

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026382.D
 Acq On : 28 Jun 2023 03:13
 Operator : SY/MD
 Sample : 03420-22MS
 Misc : 5.37g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46K5MS

Quant Time: Jun 28 05:57:30 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	934336	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	661588	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	180468	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	322385	23.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.000%
7) Chloroethane-d5	2.893	69	259351	26.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.520%
11) 1,1-Dichloroethene-d2	4.021	65	145754	23.718	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.880%
21) 2-Butanone-d5	7.075	46	188031	44.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.160%
24) Chloroform-d	7.648	84	561039	21.191	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.760%
26) 1,2-Dichloroethane-d4	8.307	65	325660	21.891	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.560%
32) Benzene-d6	8.276	84	1102902	26.932	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.720%
36) 1,2-Dichloropropane-d6	9.276	67	343621	25.823	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.280%
41) Toluene-d8	10.325	98	874014	24.384	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.520%
43) trans-1,3-Dichloroprop...	10.575	79	107098	20.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.200%
47) 2-Hexanone-d5	10.922	63	122323	59.856	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	215512	20.571	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.280%
66) 1,2-Dichlorobenzene-d4	13.854	152	127667	20.317	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	235239	20.945	ug/L	# 85
3) Chloromethane	2.228	50	316553	19.492	ug/L	97
5) Vinyl chloride	2.375	62	329022	19.485	ug/L	100
6) Bromomethane	2.783	94	164659	17.766	ug/L	94
8) Chloroethane	2.930	64	202868	22.405	ug/L	98
9) Trichlorofluoromethane	3.265	101	237757	19.962	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	205341	15.926	ug/L	96
12) 1,1-Dichloroethene	4.045	96	226477	18.746	ug/L	93
13) Acetone	4.118	43	321252	94.084	ug/L	99
14) Carbon disulfide	4.393	76	643023	15.063	ug/L	100
15) Methyl Acetate	4.667	43	139988	17.884	ug/L	99
16) Methylene chloride	4.923	84	252889	15.994	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	221724	16.698	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	446823	21.515	ug/L	98
19) 1,1-Dichloroethane	6.222	63	512461	18.427	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	256515	17.876	ug/L	95
22) 2-Butanone	7.167	43	272074	52.077	ug/L	99
23) Bromochloromethane	7.514	128	108594	17.643	ug/L	94
25) Chloroform	7.679	83	475389	18.445	ug/L	100

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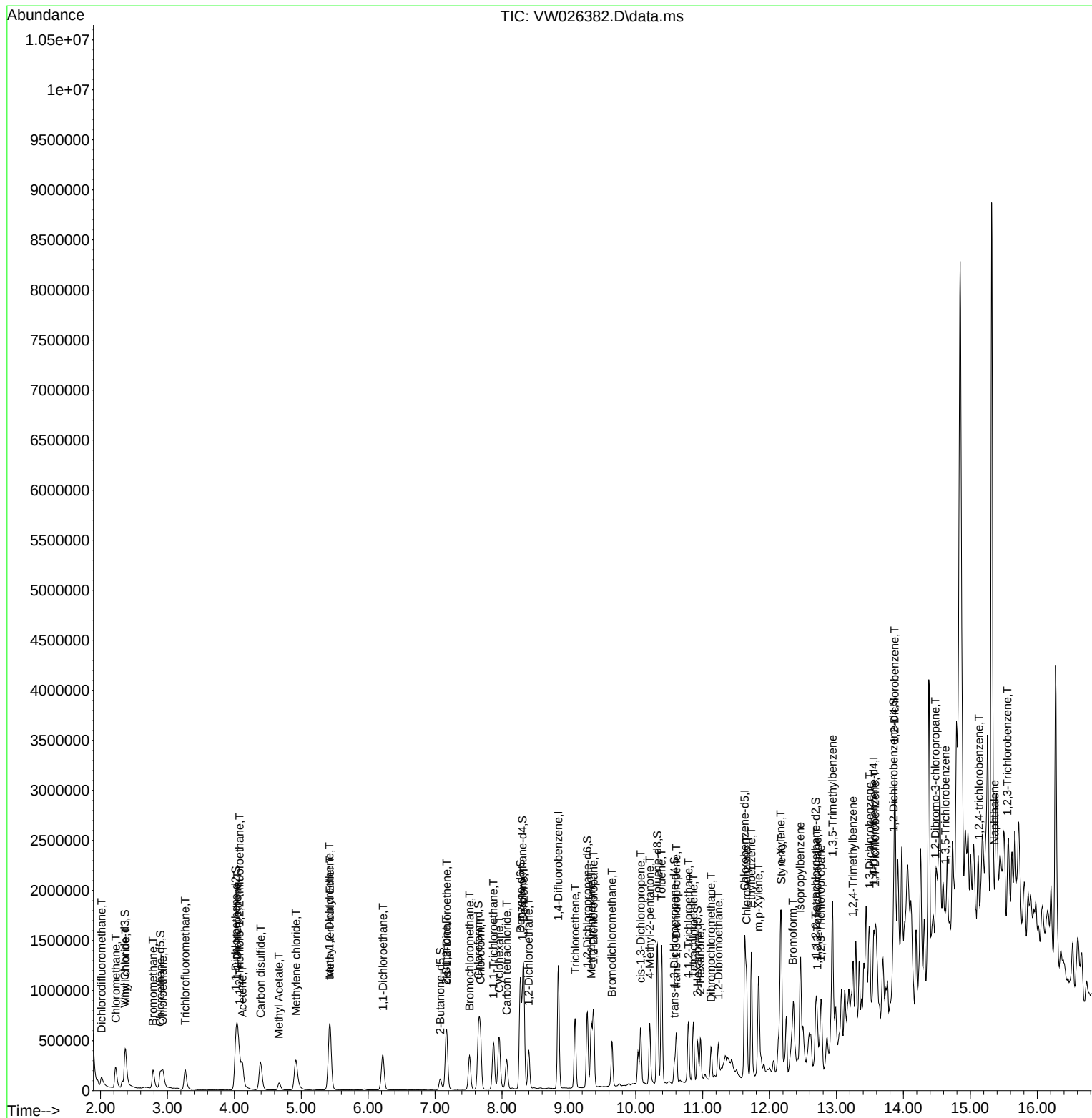
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	351613	18.975	ug/L	97
29) Cyclohexane	7.959	56	316828	16.584	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	368980	23.055	ug/L	100
31) Carbon tetrachloride	8.069	117	218544	15.190	ug/L	98
33) Benzene	8.325	78	1023764	22.909	ug/L	100
34) Trichloroethene	9.093	95	237883	20.790	ug/L	98
35) Methylcyclohexane	9.337	83	235377	11.996	ug/L	98
37) 1,2-Dichloropropane	9.367	63	269925	21.619	ug/L	99
38) Bromodichloromethane	9.642	83	293070	20.440	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	310077	17.334	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	421356	52.284	ug/L	99
42) Toluene	10.386	91	940467	20.978	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	253987	16.821	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	183440	21.943	ug/L	97
46) Tetrachloroethene	10.861	164	120348	14.930	ug/L	97
48) 2-Hexanone	10.965	43	269731	47.435	ug/L	95
49) Dibromochloromethane	11.123	129	161029	18.812	ug/L	98
50) 1,2-Dibromoethane	11.233	107	160954	20.971	ug/L	99
51) Chlorobenzene	11.654	112	486816	17.024	ug/L	99
52) Ethylbenzene	11.727	91	854993	16.925	ug/L	98
53) m,p-Xylene	11.837	106	295085	16.017	ug/L	91
54) o-Xylene	12.166	106	285076	16.434	ug/L	88
55) Styrene	12.178	104	418442	13.831	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	177108	16.949	ug/L	96
59) Bromoform	12.349	173	78041	28.586	ug/L	98
60) Isopropylbenzene	12.458	105	609858	22.484	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	150190	34.236	ug/L	92
62) 1,3,5-Trimethylbenzene	12.940	105	396790	18.872	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	398790	19.665	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	184770	15.905	ug/L #	81
65) 1,4-Dichlorobenzene	13.574	146	189168	16.271	ug/L #	64
67) 1,2-Dichlorobenzene	13.867	146	166918	16.132	ug/L #	72
68) 1,2-Dibromo-3-chloropr...	14.476	75	24863	24.590	ug/L	84
69) 1,3,5-Trichlorobenzene	14.629	180	61074	8.181	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	49078	8.033	ug/L #	46
71) Naphthalene	15.360	128	177571	14.459	ug/L #	79
72) 1,2,3-Trichlorobenzene	15.555	180	40553	7.110	ug/L #	44

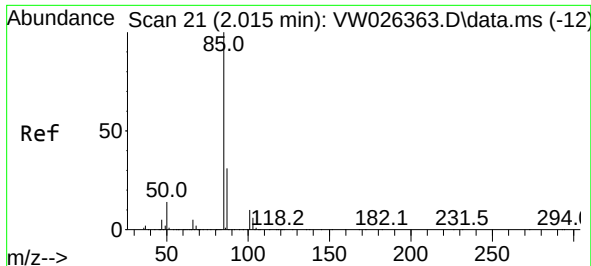
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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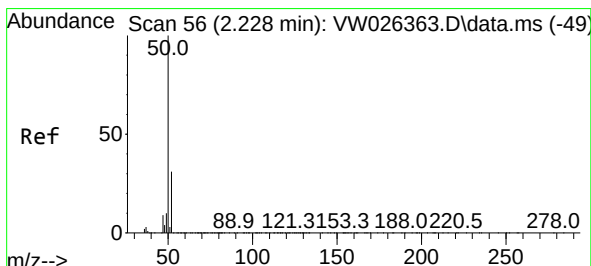
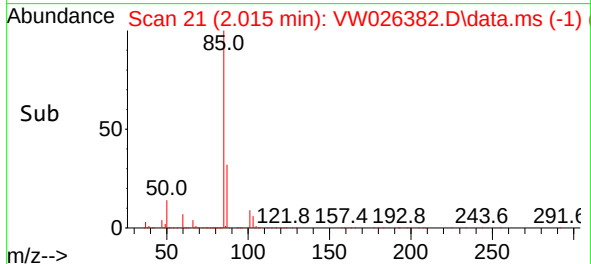
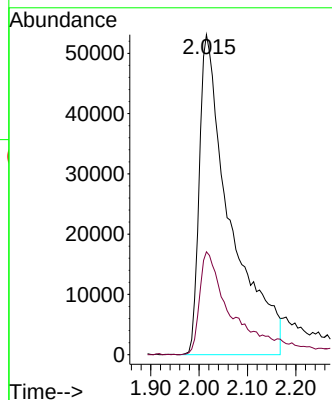
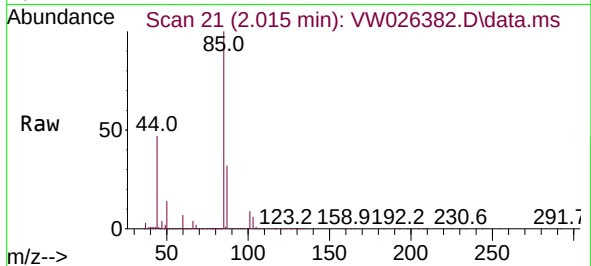




#2
 Dichlorodifluoromethane
 Concen: 20.945 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026382.D
 Acq: 28 Jun 2023 03:13

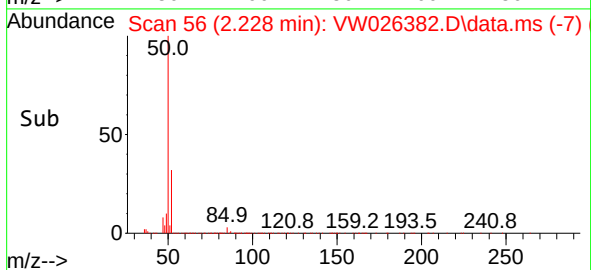
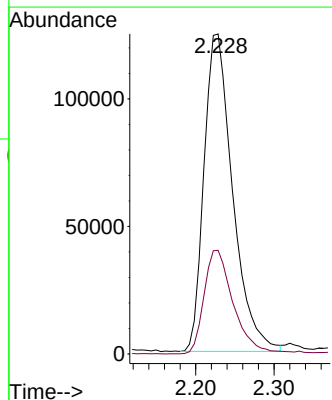
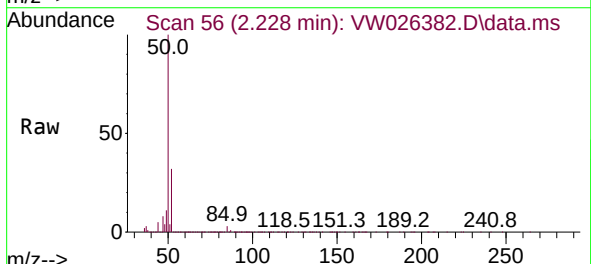
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 ClientSampleId :
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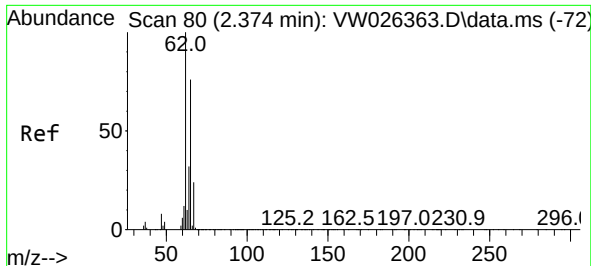
Tgt Ion: 85 Resp: 235239
 Ion Ratio Lower Upper
 85 100
 87 23.2 25.2 37.8#



#3
 Chloromethane
 Concen: 19.492 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW026382.D
 Acq: 28 Jun 2023 03:13

Tgt Ion: 50 Resp: 316553
 Ion Ratio Lower Upper
 50 100
 52 32.4 21.4 39.8

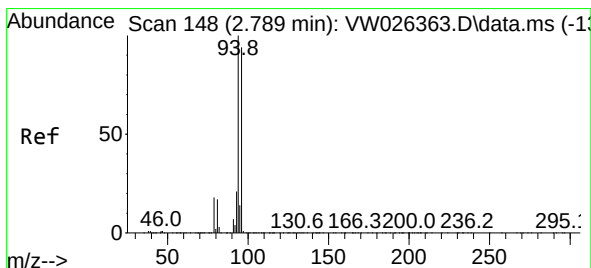
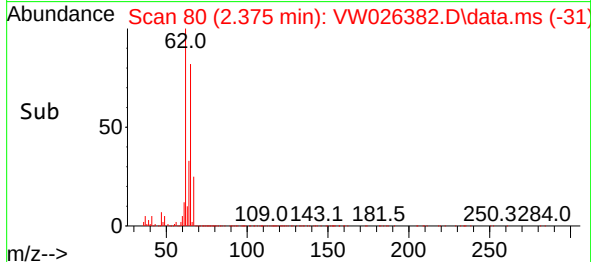
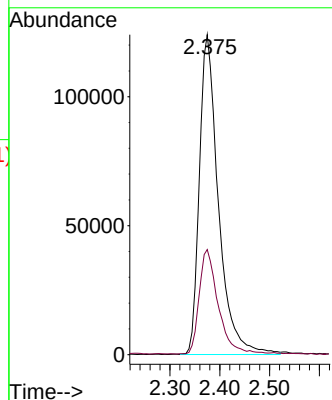
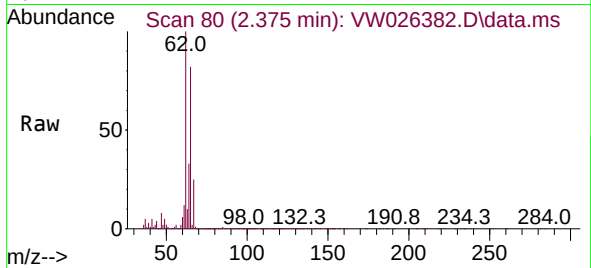




#5
 Vinyl chloride
 Concen: 19.485 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026382.D
 Acq: 28 Jun 2023 03:13

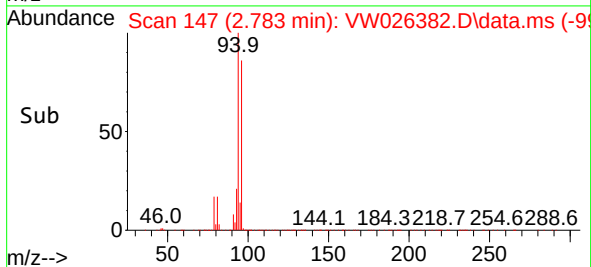
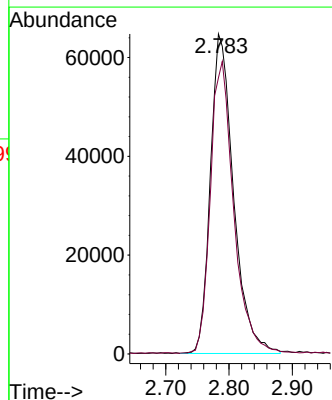
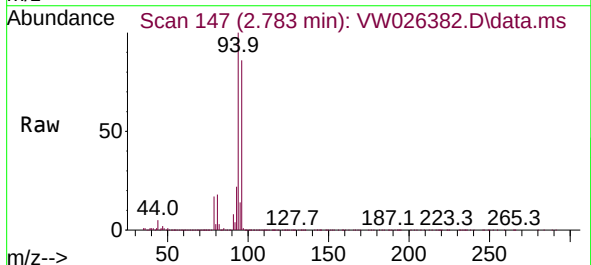
Instrument :
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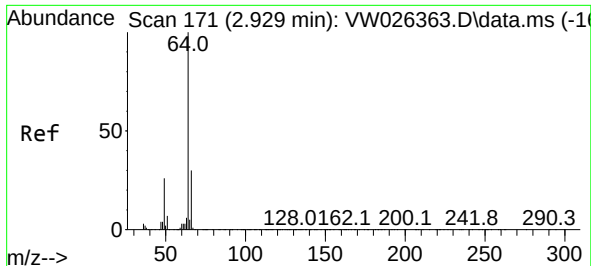
Tgt Ion: 62 Resp: 329022
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.0 42.8



#6
 Bromomethane
 Concen: 17.766 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026382.D
 Acq: 28 Jun 2023 03:13

Tgt Ion: 94 Resp: 164659
 Ion Ratio Lower Upper
 94 100
 96 86.3 64.6 120.0

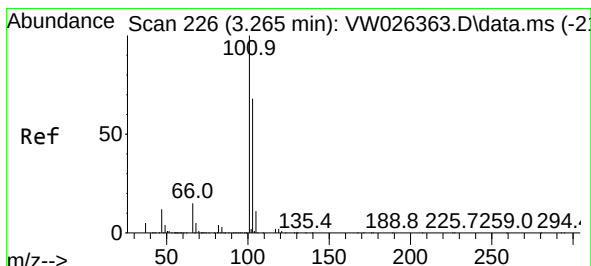
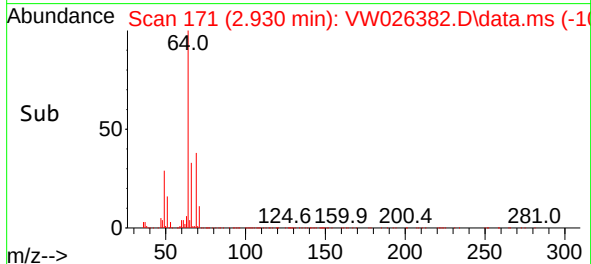
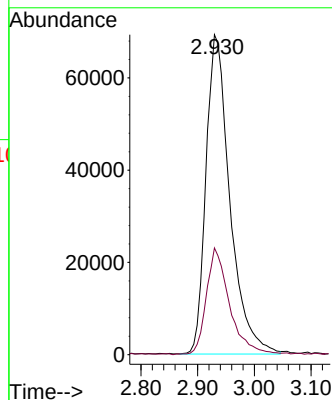
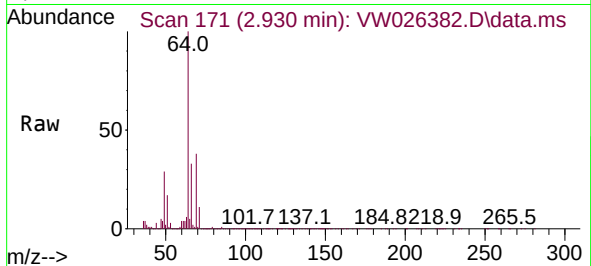




#8
Chloroethane
Concen: 22.405 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

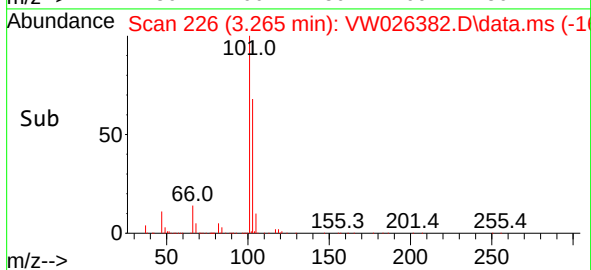
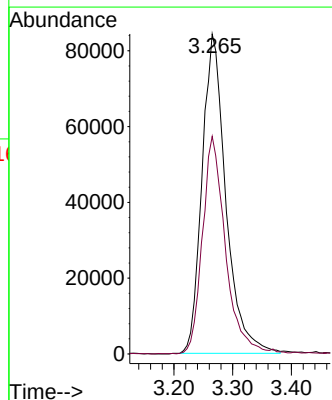
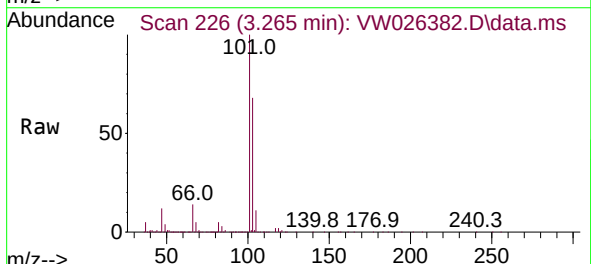
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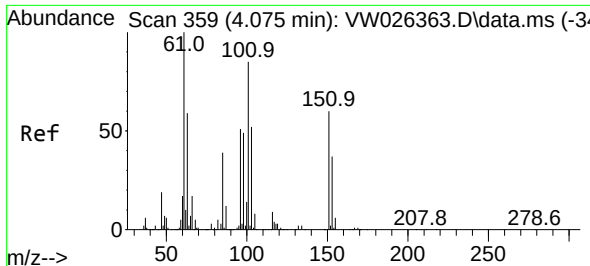
Tgt Ion: 64 Resp: 202868
Ion Ratio Lower Upper
64 100
66 33.3 22.5 41.7



#9
Trichlorofluoromethane
Concen: 19.962 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

Tgt Ion: 101 Resp: 237757
Ion Ratio Lower Upper
101 100
103 65.3 52.9 79.3

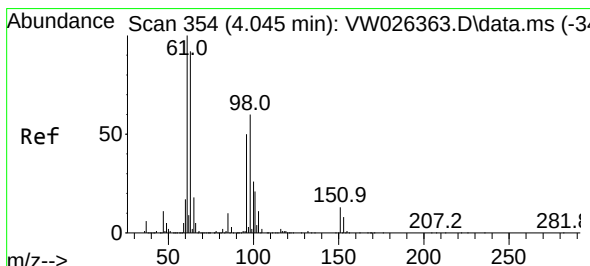
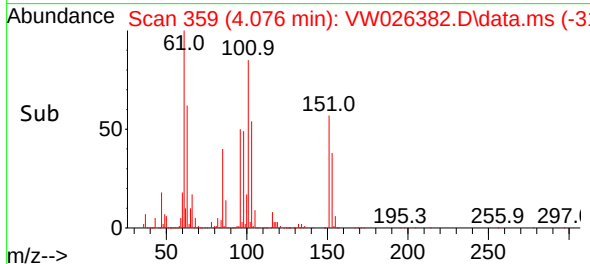
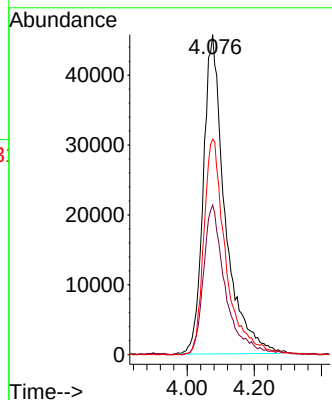
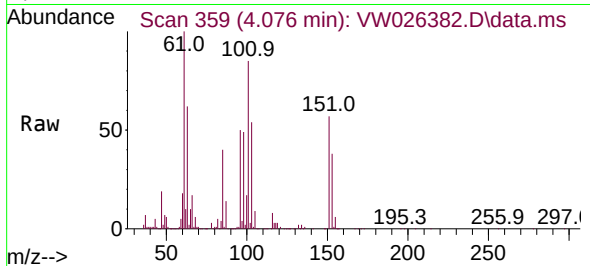




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.926 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW026382.D
 Acq: 28 Jun 2023 03:13

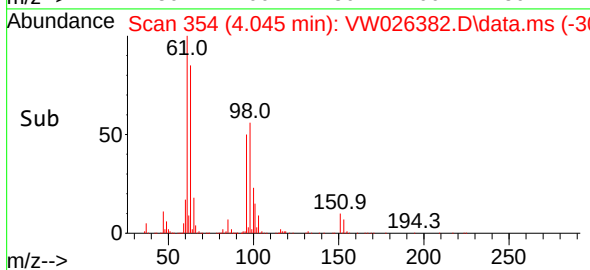
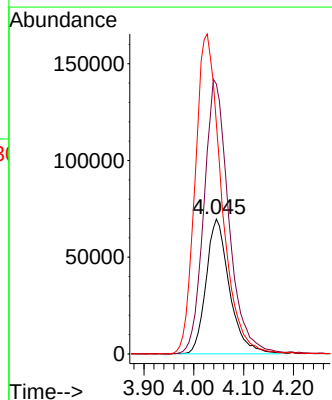
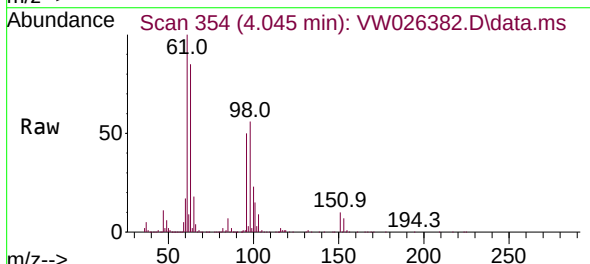
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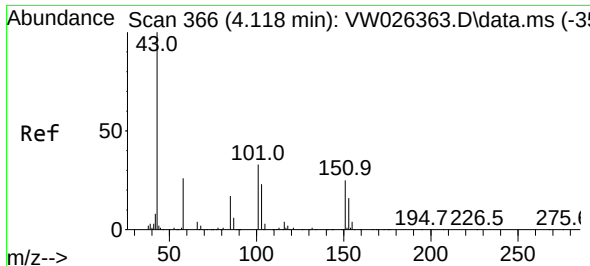
Tgt Ion:101 Resp: 205341
 Ion Ratio Lower Upper
 101 100
 85 46.0 35.4 53.0
 151 66.8 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 18.746 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026382.D
 Acq: 28 Jun 2023 03:13

Tgt Ion: 96 Resp: 226477
 Ion Ratio Lower Upper
 96 100
 61 200.1 134.3 249.3
 63 170.9 112.3 208.5

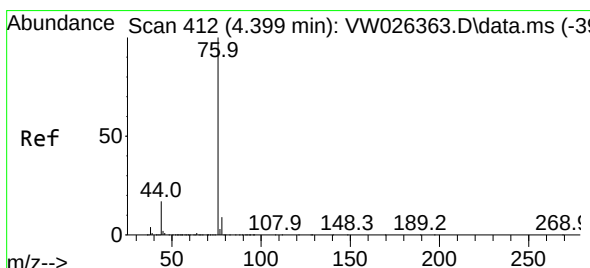
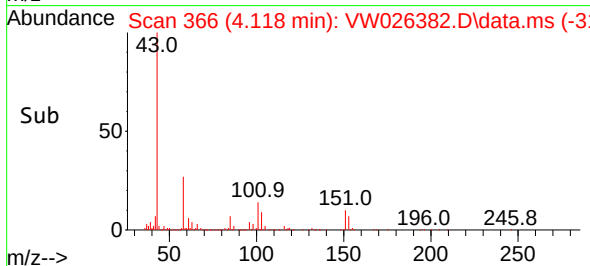
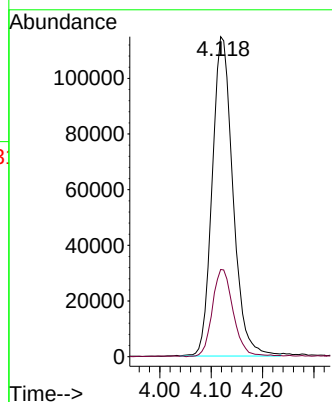
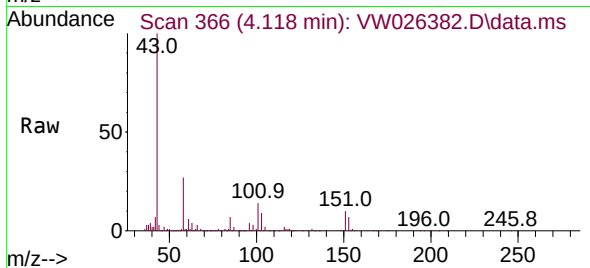




#13
Acetone
Concen: 94.084 ug/L
RT: 4.118 min Scan# 301
Delta R.T. 0.000 min
Lab File: VW026382.D
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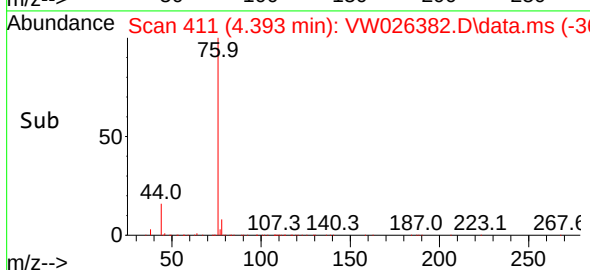
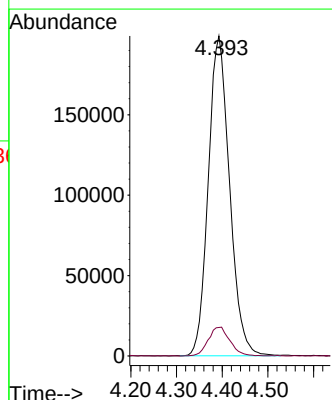
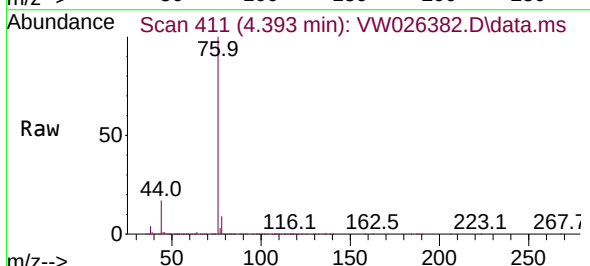
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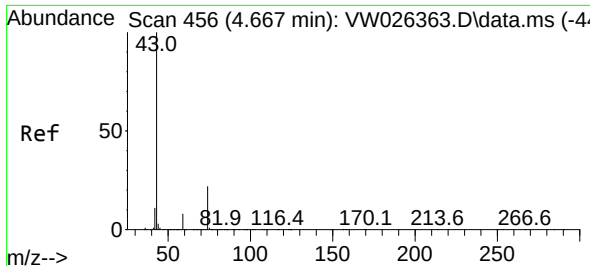
Tgt Ion: 43 Resp: 321252
Ion Ratio Lower Upper
43 100
58 27.3 0.0 55.8



#14
Carbon disulfide
Concen: 15.063 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 643023
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

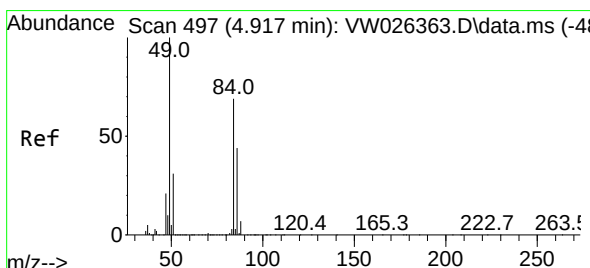
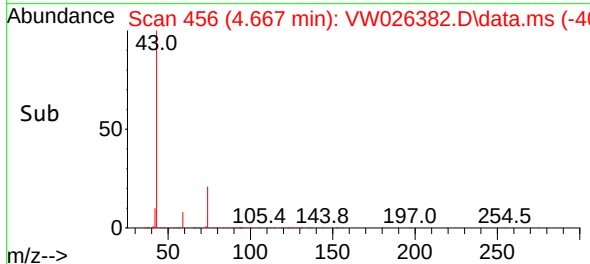
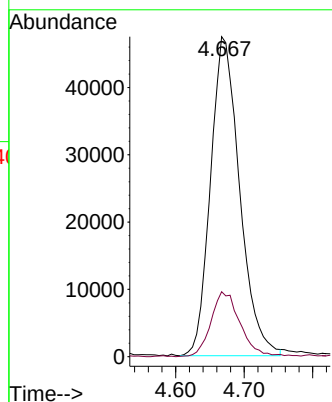
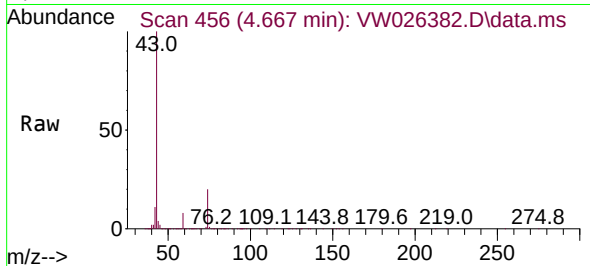




#15
Methyl Acetate
Concen: 17.884 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

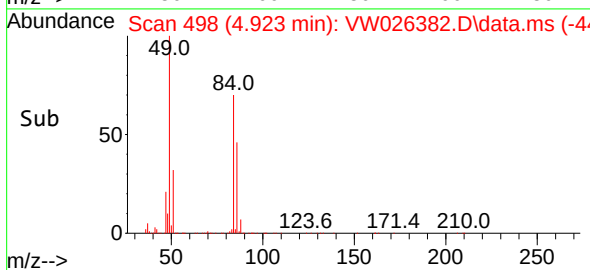
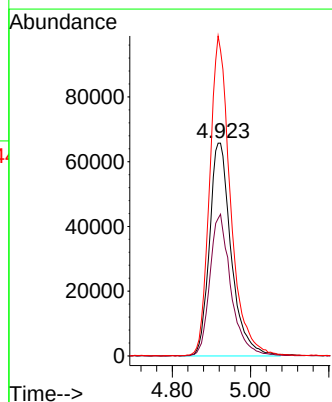
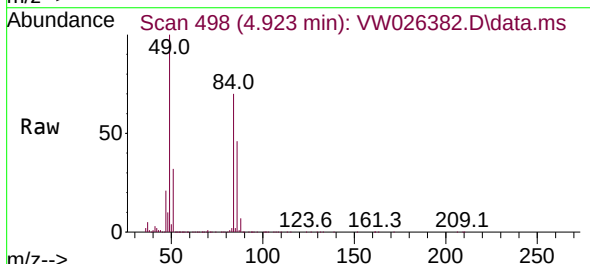
Instrument :
MSVOA_W
ClientSampleId :
A46K5MS

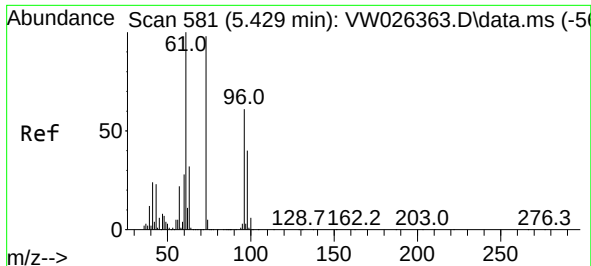
Tgt Ion: 43 Resp: 139988
Ion Ratio Lower Upper
43 100
74 20.1 16.3 24.5



#16
Methylene chloride
Concen: 15.994 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

Tgt Ion: 84 Resp: 252889
Ion Ratio Lower Upper
84 100
86 66.6 43.9 81.5
49 143.6 100.4 186.4

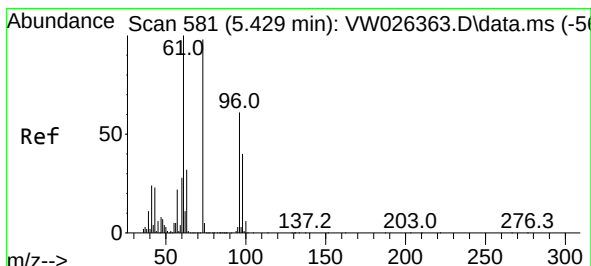
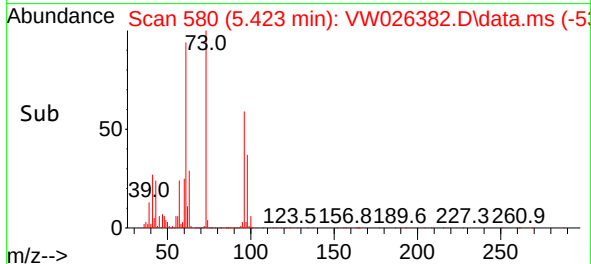
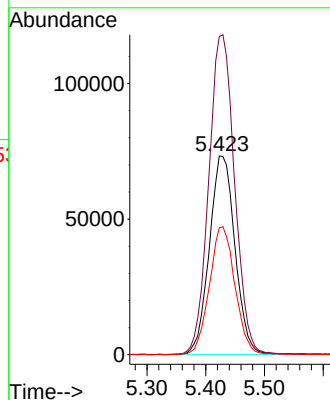
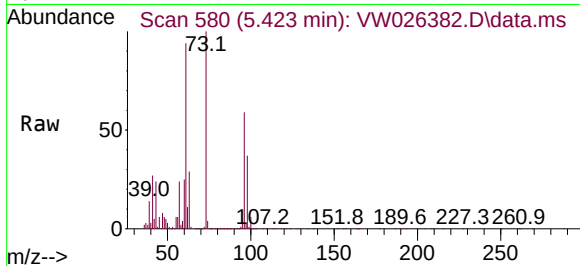




#17
trans-1,2-Dichloroethene
Concen: 16.698 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

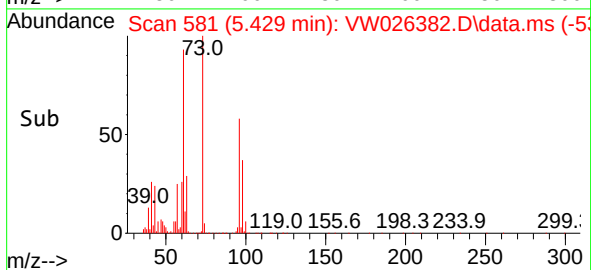
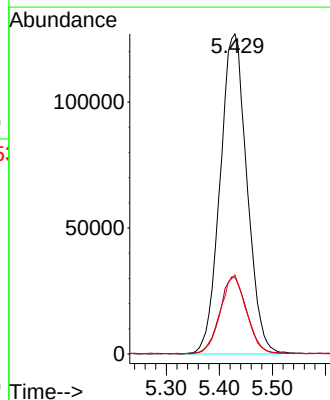
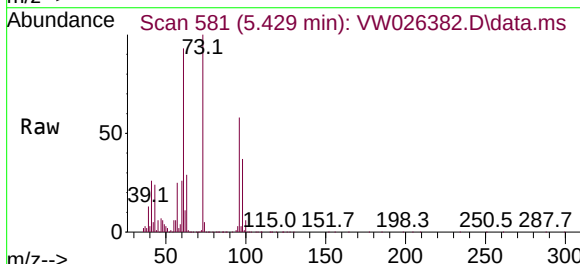
Instrument :
MSVOA_W
ClientSampleId :
A46K5MS

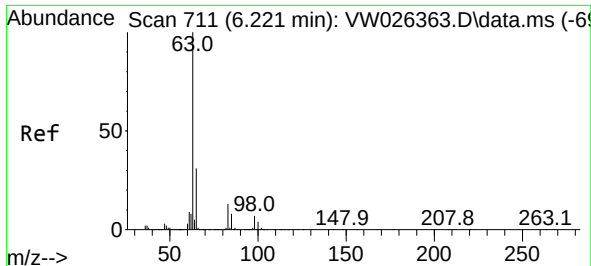
Tgt Ion: 96 Resp: 221724
Ion Ratio Lower Upper
96 100
61 160.2 106.1 197.1
98 63.9 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 21.515 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

Tgt Ion: 73 Resp: 446823
Ion Ratio Lower Upper
73 100
43 24.4 18.1 27.1
57 23.8 19.5 29.3





#19

1,1-Dichloroethane

Concen: 18.427 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW026382.D

Acq: 28 Jun 2023 03:13

Instrument :

MSVOA_W

ClientSampleId :

A46K5MS

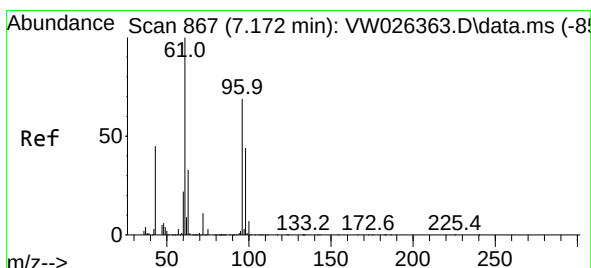
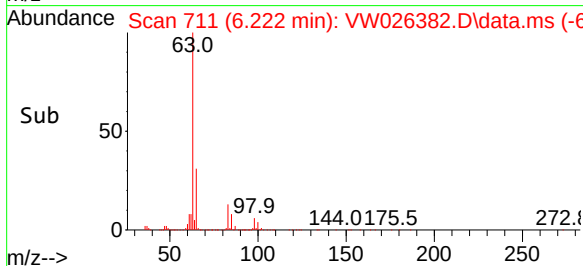
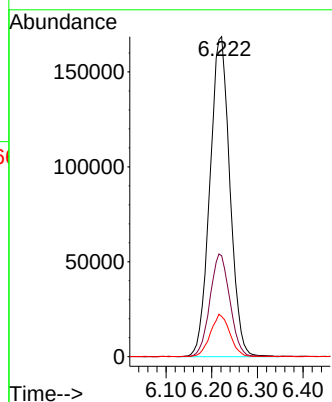
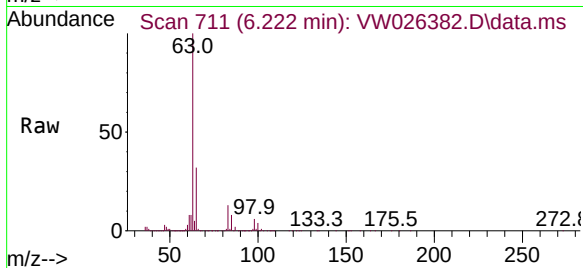
Tgt Ion: 63 Resp: 512461

Ion Ratio Lower Upper

63 100

65 31.5 22.8 42.4

83 12.6 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 17.876 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW026382.D

Acq: 28 Jun 2023 03:13

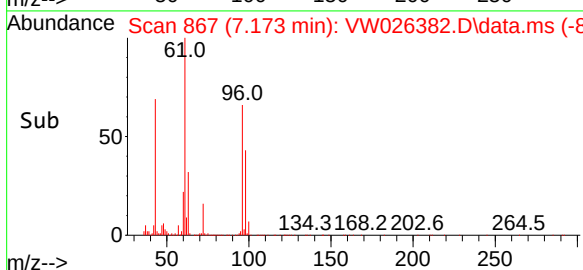
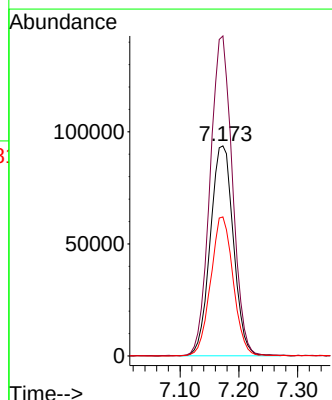
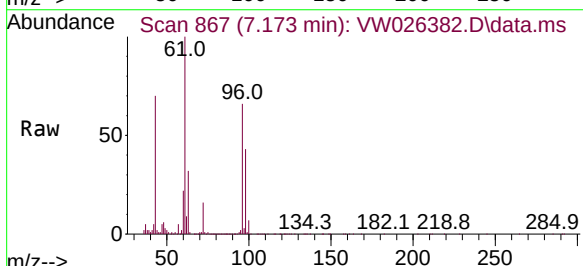
Tgt Ion: 96 Resp: 256515

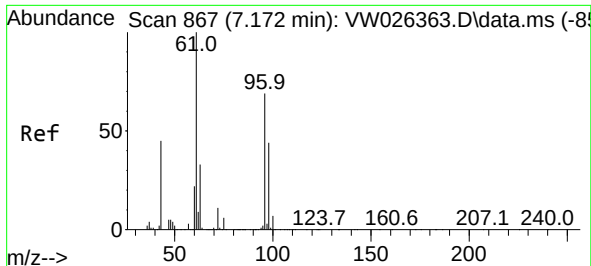
Ion Ratio Lower Upper

96 100

61 152.3 100.8 187.2

98 66.2 45.7 84.9

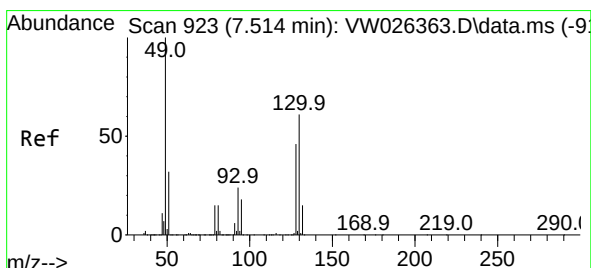
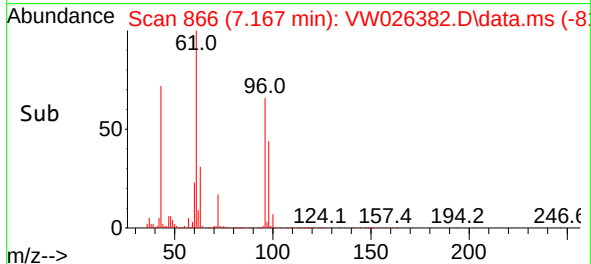
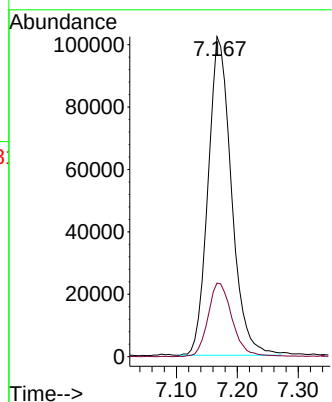
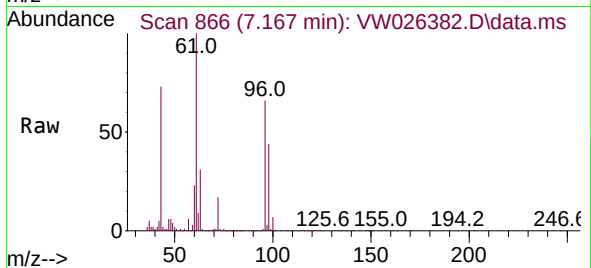




#22
2-Butanone
Concen: 52.077 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

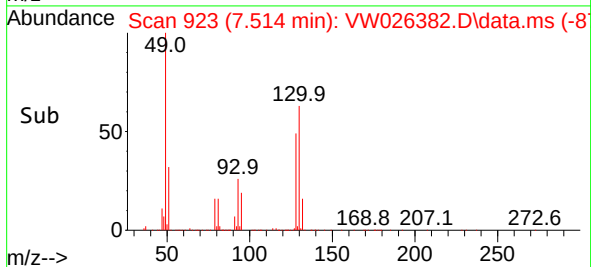
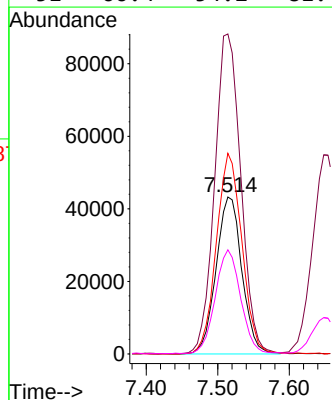
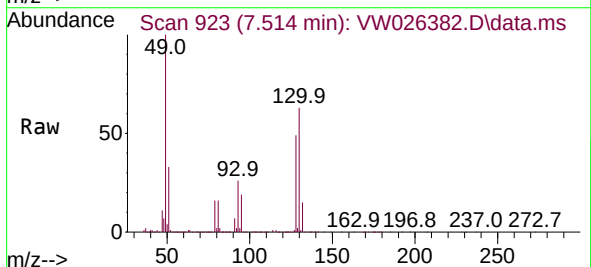
Instrument :
MSVOA_W
ClientSampleId :
A46K5MS

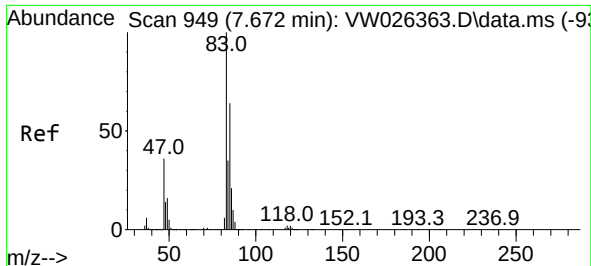
Tgt Ion: 43 Resp: 272074
Ion Ratio Lower Upper
43 100
72 24.0 11.8 35.3



#23
Bromochloromethane
Concen: 17.643 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

Tgt Ion: 128 Resp: 108594
Ion Ratio Lower Upper
128 100
49 203.9 148.5 275.9
130 127.8 82.6 153.4
51 66.4 54.2 81.4

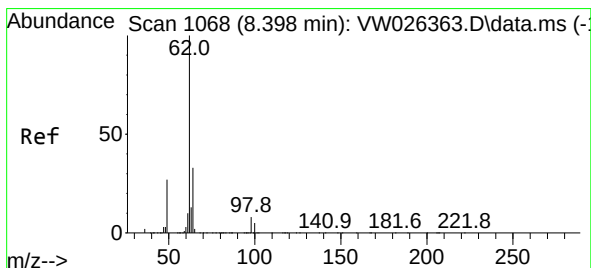
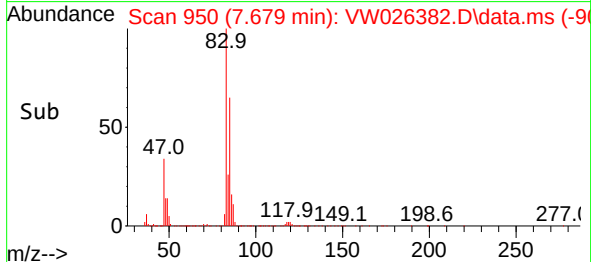
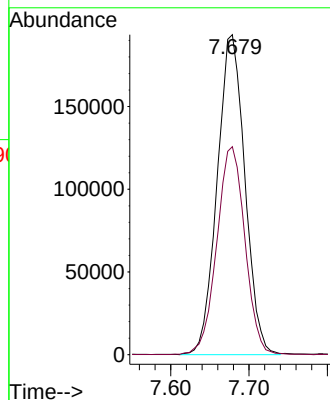
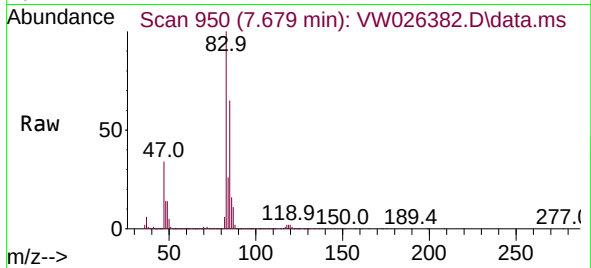




#25
Chloroform
Concen: 18.445 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

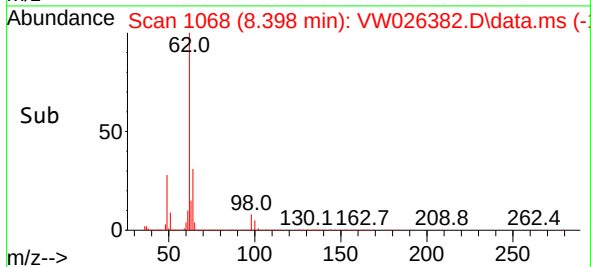
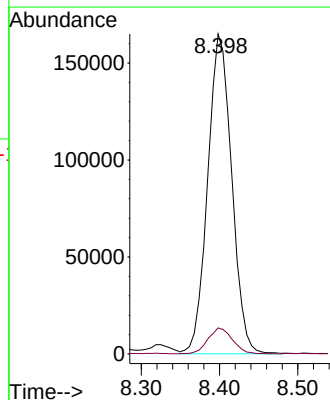
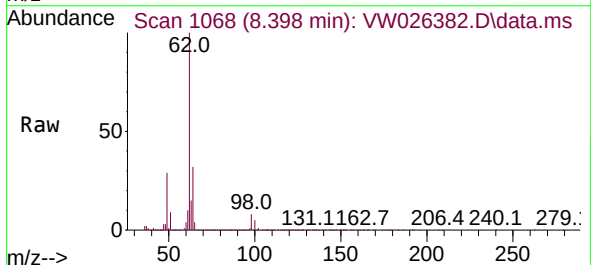
Instrument :
MSVOA_W
ClientSampleId :
A46K5MS

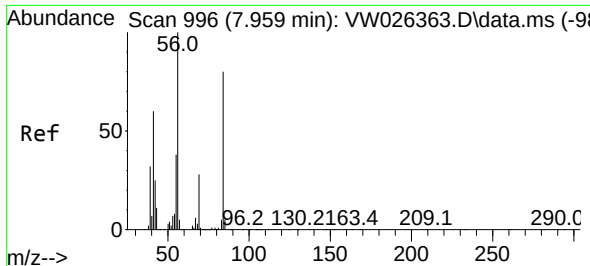
Tgt Ion: 83 Resp: 475389
Ion Ratio Lower Upper
83 100
85 65.0 45.3 84.1



#27
1,2-Dichloroethane
Concen: 18.975 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

Tgt Ion: 62 Resp: 351613
Ion Ratio Lower Upper
62 100
98 8.1 7.5 11.3

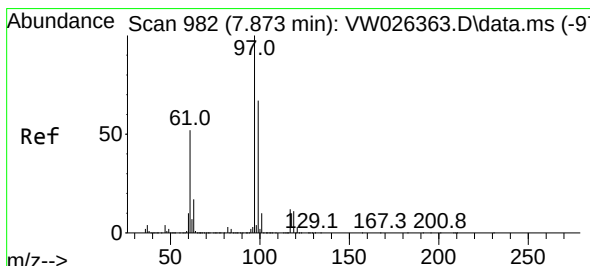
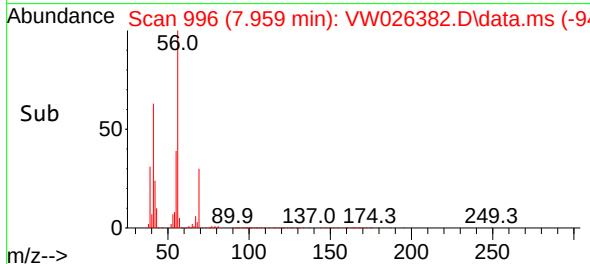
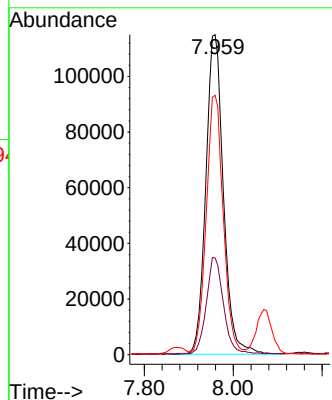
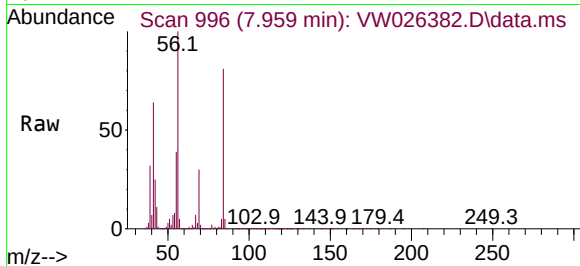




#29
Cyclohexane
Concen: 16.584 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

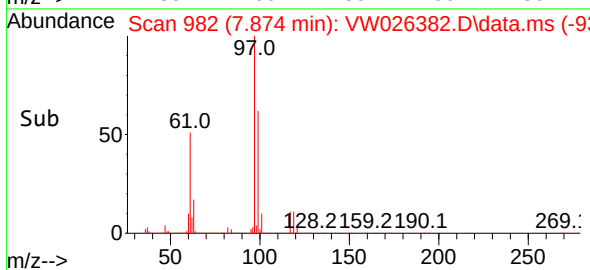
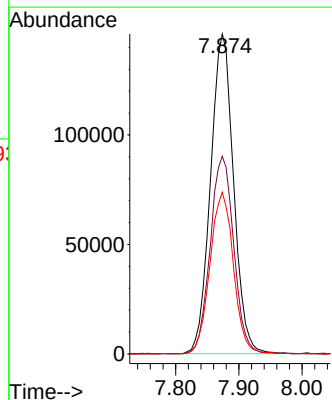
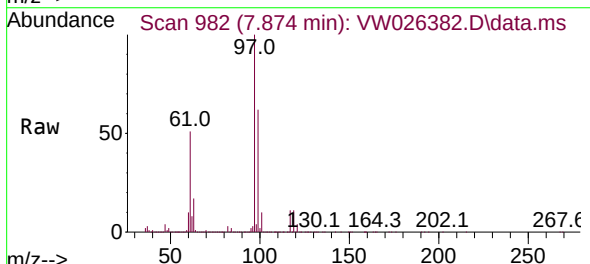
Instrument :
MSVOA_W
ClientSampleId :
A46K5MS

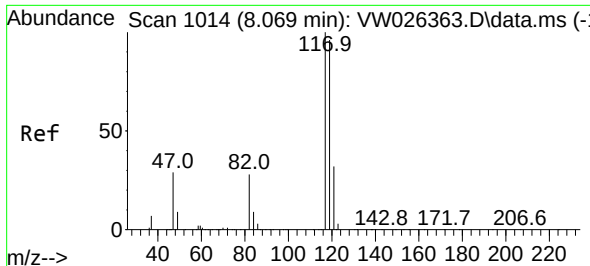
Tgt Ion: 56 Resp: 316828
Ion Ratio Lower Upper
56 100
69 29.1 23.0 34.4
84 77.9 63.4 95.0



#30
1,1,1-Trichloroethane
Concen: 23.055 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

Tgt Ion: 97 Resp: 368980
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 51.4 41.4 62.2

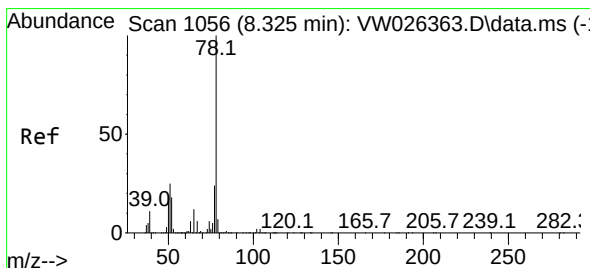
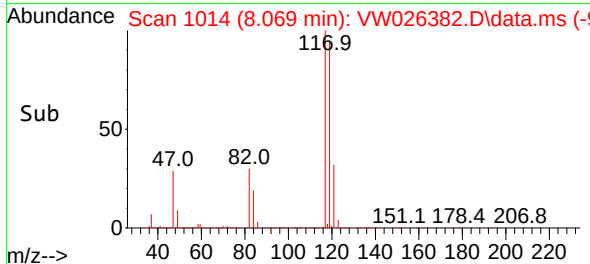
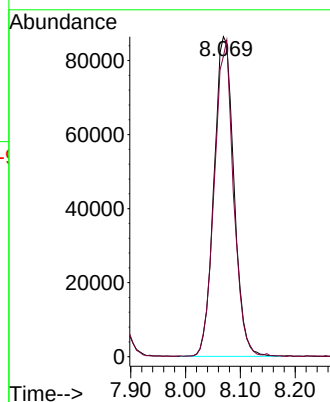
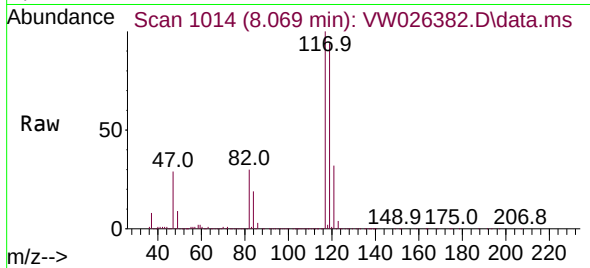




#31
Carbon tetrachloride
Concen: 15.190 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

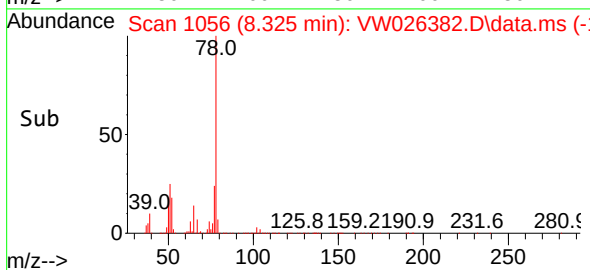
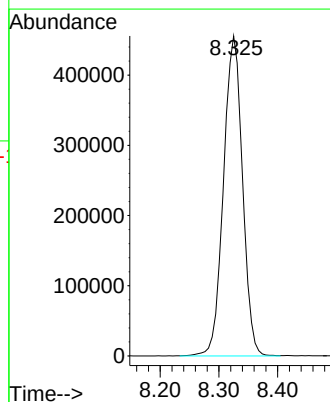
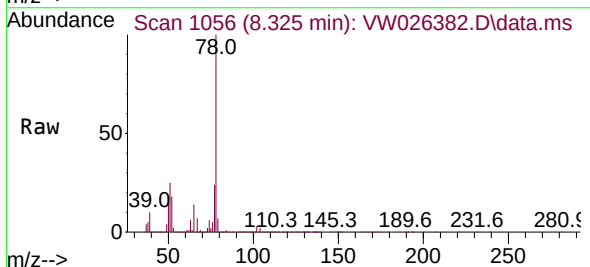
Instrument :
MSVOA_W
ClientSampleId :
A46K5MS

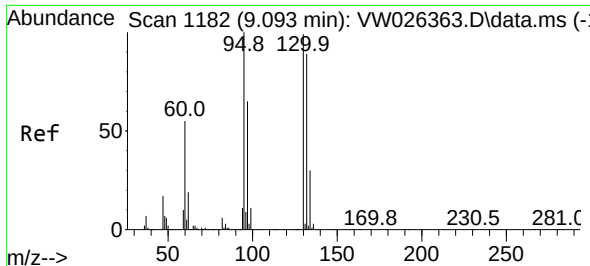
Tgt Ion:117 Resp: 218544
Ion Ratio Lower Upper
117 100
119 94.9 77.7 116.5



#33
Benzene
Concen: 22.909 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

Tgt Ion: 78 Resp: 1023764

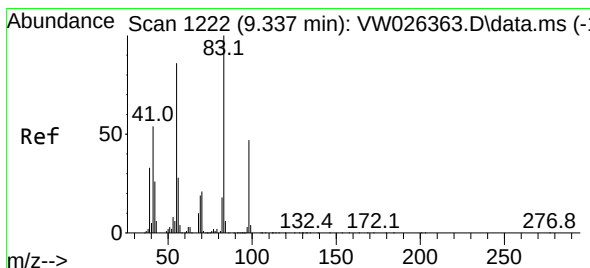
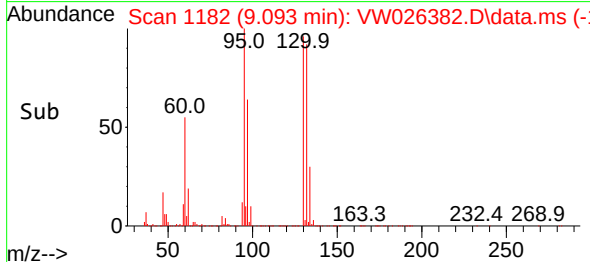
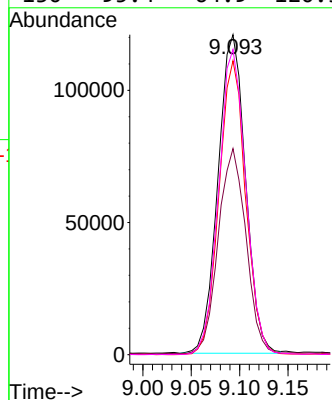
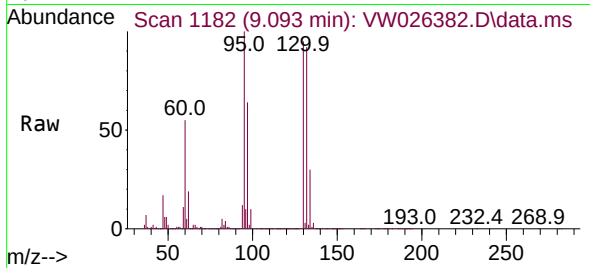




#34
Trichloroethene
Concen: 20.790 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

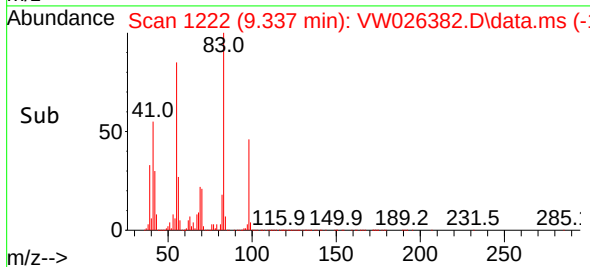
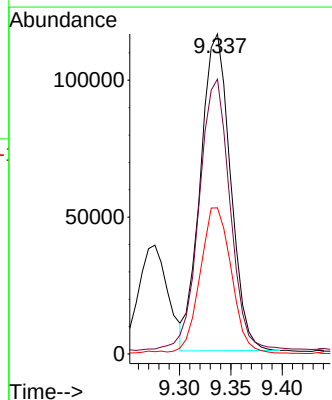
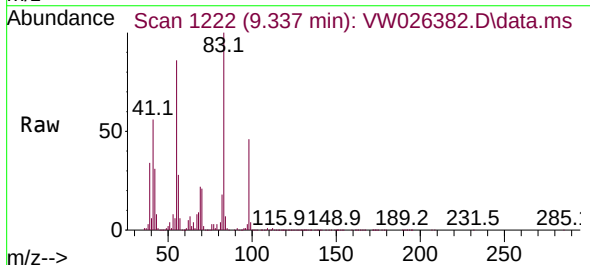
Instrument :
MSVOA_W
ClientSampleId :
A46K5MS

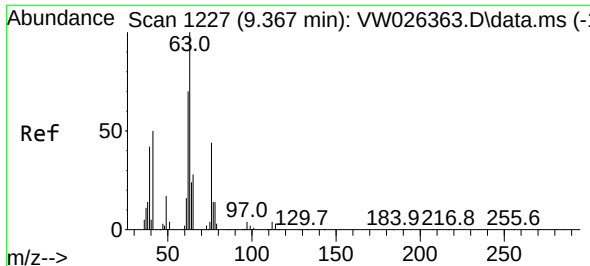
Tgt Ion: 95 Resp: 237883
Ion Ratio Lower Upper
95 100
97 64.4 44.5 82.7
132 91.9 63.3 117.5
130 95.4 64.9 120.5



#35
Methylcyclohexane
Concen: 11.996 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

Tgt Ion: 83 Resp: 235377
Ion Ratio Lower Upper
83 100
55 88.7 68.8 103.2
98 48.0 37.8 56.6





#37

1,2-Dichloropropane

Concen: 21.619 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026382.D

Acq: 28 Jun 2023 03:13

Instrument :

MSVOA_W

ClientSampleId :

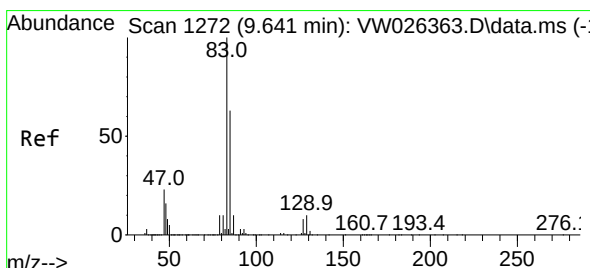
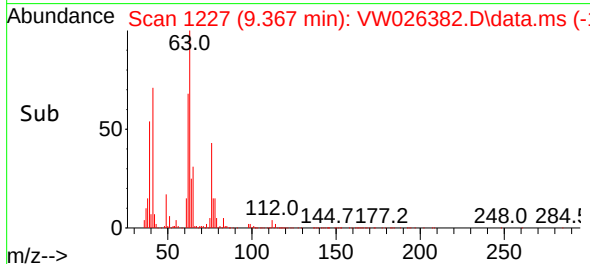
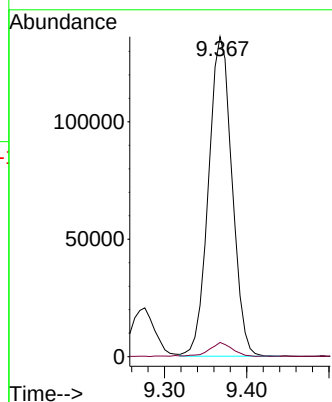
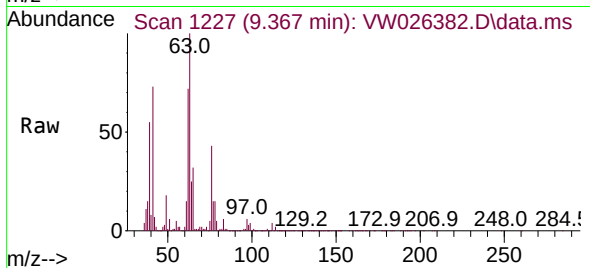
A46K5MS

Tgt Ion: 63 Resp: 269925

Ion Ratio Lower Upper

63 100

112 4.1 3.0 4.6



#38

Bromodichloromethane

Concen: 20.440 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026382.D

Acq: 28 Jun 2023 03:13

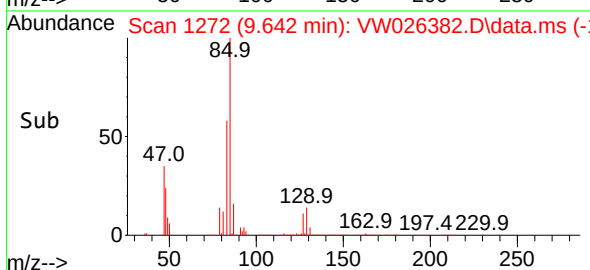
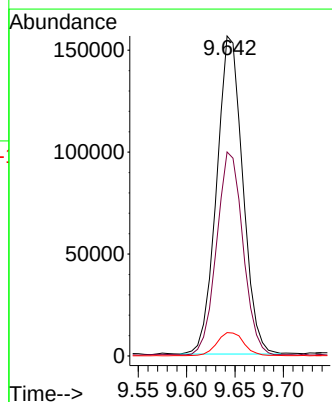
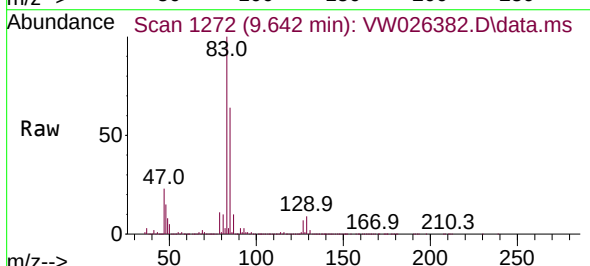
Tgt Ion: 83 Resp: 293070

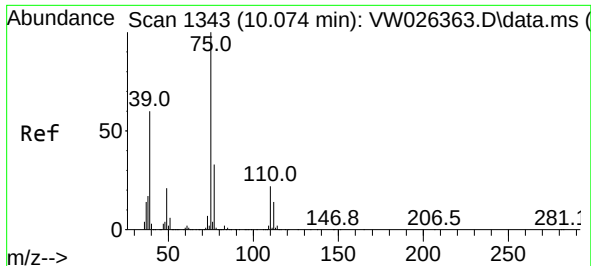
Ion Ratio Lower Upper

83 100

85 63.7 44.9 83.5

127 7.3 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 17.334 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min
Lab File: VW026382.D

Acq: 28 Jun 2023 03:13

Instrument :

MSVOA_W

ClientSampleId :

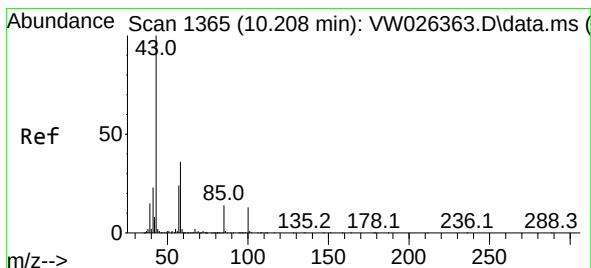
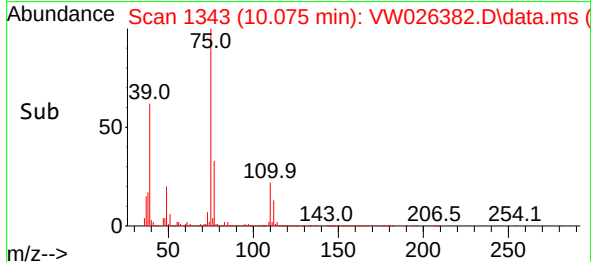
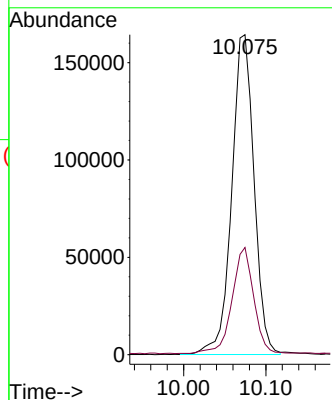
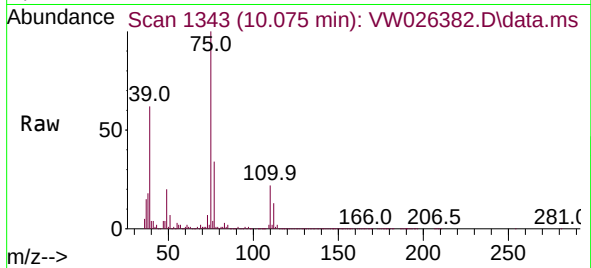
A46K5MS

Tgt Ion: 75 Resp: 310077

Ion Ratio Lower Upper

75 100

77 33.5 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 52.284 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026382.D

Acq: 28 Jun 2023 03:13

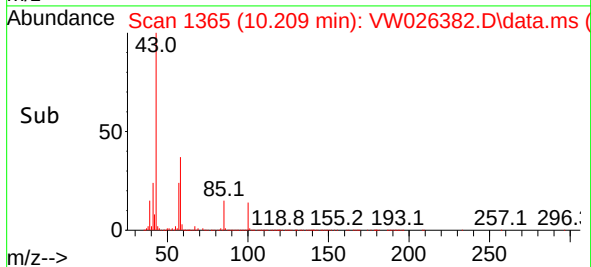
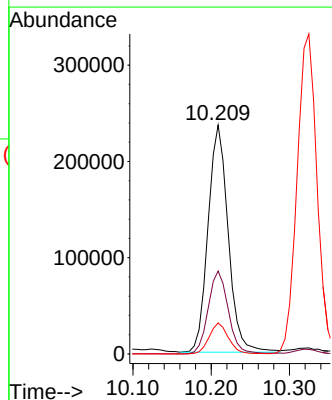
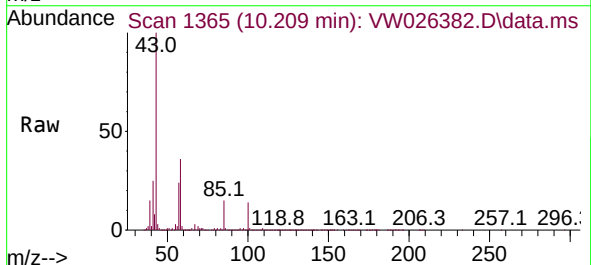
Tgt Ion: 43 Resp: 421356

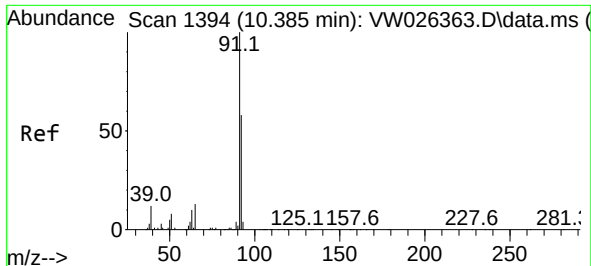
Ion Ratio Lower Upper

43 100

58 36.3 28.6 42.8

100 13.2 9.9 14.9

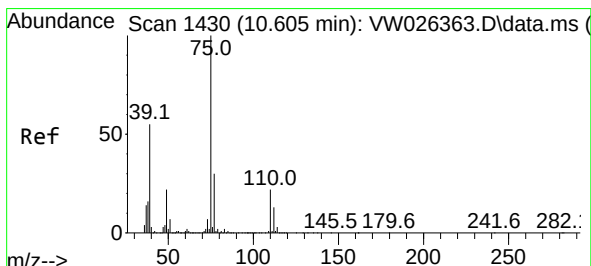
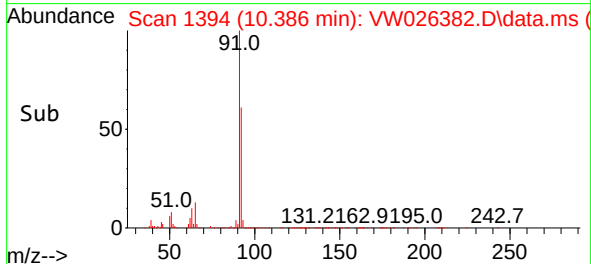
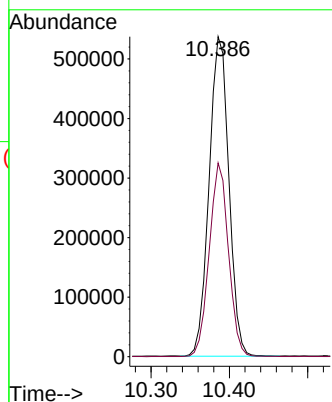
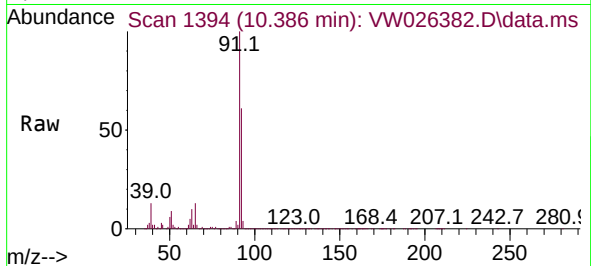




#42
Toluene
Concen: 20.978 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

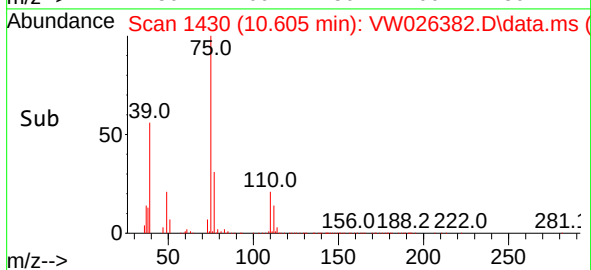
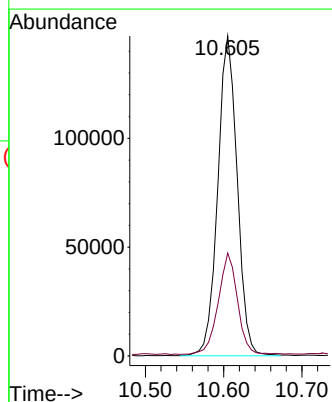
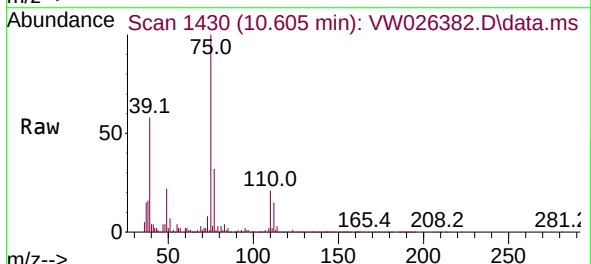
Instrument :
MSVOA_W
ClientSampleId :
A46K5MS

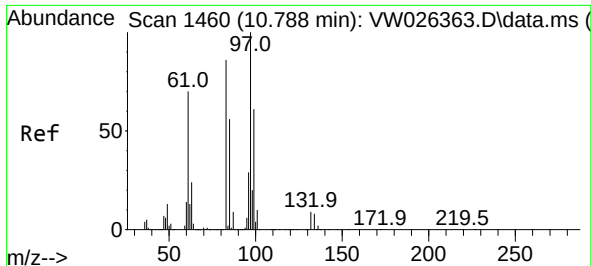
Tgt Ion: 91 Resp: 940467
Ion Ratio Lower Upper
91 100
92 60.6 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 16.821 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

Tgt Ion: 75 Resp: 253987
Ion Ratio Lower Upper
75 100
77 32.2 21.6 40.2

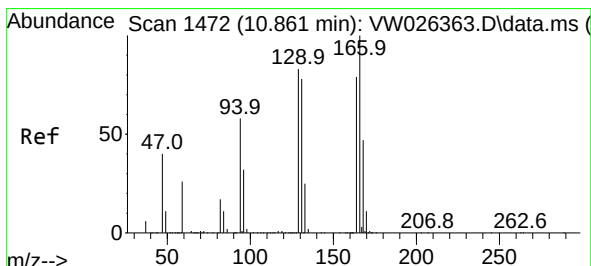
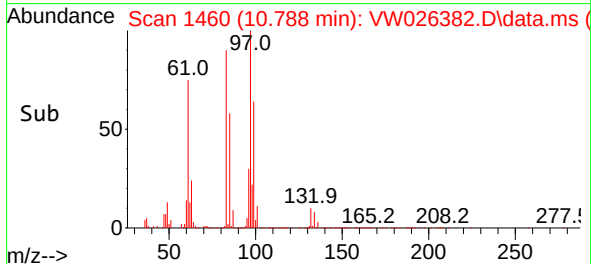
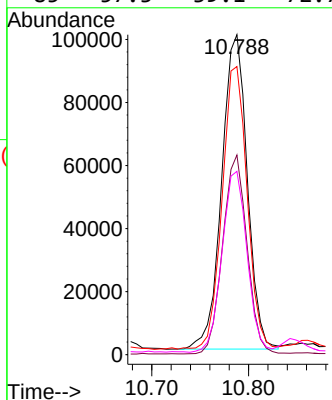
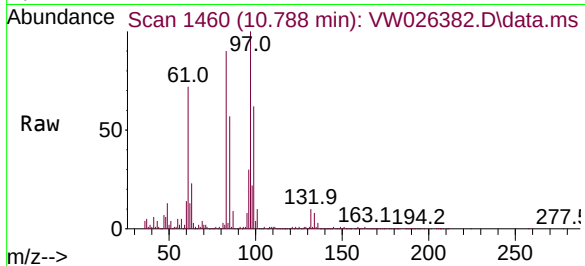




#45
1,1,2-Trichloroethane
Concen: 21.943 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

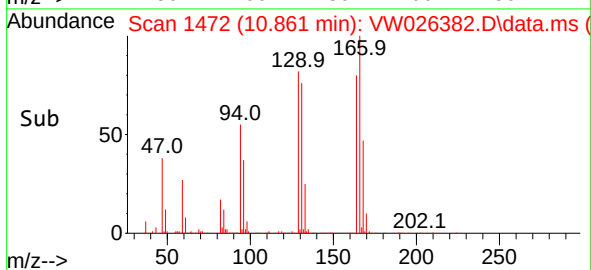
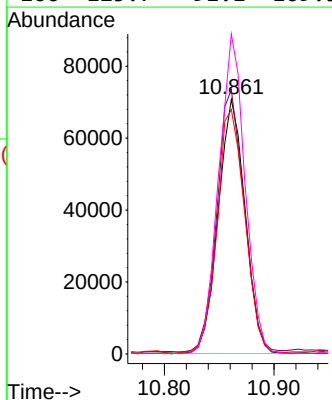
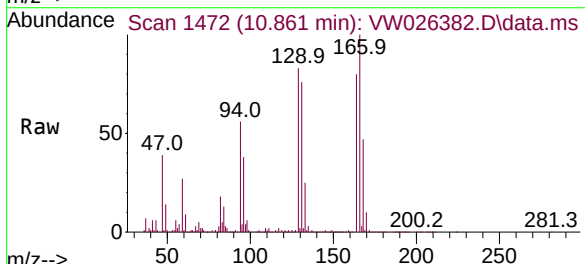
Instrument :
MSVOA_W
ClientSampleId :
A46K5MS

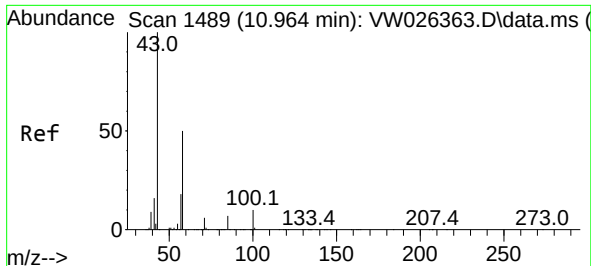
Tgt Ion: 97	Resp: 183440
Ion Ratio	Lower Upper
97 100	
99 62.4	42.4 78.6
83 90.0	60.8 113.0
85 57.3	39.1 72.7



#46
Tetrachloroethene
Concen: 14.930 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

Tgt	Ion:164	Resp:	120348
Ion	Ratio	Lower	Upper
164	100		
129	103.8	73.8	137.0
131	96.0	69.0	128.2
166	125.7	91.1	169.3

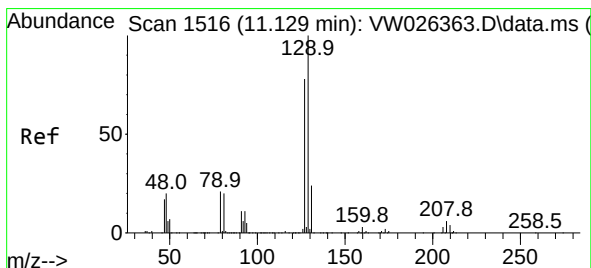
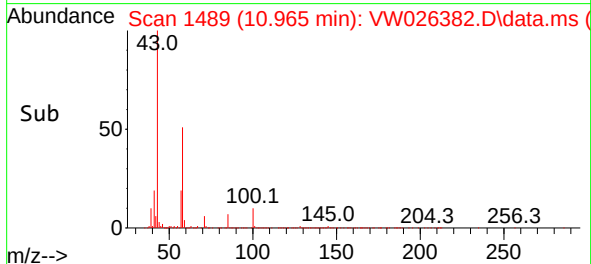
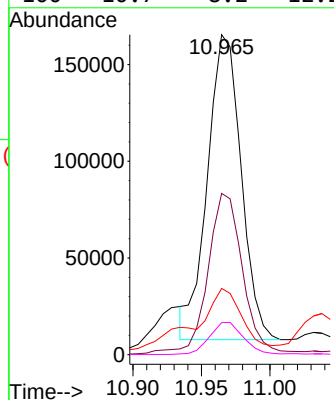
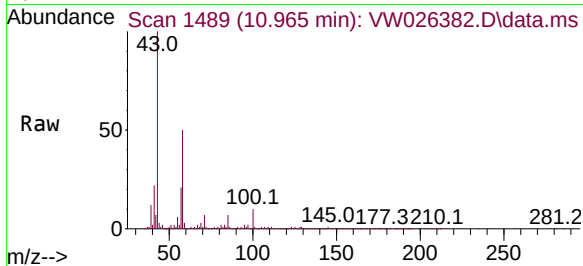




#48
2-Hexanone
Concen: 47.435 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

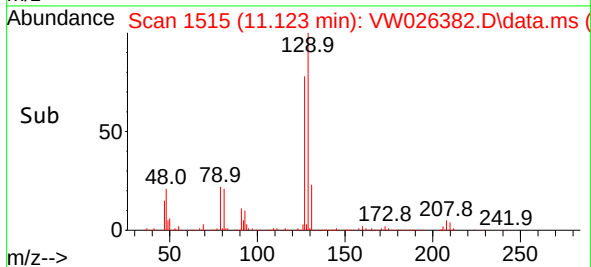
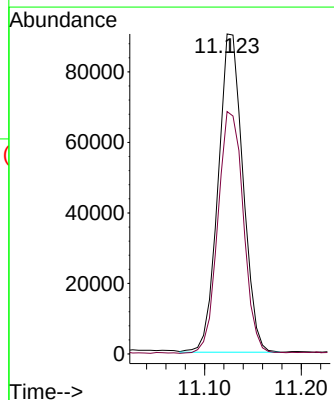
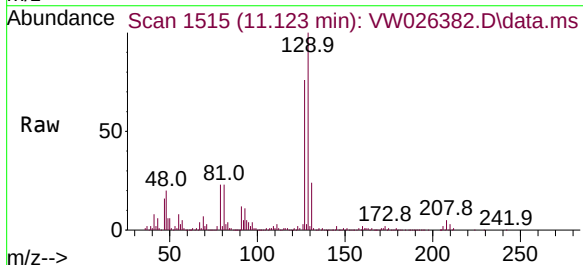
Instrument :
MSVOA_W
ClientSampleId :
A46K5MS

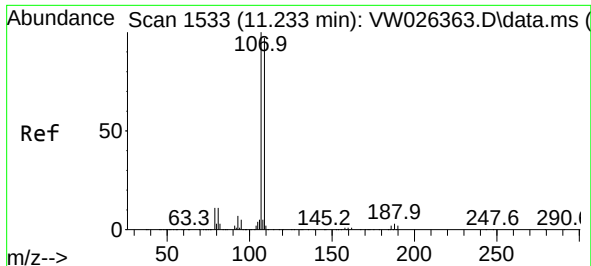
Tgt Ion: 43 Resp: 269731
Ion Ratio Lower Upper
43 100
58 54.8 40.1 60.1
57 16.8 13.4 20.0
100 10.7 8.2 12.2



#49
Dibromochloromethane
Concen: 18.812 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

Tgt Ion: 129 Resp: 161029
Ion Ratio Lower Upper
129 100
127 75.8 54.4 101.0





#50

1,2-Dibromoethane

Concen: 20.971 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026382.D

Acq: 28 Jun 2023 03:13

Instrument :

MSVOA_W

ClientSampleId :

A46K5MS

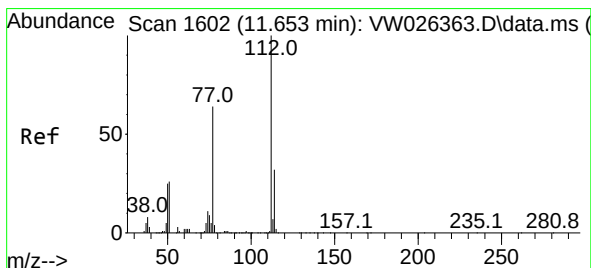
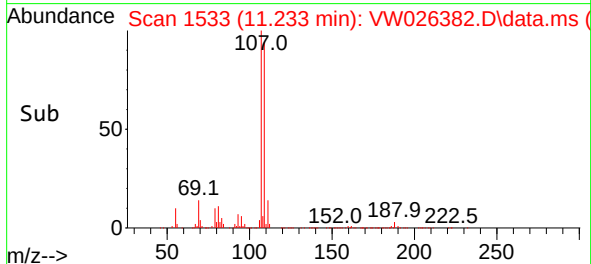
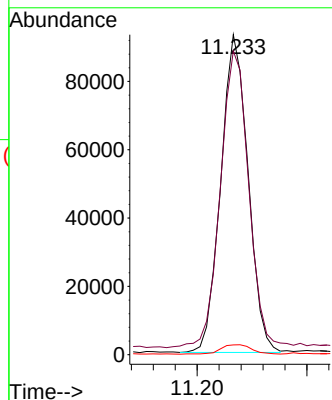
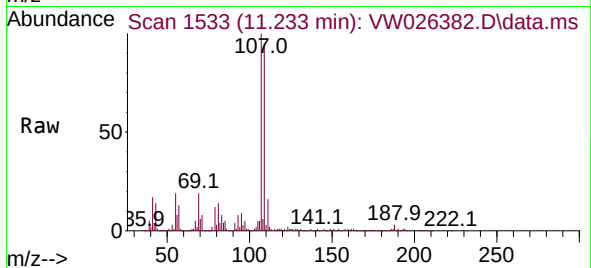
Tgt Ion:107 Resp: 160954

Ion Ratio Lower Upper

107 100

109 94.9 67.1 124.5

188 3.1 2.6 3.8



#51

Chlorobenzene

Concen: 17.024 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026382.D

Acq: 28 Jun 2023 03:13

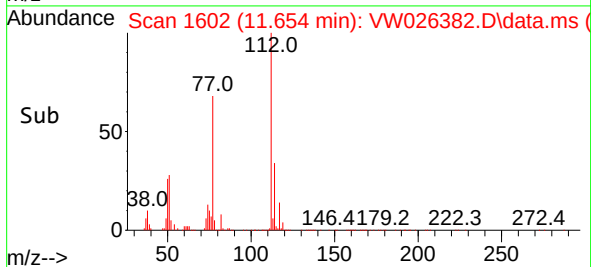
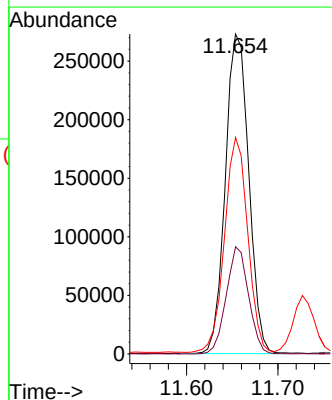
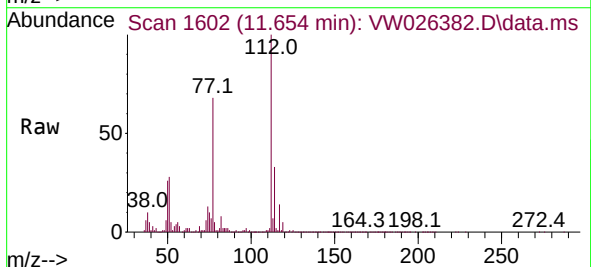
Tgt Ion:112 Resp: 486816

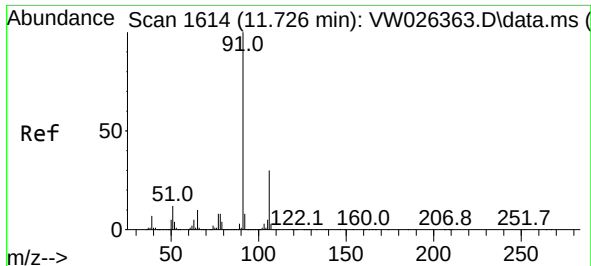
Ion Ratio Lower Upper

112 100

114 33.5 23.0 42.8

77 67.6 53.2 79.8

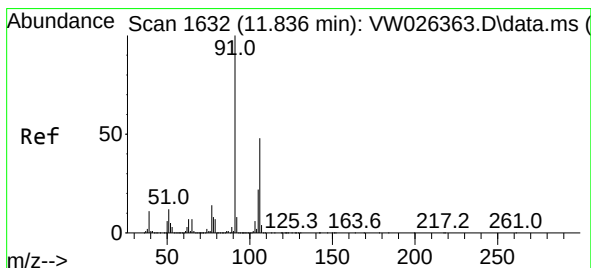
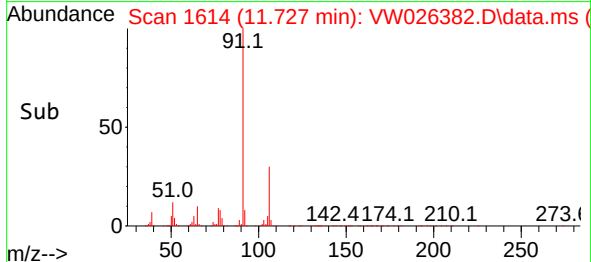
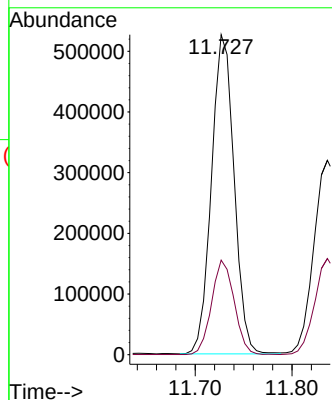
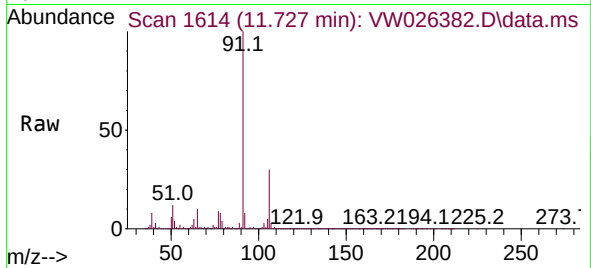




#52
Ethylbenzene
Concen: 16.925 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

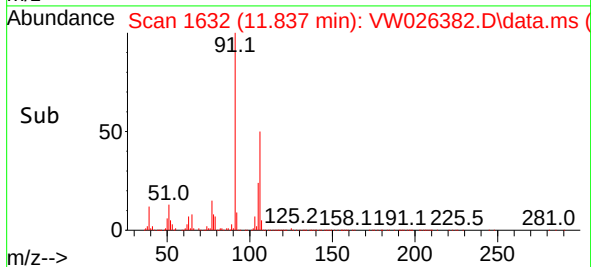
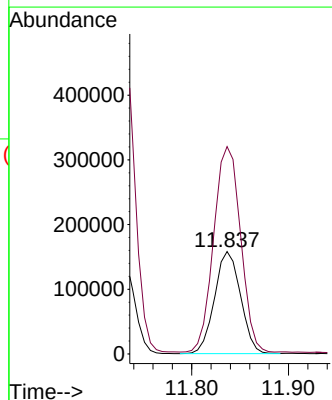
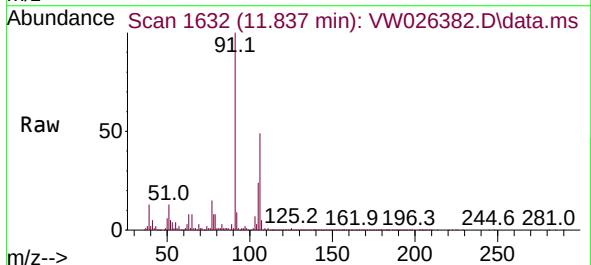
Instrument :
MSVOA_W
ClientSampleId :
A46K5MS

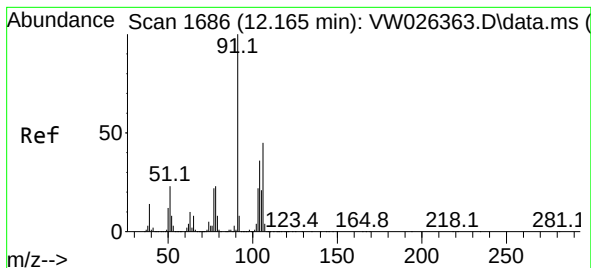
Tgt Ion: 91 Resp: 854993
Ion Ratio Lower Upper
91 100
106 29.5 19.9 36.9



#53
m,p-Xylene
Concen: 16.017 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

Tgt Ion: 106 Resp: 295085
Ion Ratio Lower Upper
106 100
91 202.3 152.1 282.5





#54

o-Xylene

Concen: 16.434 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026382.D

Acq: 28 Jun 2023 03:13

Instrument :

MSVOA_W

ClientSampleId :

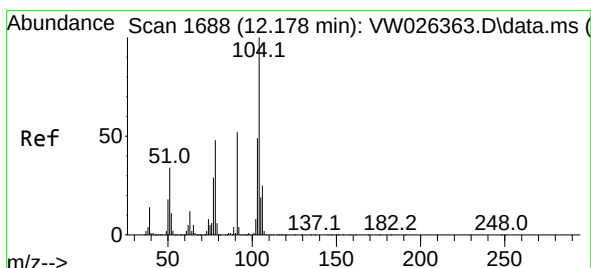
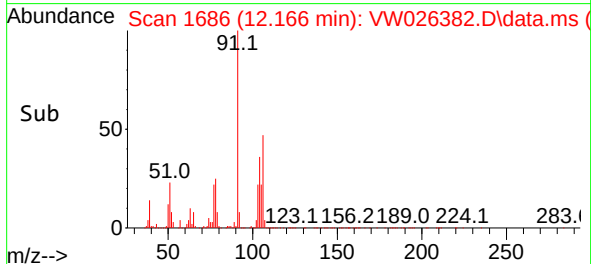
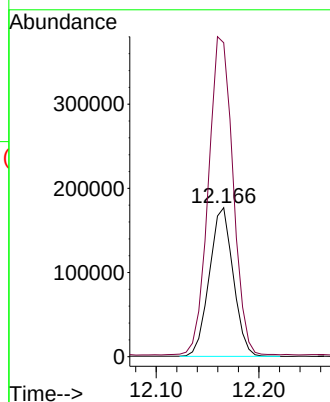
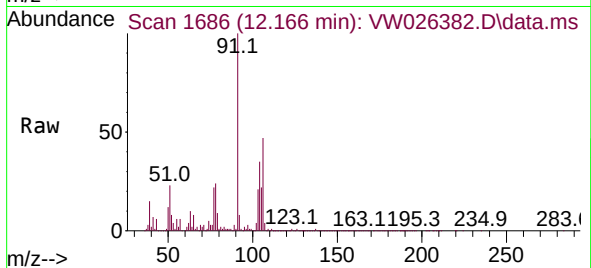
A46K5MS

Tgt Ion:106 Resp: 285076

Ion Ratio Lower Upper

106 100

91 210.7 161.5 299.9



#55

Styrene

Concen: 13.831 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW026382.D

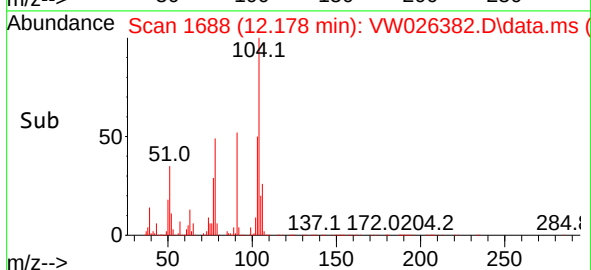
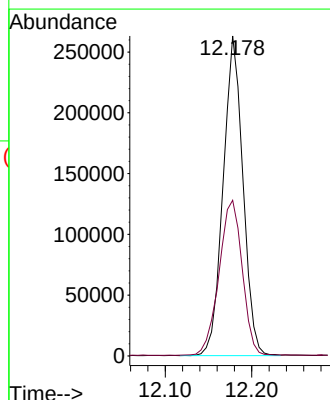
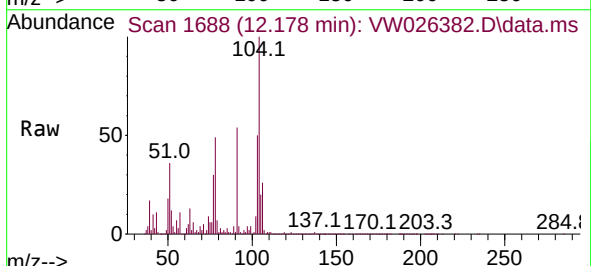
Acq: 28 Jun 2023 03:13

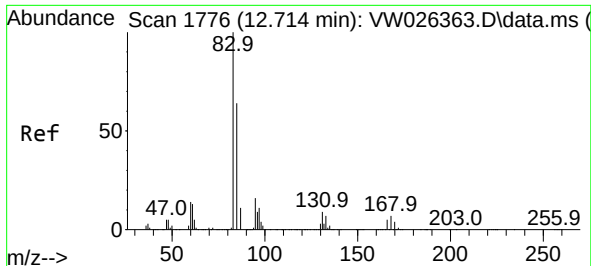
Tgt Ion:104 Resp: 418442

Ion Ratio Lower Upper

104 100

78 48.7 33.3 61.9

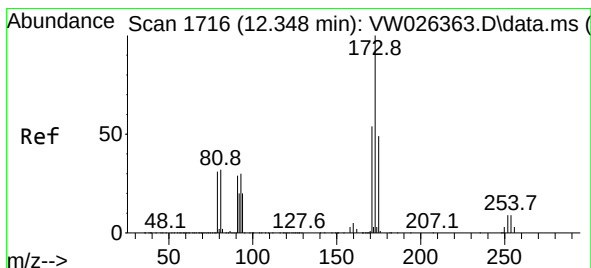
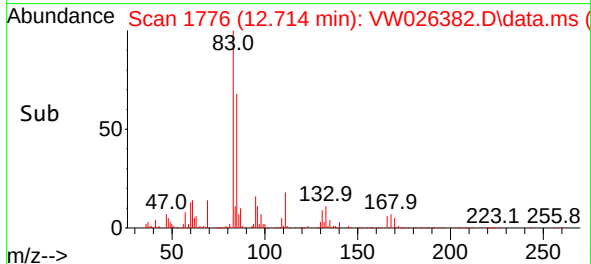
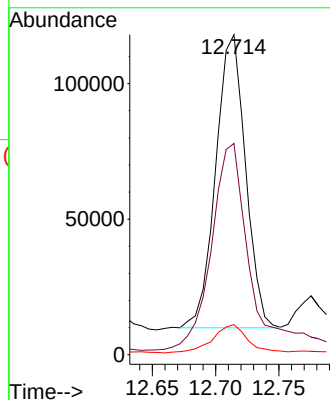
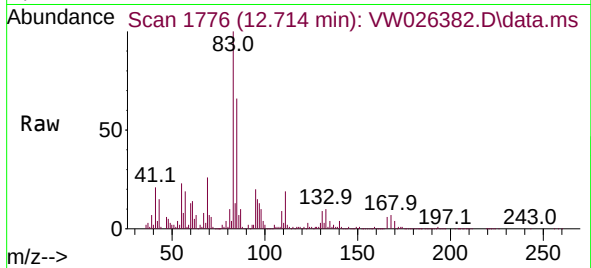




#57
1,1,2,2-Tetrachloroethane
Concen: 16.949 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

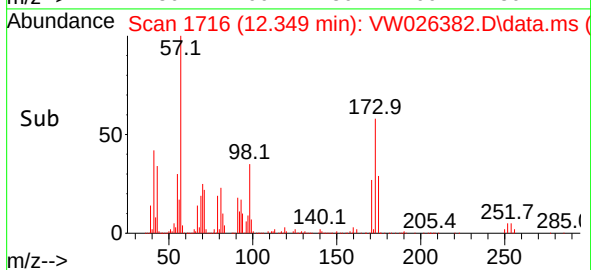
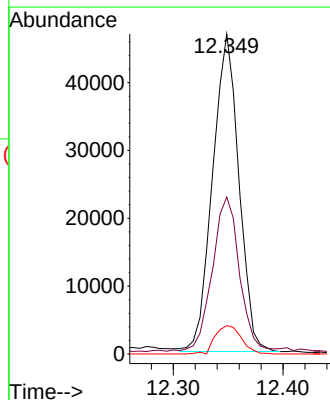
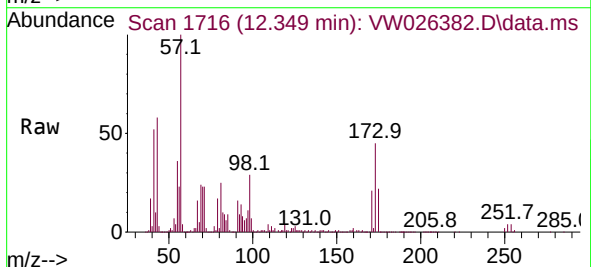
Instrument :
MSVOA_W
ClientSampleId :
A46K5MS

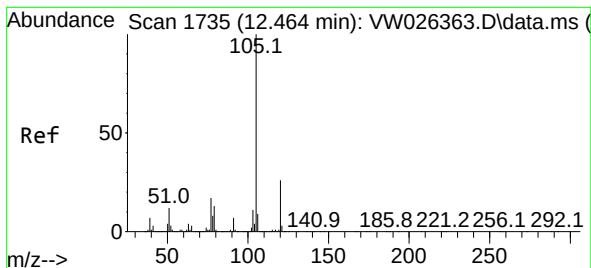
Tgt Ion: 83 Resp: 177108
Ion Ratio Lower Upper
83 100
85 66.0 43.7 81.1
131 9.4 7.4 11.0



#59
Bromoform
Concen: 28.586 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

Tgt Ion: 173 Resp: 78041
Ion Ratio Lower Upper
173 100
175 51.2 39.7 59.5
254 8.7 7.1 10.7





#60

Isopropylbenzene

Concen: 22.484 ug/L

RT: 12.458 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026382.D

Acq: 28 Jun 2023 03:13

Instrument :

MSVOA_W

ClientSampleId :

A46K5MS

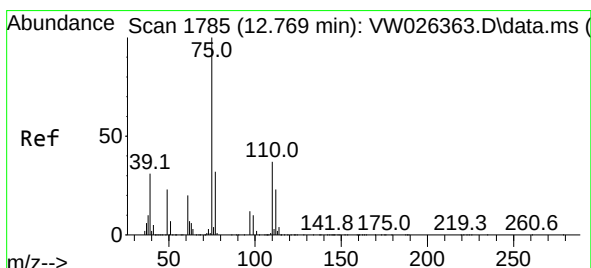
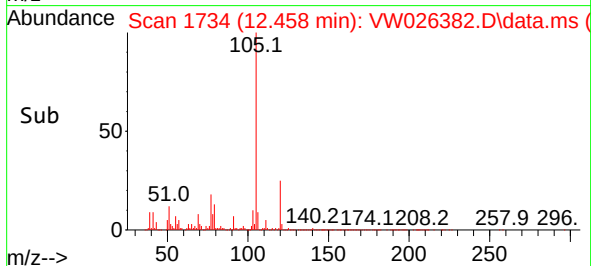
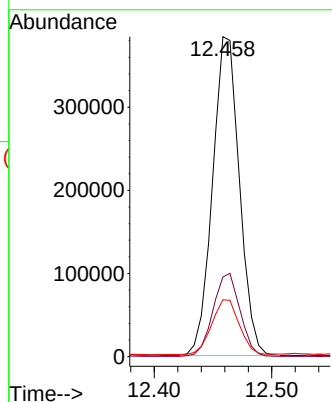
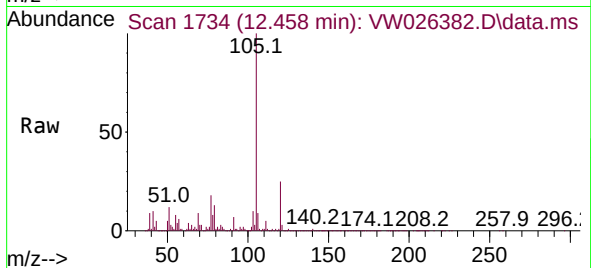
Tgt Ion:105 Resp: 609858

Ion Ratio Lower Upper

105 100

120 26.2 20.4 30.6

77 17.5 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 34.236 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW026382.D

Acq: 28 Jun 2023 03:13

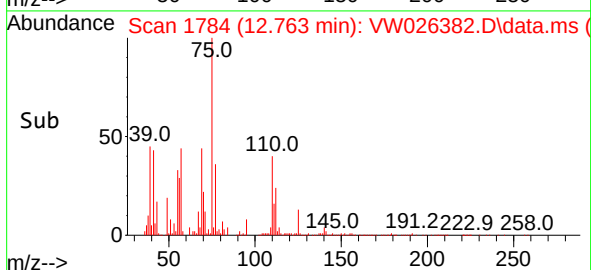
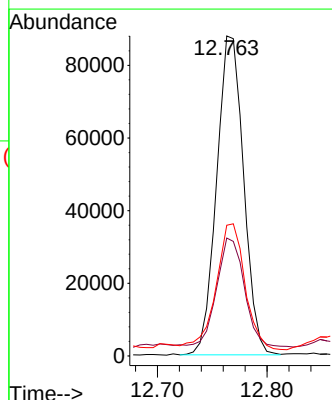
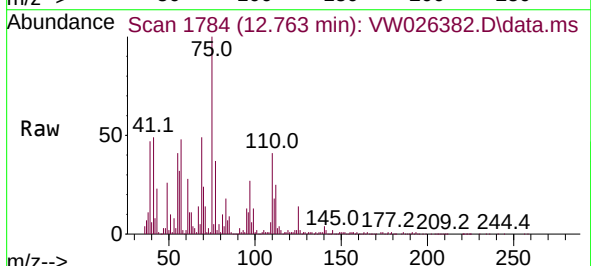
Tgt Ion: 75 Resp: 150190

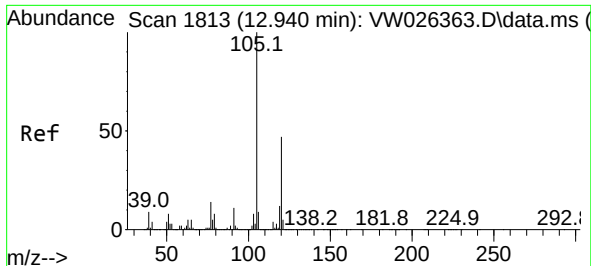
Ion Ratio Lower Upper

75 100

77 35.1 25.9 38.9

110 42.6 29.4 44.0

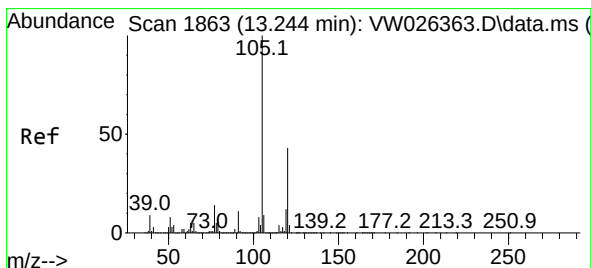
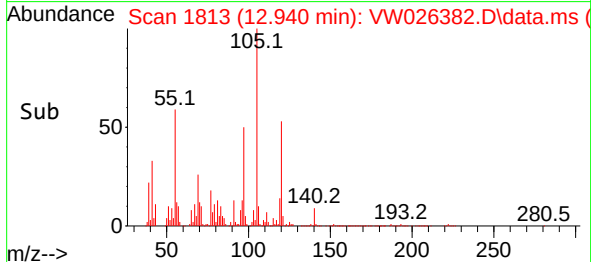
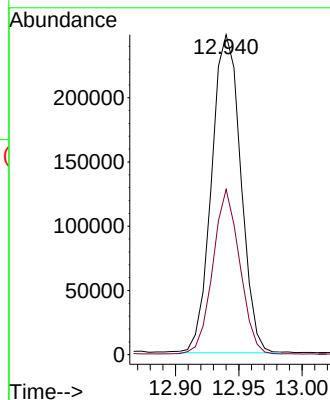
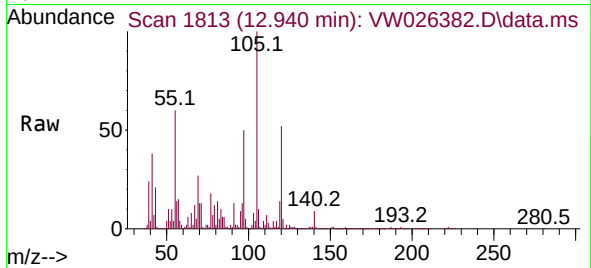




#62
1,3,5-Trimethylbenzene
Concen: 18.872 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

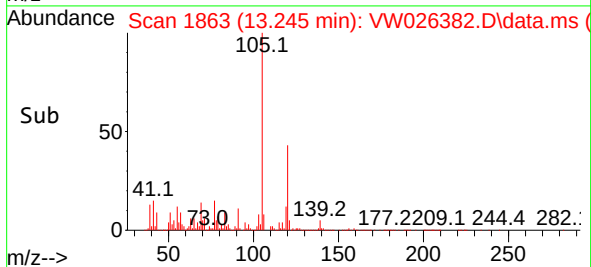
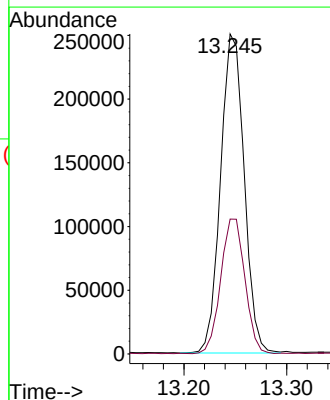
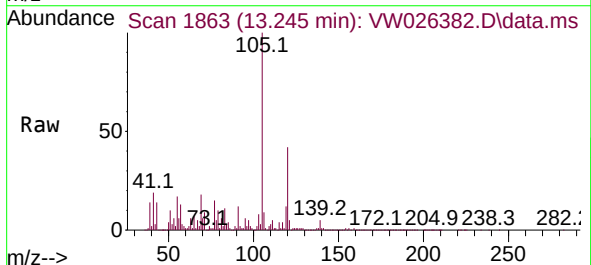
Instrument :
MSVOA_W
ClientSampleId :
A46K5MS

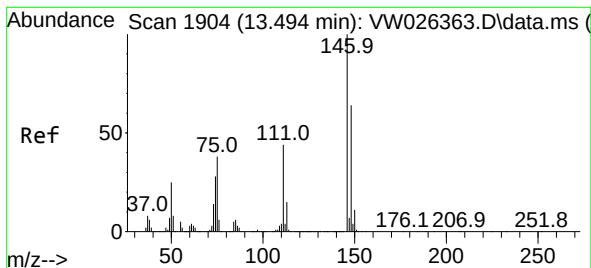
Tgt Ion:105 Resp: 396790
Ion Ratio Lower Upper
105 100
120 47.9 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 19.665 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026382.D
Acq: 28 Jun 2023 03:13

Tgt Ion:105 Resp: 398790
Ion Ratio Lower Upper
105 100
120 43.3 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 15.905 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026382.D

Acq: 28 Jun 2023 03:13

Instrument :

MSVOA_W

ClientSampleId :

A46K5MS

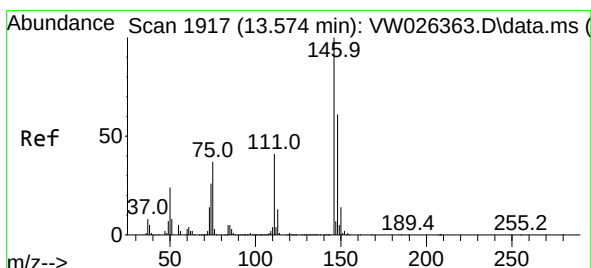
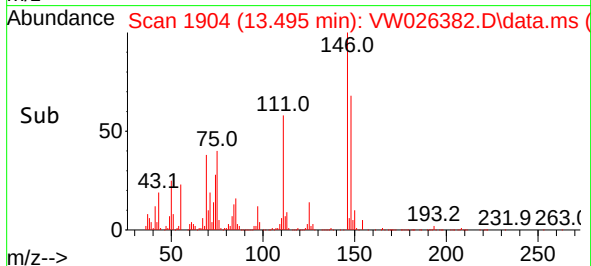
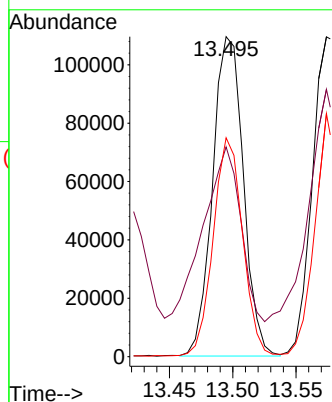
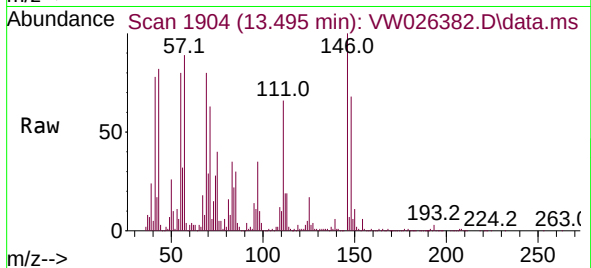
Tgt Ion:146 Resp: 184770

Ion Ratio Lower Upper

146 100

111 65.5 30.8 57.2#

148 68.4 43.3 80.3



#65

1,4-Dichlorobenzene

Concen: 16.271 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026382.D

Acq: 28 Jun 2023 03:13

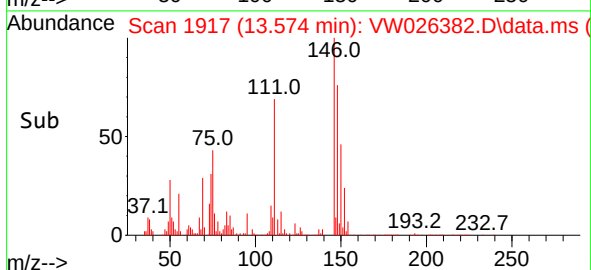
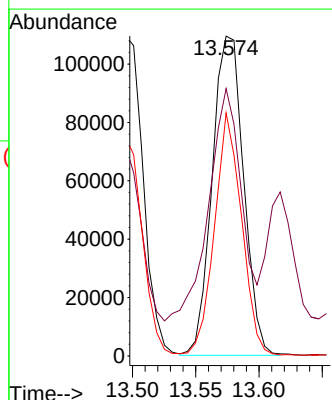
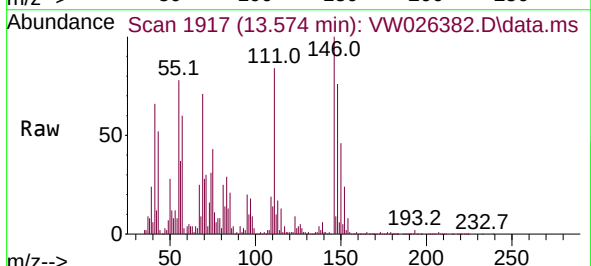
Tgt Ion:146 Resp: 189168

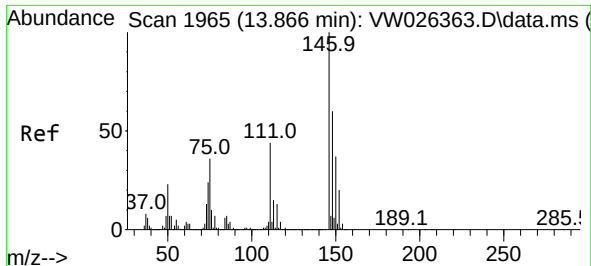
Ion Ratio Lower Upper

146 100

111 83.6 30.0 55.8#

148 76.0 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 16.132 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026382.D

Acq: 28 Jun 2023 03:13

Instrument :

MSVOA_W

ClientSampleId :

A46K5MS

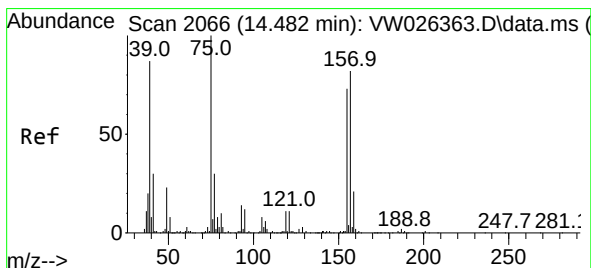
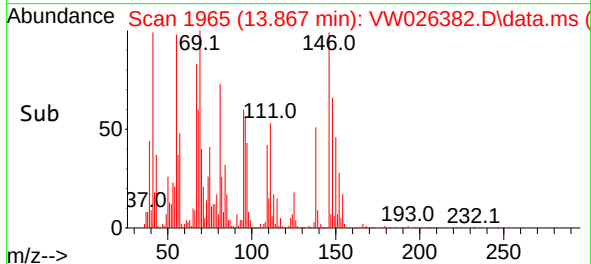
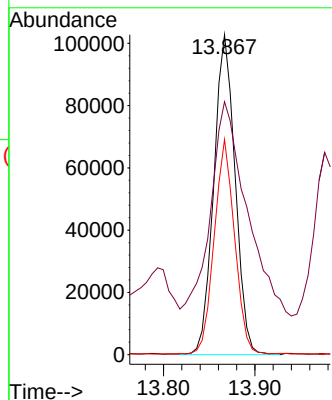
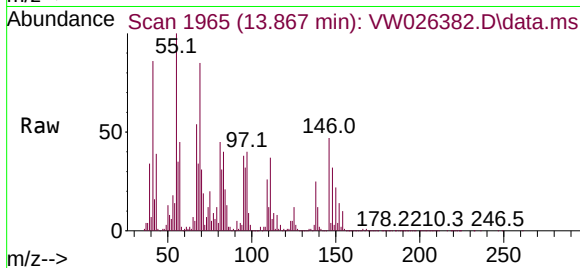
Tgt Ion:146 Resp: 166918

Ion Ratio Lower Upper

146 100

111 79.0 36.0 54.0#

148 67.3 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 24.590 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026382.D

Acq: 28 Jun 2023 03:13

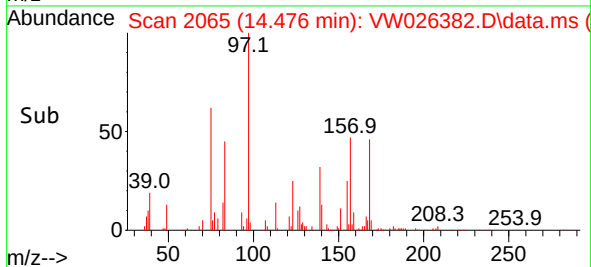
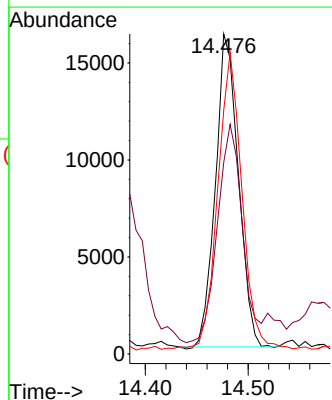
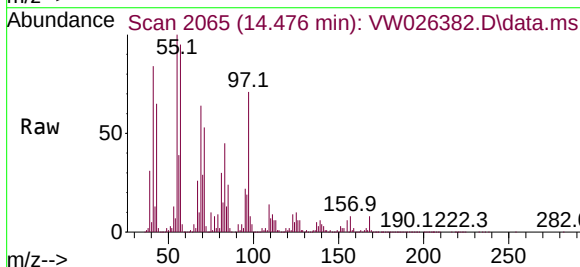
Tgt Ion: 75 Resp: 24863

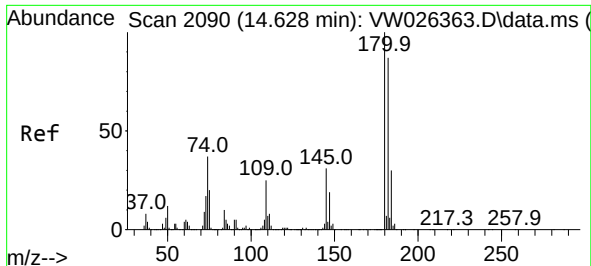
Ion Ratio Lower Upper

75 100

155 59.9 57.5 86.3

157 76.1 73.4 110.0

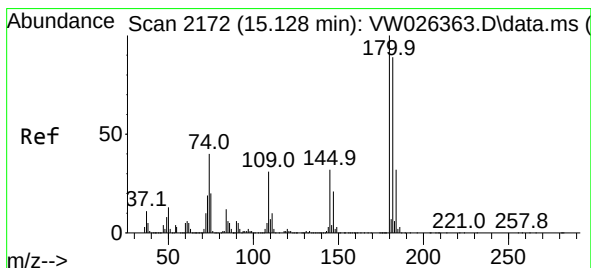
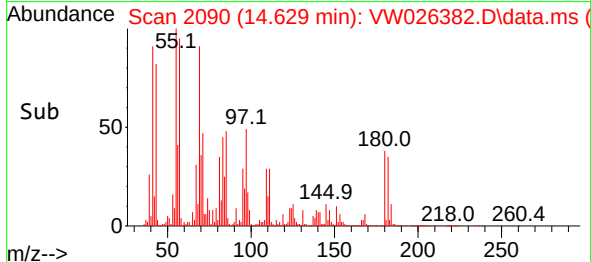
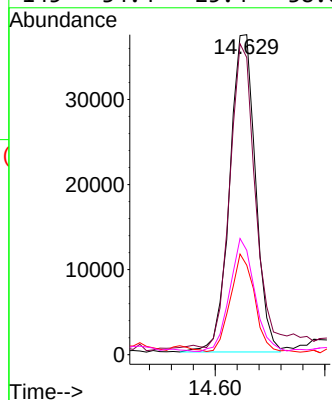
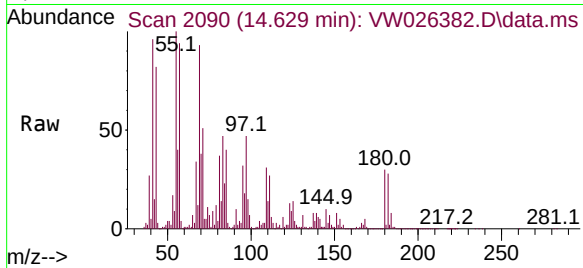




#69
 1,3,5-Trichlorobenzene
 Concen: 8.181 ug/L
 RT: 14.629 min Scan# 2090
 Delta R.T. 0.000 min
 Lab File: VW026382.D
 Acq: 28 Jun 2023 03:13

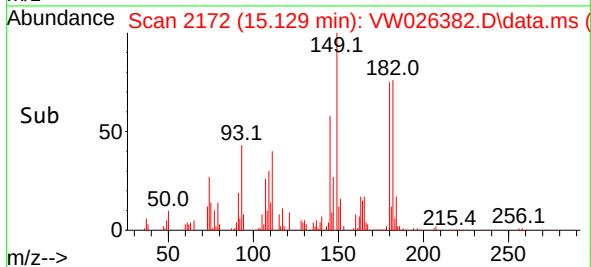
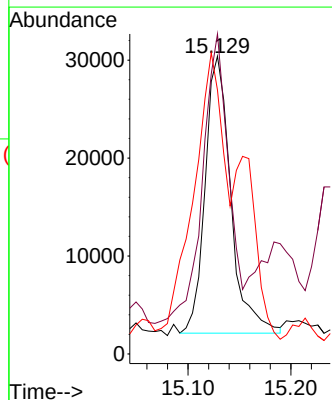
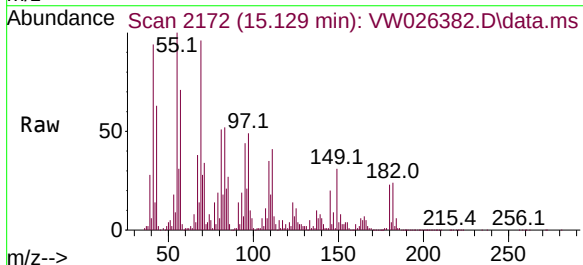
Instrument :
 MSVOA_W
 ClientSampleId :
 A46K5MS

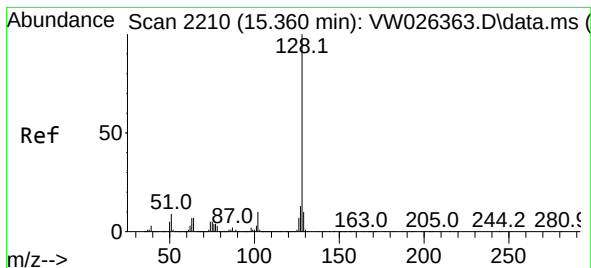
Tgt Ion:	180	Resp:	61074
Ion Ratio	Lower	Upper	
180	100		
182	93.6	74.2	111.4
184	28.8	23.8	35.6
145	34.4	25.4	38.0



#70
 1,2,4-trichlorobenzene
 Concen: 8.033 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW026382.D
 Acq: 28 Jun 2023 03:13

Tgt Ion:	180	Resp:	49078
Ion Ratio	Lower	Upper	
180	100		
182	112.1	75.6	113.4
145	120.1	24.7	37.1#





#71

Naphthalene

Concen: 14.459 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026382.D

Acq: 28 Jun 2023 03:13

Instrument :

MSVOA_W

ClientSampleId :

A46K5MS

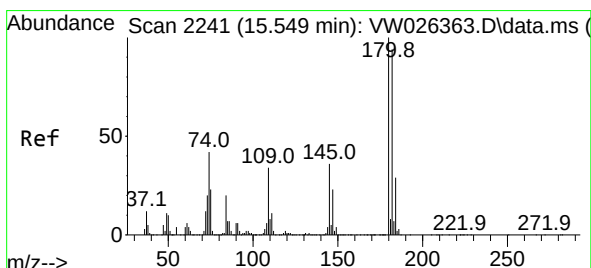
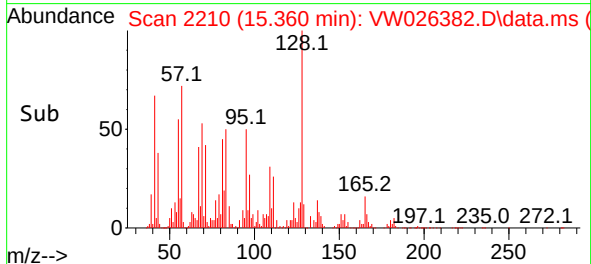
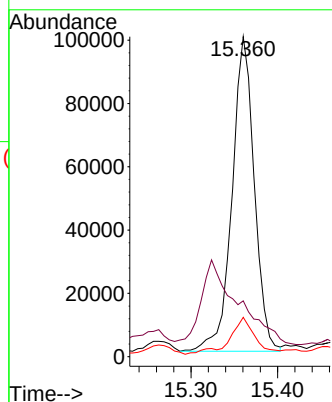
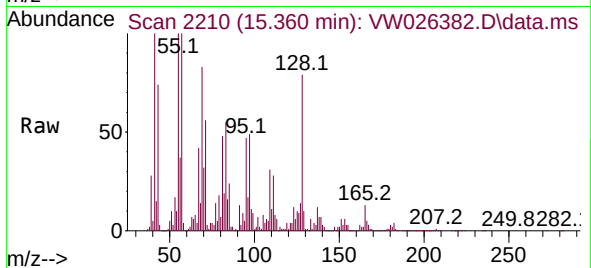
Tgt Ion:128 Resp: 177571

Ion Ratio Lower Upper

128 100

127 0.0 10.9 16.3#

129 9.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 7.110 ug/L

RT: 15.555 min Scan# 2242

Delta R.T. 0.006 min

Lab File: VW026382.D

Acq: 28 Jun 2023 03:13

Tgt Ion:180 Resp: 40553

Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.6

145 152.0 28.5 42.7#

