

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076669.D
 Acq On : 30 Jun 2023 18:20
 Operator : KP/SY
 Sample : 03472-23
 Misc : 6.74G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46R4

Quant Time: Jul 03 01:31:44 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)

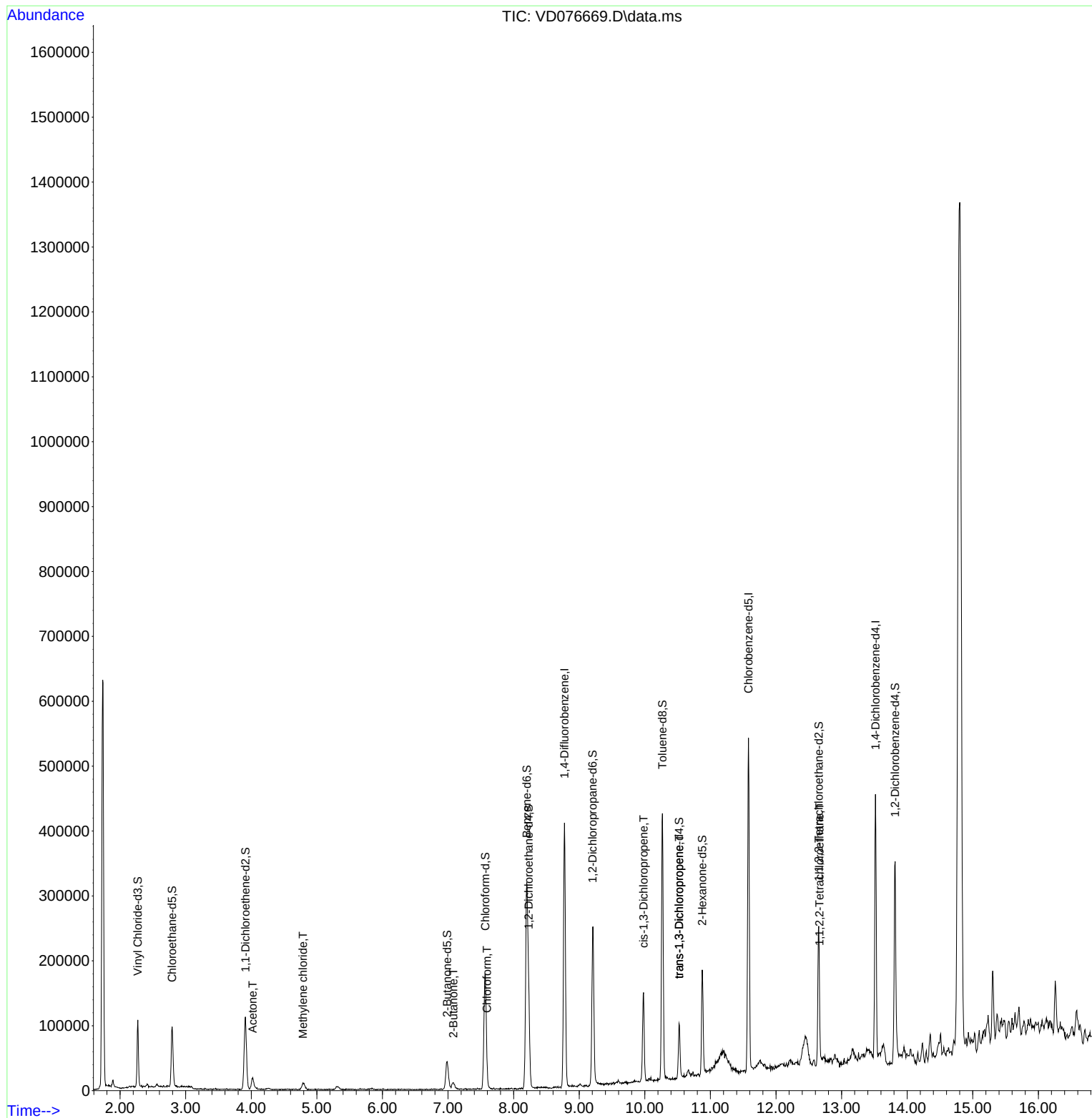
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	352313	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	290329	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	107069	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	88451	10.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.240%
7) Chloroethane-d5	2.793	69	95274	13.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.920%
11) 1,1-Dichloroethene-d2	3.911	65	30787	13.747	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.000%
21) 2-Butanone-d5	6.987	46	75893	58.406	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.820%
24) Chloroform-d	7.569	84	183817	19.803	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.200%
26) 1,2-Dichloroethane-d4	8.228	65	106017	23.153	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	8.199	84	327268	18.427	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.720%
36) 1,2-Dichloropropane-d6	9.204	67	117317	20.695	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.760%
41) Toluene-d8	10.269	98	279669	17.007	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.040%
43) trans-1,3-Dichloroprop...	10.522	79	48420	20.535	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.160%
47) 2-Hexanone-d5	10.875	63	56080	63.728	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.460%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	107158	26.569	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.280%
66) 1,2-Dichlorobenzene-d4	13.816	152	74675	19.028	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.120%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	30947	29.487	ug/L	90
16) Methylene chloride	4.787	84	6432	1.050	ug/L	80
22) 2-Butanone	7.081	43	13749	8.118	ug/L	99
25) Chloroform	7.593	83	7192	0.791	ug/L	78
39) cis-1,3-Dichloropropene	9.981	75	3642	0.455	ug/L #	54
44) trans-1,3-Dichloropropene	10.522	75	2614	0.402	ug/L	85
57) 1,1,2,2-Tetrachloroethane	12.663	83	1918	0.467	ug/L #	70

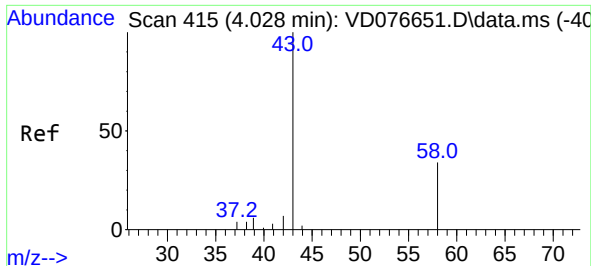
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 29.487 ug/L

RT: 4.022 min Scan# 41

Delta R.T. -0.000 min

Lab File: VD076669.D

Acq: 30 Jun 2023 18:20

Instrument :

MSVOA_D

ClientSampleId :

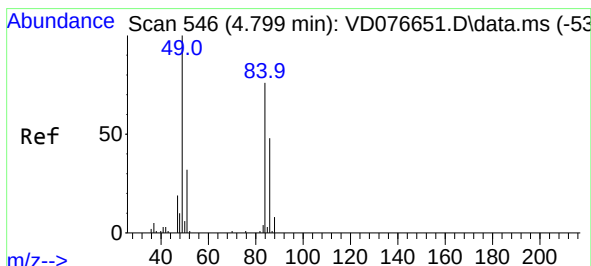
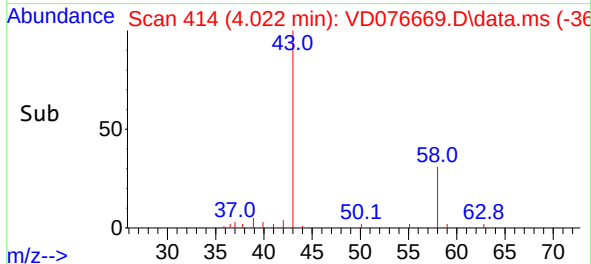
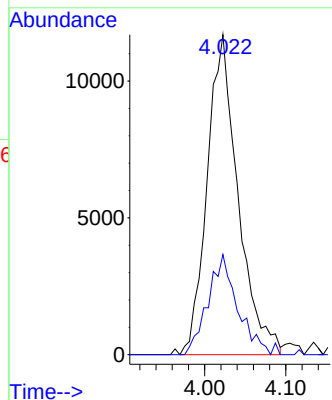
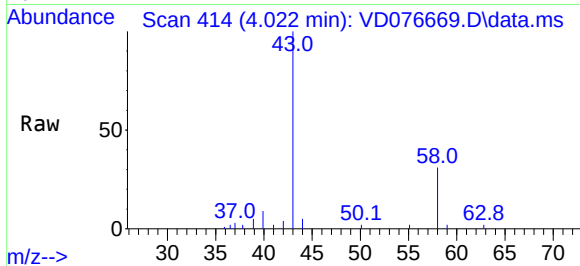
A46R4

Tgt Ion: 43 Resp: 30947

Ion Ratio Lower Upper

43 100

58 28.2 0.0 67.4



#16

Methylene chloride

Concen: 1.050 ug/L

RT: 4.787 min Scan# 544

Delta R.T. -0.000 min

Lab File: VD076669.D

Acq: 30 Jun 2023 18:20

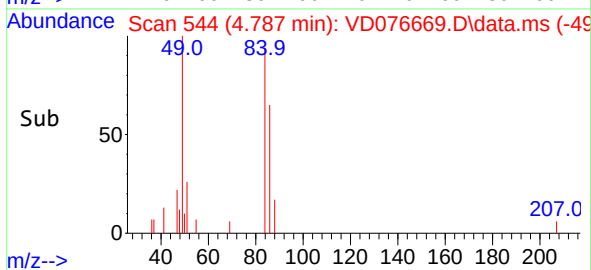
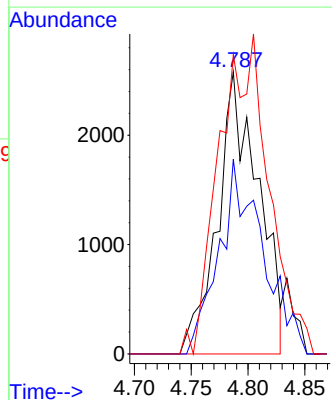
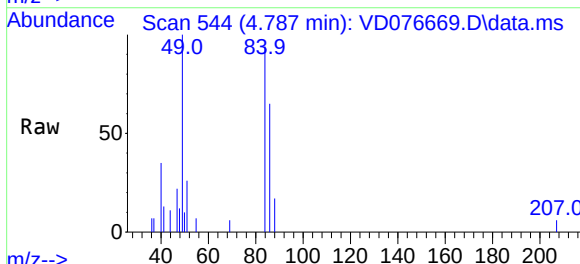
Tgt Ion: 84 Resp: 6432

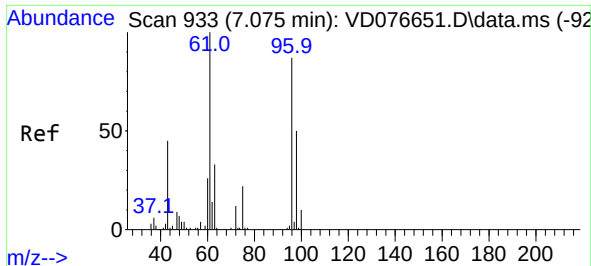
Ion Ratio Lower Upper

84 100

86 69.1 45.1 83.9

49 106.1 97.2 180.6

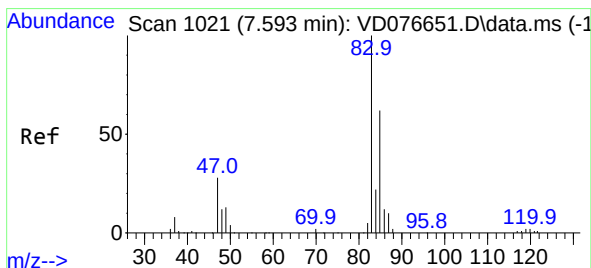
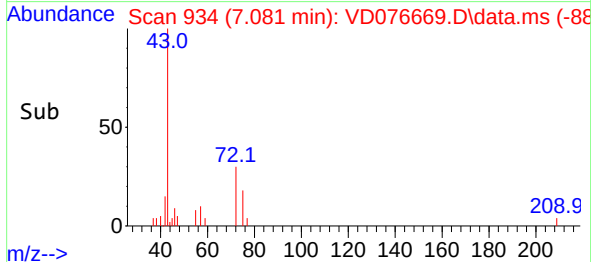
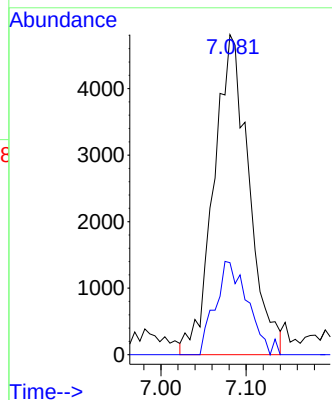
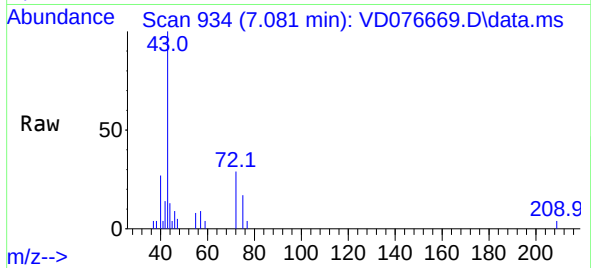




#22
2-Butanone
Concen: 8.118 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076669.D
Acq: 30 Jun 2023 18:20

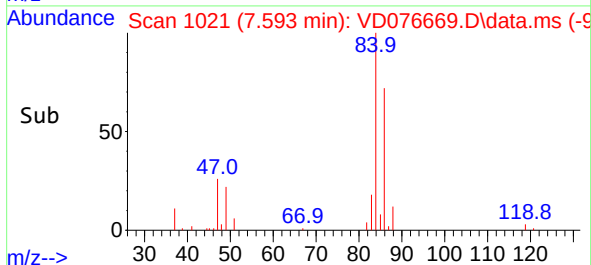
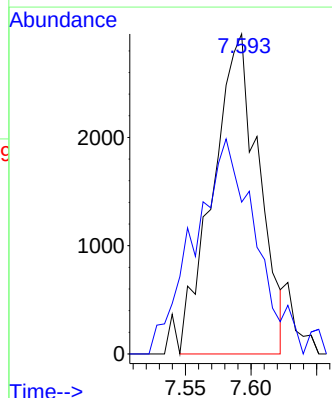
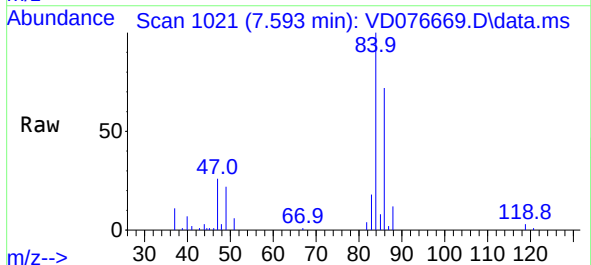
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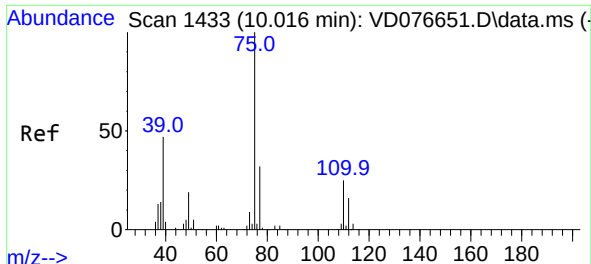
Tgt Ion: 43 Resp: 13749
Ion Ratio Lower Upper
43 100
72 26.5 12.9 38.7



#25
Chloroform
Concen: 0.791 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076669.D
Acq: 30 Jun 2023 18:20

Tgt Ion: 83 Resp: 7192
Ion Ratio Lower Upper
83 100
85 47.5 45.4 84.4

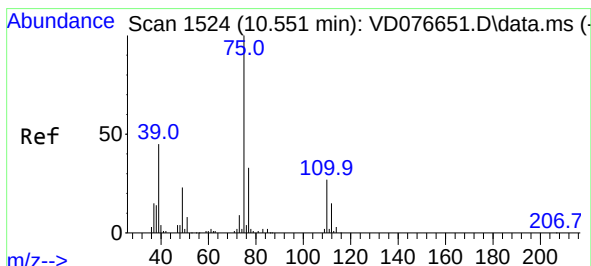
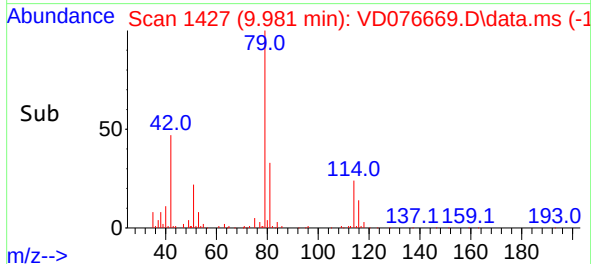
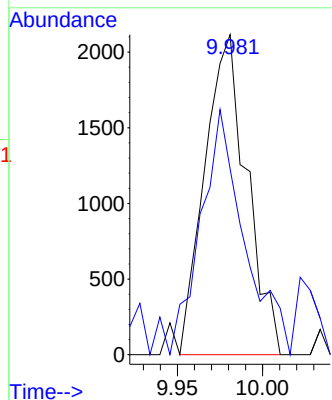
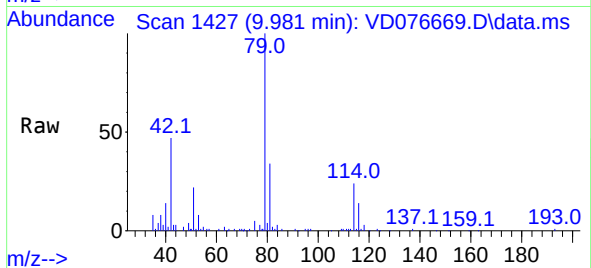




#39
cis-1,3-Dichloropropene
Concen: 0.455 ug/L
RT: 9.981 min Scan# 1433
Delta R.T. -0.035 min
Lab File: VD076669.D
Acq: 30 Jun 2023 18:20

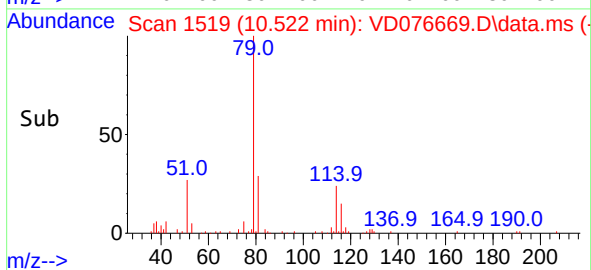
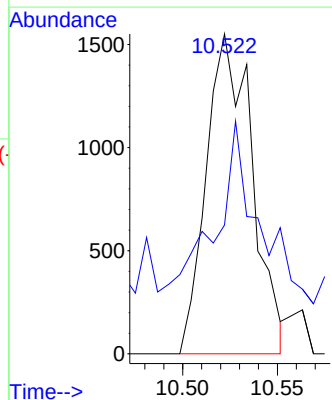
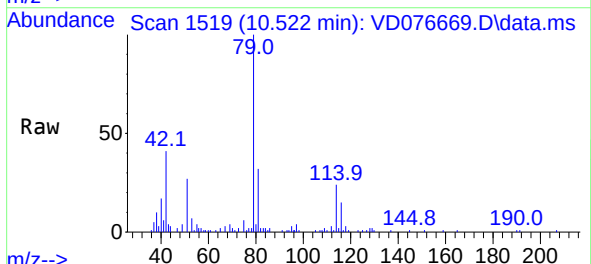
Instrument :
MSVOA_D
ClientSampleId :
A46R4

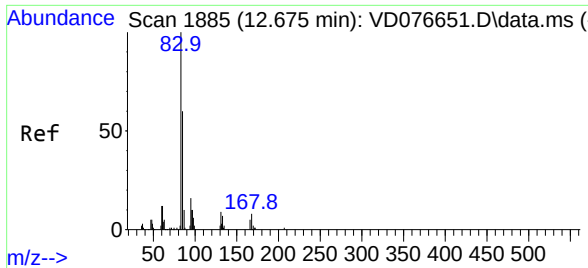
Tgt Ion: 75 Resp: 3642
Ion Ratio Lower Upper
75 100
77 58.1 22.7 42.3#



#44
trans-1,3-Dichloropropene
Concen: 0.402 ug/L
RT: 10.522 min Scan# 1519
Delta R.T. -0.029 min
Lab File: VD076669.D
Acq: 30 Jun 2023 18:20

Tgt Ion: 75 Resp: 2614
Ion Ratio Lower Upper
75 100
77 40.3 22.5 41.7





#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.467 ug/L
 RT: 12.663 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VD076669.D
 Acq: 30 Jun 2023 18:20

Instrument :
 MSVOA_D
 ClientSampleId :
 A46R4

Tgt Ion:	83	Resp:	1918
Ion	Ratio	Lower	Upper
83	100		
85	79.9	46.3	86.1
131	54.9	7.0	10.4#

