

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072123\
 Data File : VW026632.D
 Acq On : 21 Jul 2023 11:40
 Operator : SY/MD
 Sample : 03656-17
 Misc : 6.58g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BH2T8

Quant Time: Jul 22 01:27:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 22 01:25:56 2023
 Response via : Initial Calibration

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

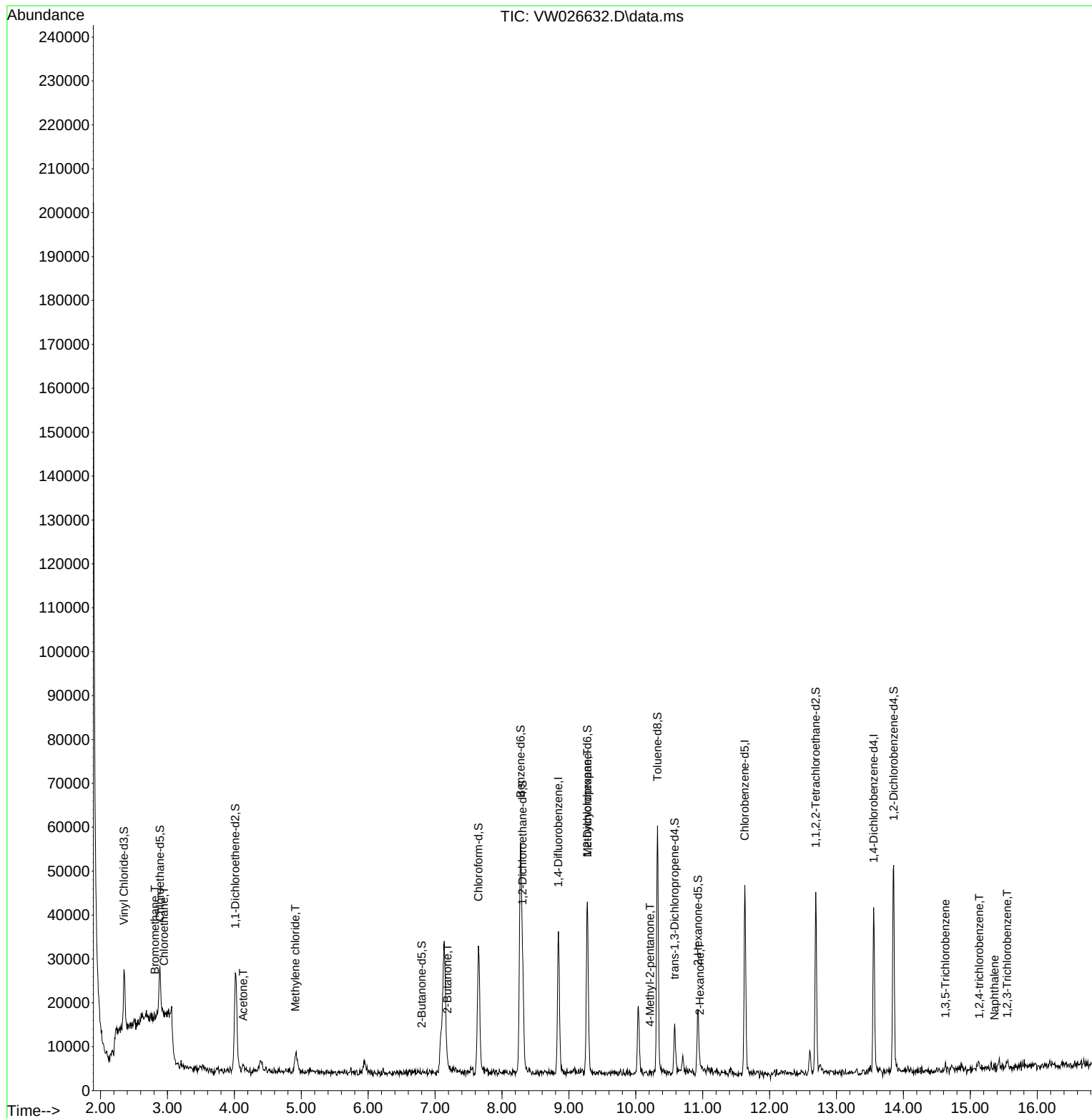
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	24105	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	21654	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	8841	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.350	65	16042	39.454	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 157.800%#	
7) Chloroethane-d5	2.887	69	13041	45.708	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 182.840%#	
11) 1,1-Dichloroethene-d2	4.015	65	7534	39.456	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 157.840%#	
21) 2-Butanone-d5	6.801	46	126	0.959	ug/L	-0.28
Spiked Amount	50.000	Range	20 - 135	Recovery	= 1.920%#	
24) Chloroform-d	7.648	84	28631	41.255	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 165.040%#	
26) 1,2-Dichloroethane-d4	8.307	65	17473	45.092	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 180.360%#	
32) Benzene-d6	8.276	84	52330	35.204	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 140.800%#	
36) 1,2-Dichloropropane-d6	9.276	67	18714	40.943	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 163.760%#	
41) Toluene-d8	10.325	98	36115	28.326	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 113.320%#	
43) trans-1,3-Dichloroprop...	10.581	79	6211	33.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 135.640%#	
47) 2-Hexanone-d5	10.928	63	3953	44.322	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 88.640%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	20336	52.539	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 210.160%#	
66) 1,2-Dichlorobenzene-d4	13.854	152	11511	35.462	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 141.840%#	
Target Compounds						
					Qvalue	
6) Bromomethane	2.814	94	153	0.703	ug/L	98
8) Chloroethane	2.948	64	292	1.275	ug/L	93
13) Acetone	4.131	43	2010	21.264	ug/L	90
16) Methylene chloride	4.911	84	1765	4.145	ug/L	91
22) 2-Butanone	7.185	43	593	4.120	ug/L	78
35) Methylcyclohexane	9.276	83	4336	6.301	ug/L #	18
40) 4-Methyl-2-pentanone	10.215	43	410	1.371	ug/L #	79
48) 2-Hexanone	10.959	43	342	1.639	ug/L #	39
69) 1,3,5-Trichlorobenzene	14.629	180	241	0.634	ug/L #	65
70) 1,2,4-trichlorobenzene	15.135	180	215	0.690	ug/L #	14
71) Naphthalene	15.360	128	570	0.807	ug/L #	80
72) 1,2,3-Trichlorobenzene	15.549	180	322	1.097	ug/L #	55

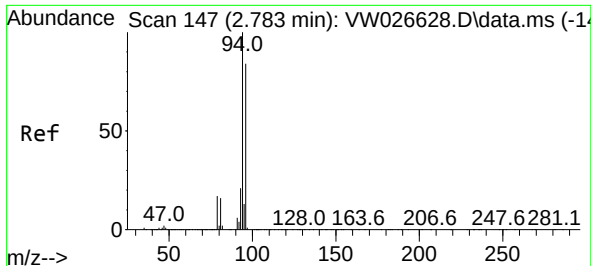
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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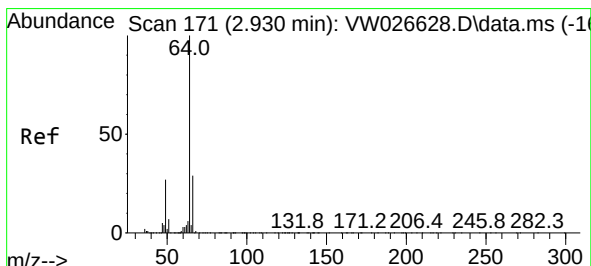
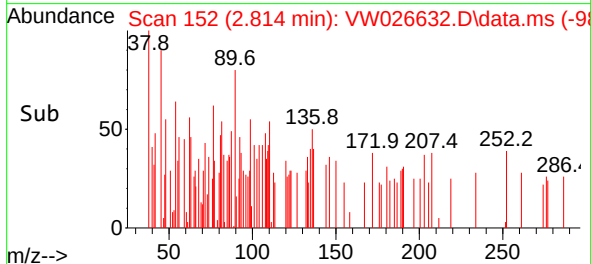
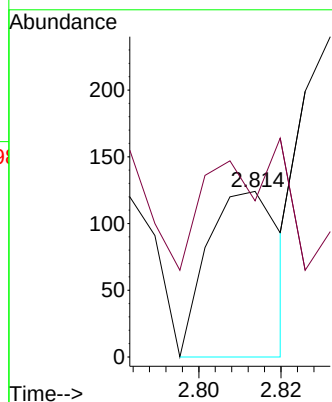
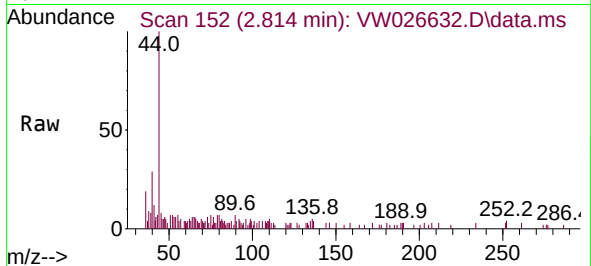




#6
Bromomethane
Concen: 0.703 ug/L
RT: 2.814 min Scan# 11
Delta R.T. 0.030 min
Lab File: VW026632.D
Acq: 21 Jul 2023 11:40

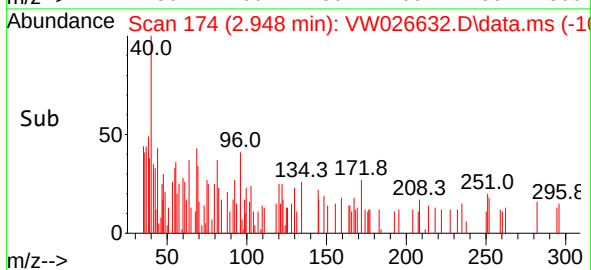
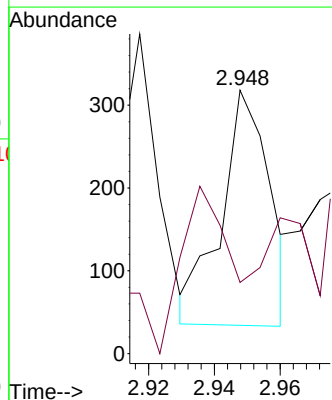
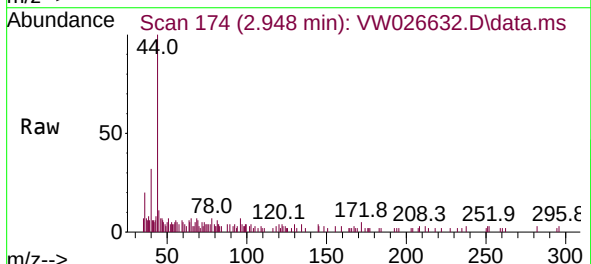
Instrument :
MSVOA_W
ClientSampleId :
BH2T8

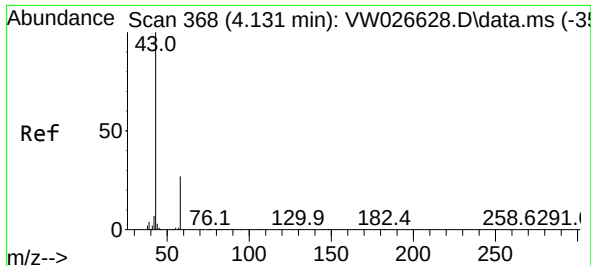
Tgt Ion: 94 Resp: 153
Ion Ratio Lower Upper
94 100
96 94.4 64.5 119.9



#8
Chloroethane
Concen: 1.275 ug/L
RT: 2.948 min Scan# 174
Delta R.T. 0.018 min
Lab File: VW026632.D
Acq: 21 Jul 2023 11:40

Tgt Ion: 64 Resp: 292
Ion Ratio Lower Upper
64 100
66 27.0 21.7 40.3

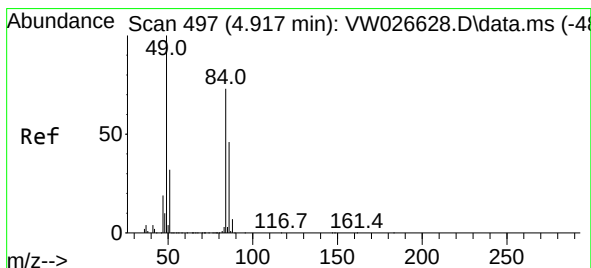
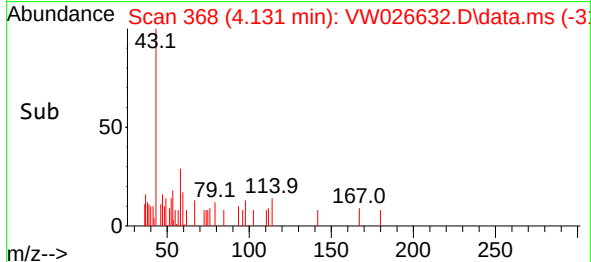
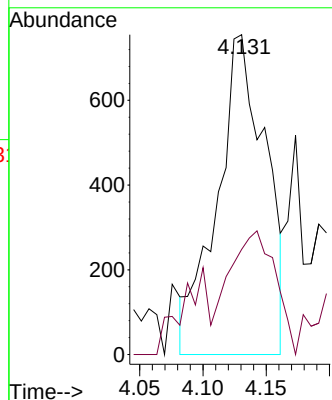
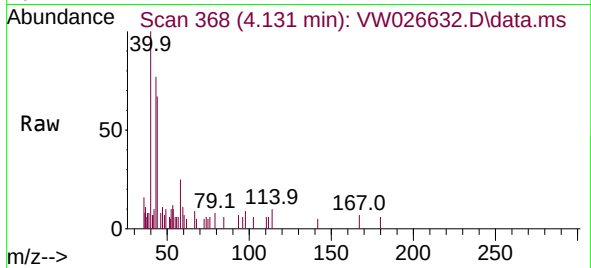




#13
Acetone
Concen: 21.264 ug/L
RT: 4.131 min Scan# 368
Delta R.T. -0.000 min
Lab File: VW026632.D
Acq: 21 Jul 2023 11:40

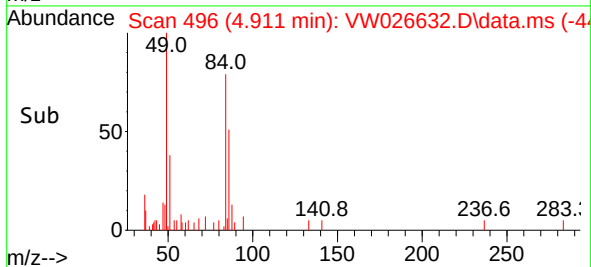
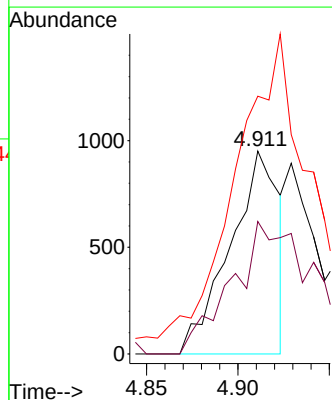
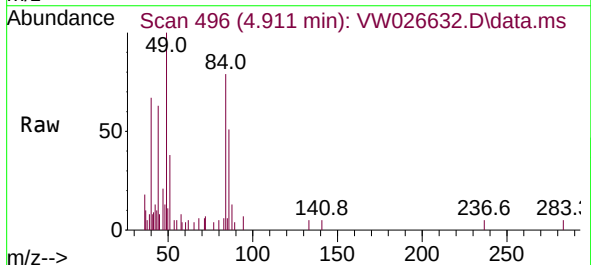
Instrument :
MSVOA_W
ClientSampleId :
BH2T8

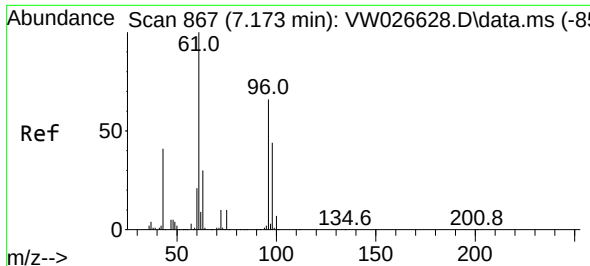
Tgt Ion: 43 Resp: 2010
Ion Ratio Lower Upper
43 100
58 37.1 0.0 63.2



#16
Methylene chloride
Concen: 4.145 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW026632.D
Acq: 21 Jul 2023 11:40

Tgt Ion: 84 Resp: 1765
Ion Ratio Lower Upper
84 100
86 65.3 43.8 81.3
49 127.0 99.2 184.2

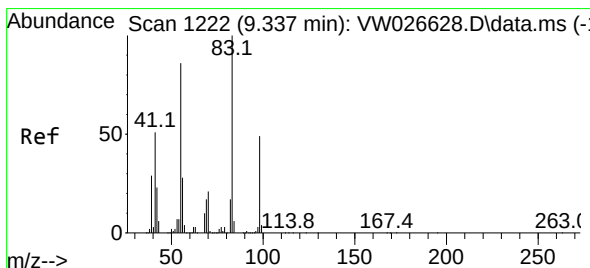
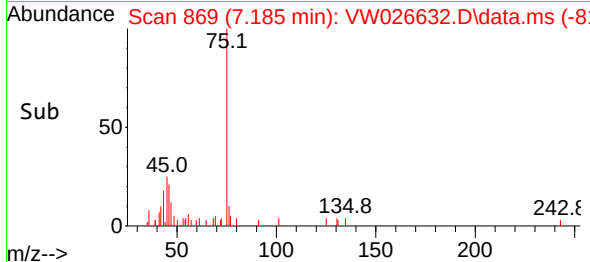
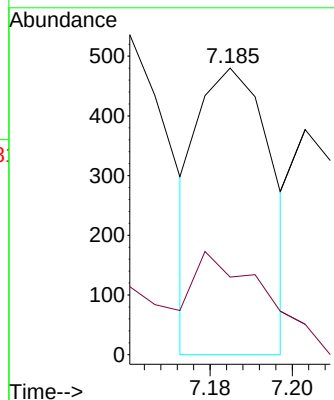
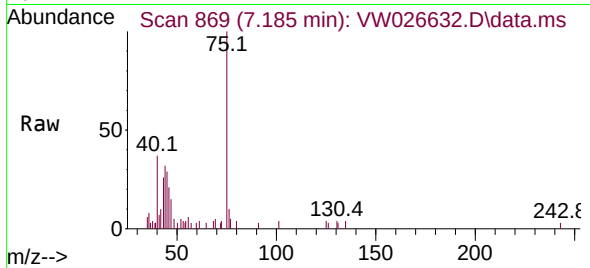




#22
2-Butanone
Concen: 4.120 ug/L
RT: 7.185 min Scan# 80
Delta R.T. 0.012 min
Lab File: VW026632.D
Acq: 21 Jul 2023 11:40

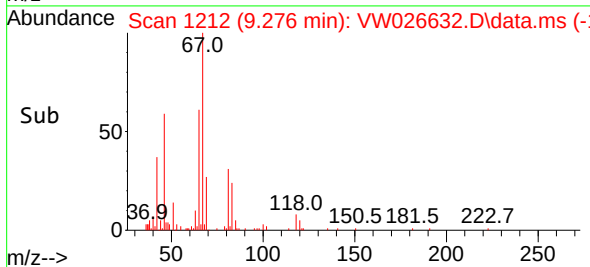
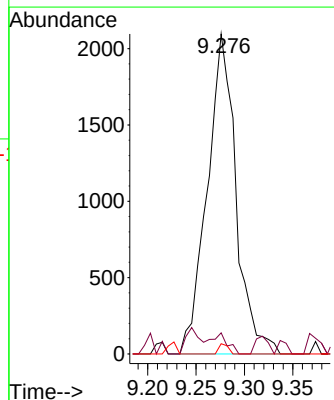
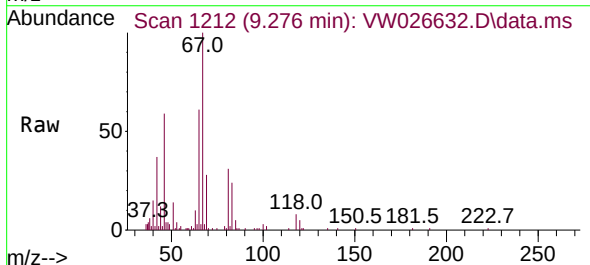
Instrument :
MSVOA_W
ClientSampleId :
BH2T8

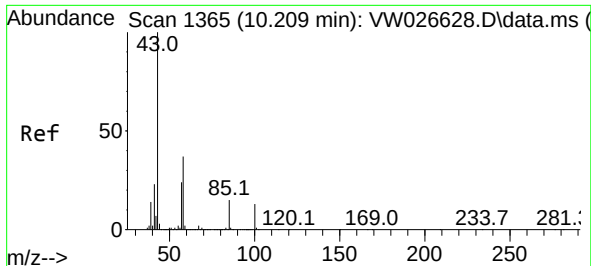
Tgt Ion: 43 Resp: 593
Ion Ratio Lower Upper
43 100
72 34.6 11.9 35.5



#35
Methylcyclohexane
Concen: 6.301 ug/L
RT: 9.276 min Scan# 1212
Delta R.T. -0.061 min
Lab File: VW026632.D
Acq: 21 Jul 2023 11:40

Tgt Ion: 83 Resp: 4336
Ion Ratio Lower Upper
83 100
55 3.7 68.7 103.1#
98 1.0 37.3 55.9#





#40

4-Methyl-2-pentanone

Concen: 1.371 ug/L

RT: 10.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026632.D

Acq: 21 Jul 2023 11:40

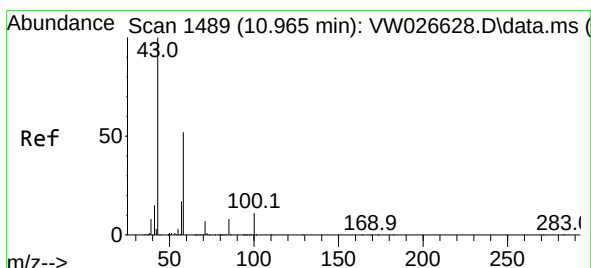
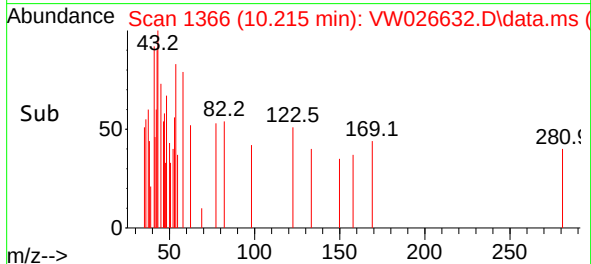
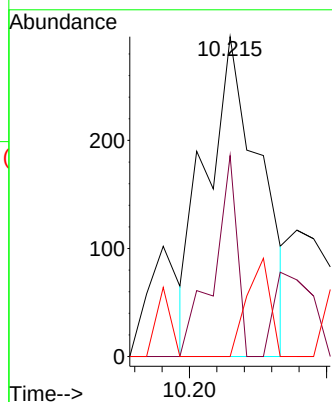
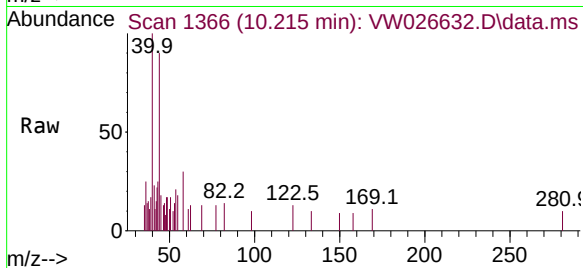
Instrument :

MSVOA_W

ClientSampleId :

BH2T8

Tgt Ion: 43	Resp:	410
Ion Ratio	Lower	Upper
43	100	
58	27.1	29.8 44.8#
100	0.0	10.7 16.1#



#48

2-Hexanone

Concen: 1.639 ug/L

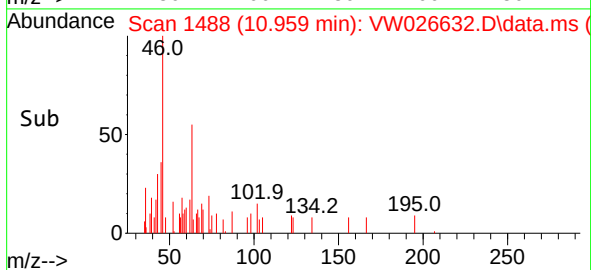
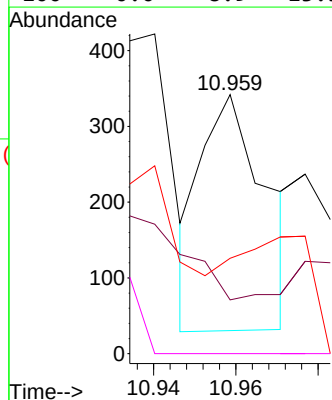
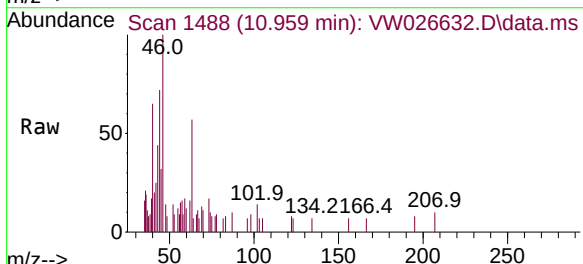
RT: 10.959 min Scan# 1488

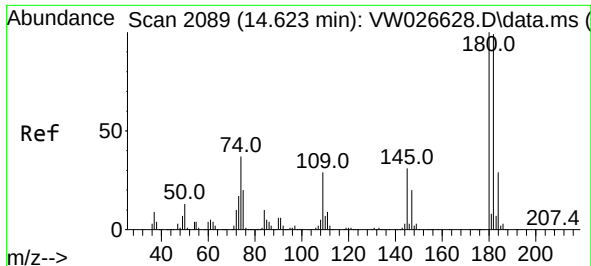
Delta R.T. -0.006 min

Lab File: VW026632.D

Acq: 21 Jul 2023 11:40

Tgt Ion: 43	Resp:	342
Ion Ratio	Lower	Upper
43	100	
58	0.0	42.1 63.1#
57	0.0	14.8 22.2#
100	0.0	8.9 13.3#





#69

1,3,5-Trichlorobenzene

Concen: 0.634 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW026632.D

Acq: 21 Jul 2023 11:40

Instrument :

MSVOA_W

ClientSampleId :

BH2T8

Tgt Ion:180 Resp: 241

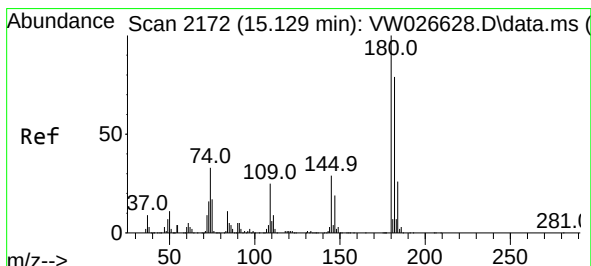
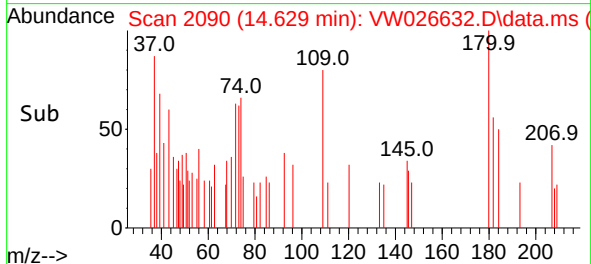
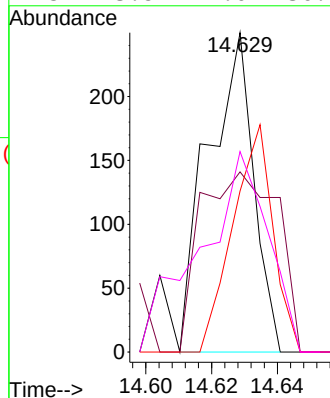
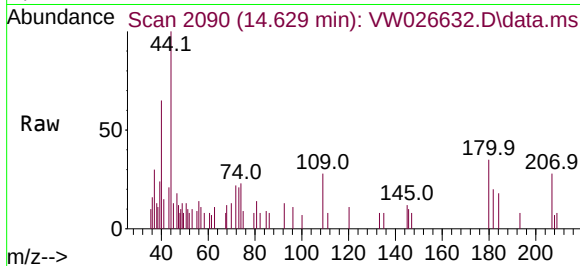
Ion Ratio Lower Upper

180 100

182 95.4 75.8 113.6

184 62.2 23.7 35.5#

145 93.8 24.6 36.8#



#70

1,2,4-trichlorobenzene

Concen: 0.690 ug/L

RT: 15.135 min Scan# 2173

Delta R.T. 0.006 min

Lab File: VW026632.D

Acq: 21 Jul 2023 11:40

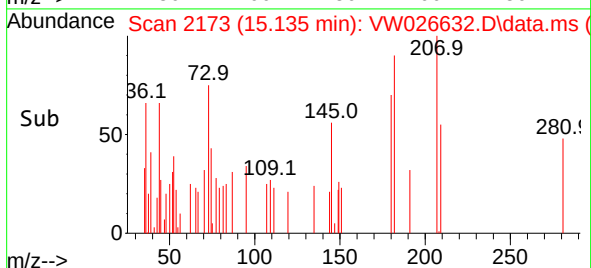
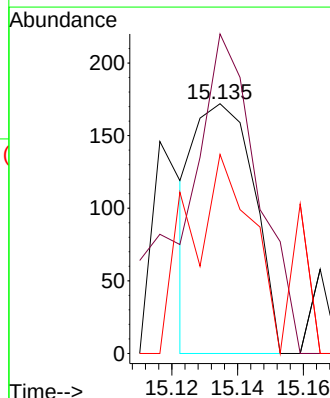
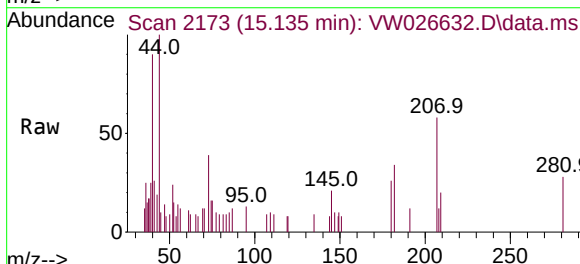
Tgt Ion:180 Resp: 215

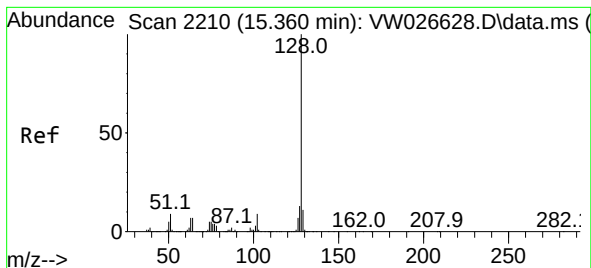
Ion Ratio Lower Upper

180 100

182 170.2 73.5 110.3#

145 84.2 25.0 37.6#





#71

Naphthalene

Concen: 0.807 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW026632.D

Acq: 21 Jul 2023 11:40

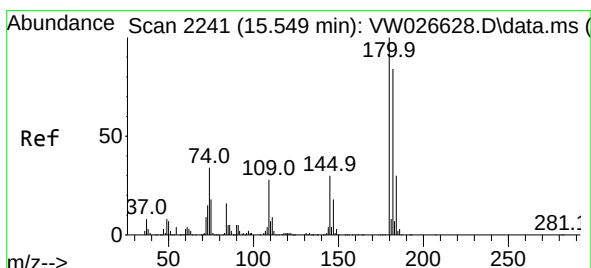
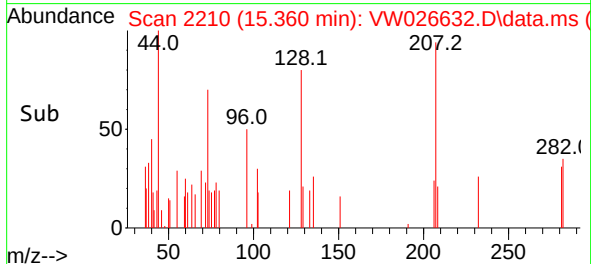
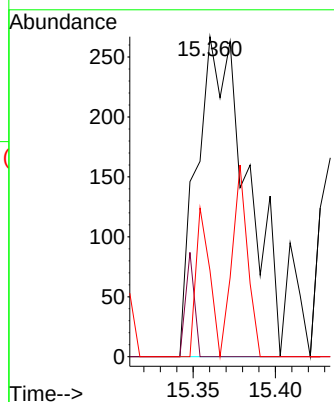
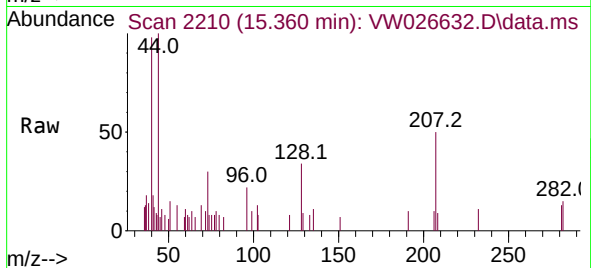
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Tgt Ion:	128	Resp:	570
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	12.6	8.7	13.1



#72

1,2,3-Trichlorobenzene

Concen: 1.097 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026632.D

Acq: 21 Jul 2023 11:40

Tgt Ion:	180	Resp:	322
Ion	Ratio	Lower	Upper
180	100		
182	51.2	75.2	112.8#
145	6.8	26.6	40.0#

