

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
 Data File : VD076965.D
 Acq On : 10 Aug 2023 16:30
 Operator : JC/SY
 Sample : 03965-09
 Misc : 5.20G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 11 03:06:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:51:25 2023
 Response via : Initial Calibration

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

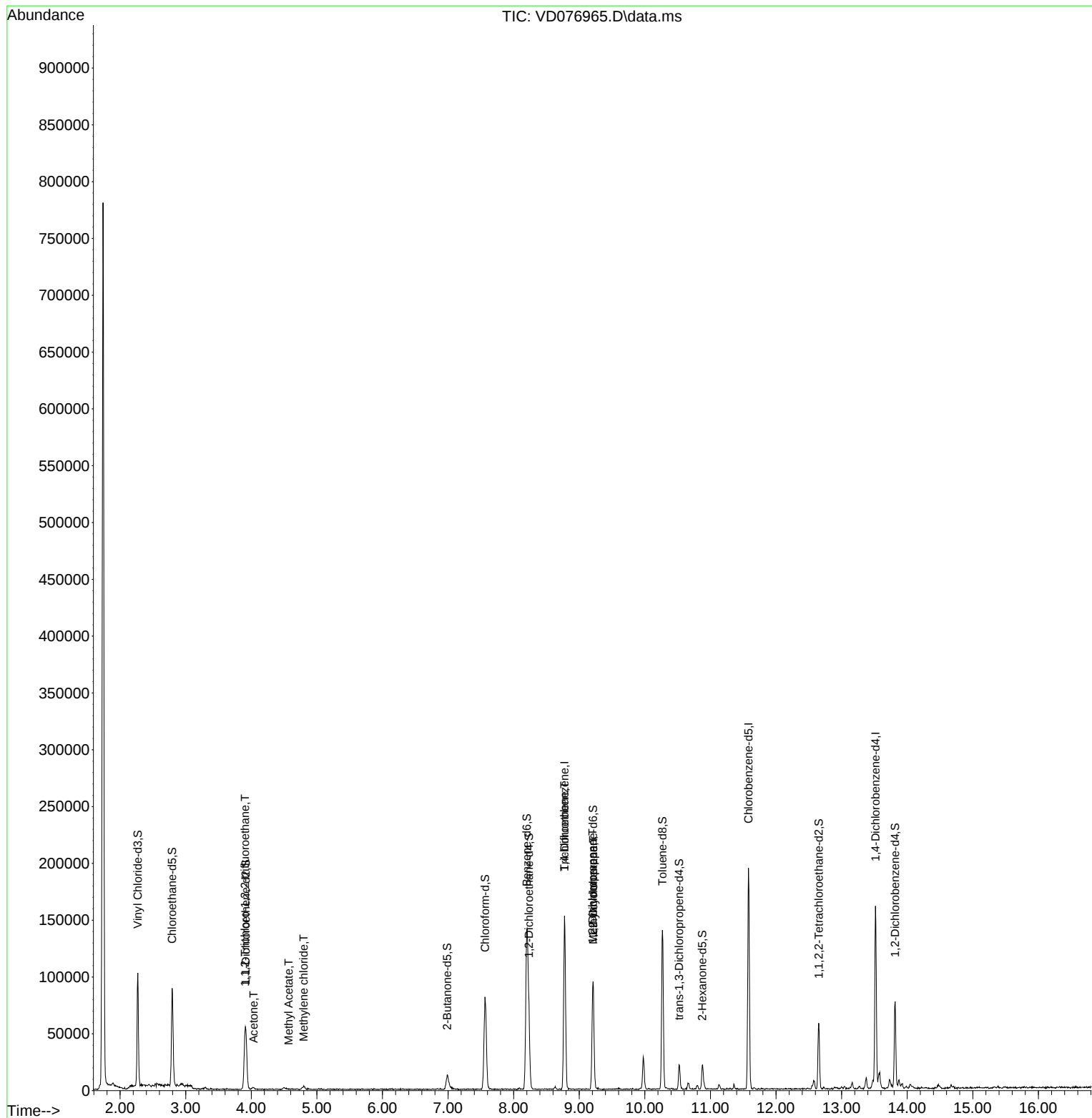
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	140198	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.581	117	119937	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	43236	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	89488	23.210	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.840%
7) Chloroethane-d5	2.793	69	86034	24.138	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.560%
11) 1,1-Dichloroethene-d2	3.916	65	16408	17.961	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.840%
21) 2-Butanone-d5	6.987	46	21314	34.433	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.860%
24) Chloroform-d	7.563	84	86083	18.856	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.440%
26) 1,2-Dichloroethane-d4	8.234	65	50476	22.180	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.720%
32) Benzene-d6	8.198	84	156419	20.743	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.960%
36) 1,2-Dichloropropane-d6	9.210	67	49474	21.339	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.360%
41) Toluene-d8	10.269	98	101010	14.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.440%
43) trans-1,3-Dichloroprop...	10.522	79	13072	12.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	49.880%
47) 2-Hexanone-d5	10.875	63	7435	16.788	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.580%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	30866	13.777	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	55.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	20461	12.944	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	51.760%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	489	0.210	ug/L #	20
13) Acetone	4.034	43	2429	3.837	ug/L	61
15) Methyl Acetate	4.569	43	602	0.563	ug/L #	53
16) Methylene chloride	4.799	84	1451	0.493	ug/L #	50
34) Trichloroethene	8.775	95	4451	2.174	ug/L #	4
35) Methylcyclohexane	9.216	83	11953	3.580	ug/L #	20
37) 1,2-Dichloropropane	9.204	63	5142	2.575	ug/L #	88

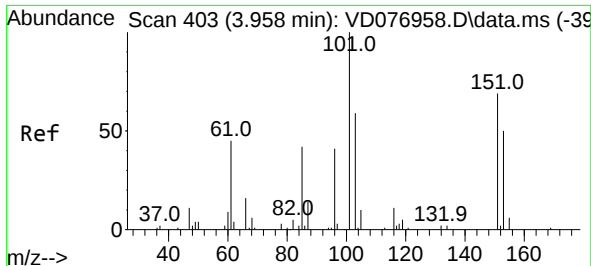
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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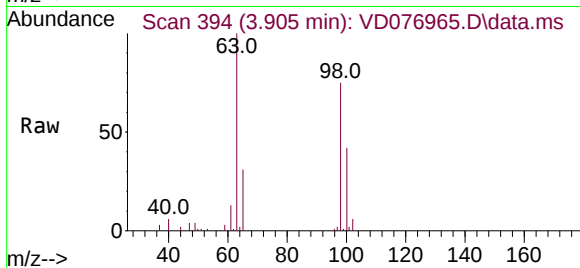
Quant Time: Aug 11 03:06:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 11 02:51:25 2023
Response via : Initial Calibration



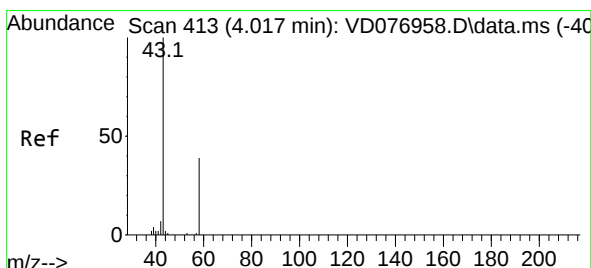
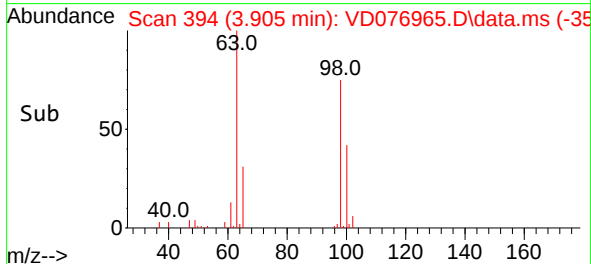
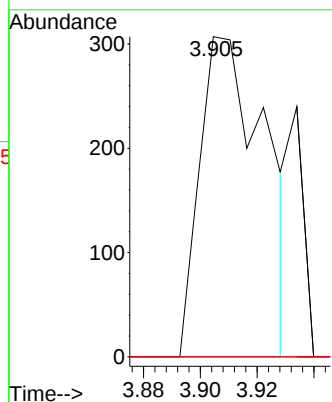


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.210 ug/L
 RT: 3.905 min Scan# 394
 Delta R.T. -0.053 min
 Lab File: VD076965.D
 Acq: 10 Aug 2023 16:30

Instrument :
 MSVOA_D
 ClientSampleId :

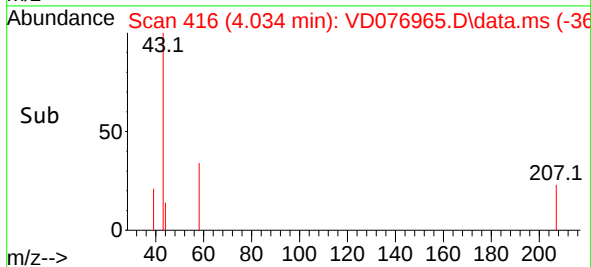
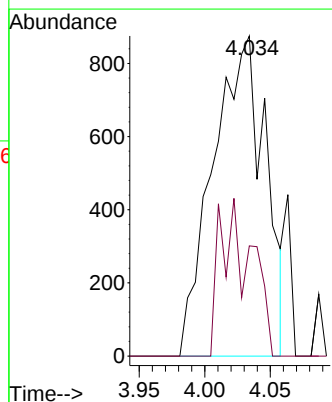
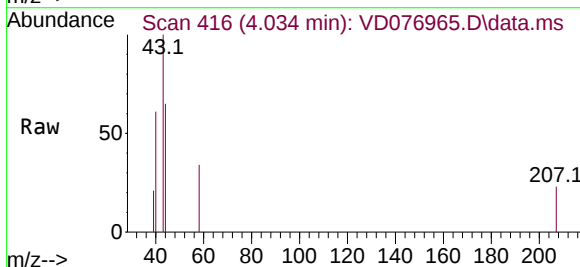


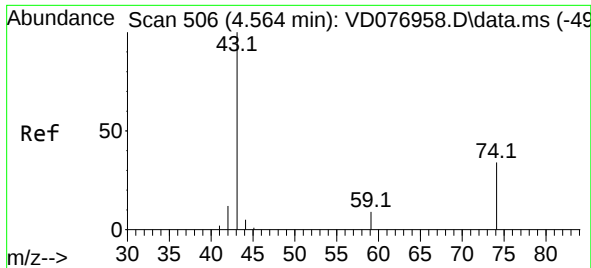
Tgt Ion: 101 Resp: 489
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.5 53.3#
 151 0.0 58.6 87.8#



#13
 Acetone
 Concen: 3.837 ug/L
 RT: 4.034 min Scan# 416
 Delta R.T. 0.017 min
 Lab File: VD076965.D
 Acq: 10 Aug 2023 16:30

Tgt Ion: 43 Resp: 2429
 Ion Ratio Lower Upper
 43 100
 58 11.5 0.0 67.4

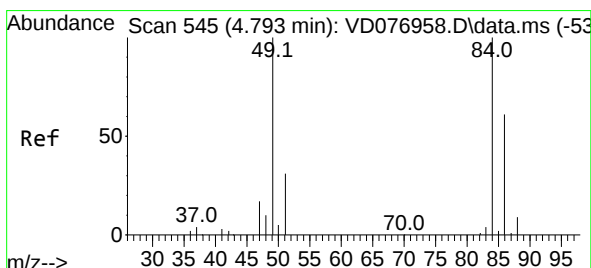
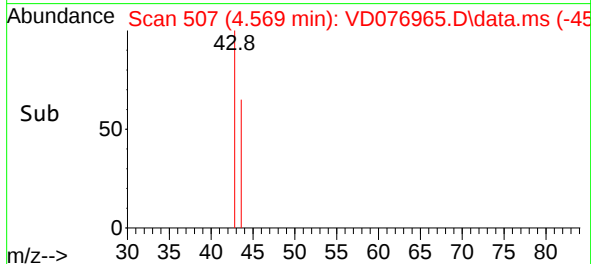
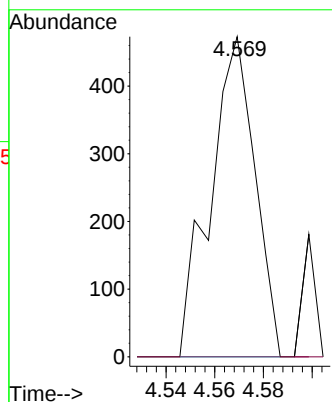
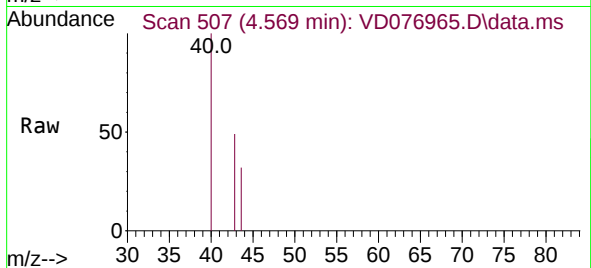




#15
Methyl Acetate
Concen: 0.563 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076965.D
Acq: 10 Aug 2023 16:30

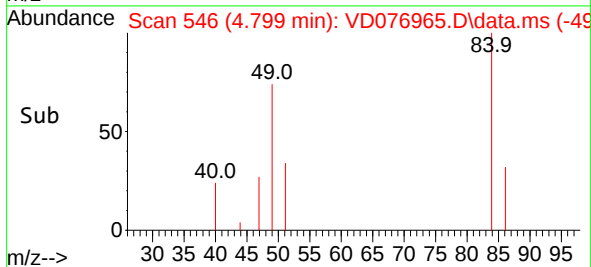
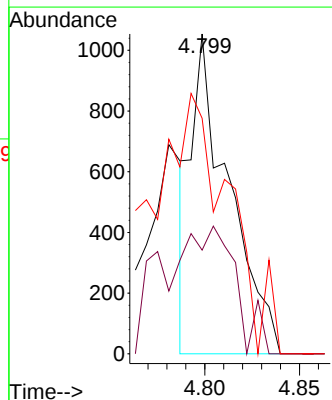
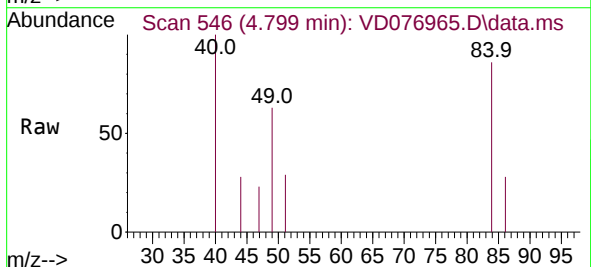
Instrument :
MSVOA_D
ClientSampleId :

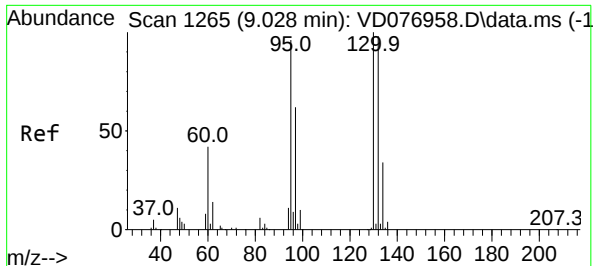
Tgt Ion: 43 Resp: 602
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.2#



#16
Methylene chloride
Concen: 0.493 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD076965.D
Acq: 10 Aug 2023 16:30

Tgt Ion: 84 Resp: 1451
Ion Ratio Lower Upper
84 100
86 32.4 45.1 83.9#
49 73.6 97.2 180.6#





#34

Trichloroethene

Concen: 2.174 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

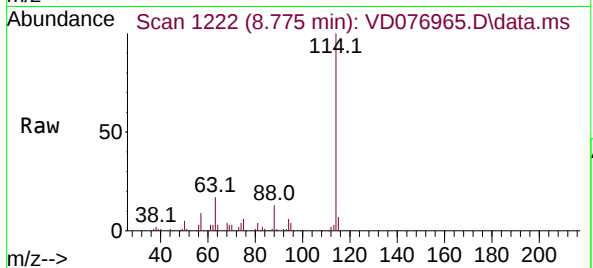
Lab File: VD076965.D

Acq: 10 Aug 2023 16:30

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 4451

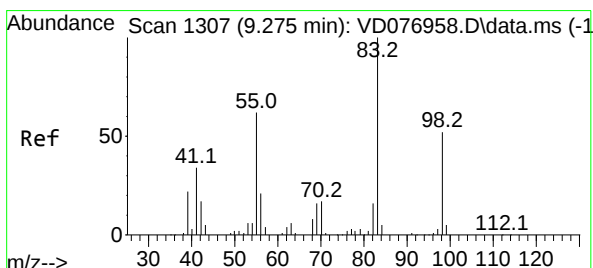
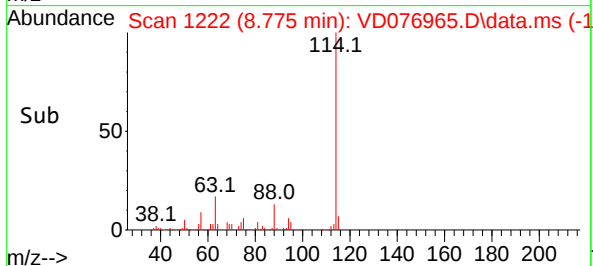
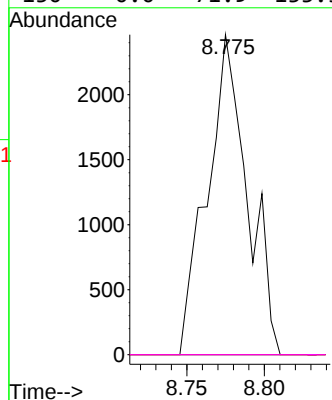
Ion Ratio Lower Upper

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: 3.580 ug/L

RT: 9.216 min Scan# 1297

Delta R.T. -0.059 min

Lab File: VD076965.D

Acq: 10 Aug 2023 16:30

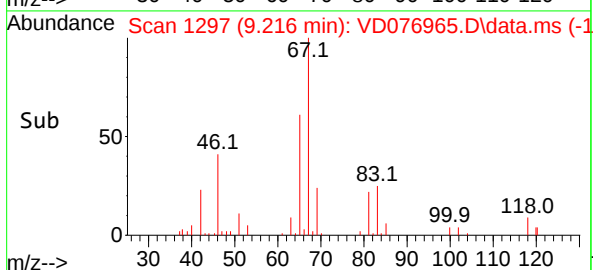
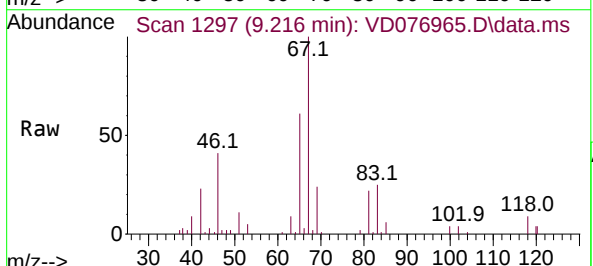
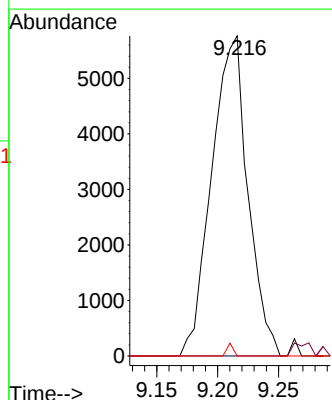
Tgt Ion: 83 Resp: 11953

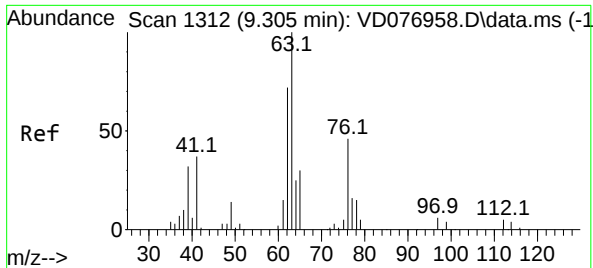
Ion Ratio Lower Upper

83 100

55 1.9 59.8 89.6#

98 0.0 37.8 56.6#





#37
 1,2-Dichloropropane
 Concen: 2.575 ug/L
 RT: 9.204 min Scan# 11
 Delta R.T. -0.100 min
 Lab File: VD076965.D
 Acq: 10 Aug 2023 16:30

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 63 Resp: 5142
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#

