

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062723\
 Data File : VD076599.D
 Acq On : 27 Jun 2023 18:02
 Operator : KP/SY
 Sample : 03422-11
 Misc : 4.91G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46K0

Quant Time: Jun 28 05:06:09 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)

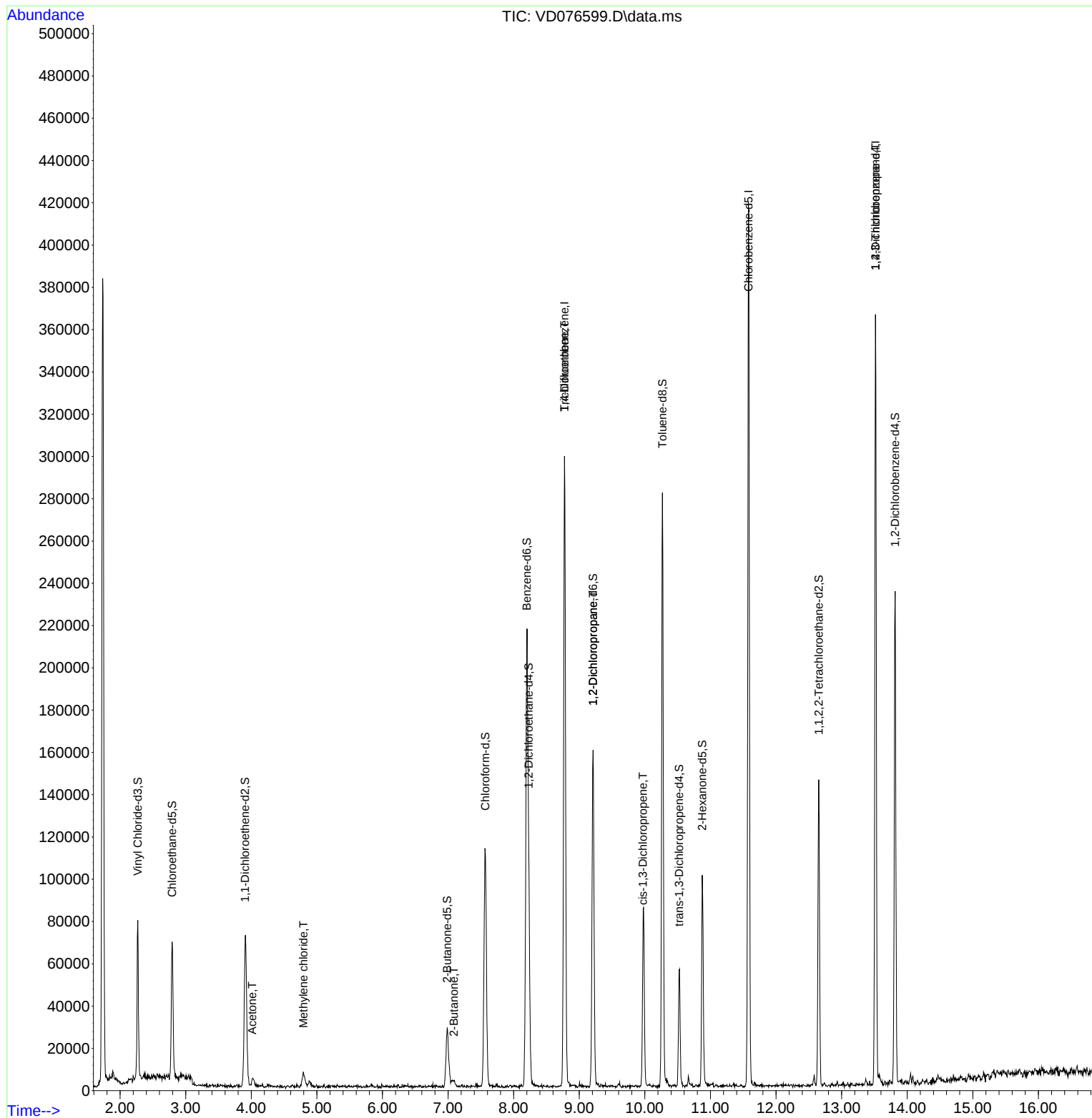
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	260177	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	231911	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	94961	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	64307	10.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	40.600%
7) Chloroethane-d5	2.793	69	64450	12.580	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.320%
11) 1,1-Dichloroethene-d2	3.905	65	20925	12.652	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.600%
21) 2-Butanone-d5	6.987	46	48447	50.488	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.980%
24) Chloroform-d	7.569	84	116841	17.046	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.200%
26) 1,2-Dichloroethane-d4	8.228	65	64373	19.036	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.160%
32) Benzene-d6	8.199	84	212460	14.976	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	59.920%
36) 1,2-Dichloropropane-d6	9.210	67	80189	17.709	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.840%
41) Toluene-d8	10.269	98	184135	14.018	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	56.080%
43) trans-1,3-Dichloroprop...	10.522	79	29552	15.690	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.760%
47) 2-Hexanone-d5	10.875	63	36111	51.373	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.740%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	72198	22.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	60900	17.496	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.000%#
Target Compounds						
					Qvalue	
13) Acetone	4.016	43	6771	8.736	ug/L	70
16) Methylene chloride	4.793	84	2746	0.607	ug/L	90
22) 2-Butanone	7.087	43	2048	1.637	ug/L #	69
34) Trichloroethene	8.775	95	7217	1.830	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	9047	2.162	ug/L #	88
39) cis-1,3-Dichloropropene	9.969	75	2492	0.390	ug/L	91
61) 1,2,3-Trichloropropane	13.516	75	12297	6.673	ug/L #	65

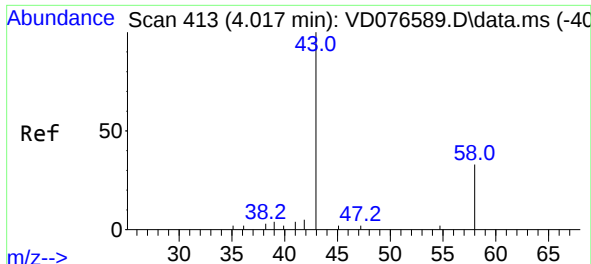
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

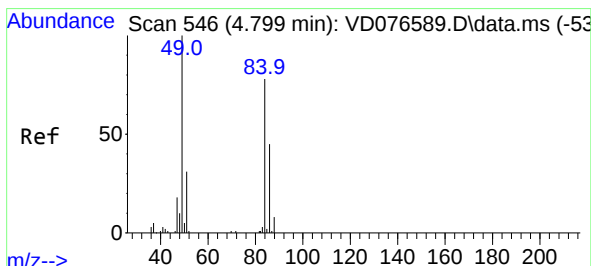
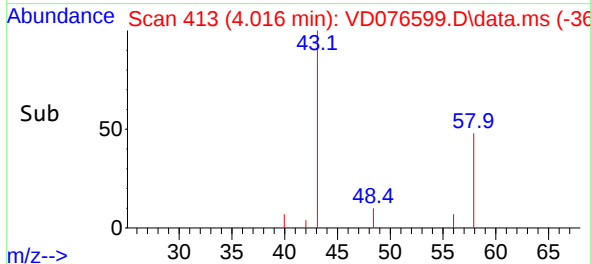
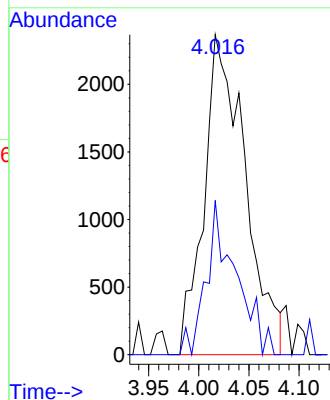
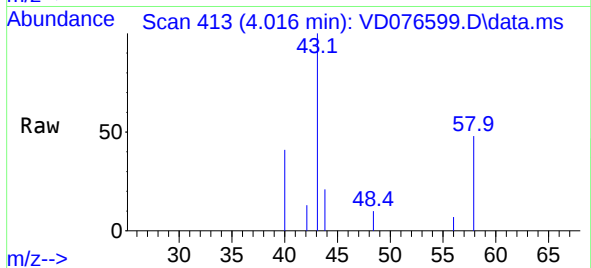




#13
Acetone
Concen: 8.736 ug/L
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076599.D
Acq: 27 Jun 2023 18:02

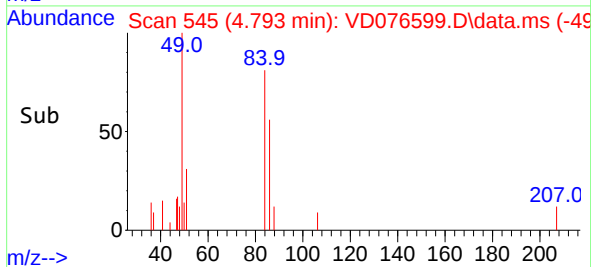
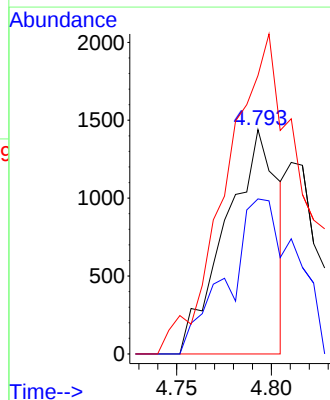
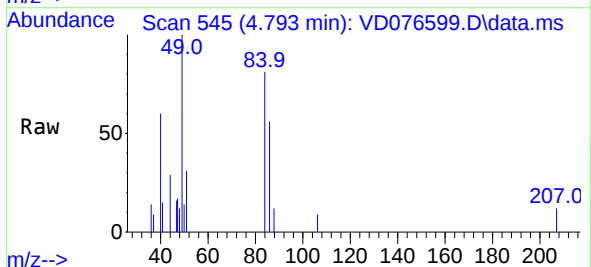
Instrument :
MSVOA_D
ClientSampleId :
A46K0

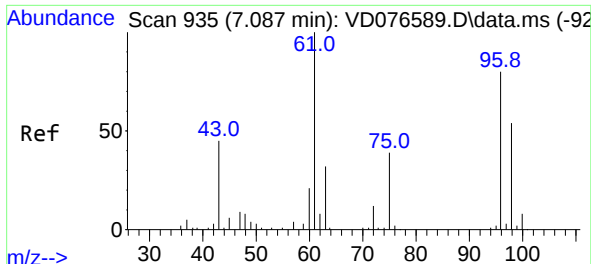
Tgt Ion: 43 Resp: 6771
Ion Ratio Lower Upper
43 100
58 16.5 0.0 67.4



#16
Methylene chloride
Concen: 0.607 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076599.D
Acq: 27 Jun 2023 18:02

Tgt Ion: 84 Resp: 2746
Ion Ratio Lower Upper
84 100
86 69.1 45.1 83.9
49 124.1 97.2 180.6





#22

2-Butanone

Concen: 1.637 ug/L

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD076599.D

Acq: 27 Jun 2023 18:02

Instrument :

MSVOA_D

ClientSampleId :

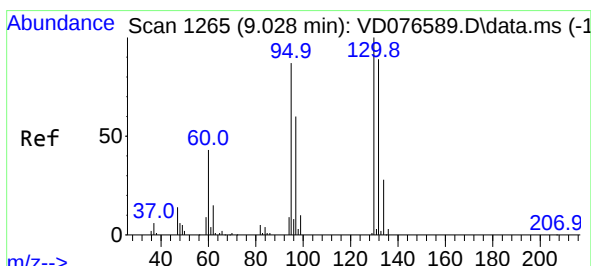
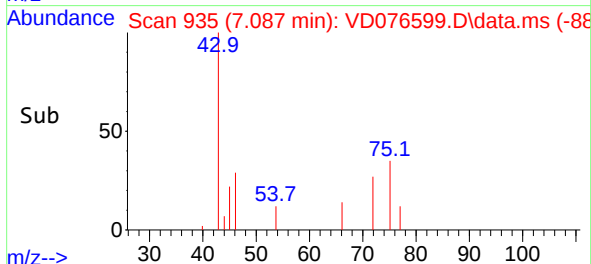
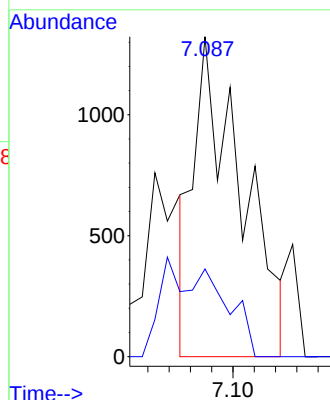
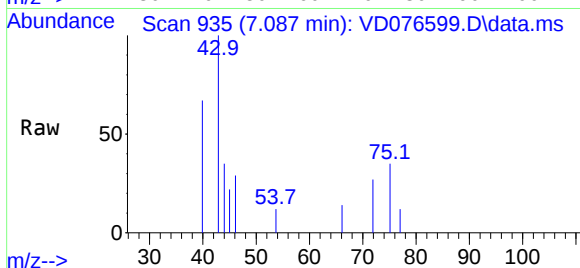
A46K0

Tgt Ion: 43 Resp: 2048

Ion Ratio Lower Upper

43 100

72 10.0 12.9 38.7#



#34

Trichloroethene

Concen: 1.830 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD076599.D

Acq: 27 Jun 2023 18:02

Tgt Ion: 95 Resp: 7217

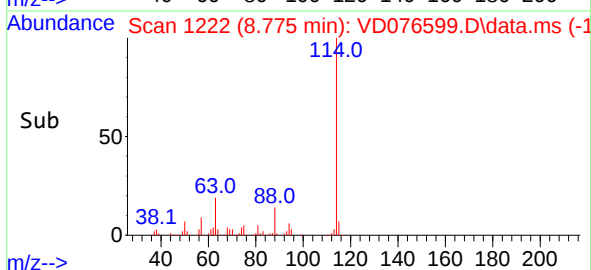
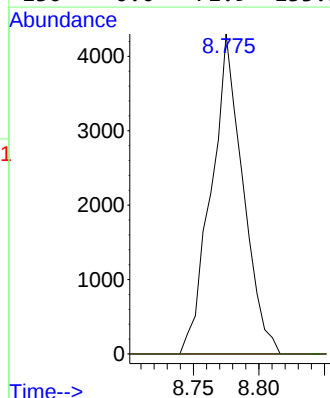
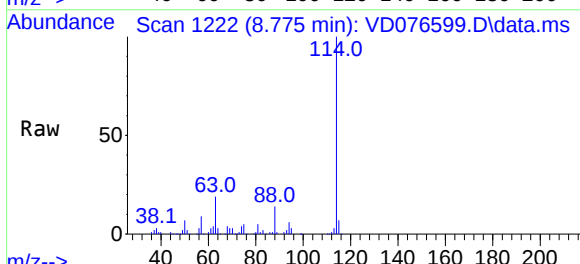
Ion Ratio Lower Upper

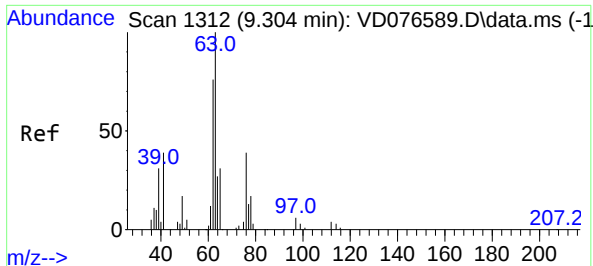
95 100

97 0.0 43.1 80.1#

132 0.0 71.8 133.4#

130 0.0 71.9 133.5#

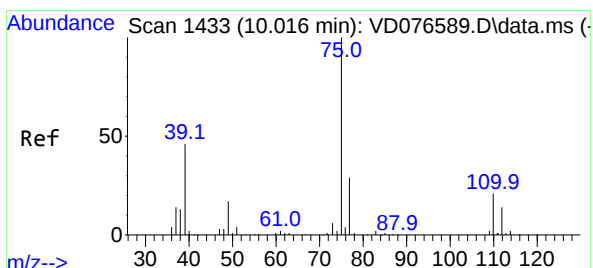
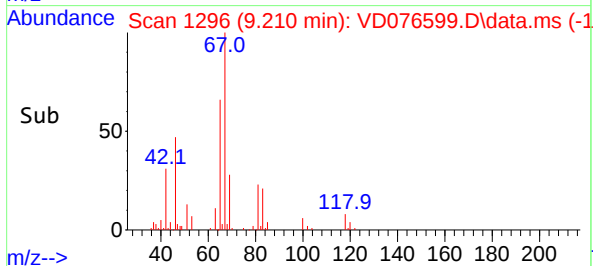
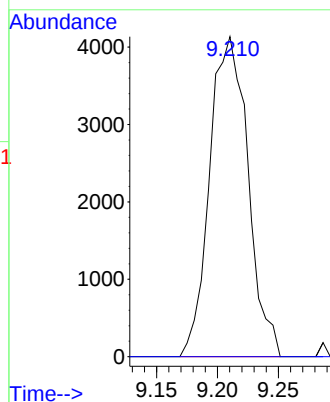
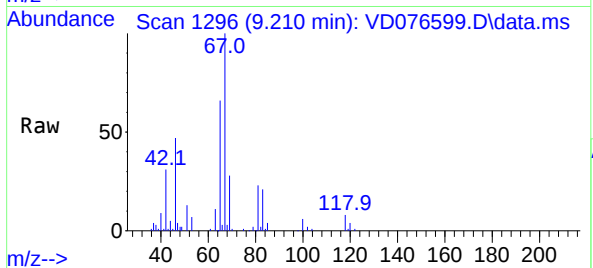




#37
1,2-Dichloropropane
Concen: 2.162 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076599.D
Acq: 27 Jun 2023 18:02

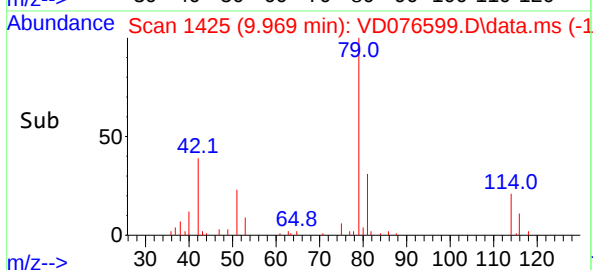
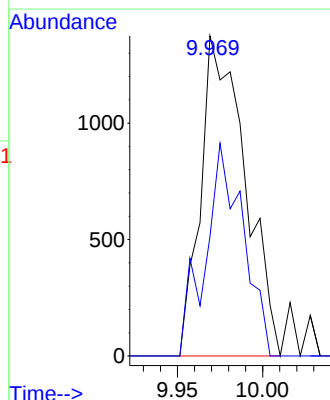
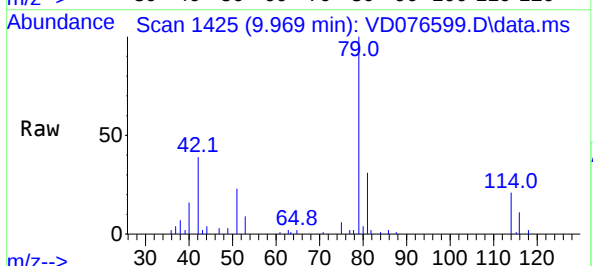
Instrument :
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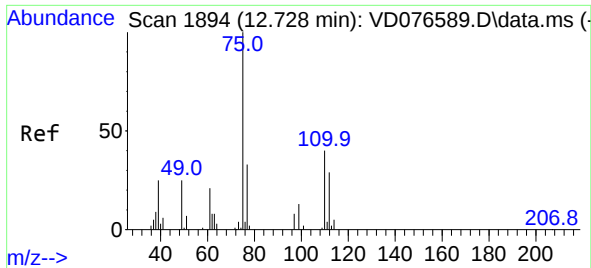
Tgt Ion: 63 Resp: 9047
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.390 ug/L
RT: 9.969 min Scan# 1425
Delta R.T. -0.047 min
Lab File: VD076599.D
Acq: 27 Jun 2023 18:02

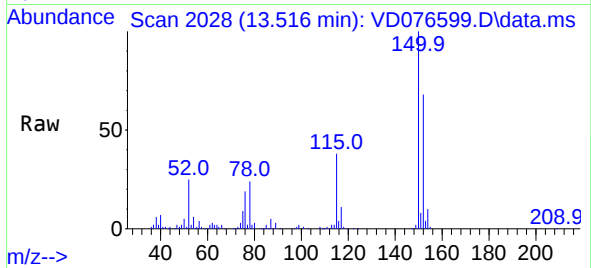
Tgt Ion: 75 Resp: 2492
Ion Ratio Lower Upper
75 100
77 37.3 22.7 42.3





#61
 1,2,3-Trichloropropane
 Concen: 6.673 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD076599.D
 Acq: 27 Jun 2023 18:02

Instrument :
 MSVOA_D
 ClientSampleId :
 A46K0



Tgt Ion: 75 Resp: 12297

Ion	Ratio	Lower	Upper
75	100		
77	31.2	27.2	40.8
110	2.1	31.8	47.6#

