

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
 Data File : VD079909.D
 Acq On : 26 Sep 2024 15:39
 Operator : RP/MD
 Sample : P4183-01
 Misc : 4.82G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 27 01:40:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 01:31:41 2024
 Response via : Initial Calibration

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

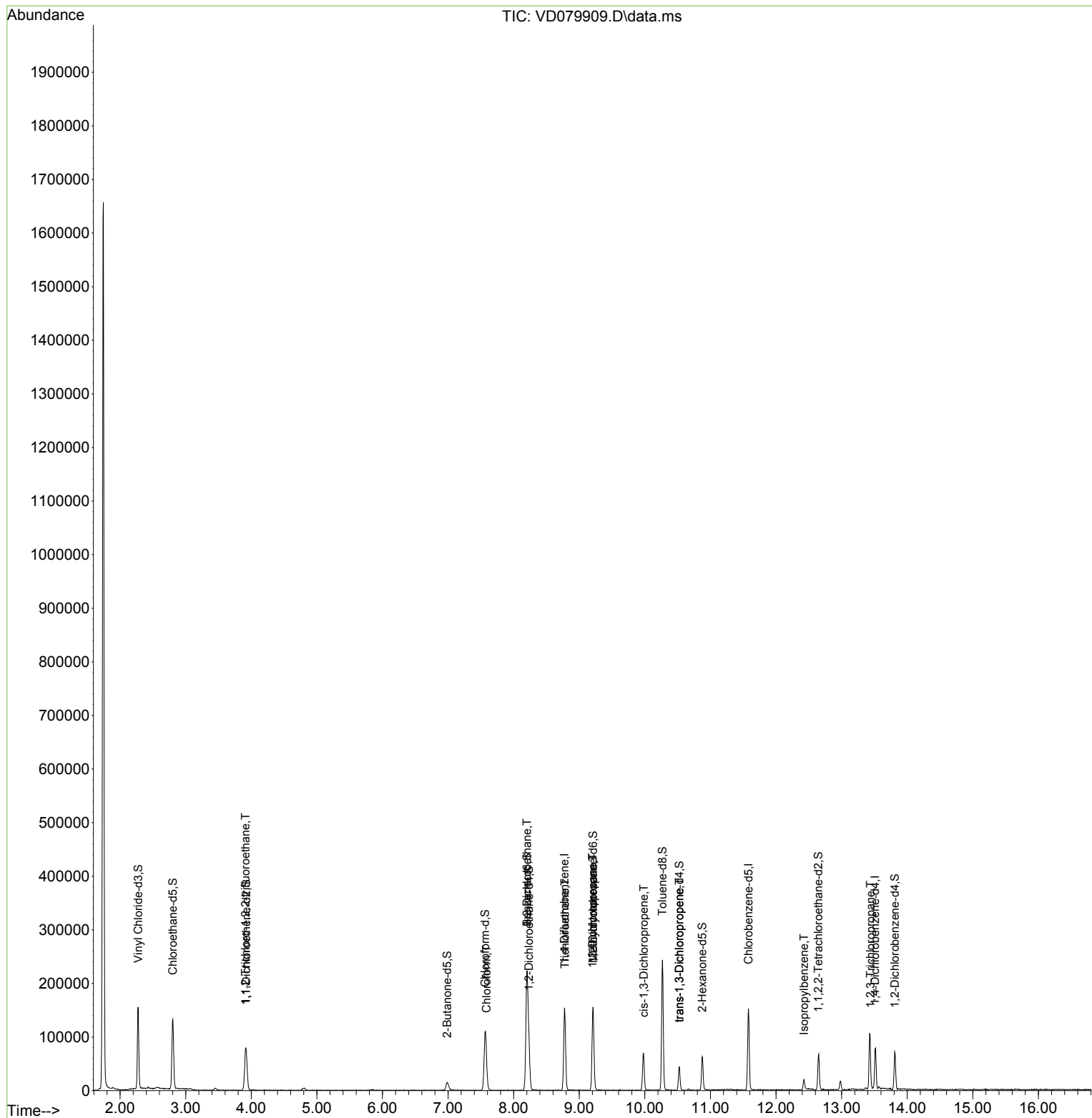
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	126943	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	81638	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.510	152	18333	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	145055	26.278	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.120%
7) Chloroethane-d5	2.804	69	135625	31.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.120%
11) 1,1-Dichloroethene-d2	3.922	65	23973	23.920	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.680%
21) 2-Butanone-d5	6.987	46	26501	51.673	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.340%
24) Chloroform-d	7.563	84	115821	27.756	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.040%
26) 1,2-Dichloroethane-d4	8.233	65	64040	29.349	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.400%
32) Benzene-d6	8.204	84	227070	39.397	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	157.600%#
36) 1,2-Dichloropropane-d6	9.210	67	75437	42.735	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	170.960%#
41) Toluene-d8	10.269	98	164582	32.451	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	129.800%
43) trans-1,3-Dichloroprop...	10.527	79	24386	32.133	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	128.520%
47) 2-Hexanone-d5	10.875	63	21004	72.993	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.980%#
56) 1,1,2,2-Tetrachloroeth...	12.645	84	34101	26.289	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.160%
66) 1,2-Dichlorobenzene-d4	13.810	152	17018	24.615	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.440%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	3.910	101	699	0.338	ug/L #	21
25) Chloroform	7.586	83	5478	1.289	ug/L	97
27) 1,2-Dichloroethane	8.204	62	1490	0.574	ug/L #	74
34) Trichloroethene	8.781	95	4069	2.897	ug/L #	8
35) Methylcyclohexane	9.210	83	17346	7.652	ug/L #	20
37) 1,2-Dichloropropane	9.204	63	8232	4.966	ug/L #	100
39) cis-1,3-Dichloropropene	9.986	75	2021	0.868	ug/L	93
44) trans-1,3-Dichloropropene	10.527	75	1153	0.562	ug/L	88
60) Isopropylbenzene	12.427	105	861	0.272	ug/L #	1
61) 1,2,3-Trichloropropane	13.439	75	131	0.291	ug/L #	1

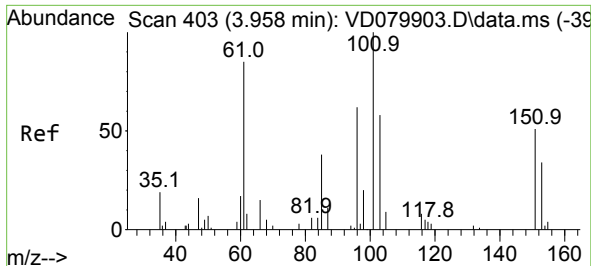
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Sep 27 01:31:41 2024
Response via : Initial Calibration

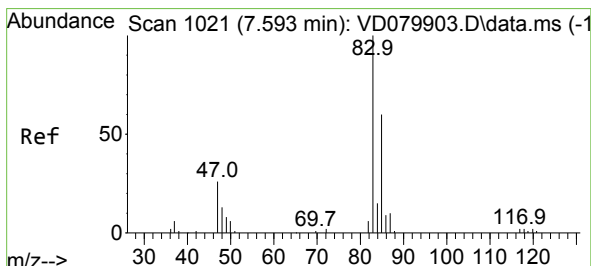
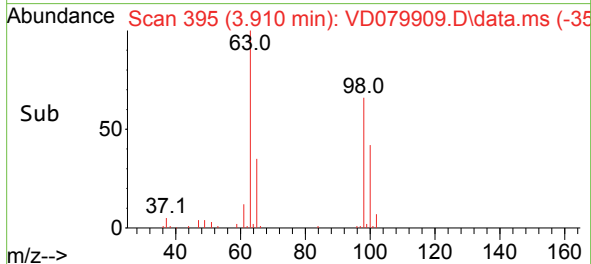
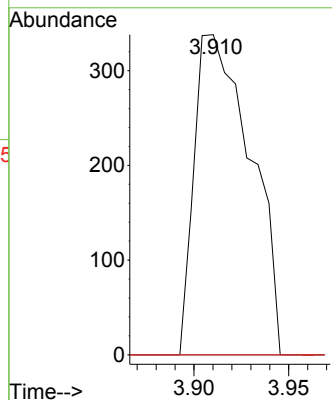
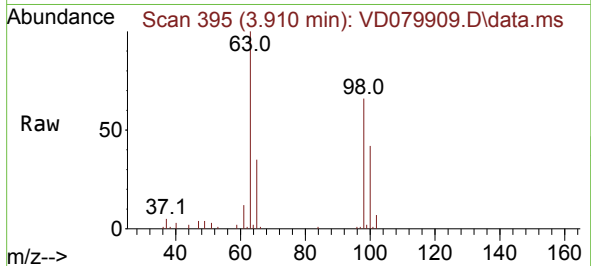




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.338 ug/L
RT: 3.910 min Scan# 395
Delta R.T. -0.048 min
Lab File: VD079909.D
Acq: 26 Sep 2024 15:39

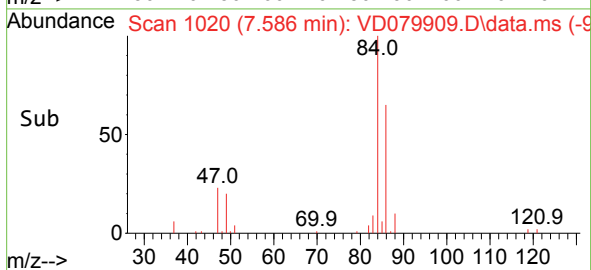
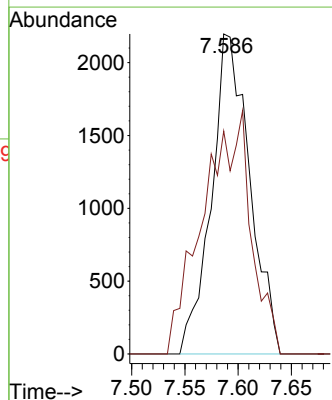
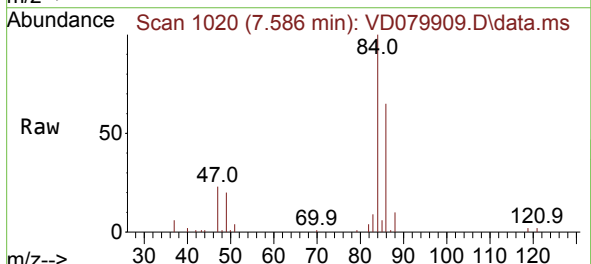
Instrument :
MSVOA_D
ClientSampleId :

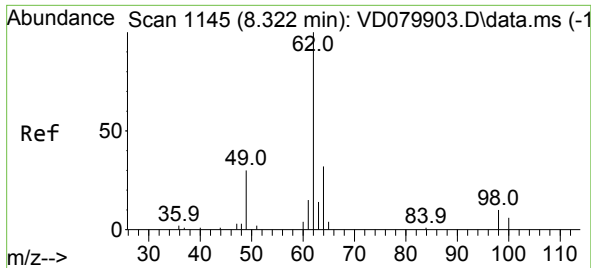
Tgt Ion:101 Resp: 699
Ion Ratio Lower Upper
101 100
85 0.0 37.8 56.8#
151 0.0 54.2 81.4#



#25
Chloroform
Concen: 1.289 ug/L
RT: 7.586 min Scan# 1020
Delta R.T. -0.006 min
Lab File: VD079909.D
Acq: 26 Sep 2024 15:39

Tgt Ion: 83 Resp: 5478
Ion Ratio Lower Upper
83 100
85 69.6 47.3 87.9

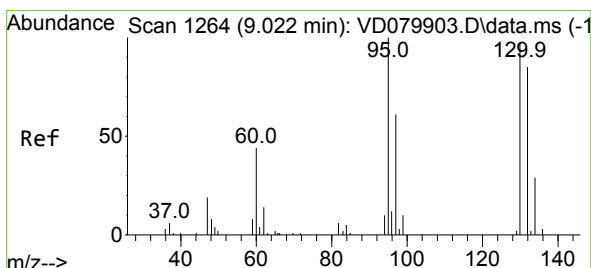
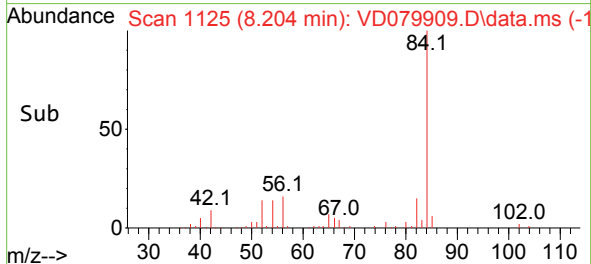
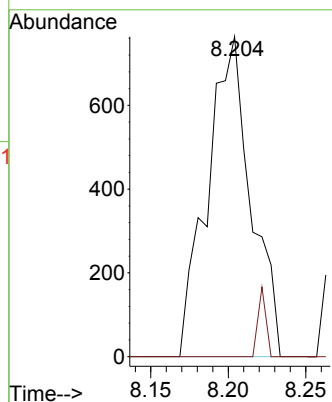
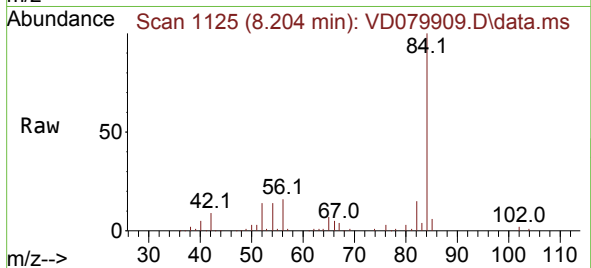




#27
1,2-Dichloroethane
Concen: 0.574 ug/L
RT: 8.204 min Scan# 1125
Delta R.T. -0.118 min
Lab File: VD079909.D
Acq: 26 Sep 2024 15:39

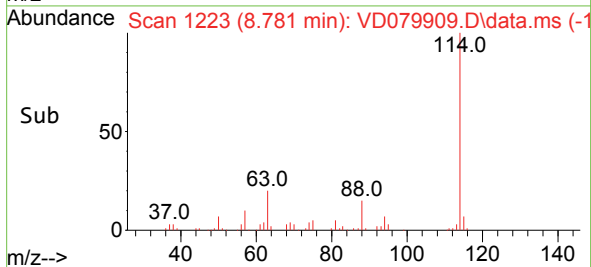
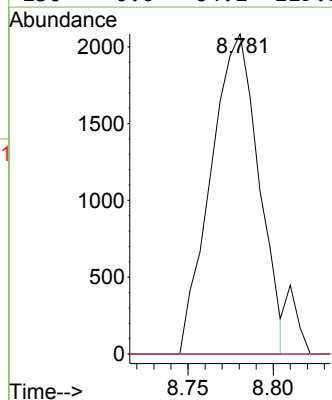
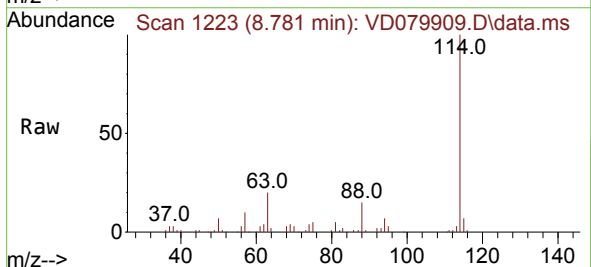
Instrument :
MSVOA_D
ClientSampleId :

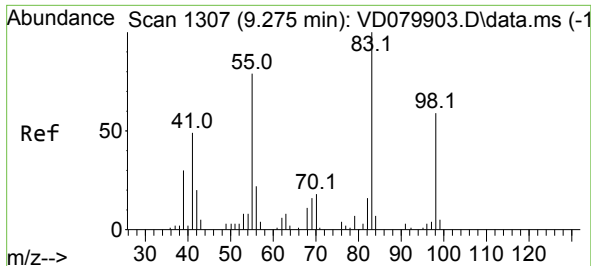
Tgt Ion: 62 Resp: 1490
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



#34
Trichloroethene
Concen: 2.897 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.242 min
Lab File: VD079909.D
Acq: 26 Sep 2024 15:39

Tgt Ion: 95 Resp: 4069
Ion Ratio Lower Upper
95 100
97 0.0 43.5 80.7#
132 0.0 64.5 119.7#
130 0.0 64.1 119.1#

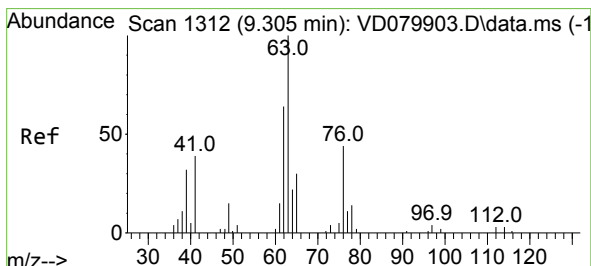
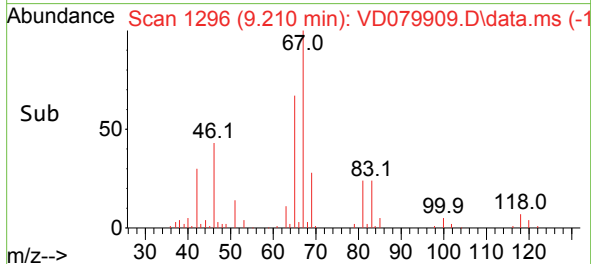
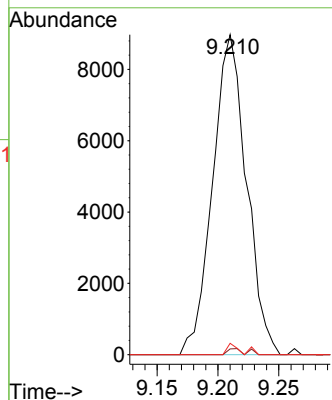
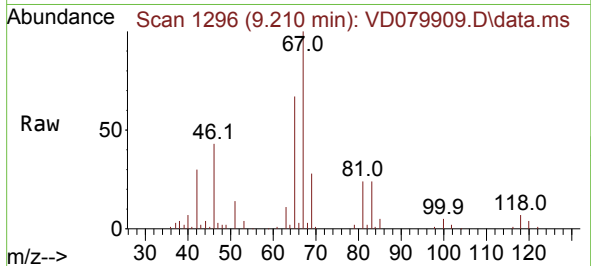




#35
Methylcyclohexane
Concen: 7.652 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD079909.D
Acq: 26 Sep 2024 15:39

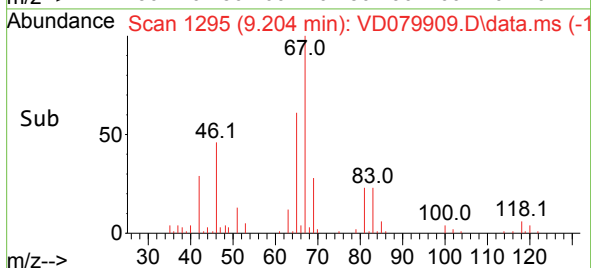
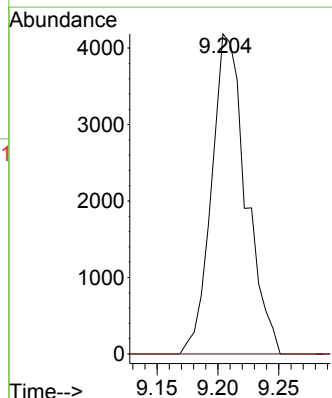
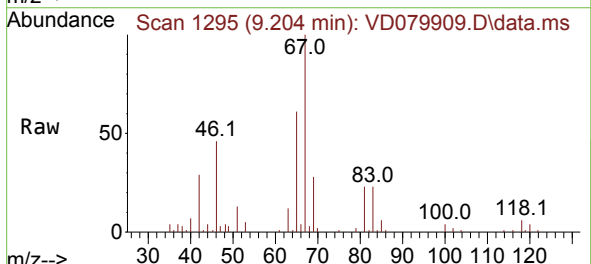
Instrument :
MSVOA_D
ClientSampleId :

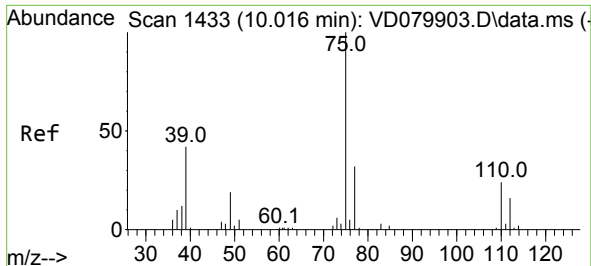
Tgt Ion: 83 Resp: 17346
Ion Ratio Lower Upper
83 100
55 0.7 58.9 88.3#
98 1.0 38.6 58.0#



#37
1,2-Dichloropropane
Concen: 4.966 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.101 min
Lab File: VD079909.D
Acq: 26 Sep 2024 15:39

Tgt Ion: 63 Resp: 8232
Ion Ratio Lower Upper
63 100
112 0.0 0.0 0.0





#39

cis-1,3-Dichloropropene

Concen: 0.868 ug/L

RT: 9.986 min Scan# 1433

Delta R.T. -0.030 min

Lab File: VD079909.D

Acq: 26 Sep 2024 15:39

Instrument :

MSVOA_D

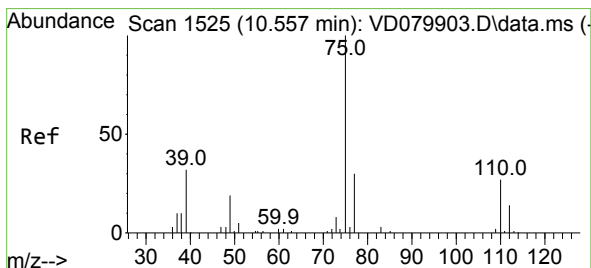
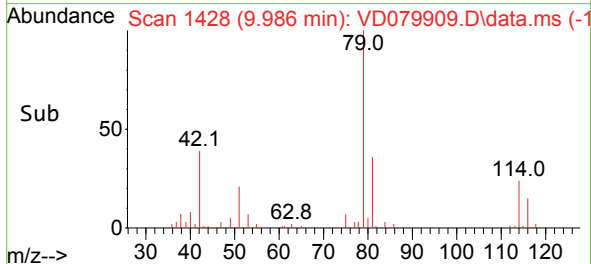
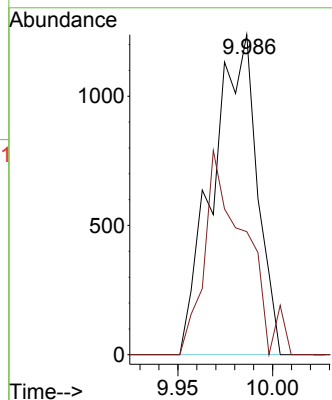
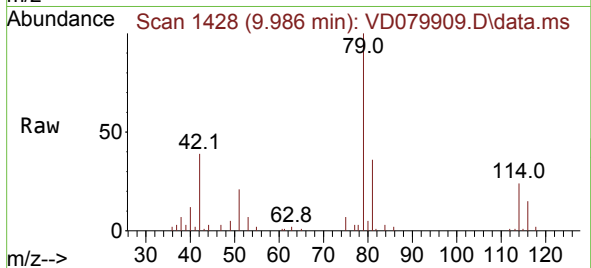
ClientSampleId :

Tgt Ion: 75 Resp: 2021

Ion Ratio Lower Upper

75 100

77 38.4 24.1 44.8



#44

trans-1,3-Dichloropropene

Concen: 0.562 ug/L

RT: 10.527 min Scan# 1520

Delta R.T. -0.030 min

Lab File: VD079909.D

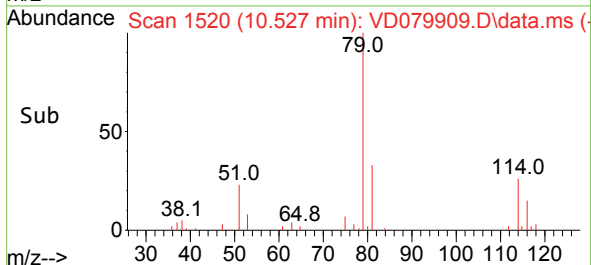
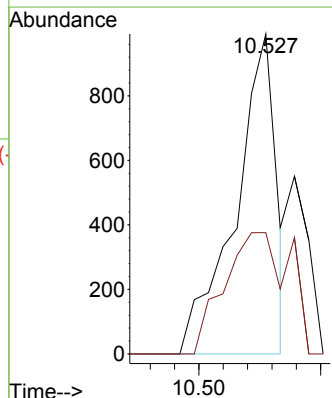
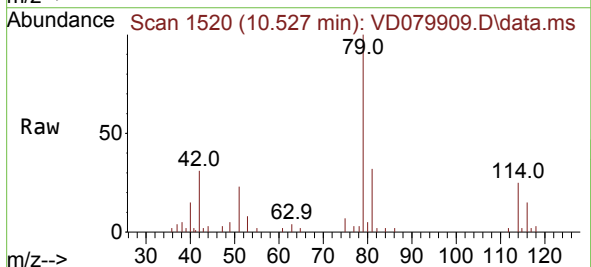
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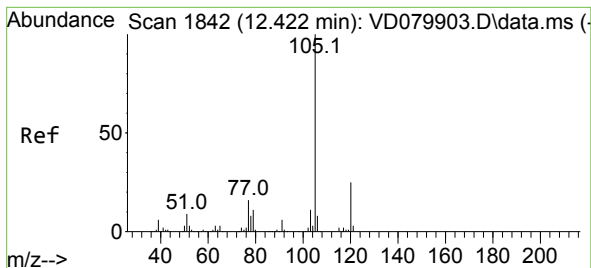
Tgt Ion: 75 Resp: 1153

Ion Ratio Lower Upper

75 100

77 37.9 21.8 40.4





#60

Isopropylbenzene

Concen: 0.272 ug/L

RT: 12.427 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD079909.D

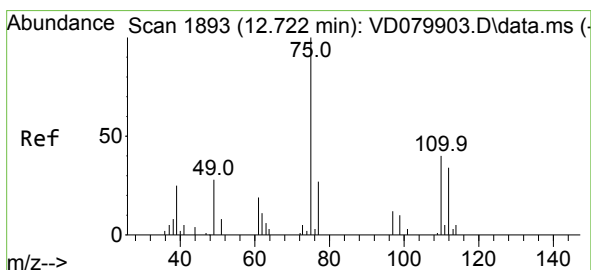
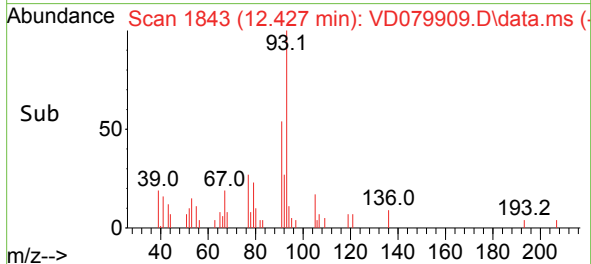
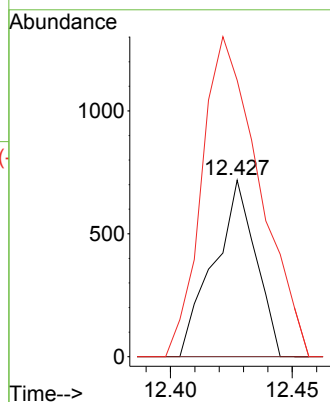
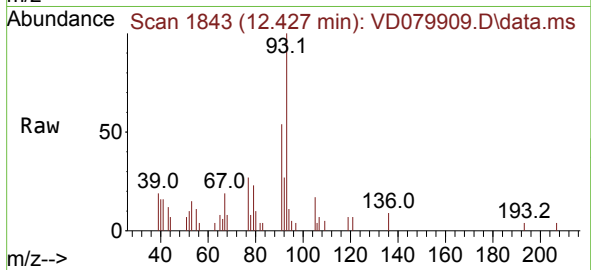
Acq: 26 Sep 2024 15:39

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	105	Resp:	861
Ion Ratio	Lower	Upper	
105	100		
120	0.0	20.9	31.3#
77	248.8	12.6	19.0#



#61

1,2,3-Trichloropropane

Concen: 0.291 ug/L

RT: 13.439 min Scan# 2015

Delta R.T. 0.717 min

Lab File: VD079909.D

Acq: 26 Sep 2024 15:39

Tgt Ion:	75	Resp:	131
Ion Ratio	Lower	Upper	
75	100		
77	4711.5	25.1	37.7#
110	0.0	30.1	45.1#

