

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076665.D
 Acq On : 30 Jun 2023 16:35
 Operator : KP/SY
 Sample : 03472-19
 Misc : 5.74G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46R0

Quant Time: Jul 03 01:31:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

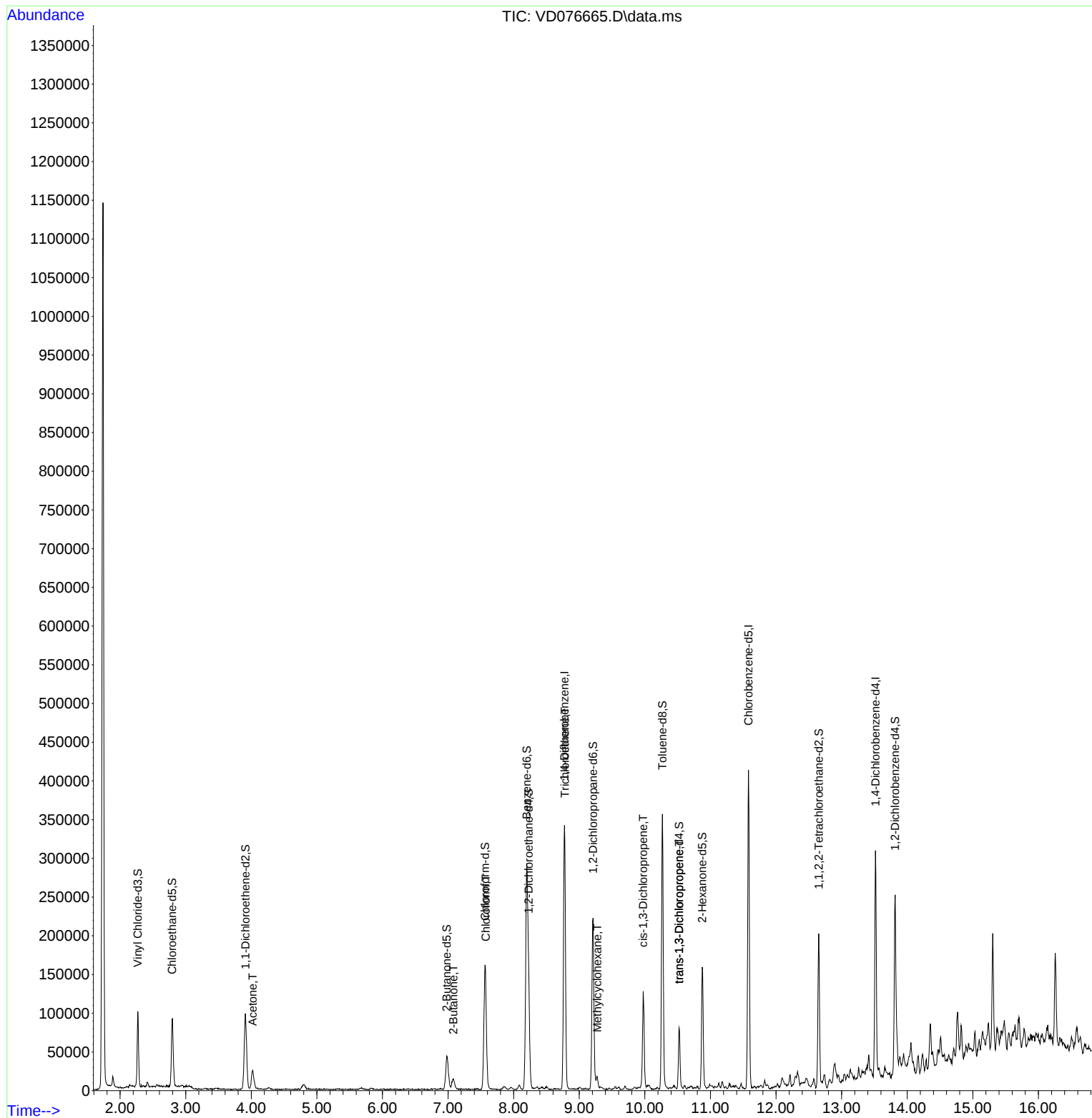
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	303833	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	228435	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	74555	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	82687	11.175	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.720%
7) Chloroethane-d5	2.793	69	88230	14.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.000%
11) 1,1-Dichloroethene-d2	3.910	65	27904	14.447	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.800%
21) 2-Butanone-d5	6.981	46	76654	68.405	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.800%#
24) Chloroform-d	7.563	84	163365	20.408	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.640%
26) 1,2-Dichloroethane-d4	8.228	65	95902	24.285	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.160%
32) Benzene-d6	8.198	84	291816	20.883	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.520%
36) 1,2-Dichloropropane-d6	9.210	67	109808	24.618	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.480%
41) Toluene-d8	10.269	98	234574	18.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.520%
43) trans-1,3-Dichloroprop...	10.522	79	42580	22.951	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.800%
47) 2-Hexanone-d5	10.875	63	53667	77.510	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.020%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	94587	29.807	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.240%
66) 1,2-Dichlorobenzene-d4	13.816	152	55985	20.487	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.960%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	41848	46.236	ug/L	100
22) 2-Butanone	7.081	43	18756	12.841	ug/L	98
25) Chloroform	7.575	83	2410	0.307	ug/L	90
34) Trichloroethene	8.781	95	8784	2.262	ug/L #	4
35) Methylcyclohexane	9.275	83	4602	0.735	ug/L #	76
39) cis-1,3-Dichloropropene	9.975	75	3688	0.586	ug/L	96
44) trans-1,3-Dichloropropene	10.522	75	2300	0.450	ug/L	88

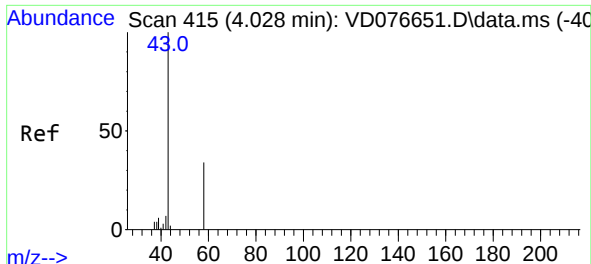
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

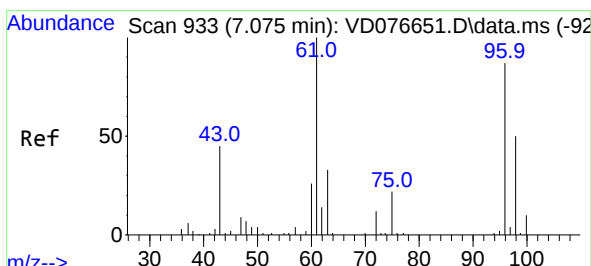
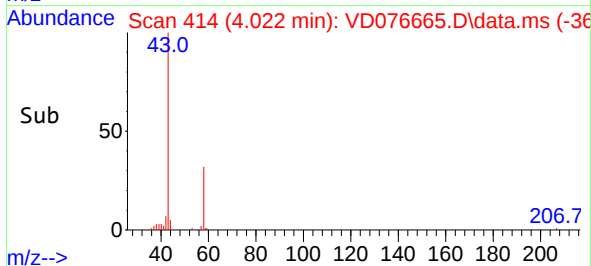
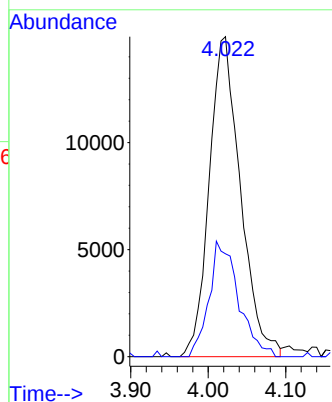
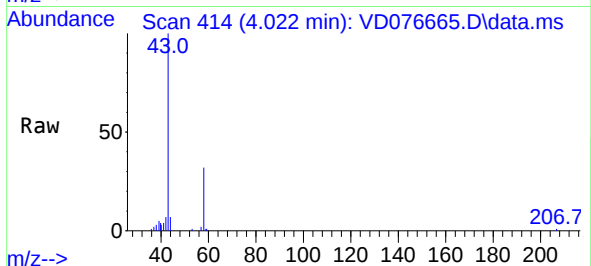




#13
Acetone
Concen: 46.236 ug/L
RT: 4.022 min Scan# 415
Delta R.T. -0.000 min
Lab File: VD076665.D
Acq: 30 Jun 2023 16:35

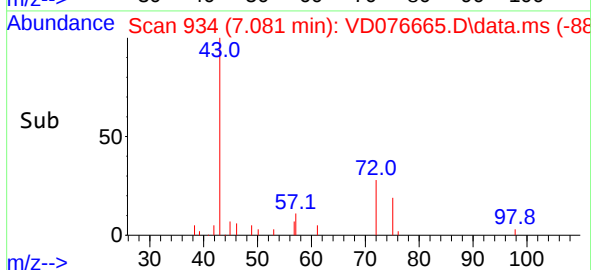
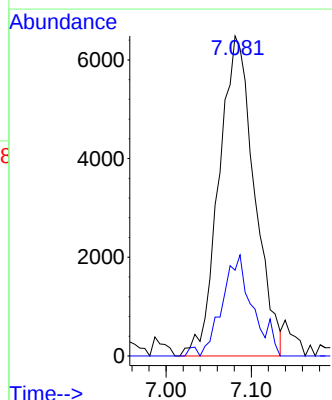
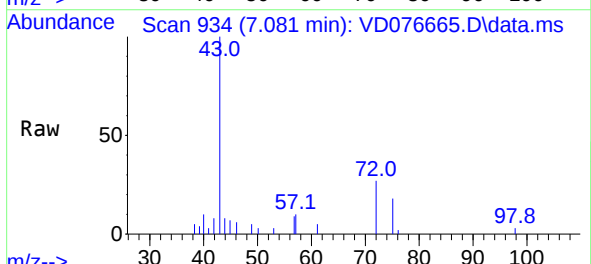
Instrument :
MSVOA_D
ClientSampleId :
A46R0

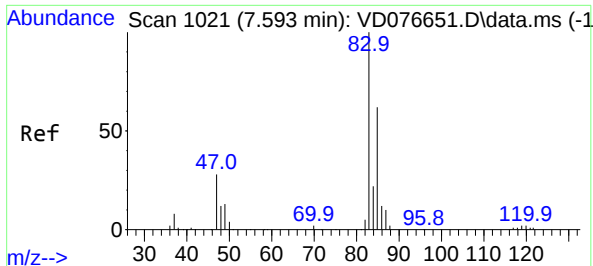
Tgt Ion: 43 Resp: 41848
Ion Ratio Lower Upper
43 100
58 33.8 0.0 67.4



#22
2-Butanone
Concen: 12.841 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076665.D
Acq: 30 Jun 2023 16:35

Tgt Ion: 43 Resp: 18756
Ion Ratio Lower Upper
43 100
72 24.8 12.9 38.7





#25

Chloroform

Concen: 0.307 ug/L

RT: 7.575 min Scan# 1

Delta R.T. -0.018 min

Lab File: VD076665.D

Acq: 30 Jun 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

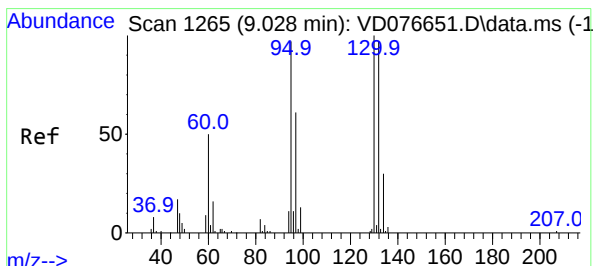
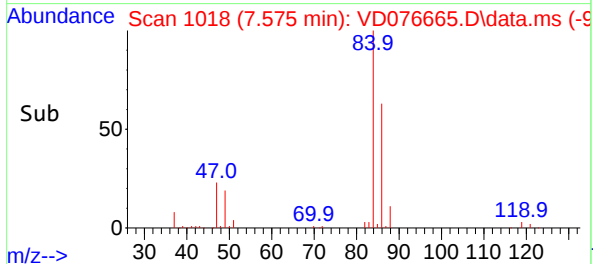
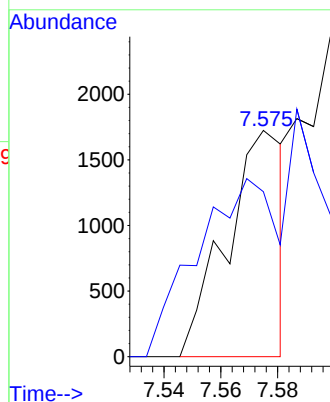
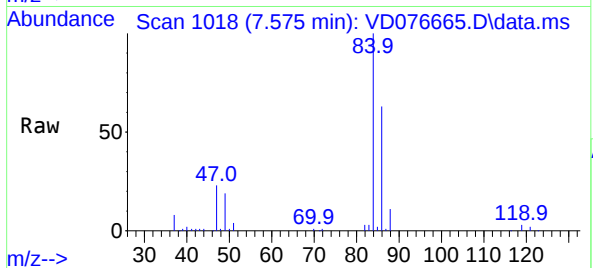
A46R0

Tgt Ion: 83 Resp: 2410

Ion Ratio Lower Upper

83 100

85 72.9 45.4 84.4



#34

Trichloroethene

Concen: 2.262 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD076665.D

Acq: 30 Jun 2023 16:35

Tgt Ion: 95 Resp: 8784

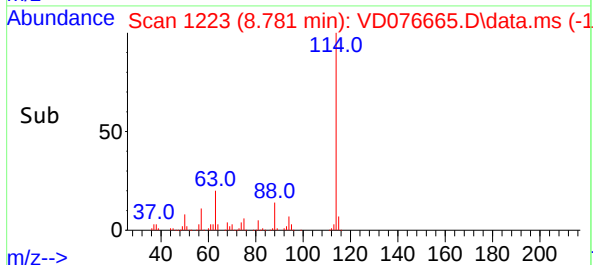
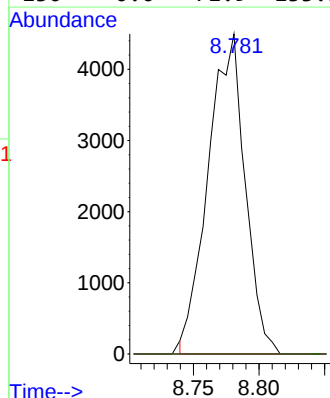
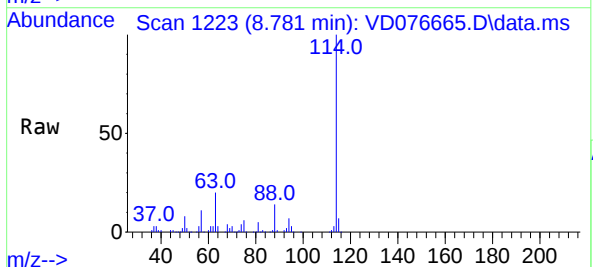
Ion Ratio Lower Upper

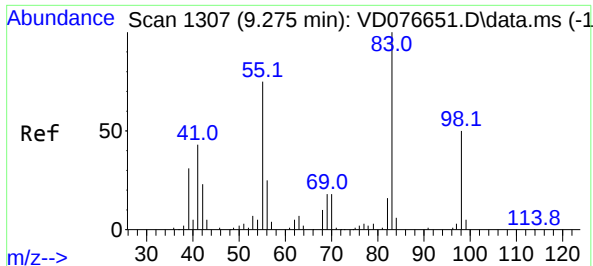
95 100

97 0.0 43.1 80.1#

132 0.0 71.8 133.4#

130 0.0 71.9 133.5#

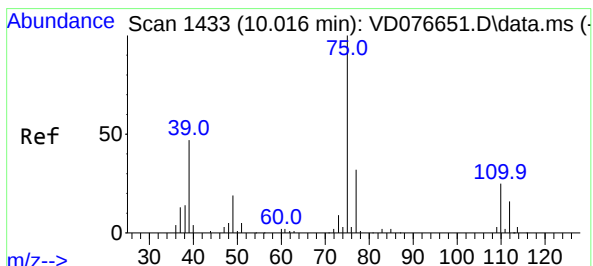
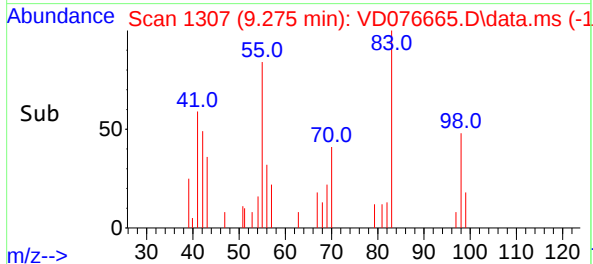
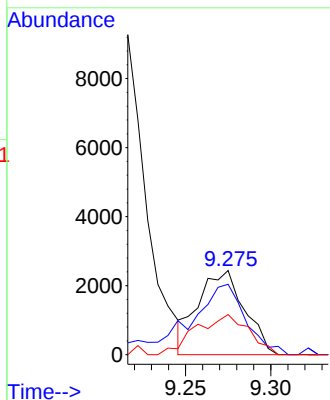
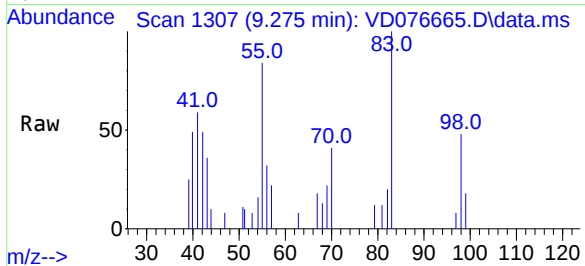




#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076665.D
Acq: 30 Jun 2023 16:35

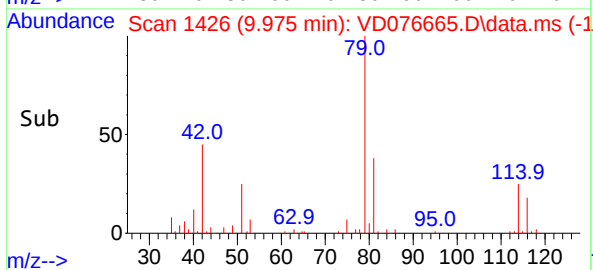
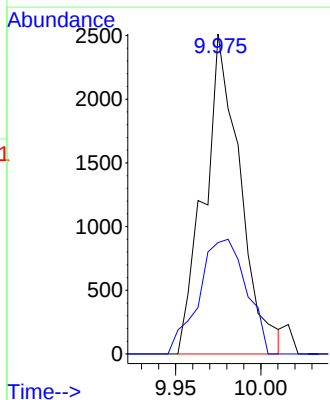
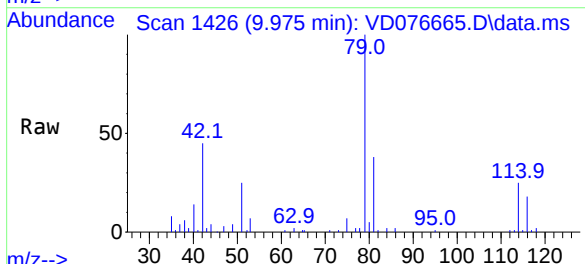
Instrument :
MSVOA_D
ClientSampleId :
A46R0

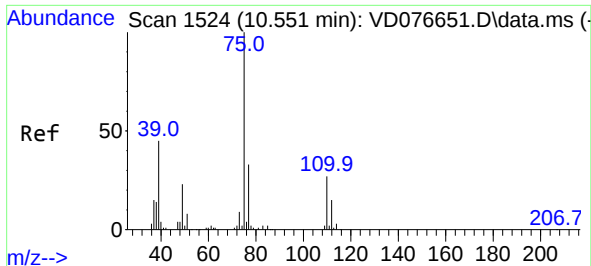
Tgt Ion: 83 Resp: 4602
Ion Ratio Lower Upper
83 100
55 96.7 59.8 89.6#
98 33.9 37.8 56.6#



#39
cis-1,3-Dichloropropene
Concen: 0.586 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD076665.D
Acq: 30 Jun 2023 16:35

Tgt Ion: 75 Resp: 3688
Ion Ratio Lower Upper
75 100
77 34.8 22.7 42.3





#44

trans-1,3-Dichloropropene

Concen: 0.450 ug/L

RT: 10.522 min Scan# 11

Delta R.T. -0.030 min

Lab File: VD076665.D

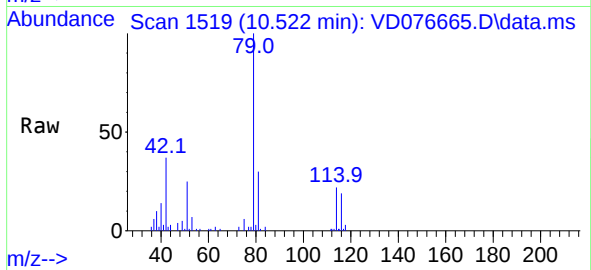
Acq: 30 Jun 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

A46R0



Tgt Ion: 75 Resp: 2300

Ion Ratio Lower Upper

75 100

77 38.7 22.5 41.7

