

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120623\
 Data File : VD077764.D
 Acq On : 06 Dec 2023 16:21
 Operator : JC/SY
 Sample : 05646-08
 Misc : 6.65G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 07 00:33:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

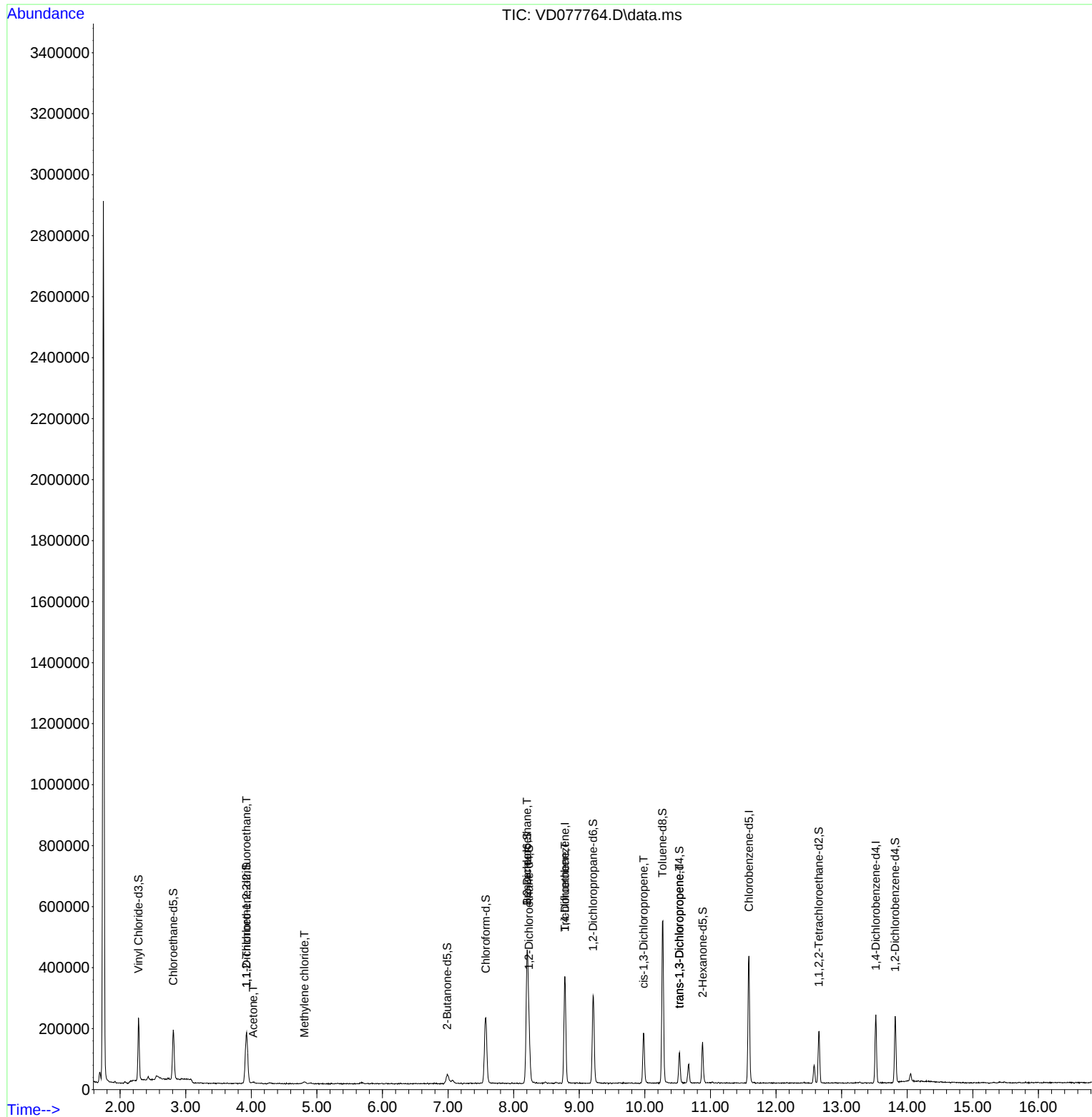
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	316404	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	241464	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	60198	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	186550	21.620	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.480%
7) Chloroethane-d5	2.811	69	167792	24.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	3.928	65	50455	22.552	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.200%
21) 2-Butanone-d5	6.987	46	53477	49.038	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.080%
24) Chloroform-d	7.575	84	232699	27.288	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.160%
26) 1,2-Dichloroethane-d4	8.234	65	124684	28.858	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.440%
32) Benzene-d6	8.204	84	468678	32.228	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.920%
36) 1,2-Dichloropropane-d6	9.210	67	147377	33.214	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	132.840%#
41) Toluene-d8	10.269	98	377657	28.214	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.840%
43) trans-1,3-Dichloroprop...	10.528	79	58072	29.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.400%
47) 2-Hexanone-d5	10.881	63	46676	61.046	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.100%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	88952	27.742	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	58266	27.056	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.240%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.928	101	1533	0.337	ug/L #	21
13) Acetone	4.028	43	7274	5.206	ug/L	75
16) Methylene chloride	4.811	84	5223	0.930	ug/L	84
27) 1,2-Dichloroethane	8.204	62	2533	0.486	ug/L #	72
34) Trichloroethene	8.781	95	9345	2.395	ug/L #	5
39) cis-1,3-Dichloropropene	9.981	75	4769	0.745	ug/L #	64
44) trans-1,3-Dichloropropene	10.528	75	2907	0.544	ug/L	84

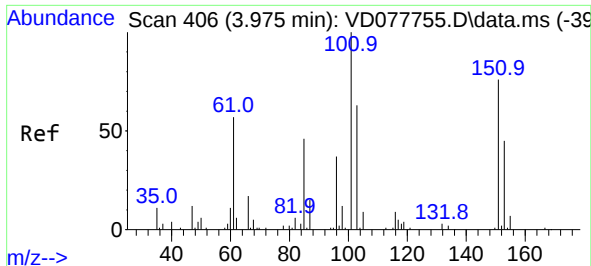
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

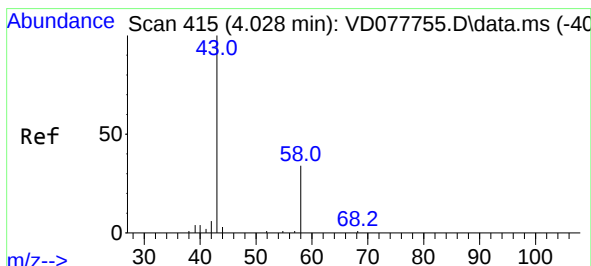
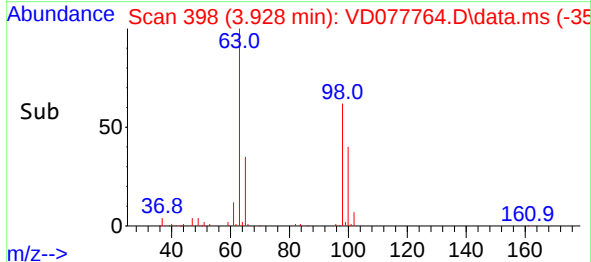
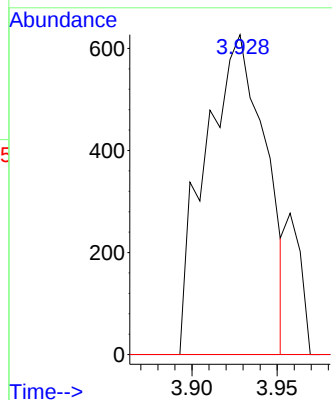
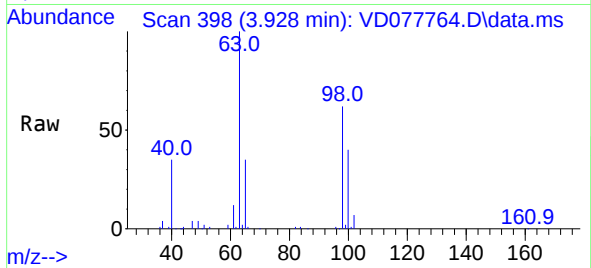




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.337 ug/L
RT: 3.928 min Scan# 398
Delta R.T. -0.047 min
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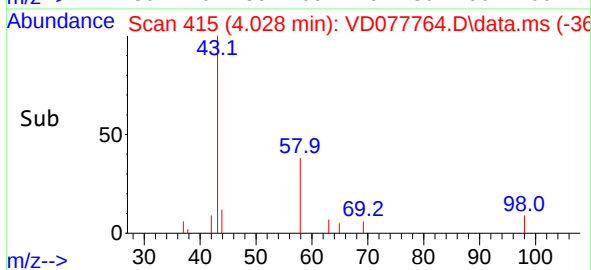
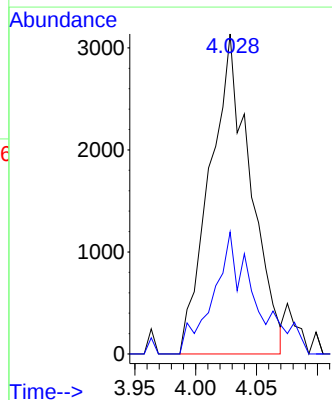
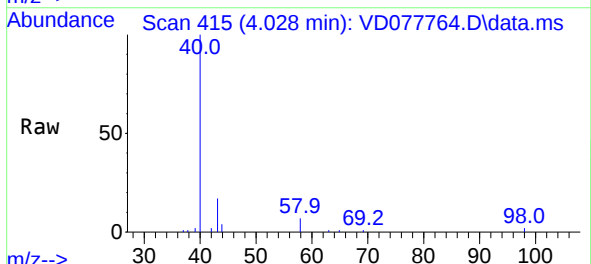
Instrument :
MSVOA_D
ClientSampleId :

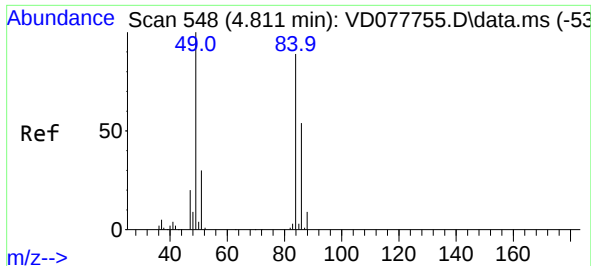
Tgt Ion:101 Resp: 1533
Ion Ratio Lower Upper
101 100
85 0.0 35.8 53.6#
151 0.0 57.0 85.6#



#13
Acetone
Concen: 5.206 ug/L
RT: 4.028 min Scan# 415
Delta R.T. -0.000 min
Lab File: VD077764.D
Acq: 06 Dec 2023 16:21

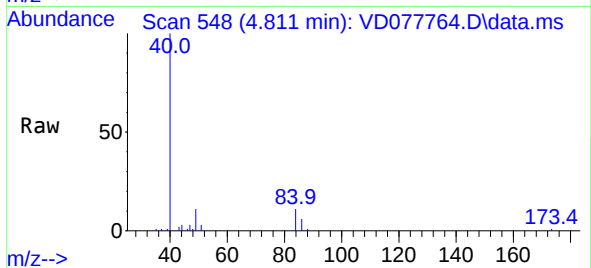
Tgt Ion: 43 Resp: 7274
Ion Ratio Lower Upper
43 100
58 19.5 0.0 67.2



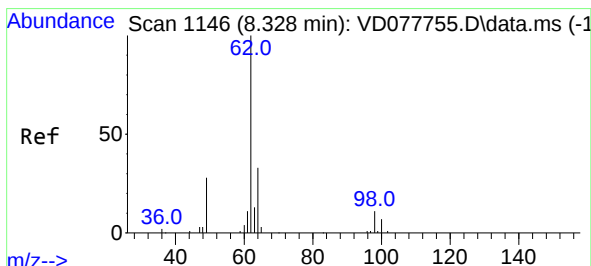
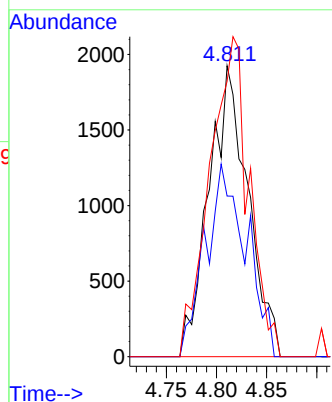
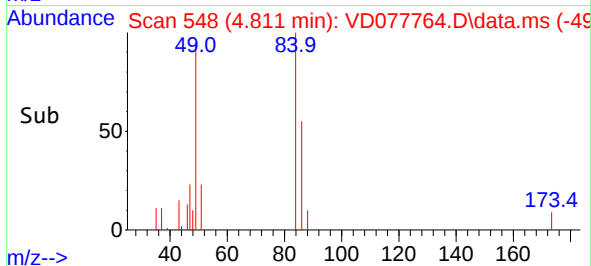


#16
Methylene chloride
Concen: 0.930 ug/L
RT: 4.811 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD077764.D
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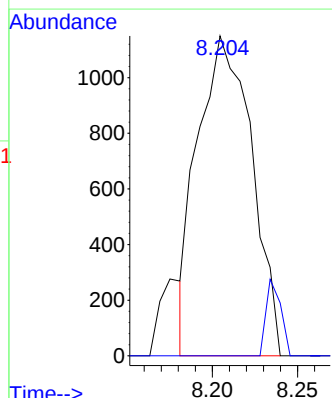
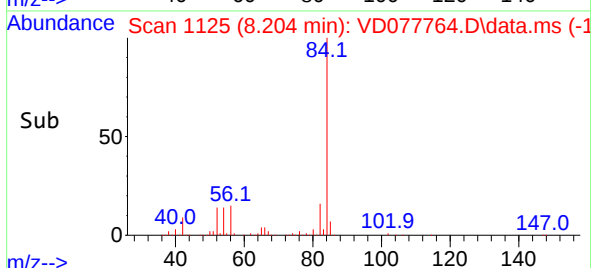
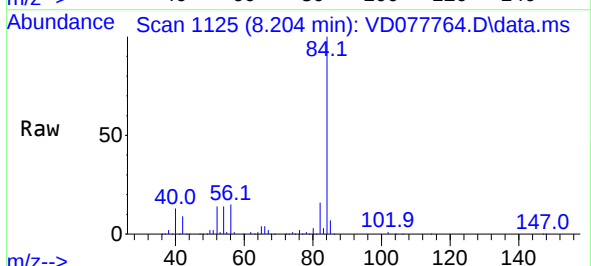


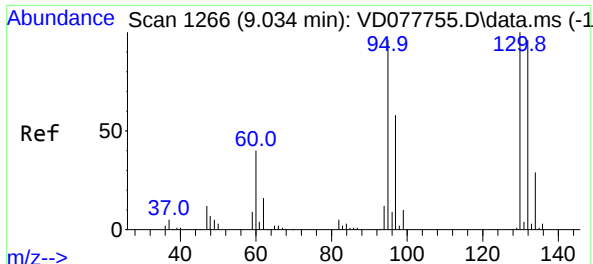
Tgt Ion: 84 Resp: 5223
Ion Ratio Lower Upper
84 100
86 55.2 40.1 74.5
49 94.7 83.2 154.6



#27
1,2-Dichloroethane
Concen: 0.486 ug/L
RT: 8.204 min Scan# 1125
Delta R.T. -0.124 min
Lab File: VD077764.D
Acq: 06 Dec 2023 16:21

Tgt Ion: 62 Resp: 2533
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#

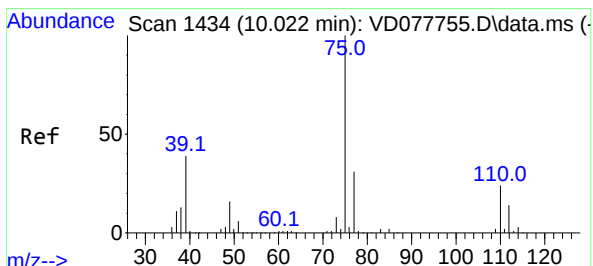
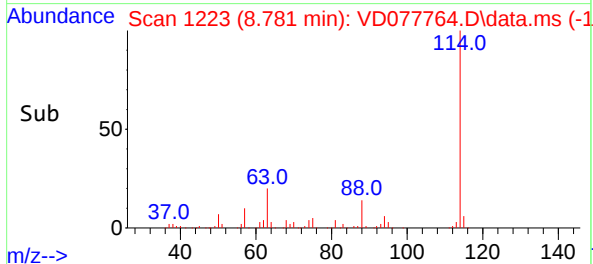
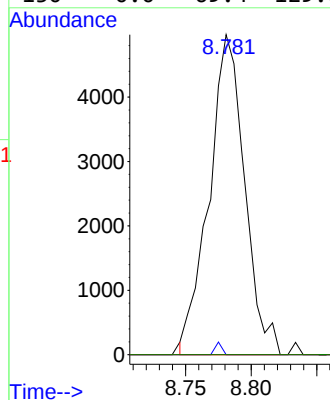
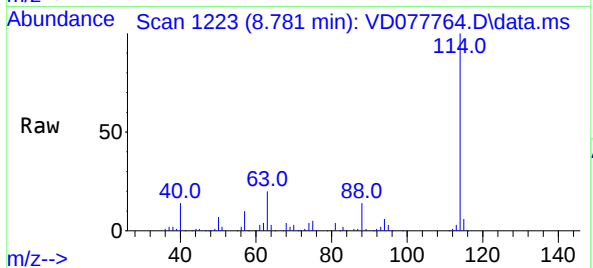




#34
Trichloroethene
Concen: 2.395 ug/L
RT: 8.781 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD077764.D
Acq: 06 Dec 2023 16:21

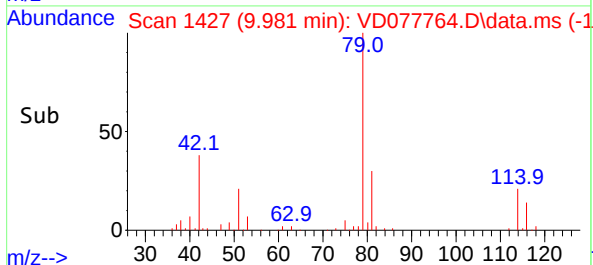
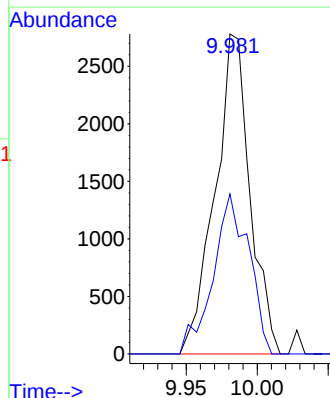
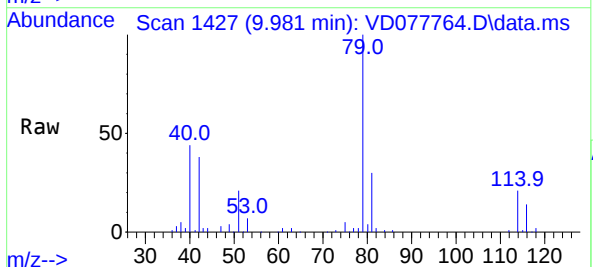
Instrument :
MSVOA_D
ClientSampleId :

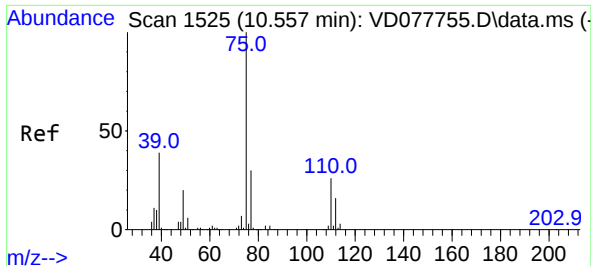
Tgt Ion: 95 Resp: 9345
Ion Ratio Lower Upper
95 100
97 0.0 44.2 82.0#
132 0.0 67.5 125.3#
130 0.0 69.4 129.0#



#39
cis-1,3-Dichloropropene
Concen: 0.745 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.041 min
Lab File: VD077764.D
Acq: 06 Dec 2023 16:21

Tgt Ion: 75 Resp: 4769
Ion Ratio Lower Upper
75 100
77 50.0 21.2 39.4#





#44

trans-1,3-Dichloropropene

Concen: 0.544 ug/L

RT: 10.528 min Scan# 11

Delta R.T. -0.030 min

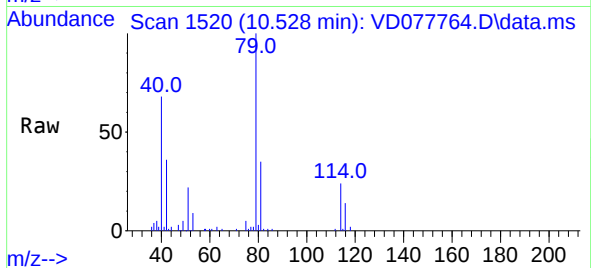
Lab File: VD077764.D

Acq: 06 Dec 2023 16:21

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75 Resp: 2907

Ion Ratio Lower Upper

75 100

77 40.4 22.0 40.8

