

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
 Data File : VW030083.D
 Acq On : 28 Aug 2024 17:57
 Operator : SY/MD
 Sample : P3733-07
 Misc : 6.88g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 01:17:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 29 01:10:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	114351	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	50118	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	6695	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	60746	35.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	142.800%
7) Chloroethane-d5	2.899	69	44851	37.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	148.560%
11) 1,1-Dichloroethene-d2	4.027	65	23515	32.344	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	129.360%#
21) 2-Butanone-d5	7.075	46	38722	114.151	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	228.300%#
24) Chloroform-d	7.648	84	97127	31.497	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	126.000%
26) 1,2-Dichloroethane-d4	8.307	65	58797	37.550	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	150.200%#
32) Benzene-d6	8.276	84	167824	56.730	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	226.920%#
36) 1,2-Dichloropropane-d6	9.270	67	59863	69.068	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	276.280%#
41) Toluene-d8	10.319	98	93053	34.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	138.240%#
43) trans-1,3-Dichloroprop...	10.575	79	15276	42.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	171.400%#
47) 2-Hexanone-d5	10.922	63	25651	193.371	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	386.740%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	32083	50.276	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	201.120%#
66) 1,2-Dichlorobenzene-d4	13.849	152	5058	20.887	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.560%
Target Compounds						Qvalue
13) Acetone	4.119	43	40160	129.437	ug/L	98
22) 2-Butanone	7.185	43	3782	8.518	ug/L #	59
30) 1,1,1-Trichloroethane	7.868	97	17803	15.166	ug/L	98
31) Carbon tetrachloride	7.874	117	2295	2.176	ug/L	90
34) Trichloroethene	8.837	95	3668	4.242	ug/L #	8
39) cis-1,3-Dichloropropene	10.032	75	1353	1.081	ug/L	85
40) 4-Methyl-2-pentanone	10.209	43	362	0.894	ug/L #	71
44) trans-1,3-Dichloropropene	10.575	75	726	0.717	ug/L #	67
46) Tetrachloroethene	10.855	164	2017	3.073	ug/L	92
49) Dibromochloromethane	10.861	129	1739	2.746	ug/L #	12
57) 1,1,2,2-Tetrachloroethane	12.715	83	452	0.673	ug/L #	86
60) Isopropylbenzene	13.269	105	1388	1.299	ug/L #	1
61) 1,2,3-Trichloropropane	13.556	75	894	6.567	ug/L #	59
62) 1,3,5-Trimethylbenzene	13.269	105	1388	1.748	ug/L #	29
63) 1,2,4-Trimethylbenzene	13.269	105	1388	1.658	ug/L #	31
71) Naphthalene	15.354	128	331	0.674	ug/L #	69

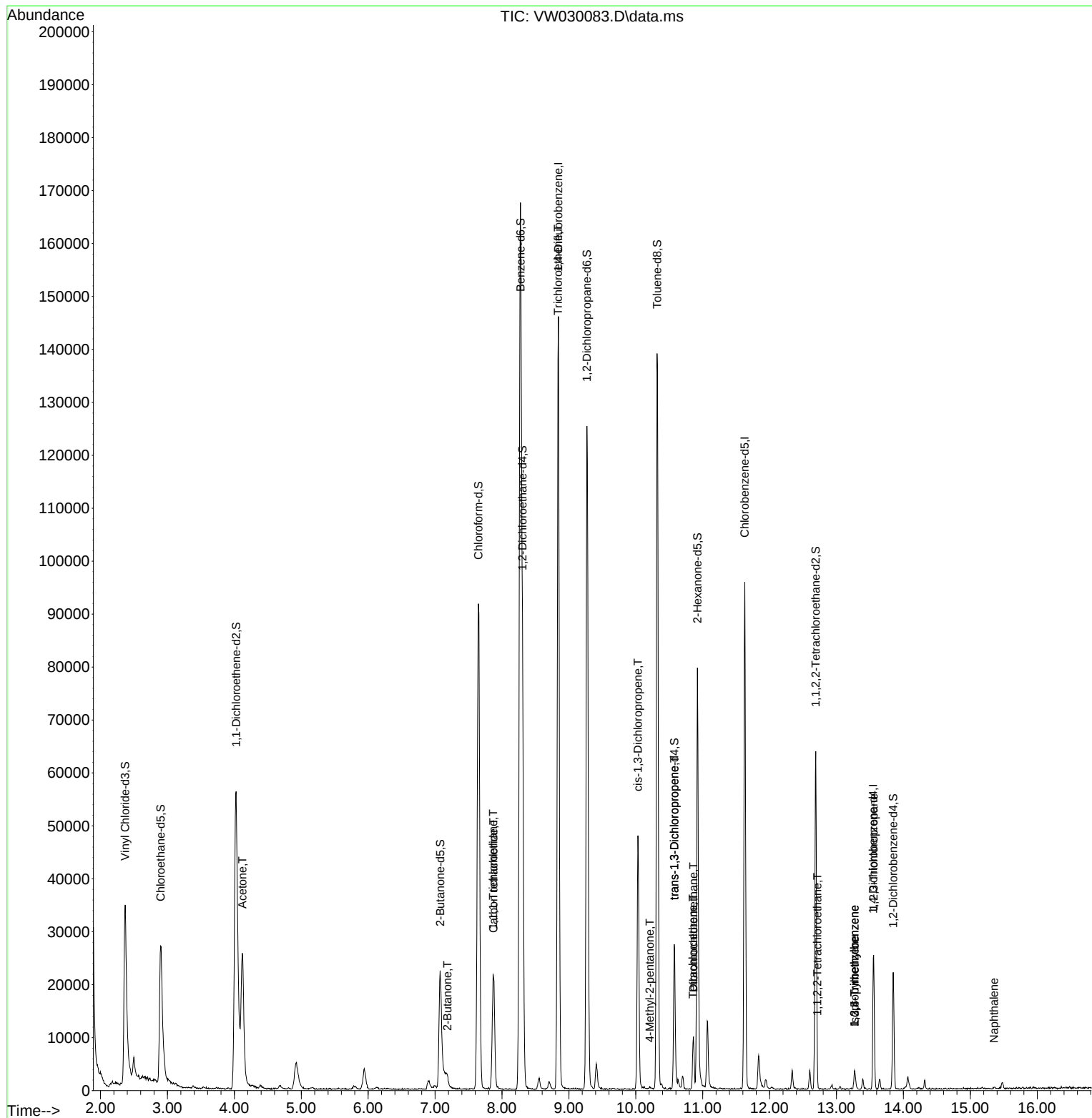
(#) = qualifier out of range (m) = manual integration (+) = signals summed

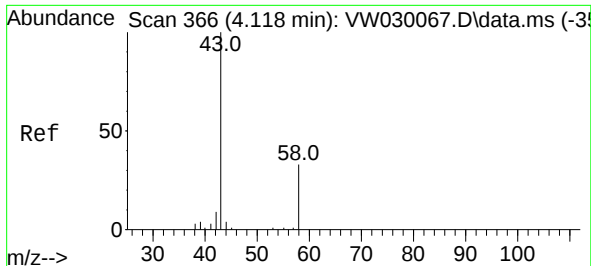
Instrument :
MSVOA_W
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030083.D
Acq On : 28 Aug 2024 17:57
Operator : SY/MD
Sample : P3733-07
Misc : 6.88g/10mL/MSVOA_W/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 29 01:17:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Aug 29 01:10:06 2024
Response via : Initial Calibration

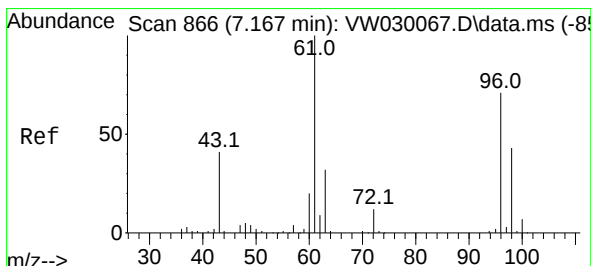
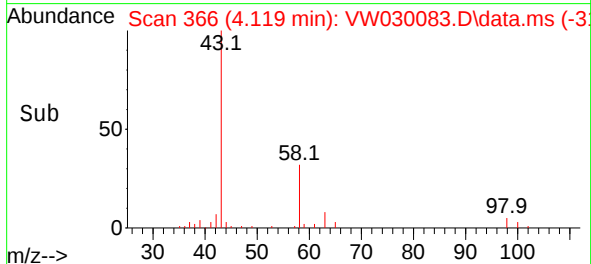
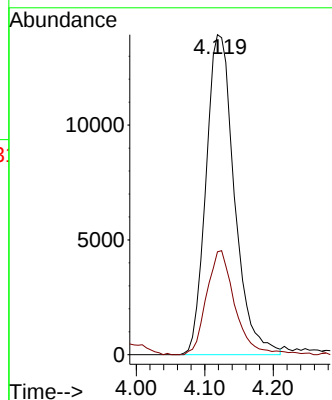
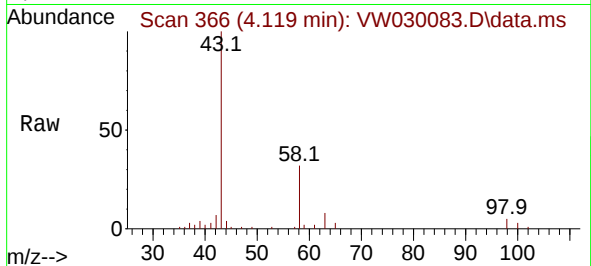




#13
Acetone
Concen: 129.437 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW030083.D
Acq: 28 Aug 2024 17:57

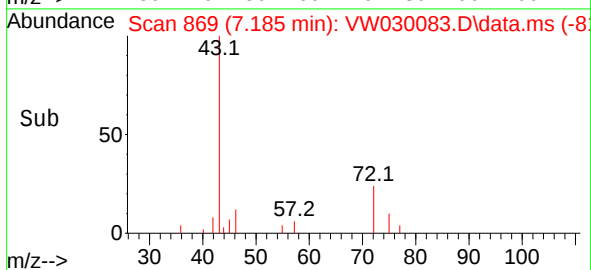
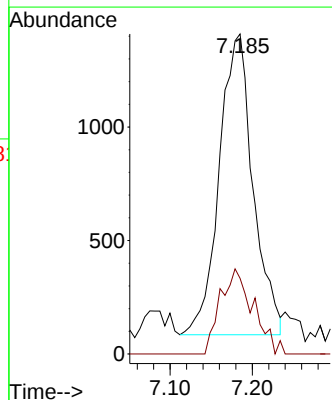
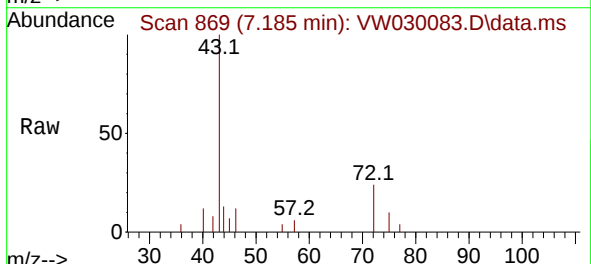
Instrument :
MSVOA_W
ClientSampleId :

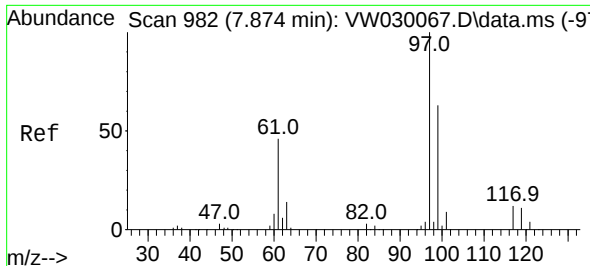
Tgt Ion: 43 Resp: 40160
Ion Ratio Lower Upper
43 100
58 31.8 0.0 66.4



#22
2-Butanone
Concen: 8.518 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.018 min
Lab File: VW030083.D
Acq: 28 Aug 2024 17:57

Tgt Ion: 43 Resp: 3782
Ion Ratio Lower Upper
43 100
72 7.8 15.0 45.1#





#30

1,1,1-Trichloroethane

Concen: 15.166 ug/L

RT: 7.868 min Scan# 9

Delta R.T. -0.006 min

Lab File: VW030083.D

Acq: 28 Aug 2024 17:57

Instrument :

MSVOA_W

ClientSampleId :

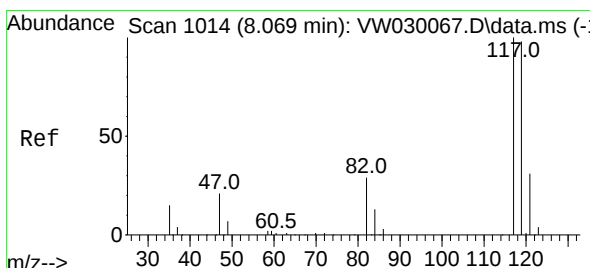
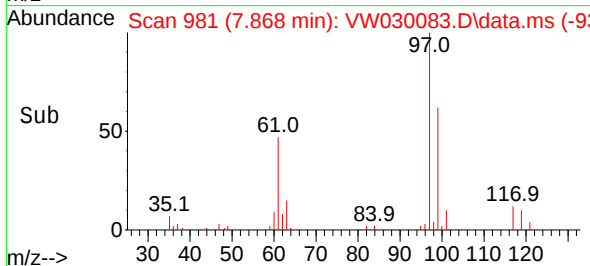
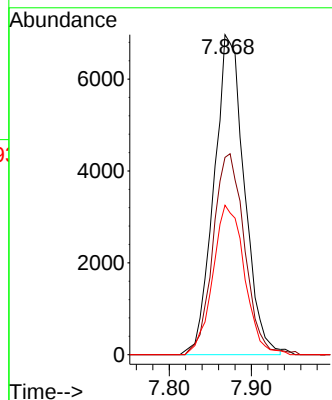
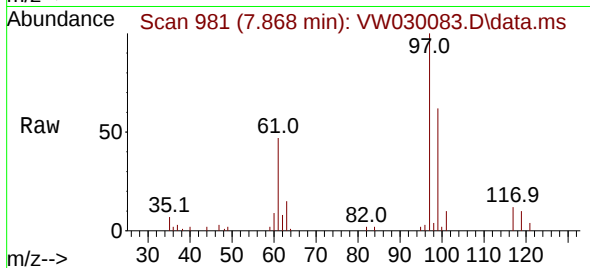
Tgt Ion: 97 Resp: 17803

Ion Ratio Lower Upper

97 100

99 65.4 51.7 77.5

61 49.0 37.2 55.8



#31

Carbon tetrachloride

Concen: 2.176 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.195 min

Lab File: VW030083.D

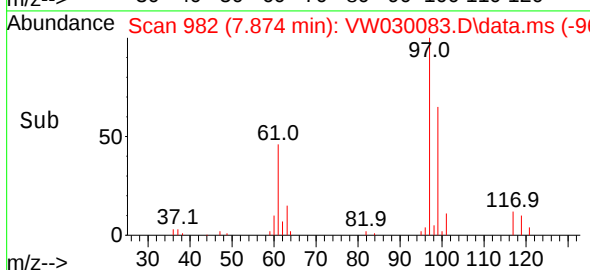
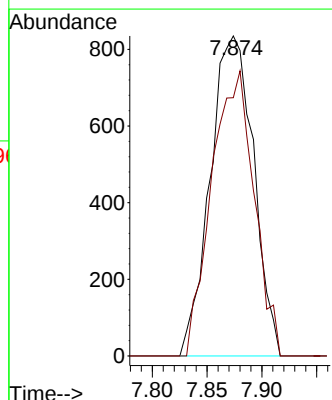
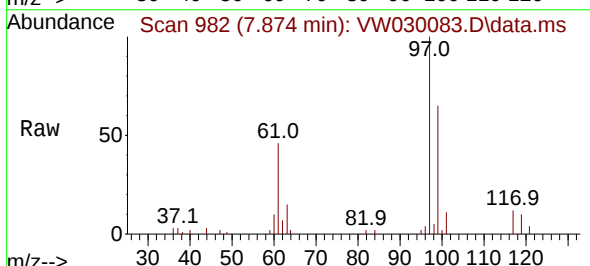
Acq: 28 Aug 2024 17:57

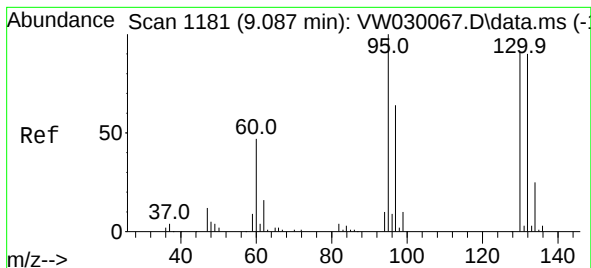
Tgt Ion: 117 Resp: 2295

Ion Ratio Lower Upper

117 100

119 87.3 77.7 116.5





#34

Trichloroethene

Concen: 4.242 ug/L

RT: 8.837 min Scan# 1140

Delta R.T. -0.250 min

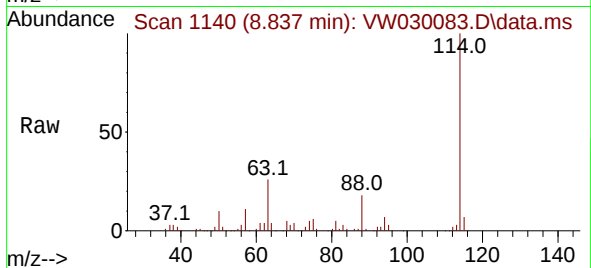
Lab File: VW030083.D

Acq: 28 Aug 2024 17:57

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 3668

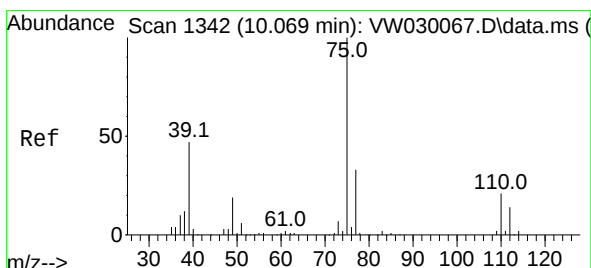
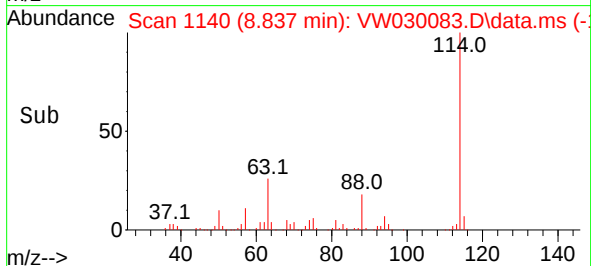
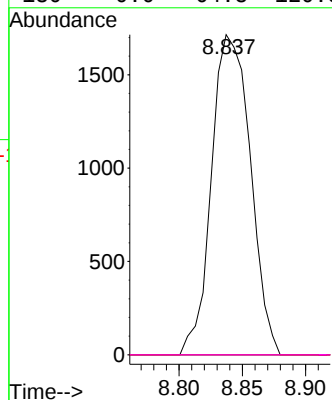
Ion Ratio Lower Upper

95 100

97 0.0 43.3 80.5#

132 0.0 63.6 118.0#

130 0.0 64.8 120.3#



#39

cis-1,3-Dichloropropene

Concen: 1.081 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.036 min

Lab File: VW030083.D

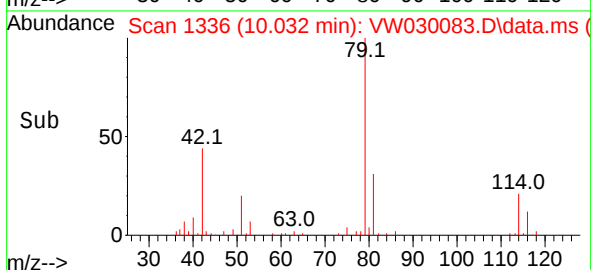
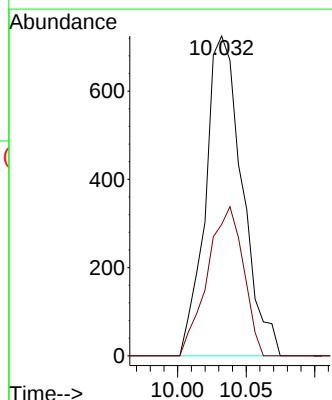
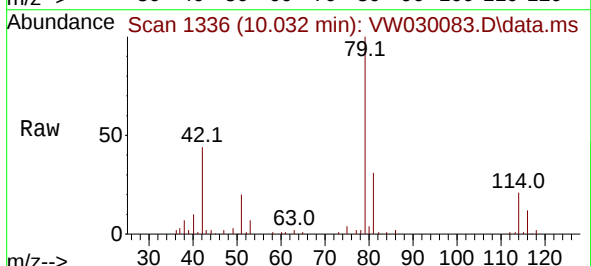
Acq: 28 Aug 2024 17:57

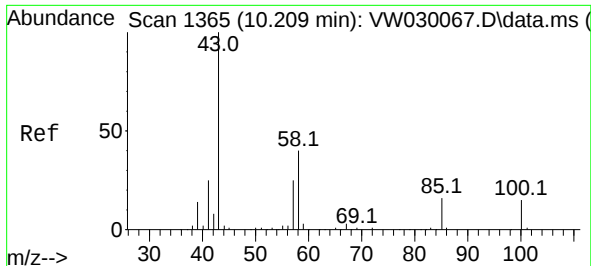
Tgt Ion: 75 Resp: 1353

Ion Ratio Lower Upper

75 100

77 41.1 22.8 42.4





#40

4-Methyl-2-pentanone

Concen: 0.894 ug/L

RT: 10.209 min Scan# 14

Delta R.T. 0.000 min

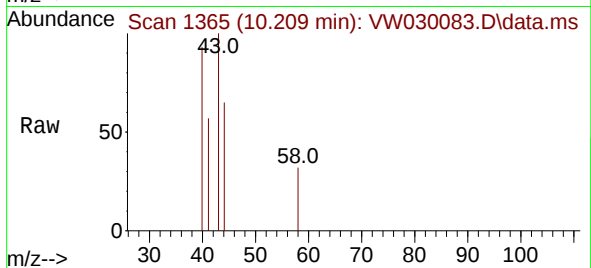
Lab File: VW030083.D

Acq: 28 Aug 2024 17:57

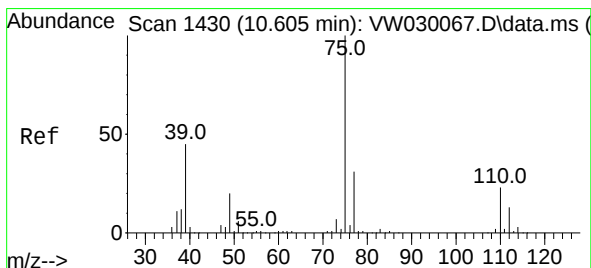
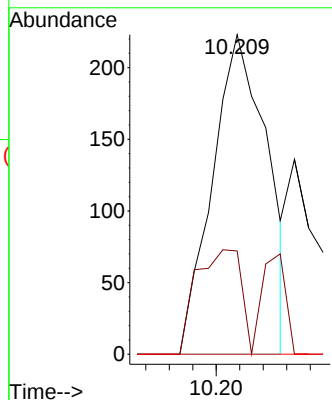
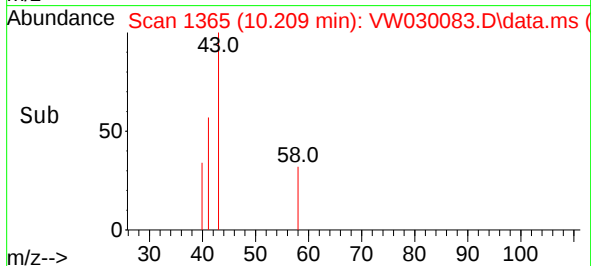
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	43	Resp:	362
Ion	Ratio	Lower	Upper
43	100		
58	26.8	34.0	51.0#
100	0.0	13.5	20.3#



#44

trans-1,3-Dichloropropene

Concen: 0.717 ug/L

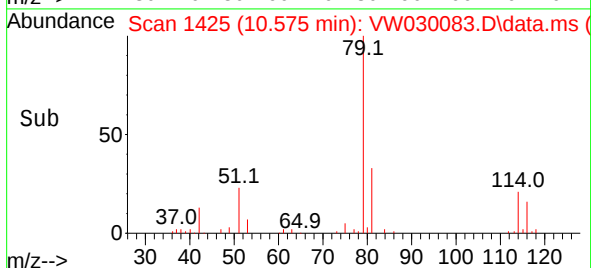
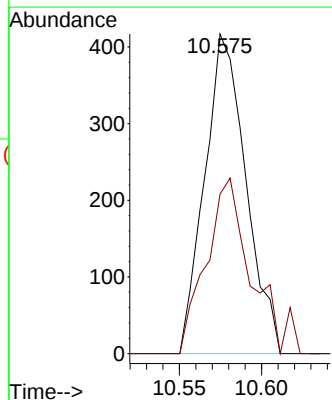
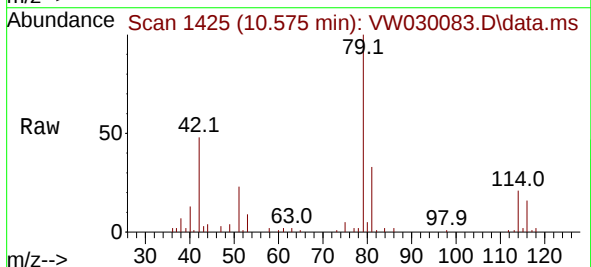
RT: 10.575 min Scan# 1425

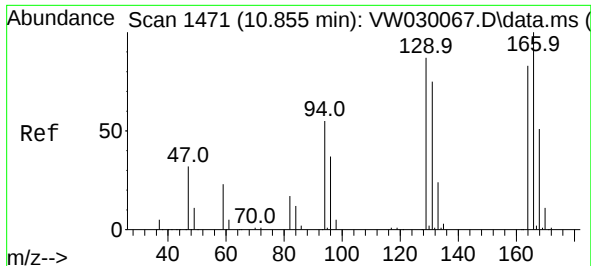
Delta R.T. -0.030 min

Lab File: VW030083.D

Acq: 28 Aug 2024 17:57

Tgt Ion:	75	Resp:	726
Ion	Ratio	Lower	Upper
75	100		
77	49.9	22.0	40.8#





#46

Tetrachloroethene

Concen: 3.073 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. 0.000 min

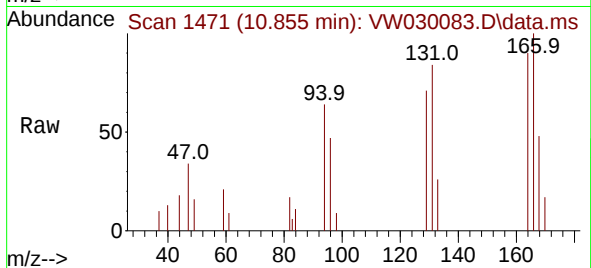
Lab File: VW030083.D

Acq: 28 Aug 2024 17:57

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 2017

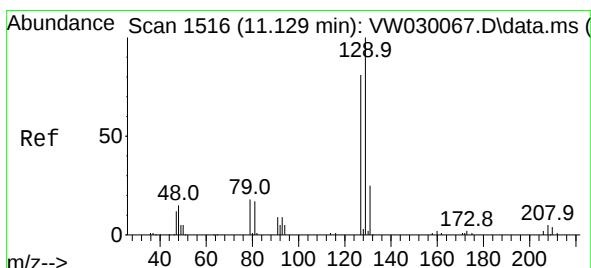
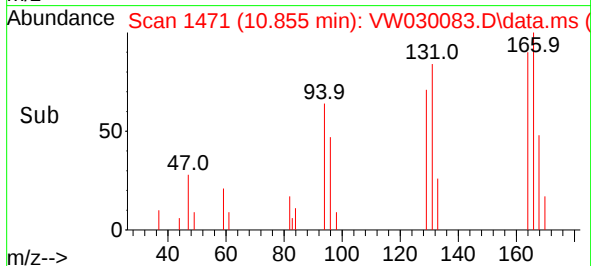
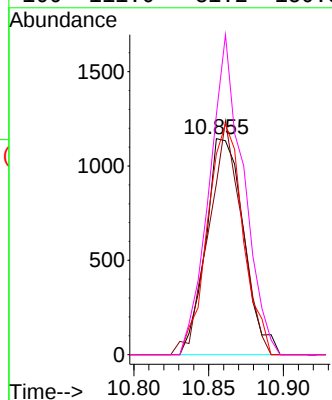
Ion Ratio Lower Upper

164 100

129 79.1 66.1 122.7

131 92.8 62.6 116.2

166 111.0 81.2 150.8



#49

Dibromochloromethane

Concen: 2.746 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.268 min

Lab File: VW030083.D

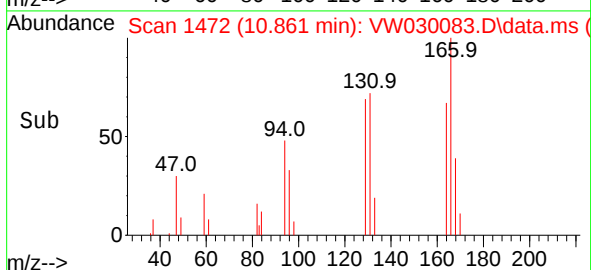
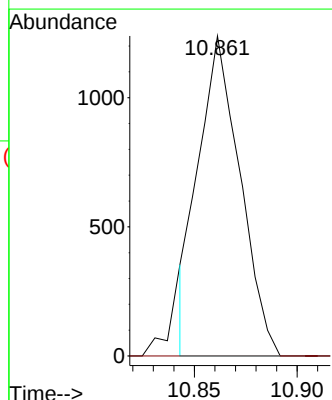
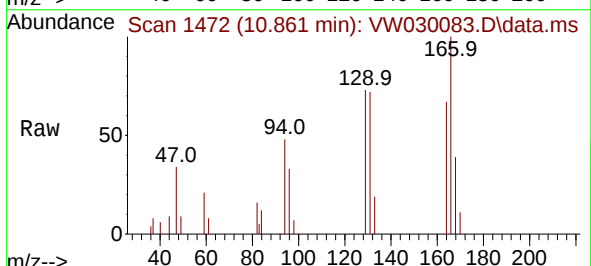
Acq: 28 Aug 2024 17:57

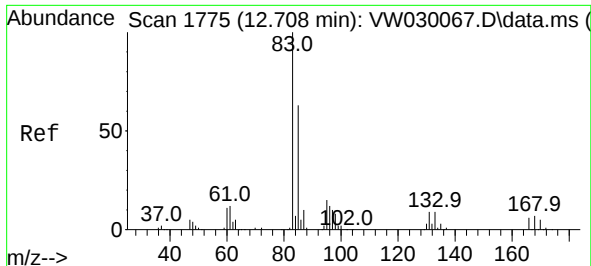
Tgt Ion:129 Resp: 1739

Ion Ratio Lower Upper

129 100

127 0.0 51.8 96.2#





#57

1,1,2,2-Tetrachloroethane

Concen: 0.673 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030083.D

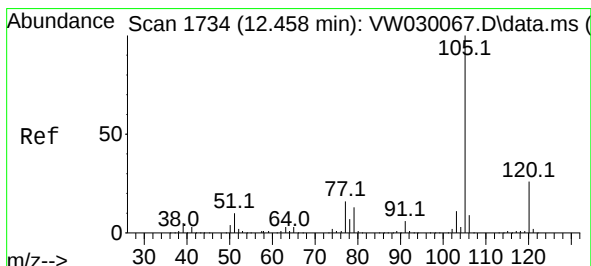
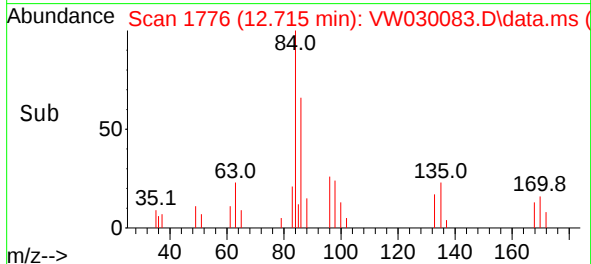
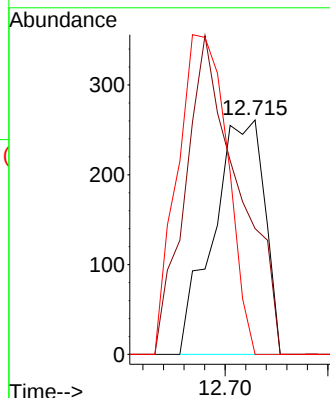
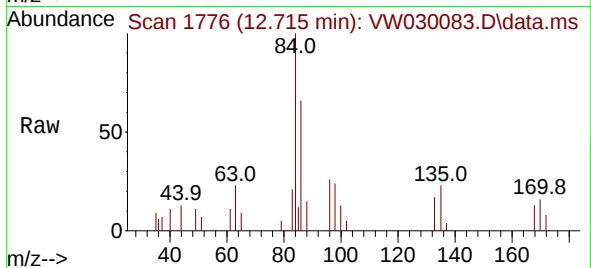
Acq: 28 Aug 2024 17:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 452
Ion Ratio	Lower Upper
83	100
85	53.6 44.0 81.8
131	0.0 7.3 10.9#



#60

Isopropylbenzene

Concen: 1.299 ug/L

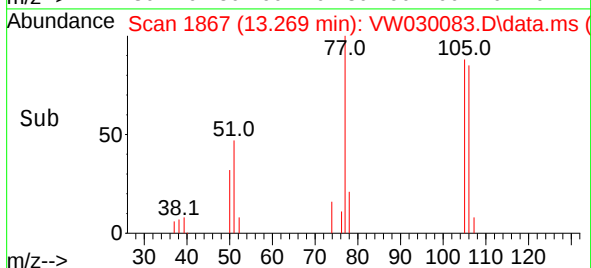
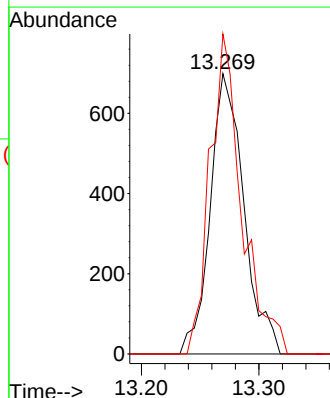
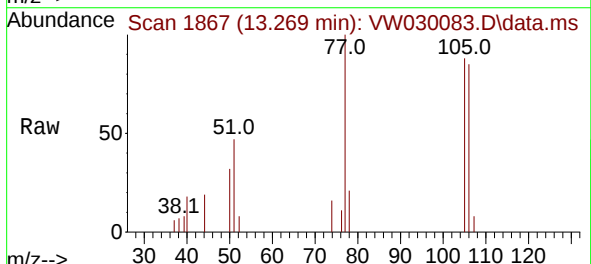
RT: 13.269 min Scan# 1867

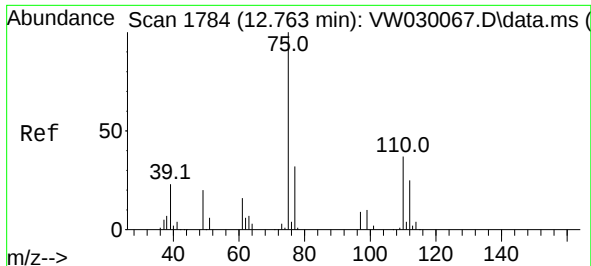
Delta R.T. 0.811 min

Lab File: VW030083.D

Acq: 28 Aug 2024 17:57

Tgt Ion: 105	Resp: 1388
Ion Ratio	Lower Upper
105	100
120	0.0 20.6 30.8#
77	104.1 12.6 18.8#





#61

1,2,3-Trichloropropane

Concen: 6.567 ug/L

RT: 13.556 min Scan# 1867

Delta R.T. 0.793 min

Lab File: VW030083.D

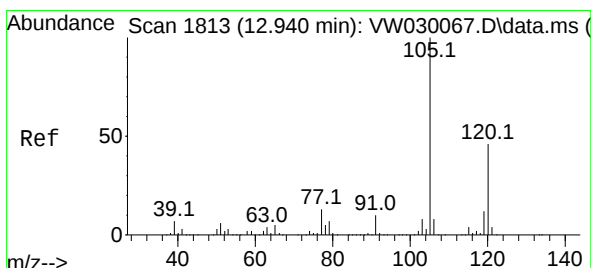
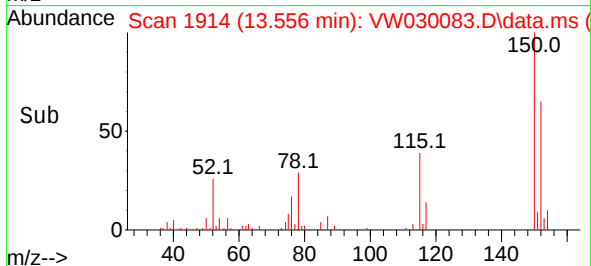
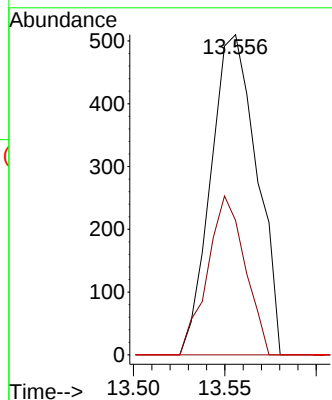
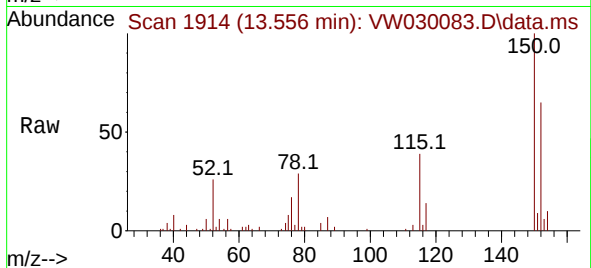
Acq: 28 Aug 2024 17:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp: 894
Ion Ratio	Lower Upper
75	100
77	40.6 26.0 39.0#
110	0.0 31.0 46.4#



#62

1,3,5-Trimethylbenzene

Concen: 1.748 ug/L

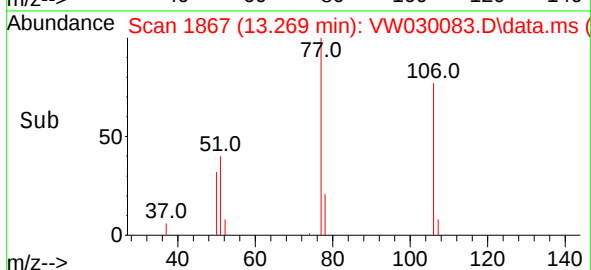
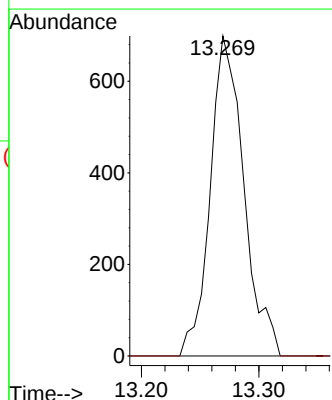
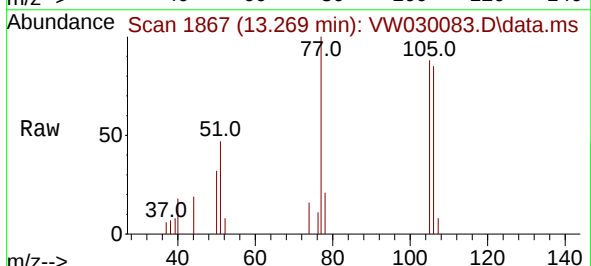
RT: 13.269 min Scan# 1867

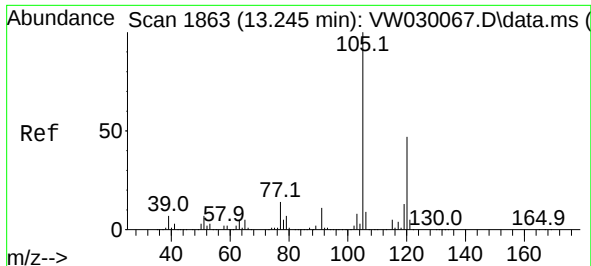
Delta R.T. 0.329 min

Lab File: VW030083.D

Acq: 28 Aug 2024 17:57

Tgt Ion: 105	Resp: 1388
Ion Ratio	Lower Upper
105	100
120	0.0 38.3 57.5#





#63

1,2,4-Trimethylbenzene

Concen: 1.658 ug/L

RT: 13.269 min Scan# 11

Delta R.T. 0.024 min

Lab File: VW030083.D

Acq: 28 Aug 2024 17:57

Instrument :

MSVOA_W

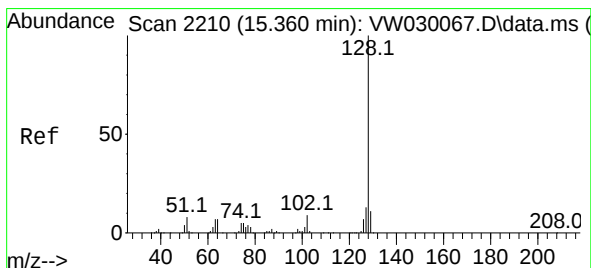
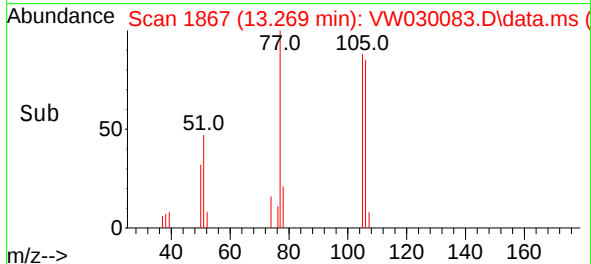
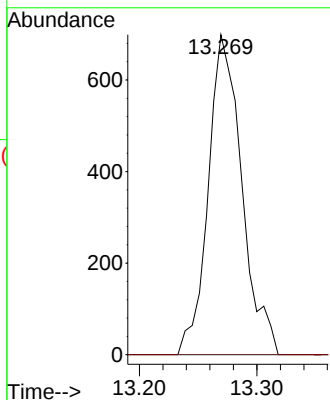
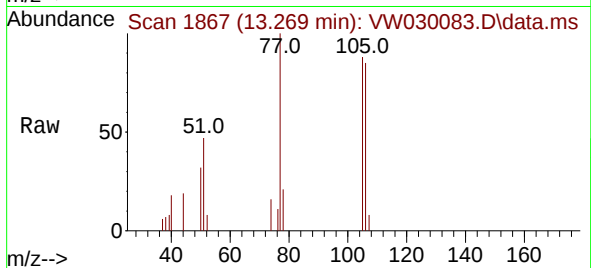
ClientSampleId :

Tgt Ion:105 Resp: 1388

Ion Ratio Lower Upper

105 100

120 0.0 36.3 54.5#



#71

Naphthalene

Concen: 0.674 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. -0.006 min

Lab File: VW030083.D

Acq: 28 Aug 2024 17:57

Tgt Ion:128 Resp: 331

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.9 13.3#

