

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
 Data File : VW030104.D
 Acq On : 29 Aug 2024 16:57
 Operator : SY/MD
 Sample : P3733-01
 Misc : 10.36g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 21:35:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 29 21:32:12 2024
 Response via : Initial Calibration

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

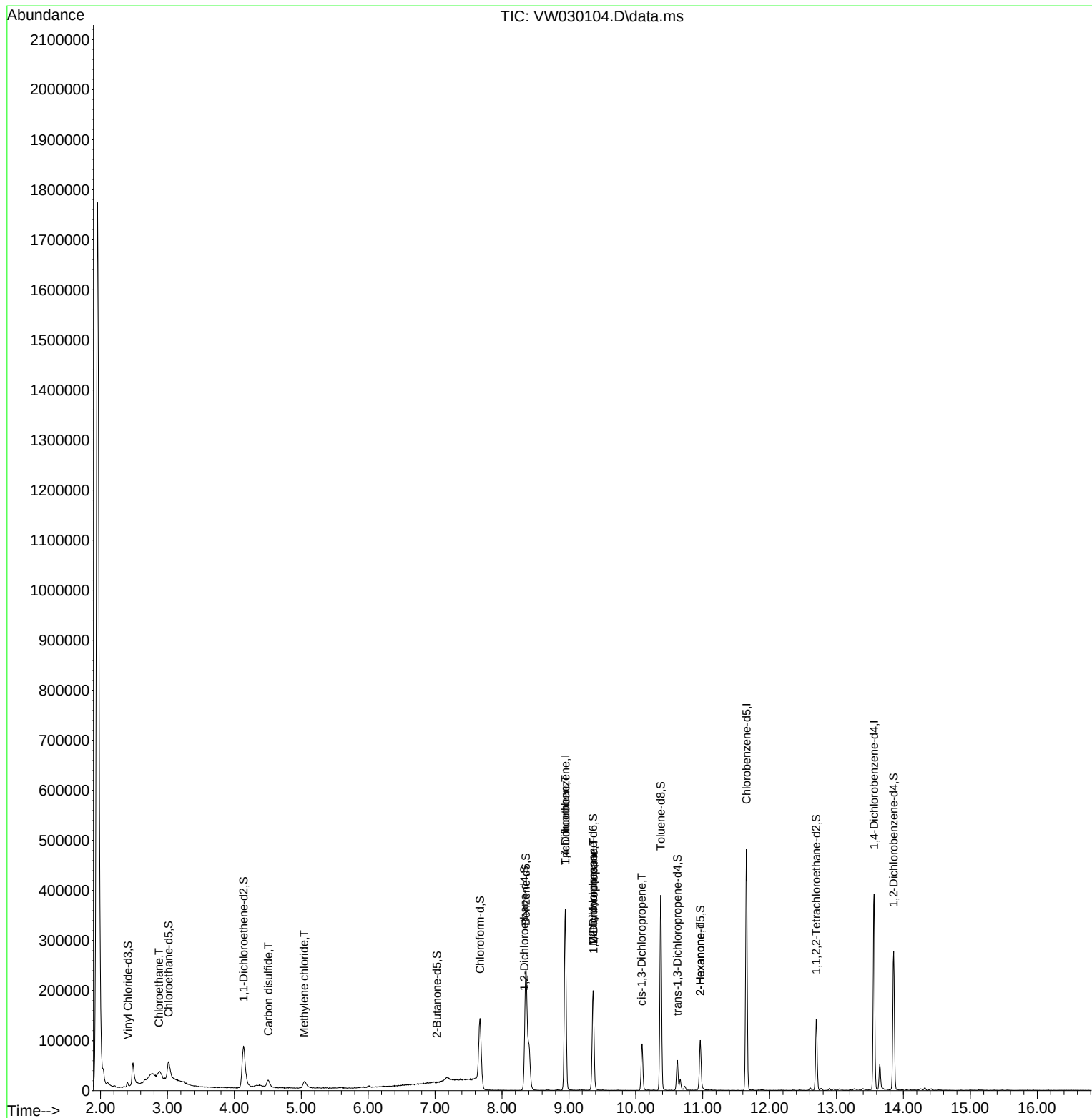
Internal Standards						
1) 1,4-Difluorobenzene	8.947	114	272358	25.000	ug/L	0.10
28) Chlorobenzene-d5	11.654	117	245192	25.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	13.562	152	98017	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.411	65	322	0.079	ug/L	0.04
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.320%#
7) Chloroethane-d5	3.015	69	54814	19.055	ug/L	0.12
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.240%
11) 1,1-Dichloroethene-d2	4.137	65	34767	20.078	ug/L	0.12
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.320%
21) 2-Butanone-d5	7.027	46	77	0.095	ug/L	-0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.200%#
24) Chloroform-d	7.673	84	134495	18.312	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.240%
26) 1,2-Dichloroethane-d4	8.337	65	232	0.062	ug/L	0.03
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.240%#
32) Benzene-d6	8.356	84	283583	19.594	ug/L	0.09
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.360%
36) 1,2-Dichloropropane-d6	9.361	67	95349	22.486	ug/L	0.09
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.960%
41) Toluene-d8	10.373	98	248478	18.862	ug/L	0.05
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.440%
43) trans-1,3-Dichloroprop...	10.623	79	33377	19.135	ug/L	0.05
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.560%
47) 2-Hexanone-d5	10.965	63	33796	52.076	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.160%
56) 1,1,2,2-Tetrachloroeth...	12.696	84	73311	23.482	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.920%
66) 1,2-Dichlorobenzene-d4	13.855	152	69937	19.727	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.920%
Target Compounds						Qvalue
8) Chloroethane	2.875	64	29974	12.085	ug/L #	54
14) Carbon disulfide	4.509	76	37163	3.431	ug/L	99
16) Methylene chloride	5.045	84	12464	2.770	ug/L	98
34) Trichloroethene	8.947	95	8554	2.022	ug/L #	8
35) Methylcyclohexane	9.361	83	21946	3.168	ug/L #	21
37) 1,2-Dichloropropane	9.368	63	10505	2.641	ug/L #	88
39) cis-1,3-Dichloropropene	10.087	75	2515	0.411	ug/L #	60
48) 2-Hexanone	10.965	43	4984	3.540	ug/L #	60

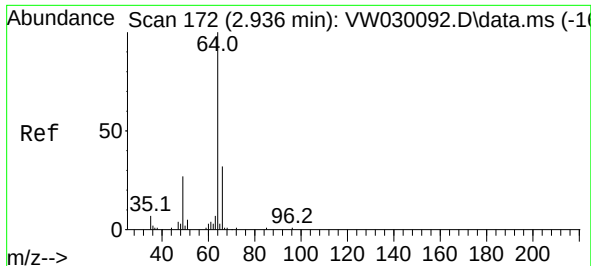
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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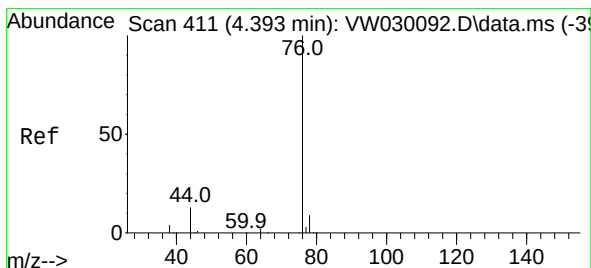
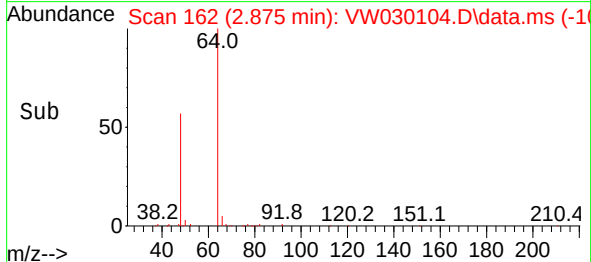
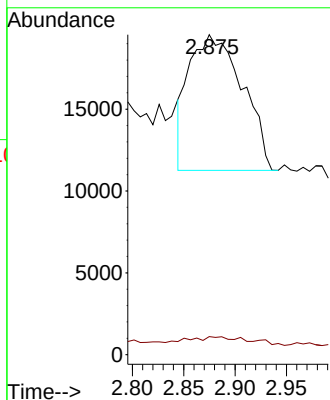
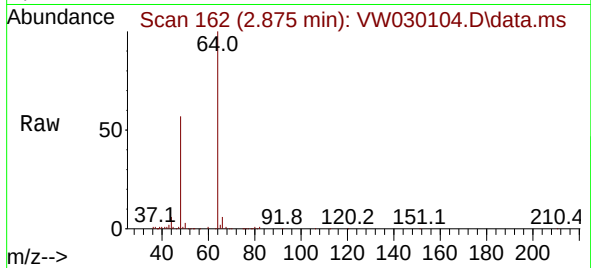




#8
Chloroethane
Concen: 12.085 ug/L
RT: 2.875 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW030104.D
Acq: 29 Aug 2024 16:57

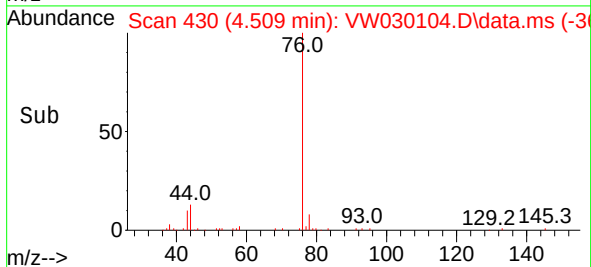
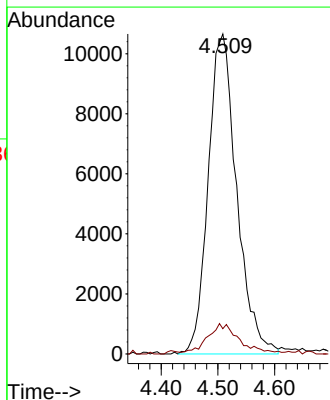
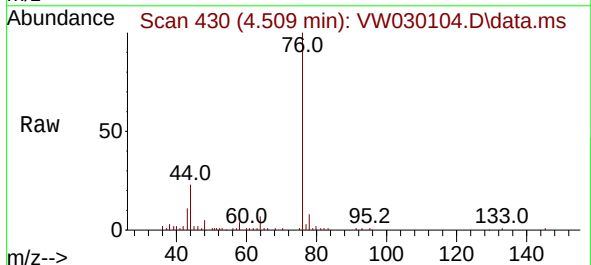
Instrument :
MSVOA_W
ClientSampleId :

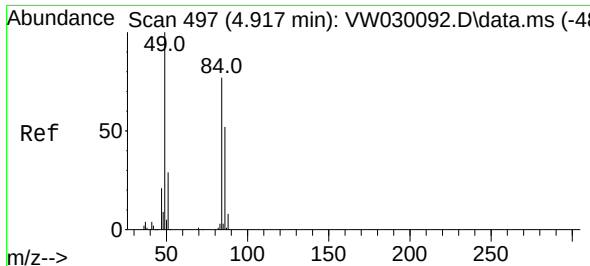
Tgt Ion: 64 Resp: 29974
Ion Ratio Lower Upper
64 100
66 5.7 21.7 40.3#



#14
Carbon disulfide
Concen: 3.431 ug/L
RT: 4.509 min Scan# 430
Delta R.T. 0.116 min
Lab File: VW030104.D
Acq: 29 Aug 2024 16:57

Tgt Ion: 76 Resp: 37163
Ion Ratio Lower Upper
76 100
78 7.9 6.6 9.8

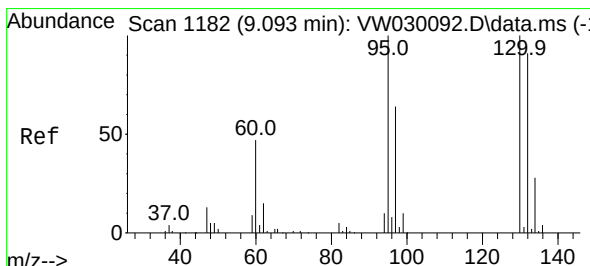
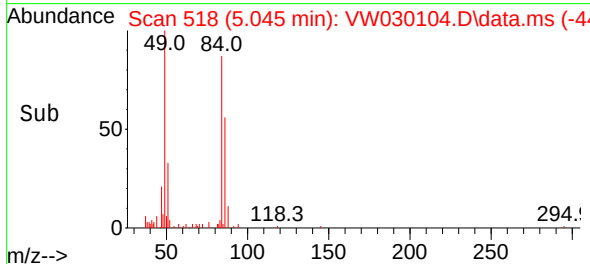
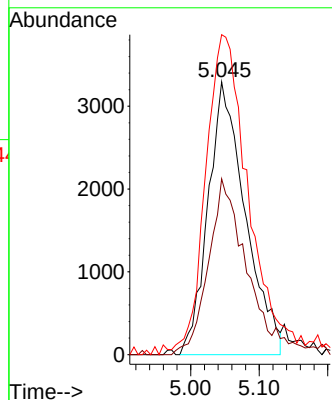
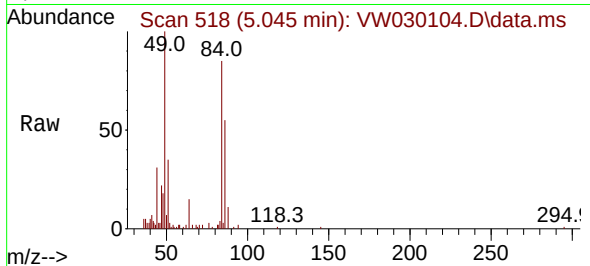




#16
Methylene chloride
Concen: 2.770 ug/L
RT: 5.045 min Scan# 518
Delta R.T. 0.128 min
Lab File: VW030104.D
Acq: 29 Aug 2024 16:57

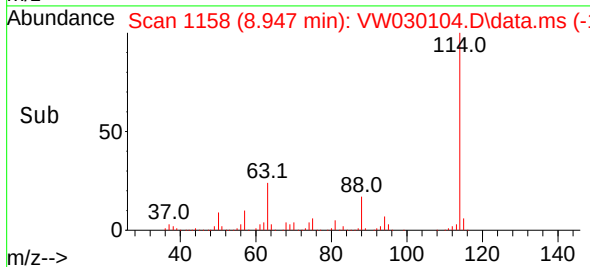
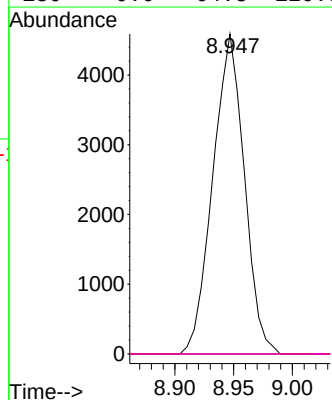
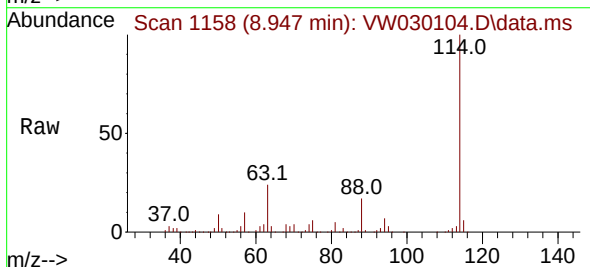
Instrument :
MSVOA_W
ClientSampleId :

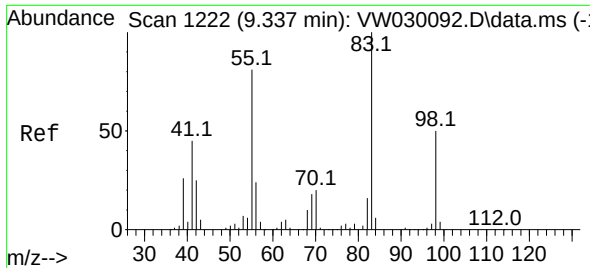
Tgt Ion: 84 Resp: 12464
Ion Ratio Lower Upper
84 100
86 64.5 44.2 82.2
49 117.3 79.9 148.3



#34
Trichloroethene
Concen: 2.022 ug/L
RT: 8.947 min Scan# 1158
Delta R.T. -0.146 min
Lab File: VW030104.D
Acq: 29 Aug 2024 16:57

Tgt Ion: 95 Resp: 8554
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#

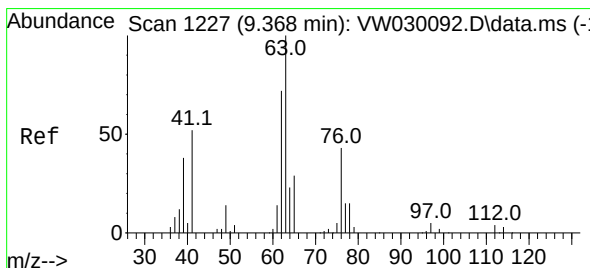
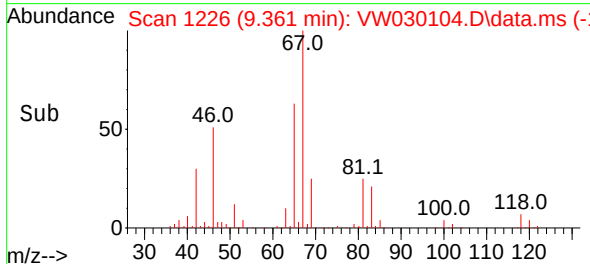
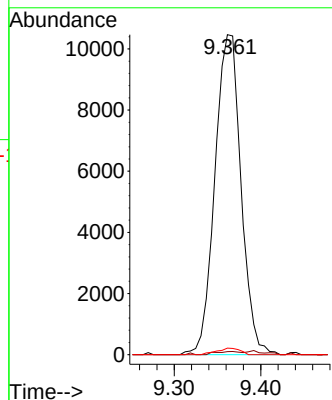
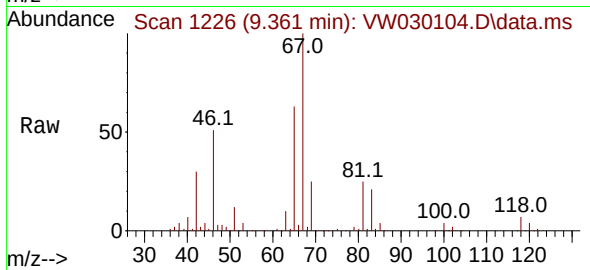




#35
Methylcyclohexane
Concen: 3.168 ug/L
RT: 9.361 min Scan# 1226
Delta R.T. 0.024 min
Lab File: VW030104.D
Acq: 29 Aug 2024 16:57

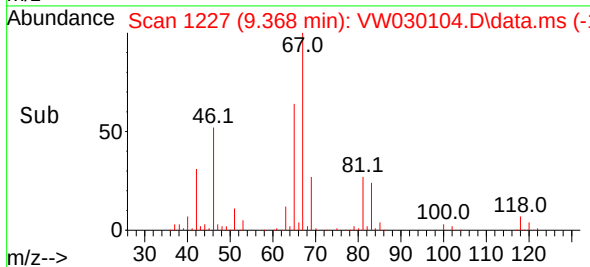
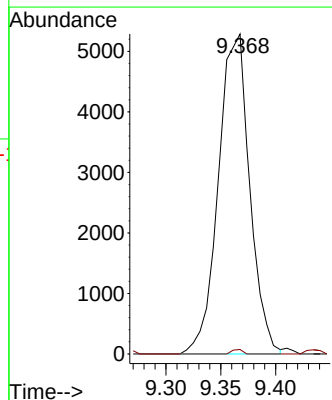
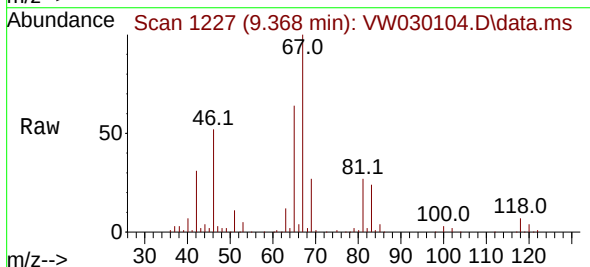
Instrument :
MSVOA_W
ClientSampleId :

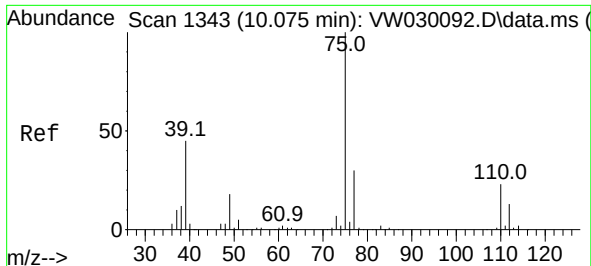
Tgt Ion: 83 Resp: 21946
Ion Ratio Lower Upper
83 100
55 0.6 59.0 88.6#
98 1.8 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 2.641 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW030104.D
Acq: 29 Aug 2024 16:57

Tgt Ion: 63 Resp: 10505
Ion Ratio Lower Upper
63 100
112 0.5 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.411 ug/L

RT: 10.087 min Scan# 1489

Delta R.T. 0.012 min

Lab File: VW030104.D

Acq: 29 Aug 2024 16:57

Instrument :

MSVOA_W

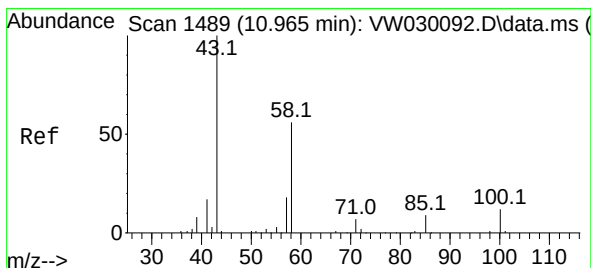
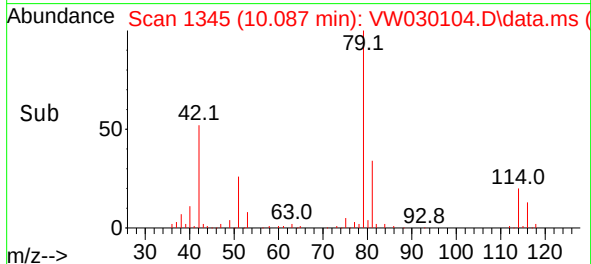
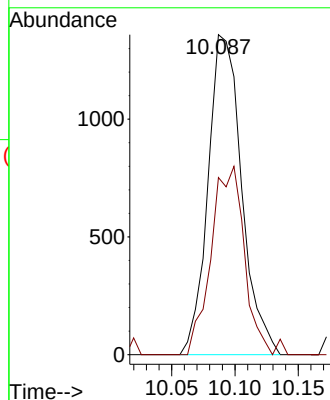
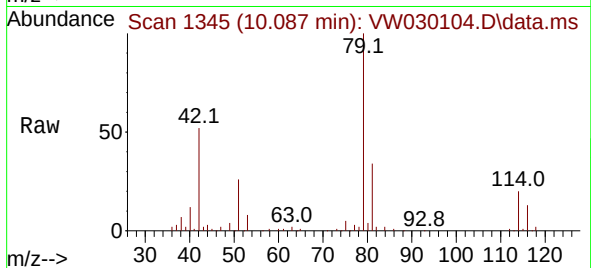
ClientSampleId :

Tgt Ion: 75 Resp: 2515

Ion Ratio Lower Upper

75 100

77 55.3 22.8 42.4#



#48

2-Hexanone

Concen: 3.540 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW030104.D

Acq: 29 Aug 2024 16:57

Tgt Ion: 43 Resp: 4984

Ion Ratio Lower Upper

43 100

58 26.7 50.0 75.0#

57 39.7 17.3 25.9#

100 8.4 10.9 16.3#

