

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
 Data File : VW026150.D
 Acq On : 08 Jun 2023 22:42
 Operator : SY/MD
 Sample : 03101-05MSD
 Misc : 6.34g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZEL8MSD

Quant Time: Jun 09 01:39:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 09 01:33:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1004487	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	864707	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	405131	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	276054	19.535	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.160%
7) Chloroethane-d5	2.893	69	257476	24.340	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.360%
11) 1,1-Dichloroethene-d2	4.027	65	147054	21.105	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.400%
21) 2-Butanone-d5	7.075	46	182944	44.468	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.940%
24) Chloroform-d	7.648	84	662067	22.508	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.040%
26) 1,2-Dichloroethane-d4	8.307	65	397500	24.713	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.840%
32) Benzene-d6	8.270	84	1290443	22.178	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.720%
36) 1,2-Dichloropropane-d6	9.270	67	431915	23.431	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.720%
41) Toluene-d8	10.319	98	1121977	21.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.960%
43) trans-1,3-Dichloroprop...	10.575	79	157867	21.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.440%
47) 2-Hexanone-d5	10.922	63	132291	45.514	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	360857	26.902	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	13.849	152	328343	21.174	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	226569	18.400	ug/L	90
3) Chloromethane	2.223	50	286629	18.154	ug/L	98
5) Vinyl chloride	2.375	62	322821	19.128	ug/L	100
6) Bromomethane	2.783	94	164333	17.861	ug/L	97
8) Chloroethane	2.936	64	206397	22.631	ug/L	99
9) Trichlorofluoromethane	3.265	101	208756	19.226	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	253065	18.471	ug/L #	71
12) 1,1-Dichloroethene	4.045	96	250083	19.554	ug/L	98
13) Acetone	4.119	43	137593	43.223	ug/L	100
14) Carbon disulfide	4.393	76	562669	12.463	ug/L	99
15) Methyl Acetate	4.667	43	147864	20.696	ug/L	98
16) Methylene chloride	4.917	84	287762	17.949	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	274607	19.137	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	542173	23.974	ug/L	99
19) 1,1-Dichloroethane	6.216	63	594729	20.359	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	316088	20.796	ug/L	99
22) 2-Butanone	7.167	43	243022	53.518	ug/L	93
23) Bromochloromethane	7.514	128	134836	20.801	ug/L	95
25) Chloroform	7.673	83	562744	20.682	ug/L	95

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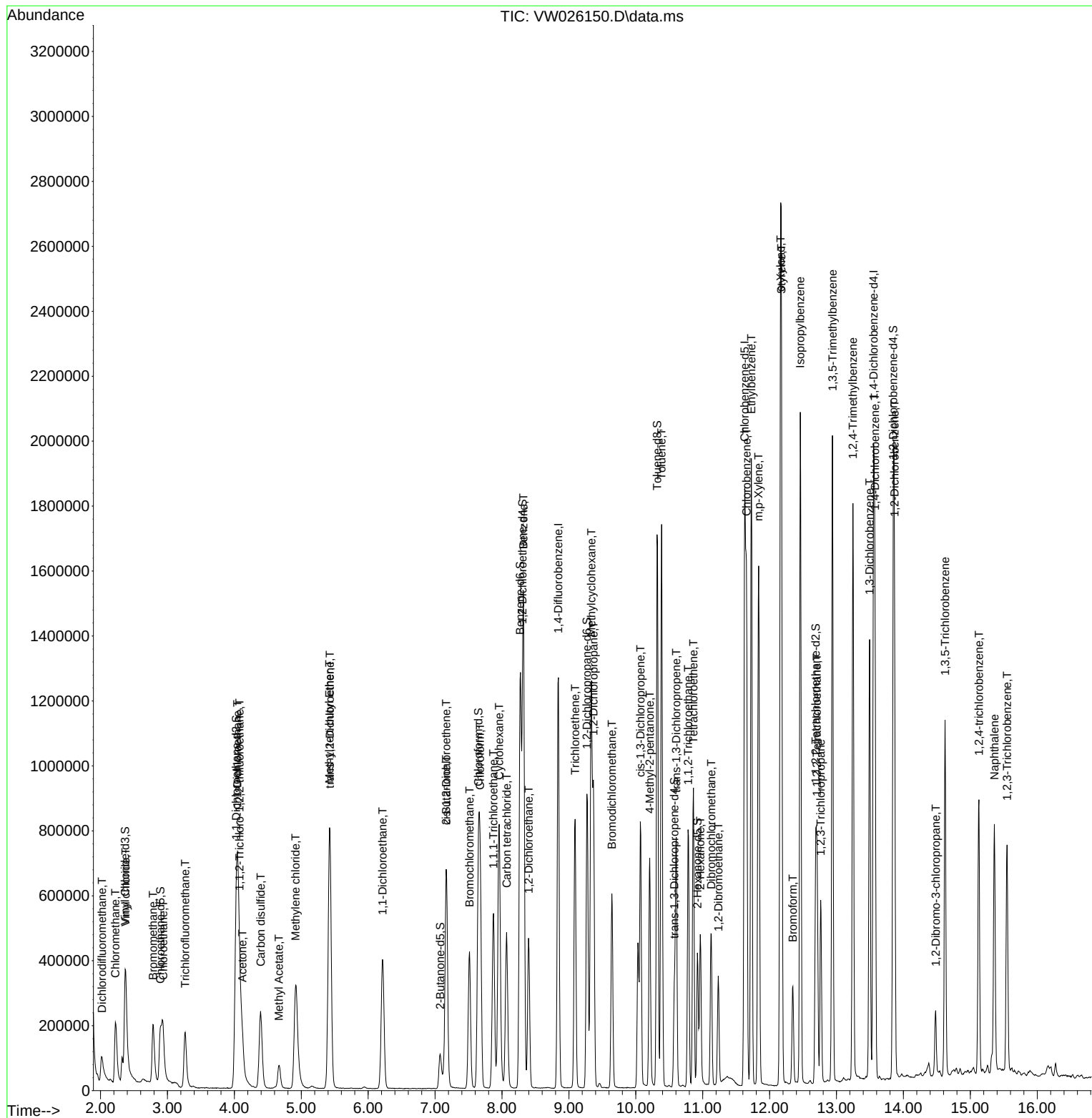
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	423778	22.583	ug/L	97
29) Cyclohexane	7.959	56	496137	18.585	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	426058	20.304	ug/L	99
31) Carbon tetrachloride	8.069	117	358546	18.724	ug/L	99
33) Benzene	8.319	78	1207461	20.384	ug/L	100
34) Trichloroethene	9.093	95	298410	19.674	ug/L	97
35) Methylcyclohexane	9.337	83	478709	17.836	ug/L	100
37) 1,2-Dichloropropane	9.368	63	339533	21.162	ug/L	100
38) Bromodichloromethane	9.642	83	391399	20.998	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	468347	19.864	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	491149	51.923	ug/L	99
42) Toluene	10.386	91	1198760	19.786	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	410921	20.920	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	238195	22.526	ug/L	99
46) Tetrachloroethene	10.861	164	193383	18.025	ug/L	99
48) 2-Hexanone	10.965	43	323437	48.494	ug/L	97
49) Dibromochloromethane	11.129	129	242751	21.896	ug/L	98
50) 1,2-Dibromoethane	11.233	107	224173	22.896	ug/L	96
51) Chlorobenzene	11.654	112	743691	19.588	ug/L	98
52) Ethylbenzene	11.727	91	1321745	19.339	ug/L	99
53) m,p-Xylene	11.837	106	486213	19.123	ug/L	99
54) o-Xylene	12.166	106	470845	19.620	ug/L	97
55) Styrene	12.178	104	790774	19.208	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	304791	23.818	ug/L	97
59) Bromoform	12.349	173	134874	22.165	ug/L	99
60) Isopropylbenzene	12.459	105	1241775	19.512	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	225811	24.883	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1008141	19.926	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	926335	19.991	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	502129	18.765	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	498462	18.502	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	466955	19.432	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	52542	24.990	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	294433	16.018	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	253453	16.710	ug/L	96
71) Naphthalene	15.360	128	625258	23.129	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	217785	16.429	ug/L	98

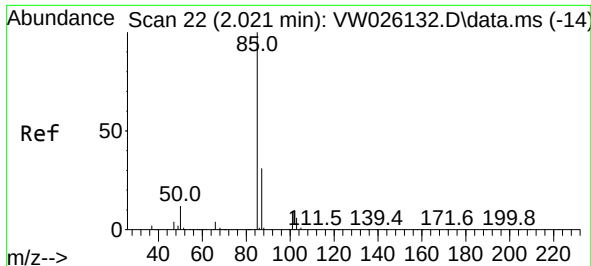
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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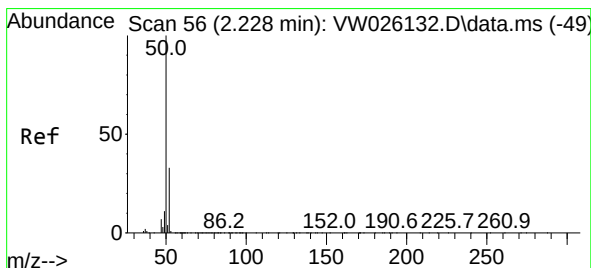
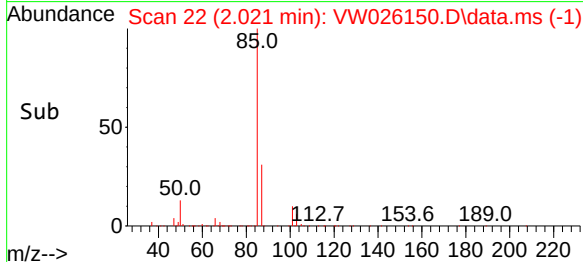
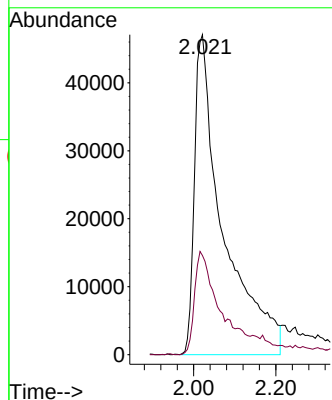
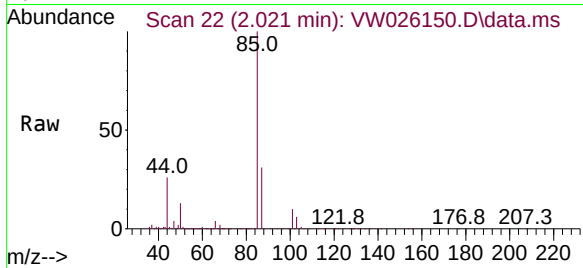




#2
Dichlorodifluoromethane
Concen: 18.400 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

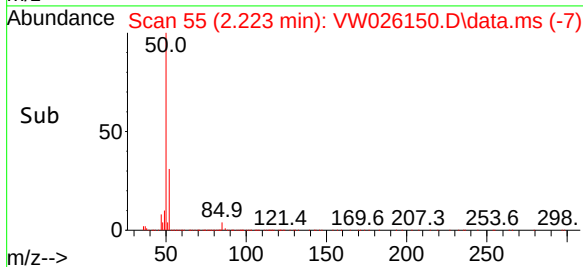
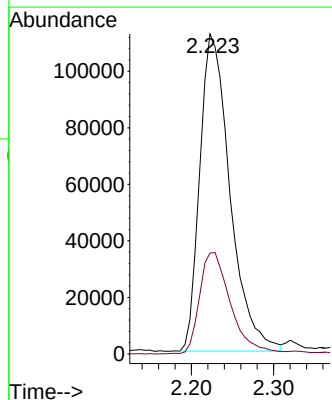
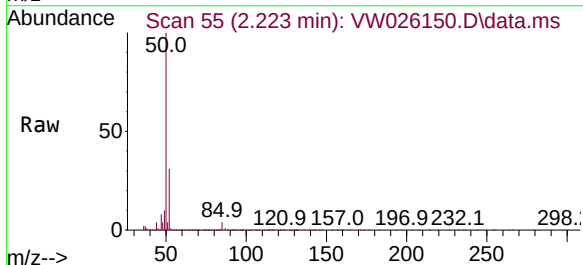
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MSVOA_W
ClientSampleId :
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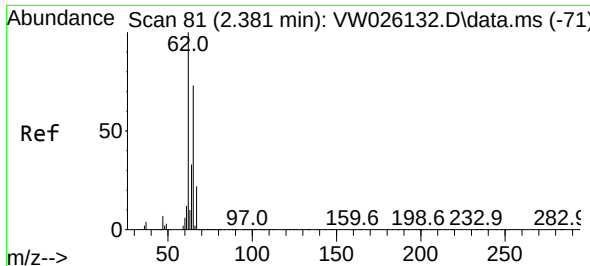
Tgt Ion: 85 Resp: 226569
Ion Ratio Lower Upper
85 100
87 22.5 22.2 33.2



#3
Chloromethane
Concen: 18.154 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

Tgt Ion: 50 Resp: 286629
Ion Ratio Lower Upper
50 100
52 31.5 21.3 39.6

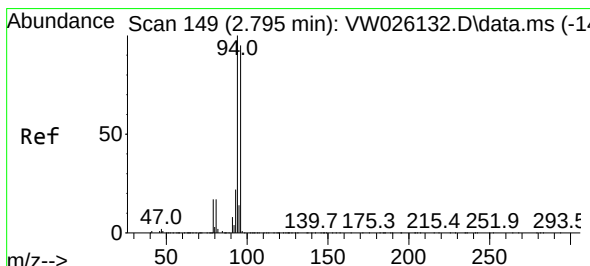
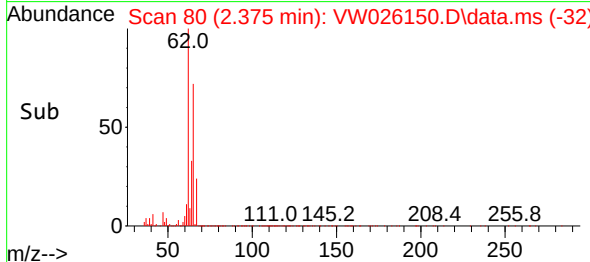
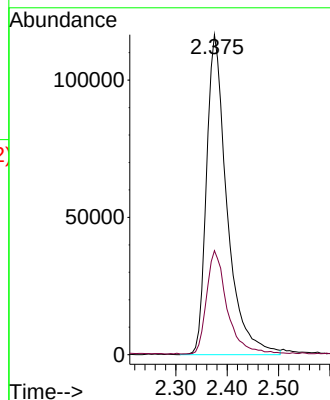
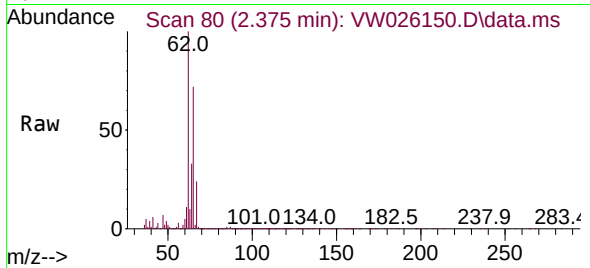




#5
 Vinyl chloride
 Concen: 19.128 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW026150.D
 Acq: 08 Jun 2023 22:42

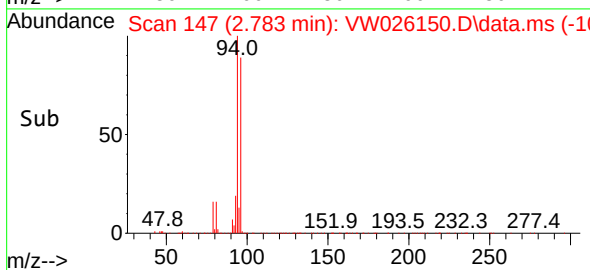
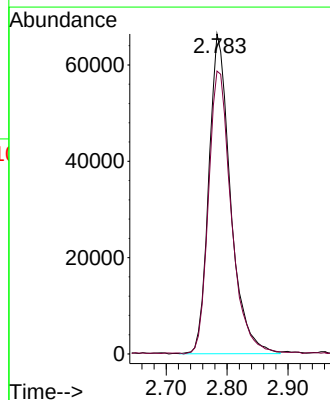
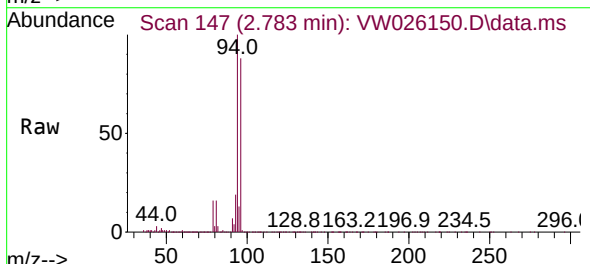
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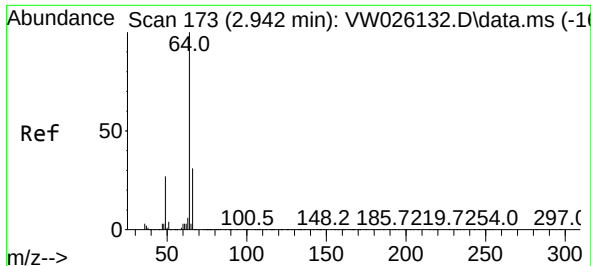
Tgt Ion: 62 Resp: 322821
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.1



#6
 Bromomethane
 Concen: 17.861 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.012 min
 Lab File: VW026150.D
 Acq: 08 Jun 2023 22:42

Tgt Ion: 94 Resp: 164333
 Ion Ratio Lower Upper
 94 100
 96 88.4 64.2 119.2

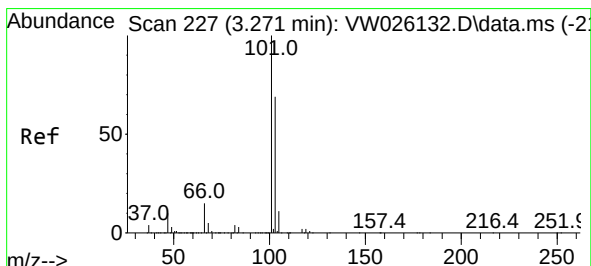
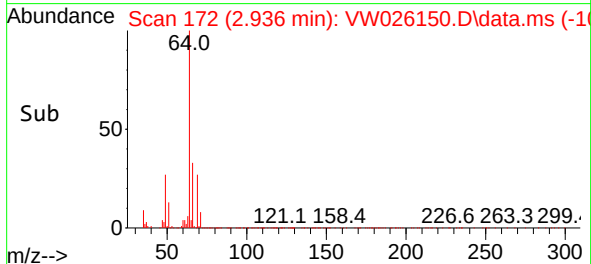
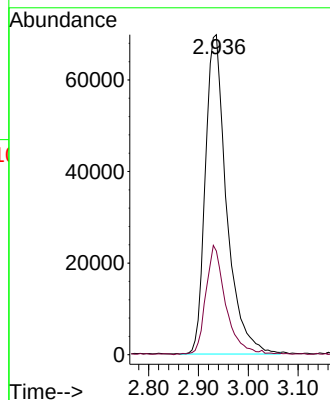
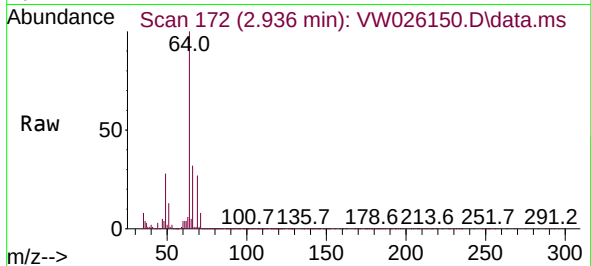




#8
Chloroethane
Concen: 22.631 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026150.D
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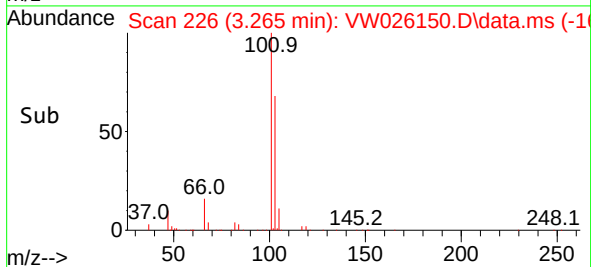
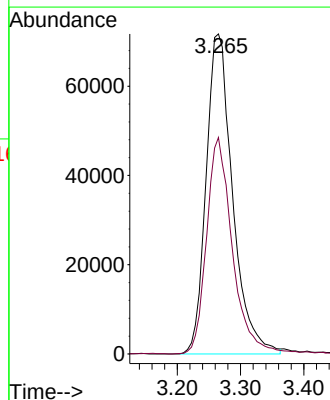
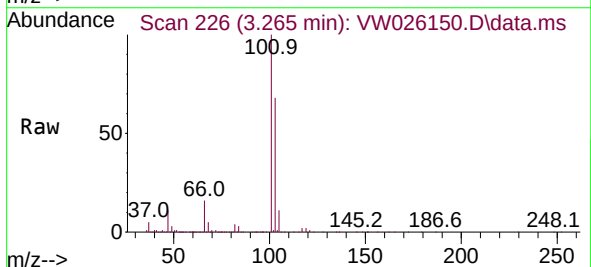
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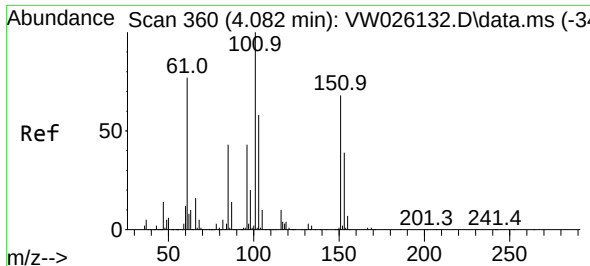
Tgt Ion: 64 Resp: 206397
Ion Ratio Lower Upper
64 100
66 32.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 19.226 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

Tgt Ion: 101 Resp: 208756
Ion Ratio Lower Upper
101 100
103 66.0 51.6 77.4

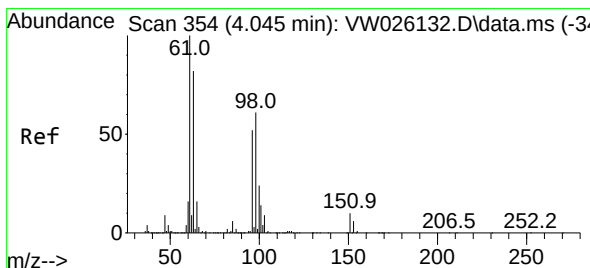
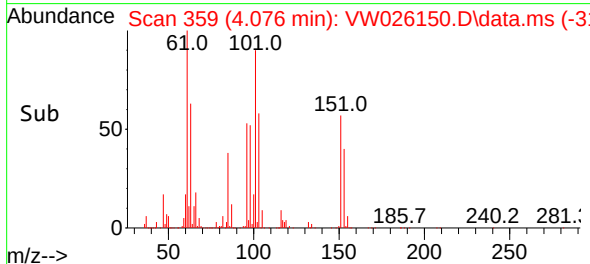
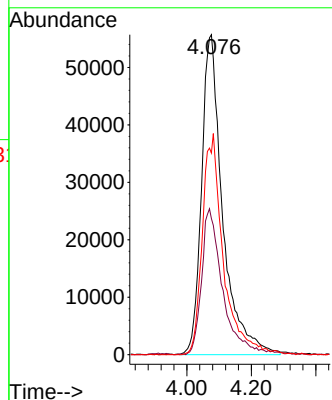
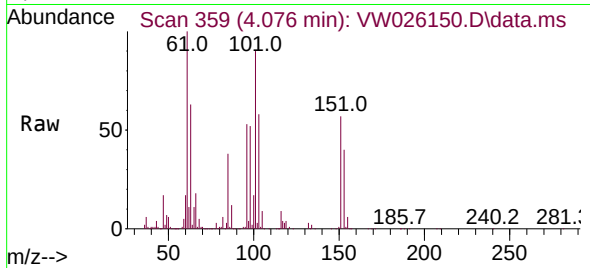




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.471 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW026150.D
 Acq: 08 Jun 2023 22:42

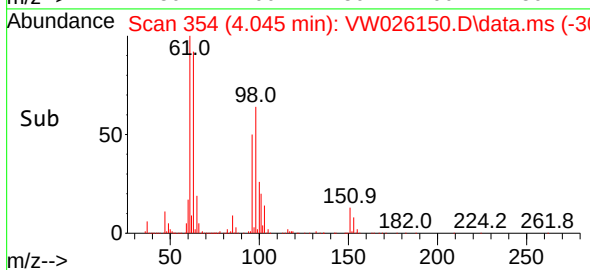
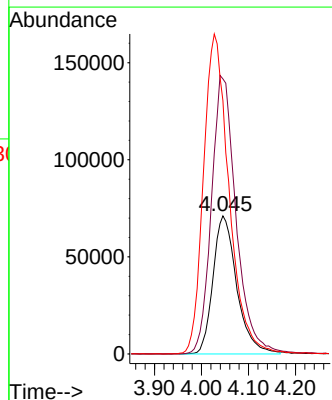
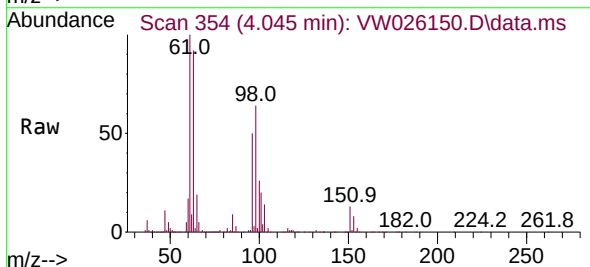
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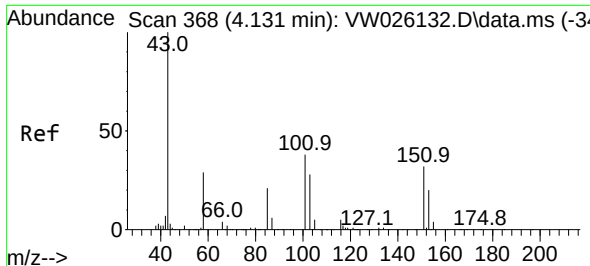
Tgt Ion:101 Resp: 253065
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.1 54.1
 151 31.0 55.1 82.7#



#12
 1,1-Dichloroethene
 Concen: 19.554 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026150.D
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Tgt Ion: 96 Resp: 250083
 Ion Ratio Lower Upper
 96 100
 61 199.1 140.6 261.0
 63 183.4 131.7 244.5

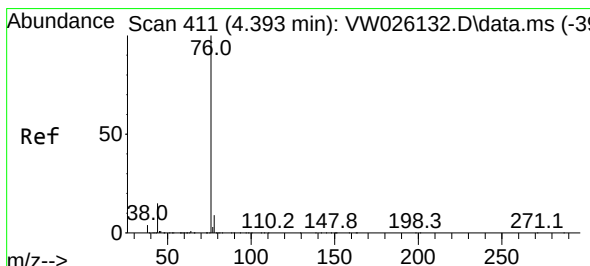
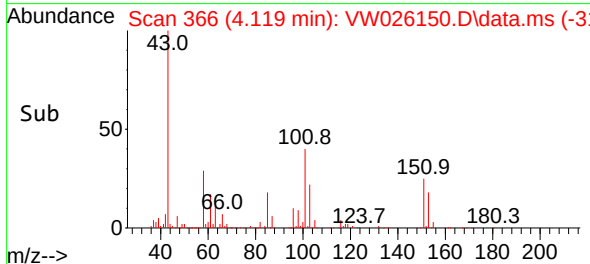
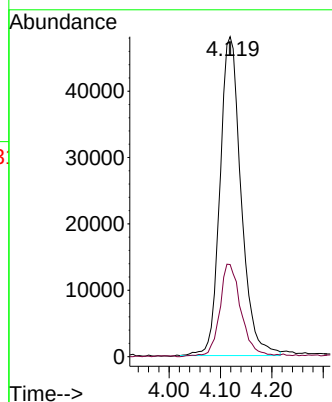
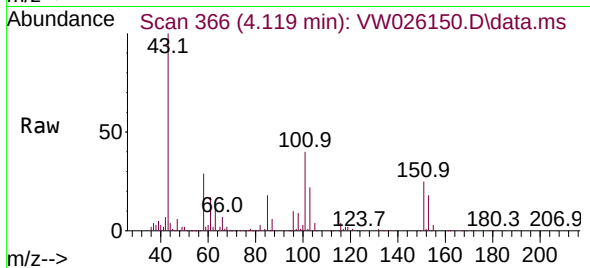




#13
Acetone
Concen: 43.223 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW026150.D
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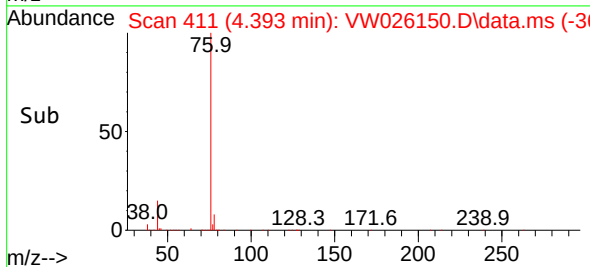
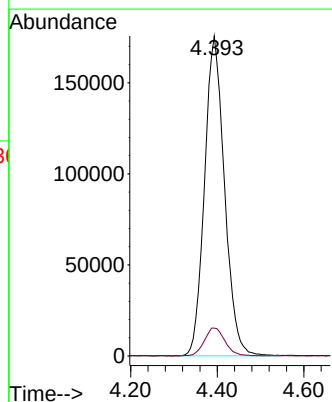
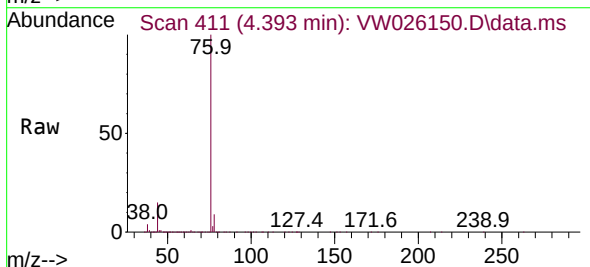
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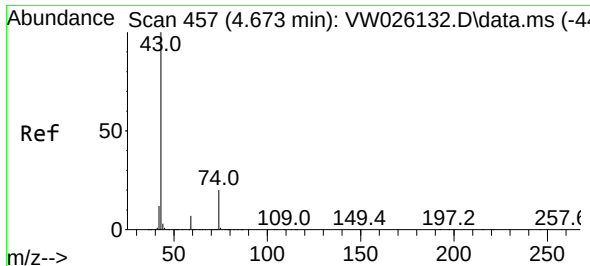
Tgt Ion: 43 Resp: 137593
Ion Ratio Lower Upper
43 100
58 29.3 0.0 58.2



#14
Carbon disulfide
Concen: 12.463 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026150.D
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Tgt Ion: 76 Resp: 562669
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

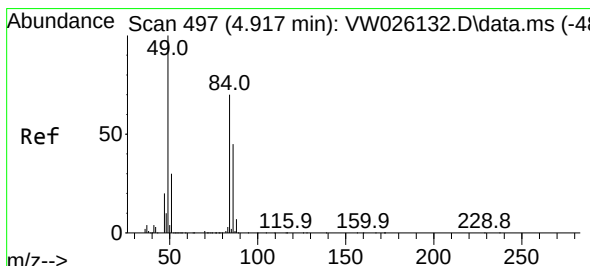
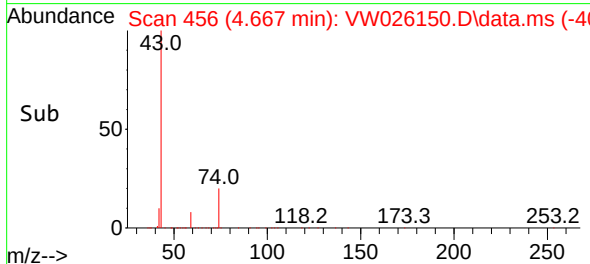
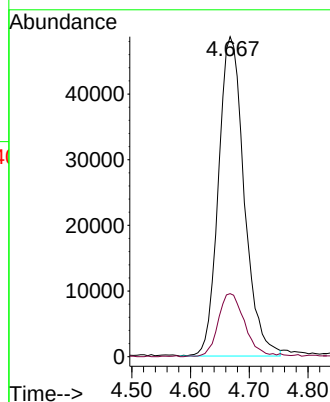
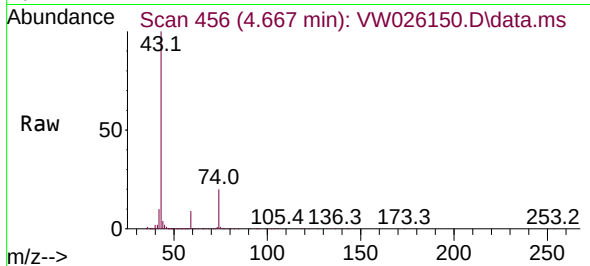




#15
Methyl Acetate
Concen: 20.696 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

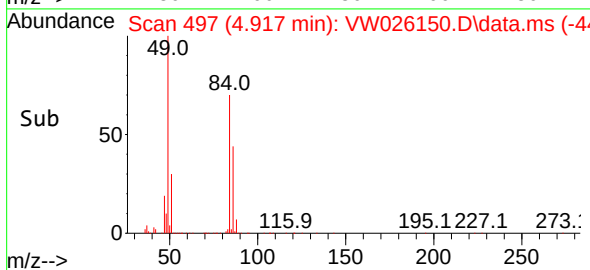
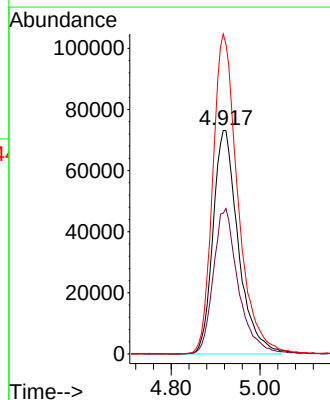
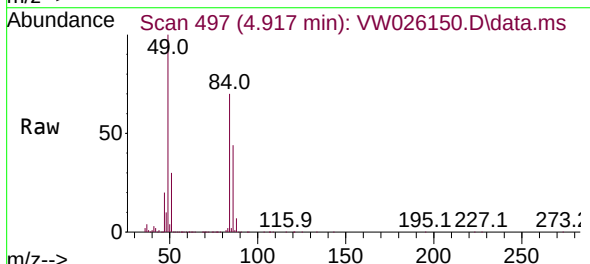
Instrument :
MSVOA_W
ClientSampleId :
EZEL8MSD

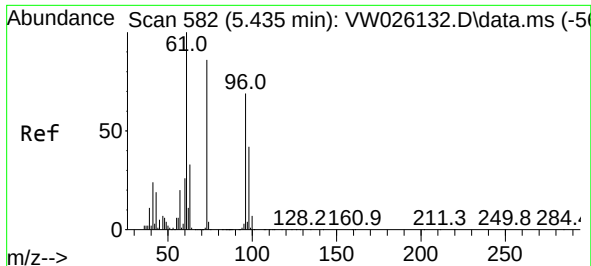
Tgt Ion: 43 Resp: 147864
Ion Ratio Lower Upper
43 100
74 19.8 16.6 25.0



#16
Methylene chloride
Concen: 17.949 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

Tgt Ion: 84 Resp: 287762
Ion Ratio Lower Upper
84 100
86 63.0 44.2 82.0
49 143.1 98.8 183.6

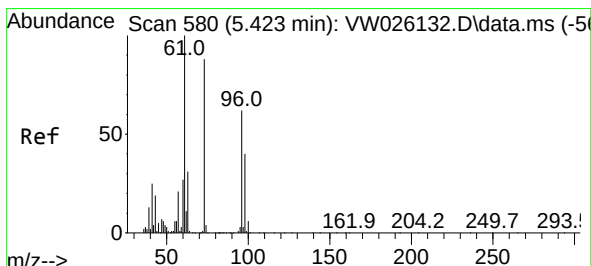
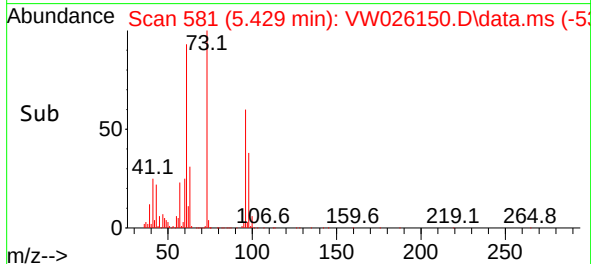
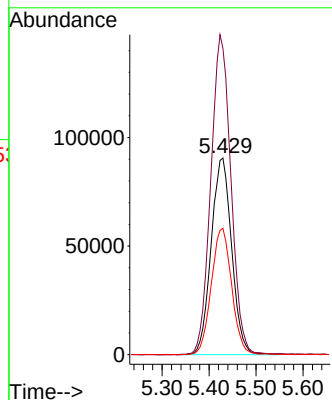
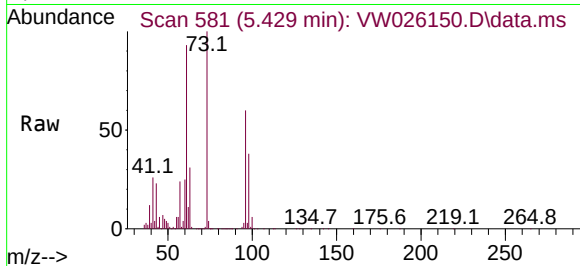




#17
trans-1,2-Dichloroethene
Concen: 19.137 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

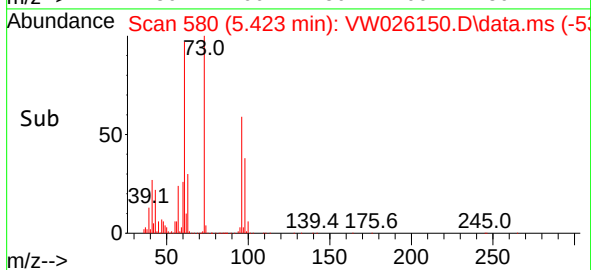
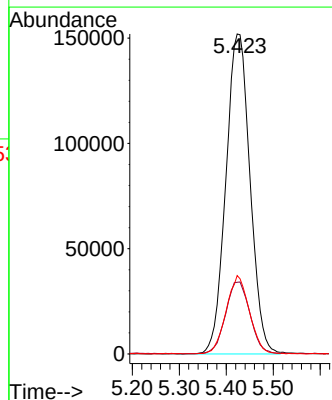
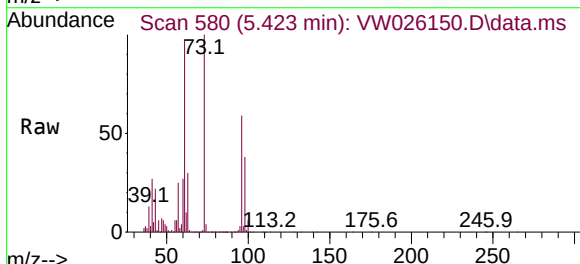
Instrument :
MSVOA_W
ClientSampleId :
EZEL8MSD

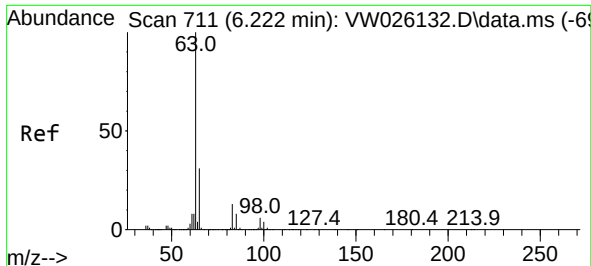
Tgt Ion: 96 Resp: 274607
Ion Ratio Lower Upper
96 100
61 155.9 113.0 209.8
98 64.3 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 23.974 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

Tgt Ion: 73 Resp: 542173
Ion Ratio Lower Upper
73 100
43 22.6 17.8 26.6
57 23.3 18.9 28.3





#19

1,1-Dichloroethane

Concen: 20.359 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

Instrument :

MSVOA_W

ClientSampleId :

EZEL8MSD

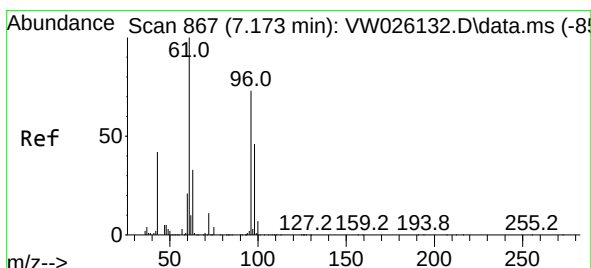
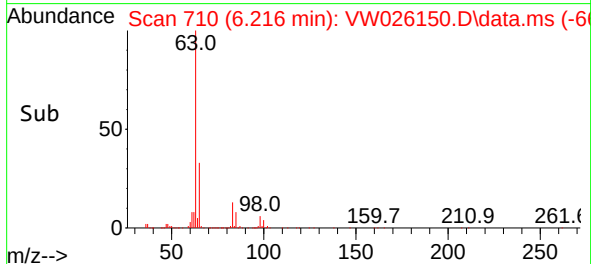
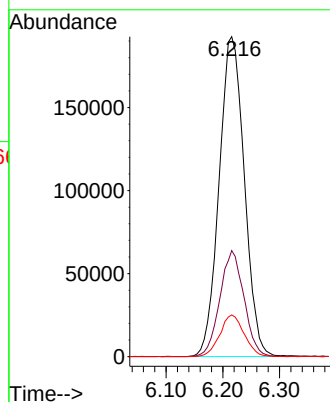
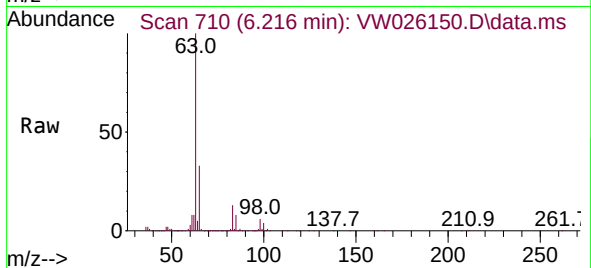
Tgt Ion: 63 Resp: 594729

Ion Ratio Lower Upper

63 100

65 33.2 22.3 41.5

83 13.0 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 20.796 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

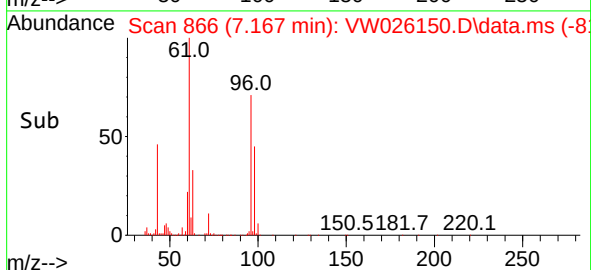
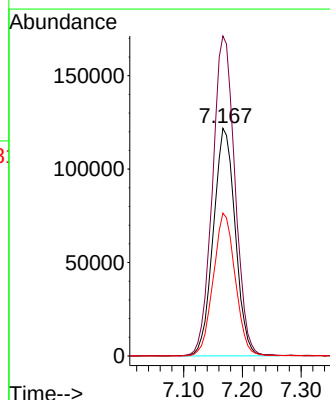
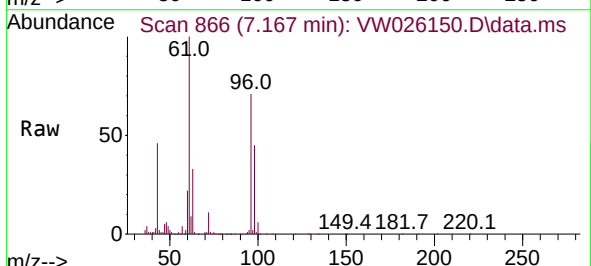
Tgt Ion: 96 Resp: 316088

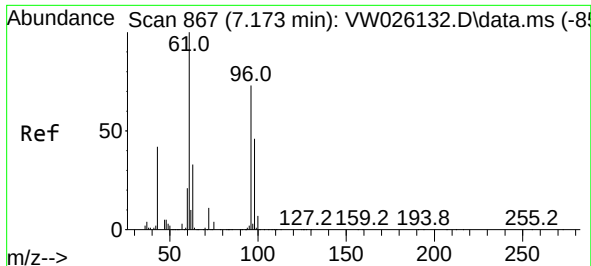
Ion Ratio Lower Upper

96 100

61 140.5 98.4 182.8

98 62.7 45.2 84.0

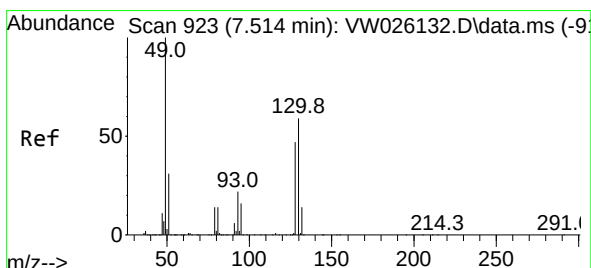
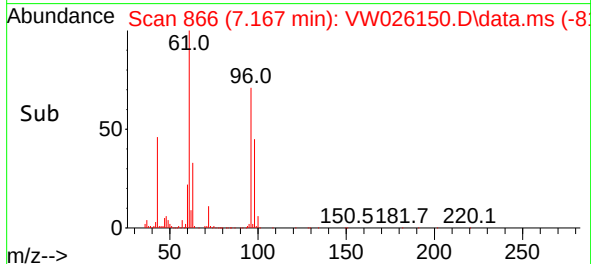
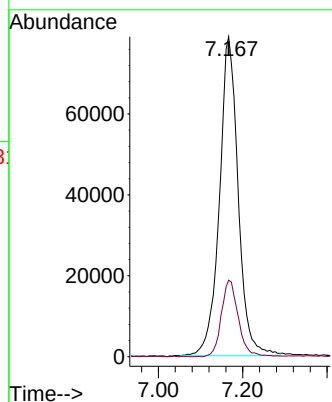
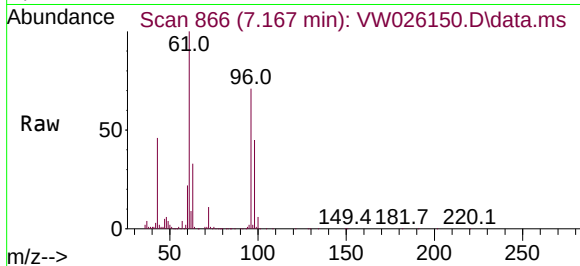




#22
2-Butanone
Concen: 53.518 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

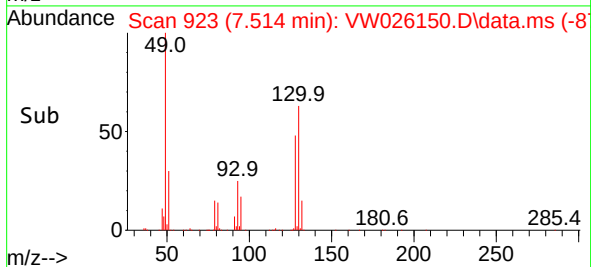
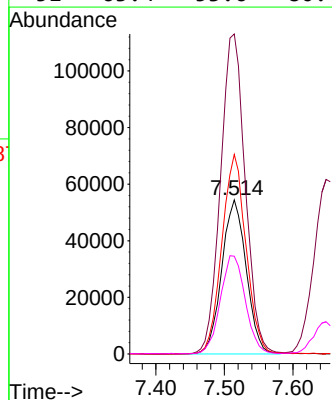
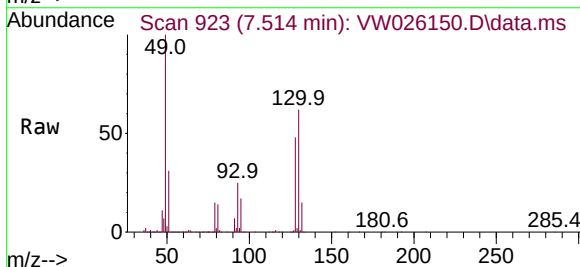
Instrument :
MSVOA_W
ClientSampleId :
EZEL8MSD

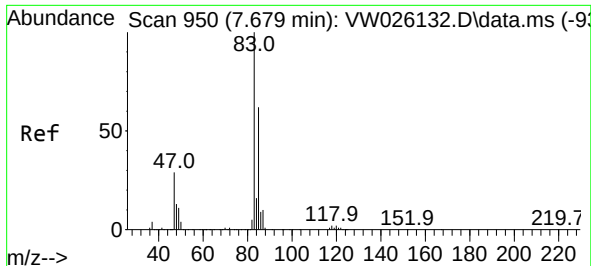
Tgt Ion: 43 Resp: 243022
Ion Ratio Lower Upper
43 100
72 21.6 12.4 37.4



#23
Bromochloromethane
Concen: 20.801 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

Tgt Ion: 128 Resp: 134836
Ion Ratio Lower Upper
128 100
49 207.6 140.6 261.0
130 129.5 86.0 159.6
51 63.4 53.6 80.4

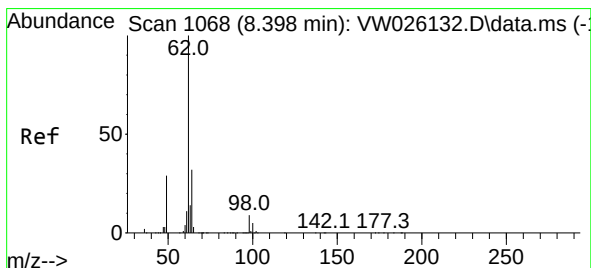
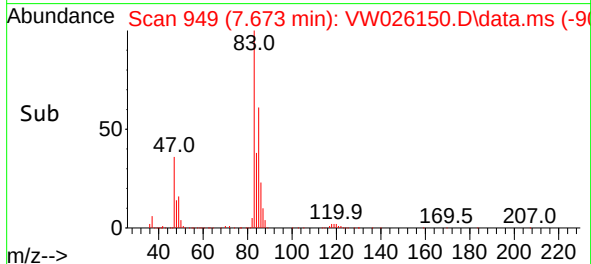
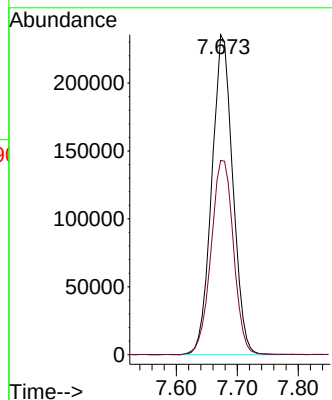
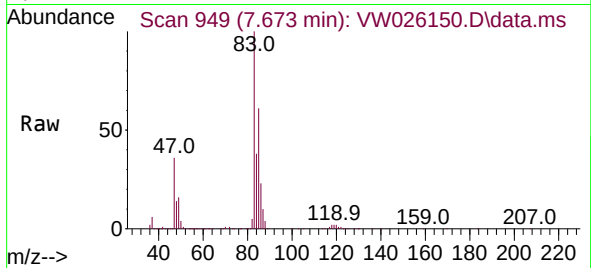




#25
Chloroform
Concen: 20.682 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

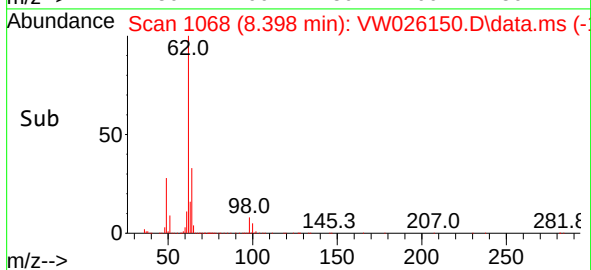
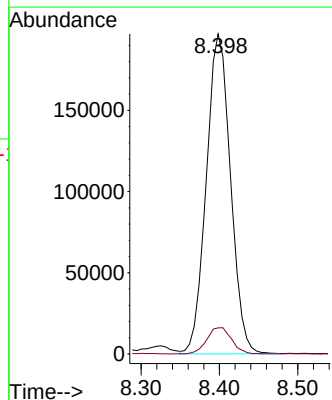
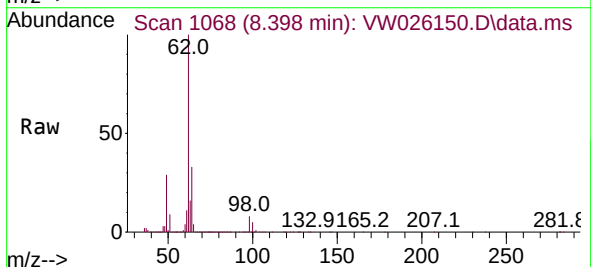
Instrument :
MSVOA_W
ClientSampleId :
EZEL8MSD

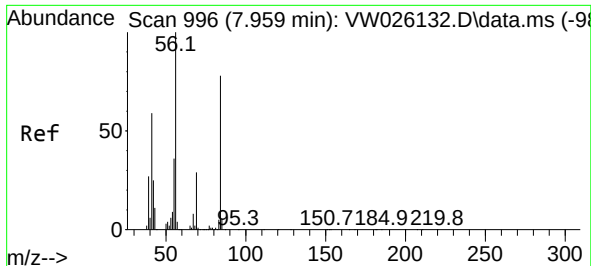
Tgt Ion: 83 Resp: 562744
Ion Ratio Lower Upper
83 100
85 60.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.583 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

Tgt Ion: 62 Resp: 423778
Ion Ratio Lower Upper
62 100
98 8.1 7.4 11.2

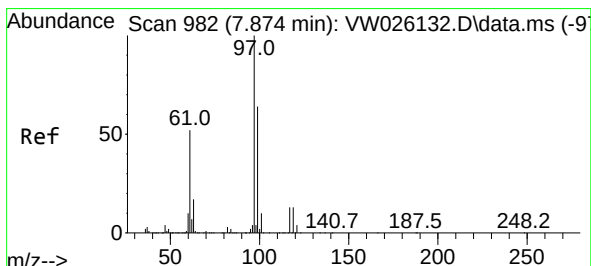
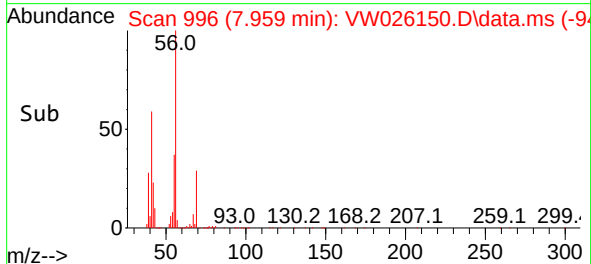
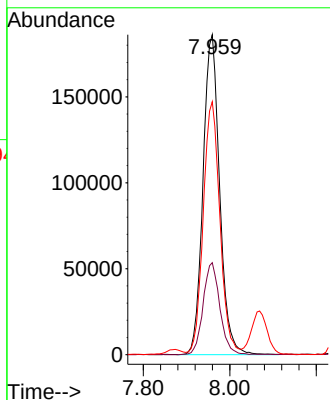
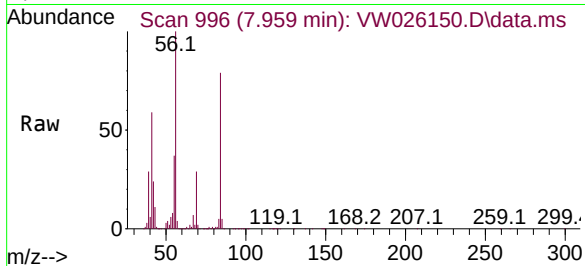




#29
Cyclohexane
Concen: 18.585 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

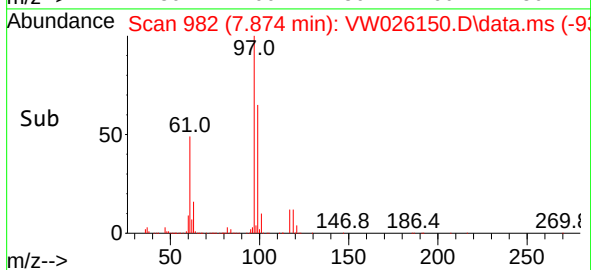
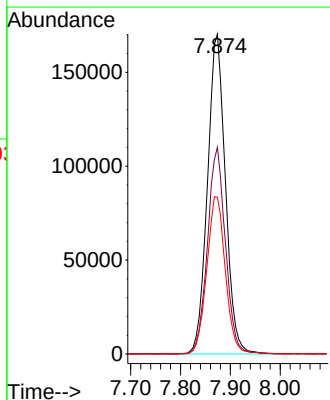
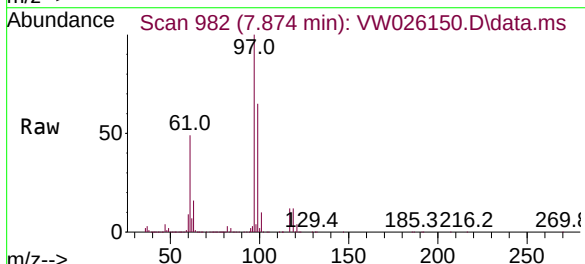
Instrument :
MSVOA_W
ClientSampleId :
EZEL8MSD

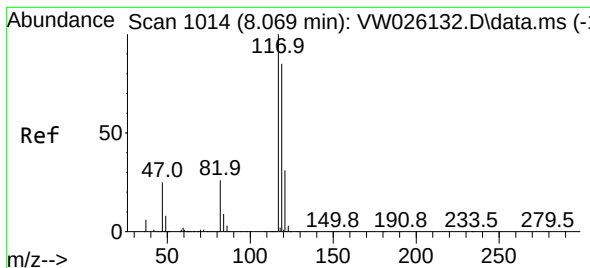
Tgt Ion: 56 Resp: 496137
Ion Ratio Lower Upper
56 100
69 28.9 23.3 34.9
84 79.2 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 20.304 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

Tgt Ion: 97 Resp: 426058
Ion Ratio Lower Upper
97 100
99 64.6 50.6 76.0
61 50.9 40.5 60.7





#31

Carbon tetrachloride

Concen: 18.724 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

Instrument :

MSVOA_W

ClientSampleId :

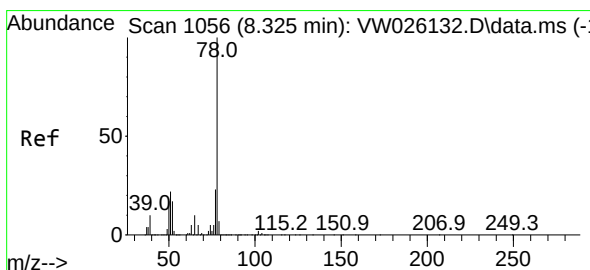
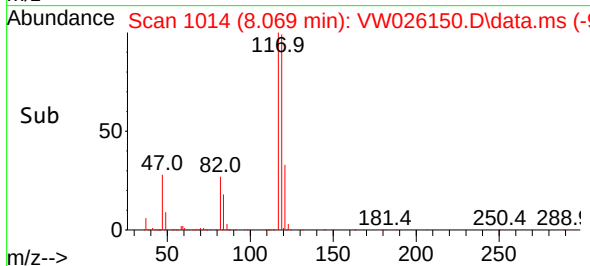
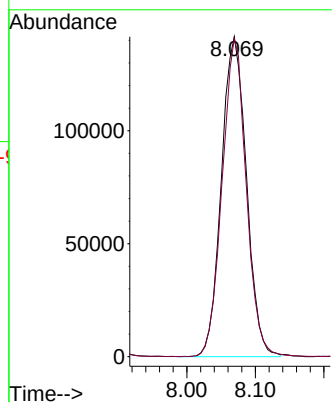
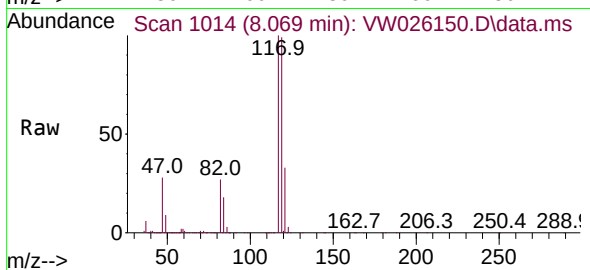
EZEL8MSD

Tgt Ion:117 Resp: 358546

Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.2



#33

Benzene

Concen: 20.384 ug/L

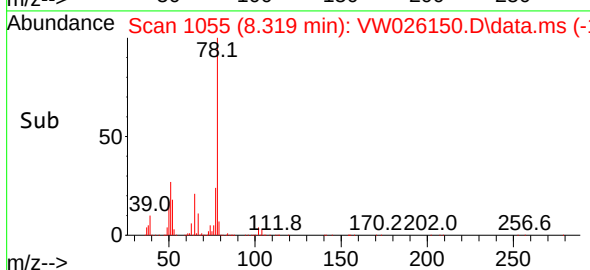
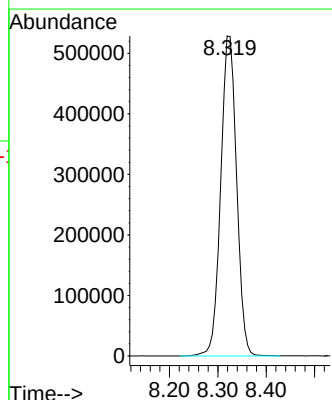
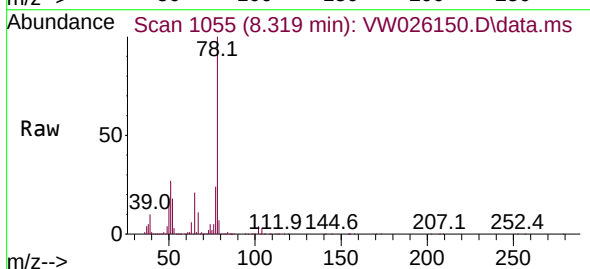
RT: 8.319 min Scan# 1055

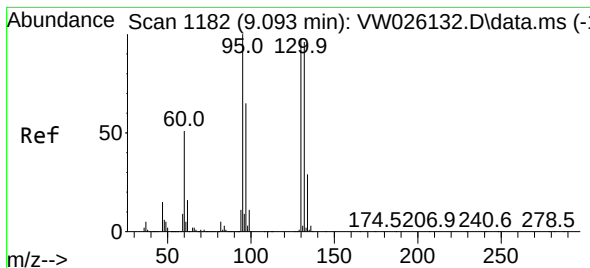
Delta R.T. -0.006 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

Tgt Ion: 78 Resp: 1207461





#34

Trichloroethene

Concen: 19.674 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

Instrument :

MSVOA_W

ClientSampleId :

EZEL8MSD

Tgt Ion: 95 Resp: 298410

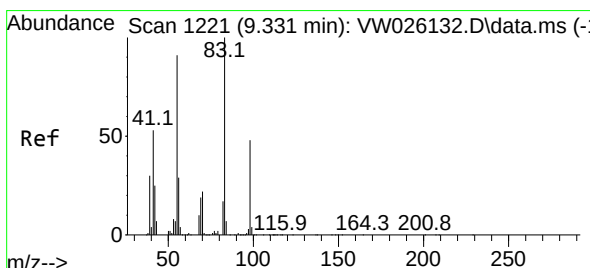
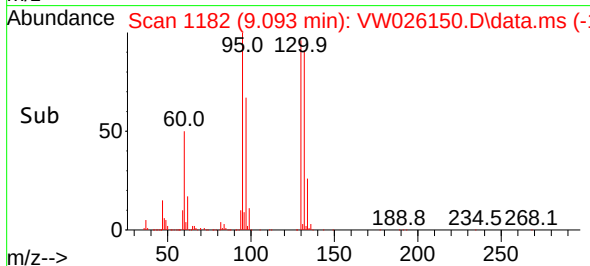
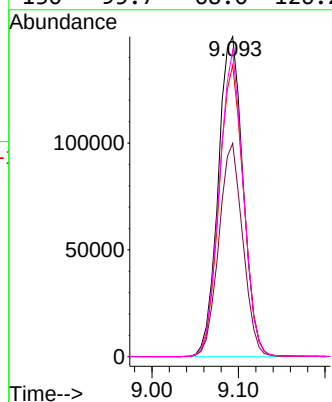
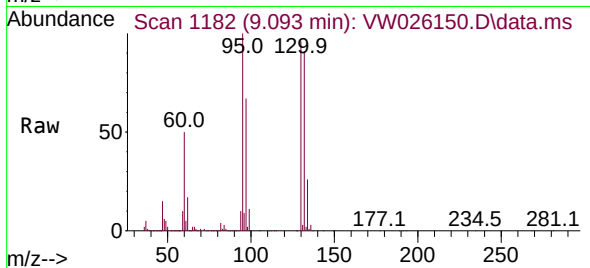
Ion Ratio Lower Upper

95 100

97 66.6 45.9 85.3

132 91.1 67.1 124.7

130 95.7 68.0 126.2



#35

Methylcyclohexane

Concen: 17.836 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

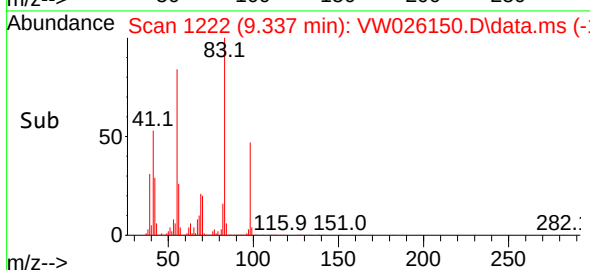
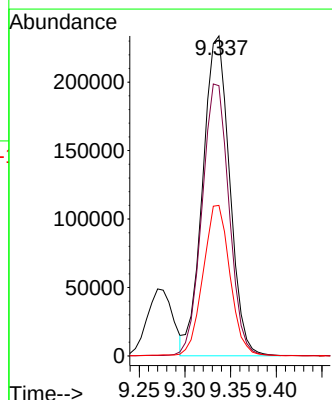
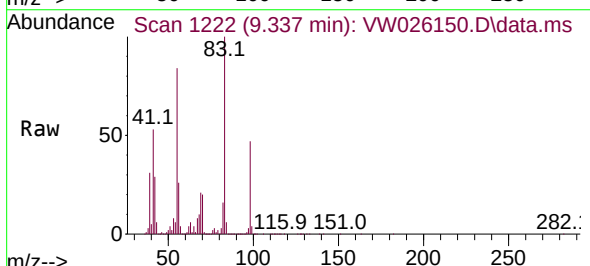
Tgt Ion: 83 Resp: 478709

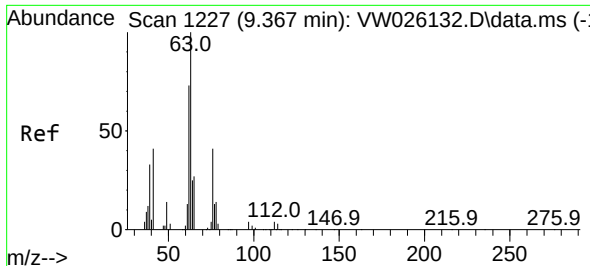
Ion Ratio Lower Upper

83 100

55 85.2 68.2 102.4

98 47.1 38.1 57.1





#37

1,2-Dichloropropane

Concen: 21.162 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

Instrument :

MSVOA_W

ClientSampleId :

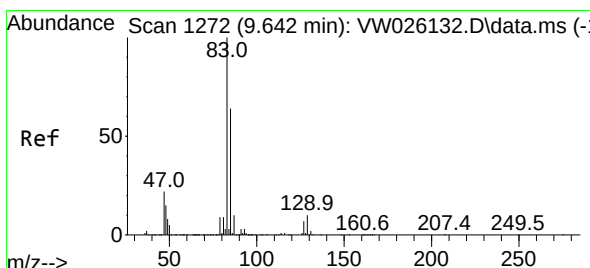
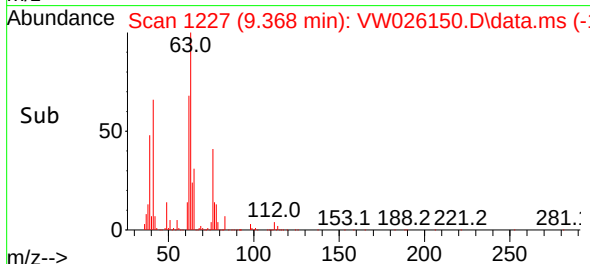
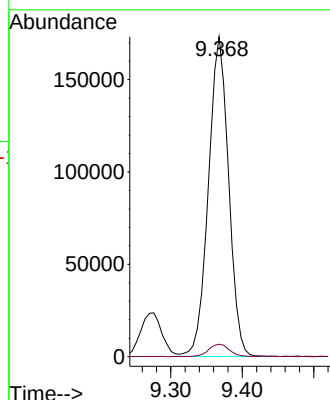
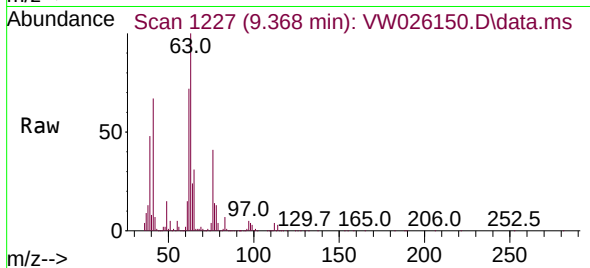
EZEL8MSD

Tgt Ion: 63 Resp: 339533

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 20.998 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

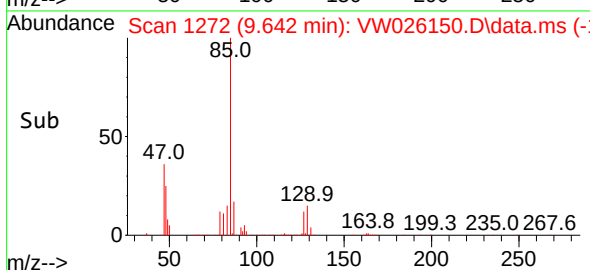
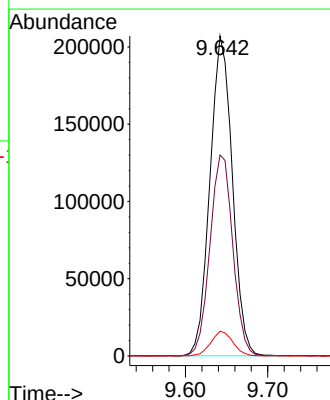
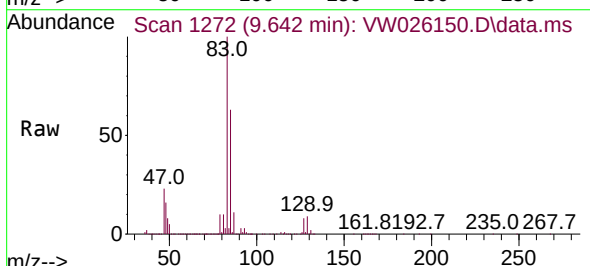
Tgt Ion: 83 Resp: 391399

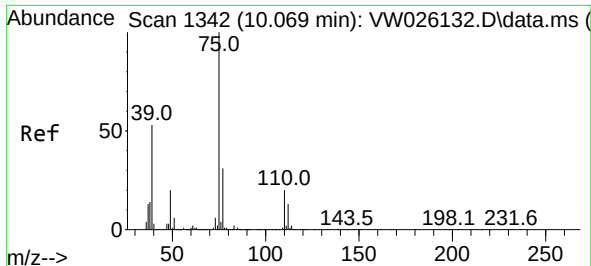
Ion Ratio Lower Upper

83 100

85 62.8 44.2 82.0

127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 19.864 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

Instrument :

MSVOA_W

ClientSampleId :

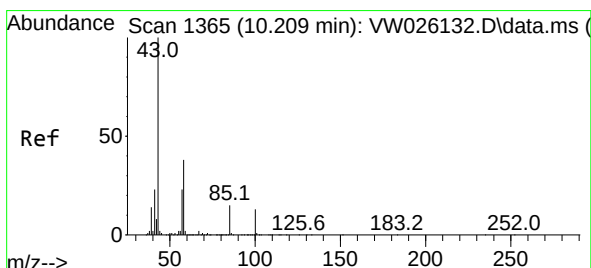
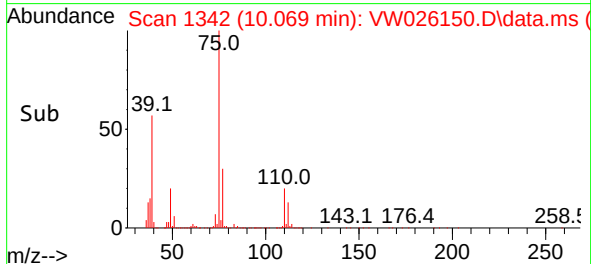
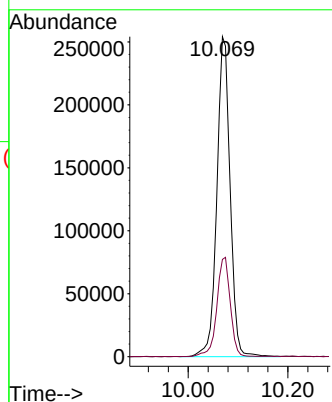
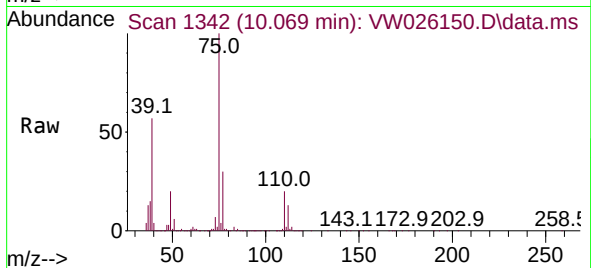
EZEL8MSD

Tgt Ion: 75 Resp: 468347

Ion Ratio Lower Upper

75 100

77 30.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 51.923 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

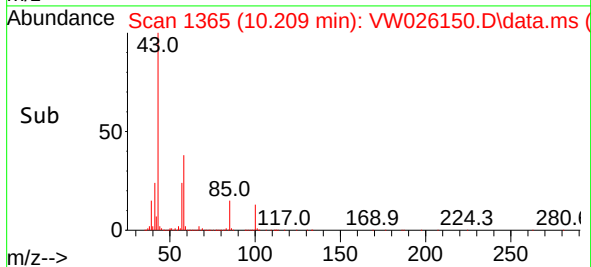
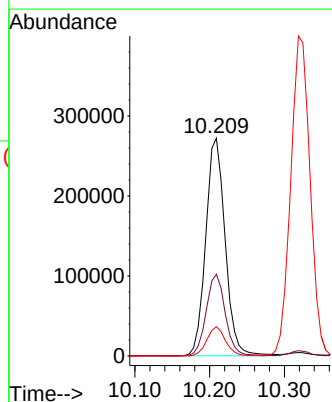
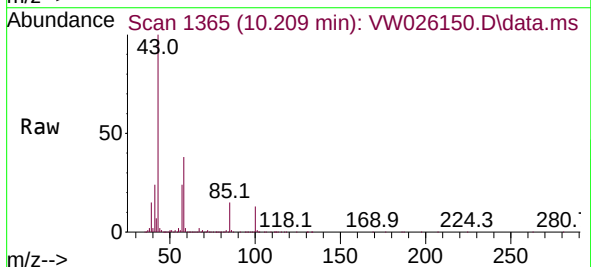
Tgt Ion: 43 Resp: 491149

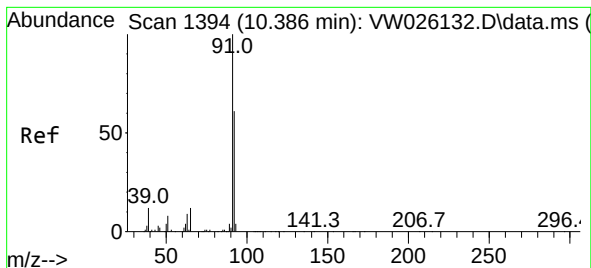
Ion Ratio Lower Upper

43 100

58 36.9 29.0 43.4

100 13.0 10.5 15.7





#42

Toluene

Concen: 19.786 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

Instrument :

MSVOA_W

ClientSampleId :

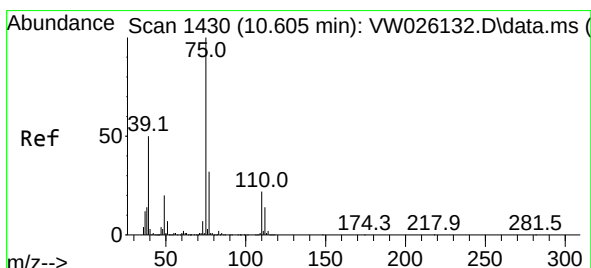
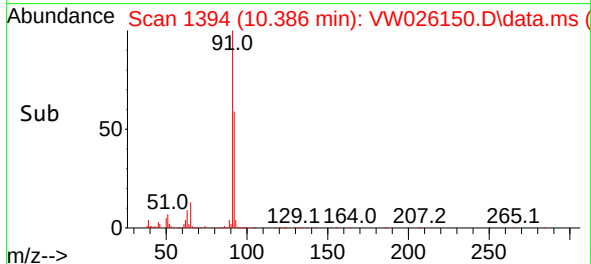
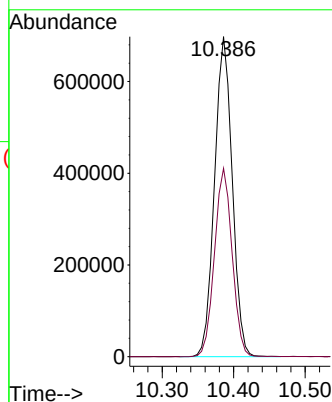
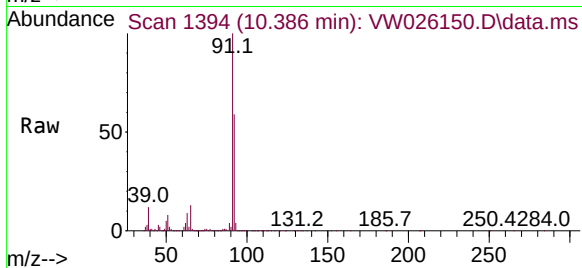
EZEL8MSD

Tgt Ion: 91 Resp: 1198760

Ion Ratio Lower Upper

91 100

92 58.9 42.2 78.4



#44

trans-1,3-Dichloropropene

Concen: 20.920 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW026150.D

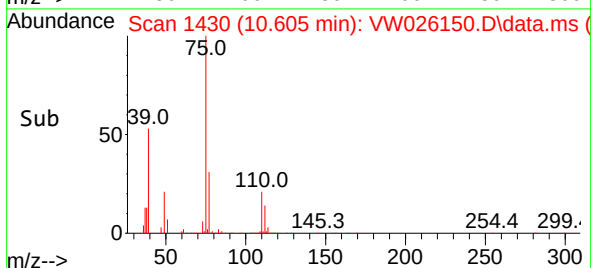
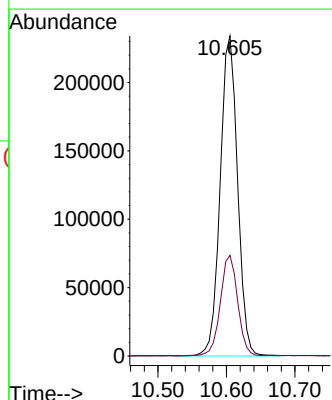
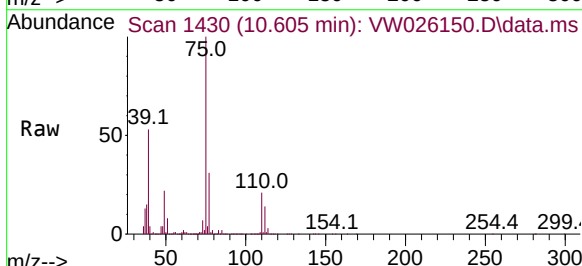
Acq: 08 Jun 2023 22:42

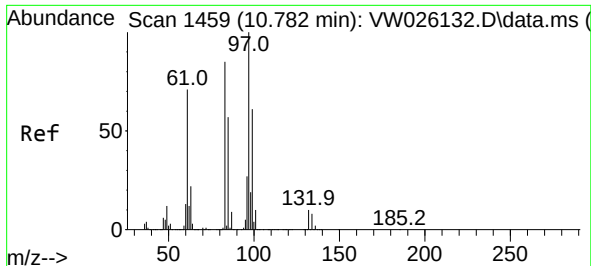
Tgt Ion: 75 Resp: 410921

Ion Ratio Lower Upper

75 100

77 31.5 21.1 39.3





#45

1,1,2-Trichloroethane

Concen: 22.526 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

Instrument :

MSVOA_W

ClientSampleId :

EZEL8MSD

Tgt Ion: 97 Resp: 238195

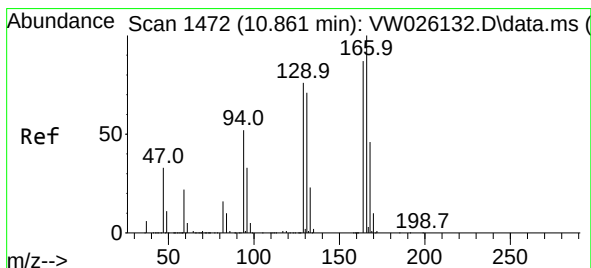
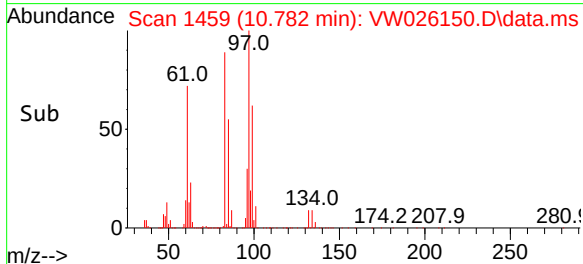
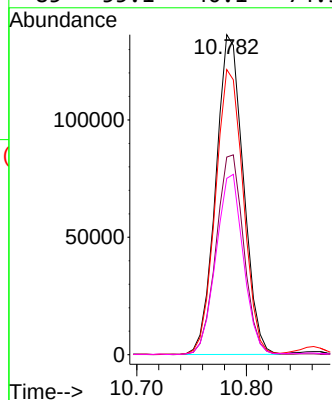
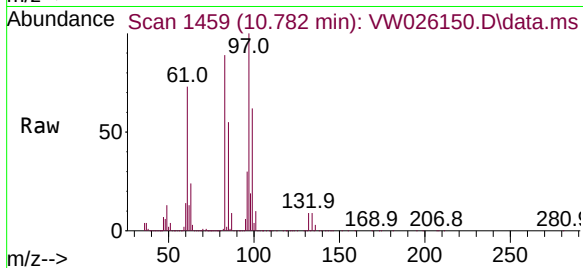
Ion Ratio Lower Upper

97 100

99 61.7 43.3 80.5

83 89.1 62.9 116.9

85 55.1 40.1 74.5



#46

Tetrachloroethene

Concen: 18.025 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

Tgt Ion:164 Resp: 193383

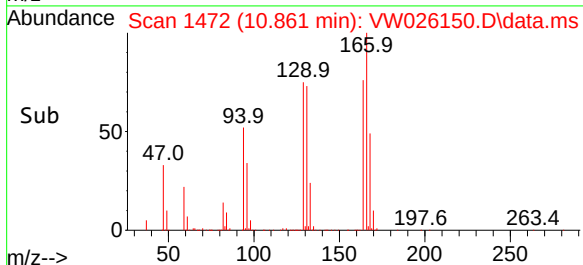
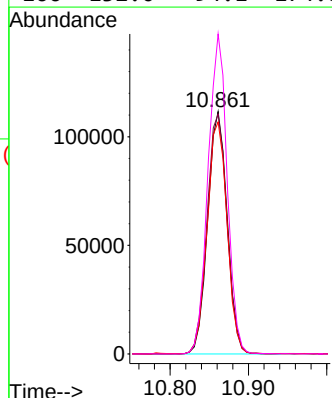
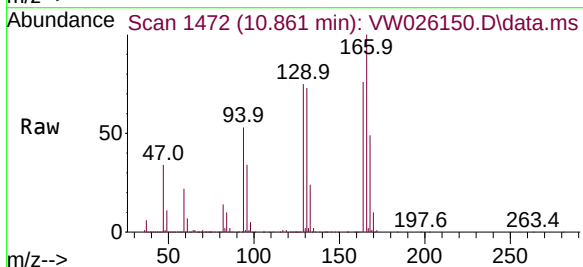
Ion Ratio Lower Upper

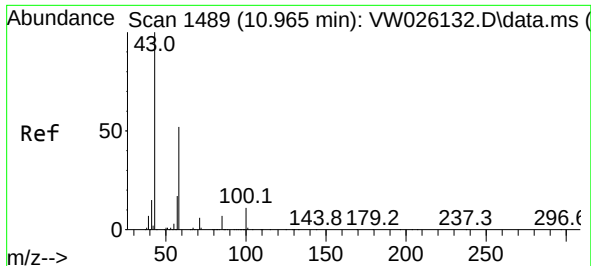
164 100

129 98.9 68.5 127.1

131 95.7 67.1 124.7

166 132.0 94.1 174.8

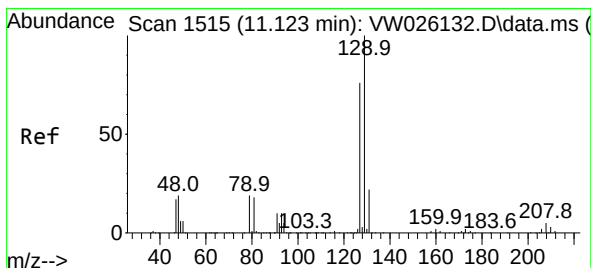
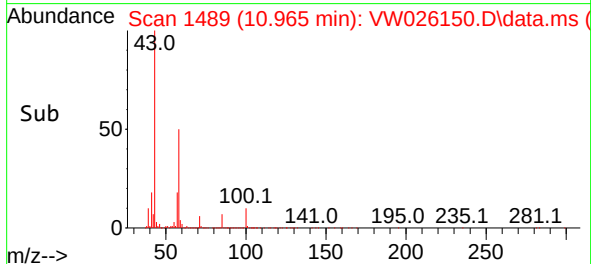
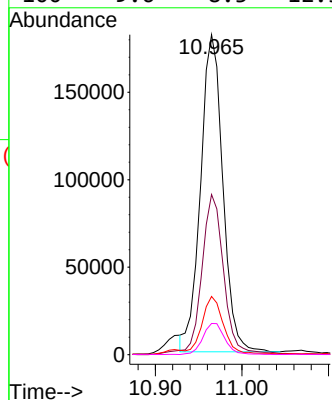
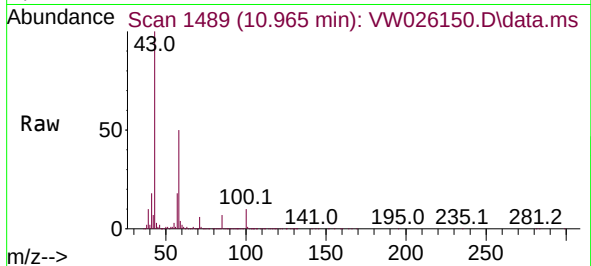




#48
2-Hexanone
Concen: 48.494 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

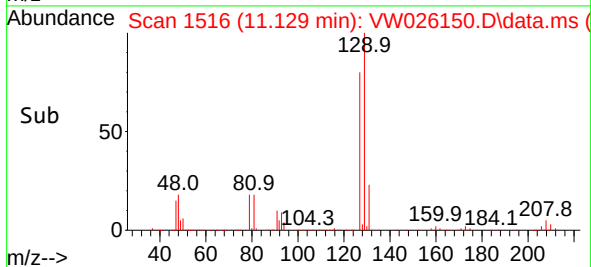
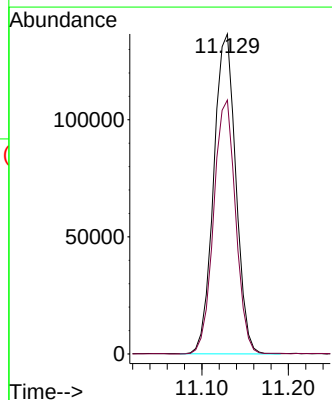
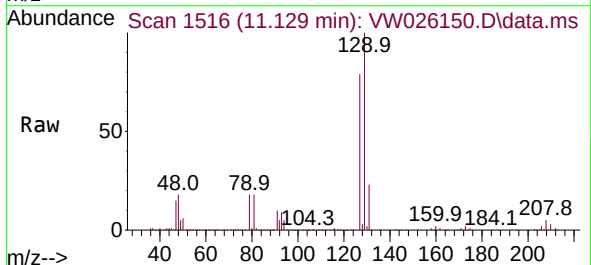
Instrument :
MSVOA_W
ClientSampleId :
EZEL8MSD

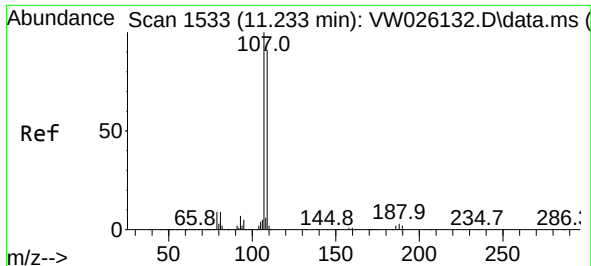
Tgt Ion: 43 Resp: 323437
Ion Ratio Lower Upper
43 100
58 50.2 42.2 63.2
57 17.2 14.2 21.2
100 9.6 8.3 12.5



#49
Dibromochloromethane
Concen: 21.896 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

Tgt Ion: 129 Resp: 242751
Ion Ratio Lower Upper
129 100
127 79.4 56.9 105.7





#50

1,2-Dibromoethane

Concen: 22.896 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

Instrument :

MSVOA_W

ClientSampleId :

EZEL8MSD

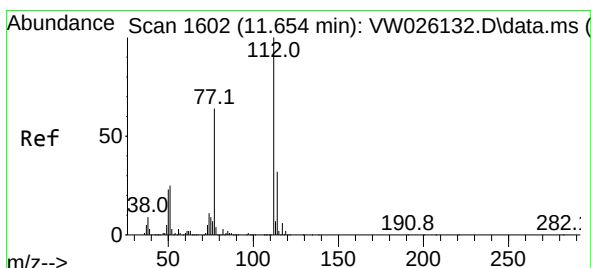
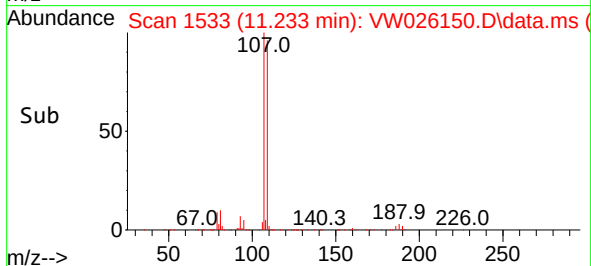
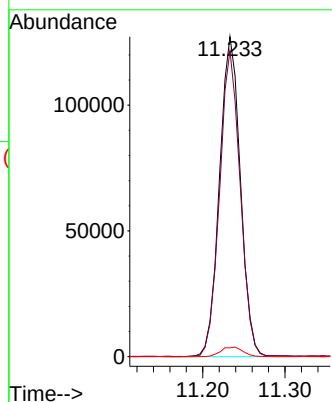
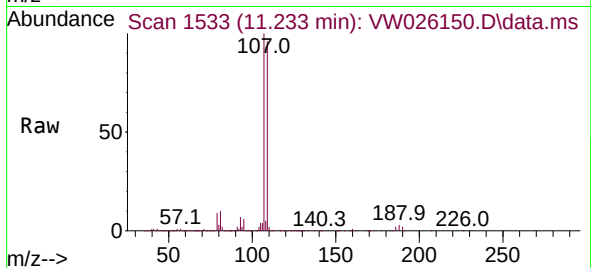
Tgt Ion:107 Resp: 224173

Ion Ratio Lower Upper

107 100

109 95.6 64.0 119.0

188 2.7 2.6 3.8



#51

Chlorobenzene

Concen: 19.588 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

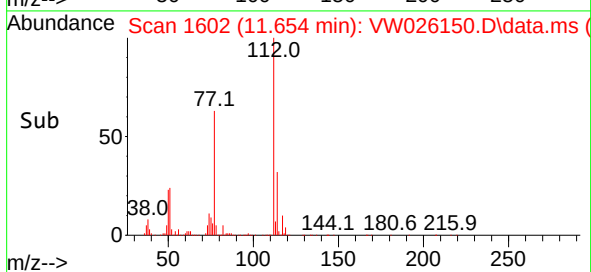
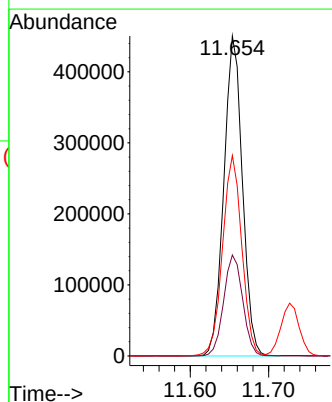
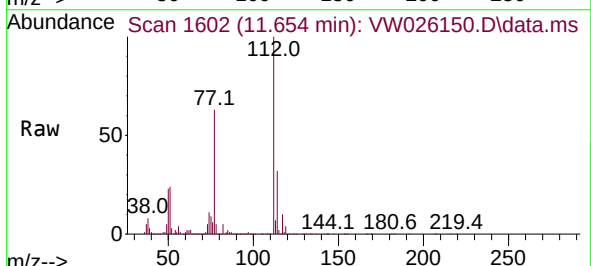
Tgt Ion:112 Resp: 743691

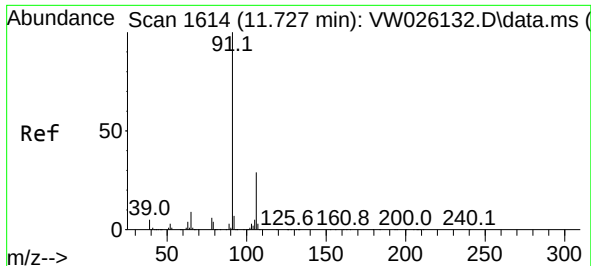
Ion Ratio Lower Upper

112 100

114 31.5 23.0 42.6

77 62.6 50.9 76.3

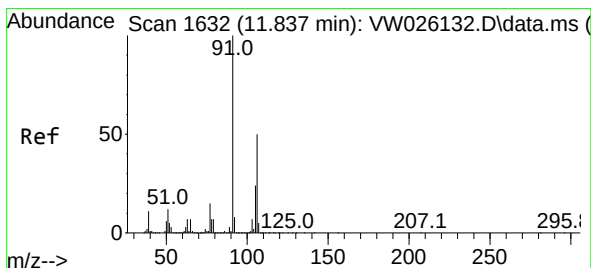
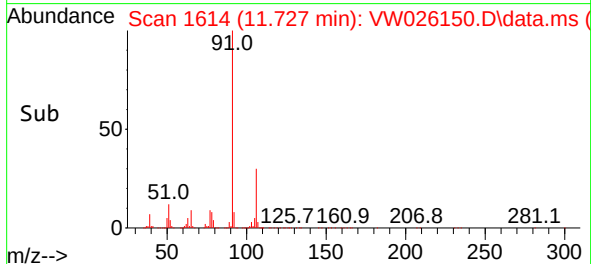
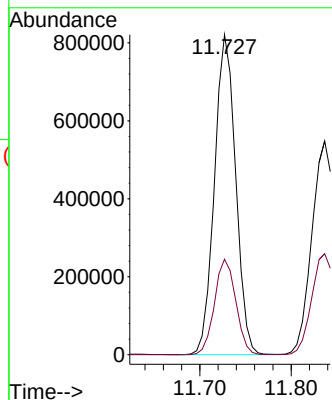
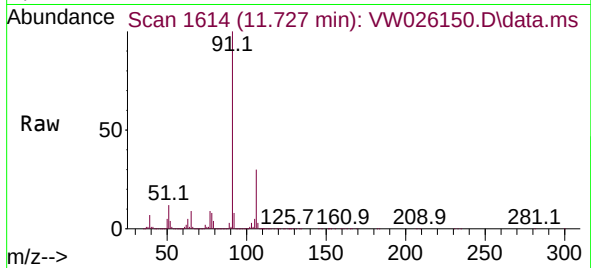




#52
Ethylbenzene
Concen: 19.339 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

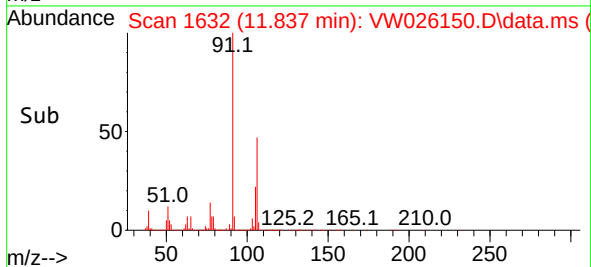
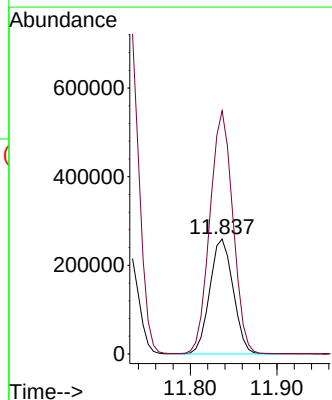
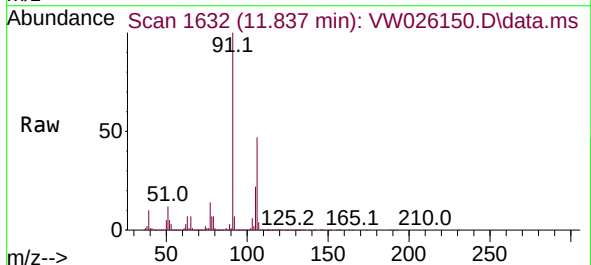
Instrument :
MSVOA_W
ClientSampleId :
EZEL8MSD

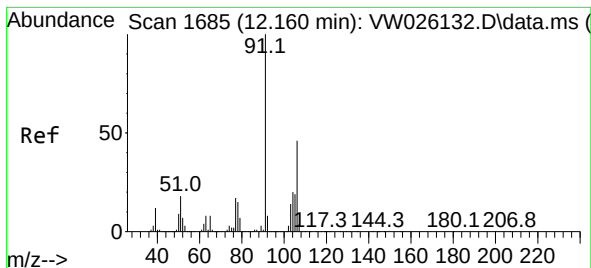
Tgt Ion: 91 Resp: 1321745
Ion Ratio Lower Upper
91 100
106 29.9 21.2 39.4



#53
m,p-Xylene
Concen: 19.123 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

Tgt Ion:106 Resp: 486213
Ion Ratio Lower Upper
106 100
91 211.7 149.5 277.7

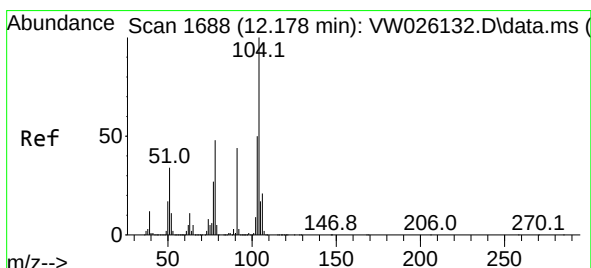
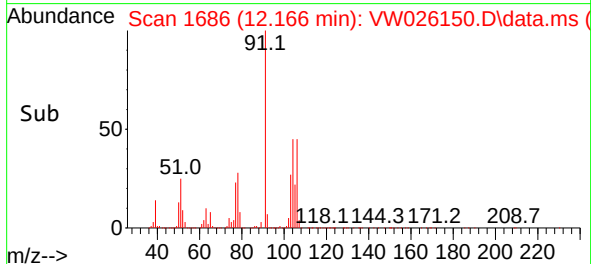
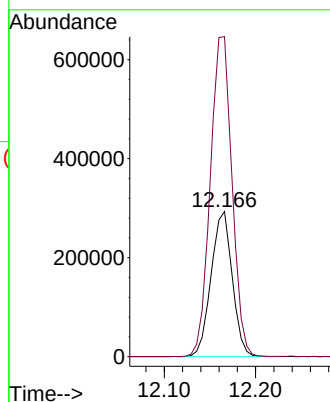
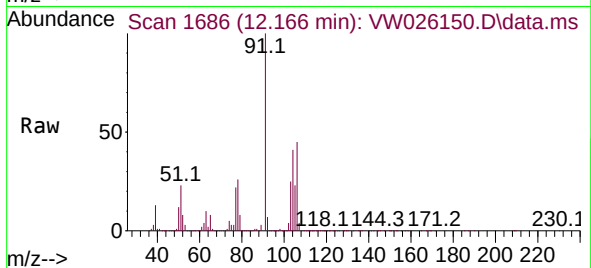




#54
o-Xylene
Concen: 19.620 ug/L
RT: 12.166 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

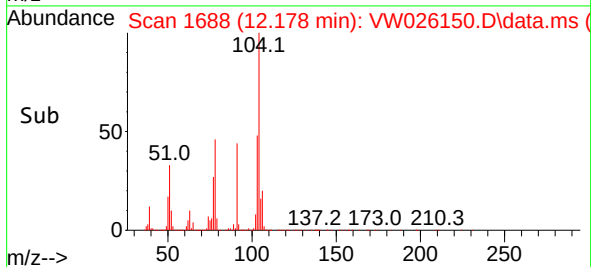
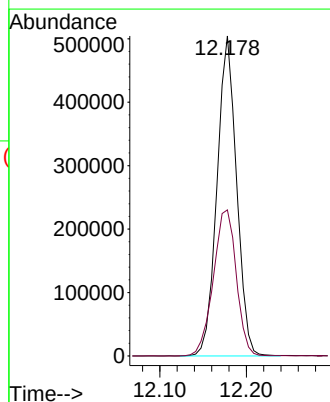
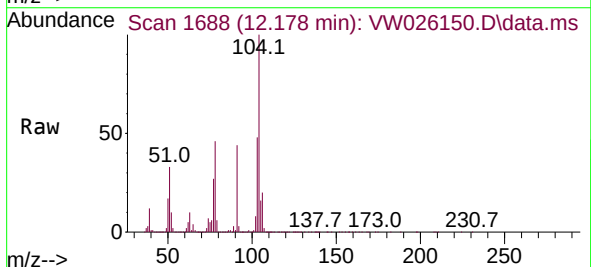
Instrument :
MSVOA_W
ClientSampleId :
EZEL8MSD

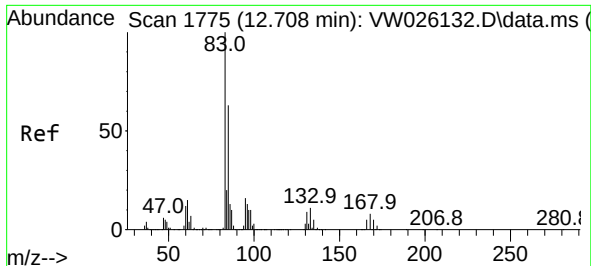
Tgt Ion:106 Resp: 470845
Ion Ratio Lower Upper
106 100
91 220.6 150.9 280.3



#55
Styrene
Concen: 19.208 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

Tgt Ion:104 Resp: 790774
Ion Ratio Lower Upper
104 100
78 45.7 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 23.818 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

Instrument :

MSVOA_W

ClientSampleId :

EZEL8MSD

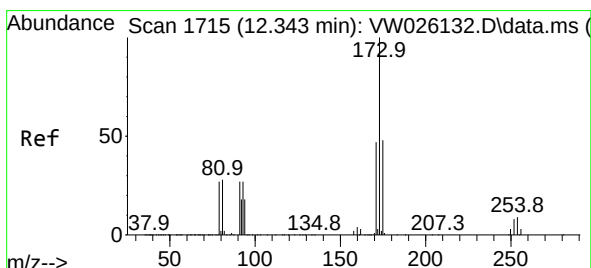
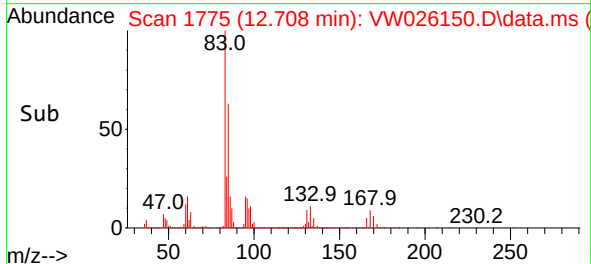
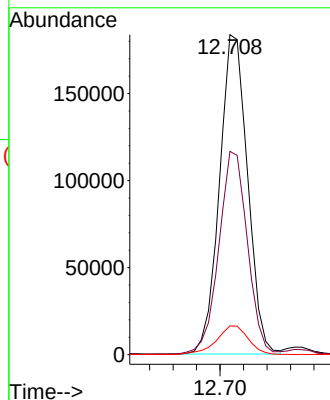
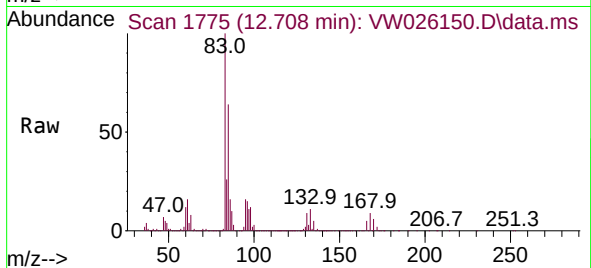
Tgt Ion: 83 Resp: 304791

Ion Ratio Lower Upper

83 100

85 63.5 42.6 79.0

131 9.0 7.2 10.8



#59

Bromoform

Concen: 22.165 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

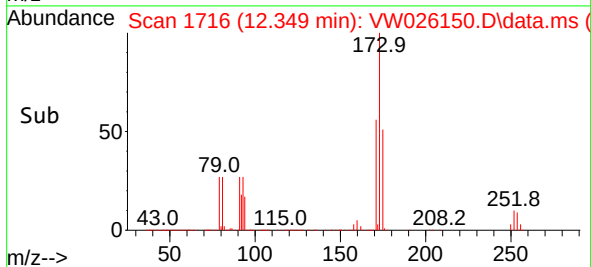
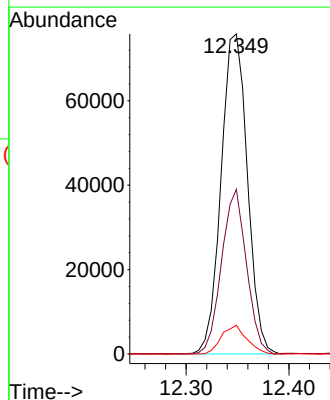
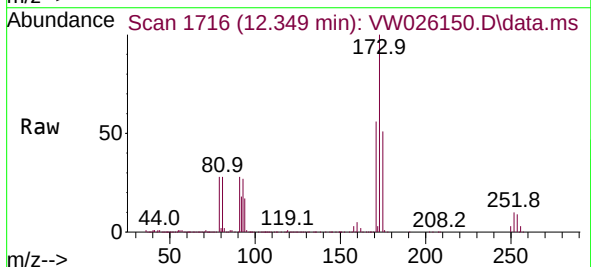
Tgt Ion:173 Resp: 134874

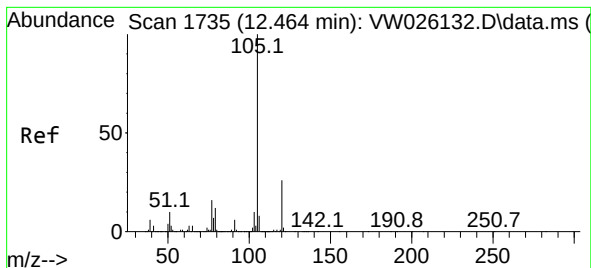
Ion Ratio Lower Upper

173 100

175 48.6 38.6 57.8

254 8.6 7.4 11.0





#60

Isopropylbenzene

Concen: 19.512 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

Instrument :

MSVOA_W

ClientSampleId :

EZEL8MSD

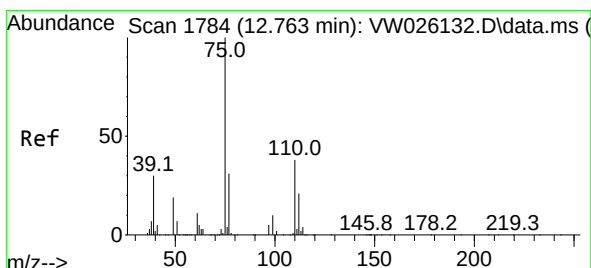
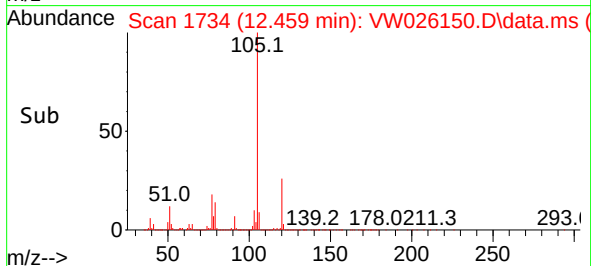
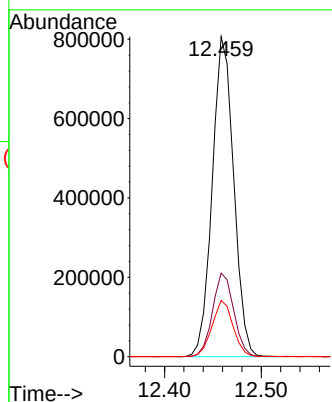
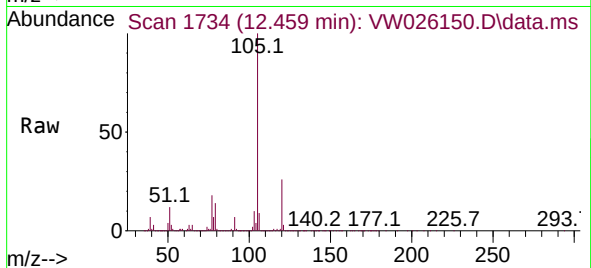
Tgt Ion:105 Resp: 1241775

Ion Ratio Lower Upper

105 100

120 25.8 19.8 29.8

77 17.1 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 24.883 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

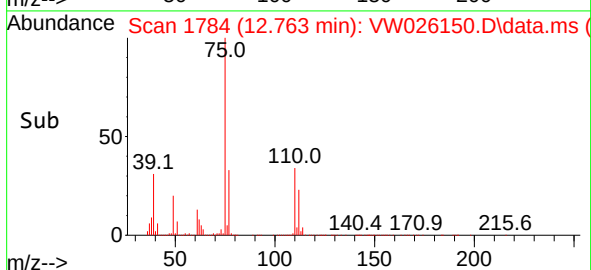
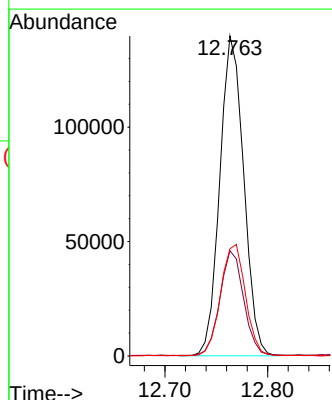
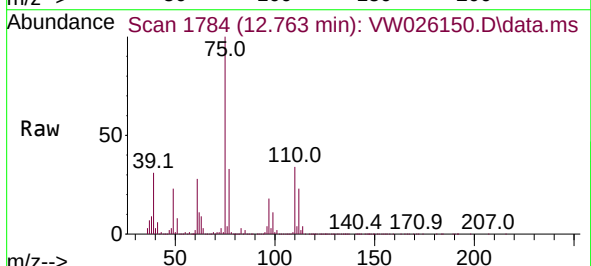
Tgt Ion: 75 Resp: 225811

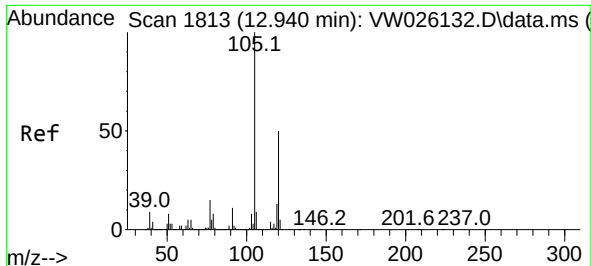
Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8

110 36.1 28.7 43.1

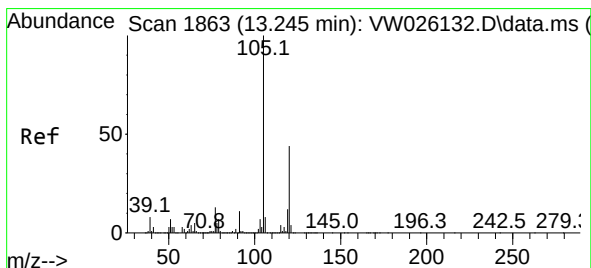
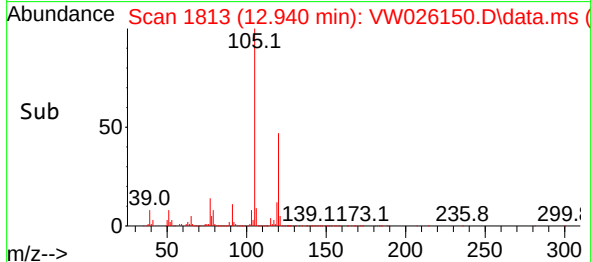
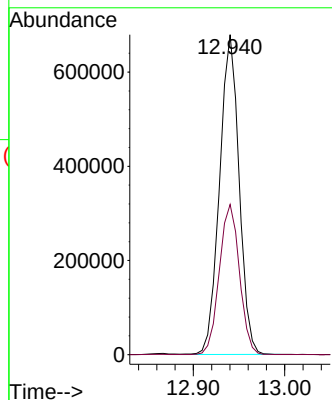
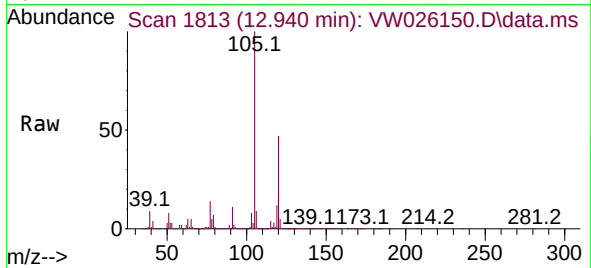




#62
1,3,5-Trimethylbenzene
Concen: 19.926 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

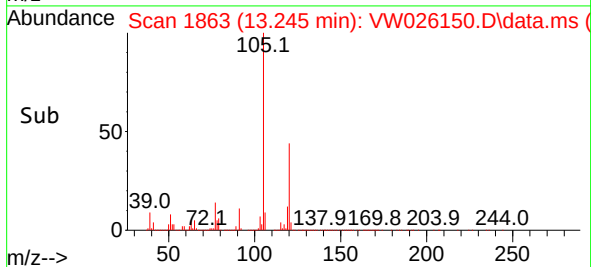
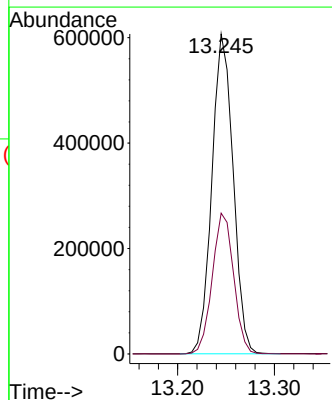
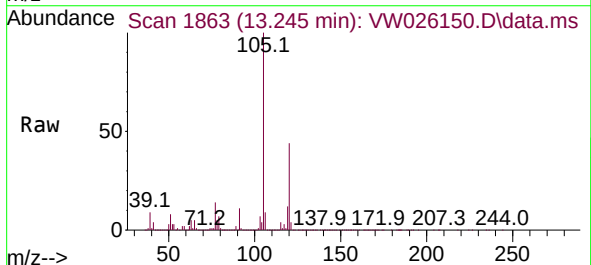
Instrument :
MSVOA_W
ClientSampleId :
EZEL8MSD

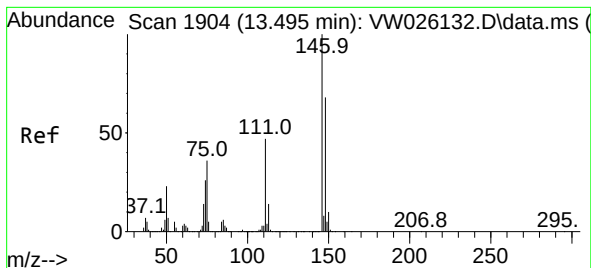
Tgt Ion:105 Resp: 1008141
Ion Ratio Lower Upper
105 100
120 48.4 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 19.991 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

Tgt Ion:105 Resp: 926335
Ion Ratio Lower Upper
105 100
120 44.2 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 18.765 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

Instrument :

MSVOA_W

ClientSampleId :

EZEL8MSD

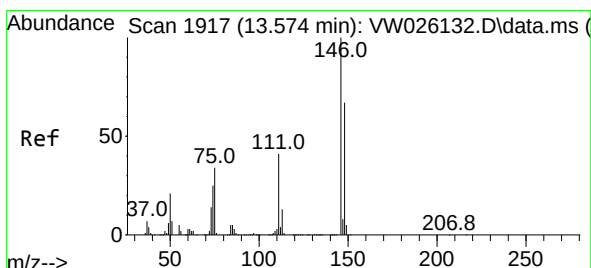
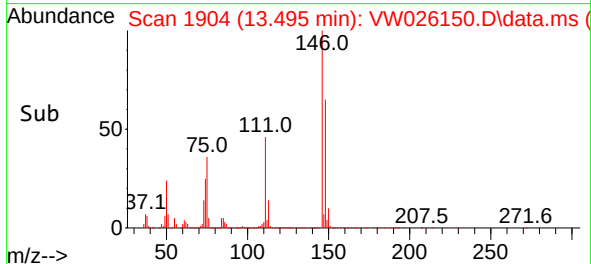
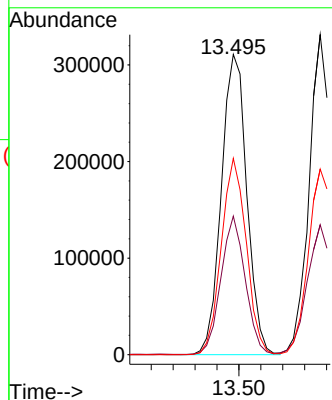
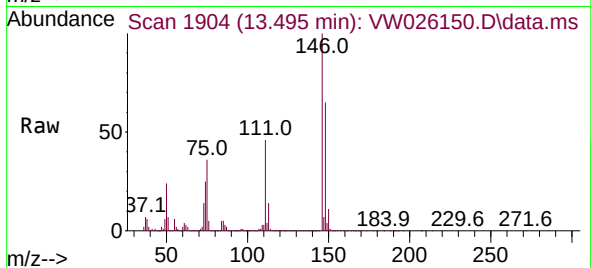
Tgt Ion:146 Resp: 502129

Ion Ratio Lower Upper

146 100

111 46.2 29.7 55.1

148 65.3 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 18.502 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

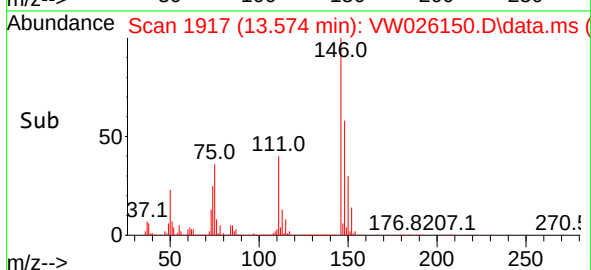
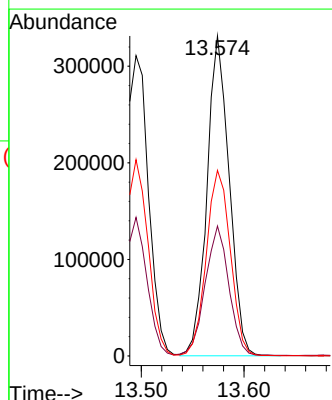
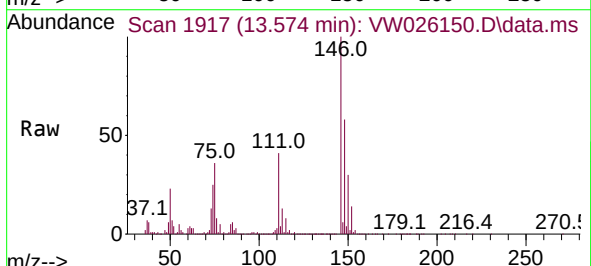
Tgt Ion:146 Resp: 498462

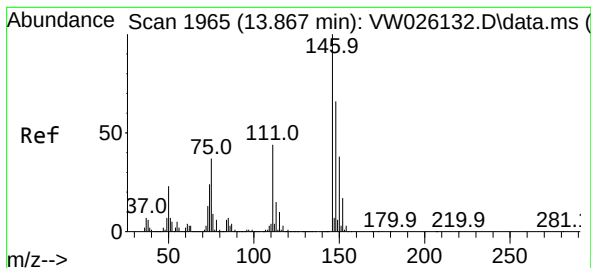
Ion Ratio Lower Upper

146 100

111 40.6 29.2 54.2

148 58.0 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 19.432 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

Instrument :

MSVOA_W

ClientSampleId :

EZEL8MSD

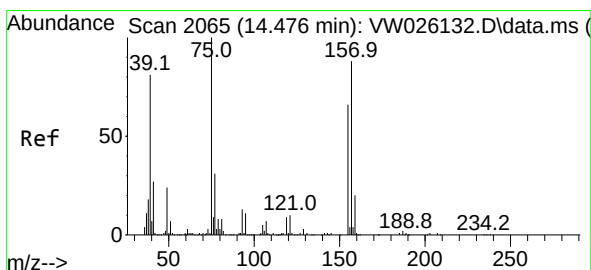
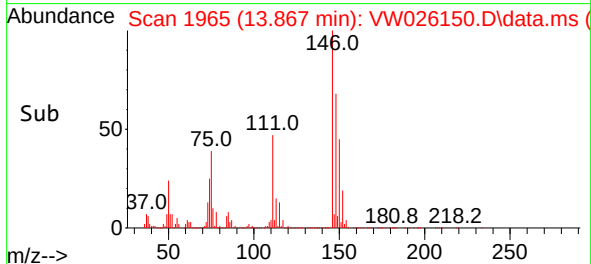
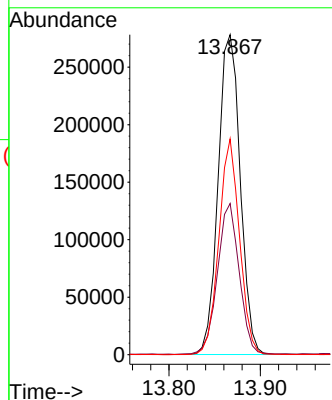
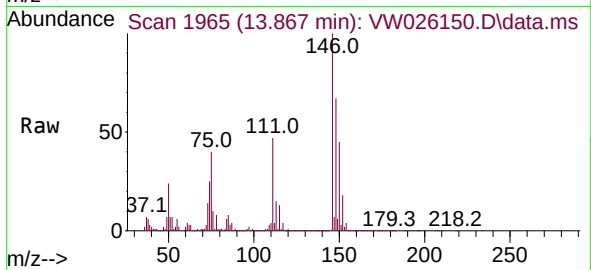
Tgt Ion:146 Resp: 466955

Ion Ratio Lower Upper

146 100

111 47.3 35.4 53.0

148 67.5 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 24.990 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

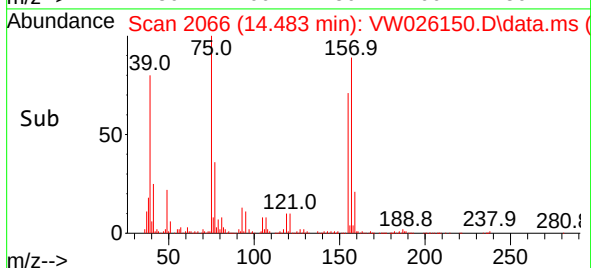
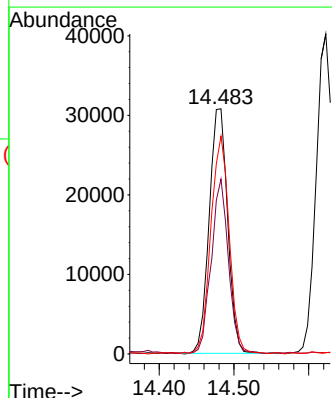
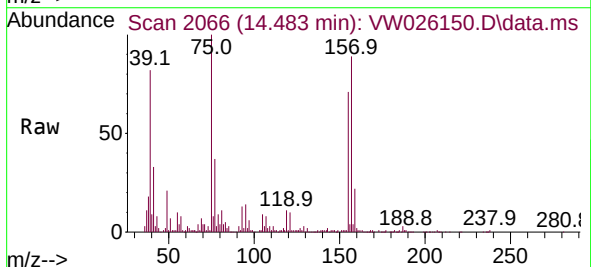
Tgt Ion: 75 Resp: 52542

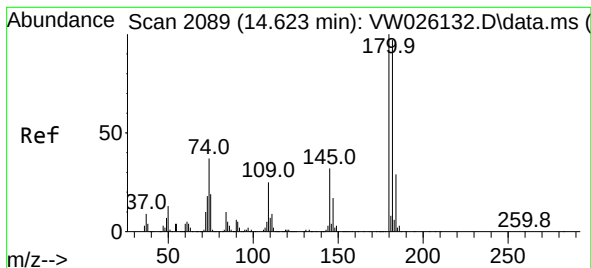
Ion Ratio Lower Upper

75 100

155 71.3 59.0 88.6

157 88.8 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 16.018 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

Instrument :

MSVOA_W

ClientSampleId :

EZEL8MSD

Tgt Ion:180 Resp: 294433

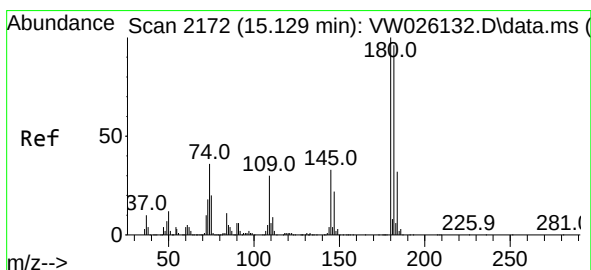
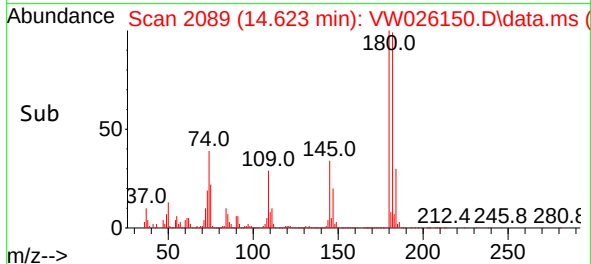
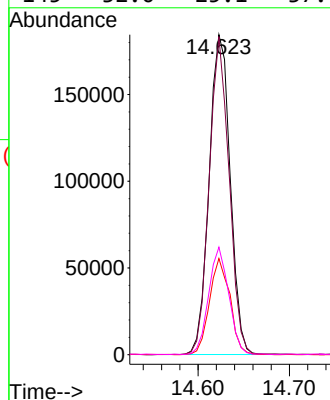
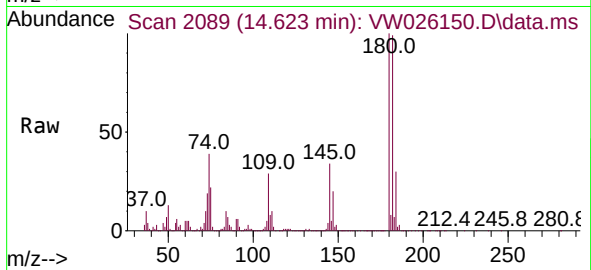
Ion Ratio Lower Upper

180 100

182 93.8 77.0 115.4

184 29.2 23.7 35.5

145 32.0 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 16.710 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026150.D

Acq: 08 Jun 2023 22:42

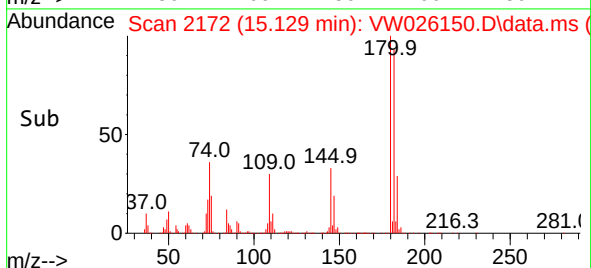
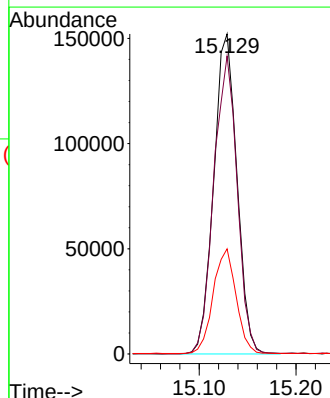
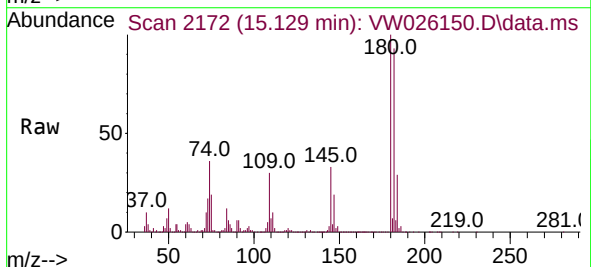
Tgt Ion:180 Resp: 253453

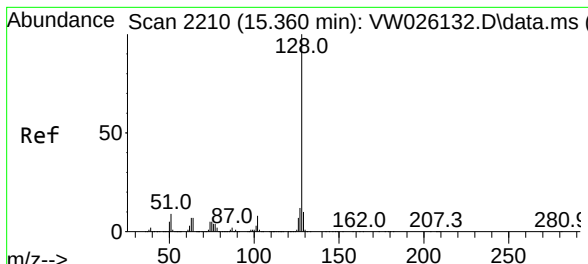
Ion Ratio Lower Upper

180 100

182 94.0 78.9 118.3

145 32.3 27.2 40.8

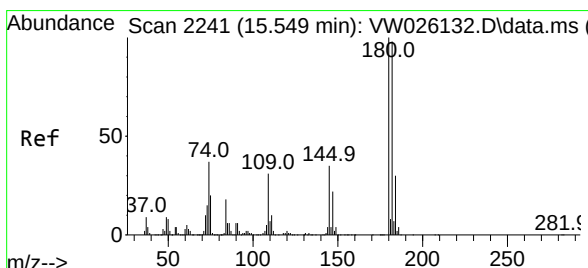
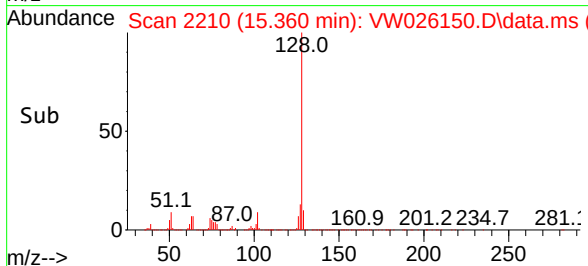
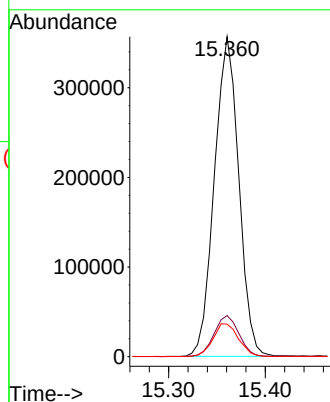
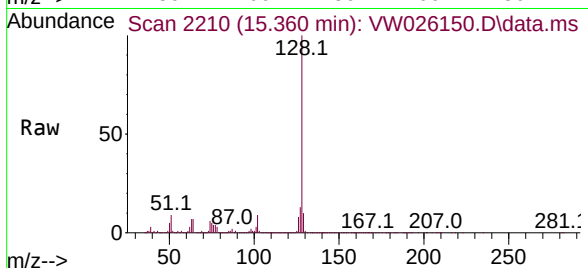




#71
Naphthalene
Concen: 23.129 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

Instrument :
MSVOA_W
ClientSampleId :
EZEL8MSD

Tgt Ion:128 Resp: 625258
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 16.429 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026150.D
Acq: 08 Jun 2023 22:42

Tgt Ion:180 Resp: 217785
Ion Ratio Lower Upper
180 100
182 93.0 76.3 114.5
145 33.9 27.0 40.6

