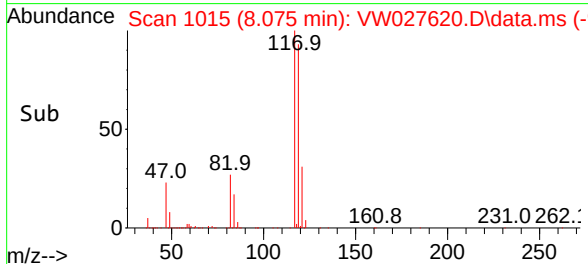
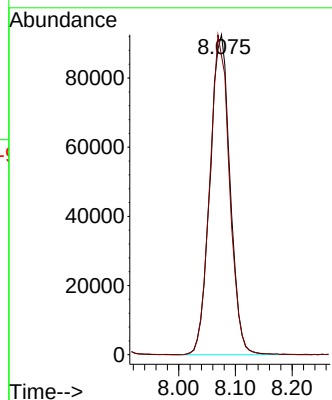
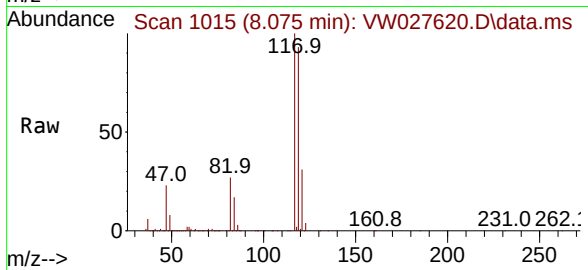
E0LQ8MSD

Tgt Ion:117 Resp: 227365

Ion Ratio Lower Upper

117 100

119 98.0 77.0 115.6



#33

Benzene

Concen: 28.934 ug/L

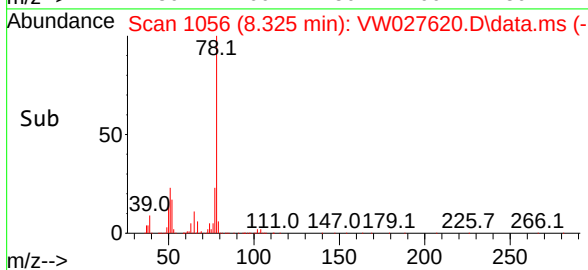
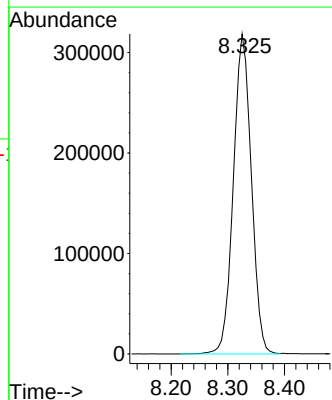
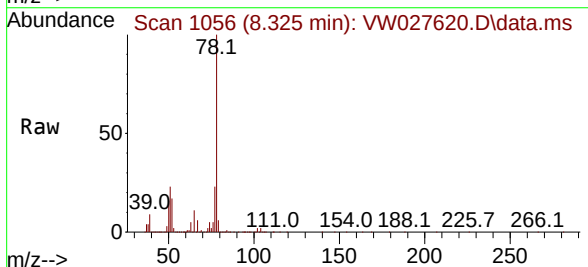
RT: 8.325 min Scan# 1056

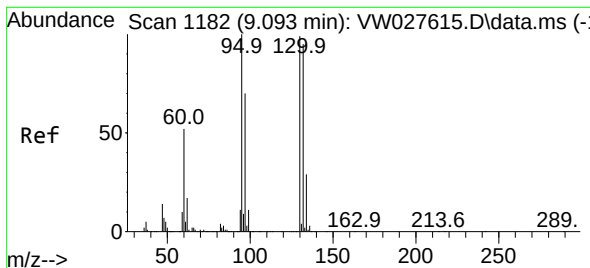
Delta R.T. 0.000 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

Tgt Ion: 78 Resp: 701647





#34

Trichloroethene

Concen: 24.478 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

E0LQ8MSD

Tgt Ion: 95 Resp: 162139

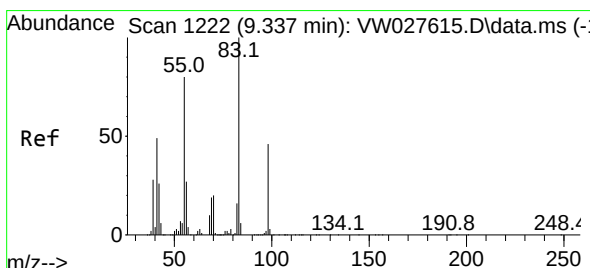
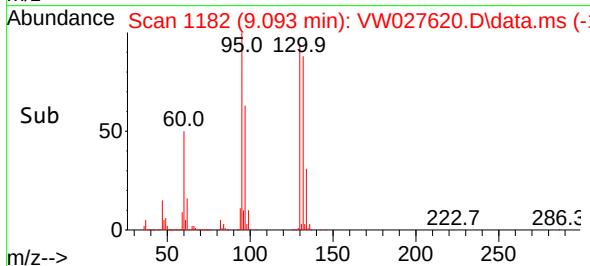
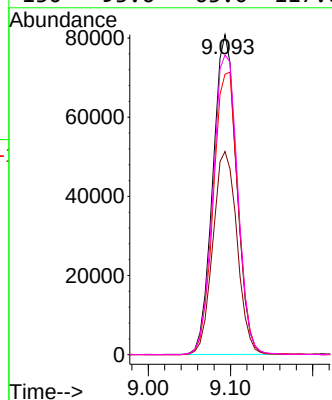
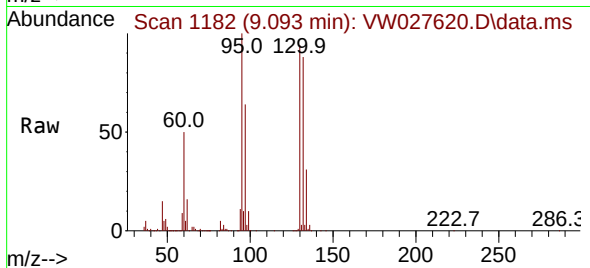
Ion Ratio Lower Upper

95 100

97 63.5 43.0 80.0

132 87.6 64.1 119.1

130 93.6 63.0 117.0



#35

Methylcyclohexane

Concen: 23.317 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

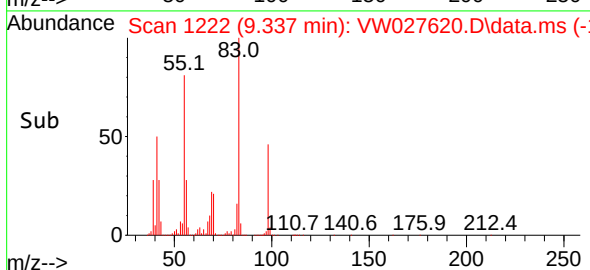
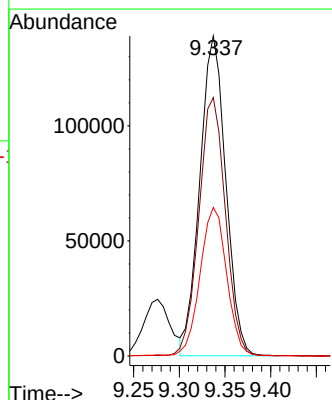
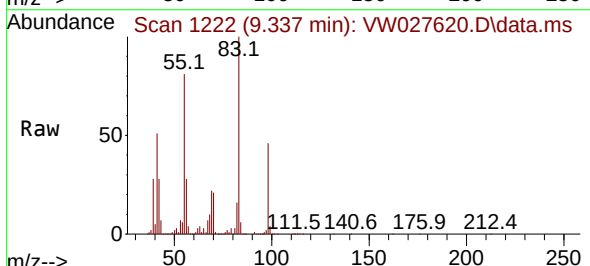
Tgt Ion: 83 Resp: 275009

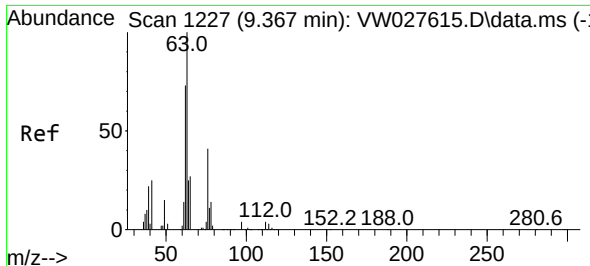
Ion Ratio Lower Upper

83 100

55 82.2 65.6 98.4

98 47.6 38.3 57.5





#37

1,2-Dichloropropane

Concen: 28.956 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

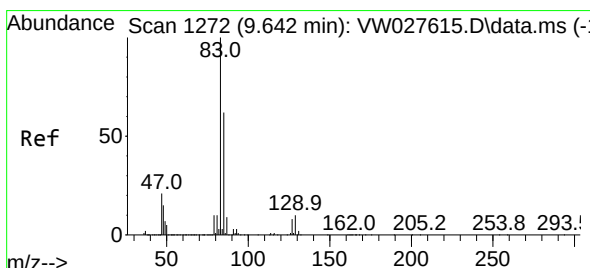
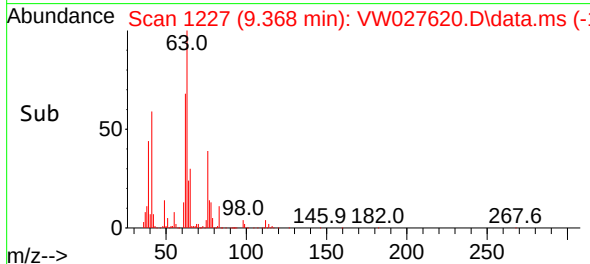
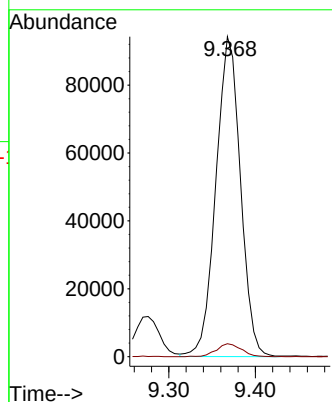
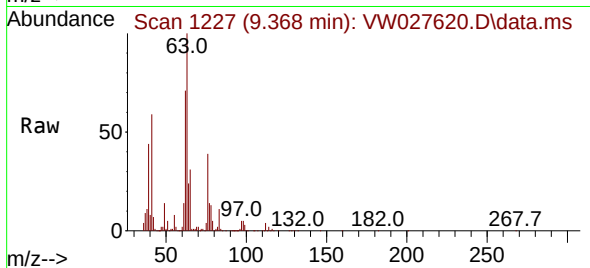
E0LQ8MSD

Tgt Ion: 63 Resp: 185396

Ion Ratio Lower Upper

63 100

112 4.1 3.6 5.4



#38

Bromodichloromethane

Concen: 27.845 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

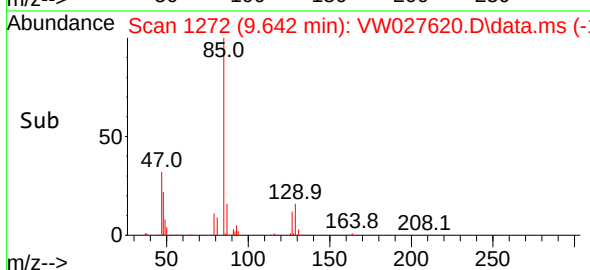
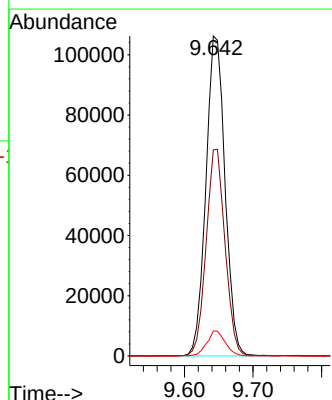
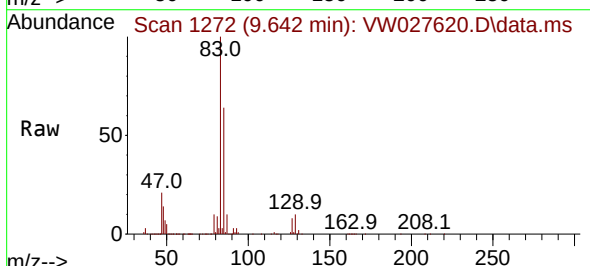
Tgt Ion: 83 Resp: 206102

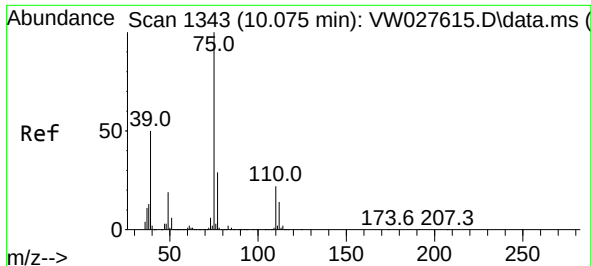
Ion Ratio Lower Upper

83 100

85 64.4 44.3 82.3

127 7.8 5.3 7.9





#39

cis-1,3-Dichloropropene

Concen: 26.860 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

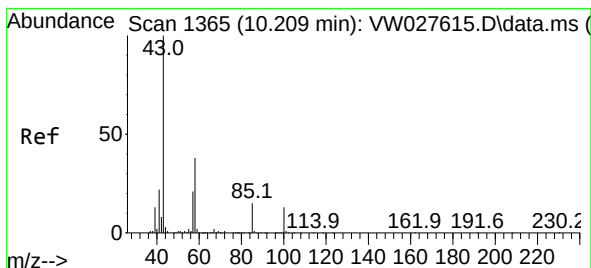
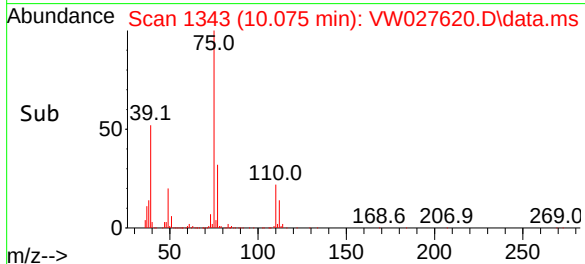
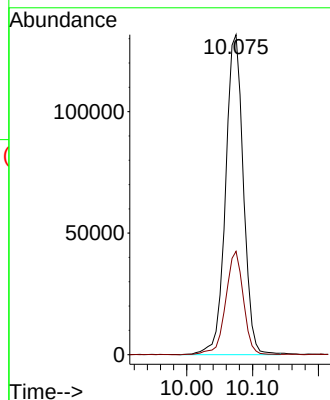
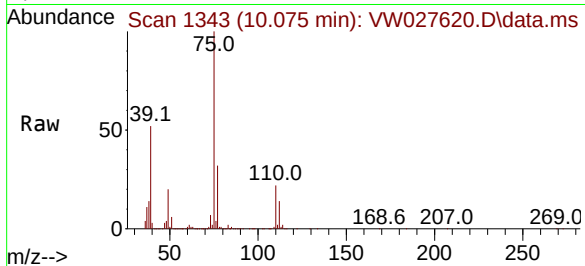
E0LQ8MSD

Tgt Ion: 75 Resp: 248256

Ion Ratio Lower Upper

75 100

77 32.3 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 41.221 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

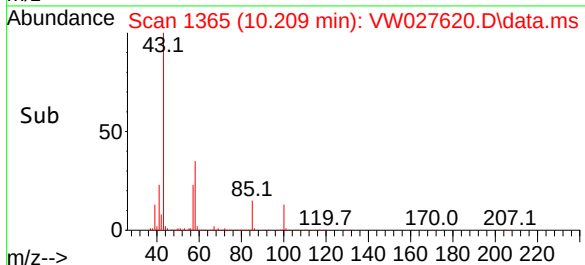
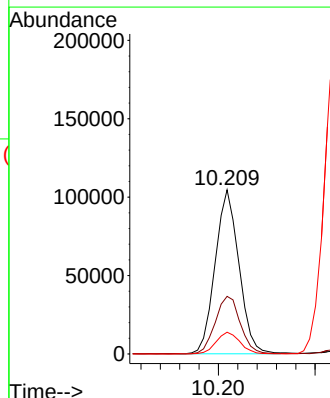
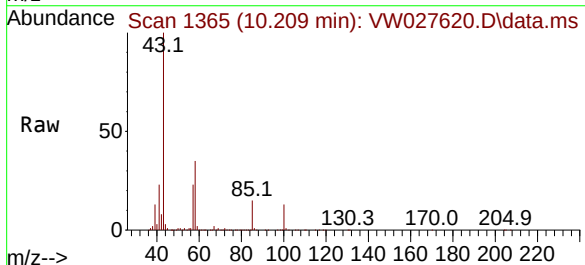
Tgt Ion: 43 Resp: 178398

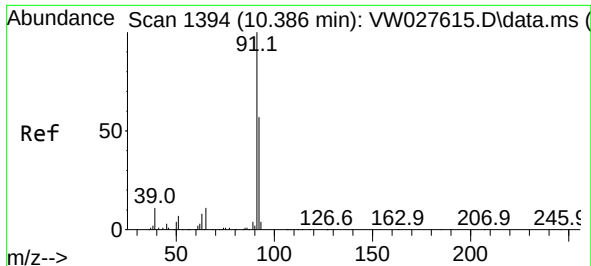
Ion Ratio Lower Upper

43 100

58 36.9 29.6 44.4

100 13.3 11.1 16.7

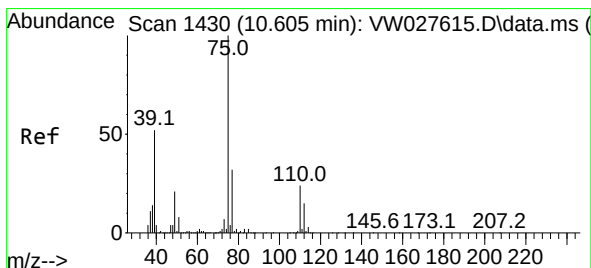
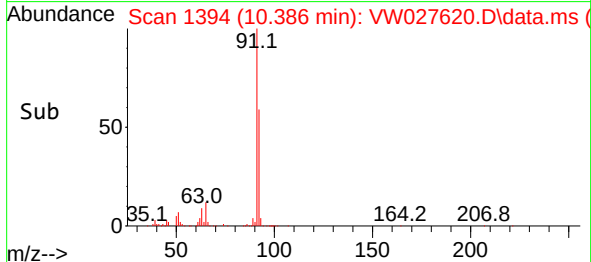
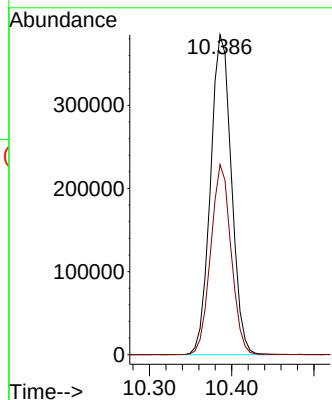
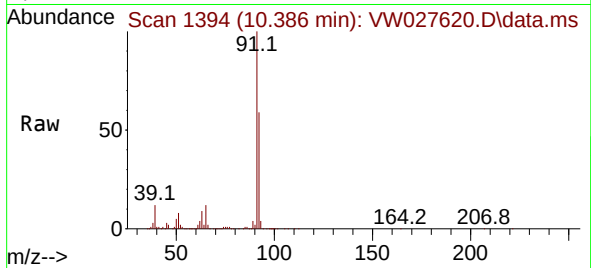




#42
Toluene
Concen: 26.547 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

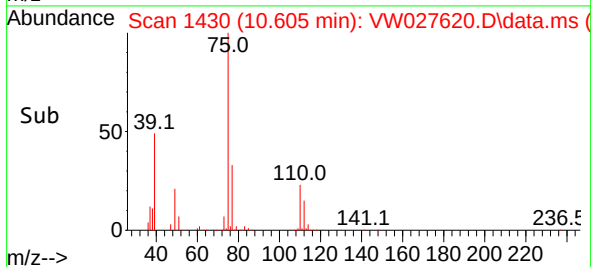
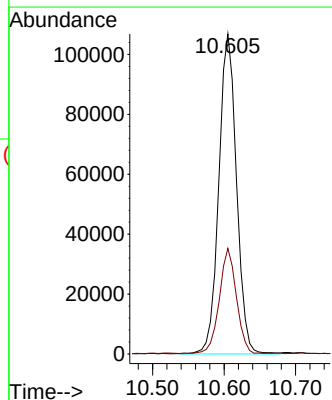
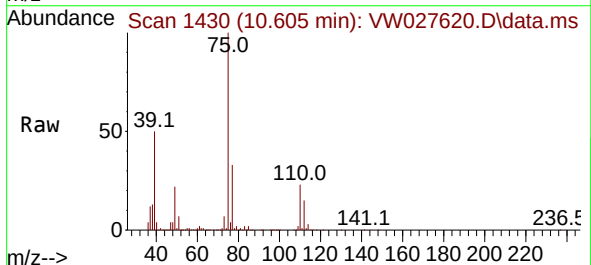
Instrument :
MSVOA_W
ClientSampleId :
E0LQ8MSD

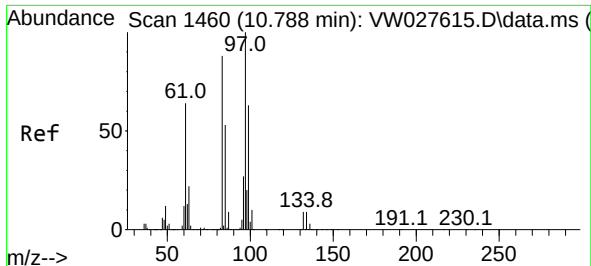
Tgt Ion: 91 Resp: 680899
Ion Ratio Lower Upper
91 100
92 59.4 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 24.642 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

Tgt Ion: 75 Resp: 183734
Ion Ratio Lower Upper
75 100
77 33.0 23.7 44.1

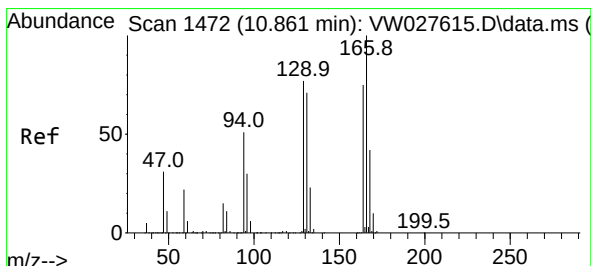
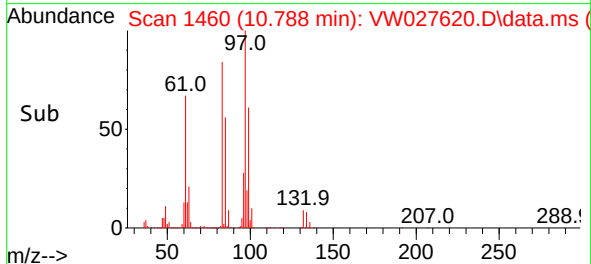
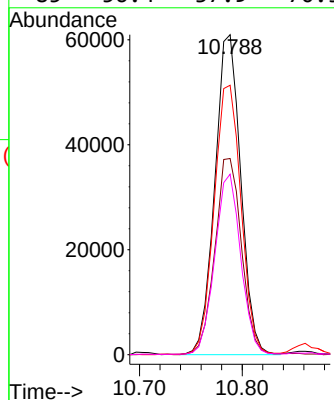
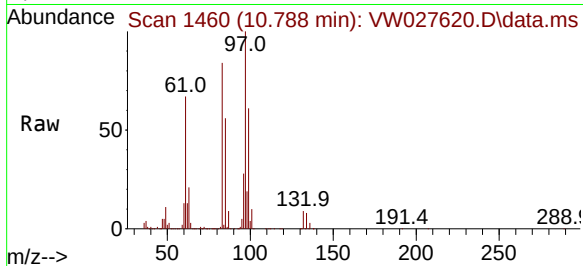




#45
1,1,2-Trichloroethane
Concen: 23.980 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

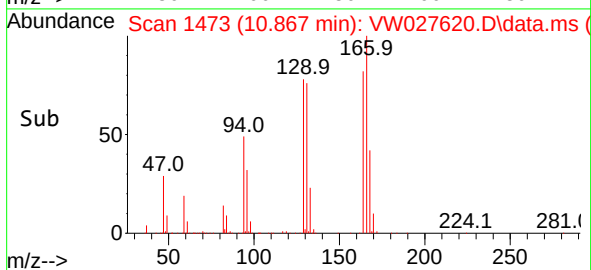
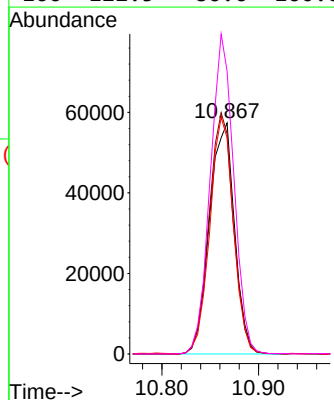
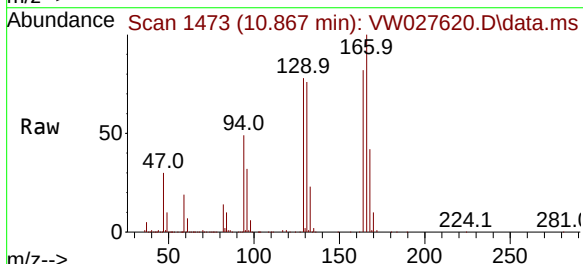
Instrument :
MSVOA_W
ClientSampleId :
E0LQ8MSD

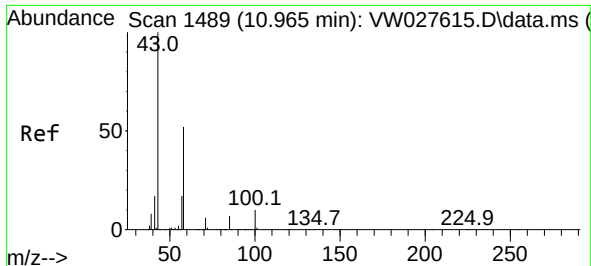
Tgt Ion: 97	Resp: 106928
Ion Ratio	Lower Upper
97 100	
99 61.3	42.8 79.4
83 84.2	59.9 111.3
85 56.4	37.9 70.5



#46
Tetrachloroethene
Concen: 21.855 ug/L
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

Tgt	Ion:164	Resp:	103202
Ion	Ratio	Lower	Upper
164	100		
129	95.4	71.0	131.8
131	93.6	61.2	113.6
166	122.5	86.6	160.8

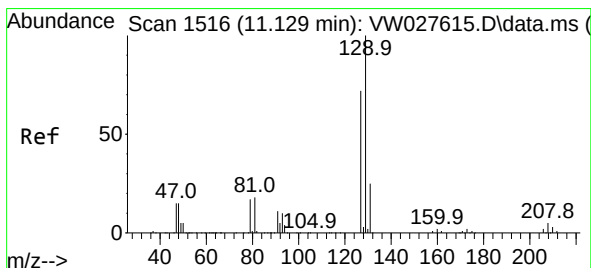
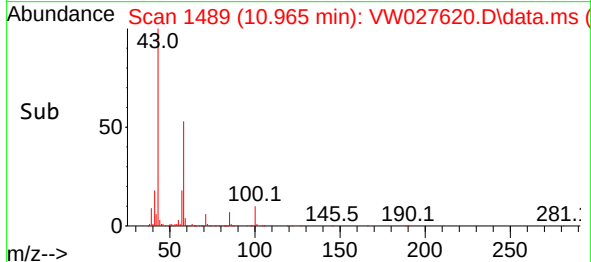
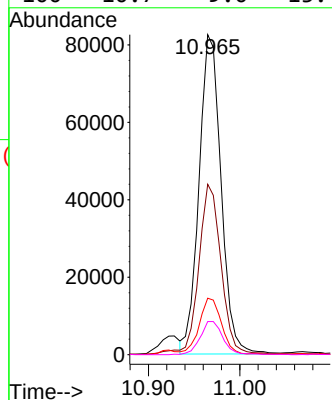
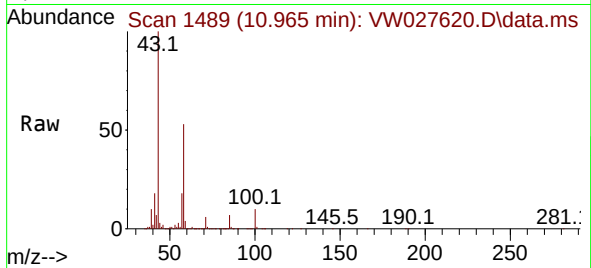




#48
2-Hexanone
Concen: 45.291 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

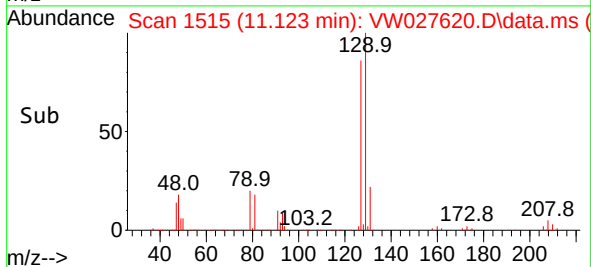
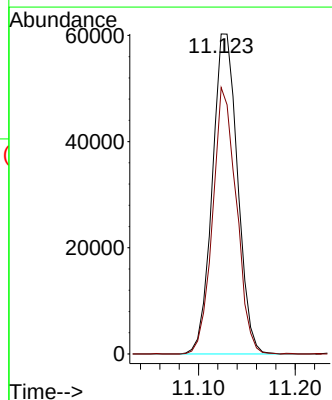
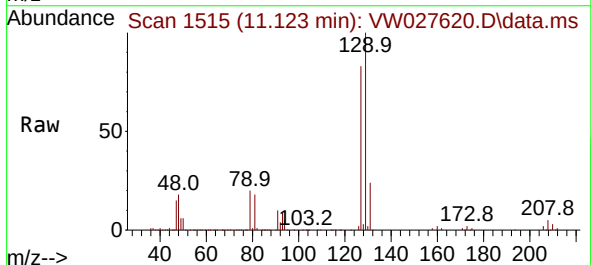
Instrument :
MSVOA_W
ClientSampleId :
E0LQ8MSD

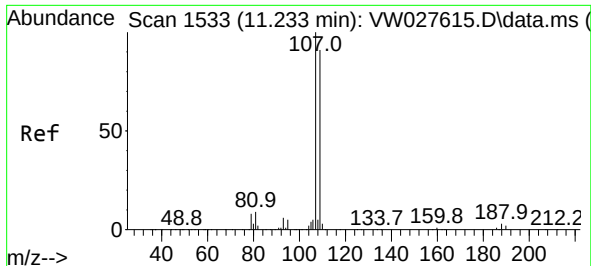
Tgt Ion: 43 Resp: 138144
Ion Ratio Lower Upper
43 100
58 53.9 40.8 61.2
57 17.8 14.8 22.2
100 10.7 9.0 13.4



#49
Dibromochloromethane
Concen: 24.763 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

Tgt Ion: 129 Resp: 109144
Ion Ratio Lower Upper
129 100
127 83.2 52.3 97.1





#50

1,2-Dibromoethane

Concen: 21.765 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

E0LQ8MSD

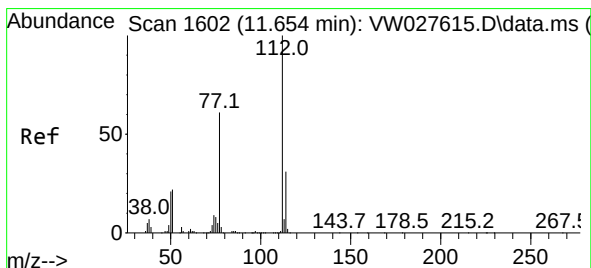
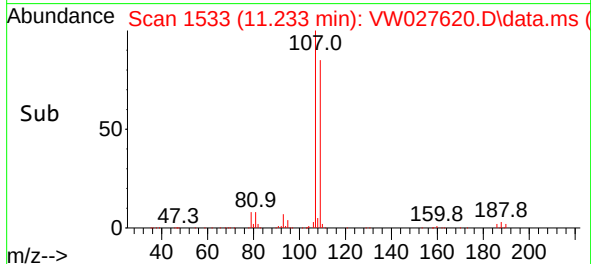
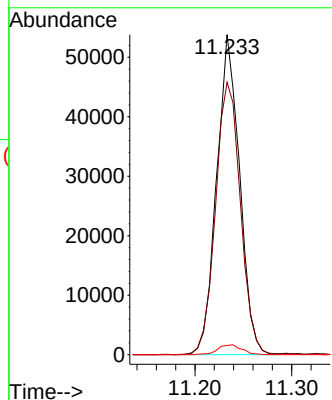
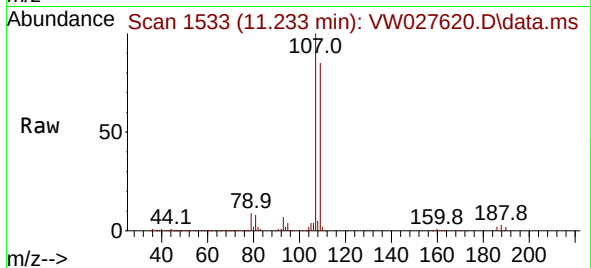
Tgt Ion:107 Resp: 88792

Ion Ratio Lower Upper

107 100

109 85.1 64.8 120.3

188 2.9 2.7 4.1



#51

Chlorobenzene

Concen: 22.664 ug/L

RT: 11.660 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

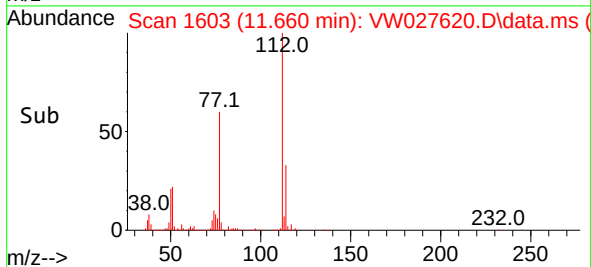
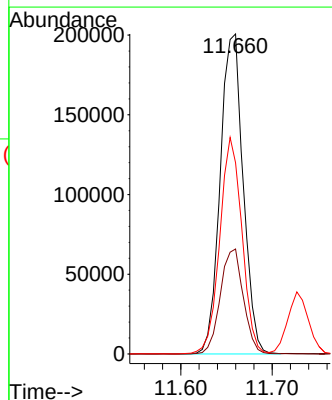
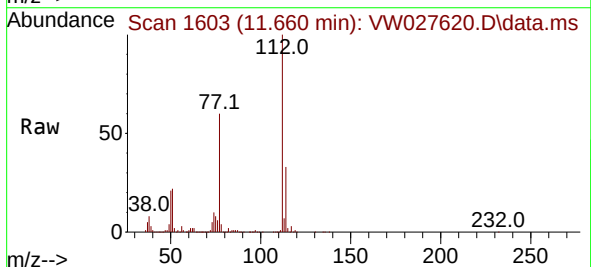
Tgt Ion:112 Resp: 350704

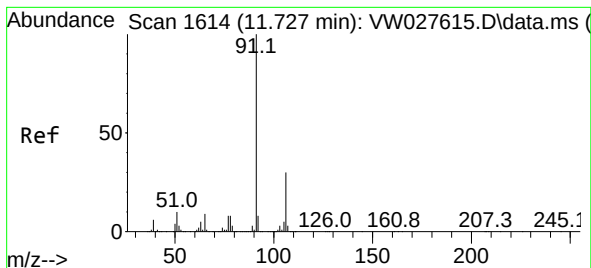
Ion Ratio Lower Upper

112 100

114 32.8 21.5 39.9

77 59.7 50.6 76.0

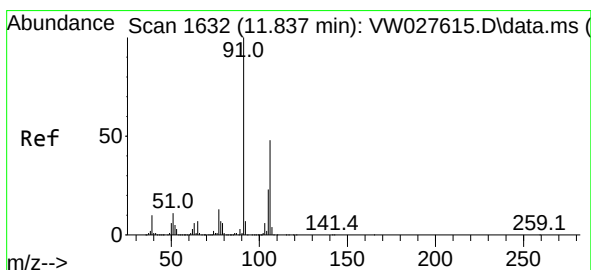
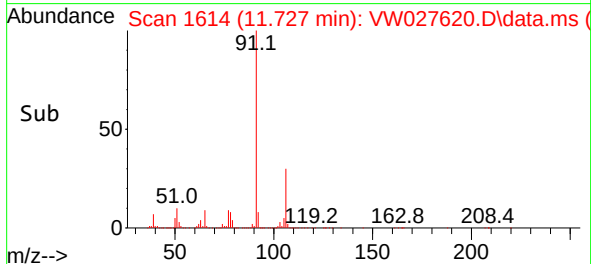
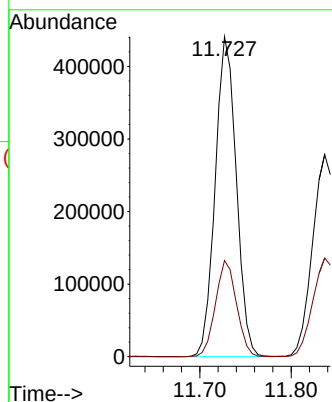
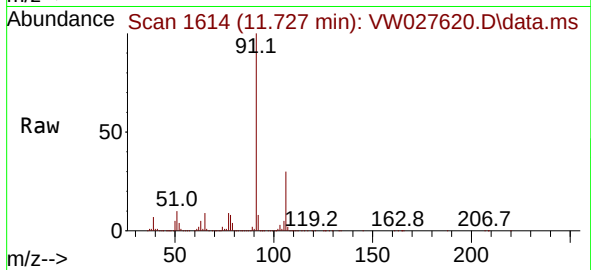




#52
Ethylbenzene
Concen: 24.282 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

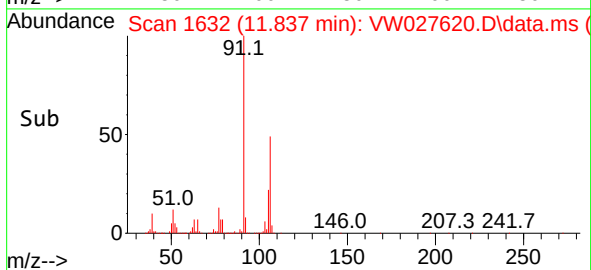
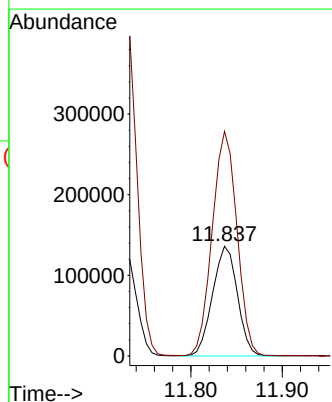
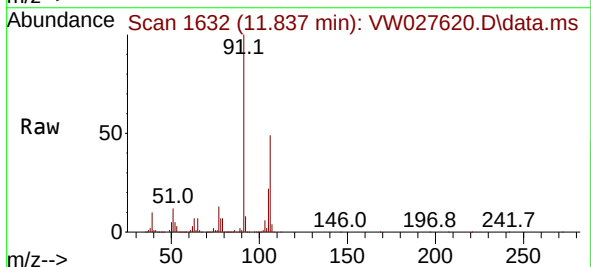
Instrument :
MSVOA_W
ClientSampleId :
E0LQ8MSD

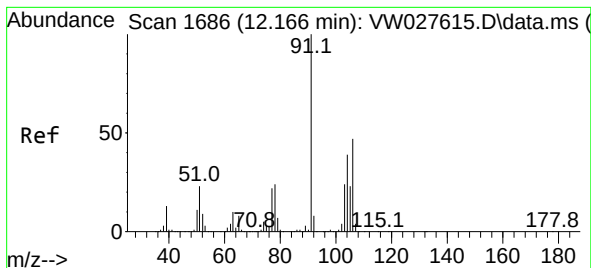
Tgt Ion: 91 Resp: 707463
Ion Ratio Lower Upper
91 100
106 30.1 19.5 36.1



#53
m,p-Xylene
Concen: 23.925 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

Tgt Ion:106 Resp: 256844
Ion Ratio Lower Upper
106 100
91 204.8 142.1 263.9





#54

o-Xylene

Concen: 27.132 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

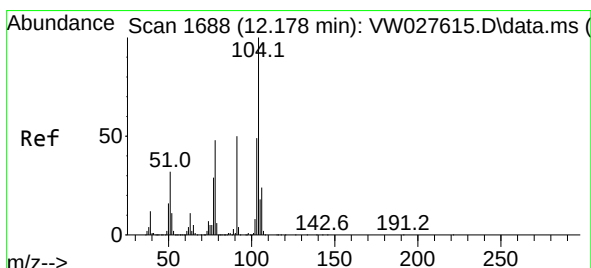
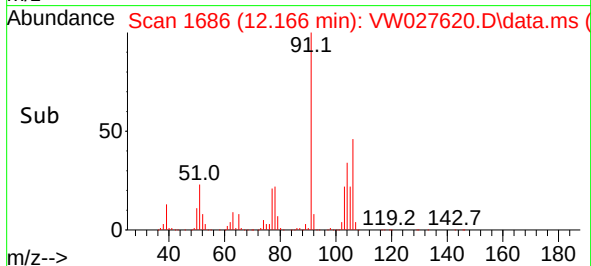
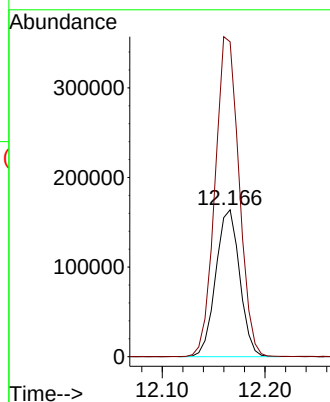
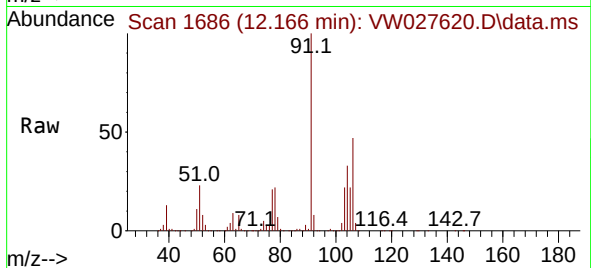
E0LQ8MSD

Tgt Ion:106 Resp: 264736

Ion Ratio Lower Upper

106 100

91 214.4 158.8 295.0



#55

Styrene

Concen: 23.249 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027620.D

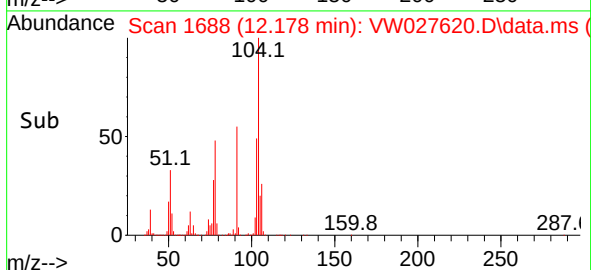
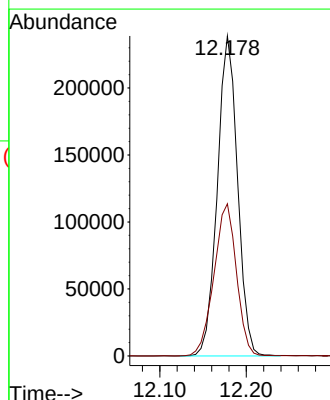
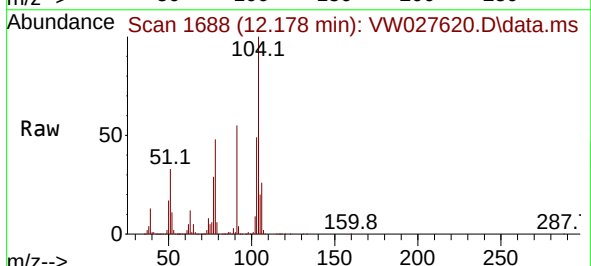
Acq: 14 Dec 2023 11:19

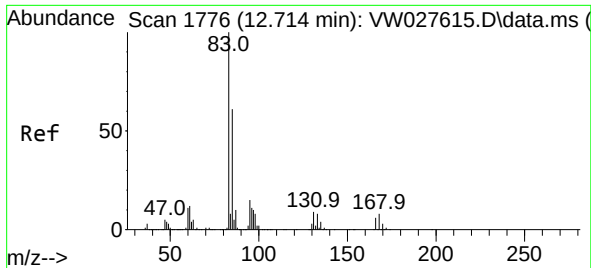
Tgt Ion:104 Resp: 387199

Ion Ratio Lower Upper

104 100

78 47.6 33.9 62.9

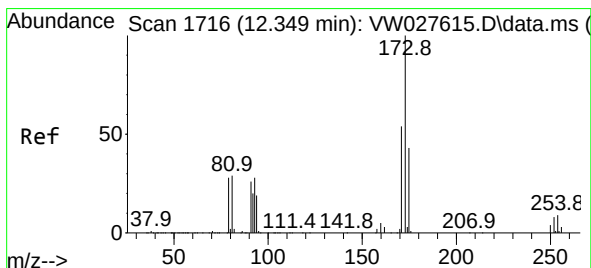
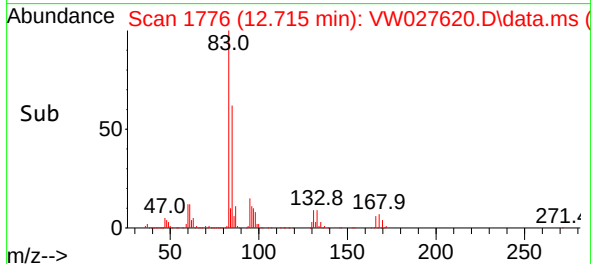
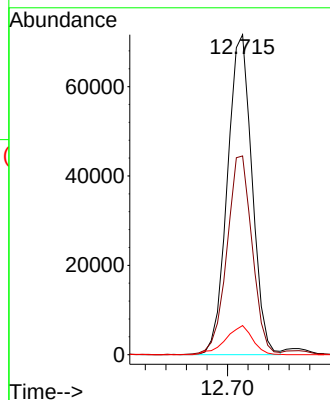
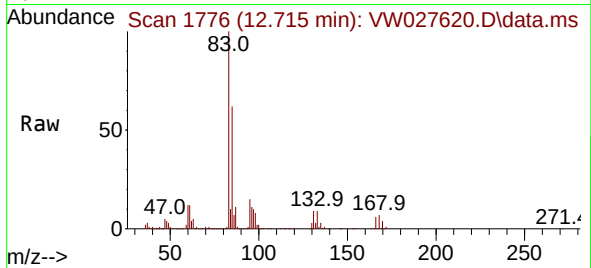




#57
1,1,2,2-Tetrachloroethane
Concen: 20.522 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

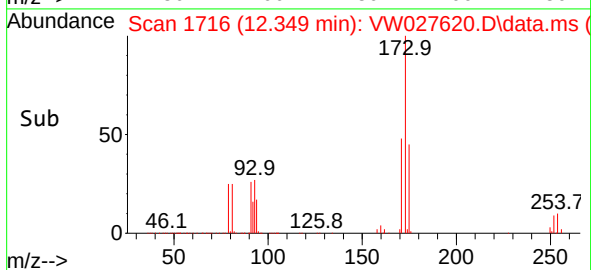
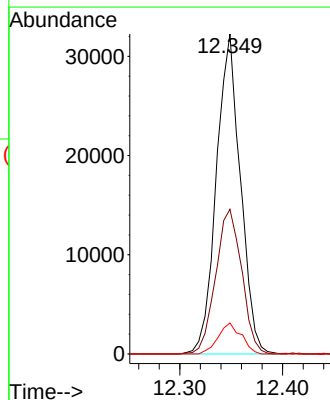
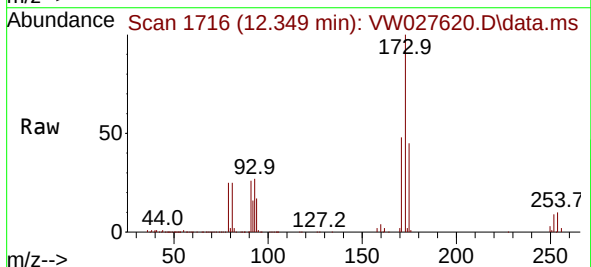
Instrument :
MSVOA_W
ClientSampleId :
E0LQ8MSD

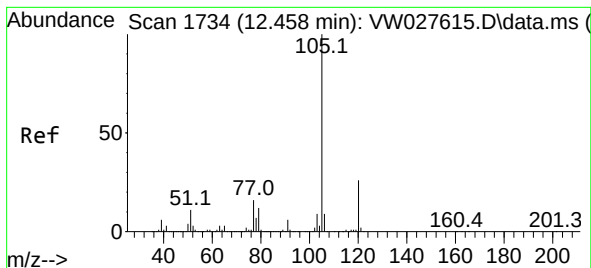
Tgt Ion: 83 Resp: 119126
Ion Ratio Lower Upper
83 100
85 62.1 41.9 77.7
131 9.1 7.0 10.6



#59
Bromoform
Concen: 30.315 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

Tgt Ion: 173 Resp: 52462
Ion Ratio Lower Upper
173 100
175 48.8 39.4 59.0
254 9.3 7.8 11.8





#60

Isopropylbenzene

Concen: 33.882 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

E0LQ8MSD

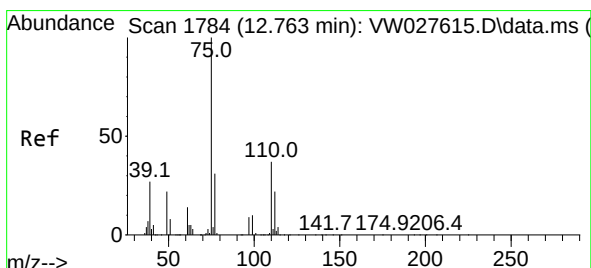
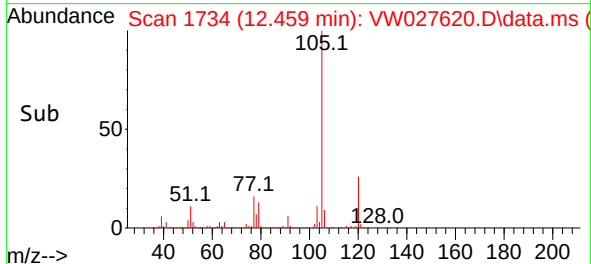
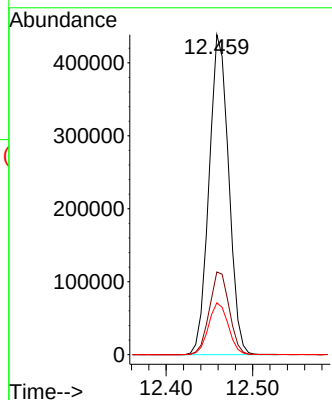
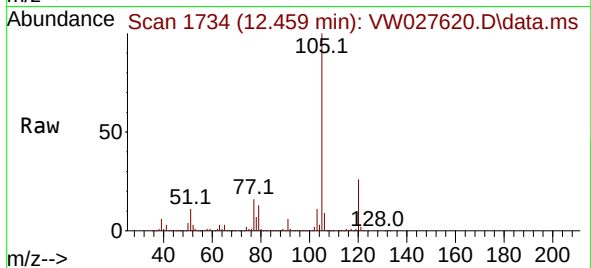
Tgt Ion:105 Resp: 691231

Ion Ratio Lower Upper

105 100

120 26.1 20.3 30.5

77 16.3 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 27.394 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

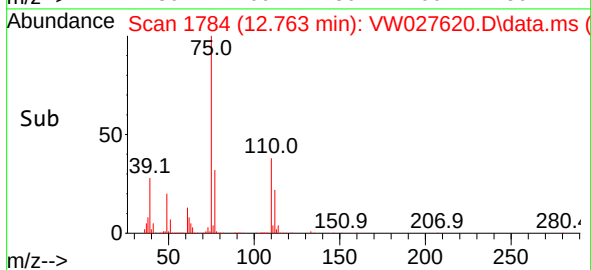
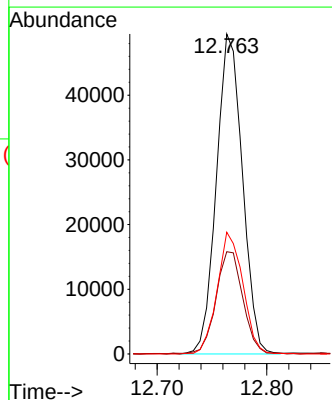
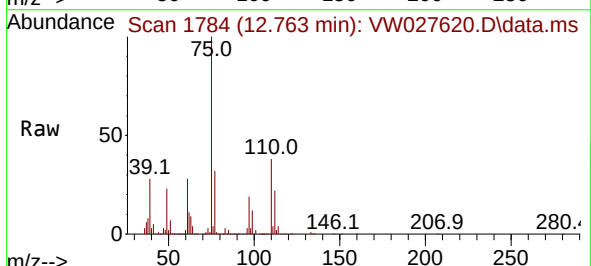
Tgt Ion: 75 Resp: 81643

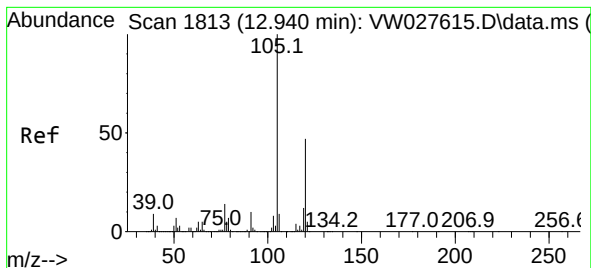
Ion Ratio Lower Upper

75 100

77 32.9 26.6 39.8

110 37.5 30.2 45.4

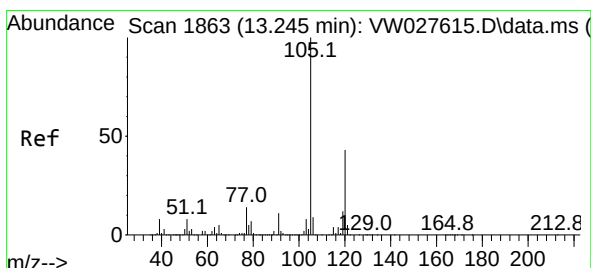
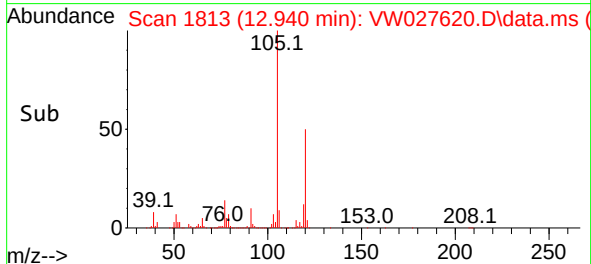
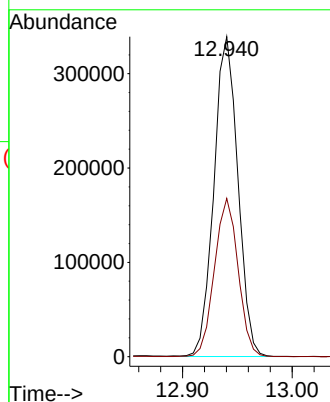
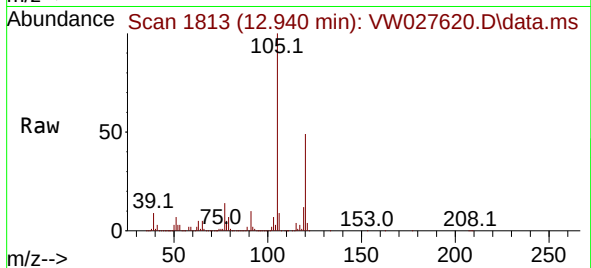




#62
 1,3,5-Trimethylbenzene
 Concen: 34.168 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW027620.D
 Acq: 14 Dec 2023 11:19

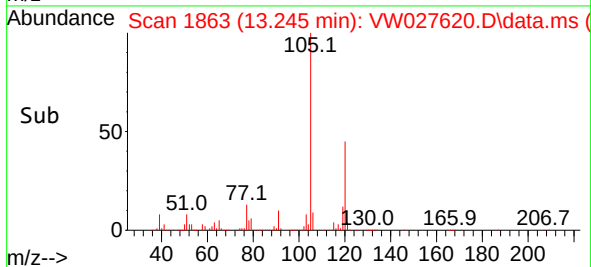
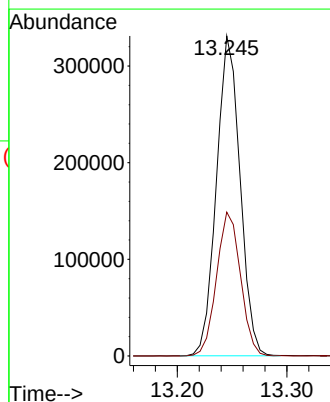
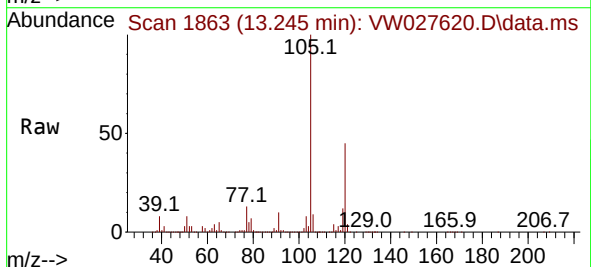
Instrument :
 MSVOA_W
 ClientSampleId :
 E0LQ8MSD

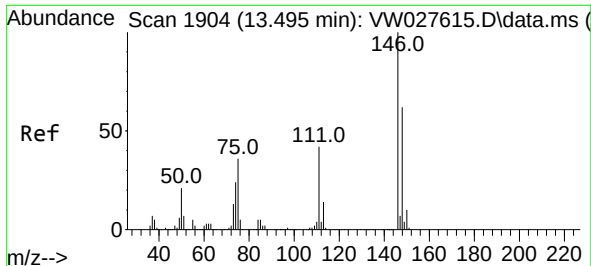
Tgt Ion:105 Resp: 515575
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 32.957 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW027620.D
 Acq: 14 Dec 2023 11:19

Tgt Ion:105 Resp: 495285
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.9 55.3

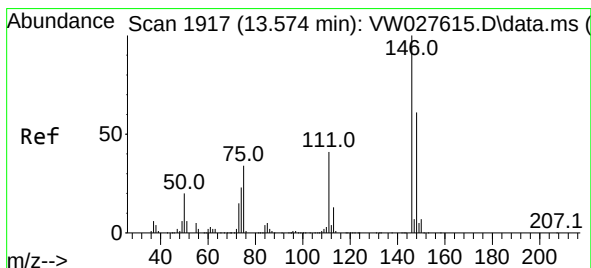
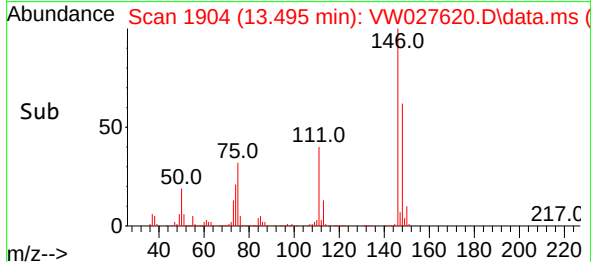
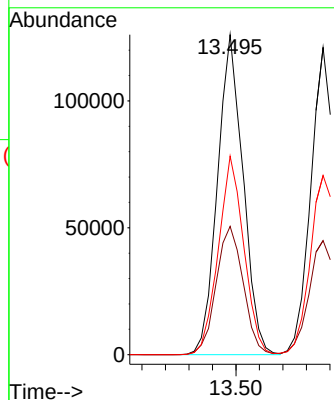
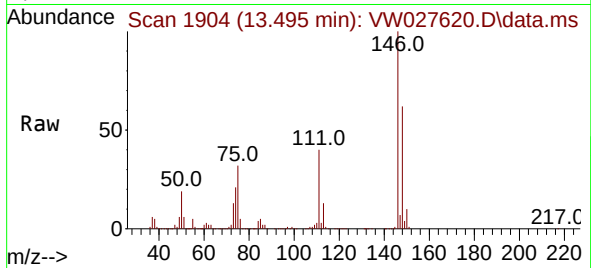




#64
1,3-Dichlorobenzene
Concen: 24.424 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

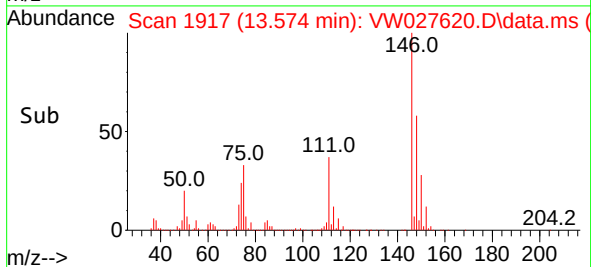
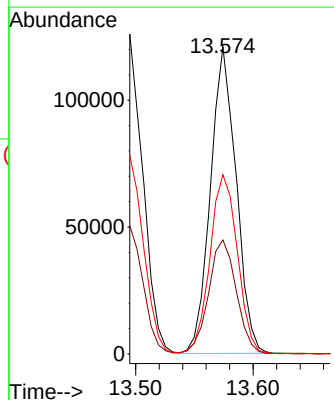
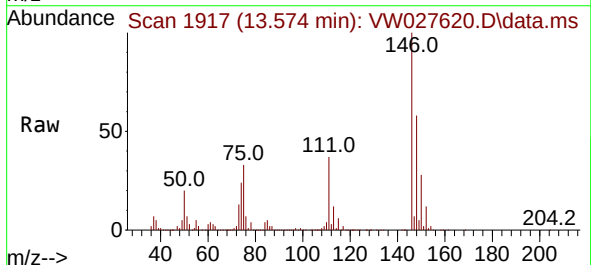
Instrument :
MSVOA_W
ClientSampleId :
E0LQ8MSD

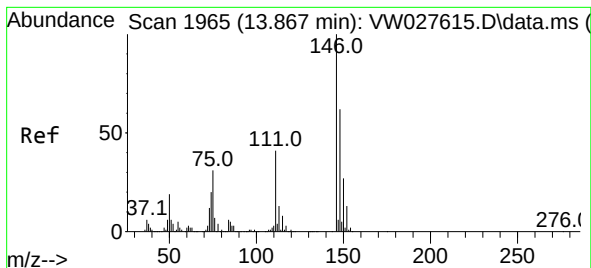
Tgt Ion:146 Resp: 190866
Ion Ratio Lower Upper
146 100
111 40.1 29.5 54.7
148 62.1 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 23.557 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027620.D
Acq: 14 Dec 2023 11:19

Tgt Ion:146 Resp: 183620
Ion Ratio Lower Upper
146 100
111 37.1 28.9 53.7
148 58.3 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 26.062 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

E0LQ8MSD

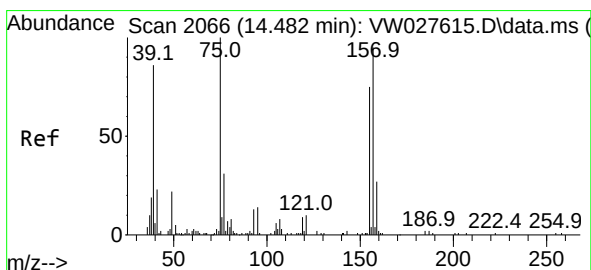
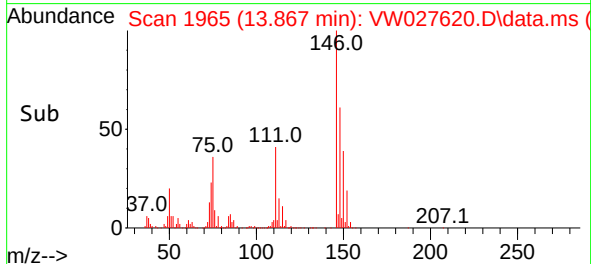
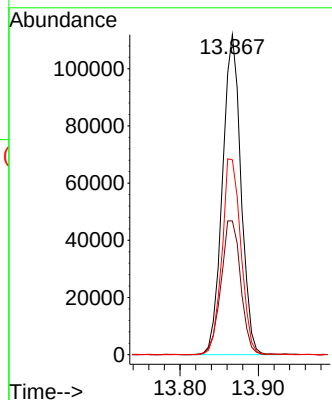
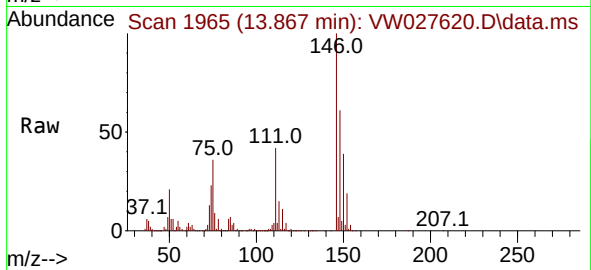
Tgt Ion:146 Resp: 183487

Ion Ratio Lower Upper

146 100

111 41.8 33.9 50.9

148 60.9 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 21.808 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

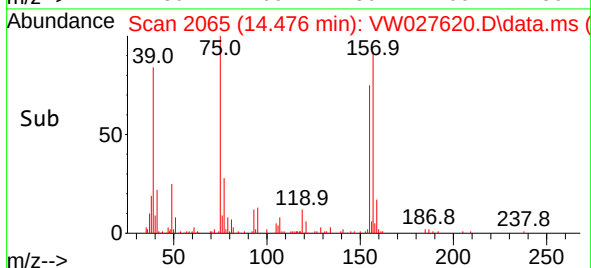
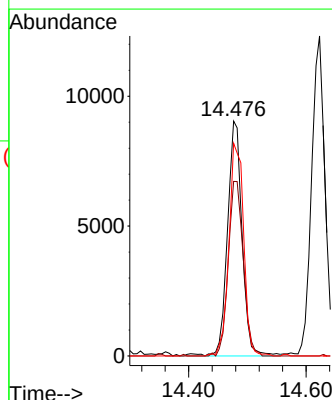
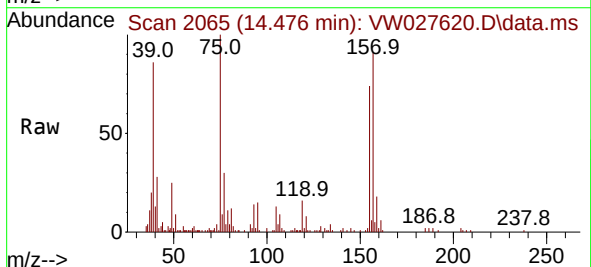
Tgt Ion: 75 Resp: 15633

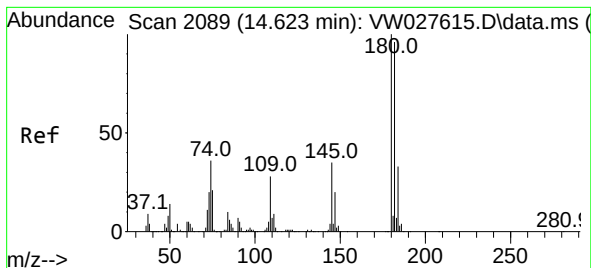
Ion Ratio Lower Upper

75 100

155 74.3 65.8 98.8

157 90.5 63.0 94.6





#69

1,3,5-Trichlorobenzene

Concen: 16.534 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

E0LQ8MSD

Tgt Ion:180 Resp: 86882

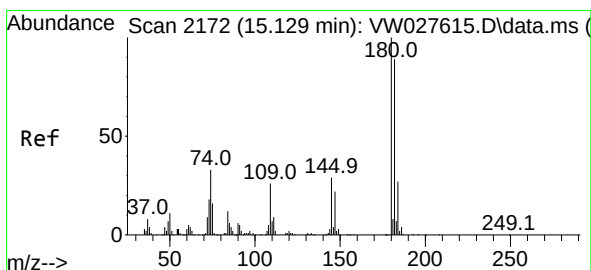
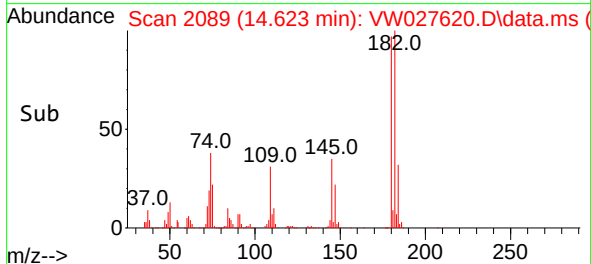
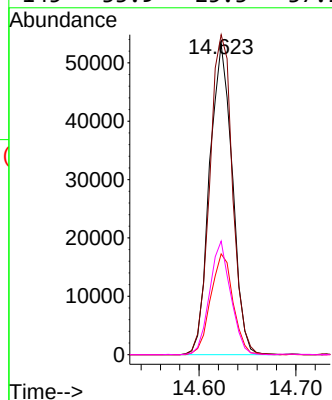
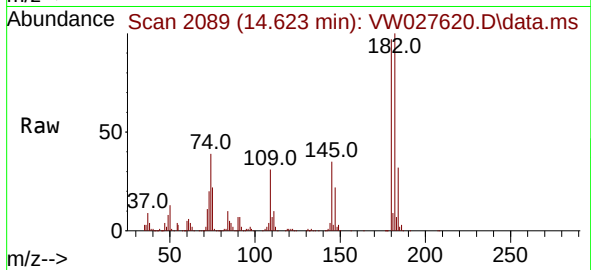
Ion Ratio Lower Upper

180 100

182 102.9 73.2 109.8

184 32.0 25.4 38.2

145 33.9 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 14.414 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

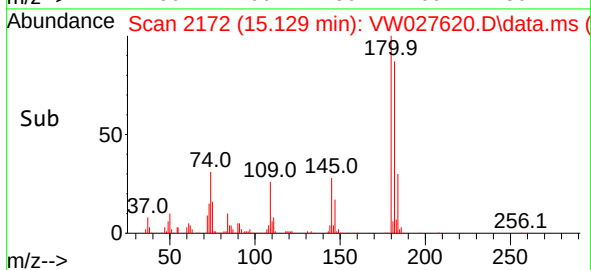
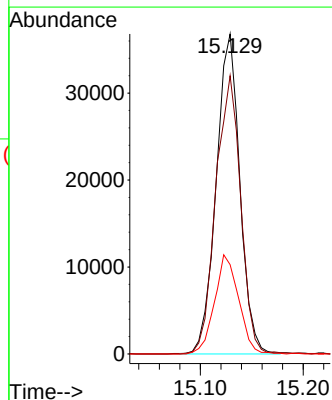
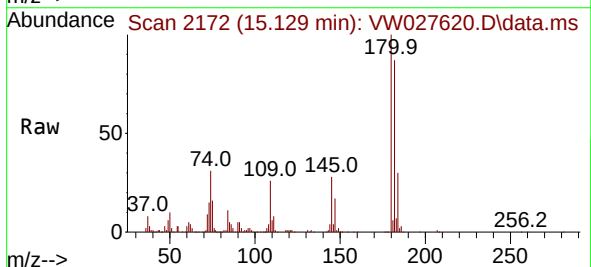
Tgt Ion:180 Resp: 58820

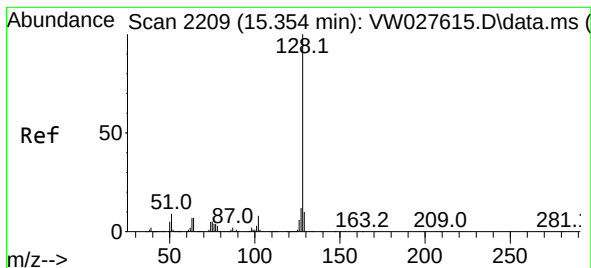
Ion Ratio Lower Upper

180 100

182 91.0 78.7 118.1

145 31.6 26.8 40.2





#71

Naphthalene

Concen: 19.856 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

Instrument :

MSVOA_W

ClientSampleId :

E0LQ8MSD

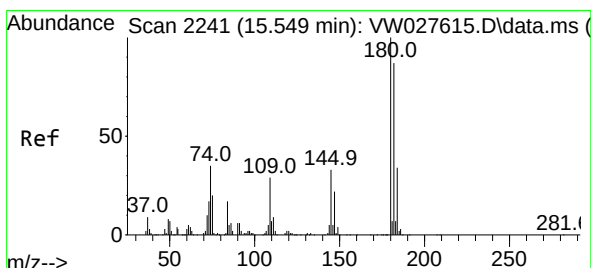
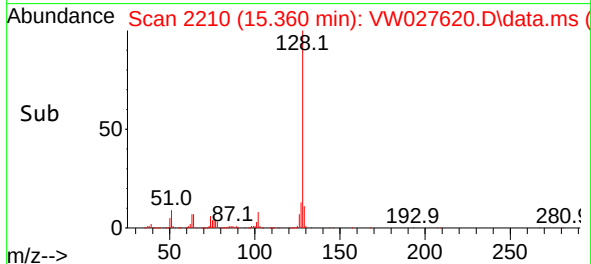
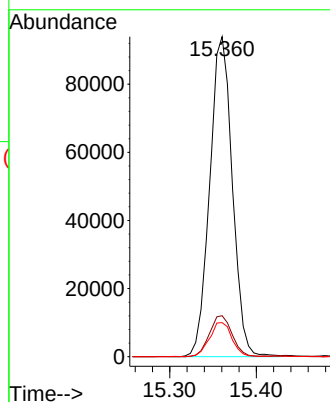
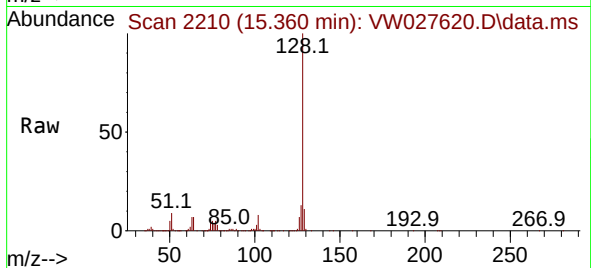
Tgt Ion:128 Resp: 170426

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.6 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 15.440 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027620.D

Acq: 14 Dec 2023 11:19

Tgt Ion:180 Resp: 53972

Ion Ratio Lower Upper

180 100

182 90.2 72.4 108.6

145 34.7 27.4 41.0

