

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
 Data File : VD079063.D
 Acq On : 29 May 2024 14:28
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 30 01:12:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 30 01:09:48 2024
 Response via : Initial Calibration

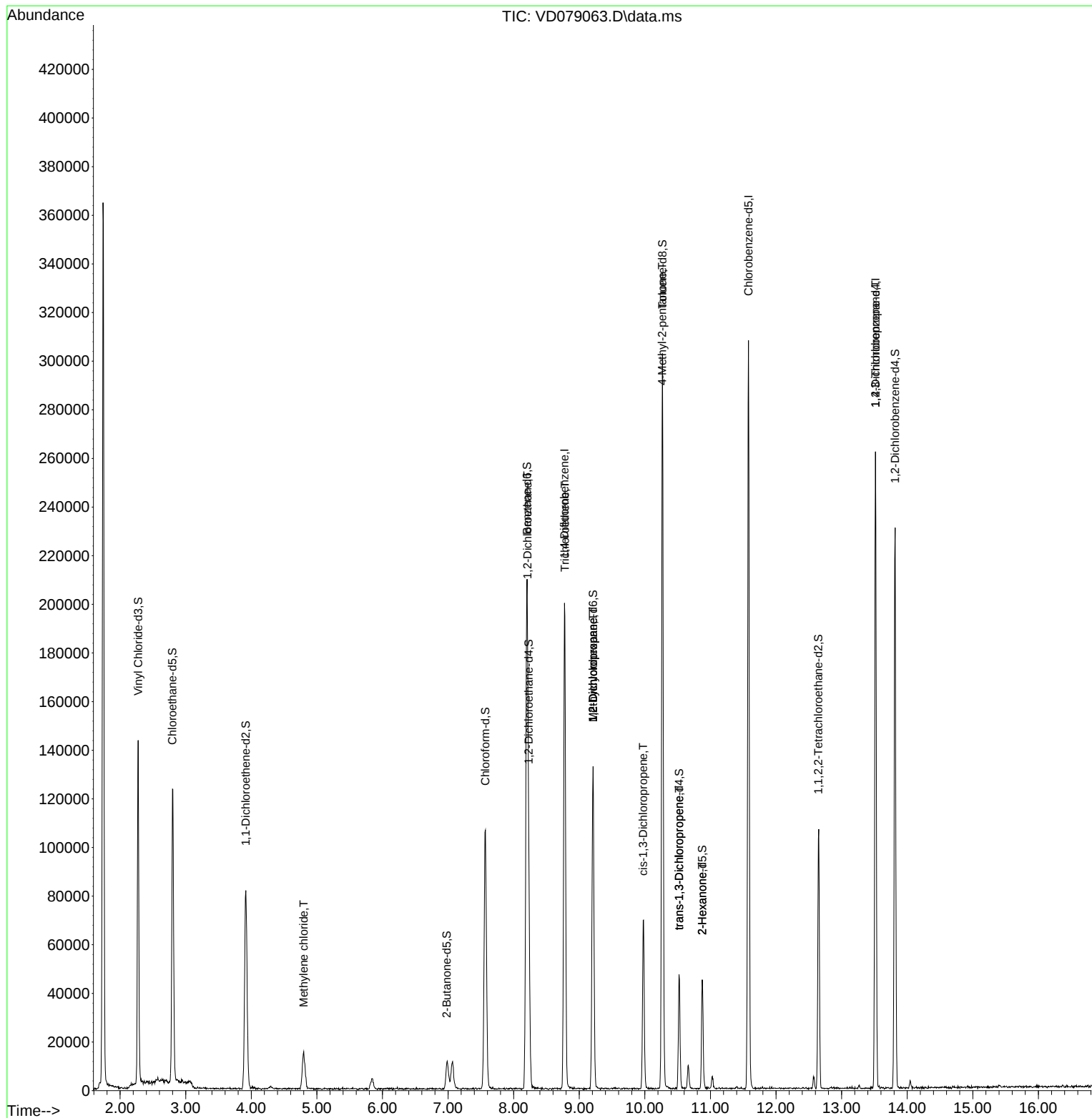
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	188760	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	188860	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	75562	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	133411	22.967	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.880%
7) Chloroethane-d5	2.799	69	134400	23.929	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.720%
11) 1,1-Dichloroethene-d2	3.916	65	23141	22.441	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.760%
21) 2-Butanone-d5	6.981	46	19682	44.300	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.600%
24) Chloroform-d	7.569	84	117030	22.174	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.680%
26) 1,2-Dichloroethane-d4	8.228	65	55887	22.954	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	8.204	84	239457	22.872	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.480%
36) 1,2-Dichloropropane-d6	9.210	67	68011	22.551	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.200%
41) Toluene-d8	10.269	98	215627	21.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	10.522	79	28155	22.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.840%
47) 2-Hexanone-d5	10.875	63	16690	42.808	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.620%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	54859	20.536	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	65459	25.101	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.799	84	13029	3.874	ug/L	89
27) 1,2-Dichloroethane	8.210	62	754	0.252	ug/L #	72
34) Trichloroethene	8.781	95	5317	1.835	ug/L #	1
35) Methylcyclohexane	9.210	83	16902	3.521	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	7144	2.593	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	2137	0.497	ug/L	97
40) 4-Methyl-2-pentanone	10.263	43	813	0.707	ug/L #	1
44) trans-1,3-Dichloropropene	10.522	75	1448	0.398	ug/L	94
48) 2-Hexanone	10.875	43	1628	1.636	ug/L #	64
61) 1,2,3-Trichloropropane	13.516	75	8435	6.323	ug/L #	61

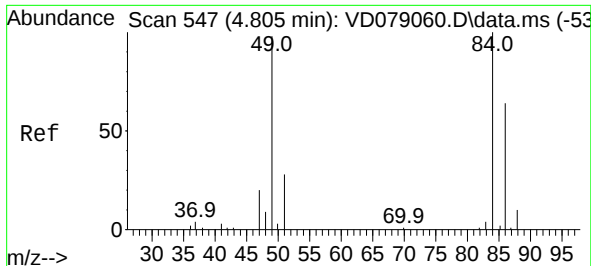
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu May 30 01:09:48 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 3.874 ug/L

RT: 4.799 min Scan# 54

Delta R.T. -0.006 min

Lab File: VD079063.D

Acq: 29 May 2024 14:28

Instrument :

MSVOA_D

ClientSampleId :

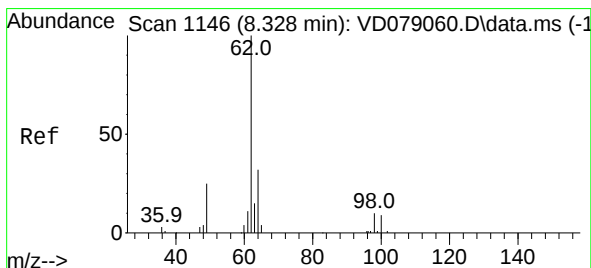
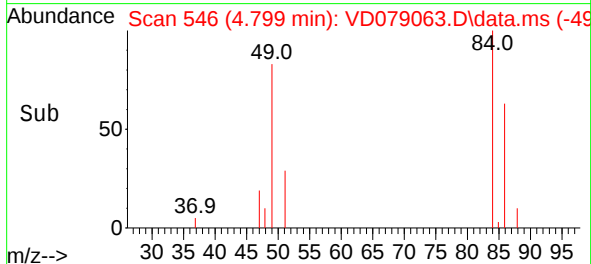
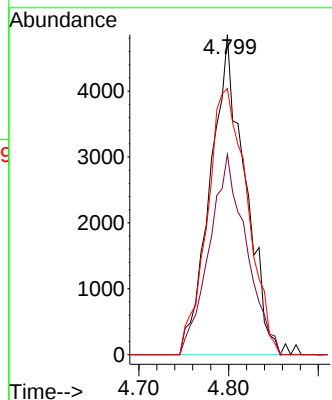
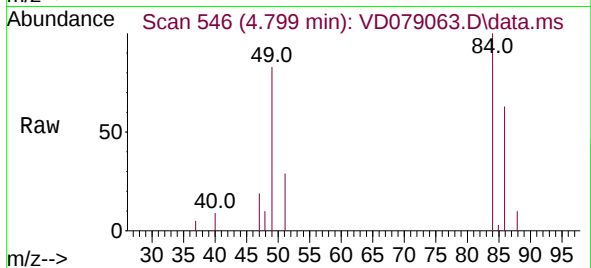
Tgt Ion: 84 Resp: 13029

Ion Ratio Lower Upper

84 100

86 62.6 40.9 76.0

49 83.2 67.5 125.3



#27

1,2-Dichloroethane

Concen: 0.252 ug/L

RT: 8.210 min Scan# 1126

Delta R.T. -0.118 min

Lab File: VD079063.D

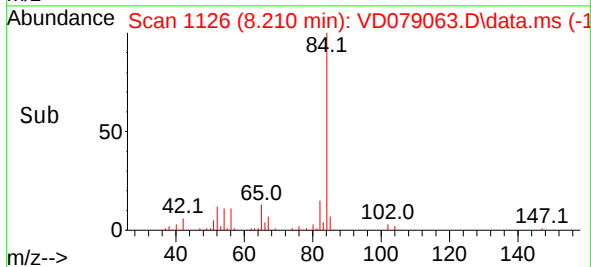
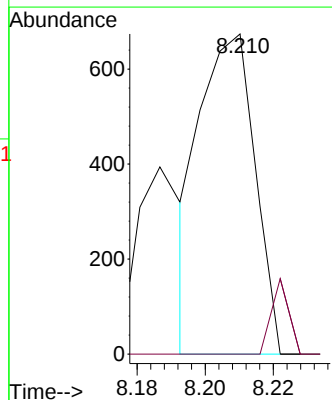
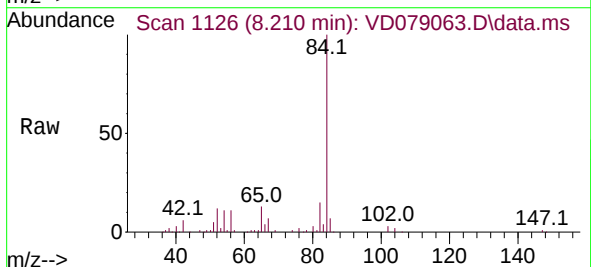
Acq: 29 May 2024 14:28

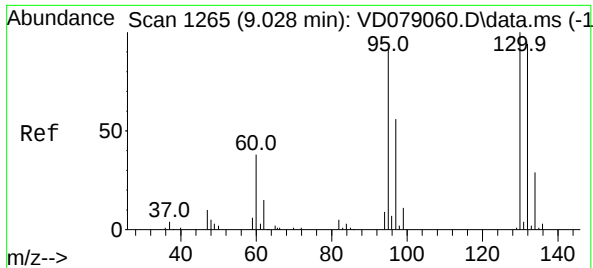
Tgt Ion: 62 Resp: 754

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#

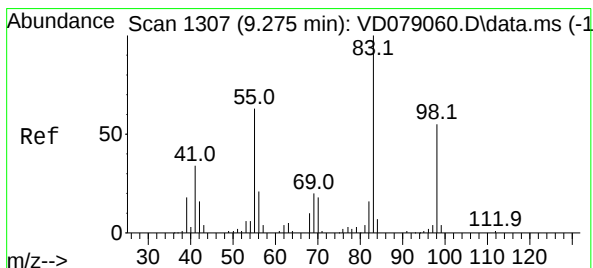
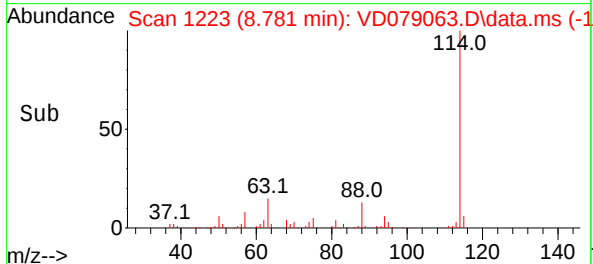
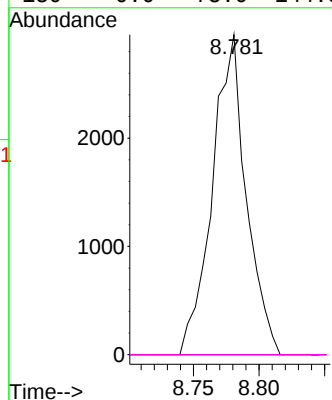
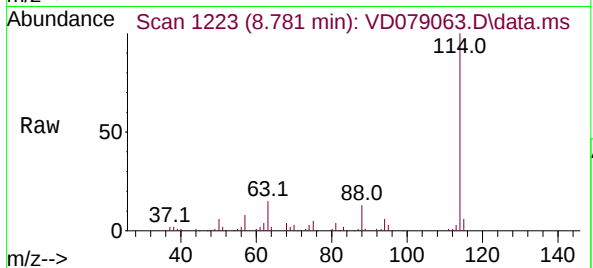




#34
Trichloroethene
Concen: 1.835 ug/L
RT: 8.781 min Scan# 1296
Delta R.T. -0.247 min
Lab File: VD079063.D
Acq: 29 May 2024 14:28

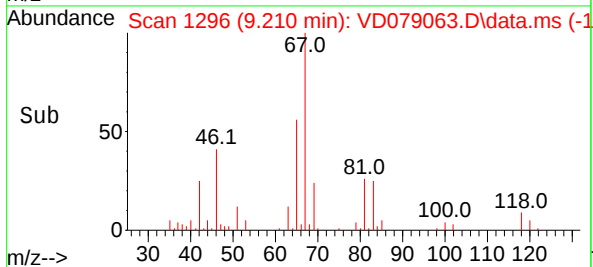
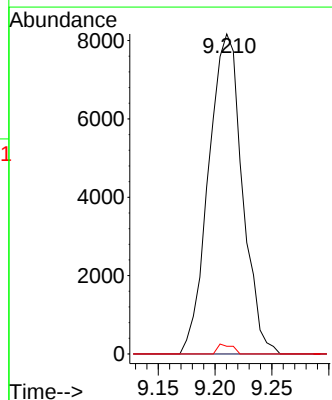
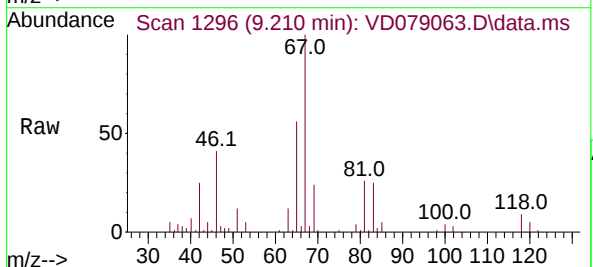
Instrument :
MSVOA_D
ClientSampleId :

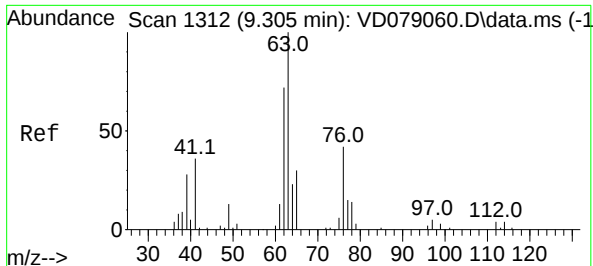
Tgt Ion: 95	Resp: 5317
Ion Ratio	Lower Upper
95	100
97	0.0 44.6 82.8#
132	0.0 74.9 139.1#
130	0.0 78.0 144.8#



#35
Methylcyclohexane
Concen: 3.521 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD079063.D
Acq: 29 May 2024 14:28

Tgt Ion: 83	Resp: 16902
Ion Ratio	Lower Upper
83	100
55	0.0 48.6 72.8#
98	1.3 40.2 60.2#

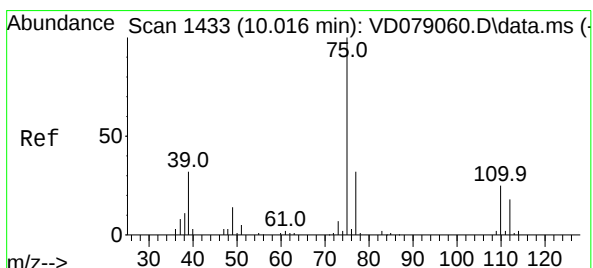
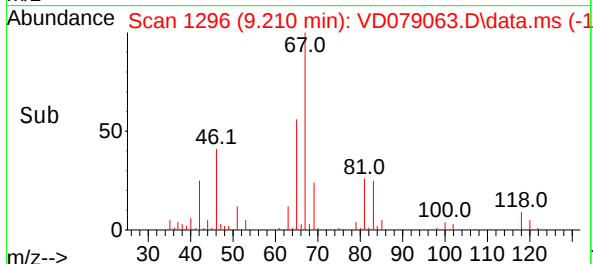
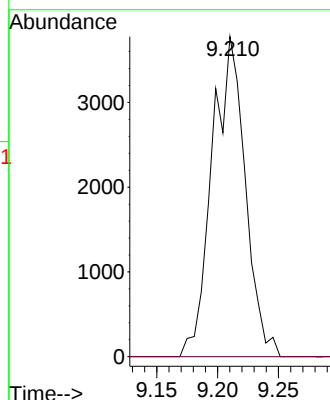
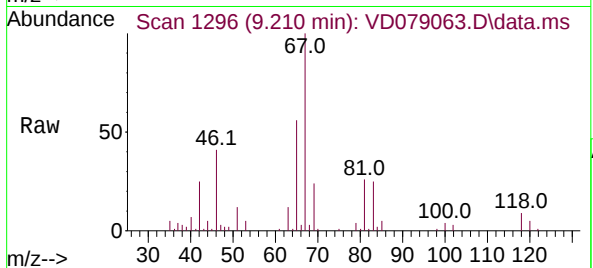




#37
1,2-Dichloropropane
Concen: 2.593 ug/L
RT: 9.210 min Scan# 1426
Delta R.T. -0.094 min
Lab File: VD079063.D
Acq: 29 May 2024 14:28

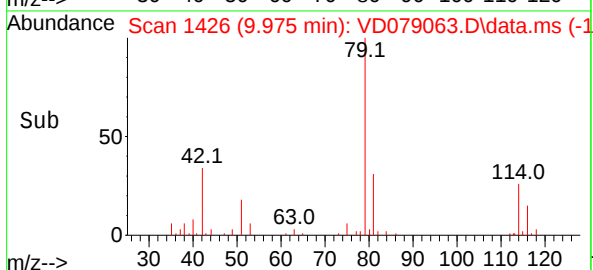
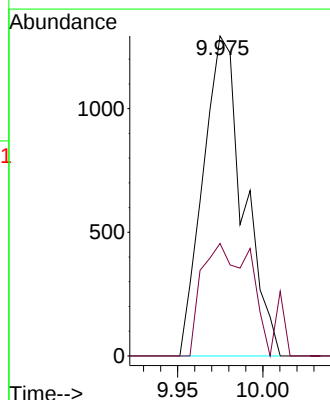
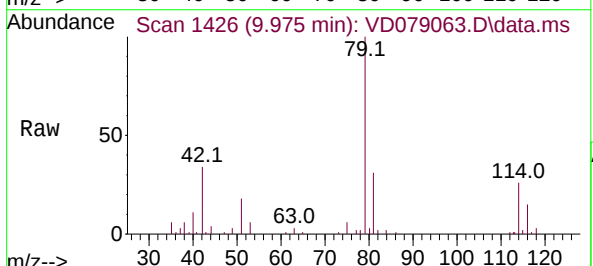
Instrument :
MSVOA_D
ClientSampleId :

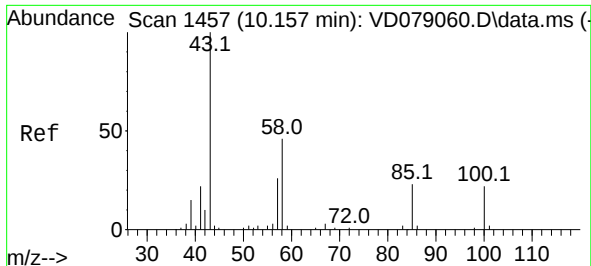
Tgt Ion: 63 Resp: 7144
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.497 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD079063.D
Acq: 29 May 2024 14:28

Tgt Ion: 75 Resp: 2137
Ion Ratio Lower Upper
75 100
77 35.2 23.4 43.4





#40

4-Methyl-2-pentanone

Concen: 0.707 ug/L

RT: 10.263 min Scan# 1457

Delta R.T. 0.106 min

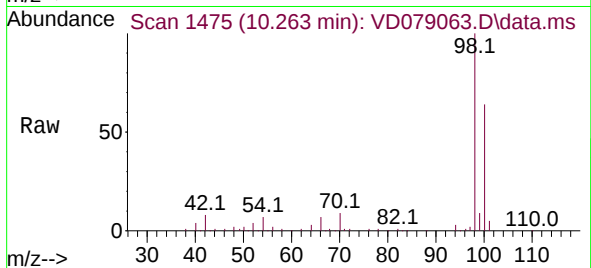
Lab File: VD079063.D

Acq: 29 May 2024 14:28

Instrument :

MSVOA_D

ClientSampleId :



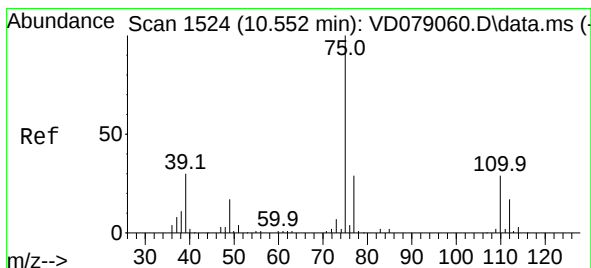
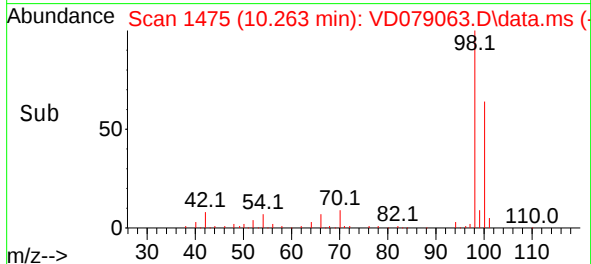
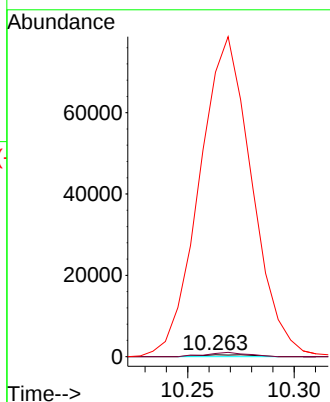
Tgt Ion: 43 Resp: 813

Ion Ratio Lower Upper

43 100

58 175.9 34.0 51.0#

100 16720.2 16.9 25.3#



#44

trans-1,3-Dichloropropene

Concen: 0.398 ug/L

RT: 10.522 min Scan# 1519

Delta R.T. -0.030 min

Lab File: VD079063.D

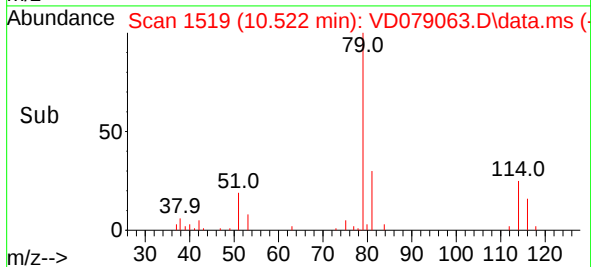
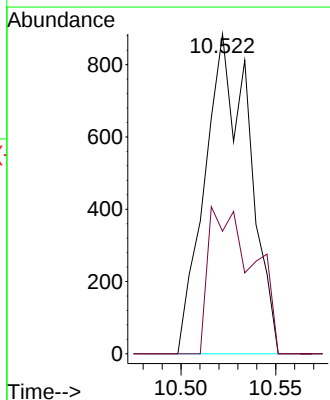
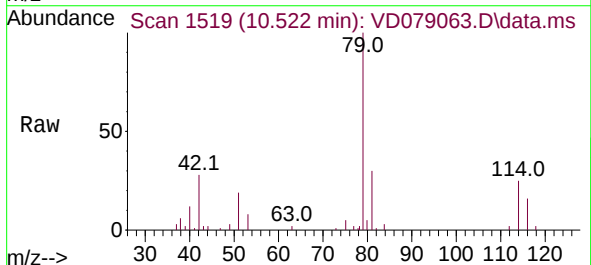
Acq: 29 May 2024 14:28

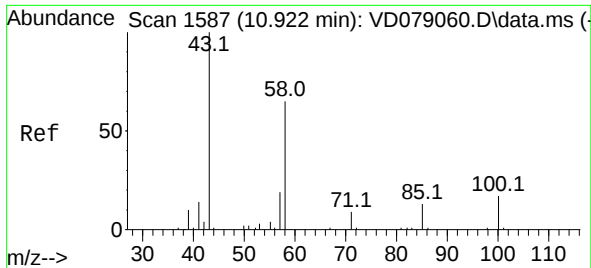
Tgt Ion: 75 Resp: 1448

Ion Ratio Lower Upper

75 100

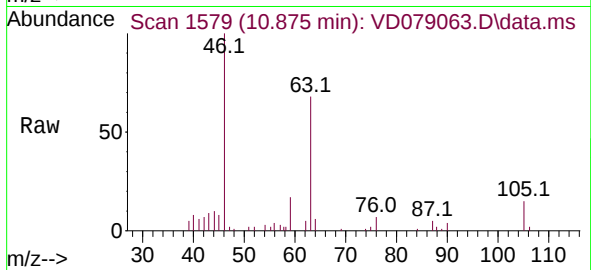
77 38.3 24.3 45.1





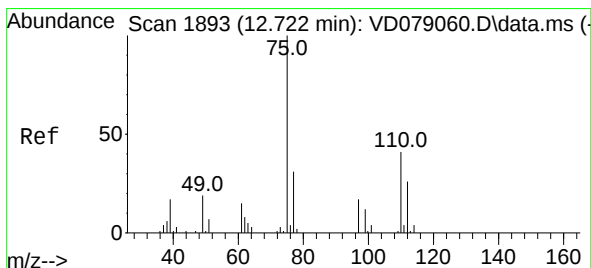
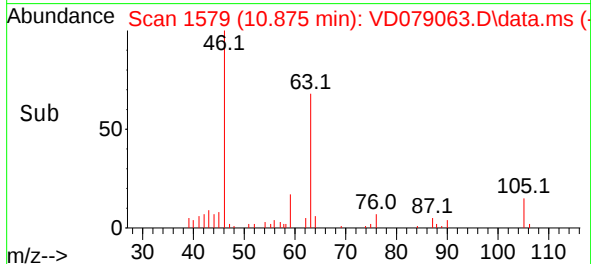
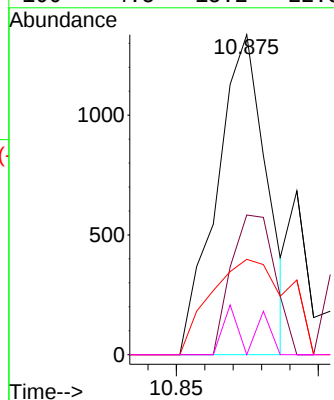
#48
2-Hexanone
Concen: 1.636 ug/L
RT: 10.875 min Scan# 1
Delta R.T. -0.047 min
Lab File: VD079063.D
Acq: 29 May 2024 14:28

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 1628

Ion	Ratio	Lower	Upper
43	100		
58	38.3	50.1	75.1#
57	46.1	16.5	24.7#
100	4.5	15.2	22.8#



#61
1,2,3-Trichloropropane
Concen: 6.323 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.794 min
Lab File: VD079063.D
Acq: 29 May 2024 14:28

Tgt Ion: 75 Resp: 8435

Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.9	38.9
110	0.0	34.2	51.4#

