

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021624\
 Data File : VW028034.D
 Acq On : 16 Feb 2024 15:56
 Operator : SY/MD
 Sample : P1469-19
 Misc : 5.67g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 23:54:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Feb 18 23:52:23 2024
 Response via : Initial Calibration

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

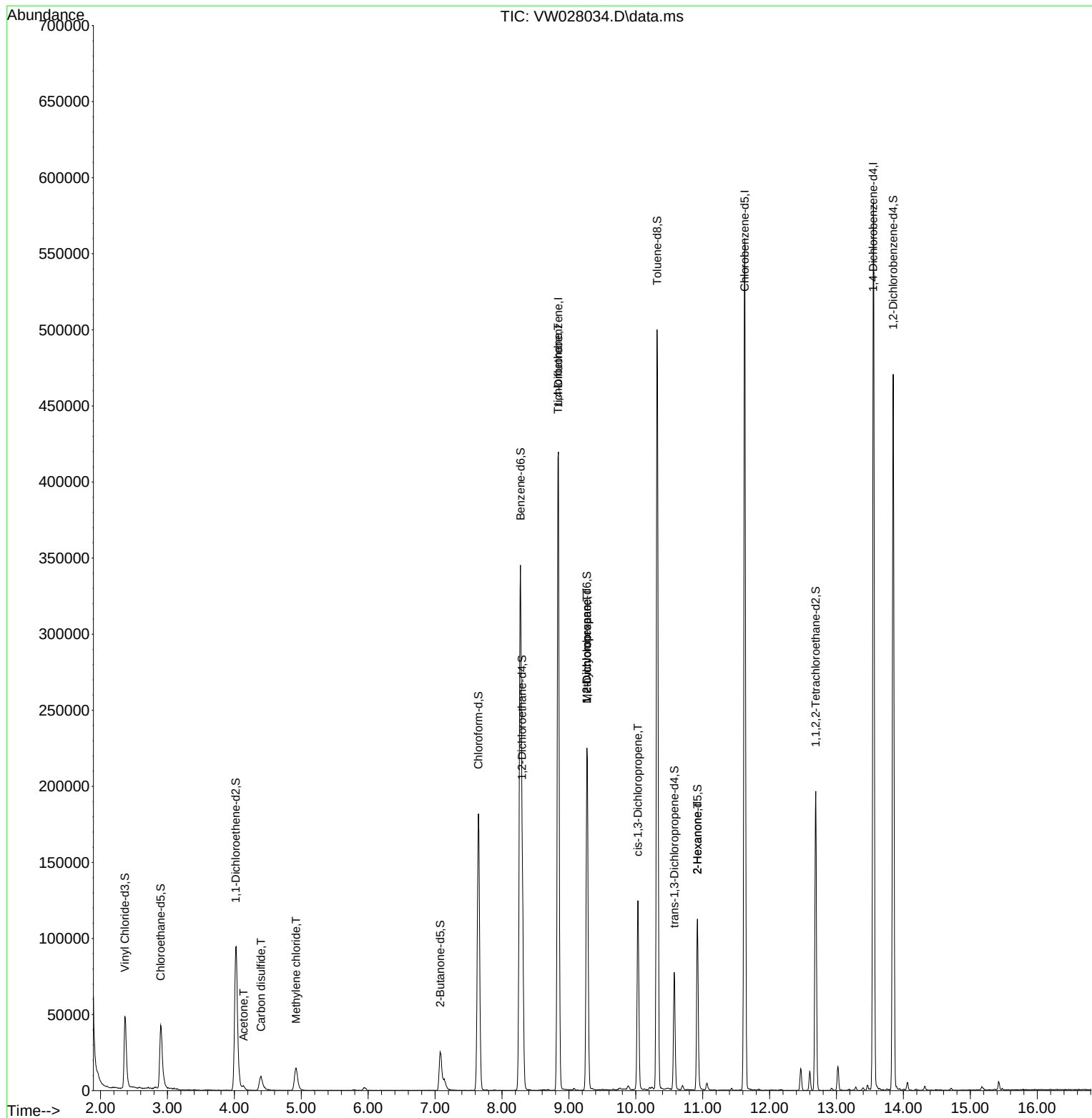
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	386716	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	347302	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	168550	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	69955	15.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.760%
7) Chloroethane-d5	2.899	69	68174	19.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.360%
11) 1,1-Dichloroethene-d2	4.021	65	32620	16.832	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.320%
21) 2-Butanone-d5	7.075	46	42503	60.394	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.780%
24) Chloroform-d	7.648	84	193600	21.410	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.640%
26) 1,2-Dichloroethane-d4	8.301	65	97197	23.800	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	8.276	84	377803	20.332	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.320%
36) 1,2-Dichloropropane-d6	9.270	67	110710	21.974	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.880%
41) Toluene-d8	10.319	98	362138	20.369	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.480%
43) trans-1,3-Dichloroprop...	10.575	79	45317	21.872	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.480%
47) 2-Hexanone-d5	10.922	63	41930	61.186	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99738	26.486	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	135700	23.687	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.760%
Target Compounds					Qvalue	
13) Acetone	4.137	43	4481	6.548	ug/L	81
14) Carbon disulfide	4.399	76	22005	1.760	ug/L	99
16) Methylene chloride	4.923	84	14399	2.979	ug/L	96
34) Trichloroethene	8.837	95	11291	2.267	ug/L #	4
35) Methylcyclohexane	9.270	83	28670	3.499	ug/L #	22
37) 1,2-Dichloropropane	9.270	63	12084	2.965	ug/L #	84
39) cis-1,3-Dichloropropene	10.032	75	3223	0.493	ug/L #	53
48) 2-Hexanone	10.922	43	4425	3.797	ug/L #	61

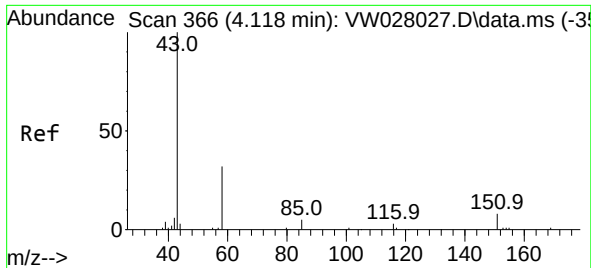
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sun Feb 18 23:52:23 2024
Response via : Initial Calibration





#13

Acetone

Concen: 6.548 ug/L

RT: 4.137 min Scan# 3

Delta R.T. 0.018 min

Lab File: VW028034.D

Acq: 16 Feb 2024 15:56

Instrument :

MSVOA_W

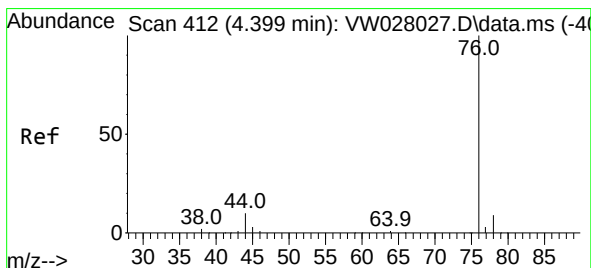
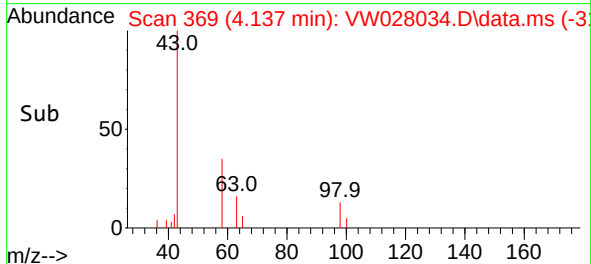
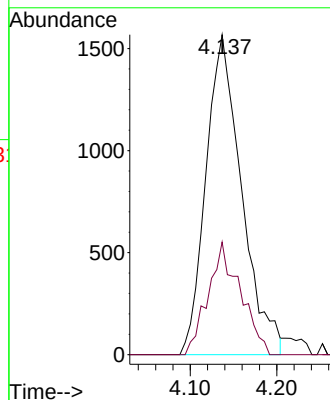
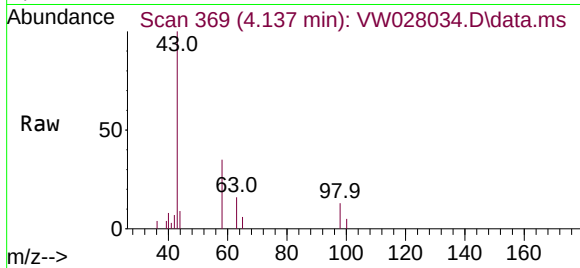
ClientSampleId :

Tgt Ion: 43 Resp: 4481

Ion Ratio Lower Upper

43 100

58 22.4 0.0 66.0



#14

Carbon disulfide

Concen: 1.760 ug/L

RT: 4.399 min Scan# 412

Delta R.T. 0.000 min

Lab File: VW028034.D

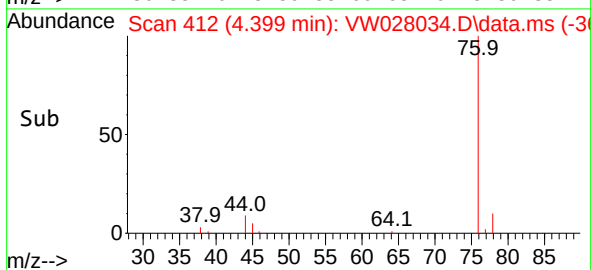
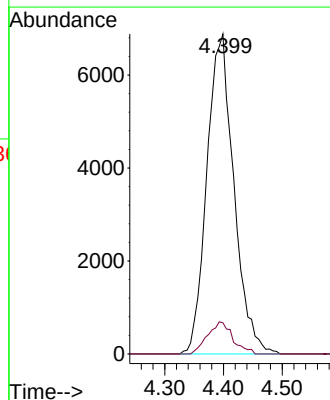
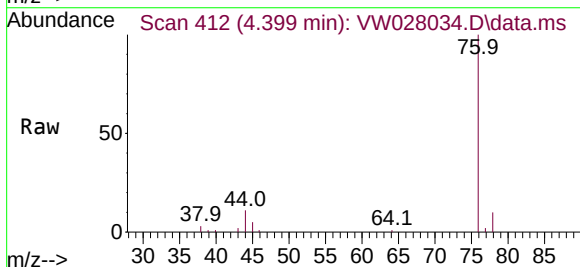
Acq: 16 Feb 2024 15:56

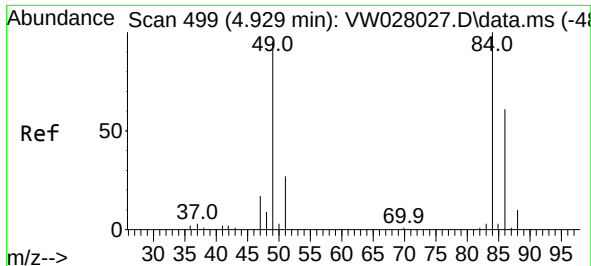
Tgt Ion: 76 Resp: 22005

Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3

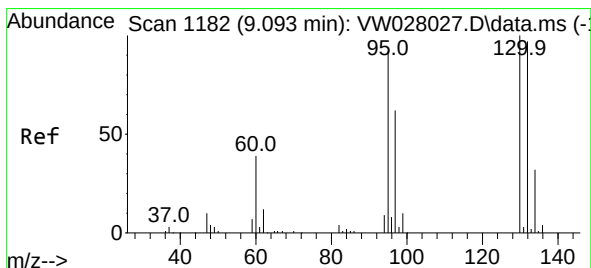
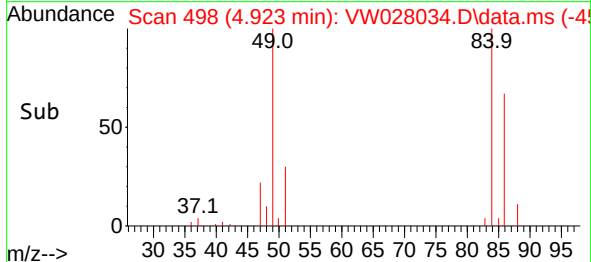
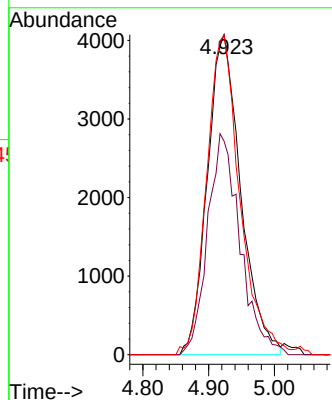
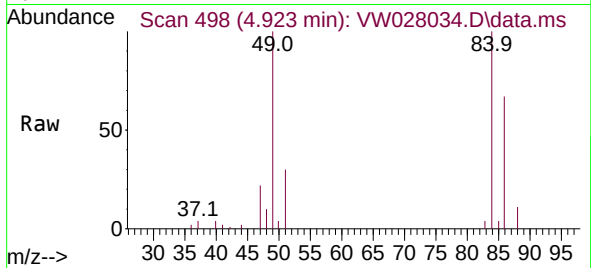




#16
Methylene chloride
Concen: 2.979 ug/L
RT: 4.923 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW028034.D
Acq: 16 Feb 2024 15:56

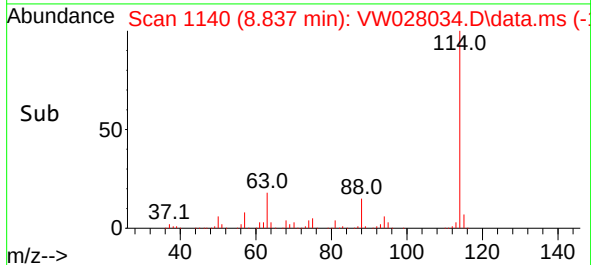
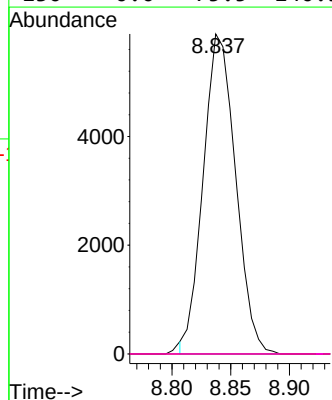
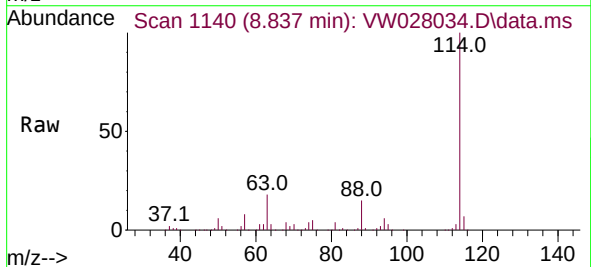
Instrument :
MSVOA_W
ClientSampleId :

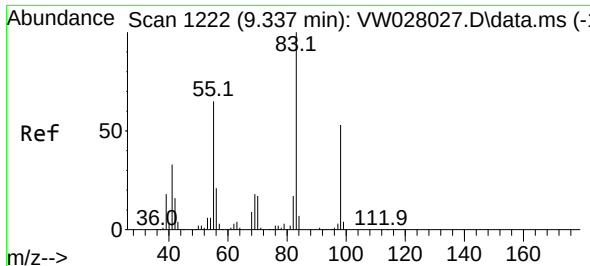
Tgt Ion: 84 Resp: 14399
Ion Ratio Lower Upper
84 100
86 66.8 45.4 84.4
49 100.0 66.3 123.1



#34
Trichloroethene
Concen: 2.267 ug/L
RT: 8.837 min Scan# 1140
Delta R.T. -0.256 min
Lab File: VW028034.D
Acq: 16 Feb 2024 15:56

Tgt Ion: 95 Resp: 11291
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 68.0 126.2#
130 0.0 75.5 140.3#

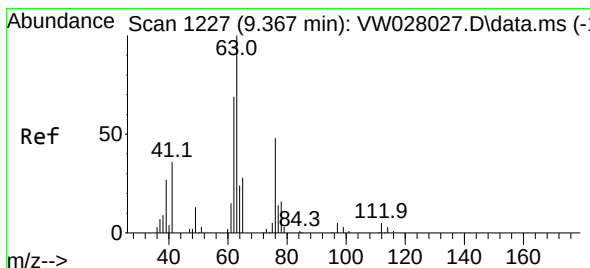
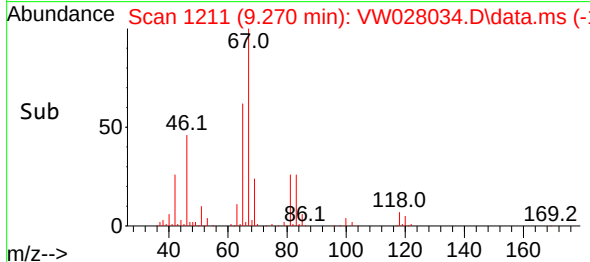
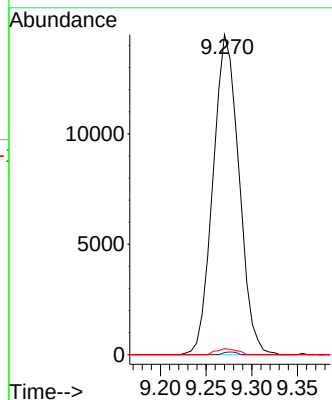
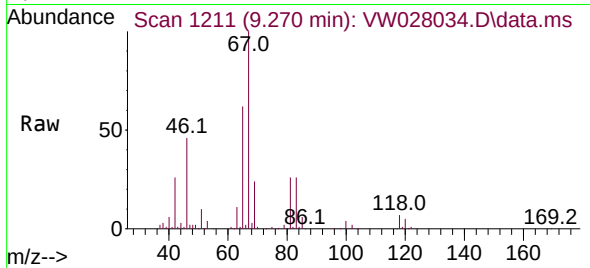




#35
Methylcyclohexane
Concen: 3.499 ug/L
RT: 9.270 min Scan# 1211
Delta R.T. -0.067 min
Lab File: VW028034.D
Acq: 16 Feb 2024 15:56

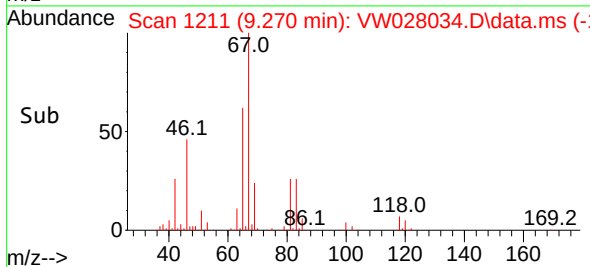
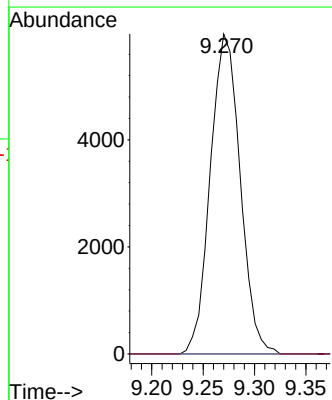
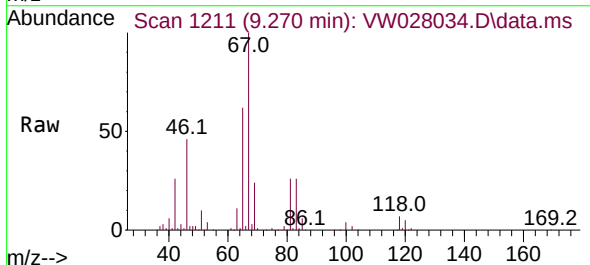
Instrument :
MSVOA_W
ClientSampleId :

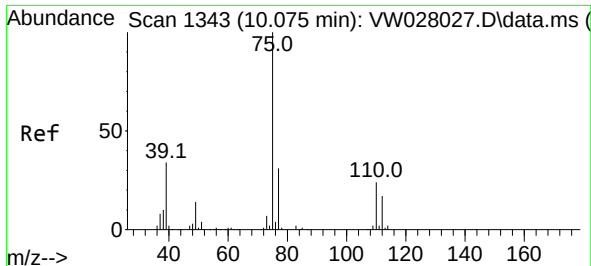
Tgt Ion: 83 Resp: 28670
Ion Ratio Lower Upper
83 100
55 0.4 52.3 78.5#
98 1.5 41.9 62.9#



#37
1,2-Dichloropropane
Concen: 2.965 ug/L
RT: 9.270 min Scan# 1211
Delta R.T. -0.097 min
Lab File: VW028034.D
Acq: 16 Feb 2024 15:56

Tgt Ion: 63 Resp: 12084
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.493 ug/L

RT: 10.032 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW028034.D

Acq: 16 Feb 2024 15:56

Instrument :

MSVOA_W

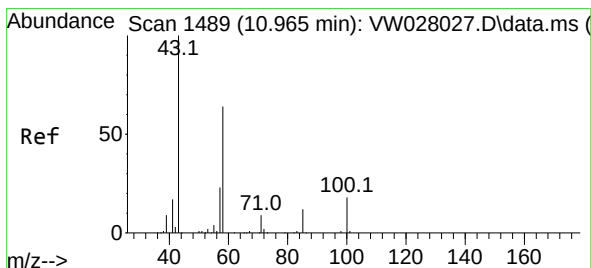
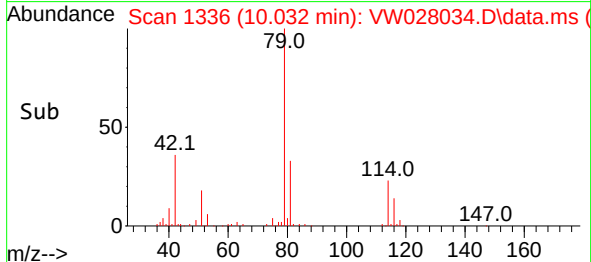
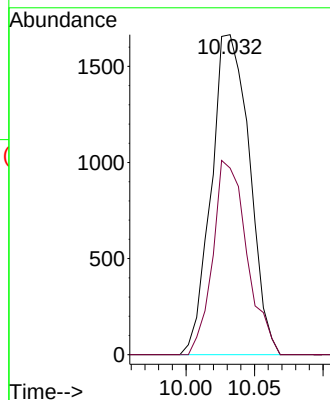
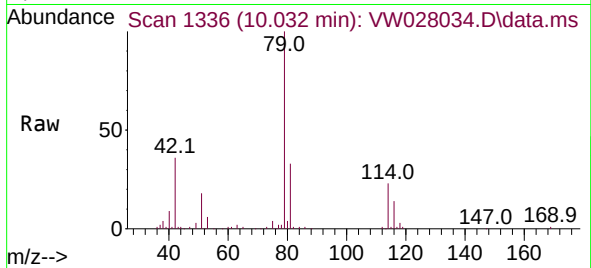
ClientSampleId :

Tgt Ion: 75 Resp: 3223

Ion Ratio Lower Upper

75 100

77 58.3 22.4 41.6#



#48

2-Hexanone

Concen: 3.797 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

Lab File: VW028034.D

Acq: 16 Feb 2024 15:56

Tgt Ion: 43 Resp: 4425

Ion Ratio Lower Upper

43 100

58 28.3 51.4 77.2#

57 29.4 17.4 26.2#

100 0.0 14.4 21.6#

