

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026383.D
 Acq On : 28 Jun 2023 03:37
 Operator : SY/MD
 Sample : 03420-23MSD
 Misc : 5.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46K5MSD

Quant Time: Jun 28 05:58:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 05:31:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	864593	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	602387	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	167683	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	309821	24.666	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.680%
7) Chloroethane-d5	2.899	69	250762	28.084	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.320%
11) 1,1-Dichloroethene-d2	4.021	65	142513	25.061	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.240%
21) 2-Butanone-d5	7.075	46	169671	42.981	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.960%
24) Chloroform-d	7.648	84	547096	22.331	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.320%
26) 1,2-Dichloroethane-d4	8.307	65	311881	22.656	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.640%
32) Benzene-d6	8.276	84	1061618	28.472	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.880%
36) 1,2-Dichloropropane-d6	9.276	67	329661	27.209	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.840%
41) Toluene-d8	10.325	98	837185	25.652	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	10.575	79	106113	21.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.240%
47) 2-Hexanone-d5	10.922	63	112931	60.692	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	210135	22.029	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.120%
66) 1,2-Dichlorobenzene-d4	13.854	152	123987	21.236	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.960%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	253902	24.430	ug/L	89
3) Chloromethane	2.222	50	349711	23.271	ug/L	99
5) Vinyl chloride	2.375	62	353347	22.614	ug/L	100
6) Bromomethane	2.789	94	182226	21.247	ug/L	99
8) Chloroethane	2.930	64	220260	26.289	ug/L	99
9) Trichlorofluoromethane	3.265	101	264361	23.986	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	215800	18.087	ug/L	98
12) 1,1-Dichloroethene	4.045	96	250582	22.415	ug/L	99
13) Acetone	4.118	43	295099	93.396	ug/L	99
14) Carbon disulfide	4.387	76	728064	18.430	ug/L	99
15) Methyl Acetate	4.667	43	145284	20.057	ug/L	98
16) Methylene chloride	4.923	84	273693	18.706	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	245330	19.966	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	479181	24.934	ug/L	98
19) 1,1-Dichloroethane	6.216	63	549158	21.340	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	276119	20.794	ug/L	99
22) 2-Butanone	7.167	43	263391	54.481	ug/L	99
23) Bromochloromethane	7.514	128	113551	19.937	ug/L	95
25) Chloroform	7.679	83	504852	21.168	ug/L	98

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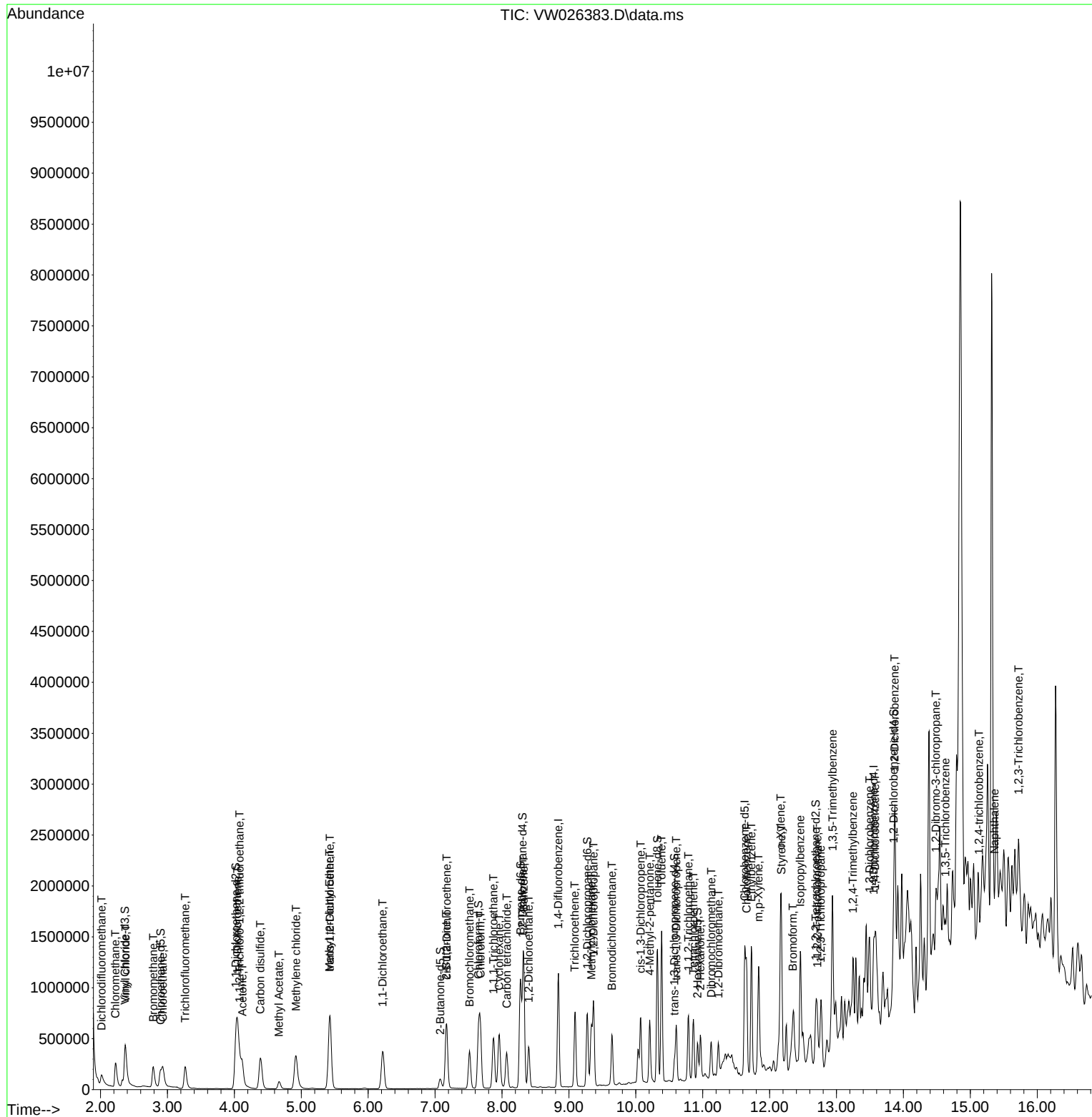
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	370806	21.625	ug/L	96
29) Cyclohexane	7.959	56	316345	18.186	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	397187	27.256	ug/L	100
31) Carbon tetrachloride	8.069	117	255851	19.531	ug/L	100
33) Benzene	8.325	78	1079893	26.540	ug/L	100
34) Trichloroethene	9.087	95	259669	24.925	ug/L	91
35) Methylcyclohexane	9.337	83	221746	12.412	ug/L	100
37) 1,2-Dichloropropane	9.367	63	290562	25.559	ug/L	99
38) Bromodichloromethane	9.642	83	324127	24.827	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	358904	22.035	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	424534	57.855	ug/L	99
42) Toluene	10.386	91	1002948	24.571	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	282823	20.571	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	193626	25.438	ug/L	98
46) Tetrachloroethene	10.861	164	123140	16.777	ug/L	94
48) 2-Hexanone	10.965	43	279072	53.901	ug/L	96
49) Dibromochloromethane	11.129	129	179424	23.021	ug/L	97
50) 1,2-Dibromoethane	11.233	107	171958	24.607	ug/L	100
51) Chlorobenzene	11.654	112	521475	20.028	ug/L	98
52) Ethylbenzene	11.727	91	890042	19.351	ug/L	97
53) m,p-Xylene	11.837	106	311770	18.586	ug/L	98
54) o-Xylene	12.166	106	299624	18.971	ug/L	95
55) Styrene	12.178	104	459410	16.677	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	190080	19.978	ug/L	97
59) Bromoform	12.349	173	85542	33.722	ug/L	97
60) Isopropylbenzene	12.458	105	639816	25.387	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	159665	39.171	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	435427	22.288	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	430905	22.869	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	202352	18.746	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	213187	19.735	ug/L #	82
67) 1,2-Dichlorobenzene	13.867	146	184122	19.151	ug/L #	76
68) 1,2-Dibromo-3-chloropr...	14.482	75	28862	30.722	ug/L	97
69) 1,3,5-Trichlorobenzene	14.629	180	66189	9.542	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	56882	10.021	ug/L #	65
71) Naphthalene	15.360	128	202691	17.763	ug/L #	86
72) 1,2,3-Trichlorobenzene	15.720	180	4255	0.803	ug/L	87

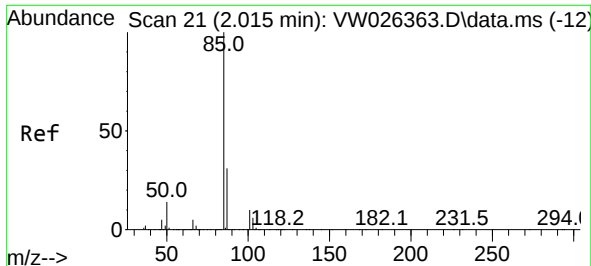
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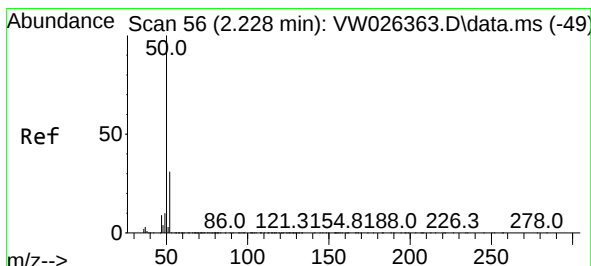
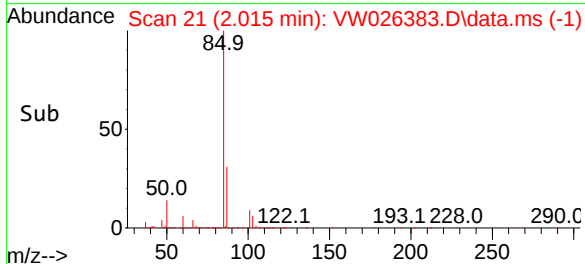
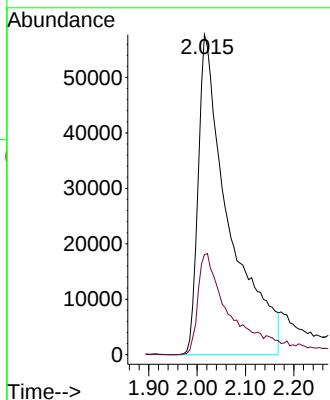
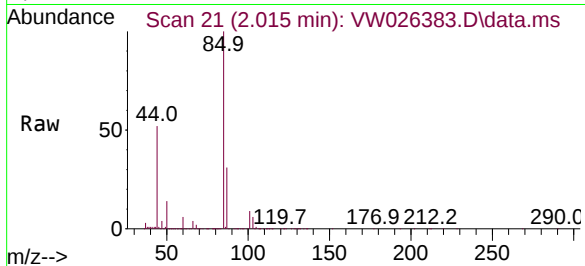




#2
 Dichlorodifluoromethane
 Concen: 24.430 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026383.D
 Acq: 28 Jun 2023 03:37

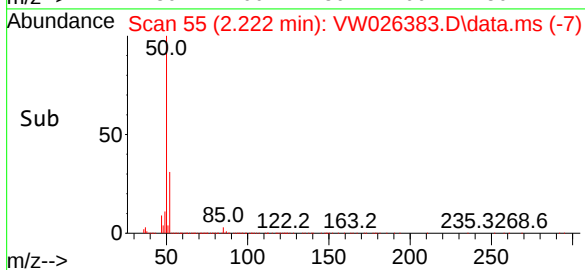
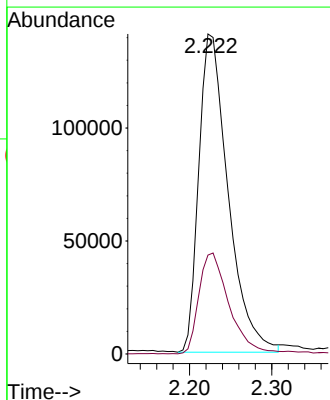
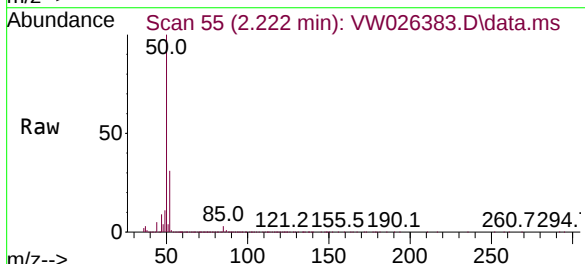
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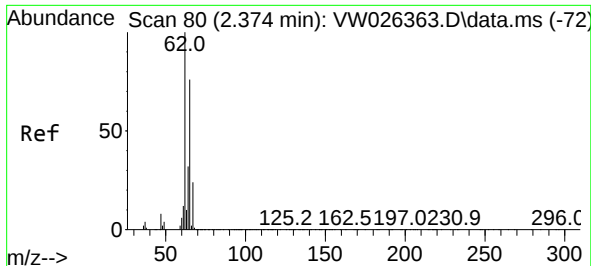
Tgt Ion: 85 Resp: 253902
 Ion Ratio Lower Upper
 85 100
 87 25.6 25.2 37.8



#3
 Chloromethane
 Concen: 23.271 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW026383.D
 Acq: 28 Jun 2023 03:37

Tgt Ion: 50 Resp: 349711
 Ion Ratio Lower Upper
 50 100
 52 30.9 21.4 39.8

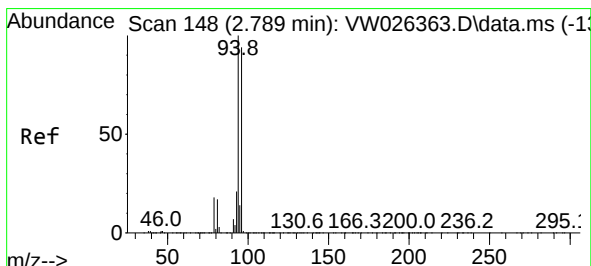
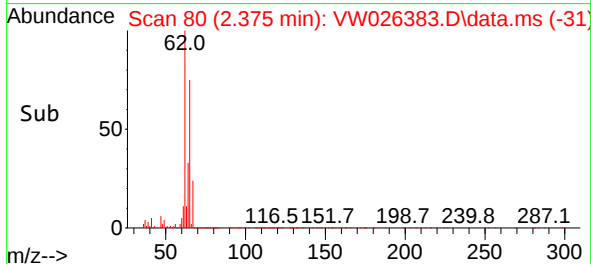
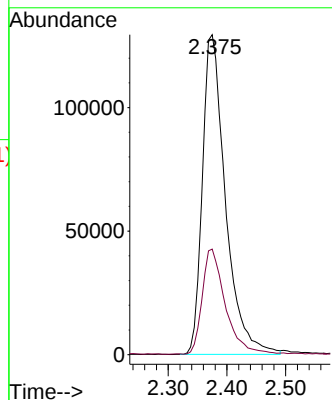
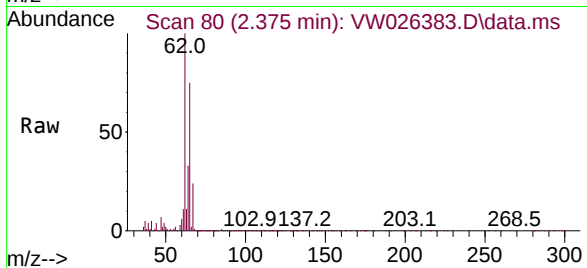




#5
 Vinyl chloride
 Concen: 22.614 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026383.D
 Acq: 28 Jun 2023 03:37

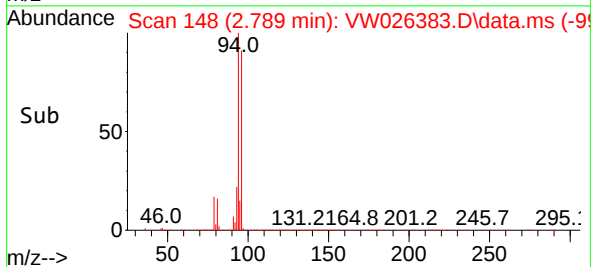
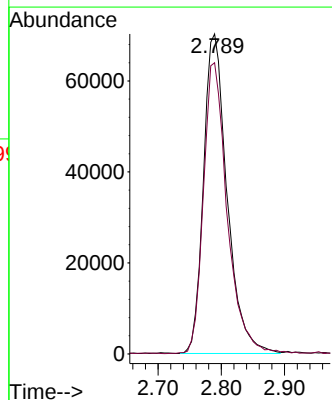
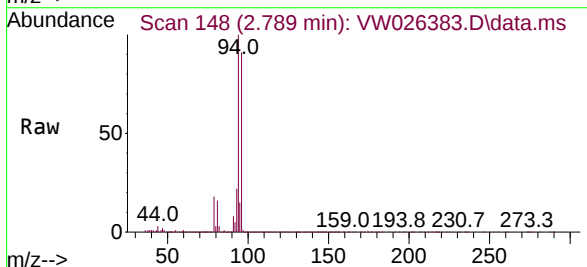
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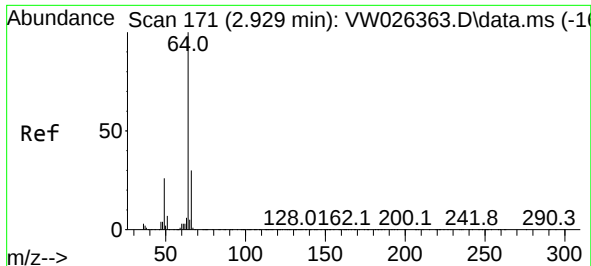
Tgt Ion: 62 Resp: 353347
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.0 42.8



#6
 Bromomethane
 Concen: 21.247 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026383.D
 Acq: 28 Jun 2023 03:37

Tgt Ion: 94 Resp: 182226
 Ion Ratio Lower Upper
 94 100
 96 91.0 64.6 120.0

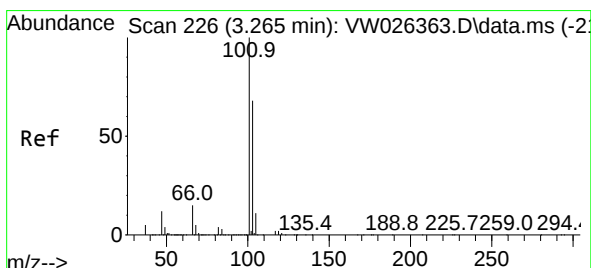
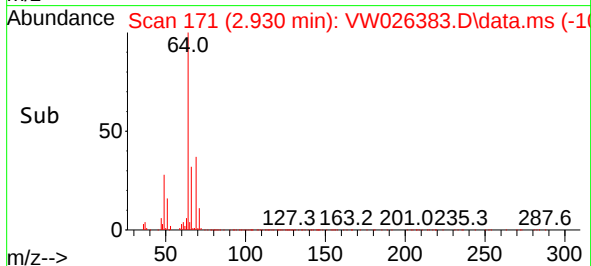
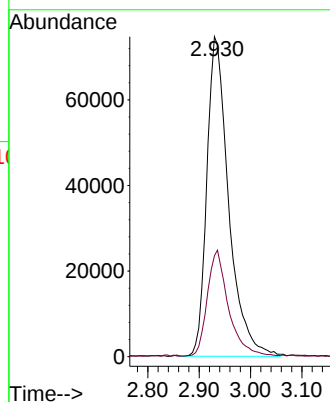
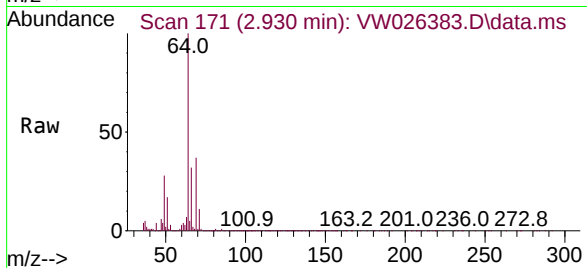




#8
Chloroethane
Concen: 26.289 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

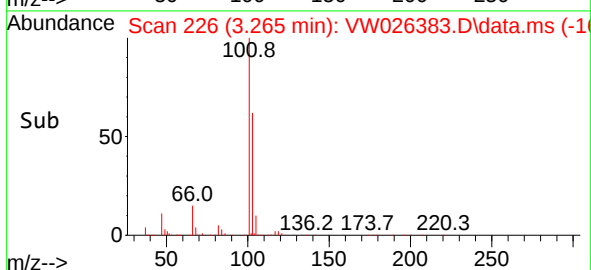
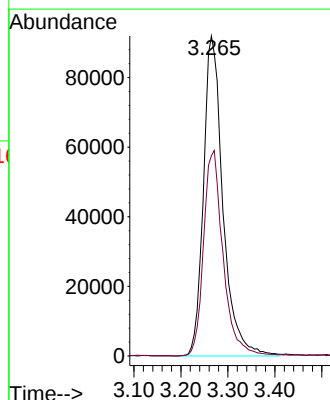
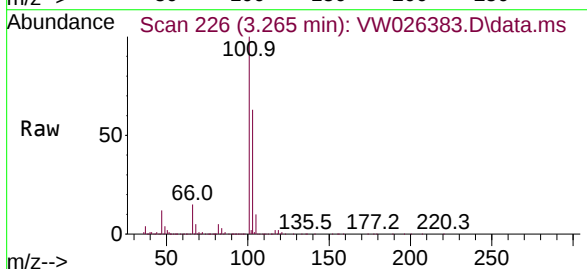
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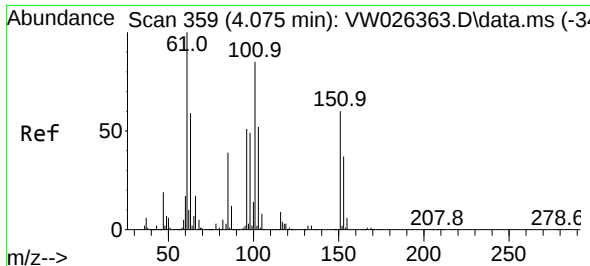
Tgt Ion: 64 Resp: 220260
Ion Ratio Lower Upper
64 100
66 31.6 22.5 41.7



#9
Trichlorofluoromethane
Concen: 23.986 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

Tgt Ion: 101 Resp: 264361
Ion Ratio Lower Upper
101 100
103 64.7 52.9 79.3

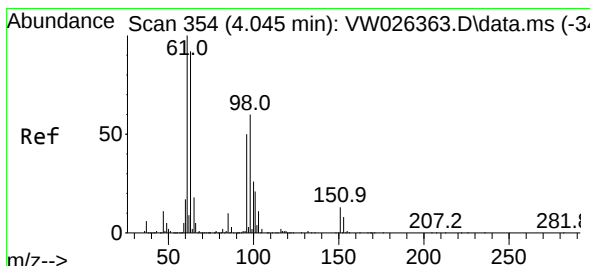
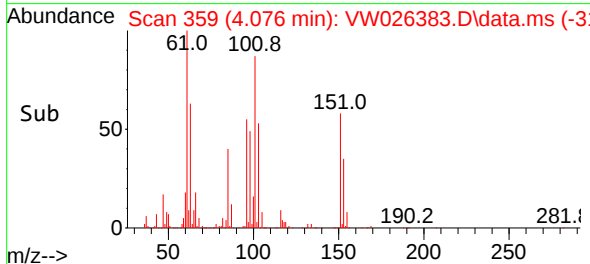
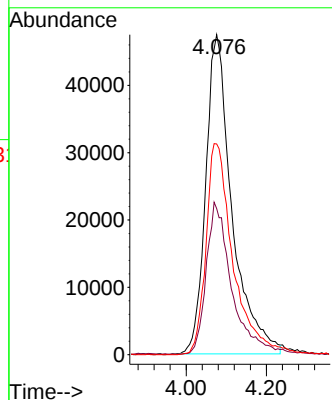
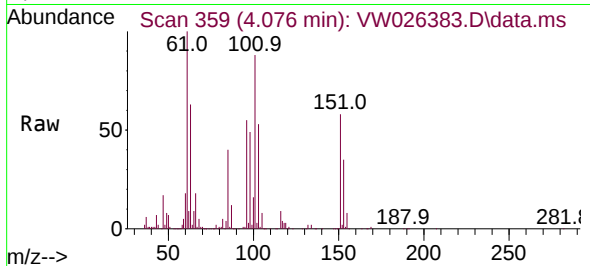




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.087 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW026383.D
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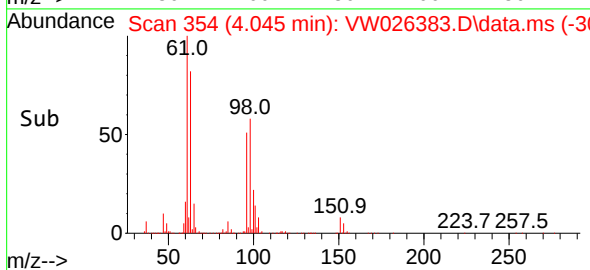
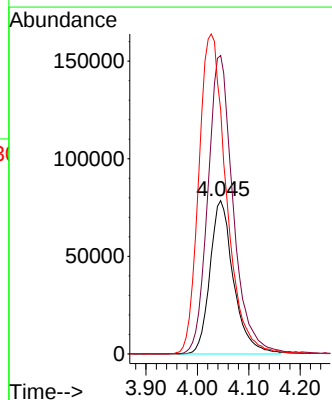
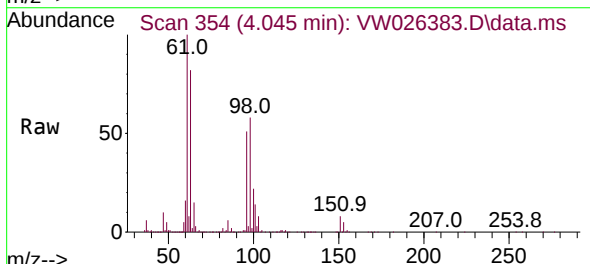
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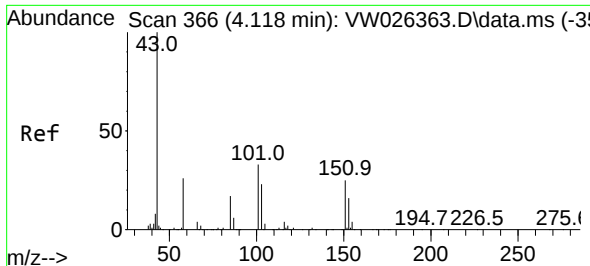
Tgt Ion:101 Resp: 215800
 Ion Ratio Lower Upper
 101 100
 85 43.2 35.4 53.0
 151 68.4 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 22.415 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026383.D
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Tgt Ion: 96 Resp: 250582
 Ion Ratio Lower Upper
 96 100
 61 194.7 134.3 249.3
 63 159.4 112.3 208.5

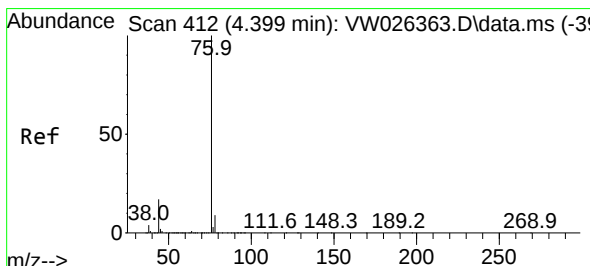
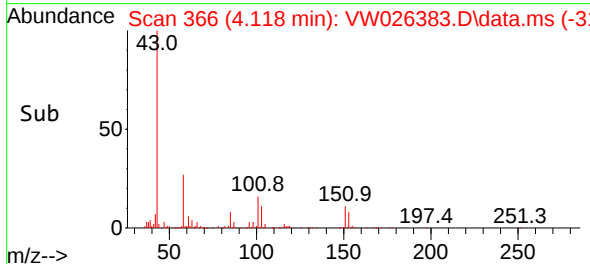
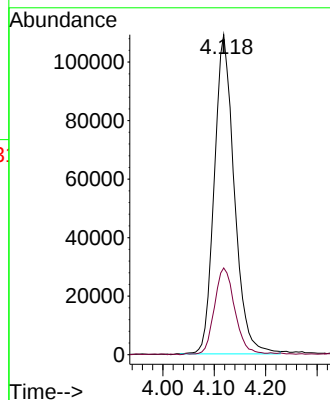
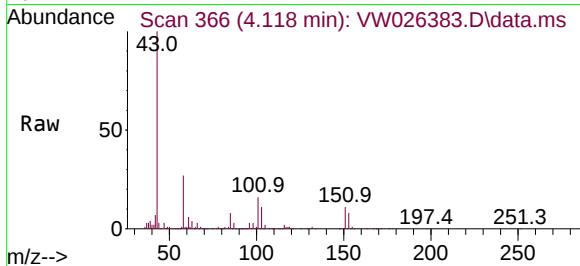




#13
Acetone
Concen: 93.396 ug/L
RT: 4.118 min Scan# 301
Delta R.T. 0.000 min
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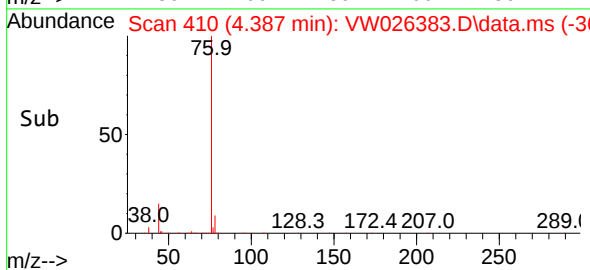
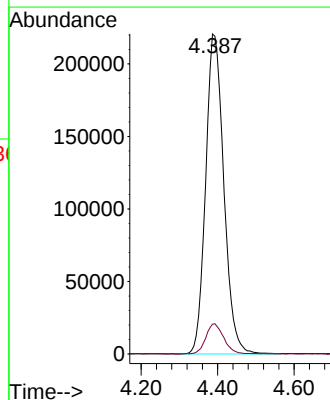
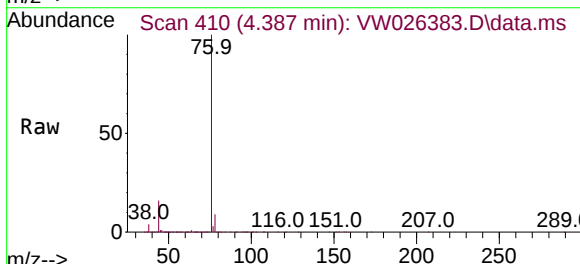
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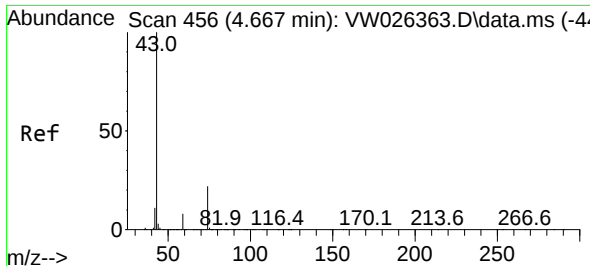
Tgt Ion: 43 Resp: 295099
Ion Ratio Lower Upper
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58 27.6 0.0 55.8



#14
Carbon disulfide
Concen: 18.430 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.012 min
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Tgt Ion: 76 Resp: 728064
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

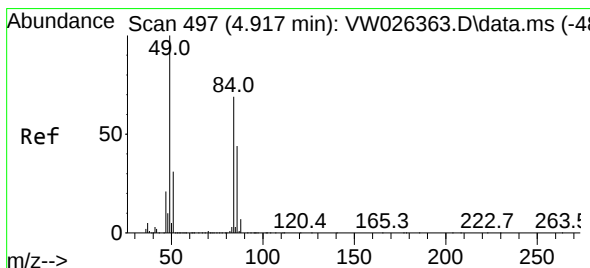
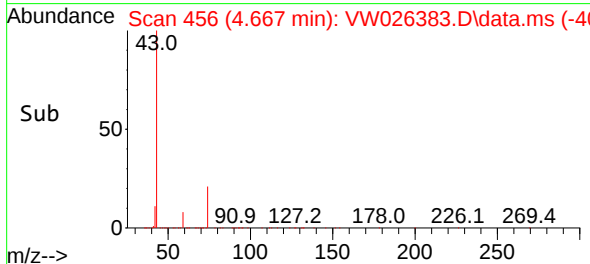
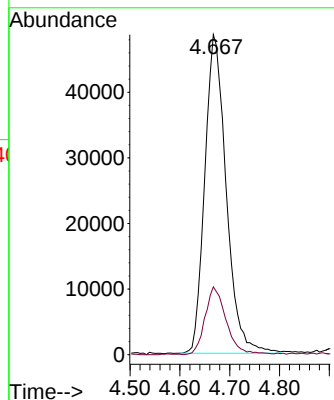
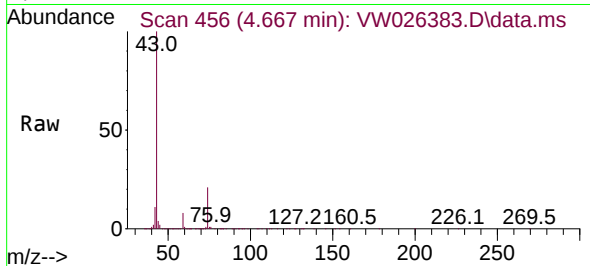




#15
Methyl Acetate
Concen: 20.057 ug/L
RT: 4.667 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

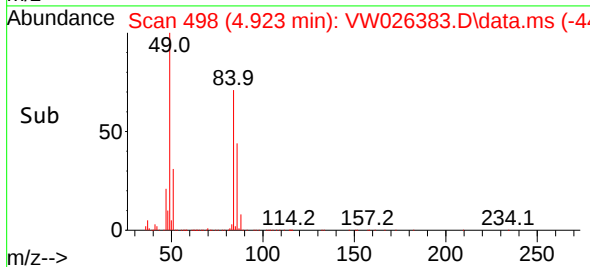
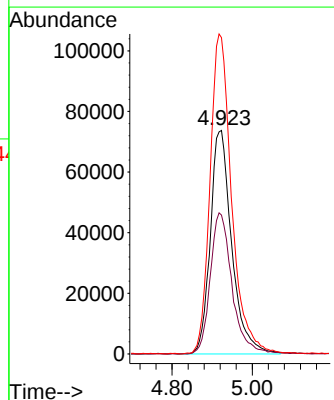
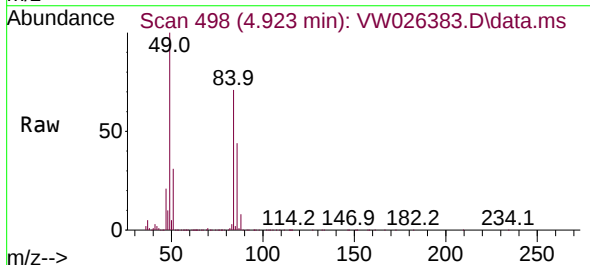
Instrument :
MSVOA_W
ClientSampleId :
A46K5MSD

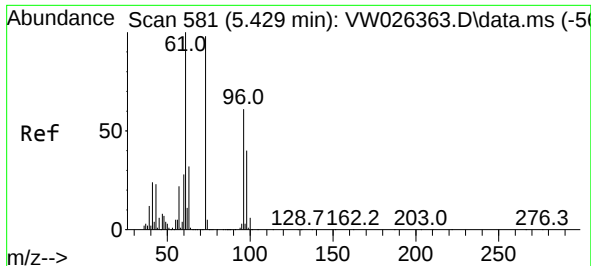
Tgt Ion: 43 Resp: 145284
Ion Ratio Lower Upper
43 100
74 21.1 16.3 24.5



#16
Methylene chloride
Concen: 18.706 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

Tgt Ion: 84 Resp: 273693
Ion Ratio Lower Upper
84 100
86 62.1 43.9 81.5
49 141.5 100.4 186.4

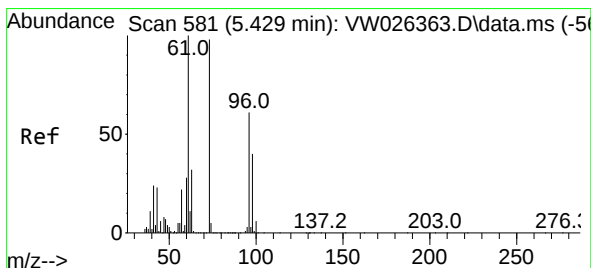
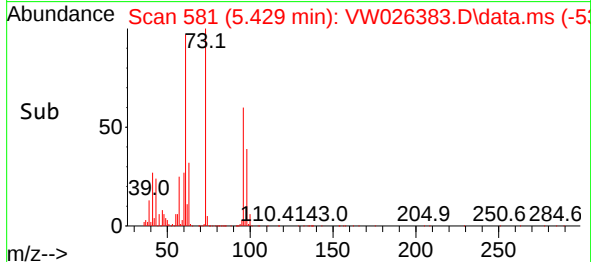
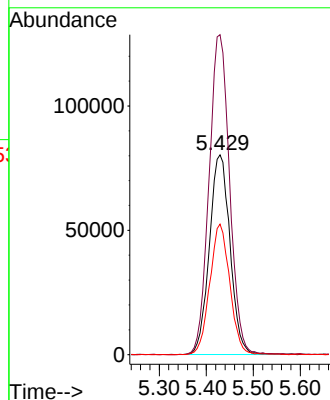
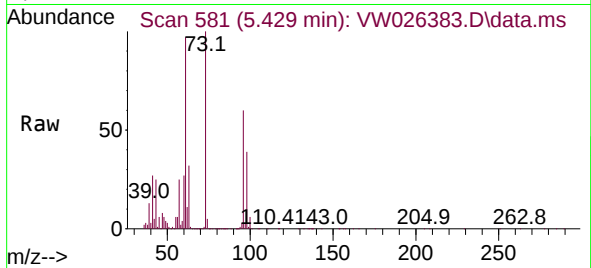




#17
trans-1,2-Dichloroethene
Concen: 19.966 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

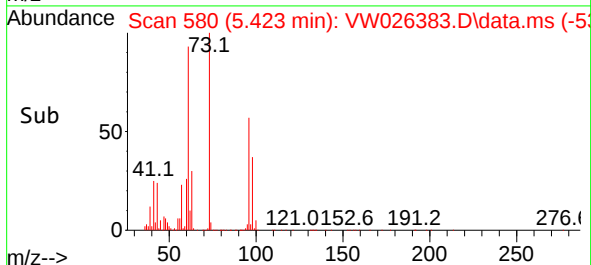
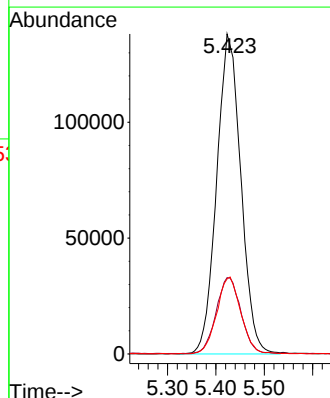
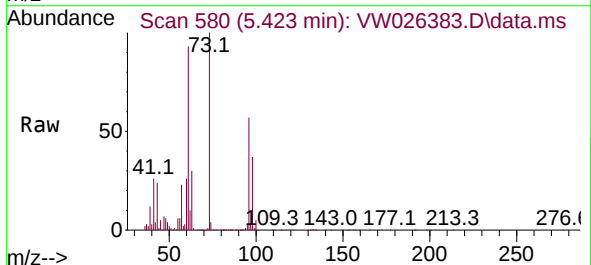
Instrument :
MSVOA_W
ClientSampleId :
A46K5MSD

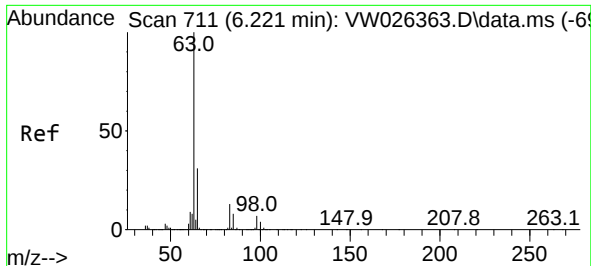
Tgt Ion: 96 Resp: 245330
Ion Ratio Lower Upper
96 100
61 160.2 106.1 197.1
98 65.3 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 24.934 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

Tgt Ion: 73 Resp: 479181
Ion Ratio Lower Upper
73 100
43 24.0 18.1 27.1
57 23.7 19.5 29.3





#19

1,1-Dichloroethane

Concen: 21.340 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

Instrument :

MSVOA_W

ClientSampleId :

A46K5MSD

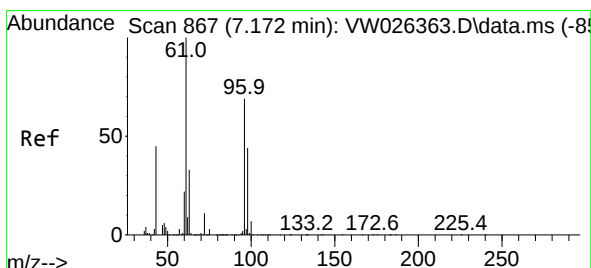
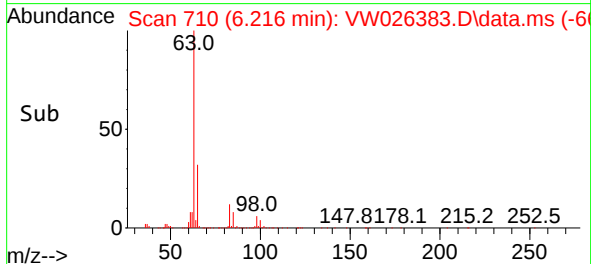
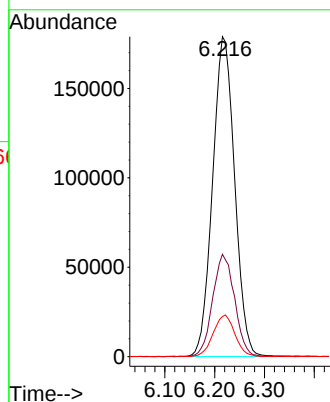
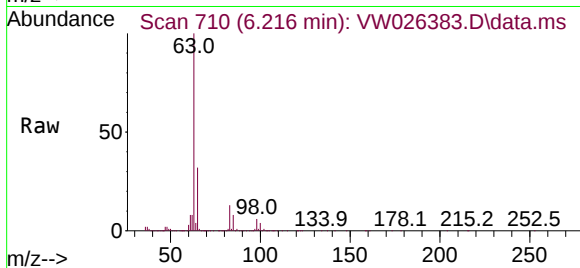
Tgt Ion: 63 Resp: 549158

Ion Ratio Lower Upper

63 100

65 32.0 22.8 42.4

83 12.5 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 20.794 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

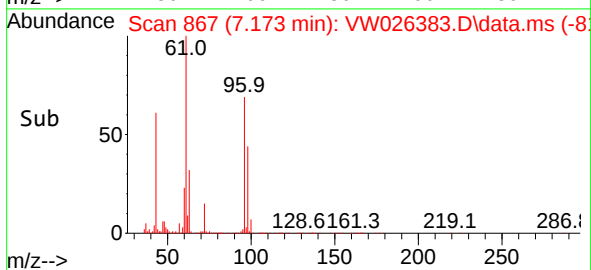
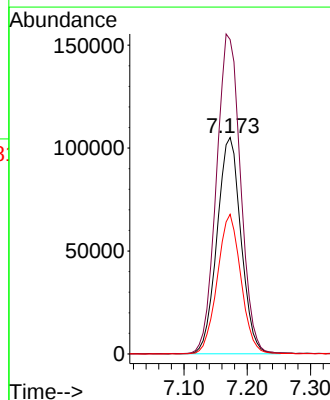
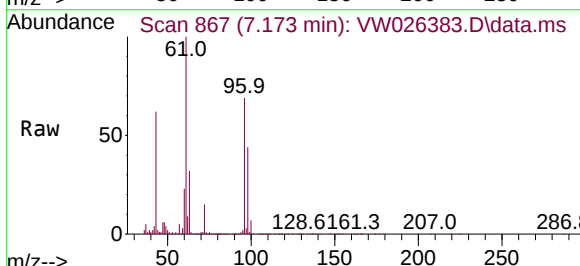
Tgt Ion: 96 Resp: 276119

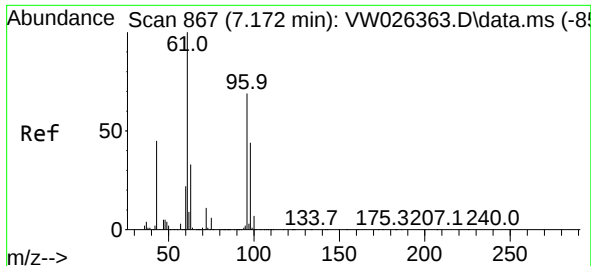
Ion Ratio Lower Upper

96 100

61 145.2 100.8 187.2

98 64.5 45.7 84.9

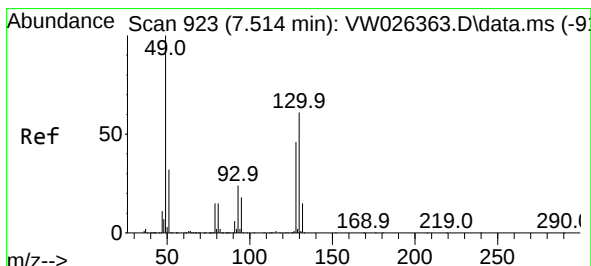
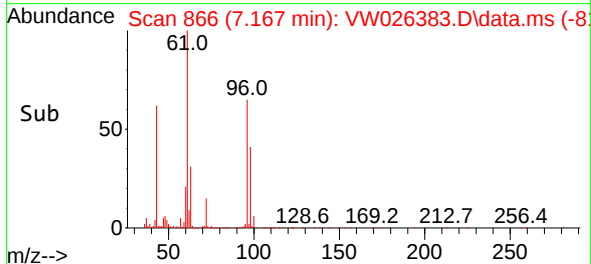
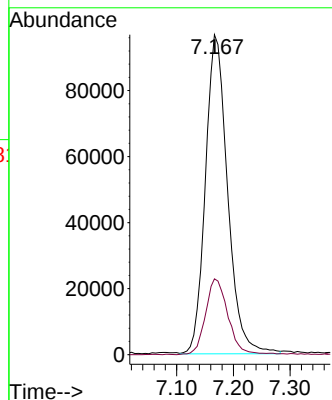
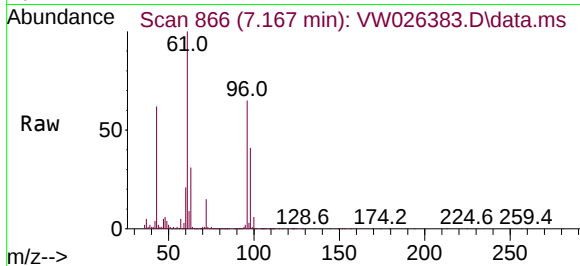




#22
2-Butanone
Concen: 54.481 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

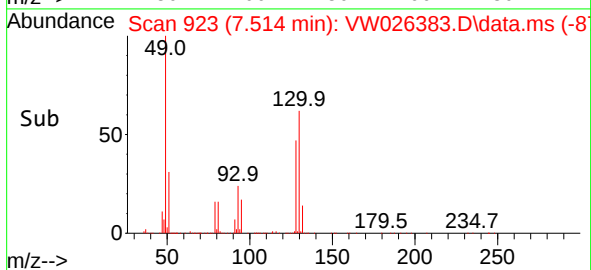
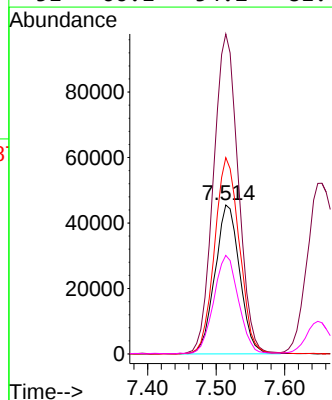
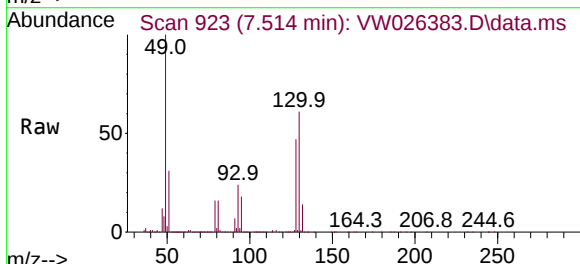
Instrument :
MSVOA_W
ClientSampleId :
A46K5MSD

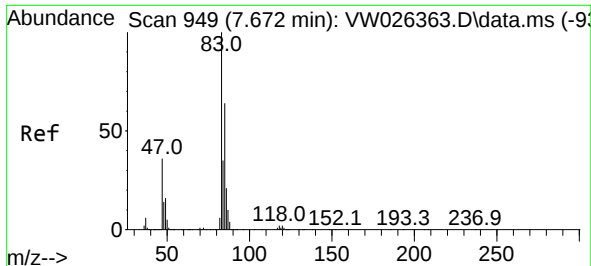
Tgt Ion: 43 Resp: 263391
Ion Ratio Lower Upper
43 100
72 23.9 11.8 35.3



#23
Bromochloromethane
Concen: 19.937 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

Tgt Ion: 128 Resp: 113551
Ion Ratio Lower Upper
128 100
49 214.7 148.5 275.9
130 131.8 82.6 153.4
51 66.1 54.2 81.4

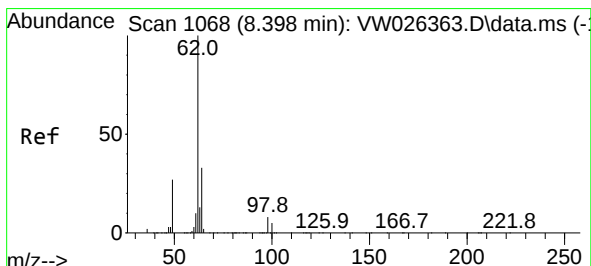
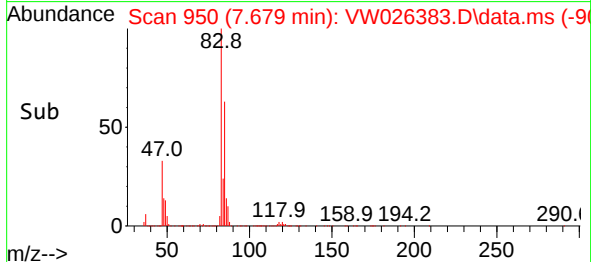
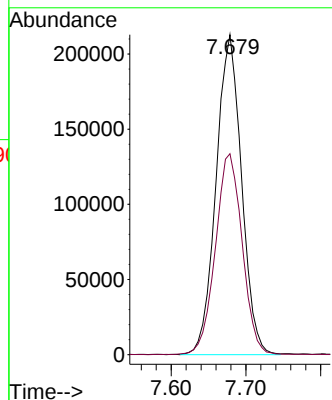
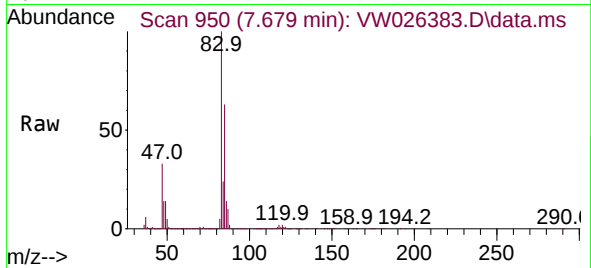




#25
Chloroform
Concen: 21.168 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

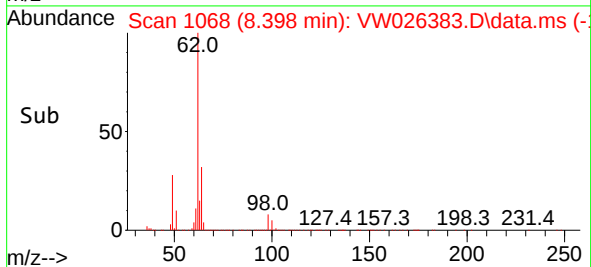
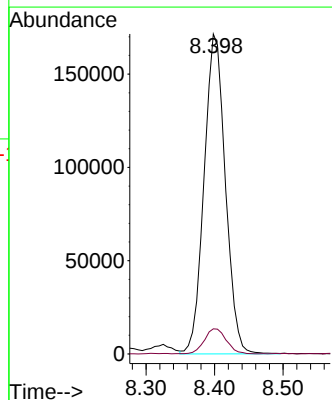
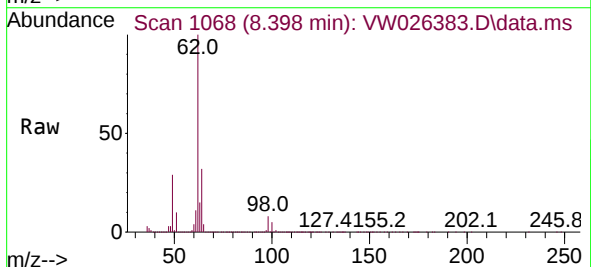
Instrument :
MSVOA_W
ClientSampleId :
A46K5MSD

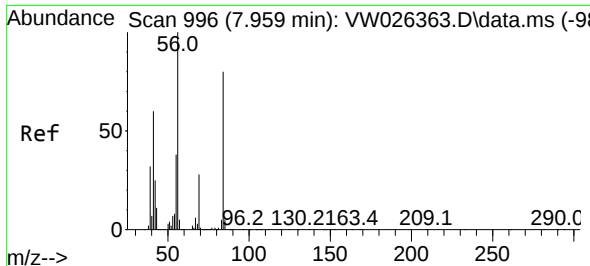
Tgt Ion: 83 Resp: 504852
Ion Ratio Lower Upper
83 100
85 62.8 45.3 84.1



#27
1,2-Dichloroethane
Concen: 21.625 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

Tgt Ion: 62 Resp: 370806
Ion Ratio Lower Upper
62 100
98 7.8 7.5 11.3

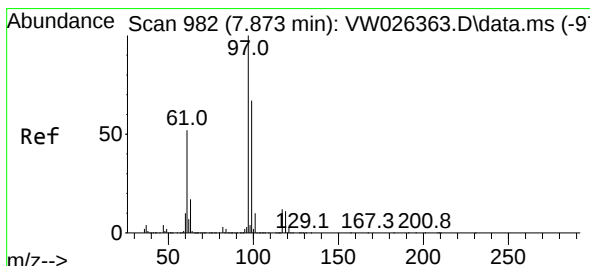
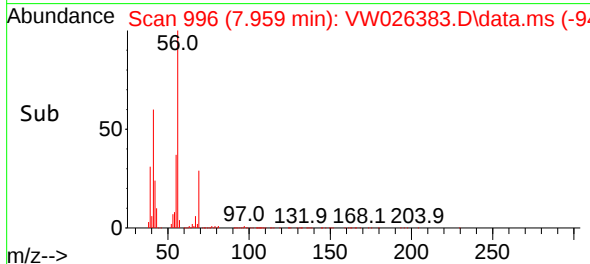
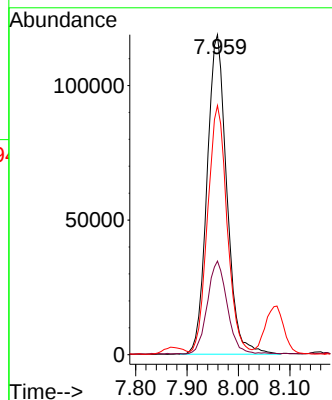
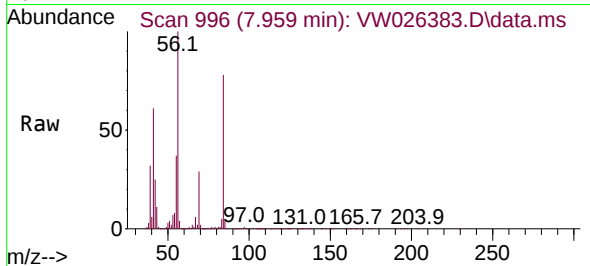




#29
Cyclohexane
Concen: 18.186 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

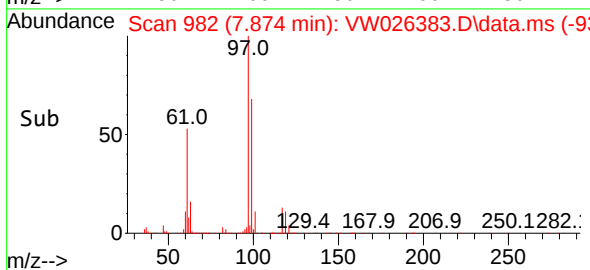
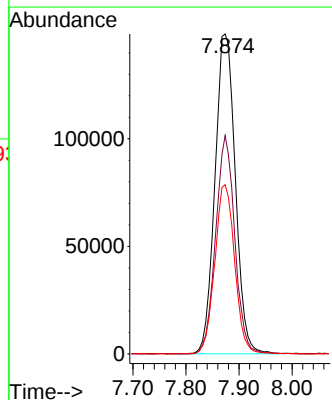
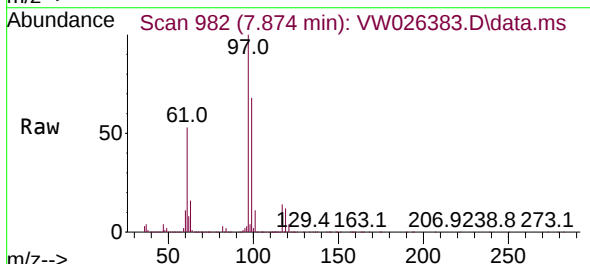
Instrument :
MSVOA_W
ClientSampleId :
A46K5MSD

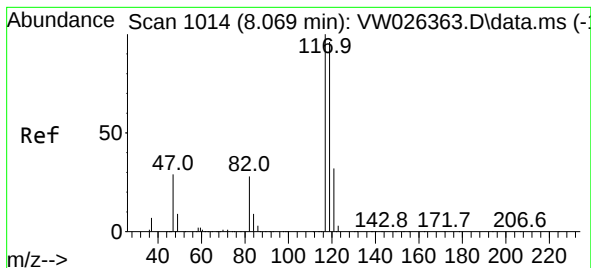
Tgt Ion: 56 Resp: 316345
Ion Ratio Lower Upper
56 100
69 29.1 23.0 34.4
84 77.5 63.4 95.0



#30
1,1,1-Trichloroethane
Concen: 27.256 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

Tgt Ion: 97 Resp: 397187
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 51.7 41.4 62.2





#31

Carbon tetrachloride

Concen: 19.531 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

Instrument :

MSVOA_W

ClientSampleId :

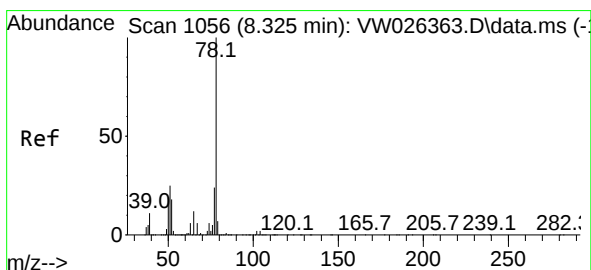
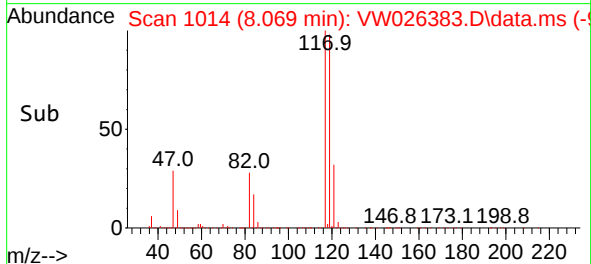
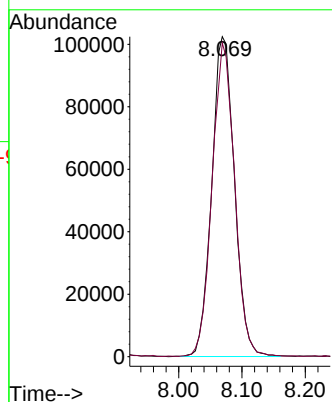
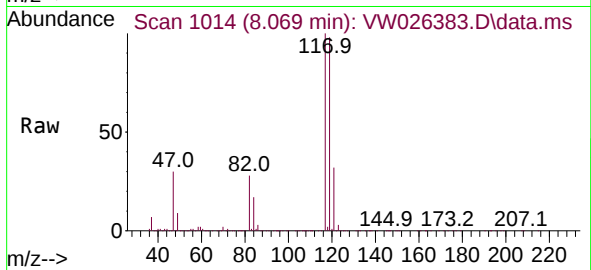
A46K5MSD

Tgt Ion:117 Resp: 255851

Ion Ratio Lower Upper

117 100

119 96.8 77.7 116.5



#33

Benzene

Concen: 26.540 ug/L

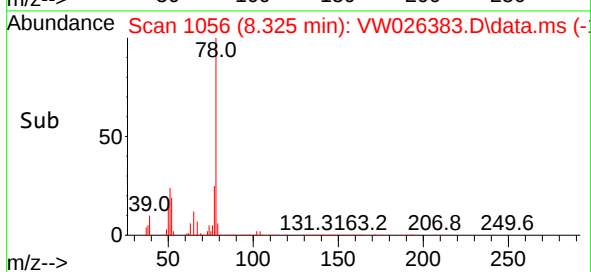
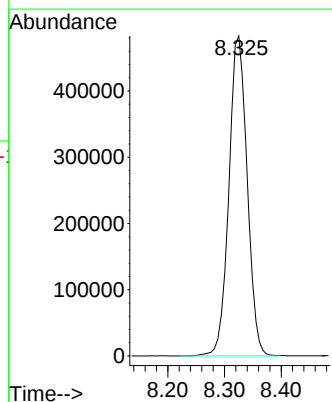
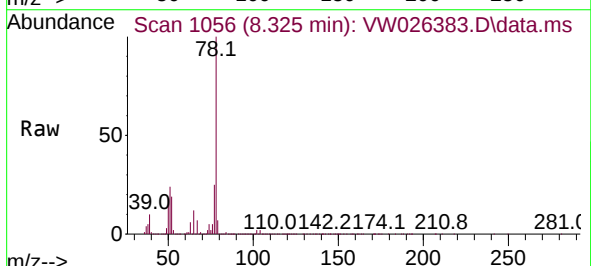
RT: 8.325 min Scan# 1056

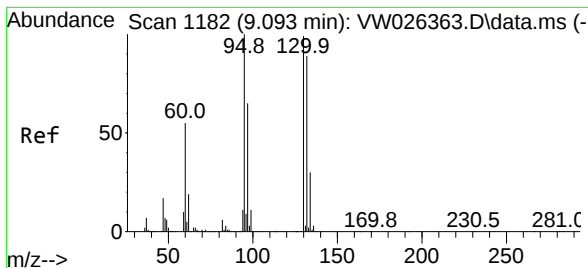
Delta R.T. 0.000 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

Tgt Ion: 78 Resp: 1079893





#34

Trichloroethene

Concen: 24.925 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

Instrument :

MSVOA_W

ClientSampleId :

A46K5MSD

Tgt Ion: 95 Resp: 259669

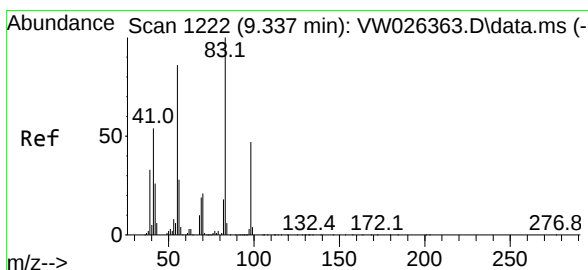
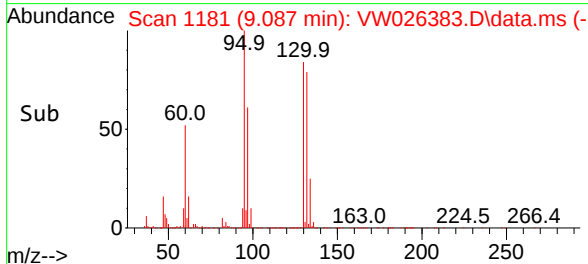
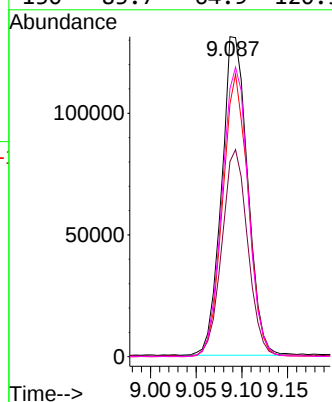
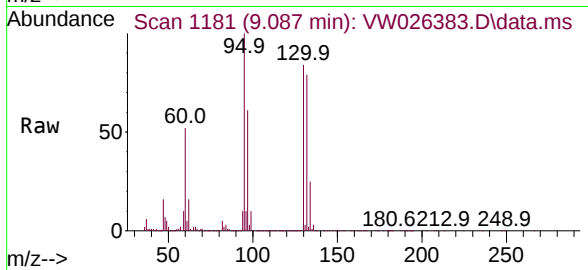
Ion Ratio Lower Upper

95 100

97 61.0 44.5 82.7

132 79.0 63.3 117.5

130 83.7 64.9 120.5



#35

Methylcyclohexane

Concen: 12.412 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

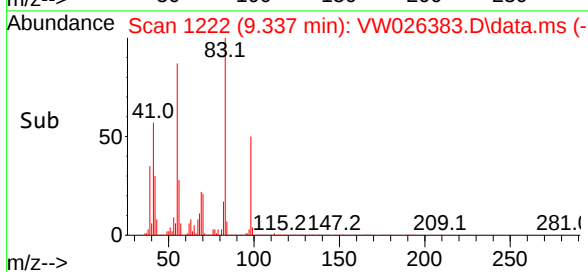
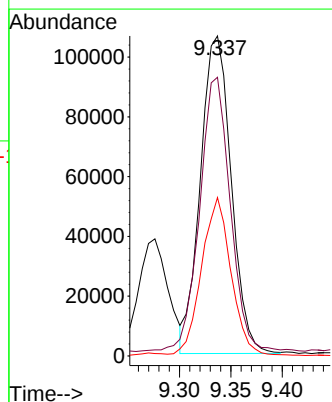
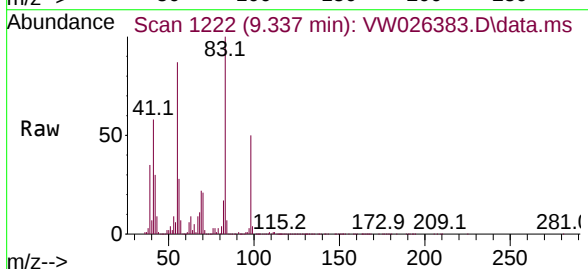
Tgt Ion: 83 Resp: 221746

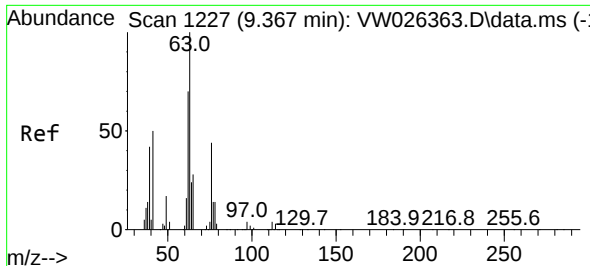
Ion Ratio Lower Upper

83 100

55 86.0 68.8 103.2

98 47.8 37.8 56.6

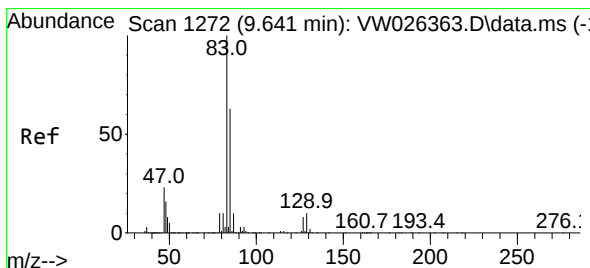
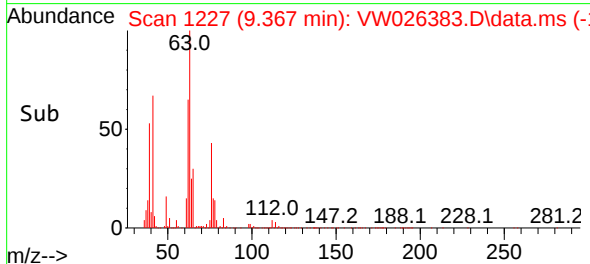
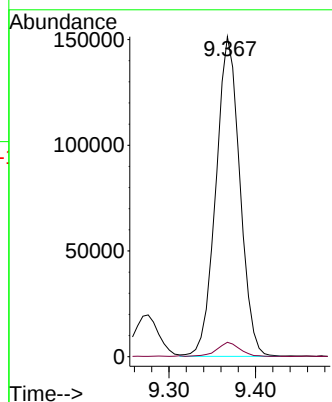
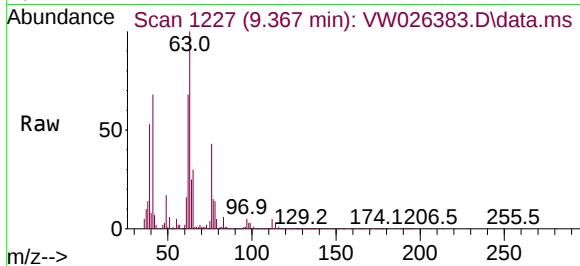




#37
 1,2-Dichloropropane
 Concen: 25.559 ug/L
 RT: 9.367 min Scan# 111
 Delta R.T. 0.000 min
 Lab File: VW026383.D
 Acq: 28 Jun 2023 03:37

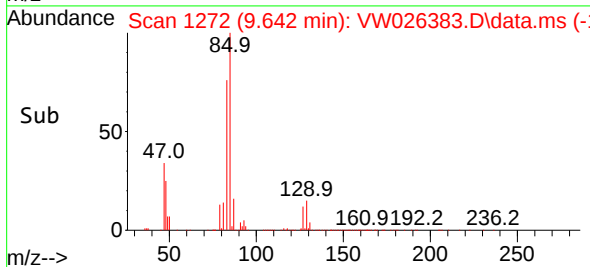
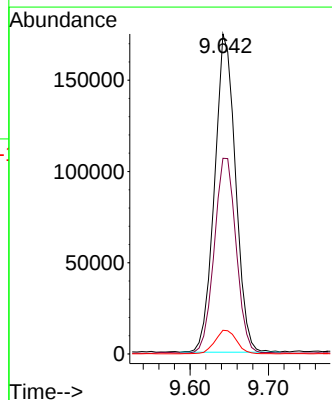
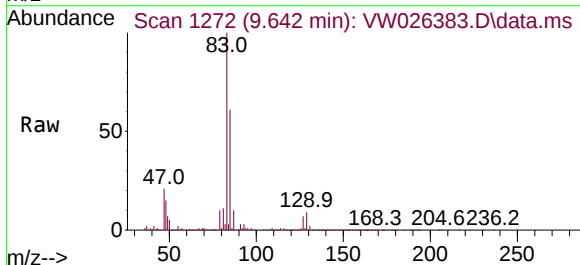
Instrument :
 MSVOA_W
 ClientSampleId :
 A46K5MSD

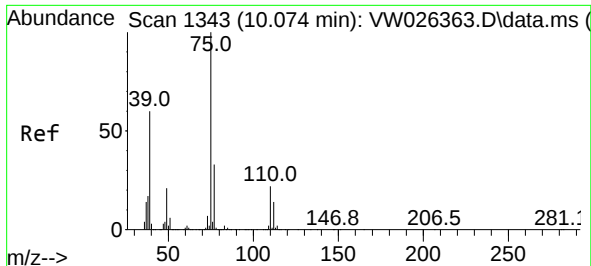
Tgt Ion: 63 Resp: 290562
 Ion Ratio Lower Upper
 63 100
 112 4.1 3.0 4.6



#38
 Bromodichloromethane
 Concen: 24.827 ug/L
 RT: 9.642 min Scan# 1272
 Delta R.T. 0.000 min
 Lab File: VW026383.D
 Acq: 28 Jun 2023 03:37

Tgt Ion: 83 Resp: 324127
 Ion Ratio Lower Upper
 83 100
 85 61.2 44.9 83.5
 127 7.4 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 22.035 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

Instrument :

MSVOA_W

ClientSampleId :

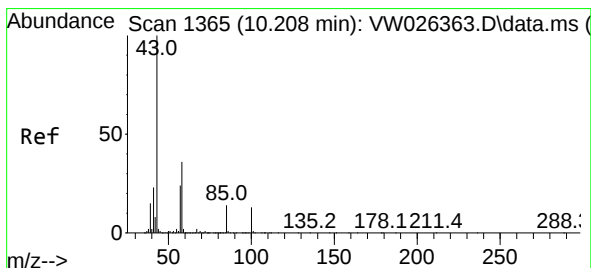
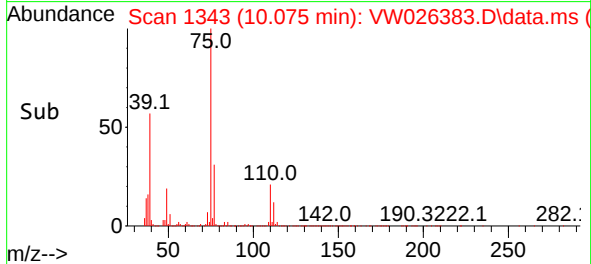
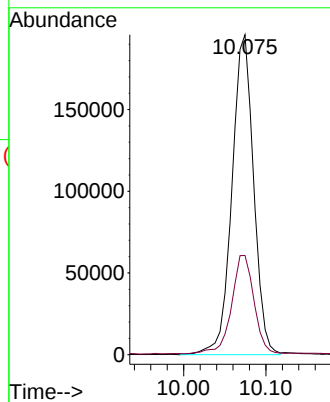
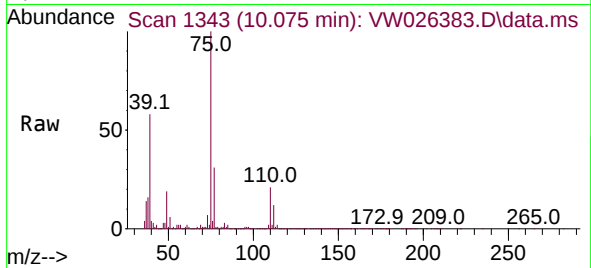
A46K5MSD

Tgt Ion: 75 Resp: 358904

Ion Ratio Lower Upper

75 100

77 31.0 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 57.855 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

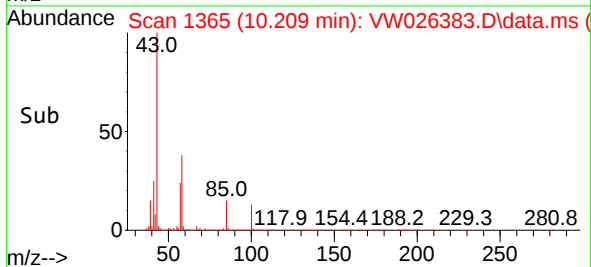
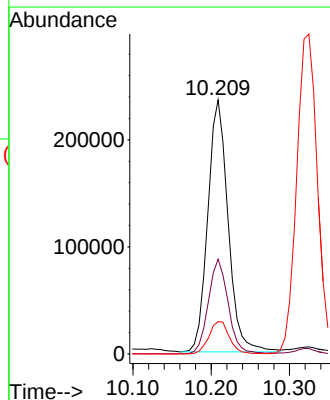
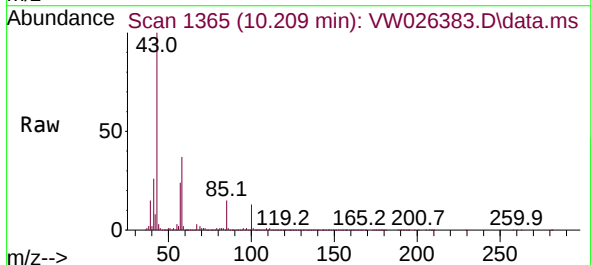
Tgt Ion: 43 Resp: 424534

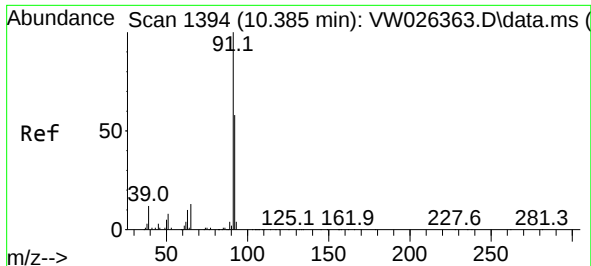
Ion Ratio Lower Upper

43 100

58 36.6 28.6 42.8

100 13.0 9.9 14.9





#42

Toluene

Concen: 24.571 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

Instrument :

MSVOA_W

ClientSampleId :

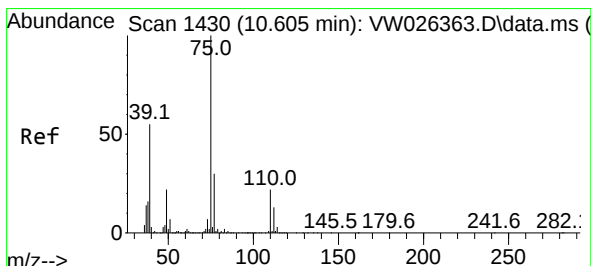
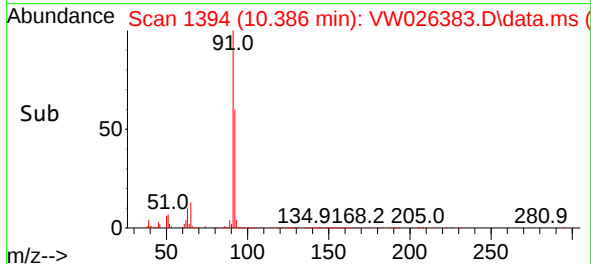
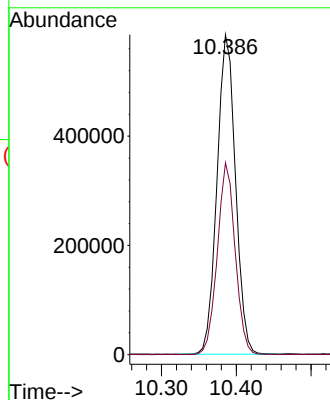
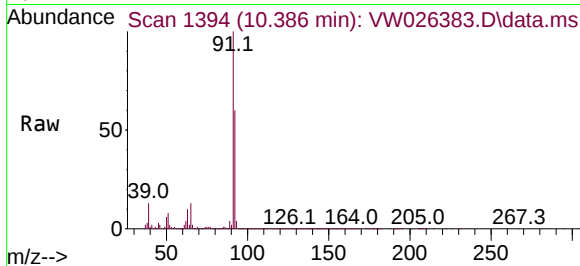
A46K5MSD

Tgt Ion: 91 Resp: 1002948

Ion Ratio Lower Upper

91 100

92 59.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 20.571 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW026383.D

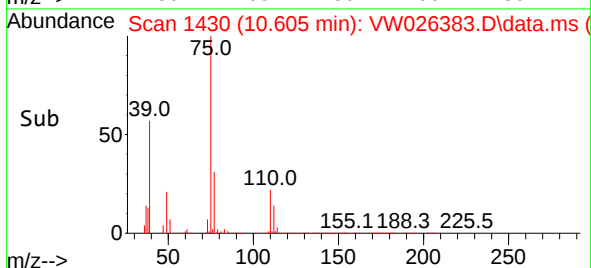
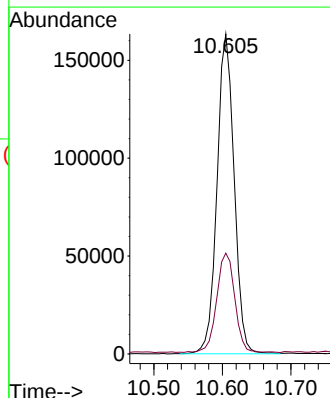
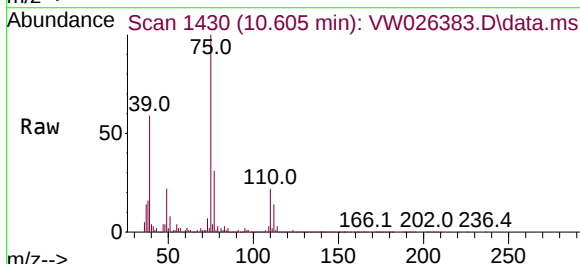
Acq: 28 Jun 2023 03:37

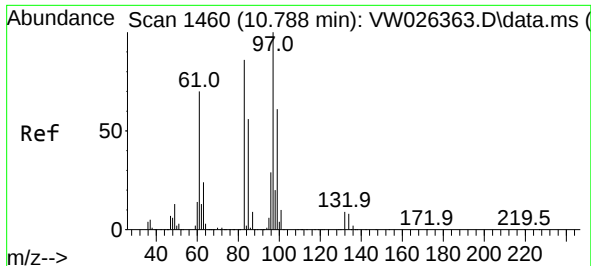
Tgt Ion: 75 Resp: 282823

Ion Ratio Lower Upper

75 100

77 31.5 21.6 40.2

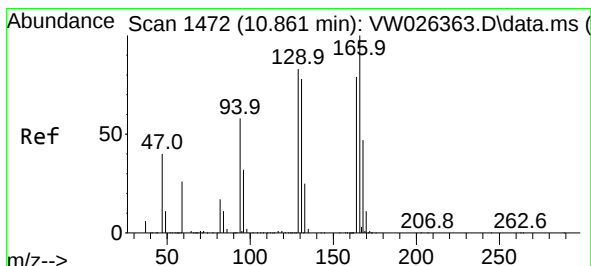
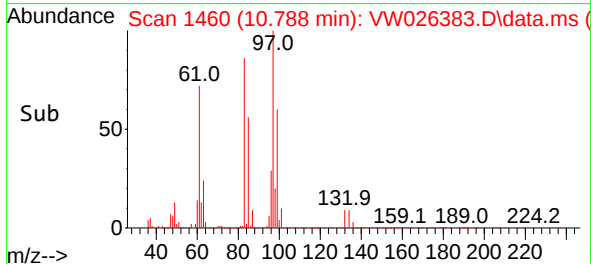
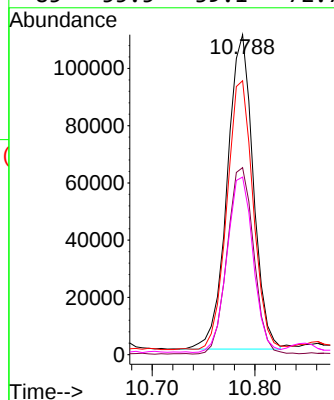
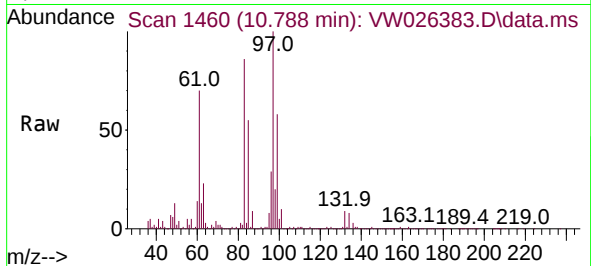




#45
1,1,2-Trichloroethane
Concen: 25.438 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

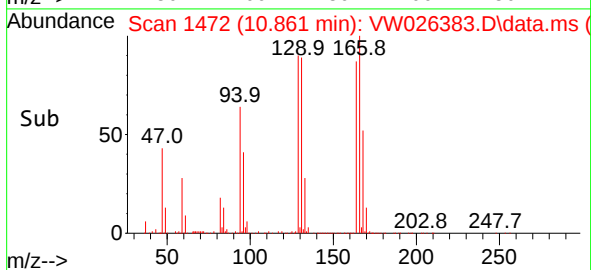
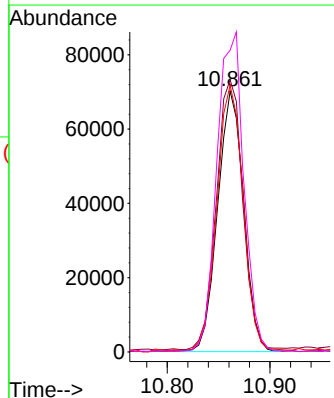
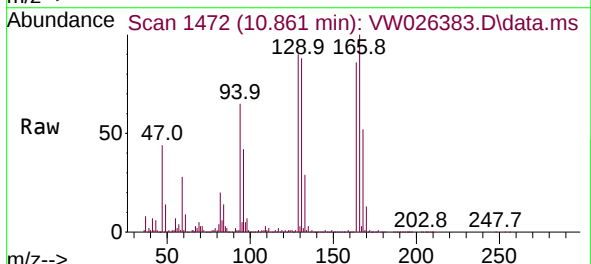
Instrument :
MSVOA_W
ClientSampleId :
A46K5MSD

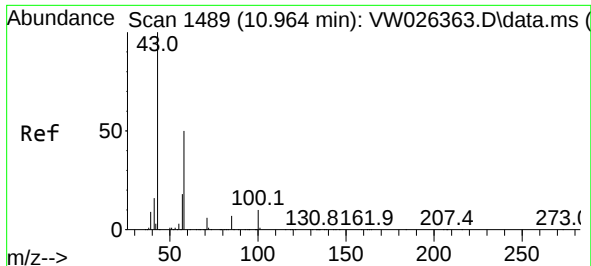
Tgt Ion:	97	Resp:	193626
Ion	Ratio	Lower	Upper
97	100		
99	58.4	42.4	78.6
83	85.6	60.8	113.0
85	55.5	39.1	72.7



#46
Tetrachloroethene
Concen: 16.777 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

Tgt Ion:	164	Resp:	123140
Ion	Ratio	Lower	Upper
164	100		
129	104.3	73.8	137.0
131	102.2	69.0	128.2
166	115.6	91.1	169.3



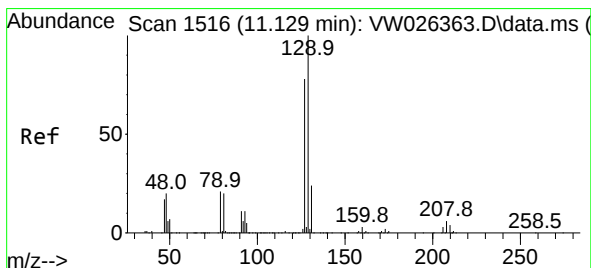
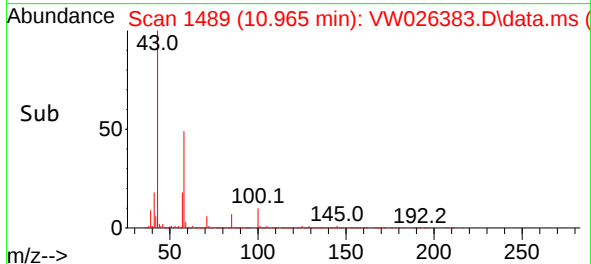
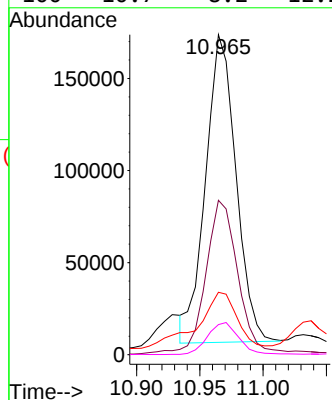
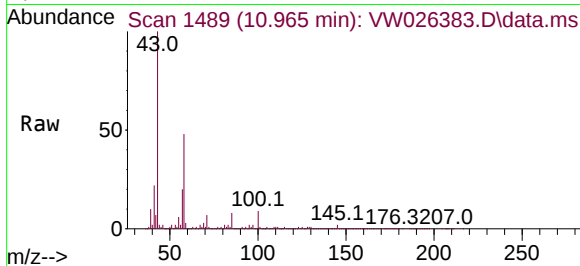


#48
2-Hexanone
Concen: 53.901 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

Instrument :
MSVOA_W
ClientSampleId :
A46K5MSD

Tgt Ion: 43 Resp: 279072

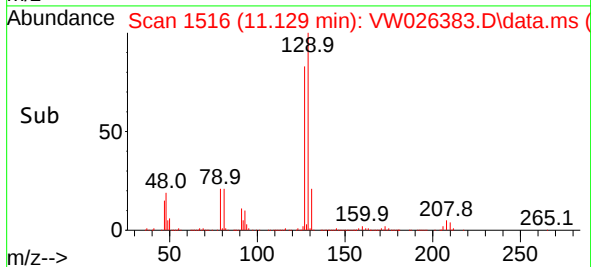
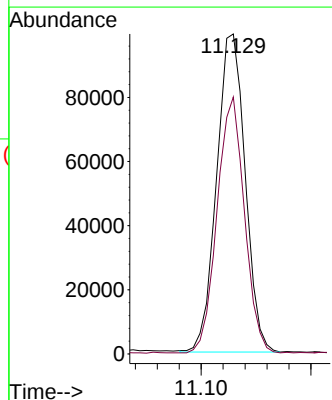
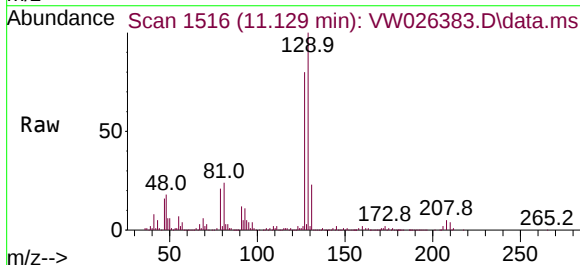
Ion	Ratio	Lower	Upper
43	100		
58	53.6	40.1	60.1
57	17.6	13.4	20.0
100	10.7	8.2	12.2

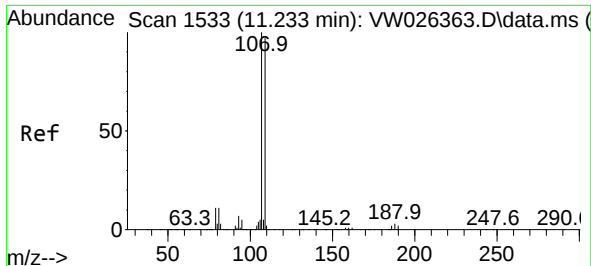


#49
Dibromochloromethane
Concen: 23.021 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

Tgt Ion: 129 Resp: 179424

Ion	Ratio	Lower	Upper
129	100		
127	80.3	54.4	101.0





#50

1,2-Dibromoethane

Concen: 24.607 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

Instrument :

MSVOA_W

ClientSampleId :

A46K5MSD

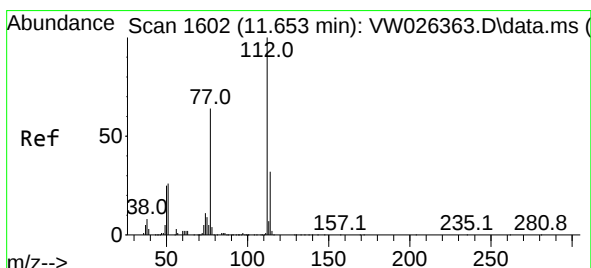
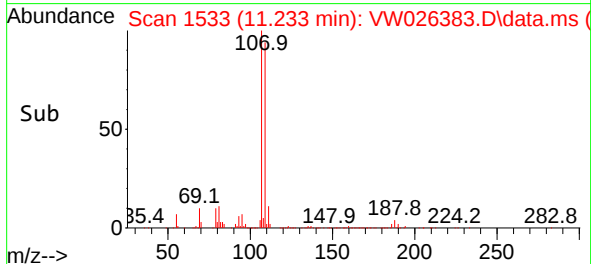
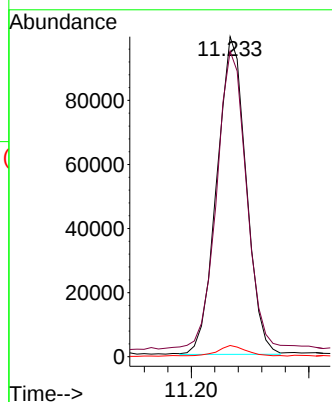
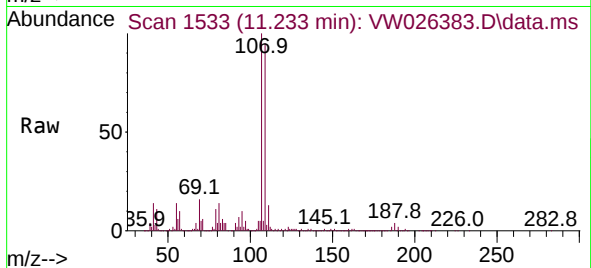
Tgt Ion:107 Resp: 171958

Ion Ratio Lower Upper

107 100

109 95.4 67.1 124.5

188 3.5 2.6 3.8



#51

Chlorobenzene

Concen: 20.028 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

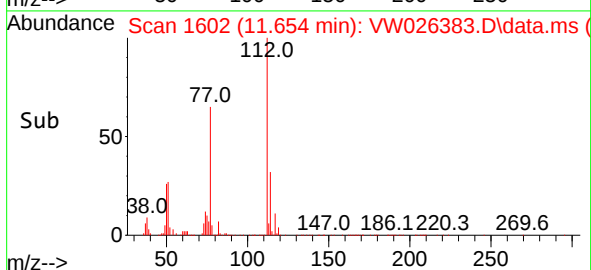
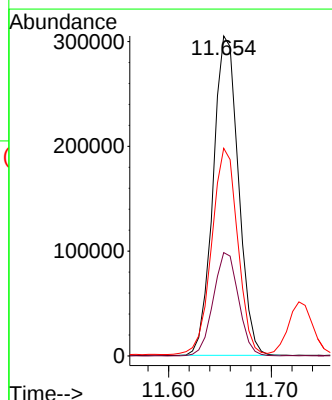
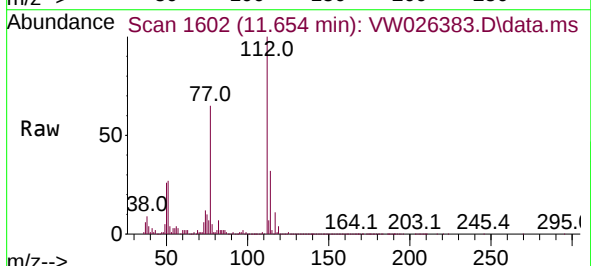
Tgt Ion:112 Resp: 521475

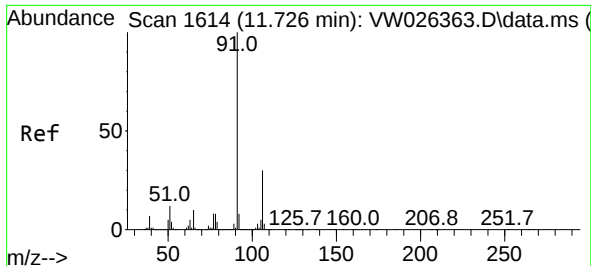
Ion Ratio Lower Upper

112 100

114 32.3 23.0 42.8

77 64.9 53.2 79.8

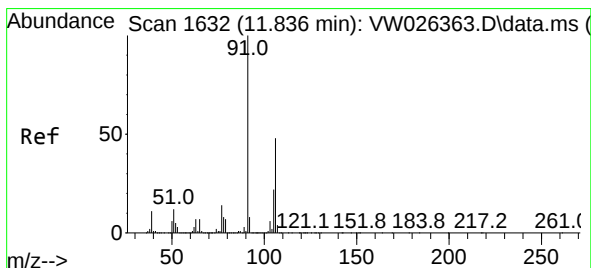
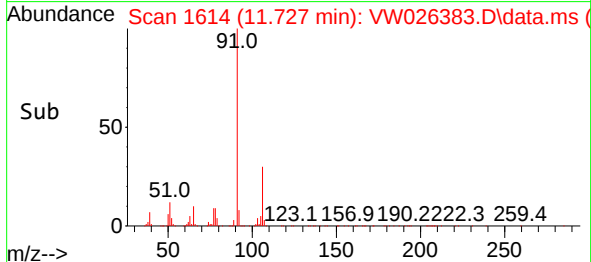
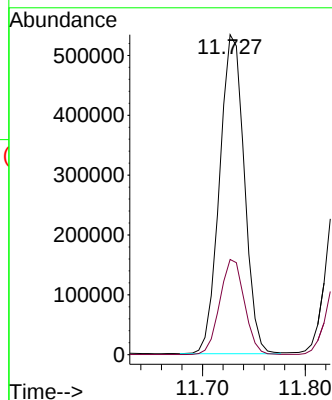
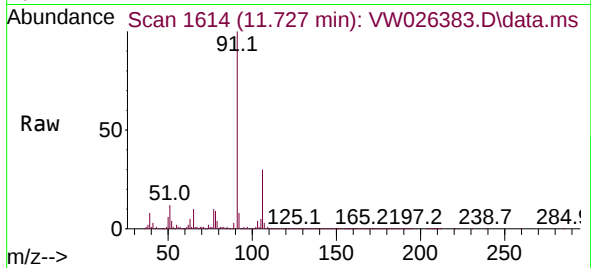




#52
Ethylbenzene
Concen: 19.351 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

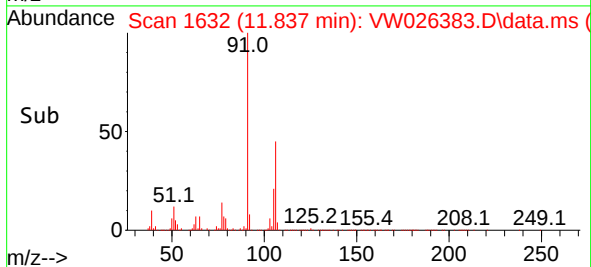
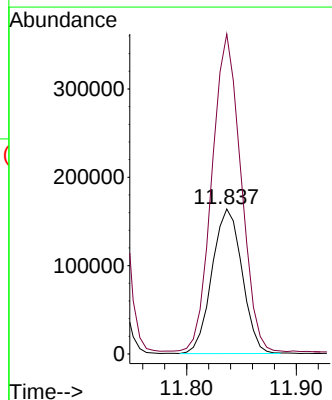
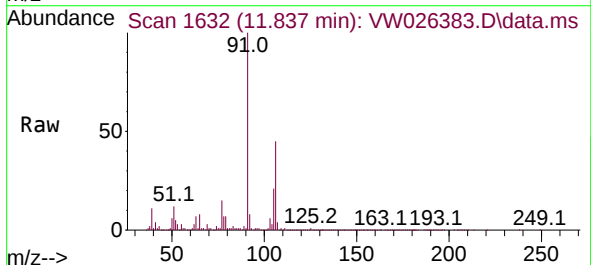
Instrument :
MSVOA_W
ClientSampleId :
A46K5MSD

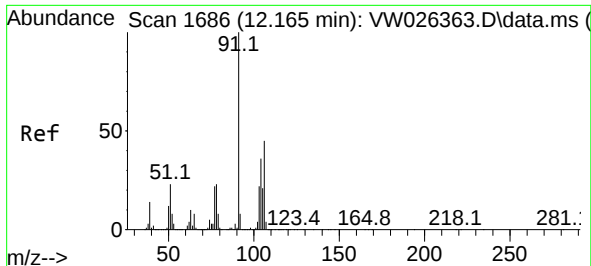
Tgt Ion: 91 Resp: 890042
Ion Ratio Lower Upper
91 100
106 29.7 19.9 36.9



#53
m,p-Xylene
Concen: 18.586 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

Tgt Ion: 106 Resp: 311770
Ion Ratio Lower Upper
106 100
91 220.7 152.1 282.5

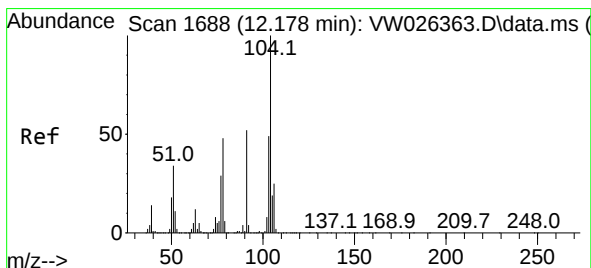
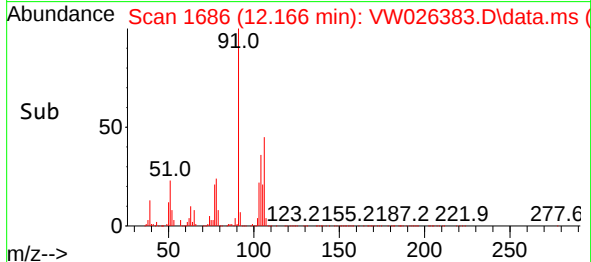
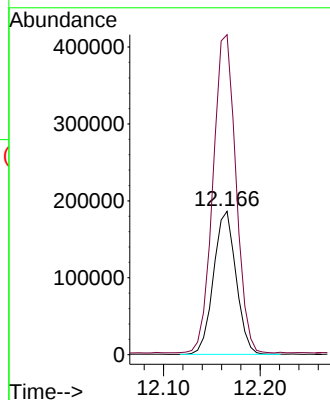
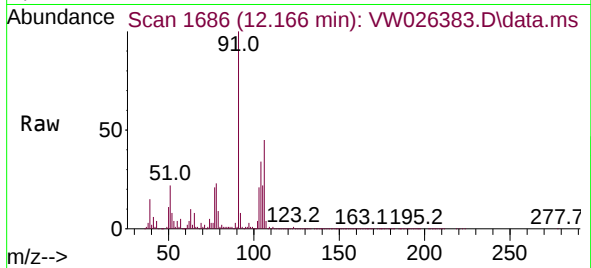




#54
o-Xylene
Concen: 18.971 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

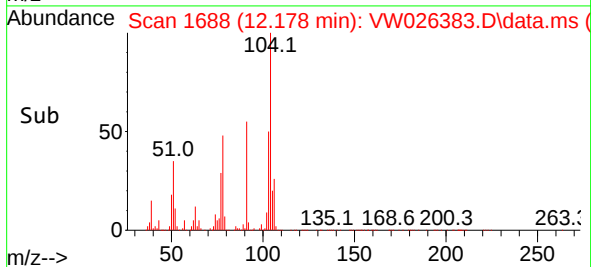
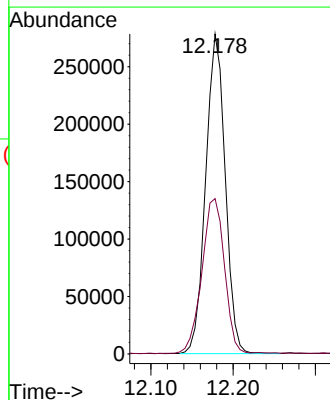
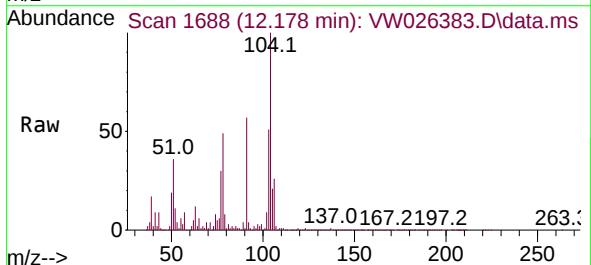
Instrument :
MSVOA_W
ClientSampleId :
A46K5MSD

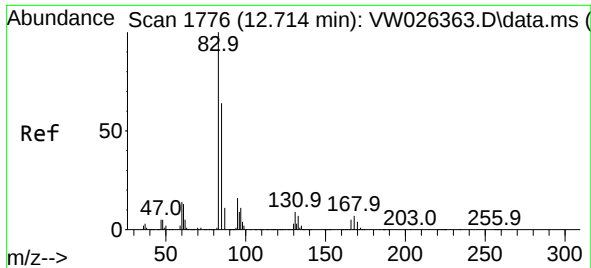
Tgt Ion:106 Resp: 299624
Ion Ratio Lower Upper
106 100
91 223.1 161.5 299.9



#55
Styrene
Concen: 16.677 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

Tgt Ion:104 Resp: 459410
Ion Ratio Lower Upper
104 100
78 48.6 33.3 61.9

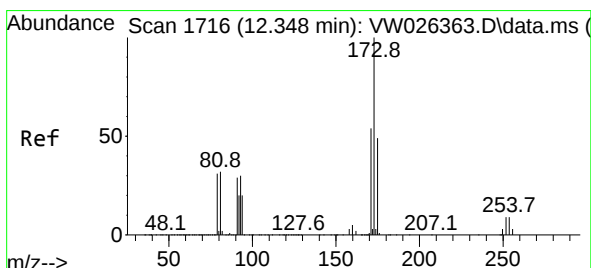
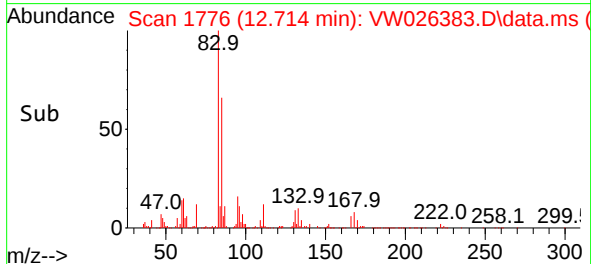
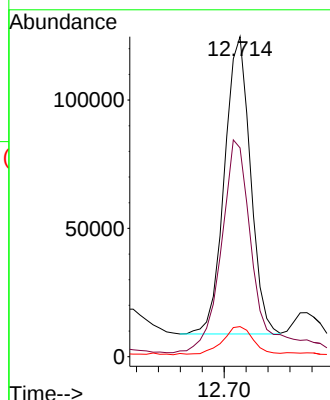
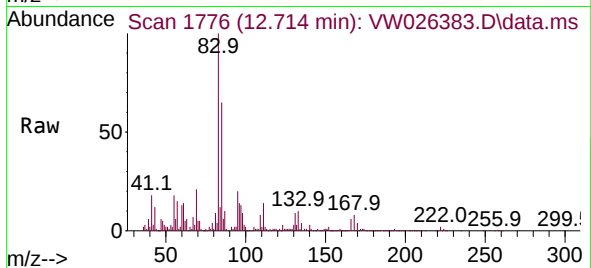




#57
1,1,2,2-Tetrachloroethane
Concen: 19.978 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

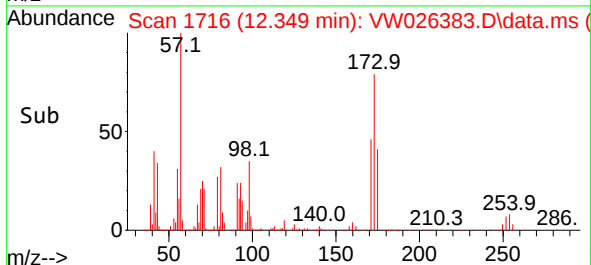
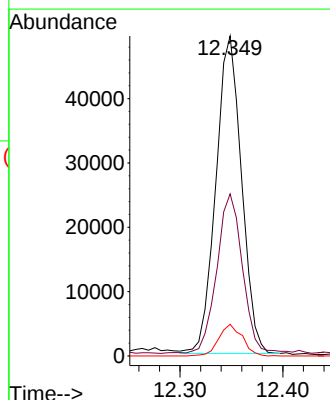
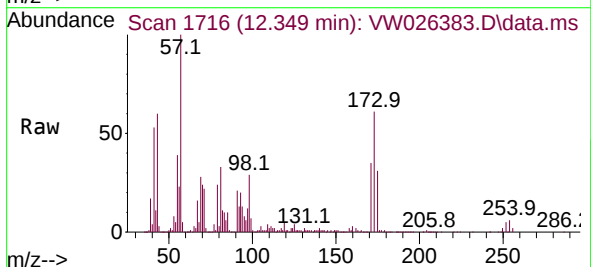
Instrument :
MSVOA_W
ClientSampleId :
A46K5MSD

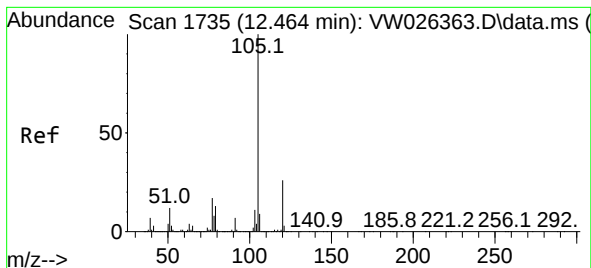
Tgt Ion: 83 Resp: 190080
Ion Ratio Lower Upper
83 100
85 65.2 43.7 81.1
131 9.4 7.4 11.0



#59
Bromoform
Concen: 33.722 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

Tgt Ion: 173 Resp: 85542
Ion Ratio Lower Upper
173 100
175 51.7 39.7 59.5
254 9.1 7.1 10.7





#60

Isopropylbenzene

Concen: 25.387 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

Instrument :

MSVOA_W

ClientSampleId :

A46K5MSD

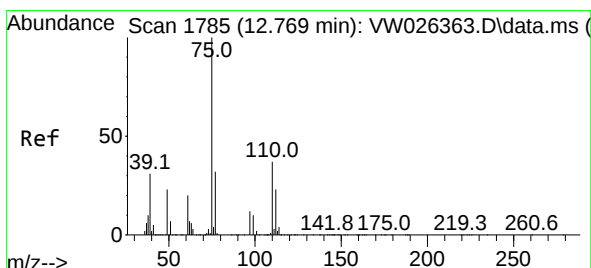
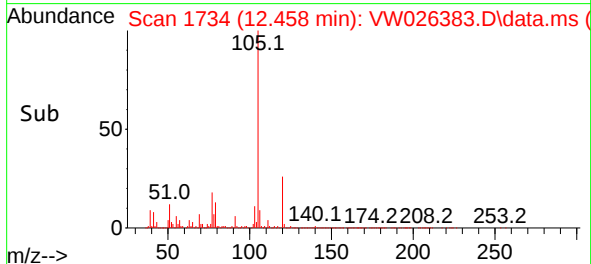
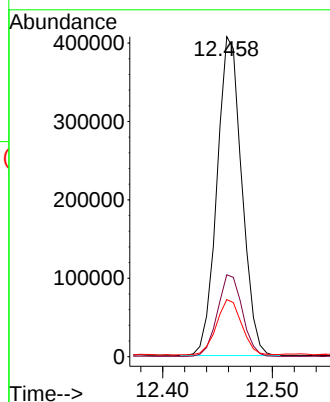
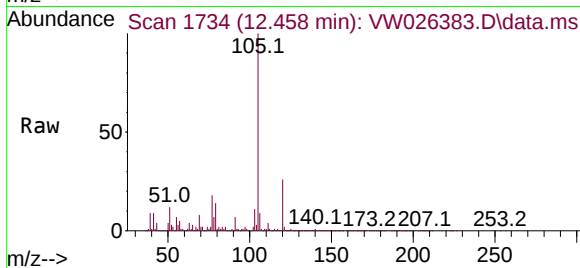
Tgt Ion:105 Resp: 639816

Ion Ratio Lower Upper

105 100

120 25.6 20.4 30.6

77 17.8 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 39.171 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

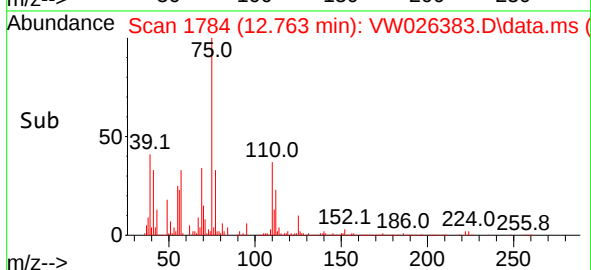
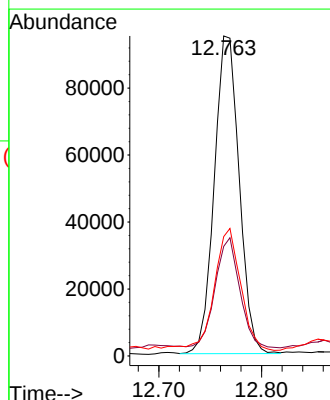
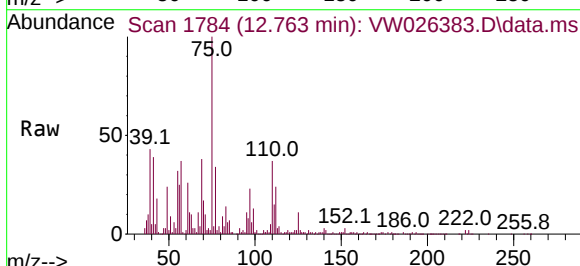
Tgt Ion: 75 Resp: 159665

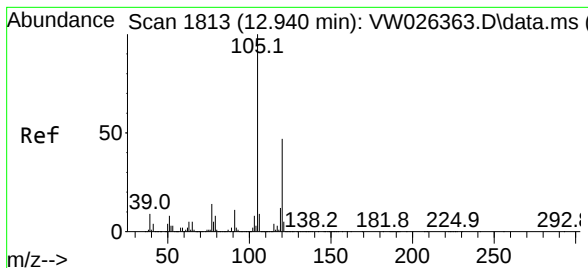
Ion Ratio Lower Upper

75 100

77 34.2 25.9 38.9

110 40.0 29.4 44.0

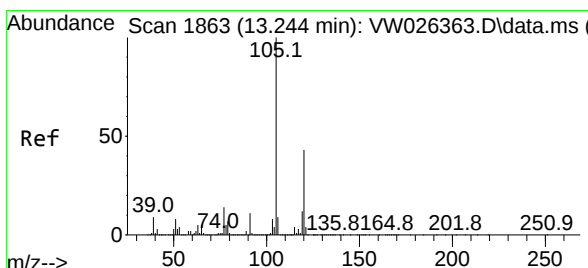
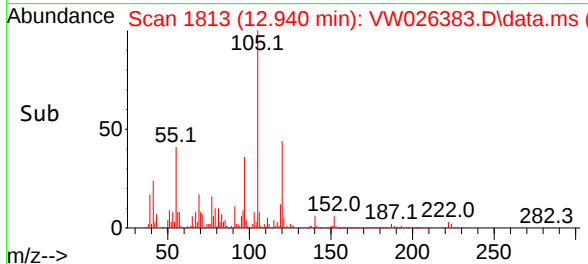
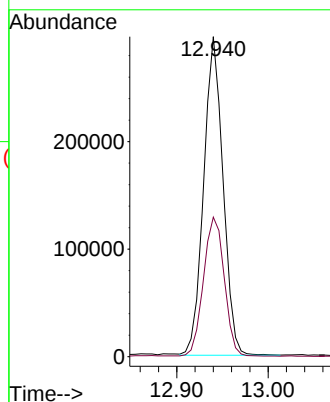
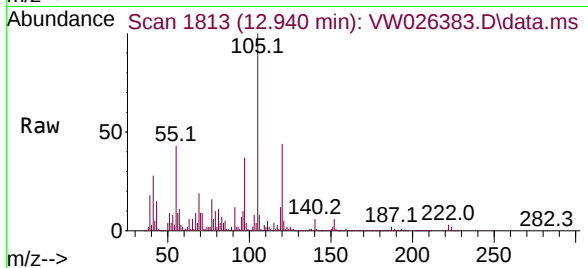




#62
1,3,5-Trimethylbenzene
Concen: 22.288 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

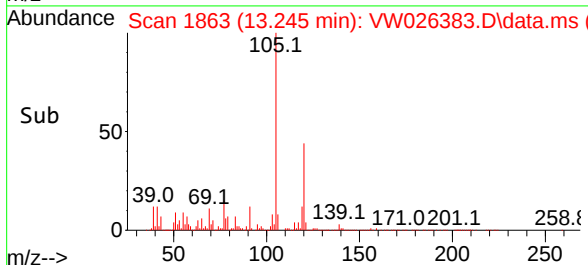
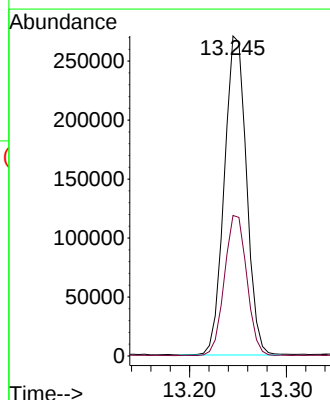
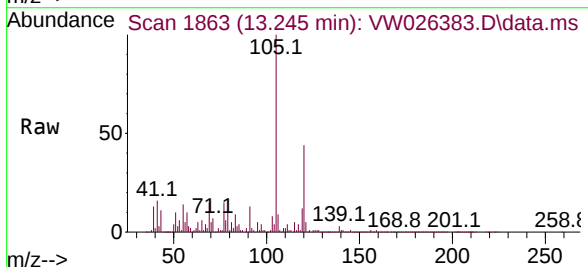
Instrument :
MSVOA_W
ClientSampleId :
A46K5MSD

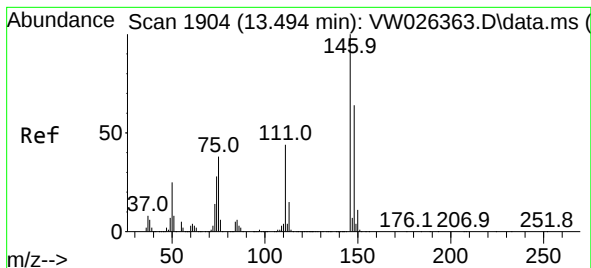
Tgt Ion:105 Resp: 435427
Ion Ratio Lower Upper
105 100
120 46.7 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 22.869 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026383.D
Acq: 28 Jun 2023 03:37

Tgt Ion:105 Resp: 430905
Ion Ratio Lower Upper
105 100
120 44.1 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 18.746 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

Instrument :

MSVOA_W

ClientSampleId :

A46K5MSD

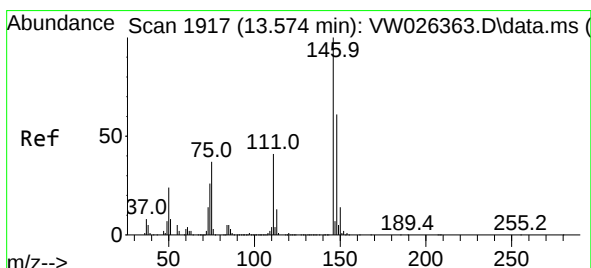
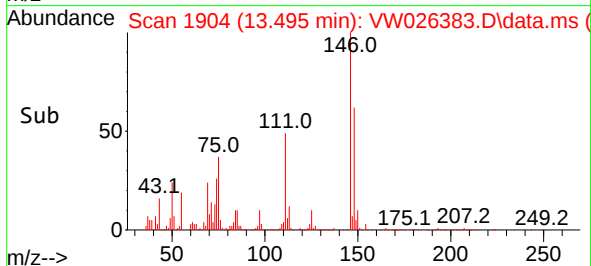
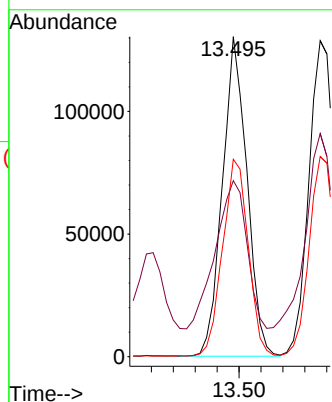
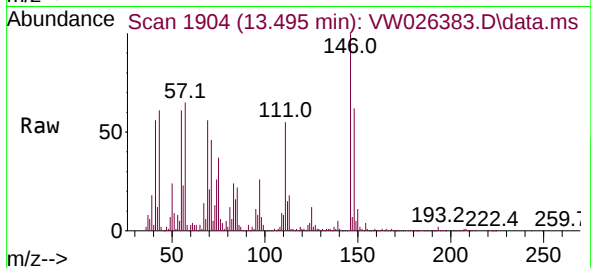
Tgt Ion:146 Resp: 202352

Ion Ratio Lower Upper

146 100

111 55.0 30.8 57.2

148 61.7 43.3 80.3



#65

1,4-Dichlorobenzene

Concen: 19.735 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

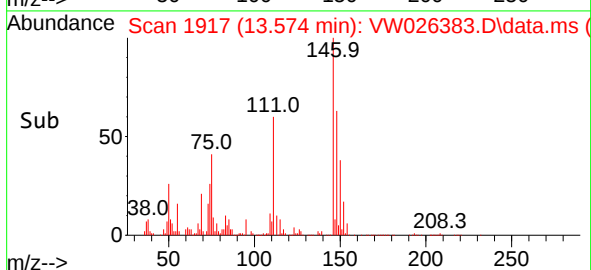
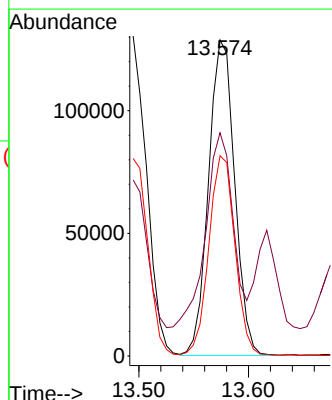
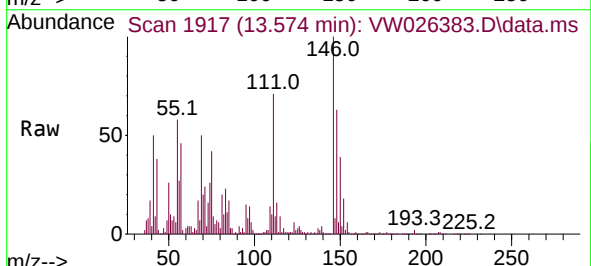
Tgt Ion:146 Resp: 213187

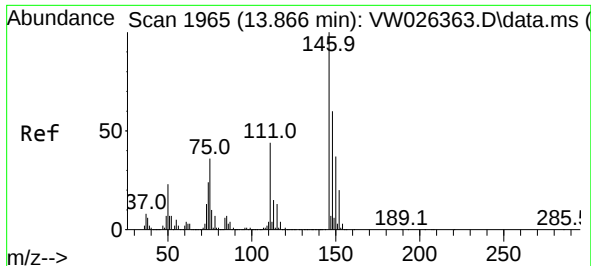
Ion Ratio Lower Upper

146 100

111 70.6 30.0 55.8#

148 63.3 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 19.151 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

Instrument :

MSVOA_W

ClientSampleId :

A46K5MSD

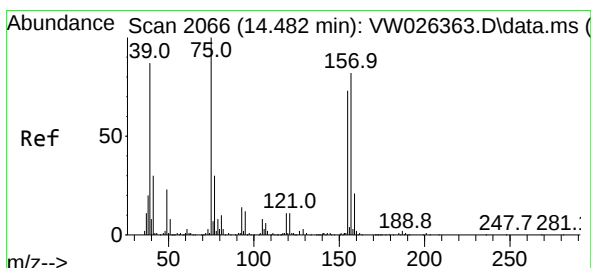
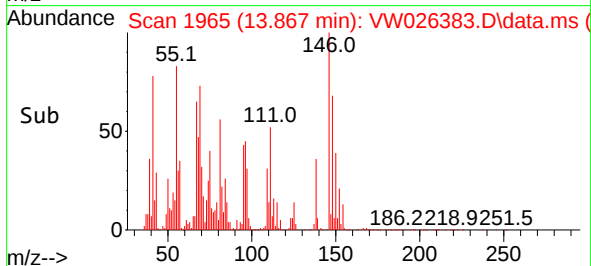
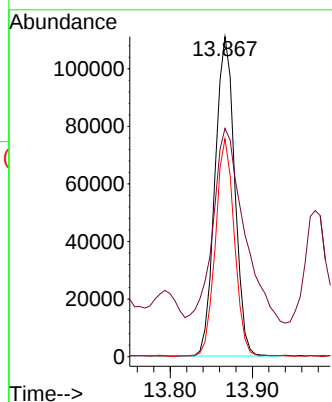
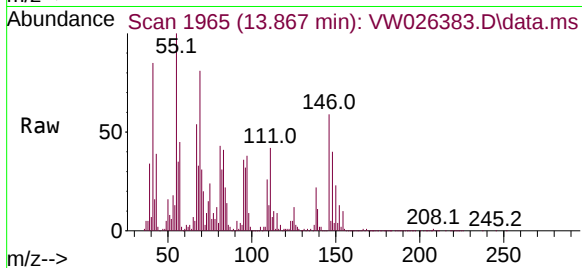
Tgt Ion:146 Resp: 184122

Ion Ratio Lower Upper

146 100

111 71.4 36.0 54.0#

148 68.1 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 30.722 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

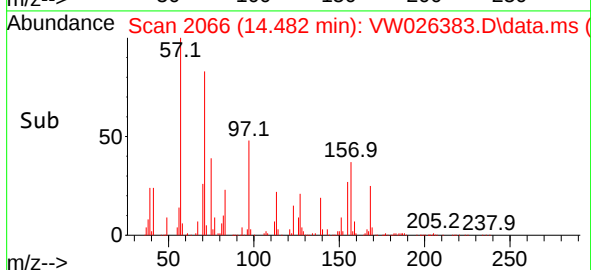
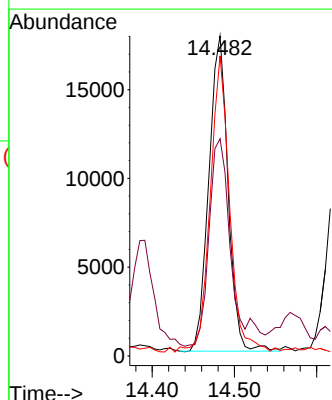
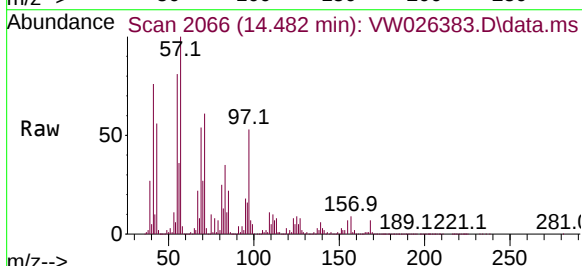
Tgt Ion: 75 Resp: 28862

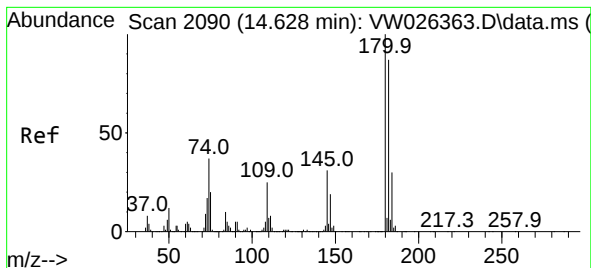
Ion Ratio Lower Upper

75 100

155 67.9 57.5 86.3

157 93.8 73.4 110.0





#69

1,3,5-Trichlorobenzene

Concen: 9.542 ug/L

RT: 14.629 min Scan# 2090

Delta R.T. 0.000 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

Instrument :

MSVOA_W

ClientSampleId :

A46K5MSD

Tgt Ion:180 Resp: 66189

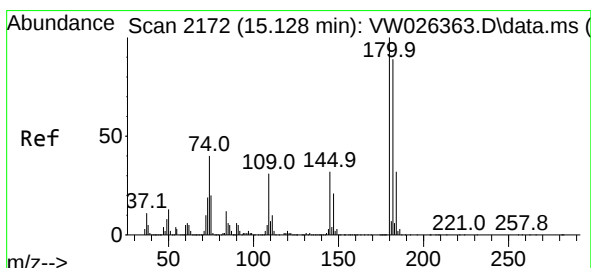
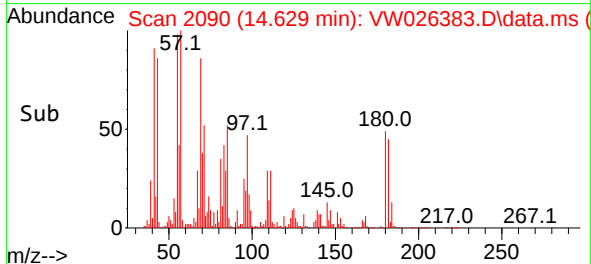
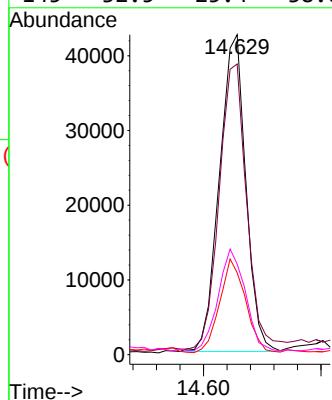
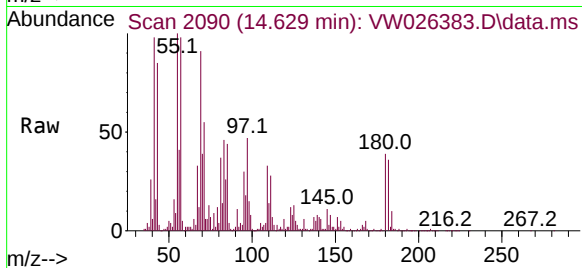
Ion Ratio Lower Upper

180 100

182 93.3 74.2 111.4

184 28.9 23.8 35.6

145 32.5 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 10.021 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

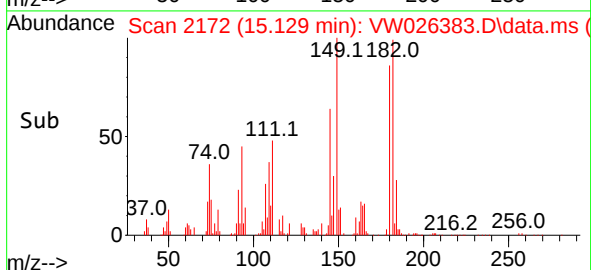
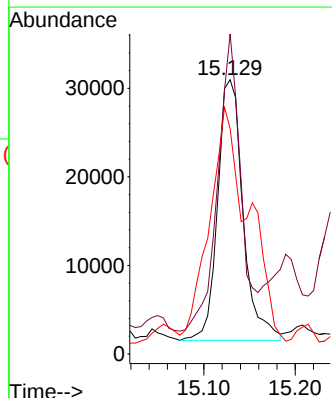
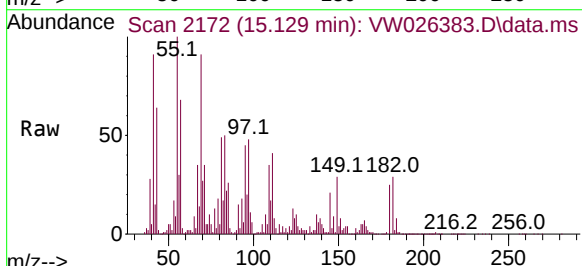
Tgt Ion:180 Resp: 56882

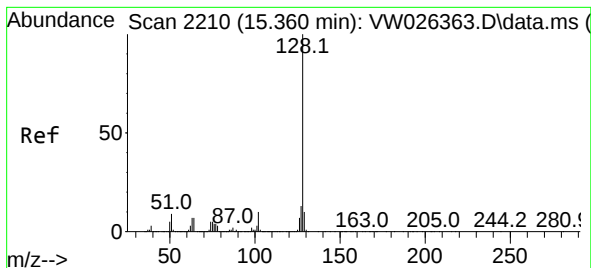
Ion Ratio Lower Upper

180 100

182 102.9 75.6 113.4

145 93.3 24.7 37.1#





#71

Naphthalene

Concen: 17.763 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

Instrument :

MSVOA_W

ClientSampleId :

A46K5MSD

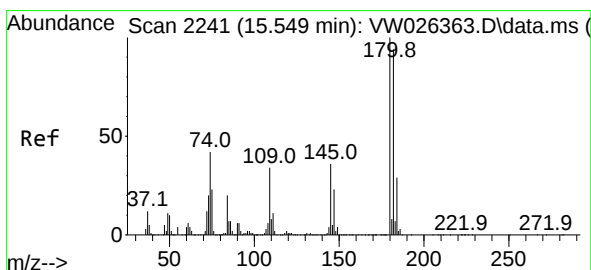
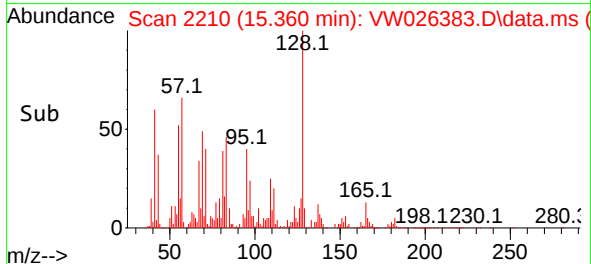
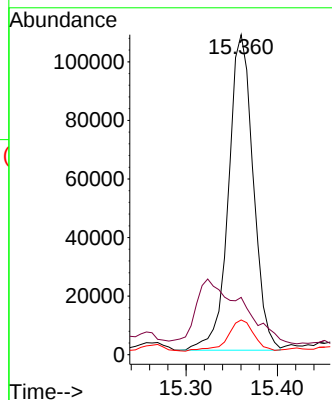
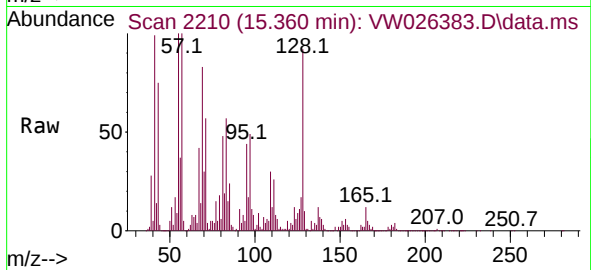
Tgt Ion:128 Resp: 202691

Ion Ratio Lower Upper

128 100

127 23.7 10.9 16.3#

129 10.7 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 0.803 ug/L

RT: 15.720 min Scan# 2269

Delta R.T. 0.171 min

Lab File: VW026383.D

Acq: 28 Jun 2023 03:37

Tgt Ion:180 Resp: 4255

Ion Ratio Lower Upper

180 100

182 107.6 75.0 112.6

145 41.6 28.5 42.7

