

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101222\
 Data File : VW024884.D
 Acq On : 12 Oct 2022 19:34
 Operator : SY/VA
 Sample : N5070-10
 Misc : 6.24g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BQ9

Quant Time: Oct 12 23:23:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 23:18:51 2022
 Response via : Initial Calibration

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

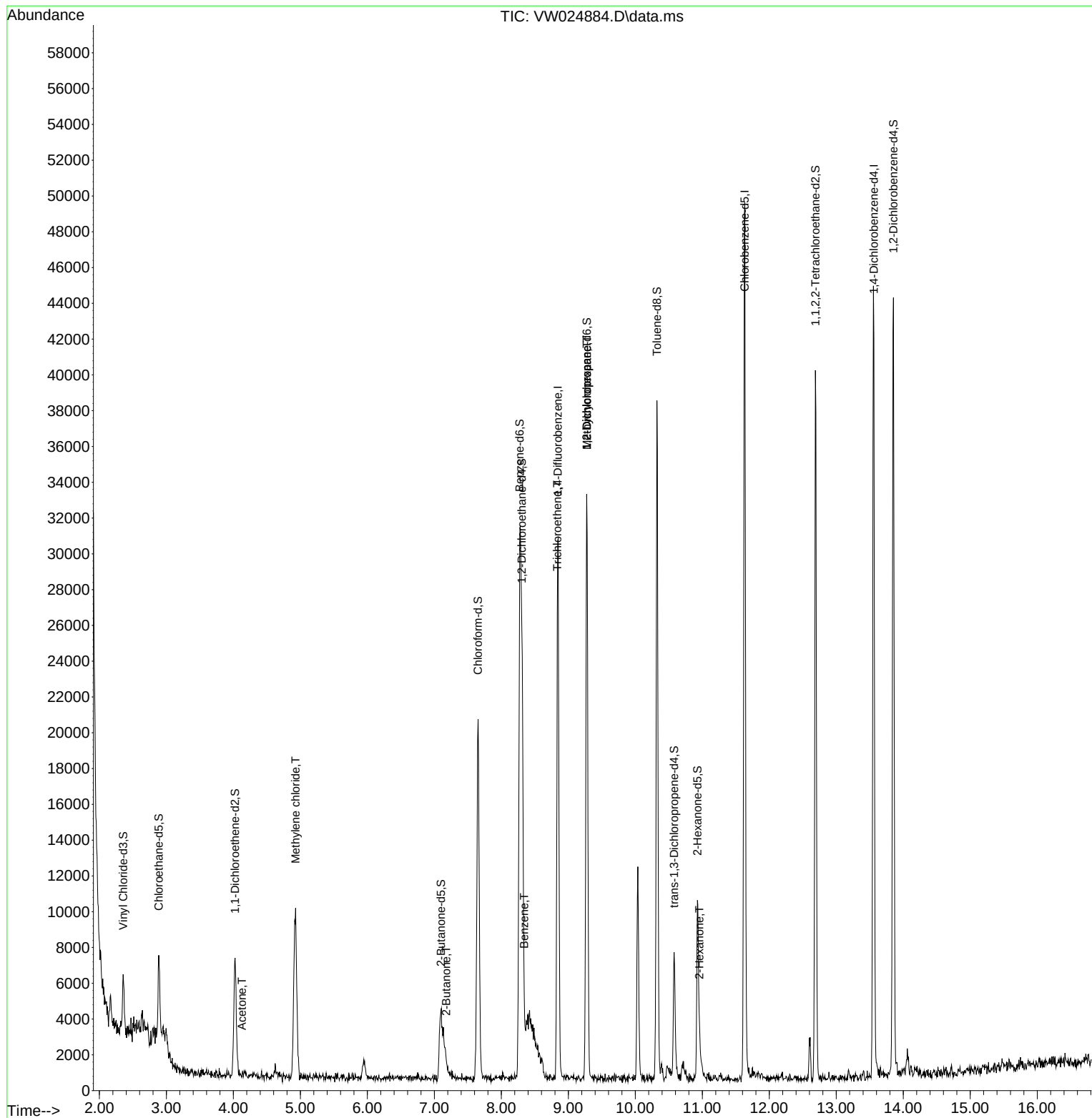
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	25039	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	28001	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	11458	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	3050	10.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.280%
7) Chloroethane-d5	2.885	69	4341	25.099	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	4.025	63	6453	10.047	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.200%#
21) 2-Butanone-d5	7.098	46	7080	75.642	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.280%#
24) Chloroform-d	7.653	84	20794	29.443	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.760%
26) 1,2-Dichloroethane-d4	8.305	65	17279	46.748	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	187.000%#
32) Benzene-d6	8.275	84	30998	17.654	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.600%
36) 1,2-Dichloropropane-d6	9.274	67	15980	29.672	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.680%
41) Toluene-d8	10.323	98	24800	15.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.960%
43) trans-1,3-Dichloroprop...	10.579	79	4441	21.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.960%
47) 2-Hexanone-d5	10.927	63	4025	44.578	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.160%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	20621	49.098	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	196.400%#
66) 1,2-Dichlorobenzene-d4	13.853	152	11533	27.543	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.160%
Target Compounds					Qvalue	
13) Acetone	4.129	43	245	3.741	ug/L #	43
16) Methylene chloride	4.928	84	6950	15.720	ug/L	89
22) 2-Butanone	7.177	43	345	3.157	ug/L #	47
33) Benzene	8.342	78	1138	0.597	ug/L	100
34) Trichloroethene	8.836	95	414	0.863	ug/L #	7
35) Methylcyclohexane	9.274	83	3746	4.339	ug/L #	18
37) 1,2-Dichloropropane	9.274	63	1614	3.400	ug/L #	87
48) 2-Hexanone	10.957	43	445	2.339	ug/L #	47

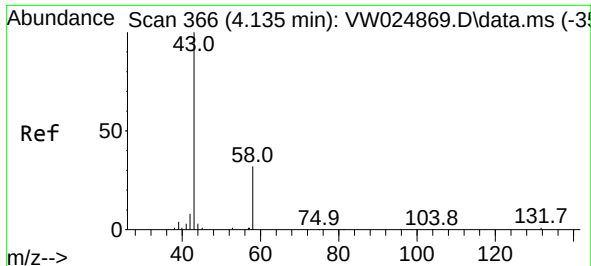
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Oct 12 23:18:51 2022
Response via : Initial Calibration





#13

Acetone

Concen: 3.741 ug/L

RT: 4.129 min Scan# 3

Delta R.T. -0.006 min

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Instrument :

MSVOA_W

ClientSampleId :

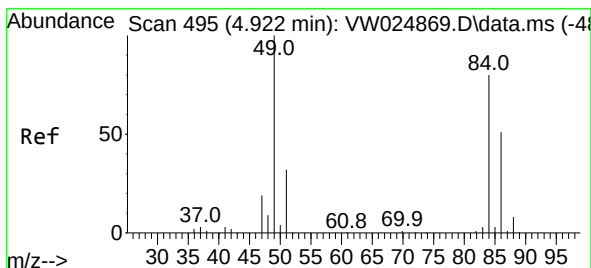
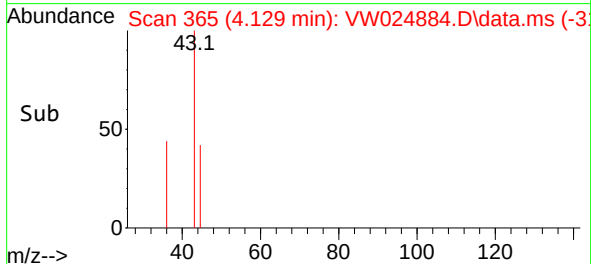
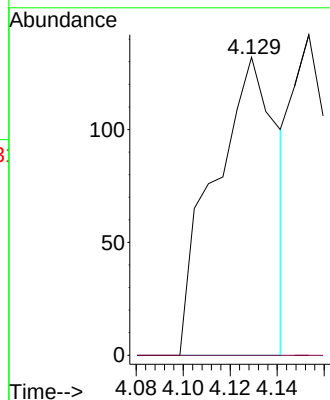
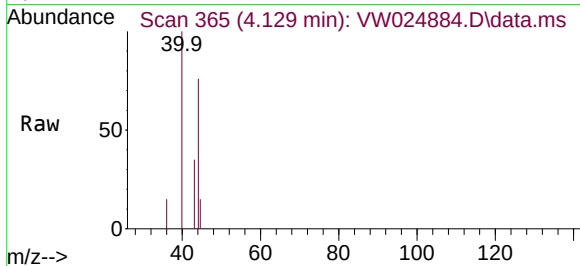
C0BQ9

Tgt Ion: 43 Resp: 245

Ion Ratio Lower Upper

43 100

58 0.0 0.0 64.2



#16

Methylene chloride

Concen: 15.720 ug/L

RT: 4.928 min Scan# 496

Delta R.T. 0.006 min

Lab File: VW024884.D

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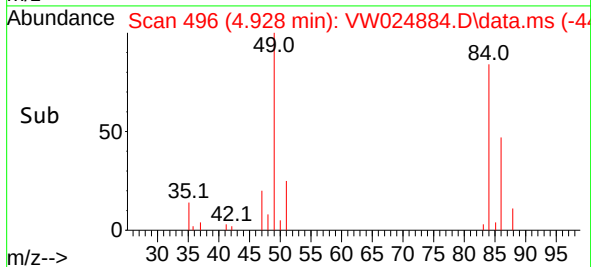
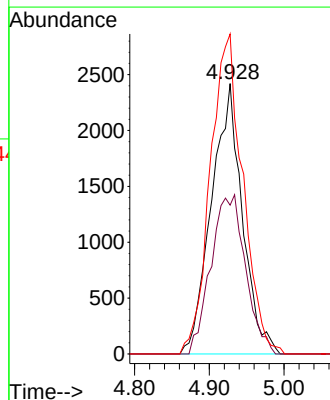
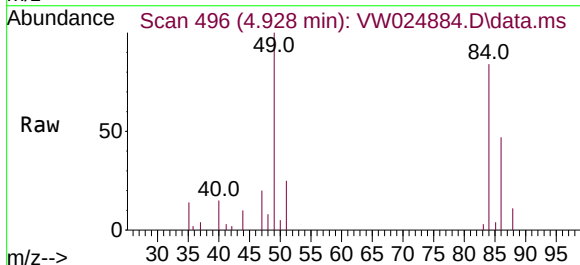
Tgt Ion: 84 Resp: 6950

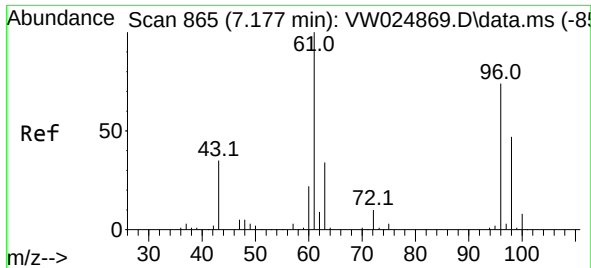
Ion Ratio Lower Upper

84 100

86 55.0 45.5 84.5

49 118.3 90.9 168.9

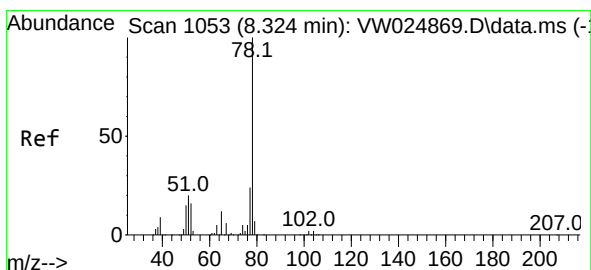
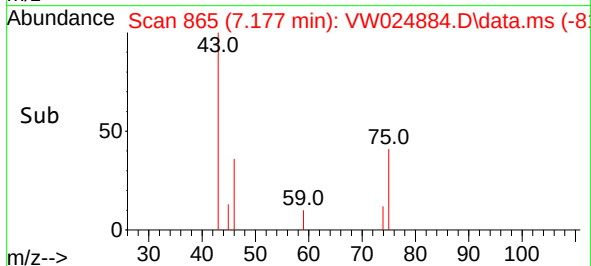
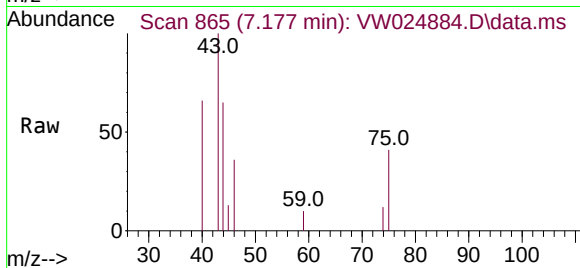




#22
2-Butanone
Concen: 3.157 ug/L
RT: 7.177 min Scan# 80
Delta R.T. -0.000 min
Lab File: VW024884.D
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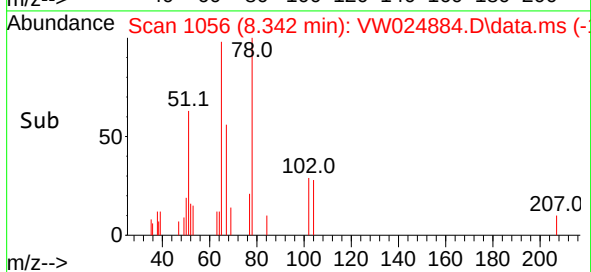
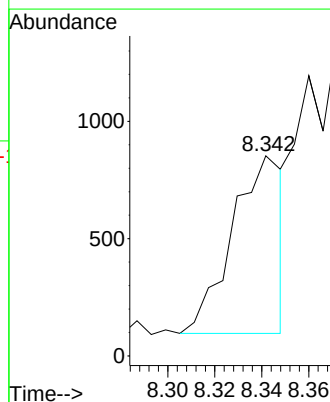
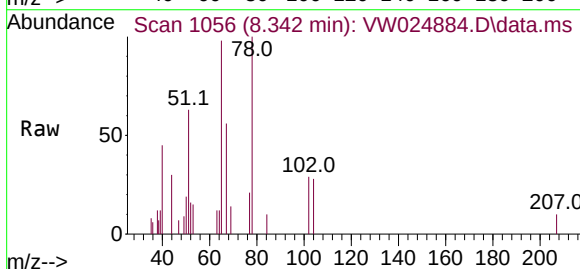
Instrument :
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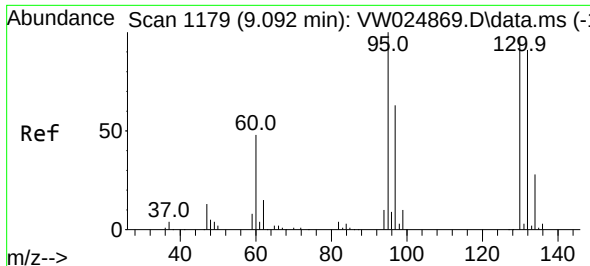
Tgt Ion: 43 Resp: 345
Ion Ratio Lower Upper
43 100
72 0.0 14.1 42.3#



#33
Benzene
Concen: 0.597 ug/L
RT: 8.342 min Scan# 1056
Delta R.T. 0.018 min
Lab File: VW024884.D
Acq: 12 Oct 2022 19:34

Tgt Ion: 78 Resp: 1138

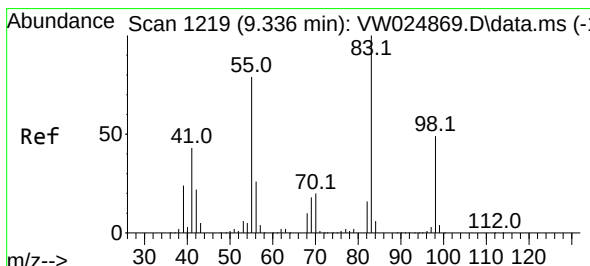
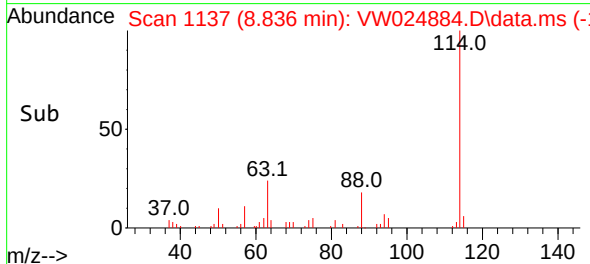
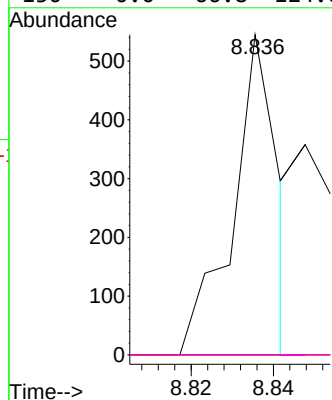
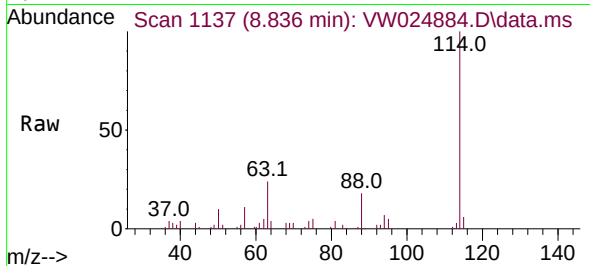




#34
Trichloroethene
Concen: 0.863 ug/L
RT: 8.836 min Scan# 1179
Delta R.T. -0.256 min
Lab File: VW024884.D
Acq: 12 Oct 2022 19:34

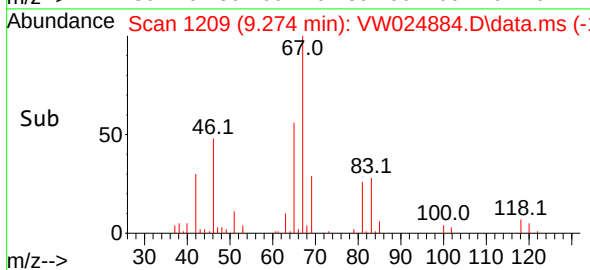
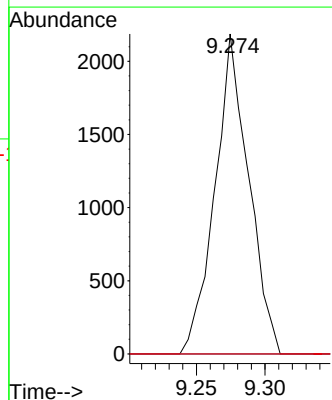
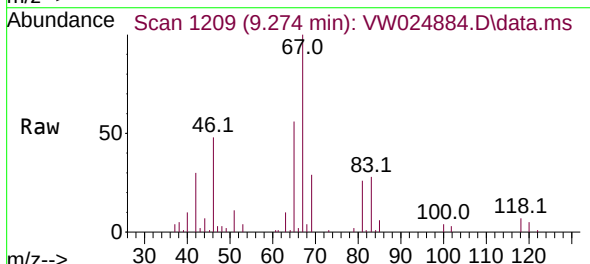
Instrument :
MSVOA_W
ClientSampleId :
C0BQ9

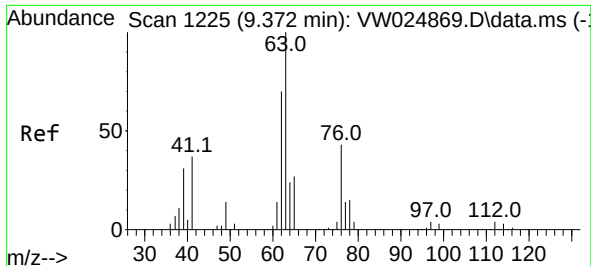
Tgt Ion:	95	Resp:	414
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.2	82.0#
132	0.0	62.9	116.7#
130	0.0	66.8	124.0#



#35
Methylcyclohexane
Concen: 4.339 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW024884.D
Acq: 12 Oct 2022 19:34

Tgt Ion:	83	Resp:	3746
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.5	93.7#
98	1.3	37.2	55.8#





#37

1,2-Dichloropropane

Concen: 3.400 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW024884.D

Acq: 12 Oct 2022 19:34

Instrument :

MSVOA_W

ClientSampleId :

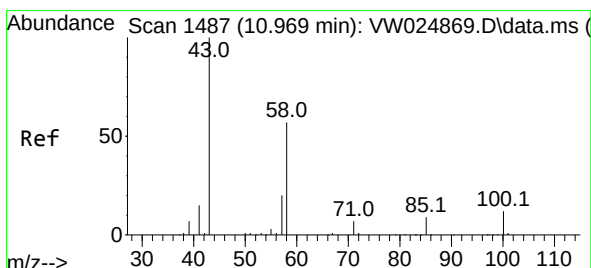
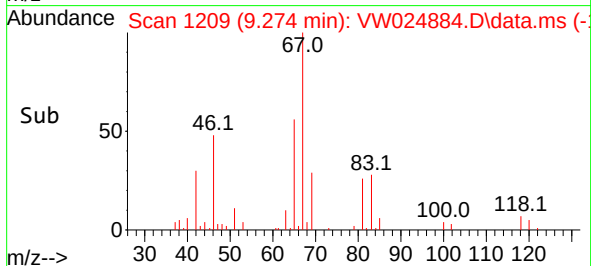
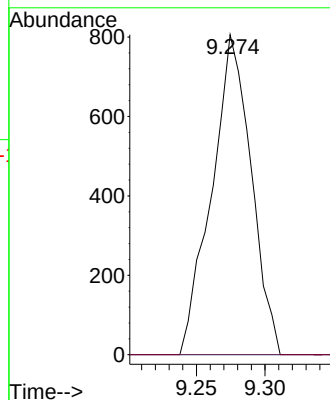
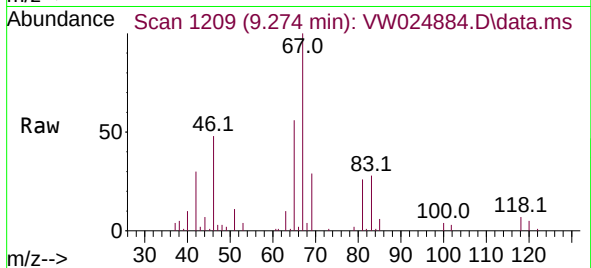
C0BQ9

Tgt Ion: 63 Resp: 1614

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#48

2-Hexanone

Concen: 2.339 ug/L

RT: 10.957 min Scan# 1485

Delta R.T. -0.012 min

Lab File: VW024884.D

Acq: 12 Oct 2022 19:34

Tgt Ion: 43 Resp: 445

Ion Ratio Lower Upper

43 100

58 13.5 47.0 70.6#

57 0.0 16.0 24.0#

100 0.0 10.5 15.7#

