

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121823\
 Data File : VD077956.D
 Acq On : 18 Dec 2023 19:14
 Operator : RP/MD
 Sample : 05808-17
 Misc : 5.05G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 18 23:19:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 18 23:16:23 2023
 Response via : Initial Calibration

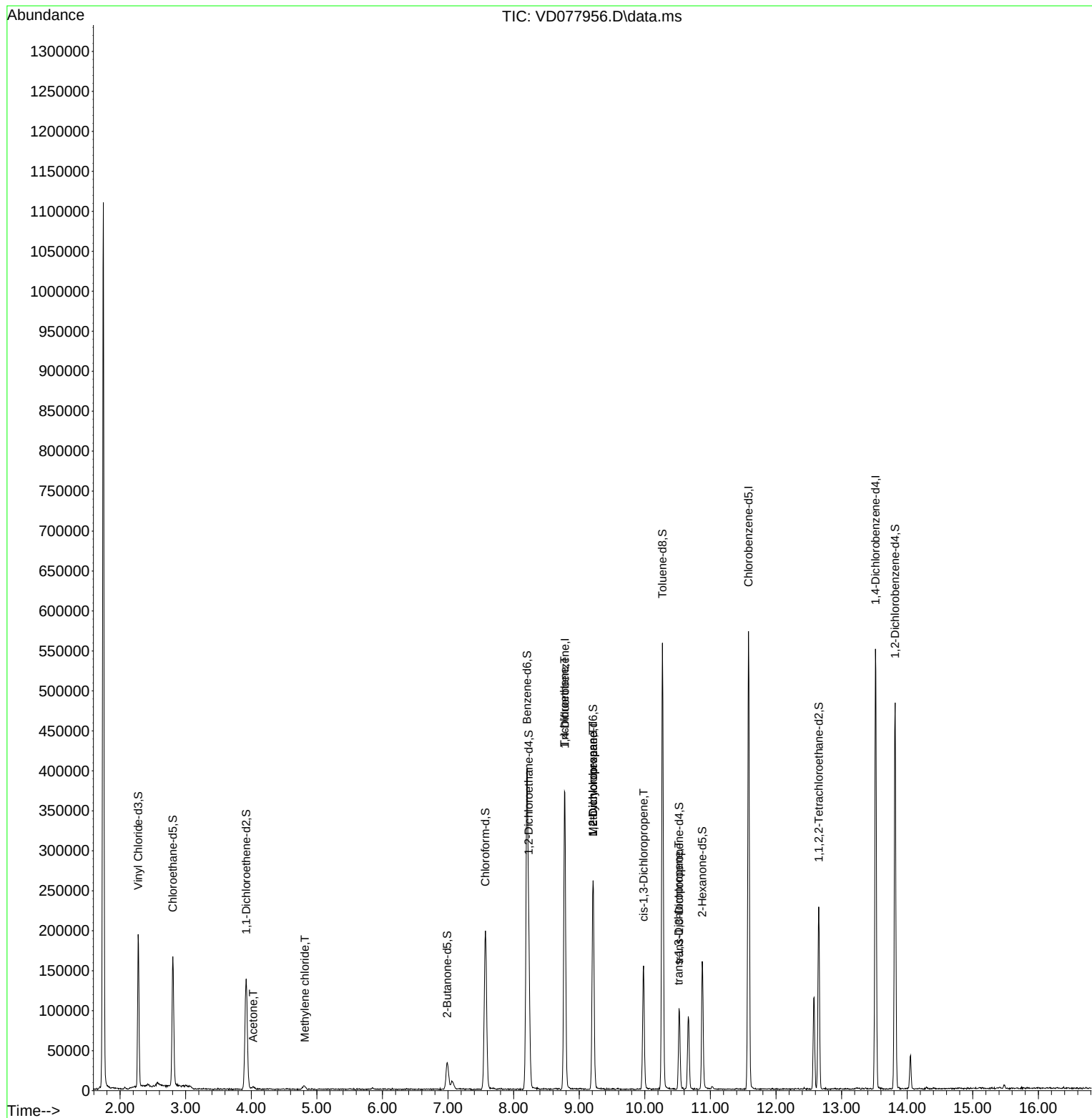
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	339688	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	331956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	147908	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	178379	19.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.040%
7) Chloroethane-d5	2.805	69	172867	23.412	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.640%
11) 1,1-Dichloroethene-d2	3.922	65	40206	16.739	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.960%
21) 2-Butanone-d5	6.987	46	57123	48.791	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.580%
24) Chloroform-d	7.569	84	210846	23.030	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.120%
26) 1,2-Dichloroethane-d4	8.228	65	115915	24.989	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.960%
32) Benzene-d6	8.205	84	420902	21.053	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	9.210	67	135834	22.268	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.080%
41) Toluene-d8	10.269	98	387306	21.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	10.522	79	58451	21.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.680%
47) 2-Hexanone-d5	10.875	63	58961	56.092	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.180%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	120551	27.348	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	131233	24.802	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.200%
Target Compounds						
13) Acetone	4.028	43	3641	2.427	ug/L	98
16) Methylene chloride	4.817	84	3681	0.610	ug/L #	65
34) Trichloroethene	8.775	95	10512	1.960	ug/L #	5
35) Methylcyclohexane	9.210	83	33685	3.538	ug/L #	20
37) 1,2-Dichloropropane	9.210	63	14280	2.535	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	4348	0.494	ug/L #	75
44) trans-1,3-Dichloropropene	10.516	75	2952	0.402	ug/L	86

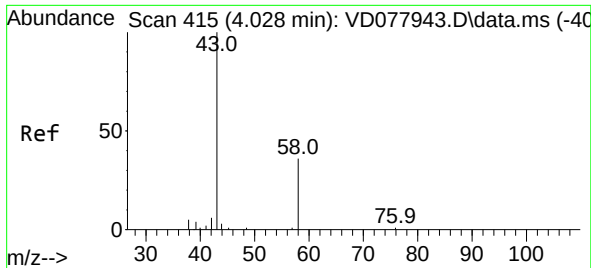
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Dec 18 23:16:23 2023
Response via : Initial Calibration





#13

Acetone

Concen: 2.427 ug/L

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD077956.D

Acq: 18 Dec 2023 19:14

Instrument :

MSVOA_D

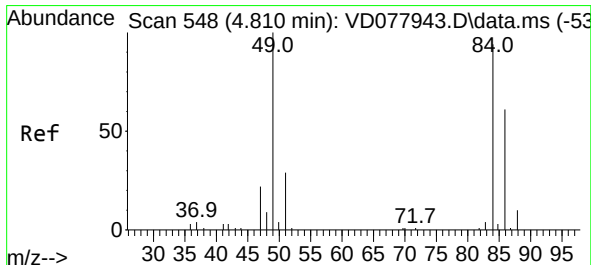
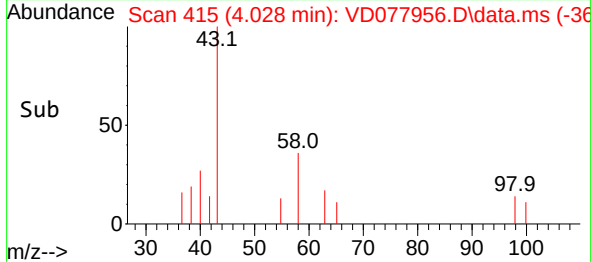
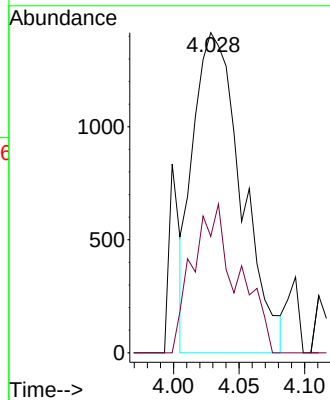
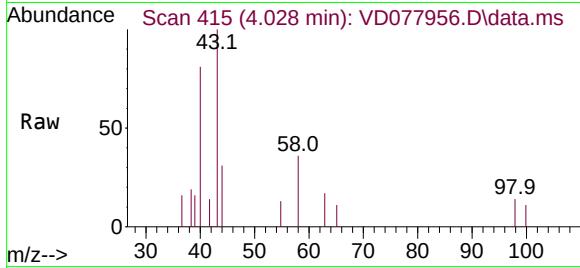
ClientSampleId :

Tgt Ion: 43 Resp: 3641

Ion Ratio Lower Upper

43 100

58 32.6 0.0 67.2



#16

Methylene chloride

Concen: 0.610 ug/L

RT: 4.817 min Scan# 549

Delta R.T. 0.006 min

Lab File: VD077956.D

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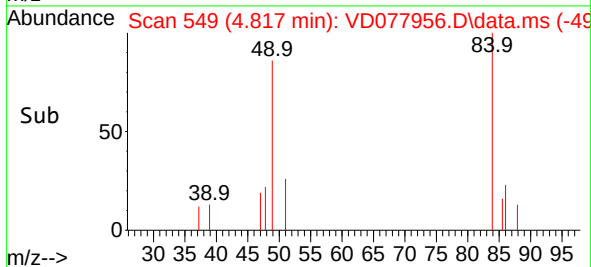
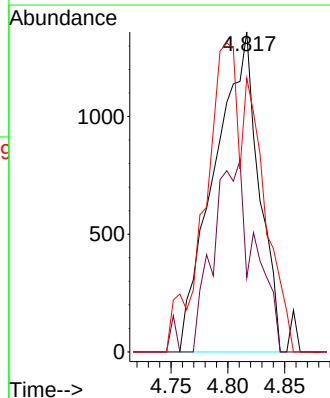
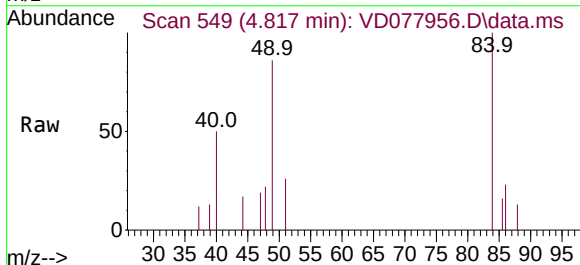
Tgt Ion: 84 Resp: 3681

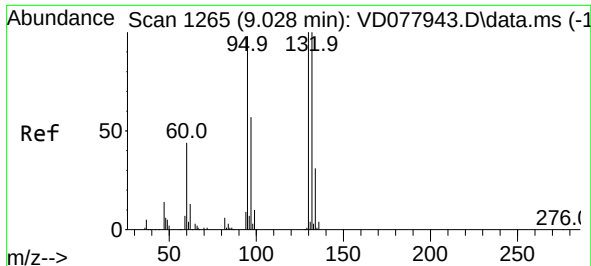
Ion Ratio Lower Upper

84 100

86 23.2 40.1 74.5#

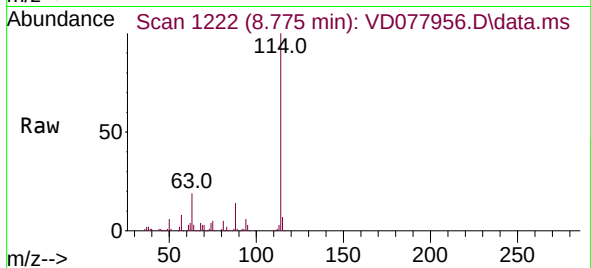
49 85.6 83.2 154.6



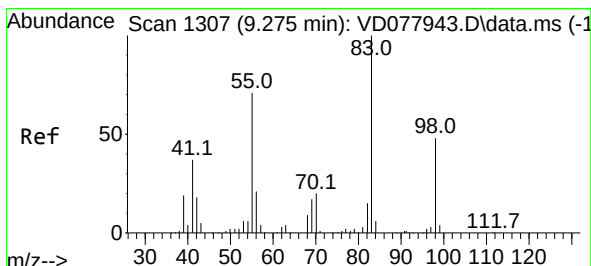
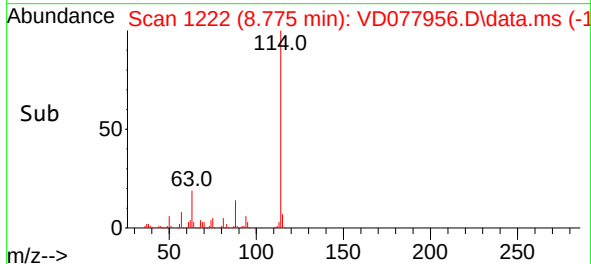
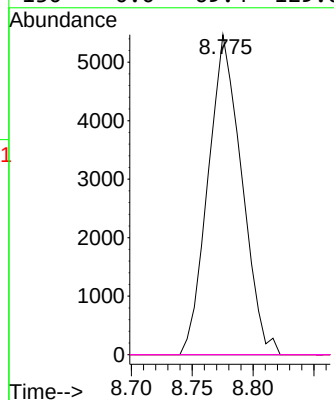


#34
Trichloroethene
Concen: 1.960 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD077956.D
Acq: 18 Dec 2023 19:14

Instrument :
MSVOA_D
ClientSampleId :

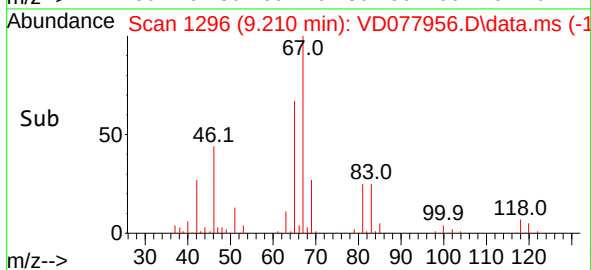
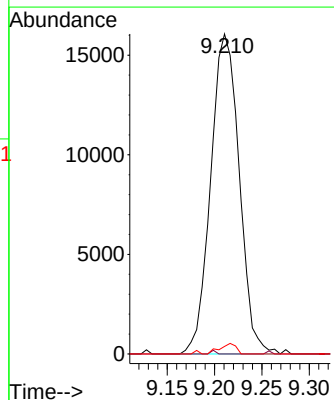
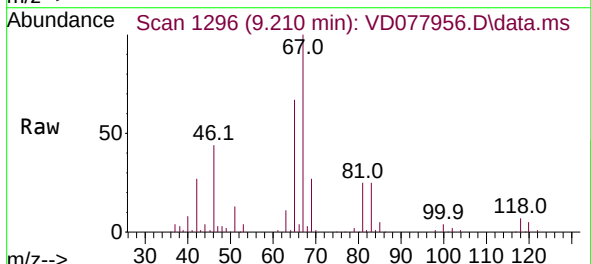


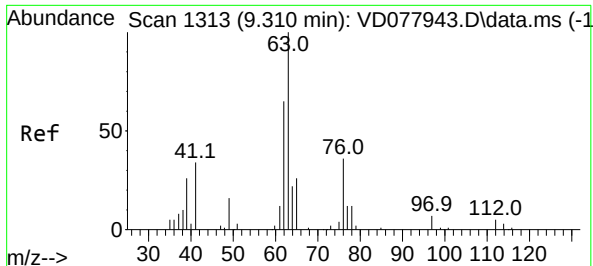
Tgt Ion:	95	Resp:	10512
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.2	82.0#
132	0.0	67.5	125.3#
130	0.0	69.4	129.0#



#35
Methylcyclohexane
Concen: 3.538 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD077956.D
Acq: 18 Dec 2023 19:14

Tgt Ion:	83	Resp:	33685
Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.8	89.6#
98	1.9	38.5	57.7#





#37

1,2-Dichloropropane

Concen: 2.535 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.100 min

Lab File: VD077956.D

Acq: 18 Dec 2023 19:14

Instrument :

MSVOA_D

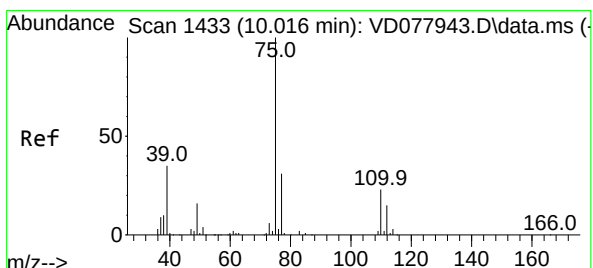
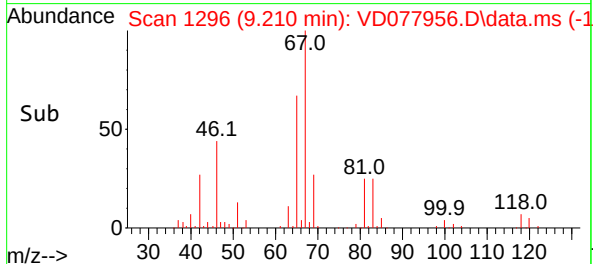
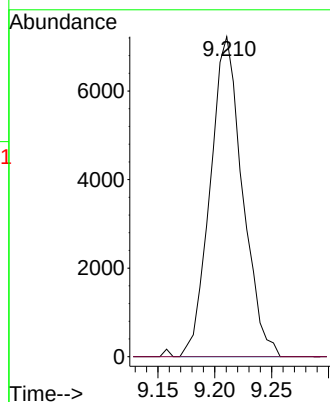
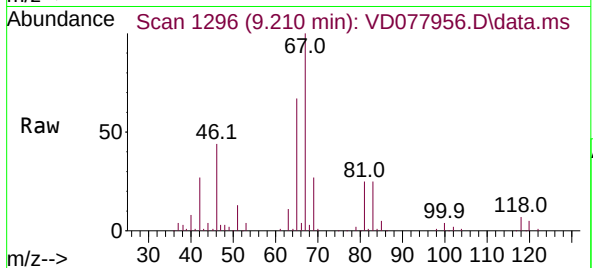
ClientSampleId :

Tgt Ion: 63 Resp: 14280

Ion Ratio Lower Upper

63 100

112 0.4 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.494 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD077956.D

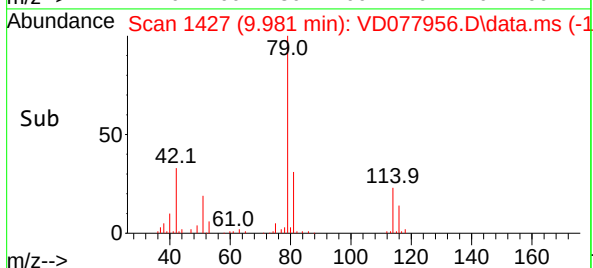
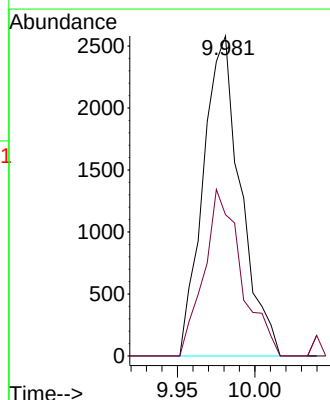
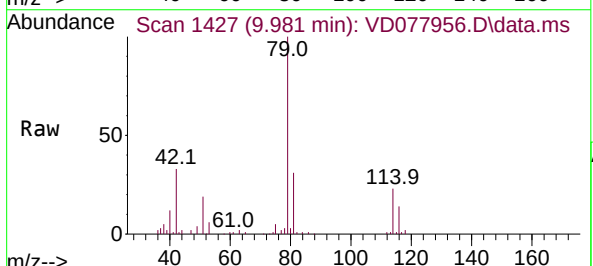
Acq: 18 Dec 2023 19:14

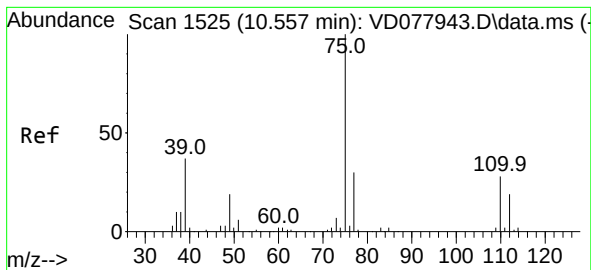
Tgt Ion: 75 Resp: 4348

Ion Ratio Lower Upper

75 100

77 44.2 21.2 39.4#





#44
 trans-1,3-Dichloropropene
 Concen: 0.402 ug/L
 RT: 10.516 min Scan# 11
 Delta R.T. -0.041 min
 Lab File: VD077956.D
 Acq: 18 Dec 2023 19:14

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 2952
 Ion Ratio Lower Upper
 75 100
 77 39.2 22.0 40.8

