

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026493.D
 Acq On : 01 Jul 2023 00:24
 Operator : SY/MD
 Sample : 03444-12
 Misc : 4.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46T6

Quant Time: Jul 03 01:13:35 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)

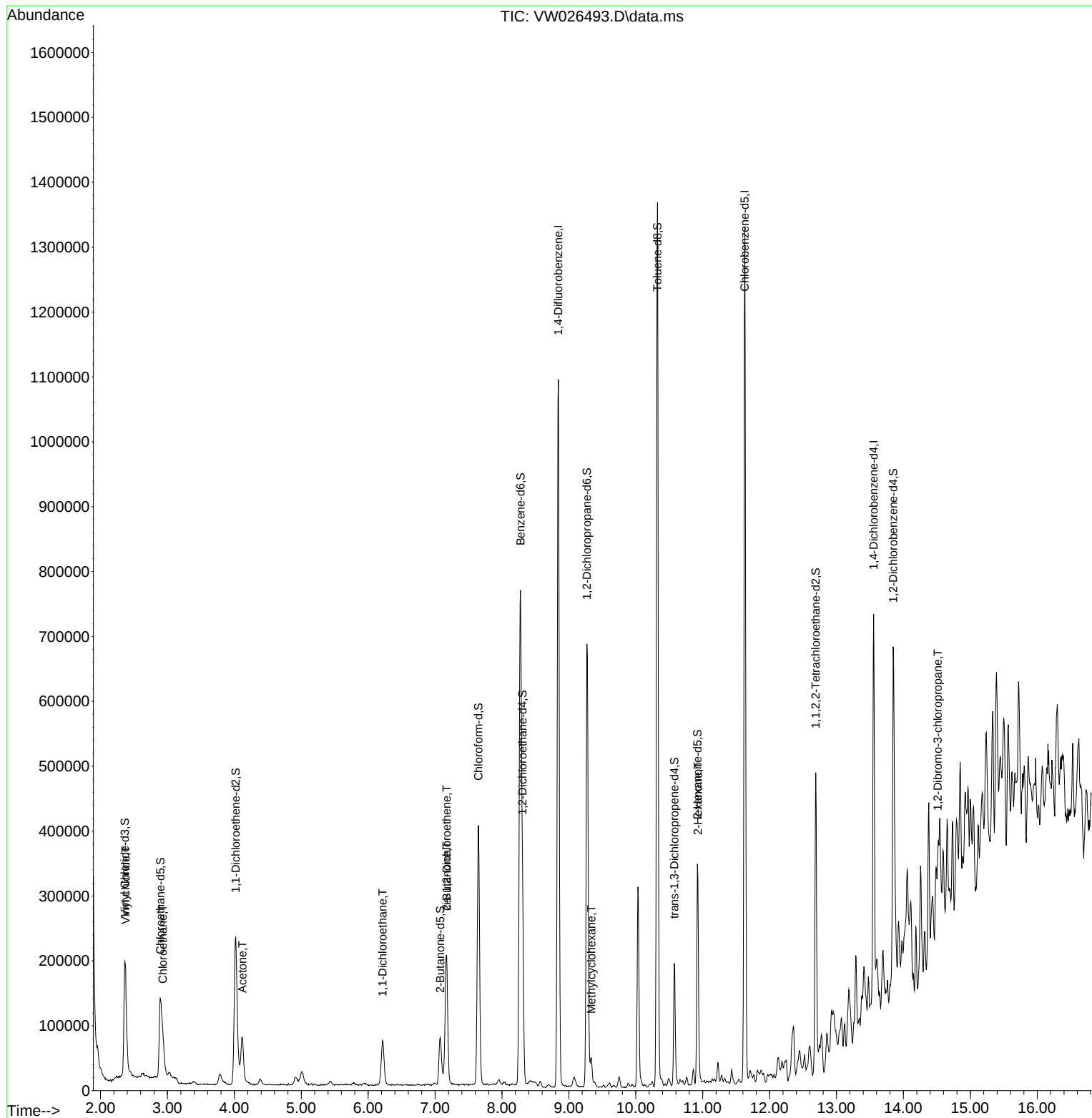
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	879299	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	685594	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	150479	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	167821	16.762	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.040%
7) Chloroethane-d5	2.893	69	194559	23.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.480%
11) 1,1-Dichloroethene-d2	4.021	65	84484	16.865	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.480%
21) 2-Butanone-d5	7.075	46	131548	34.768	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.540%
24) Chloroform-d	7.648	84	382673	17.855	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.400%
26) 1,2-Dichloroethane-d4	8.307	65	234612	20.027	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.120%
32) Benzene-d6	8.276	84	746479	18.721	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.880%
36) 1,2-Dichloropropane-d6	9.270	67	317862	25.012	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.040%
41) Toluene-d8	10.325	98	875367	24.853	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	10.575	79	104269	20.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.440%
47) 2-Hexanone-d5	10.922	63	115816	54.495	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	207563	21.153	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	115739	22.089	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.360%
Target Compounds						Qvalue
5) Vinyl chloride	2.375	62	124917	10.021	ug/L	98
8) Chloroethane	2.930	64	60672	8.025	ug/L	98
13) Acetone	4.119	43	120028	44.907	ug/L	91
19) 1,1-Dichloroethane	6.216	63	98696	4.631	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	96553	8.048	ug/L	96
22) 2-Butanone	7.173	43	51766	11.813	ug/L	98
35) Methylcyclohexane	9.337	83	13995	0.718	ug/L #	73
48) 2-Hexanone	10.928	43	23468	4.468	ug/L #	57
68) 1,2-Dibromo-3-chloropr...	14.513	75	1182	1.568	ug/L #	49

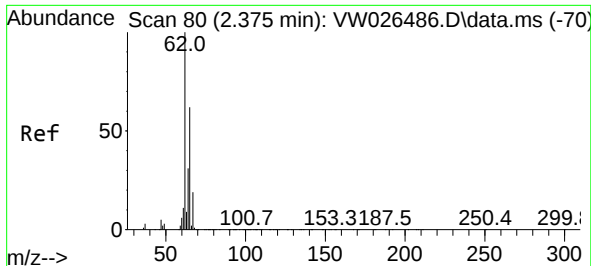
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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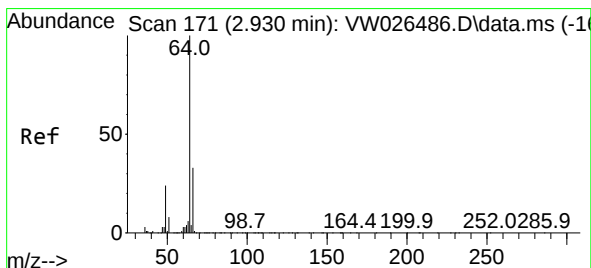
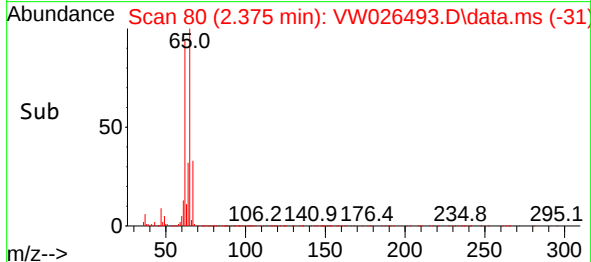
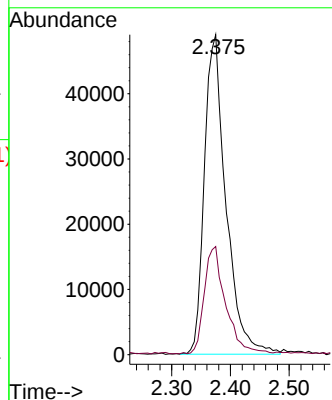
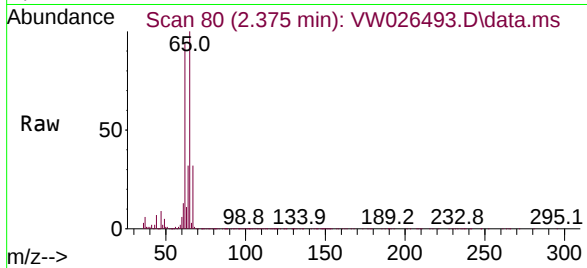




#5
 Vinyl chloride
 Concen: 10.021 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026493.D
 Acq: 01 Jul 2023 00:24

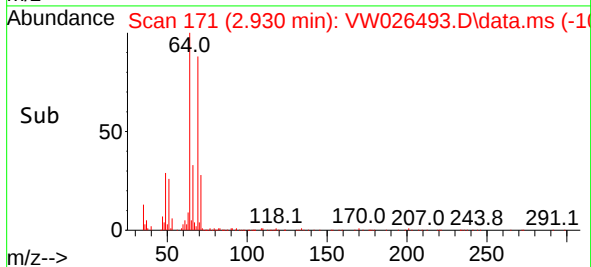
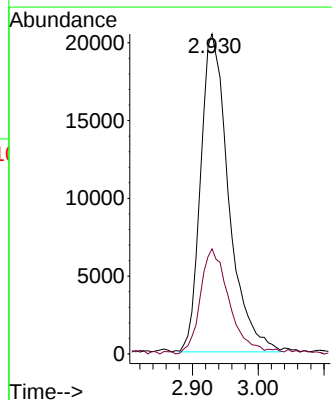
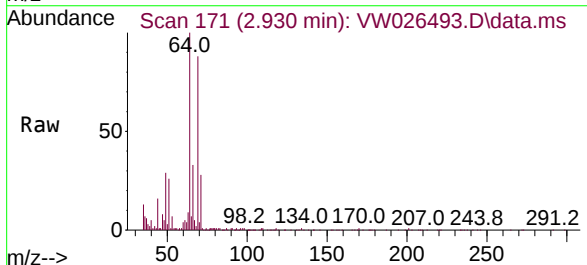
Instrument :
 MSVOA_W
 ClientSampleId :
 A46T6

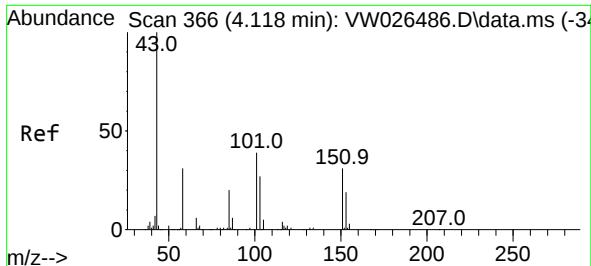
Tgt Ion: 62 Resp: 124917
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.0 42.8



#8
 Chloroethane
 Concen: 8.025 ug/L
 RT: 2.930 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VW026493.D
 Acq: 01 Jul 2023 00:24

Tgt Ion: 64 Resp: 60672
 Ion Ratio Lower Upper
 64 100
 66 32.9 22.1 41.1

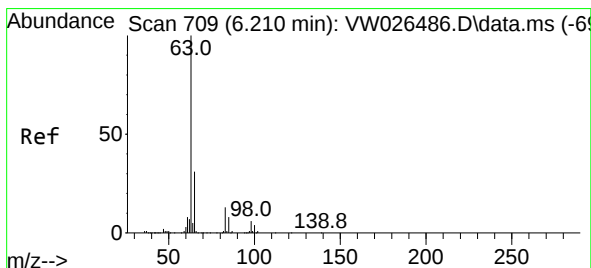
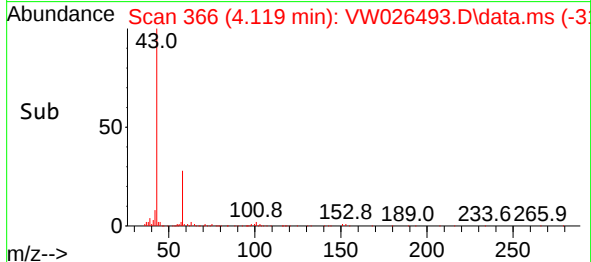
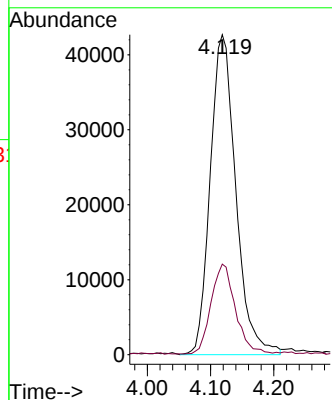
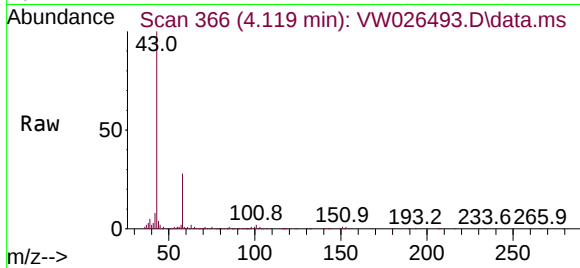




#13
Acetone
Concen: 44.907 ug/L
RT: 4.119 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW026493.D
Acq: 01 Jul 2023 00:24

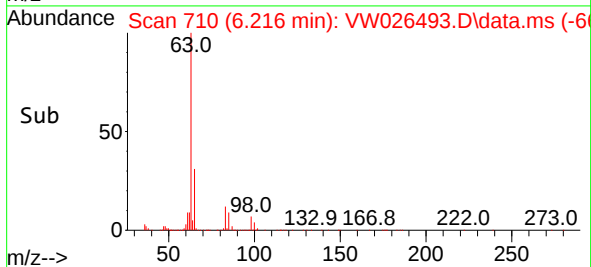
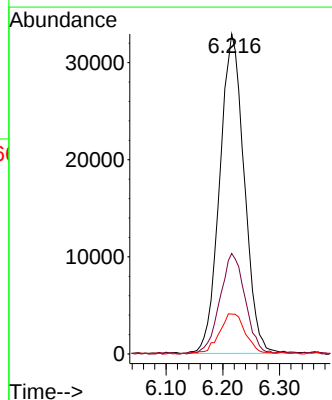
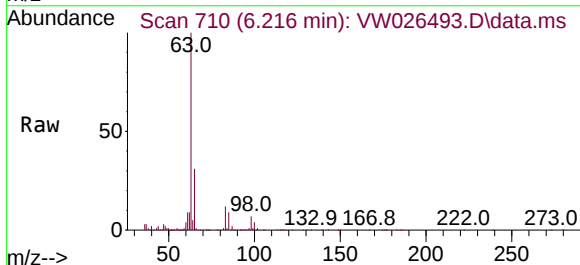
Instrument :
MSVOA_W
ClientSampleId :
A46T6

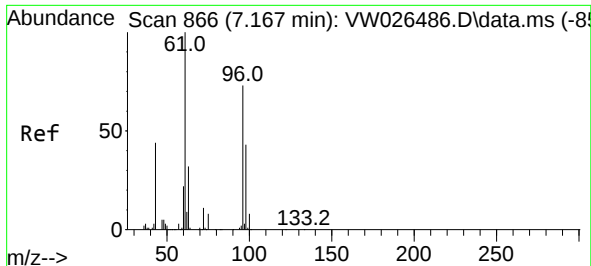
Tgt Ion: 43 Resp: 120028
Ion Ratio Lower Upper
43 100
58 26.5 0.0 63.2



#19
1,1-Dichloroethane
Concen: 4.631 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW026493.D
Acq: 01 Jul 2023 00:24

Tgt Ion: 63 Resp: 98696
Ion Ratio Lower Upper
63 100
65 31.4 22.3 41.5
83 12.5 8.3 15.3

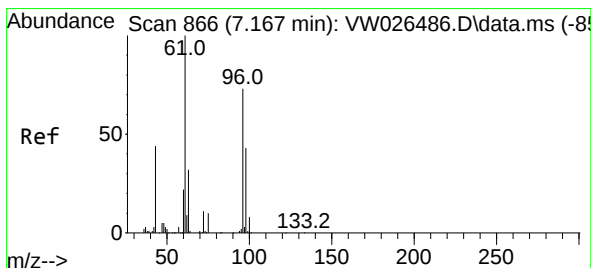
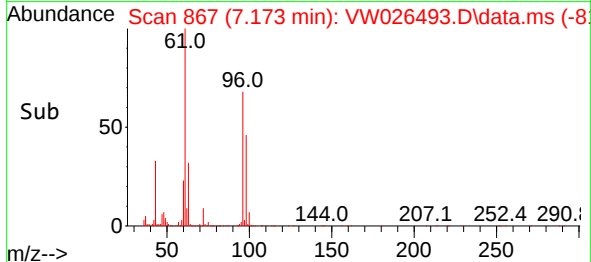
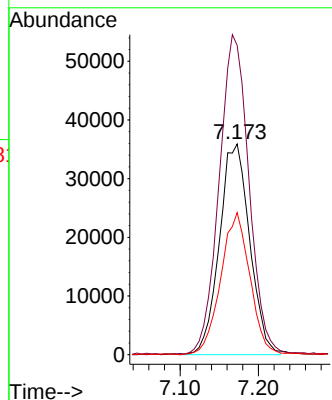
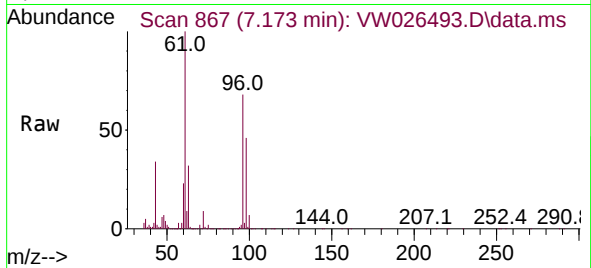




#20
 cis-1,2-Dichloroethene
 Concen: 8.048 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW026493.D
 Acq: 01 Jul 2023 00:24

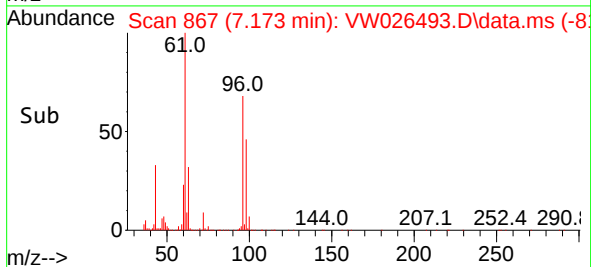
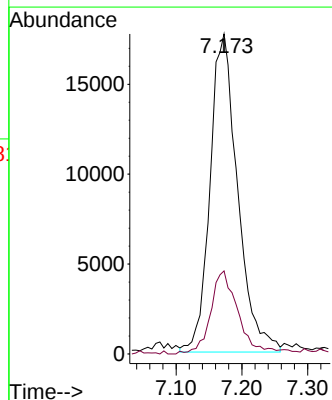
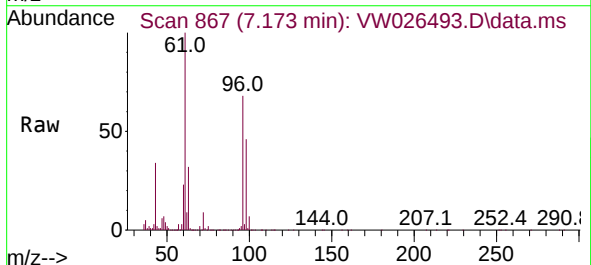
Instrument :
 MSVOA_W
 ClientSampleId :
 A46T6

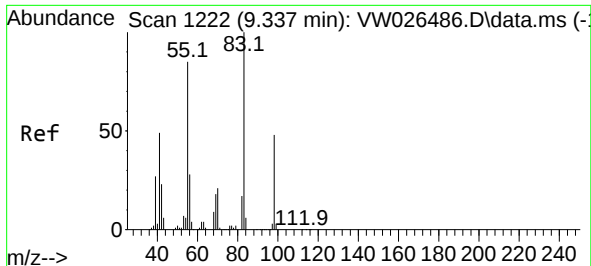
Tgt Ion: 96 Resp: 96553
 Ion Ratio Lower Upper
 96 100
 61 146.8 99.3 184.5
 98 67.4 44.3 82.3



#22
 2-Butanone
 Concen: 11.813 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW026493.D
 Acq: 01 Jul 2023 00:24

Tgt Ion: 43 Resp: 51766
 Ion Ratio Lower Upper
 43 100
 72 24.4 12.6 37.8





#35

Methylcyclohexane

Concen: 0.718 ug/L

RT: 9.337 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026493.D

Acq: 01 Jul 2023 00:24

Instrument :

MSVOA_W

ClientSampleId :

A46T6

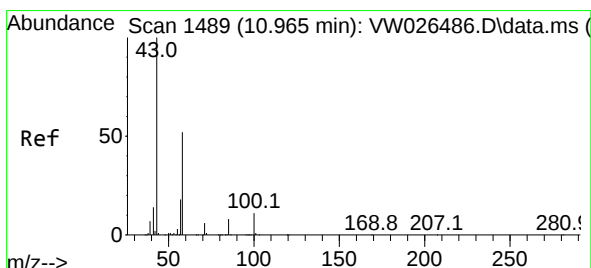
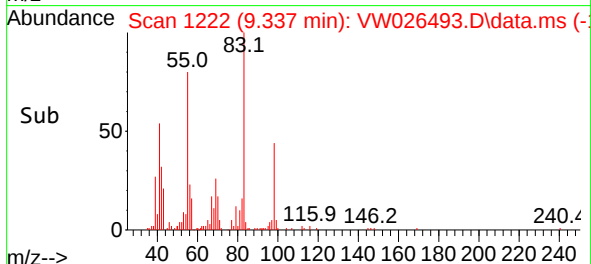
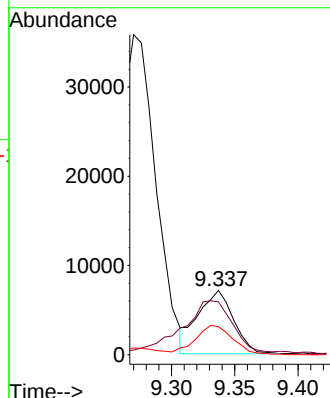
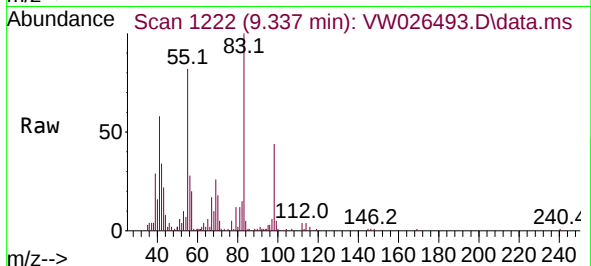
Tgt Ion: 83 Resp: 13995

Ion Ratio Lower Upper

83 100

55 119.6 66.5 99.7#

98 48.2 37.0 55.6



#48

2-Hexanone

Concen: 4.468 ug/L

RT: 10.928 min Scan# 1483

Delta R.T. -0.037 min

Lab File: VW026493.D

Acq: 01 Jul 2023 00:24

Tgt Ion: 43 Resp: 23468

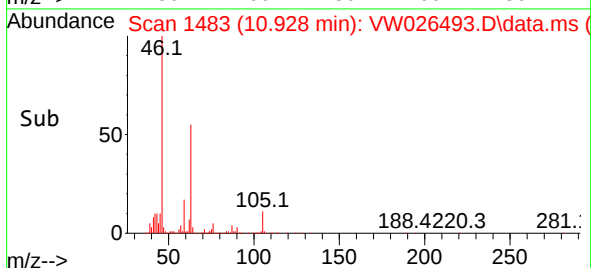
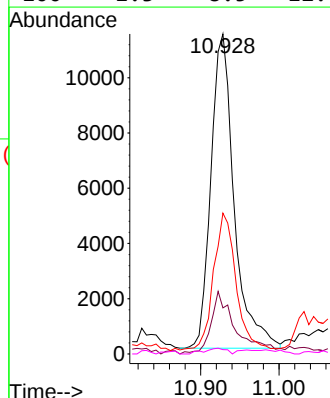
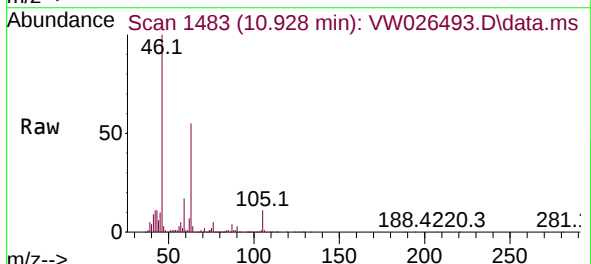
Ion Ratio Lower Upper

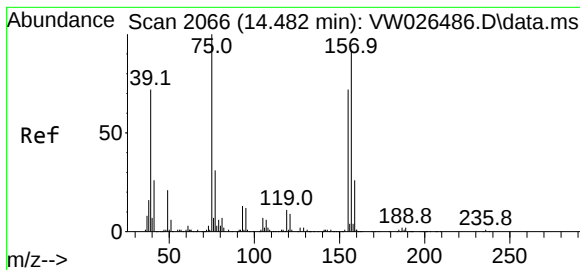
43 100

58 21.8 42.1 63.1#

57 42.0 14.5 21.7#

100 1.3 8.5 12.7#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.568 ug/L
 RT: 14.513 min Scan# 2066
 Delta R.T. 0.030 min
 Lab File: VW026493.D
 Acq: 01 Jul 2023 00:24

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Tgt Ion: 75 Resp: 1182
 Ion Ratio Lower Upper
 75 100
 155 82.5 58.5 87.7
 157 17.7 77.4 116.2#

