

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076653.D
 Acq On : 30 Jun 2023 10:58
 Operator : KP/SY
 Sample : 03422-06
 Misc : 5.08G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VHBLK001

Quant Time: Jul 03 01:29:29 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

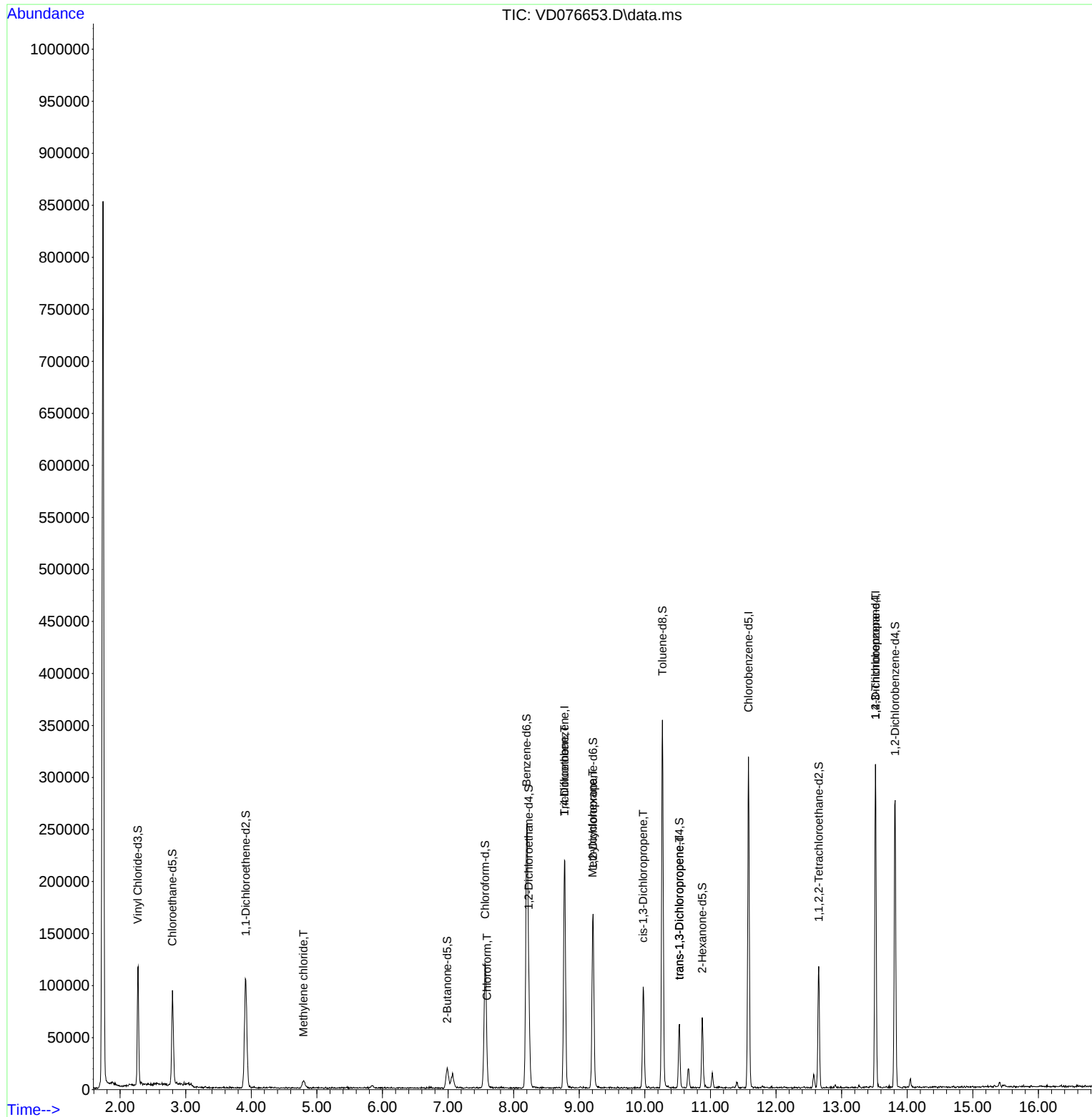
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	198026	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	172433	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	79309	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	103239	21.408	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.640%
7) Chloroethane-d5	2.799	69	84457	21.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.640%
11) 1,1-Dichloroethene-d2	3.916	65	31722	25.200	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.800%
21) 2-Butanone-d5	6.987	46	34061	46.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.280%
24) Chloroform-d	7.563	84	123513	23.674	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.680%
26) 1,2-Dichloroethane-d4	8.228	65	64004	24.868	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.480%
32) Benzene-d6	8.198	84	261997	24.838	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.360%
36) 1,2-Dichloropropane-d6	9.210	67	81571	24.227	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.920%
41) Toluene-d8	10.269	98	242125	24.790	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.160%
43) trans-1,3-Dichloroprop...	10.528	79	33709	24.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.280%
47) 2-Hexanone-d5	10.875	63	23071	44.143	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.280%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	57405	23.965	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.840%
66) 1,2-Dichlorobenzene-d4	13.816	152	72304	24.872	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.480%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.793	84	5134	1.492	ug/L	74
25) Chloroform	7.593	83	2319	0.454	ug/L	98
34) Trichloroethene	8.775	95	5695	1.943	ug/L #	4
35) Methylcyclohexane	9.204	83	19071	4.034	ug/L #	19
39) cis-1,3-Dichloropropene	9.975	75	3123	0.657	ug/L	92
44) trans-1,3-Dichloropropene	10.528	75	1651	0.428	ug/L #	77
61) 1,2,3-Trichloropropane	13.516	75	11548	7.503	ug/L #	64

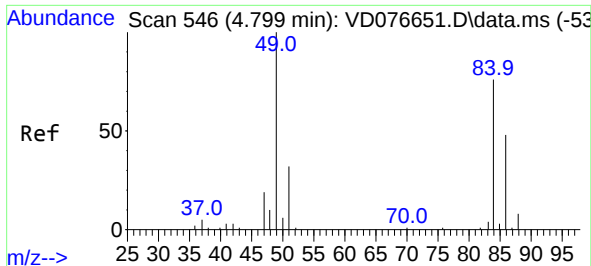
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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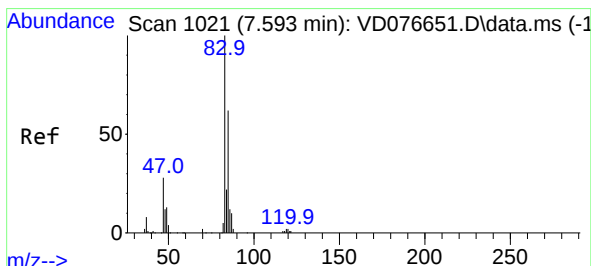
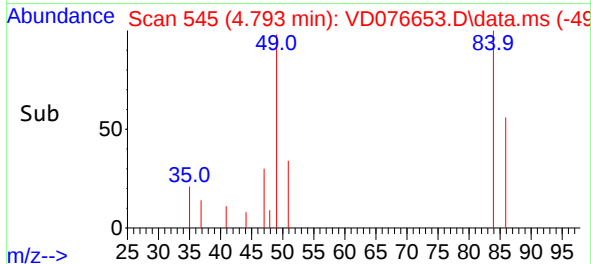
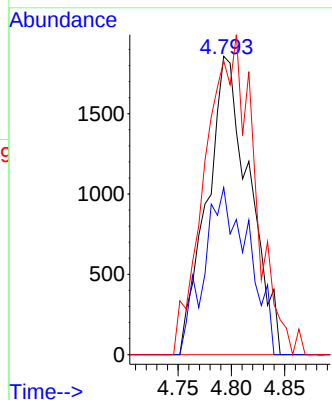
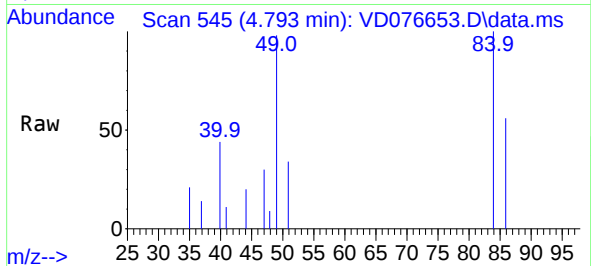




#16
Methylene chloride
Concen: 1.492 ug/L
RT: 4.793 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD076653.D
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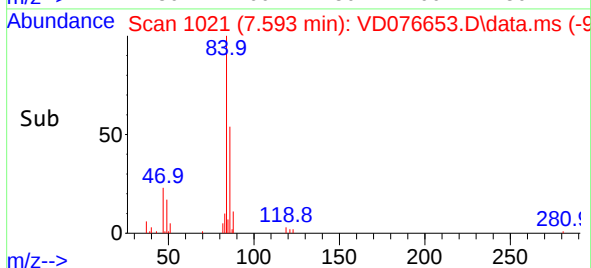
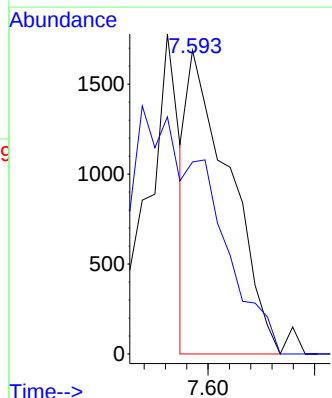
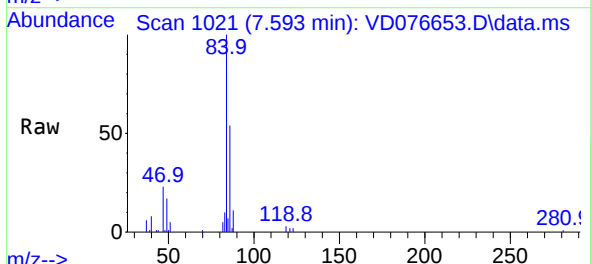
Instrument :
MSVOA_D
ClientSampleId :
VHBLK001

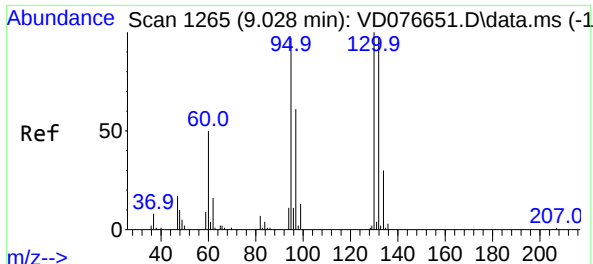
Tgt Ion: 84 Resp: 5134
Ion Ratio Lower Upper
84 100
86 56.0 45.1 83.9
49 98.5 97.2 180.6



#25
Chloroform
Concen: 0.454 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076653.D
Acq: 30 Jun 2023 10:58

Tgt Ion: 83 Resp: 2319
Ion Ratio Lower Upper
83 100
85 63.3 45.4 84.4





#34

Trichloroethene

Concen: 1.943 ug/L

RT: 8.775 min Scan# 1295

Delta R.T. -0.253 min

Lab File: VD076653.D

Acq: 30 Jun 2023 10:58

Instrument :

MSVOA_D

ClientSampleId :

VHBLK001

Tgt Ion: 95 Resp: 5695

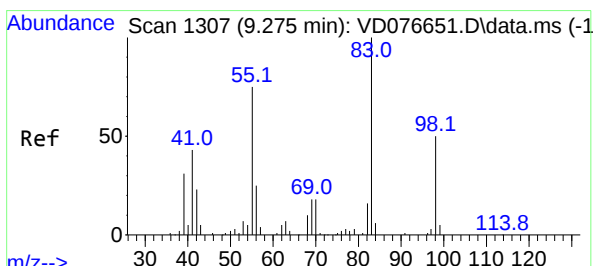
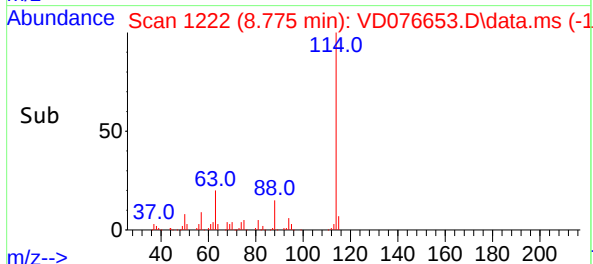
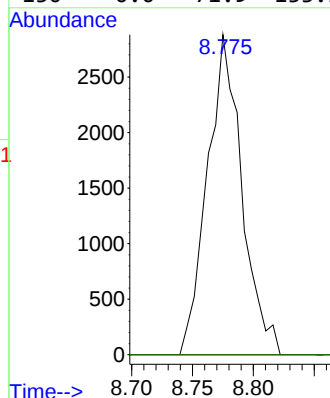
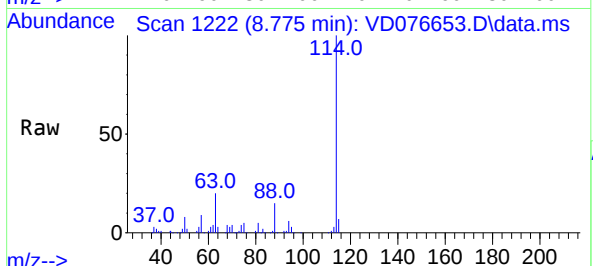
Ion Ratio Lower Upper

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: 4.034 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.065 min

Lab File: VD076653.D

Acq: 30 Jun 2023 10:58

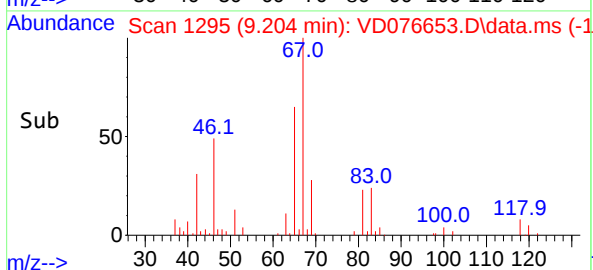
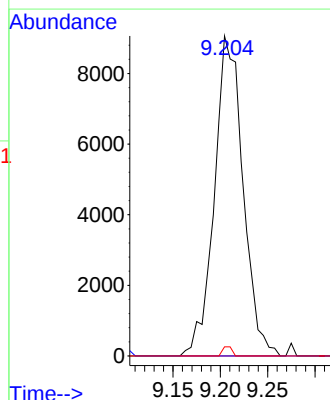
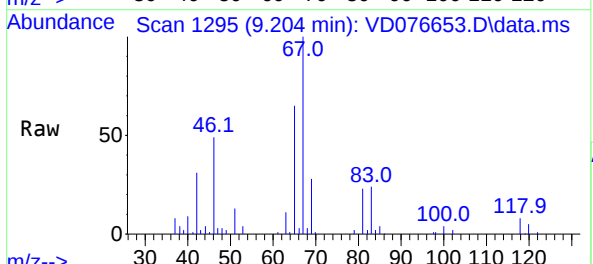
Tgt Ion: 83 Resp: 19071

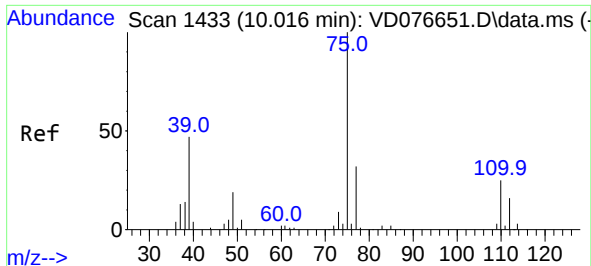
Ion Ratio Lower Upper

83 100

55 0.0 59.8 89.6#

98 1.0 37.8 56.6#





#39

cis-1,3-Dichloropropene

Concen: 0.657 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD076653.D

Acq: 30 Jun 2023 10:58

Instrument :

MSVOA_D

ClientSampleId :

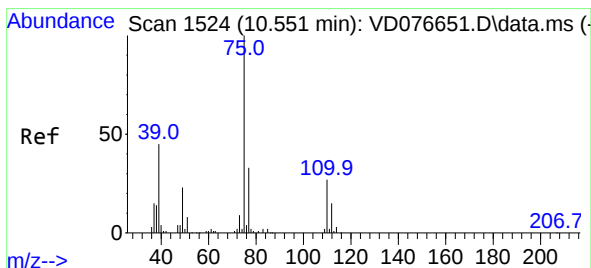
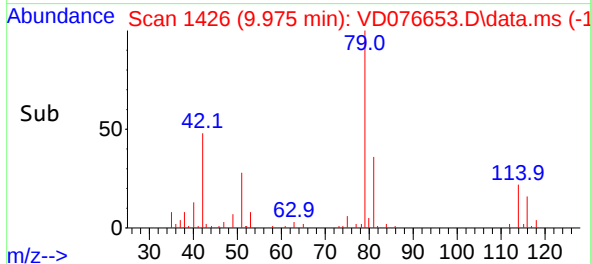
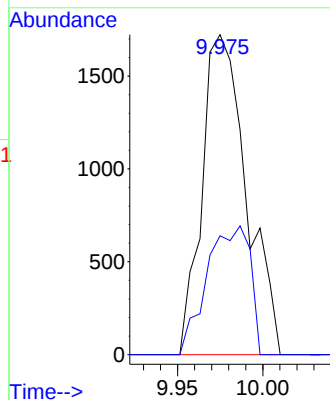
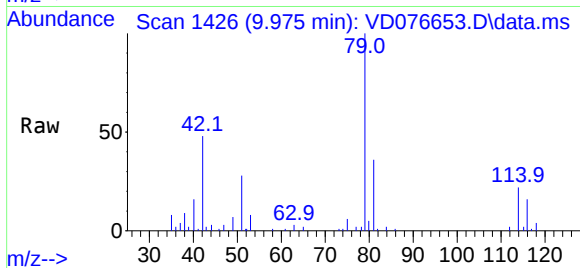
VHBLK001

Tgt Ion: 75 Resp: 3123

Ion Ratio Lower Upper

75 100

77 37.1 22.7 42.3



#44

trans-1,3-Dichloropropene

Concen: 0.428 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.024 min

Lab File: VD076653.D

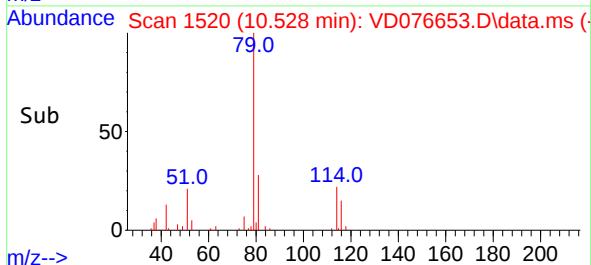
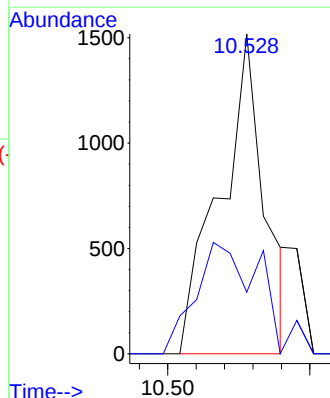
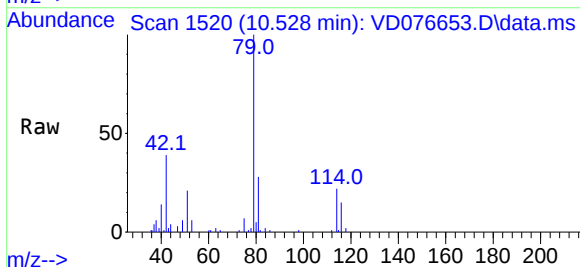
Acq: 30 Jun 2023 10:58

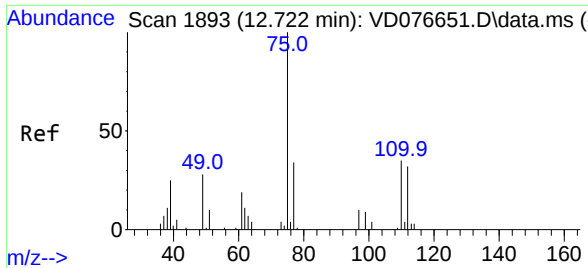
Tgt Ion: 75 Resp: 1651

Ion Ratio Lower Upper

75 100

77 19.3 22.5 41.7#





#61
 1,2,3-Trichloropropane
 Concen: 7.503 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD076653.D
 Acq: 30 Jun 2023 10:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VHBLK001

Tgt Ion:	75	Resp:	11548
Ion	Ratio	Lower	Upper
75	100		
77	29.1	27.2	40.8
110	2.8	31.8	47.6#

