

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026494.D
 Acq On : 01 Jul 2023 00:48
 Operator : SY/MD
 Sample : 03444-13
 Misc : 4.56g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46T7

Quant Time: Jul 03 01:13:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 01 01:41:22 2023
 Response via : Initial Calibration

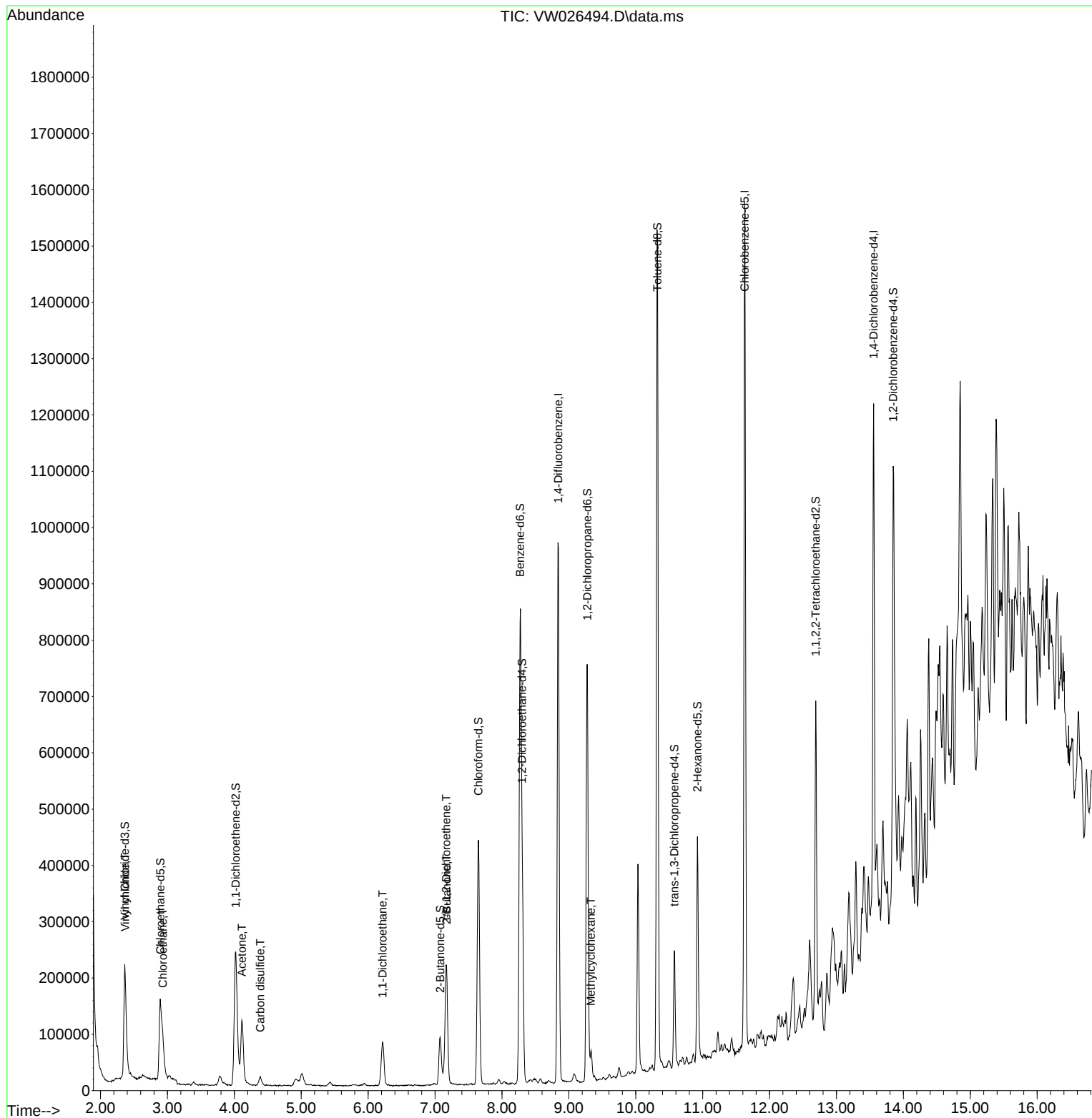
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	748846	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	791384	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	236009	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	203528	23.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.480%
7) Chloroethane-d5	2.893	69	209795	30.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.880%
11) 1,1-Dichloroethene-d2	4.021	65	93186	21.843	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.360%
21) 2-Butanone-d5	7.075	46	151002	46.862	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.720%
24) Chloroform-d	7.648	84	421566	23.096	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	8.301	65	257804	25.840	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.360%
32) Benzene-d6	8.270	84	823327	17.888	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.560%
36) 1,2-Dichloropropane-d6	9.276	67	349828	23.848	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.400%
41) Toluene-d8	10.325	98	972280	23.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.640%
43) trans-1,3-Dichloroprop...	10.575	79	114710	19.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.600%
47) 2-Hexanone-d5	10.922	63	129094	52.623	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.240%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	263657	23.278	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.120%
66) 1,2-Dichlorobenzene-d4	13.849	152	177095	21.550	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.369	62	115619	10.891	ug/L	96
8) Chloroethane	2.930	64	74232	11.529	ug/L	98
13) Acetone	4.112	43	189577	83.284	ug/L	92
14) Carbon disulfide	4.387	76	30980	1.142	ug/L	100
19) 1,1-Dichloroethane	6.216	63	111727	6.155	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	92567	9.059	ug/L	97
22) 2-Butanone	7.173	43	81954	21.960	ug/L	100
35) Methylcyclohexane	9.331	83	17338	0.771	ug/L #	68

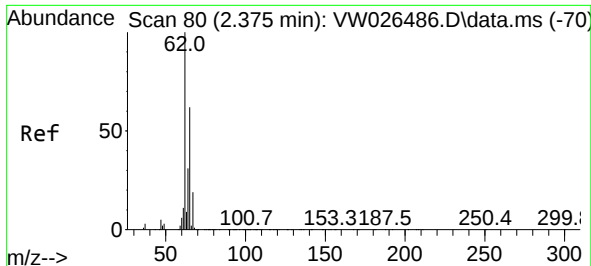
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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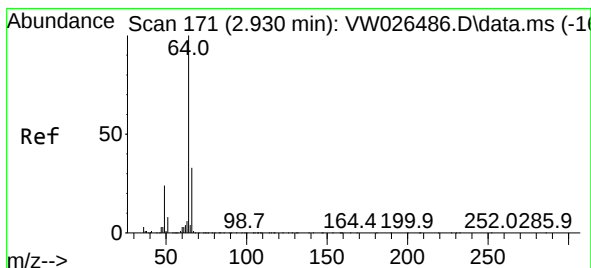
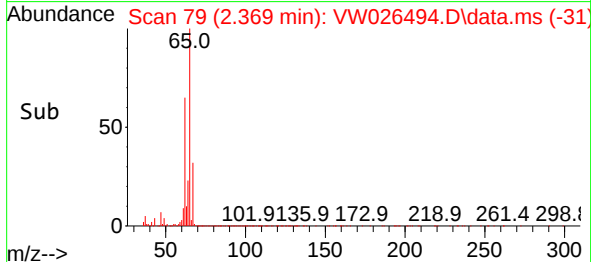
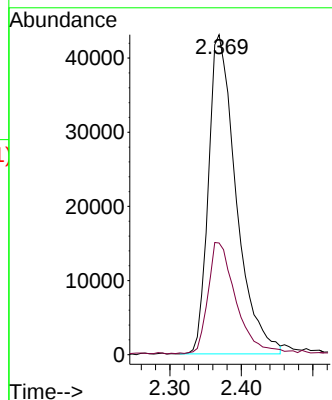
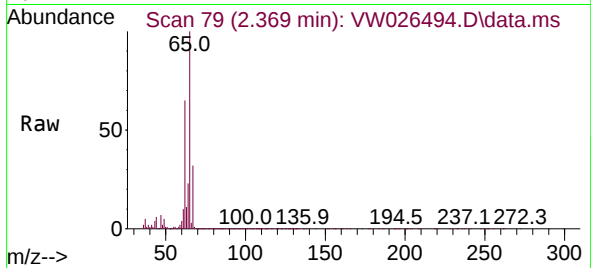




#5
 Vinyl chloride
 Concen: 10.891 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW026494.D
 Acq: 01 Jul 2023 00:48

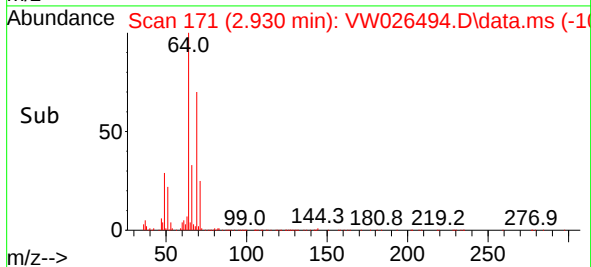
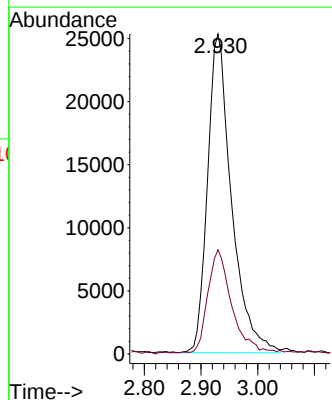
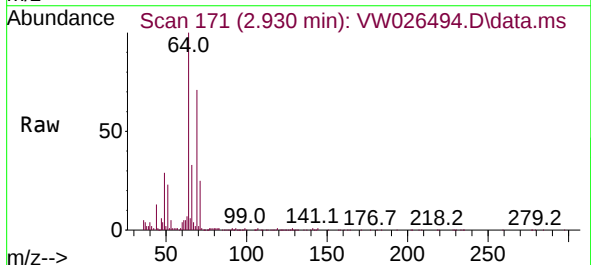
Instrument :
 MSVOA_W
 ClientSampleId :
 A46T7

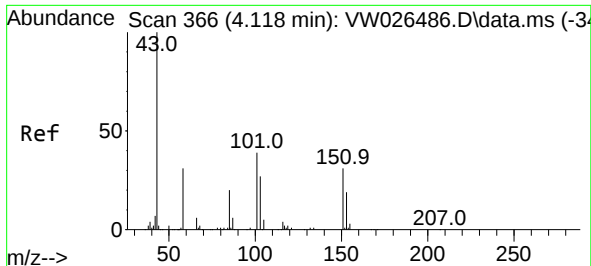
Tgt Ion: 62 Resp: 115619
 Ion Ratio Lower Upper
 62 100
 64 34.9 23.0 42.8



#8
 Chloroethane
 Concen: 11.529 ug/L
 RT: 2.930 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VW026494.D
 Acq: 01 Jul 2023 00:48

Tgt Ion: 64 Resp: 74232
 Ion Ratio Lower Upper
 64 100
 66 32.6 22.1 41.1

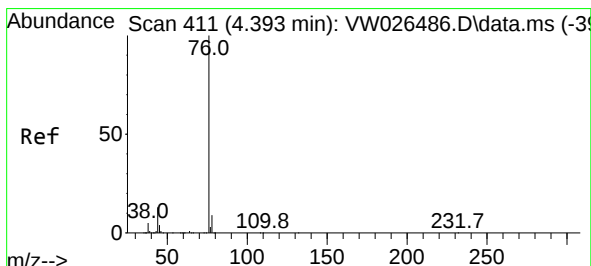
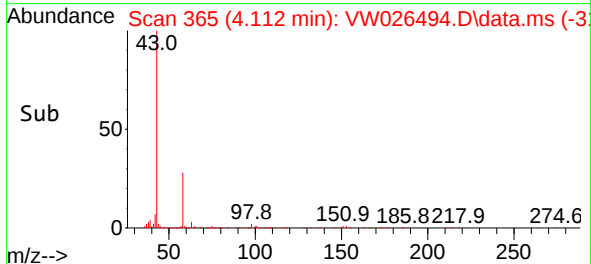
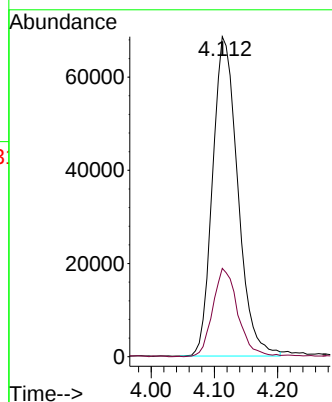
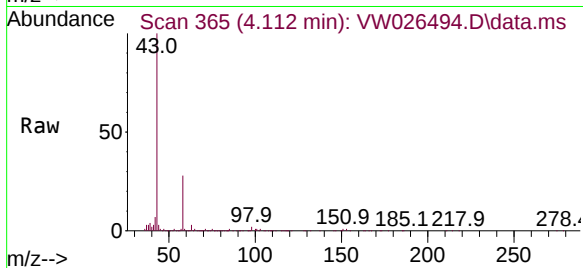




#13
Acetone
Concen: 83.284 ug/L
RT: 4.112 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW026494.D
Acq: 01 Jul 2023 00:48

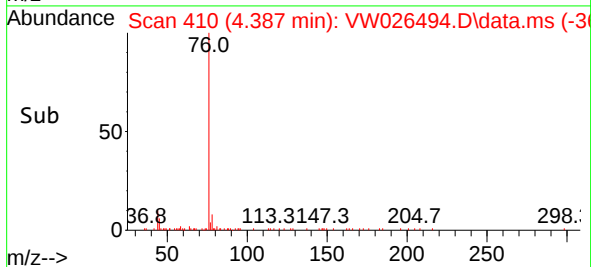
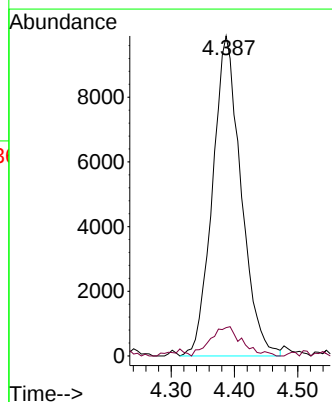
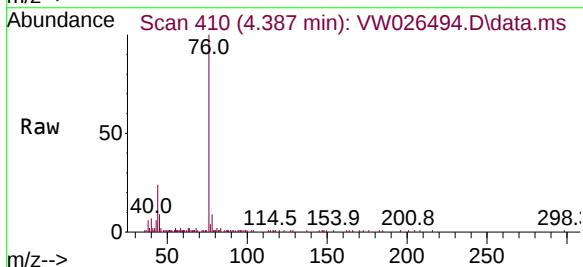
Instrument :
MSVOA_W
ClientSampleId :
A46T7

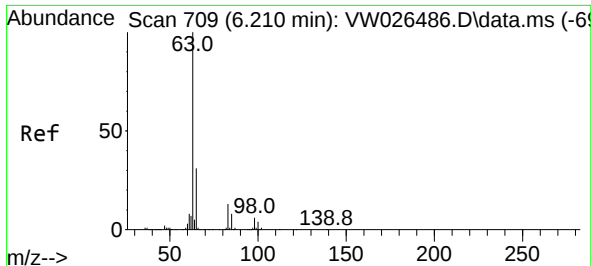
Tgt Ion: 43 Resp: 189577
Ion Ratio Lower Upper
43 100
58 27.4 0.0 63.2



#14
Carbon disulfide
Concen: 1.142 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW026494.D
Acq: 01 Jul 2023 00:48

Tgt Ion: 76 Resp: 30980
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

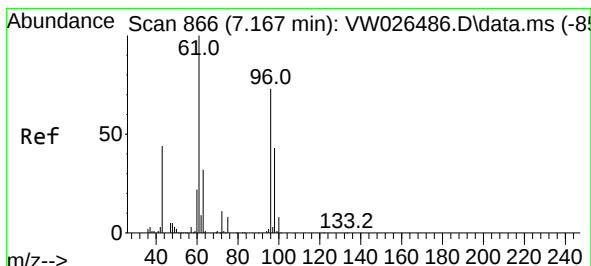
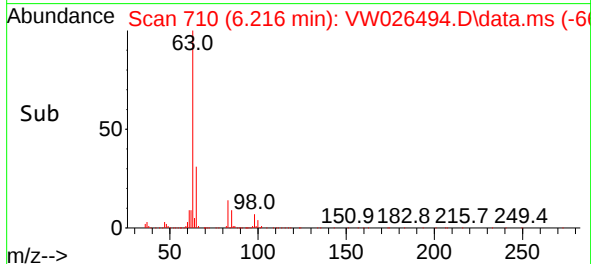
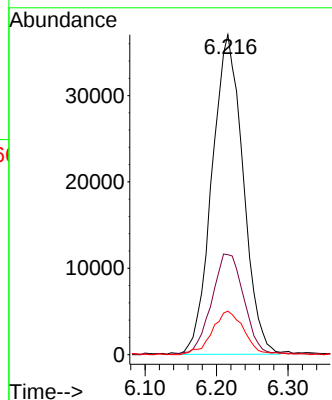
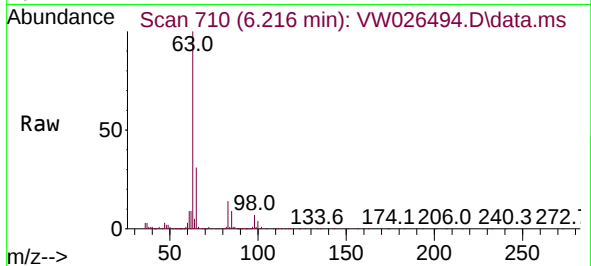




#19
1,1-Dichloroethane
Concen: 6.155 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW026494.D
Acq: 01 Jul 2023 00:48

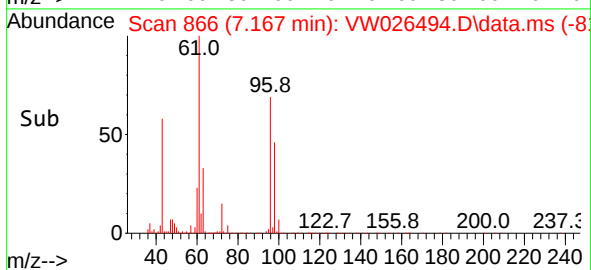
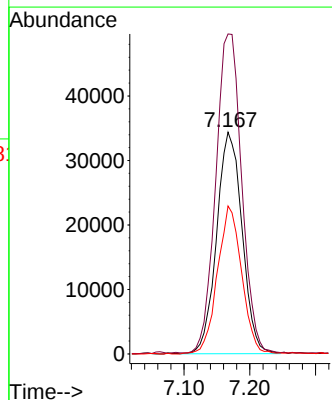
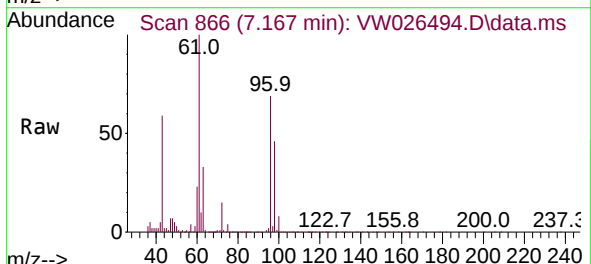
Instrument :
MSVOA_W
ClientSampleId :
A46T7

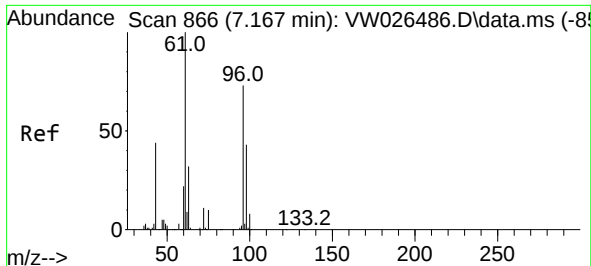
Tgt Ion: 63 Resp: 111727
Ion Ratio Lower Upper
63 100
65 31.2 22.3 41.5
83 13.6 8.3 15.3



#20
cis-1,2-Dichloroethene
Concen: 9.059 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026494.D
Acq: 01 Jul 2023 00:48

Tgt Ion: 96 Resp: 92567
Ion Ratio Lower Upper
96 100
61 144.3 99.3 184.5
98 66.8 44.3 82.3

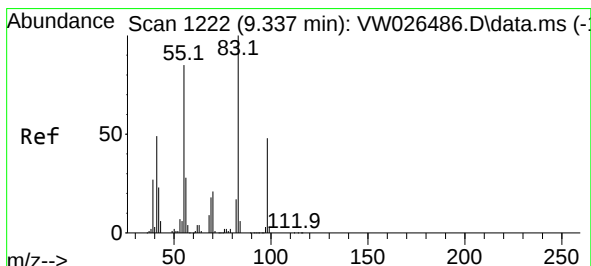
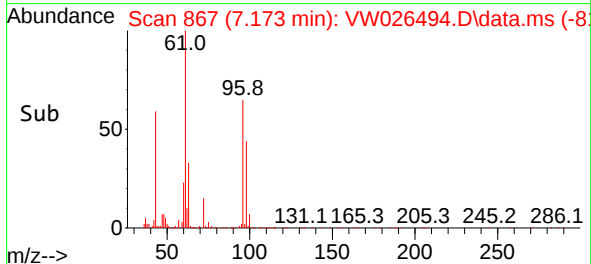
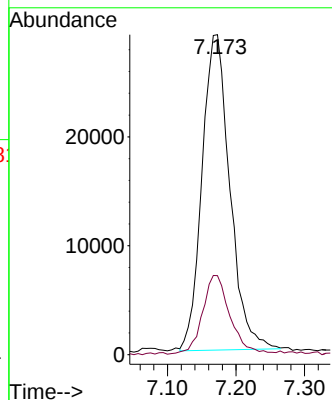
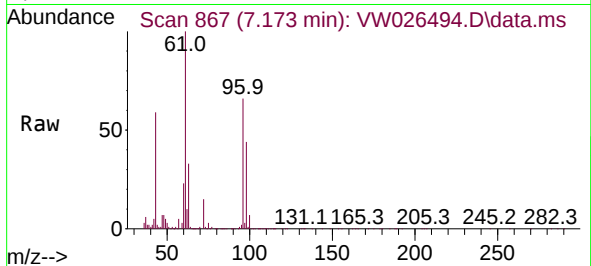




#22
2-Butanone
Concen: 21.960 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026494.D
Acq: 01 Jul 2023 00:48

Instrument :
MSVOA_W
ClientSampleId :
A46T7

Tgt Ion: 43 Resp: 81954
Ion Ratio Lower Upper
43 100
72 25.3 12.6 37.8



#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026494.D
Acq: 01 Jul 2023 00:48

Tgt Ion: 83 Resp: 17338
Ion Ratio Lower Upper
83 100
55 125.5 66.5 99.7#
98 50.1 37.0 55.6

