

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
 Data File : VD076971.D
 Acq On : 10 Aug 2023 19:17
 Operator : JC/SY
 Sample : 03965-15
 Misc : 5.70G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 11 03:07:30 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)

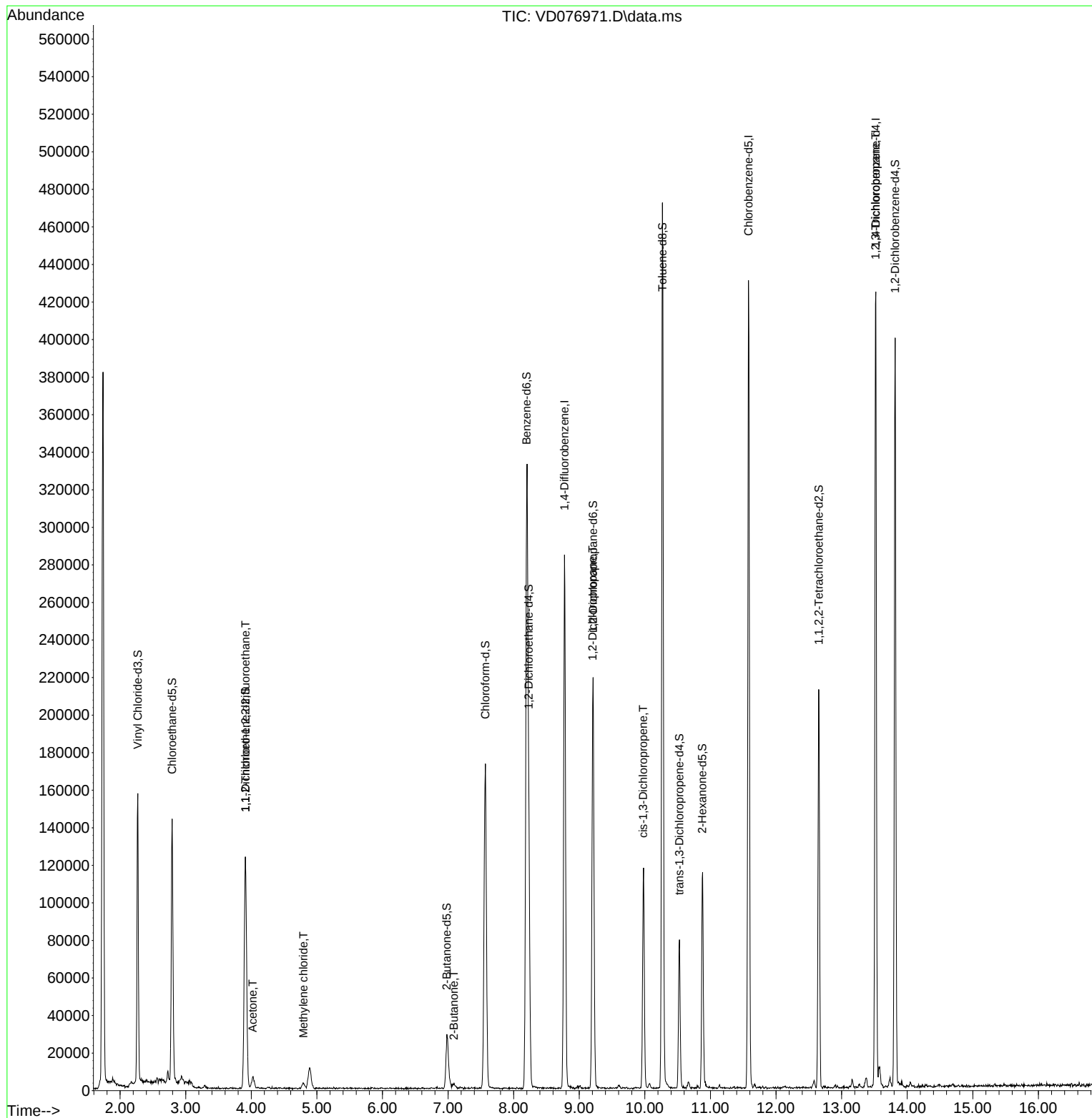
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	259153	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	260765	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.521	152	119463	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	142163	19.947	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.800%
7) Chloroethane-d5	2.793	69	141431	21.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.880%
11) 1,1-Dichloroethene-d2	3.910	65	33875	20.060	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.240%
21) 2-Butanone-d5	6.981	46	46584	40.712	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.420%
24) Chloroform-d	7.569	84	180038	21.334	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.320%
26) 1,2-Dichloroethane-d4	8.228	65	93071	22.124	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.480%
32) Benzene-d6	8.198	84	370493	22.598	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	9.210	67	110348	21.891	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.560%
41) Toluene-d8	10.269	98	332706	22.134	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.520%
43) trans-1,3-Dichloroprop...	10.528	79	46045	20.204	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.800%
47) 2-Hexanone-d5	10.875	63	41430	43.027	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.060%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	107230	22.014	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.040%
66) 1,2-Dichlorobenzene-d4	13.816	152	108298	24.796	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.910	101	1166	0.271	ug/L #	20
13) Acetone	4.022	43	10650	9.102	ug/L	82
16) Methylene chloride	4.793	84	2455	0.452	ug/L #	75
22) 2-Butanone	7.087	43	2854	1.743	ug/L	85
37) 1,2-Dichloropropane	9.204	63	11031	2.541	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	2323	0.331	ug/L #	65
61) 1,2,3-Trichloropropane	13.516	75	15269	5.476	ug/L #	39

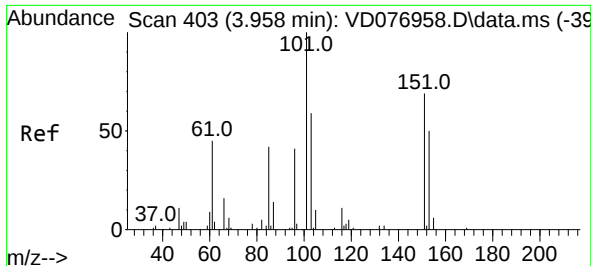
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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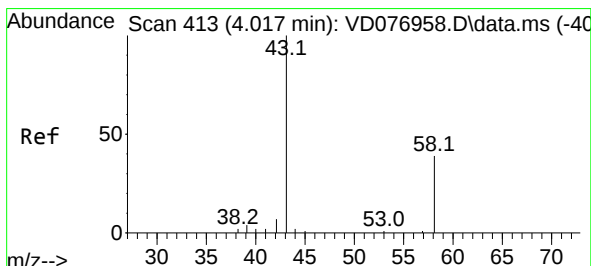
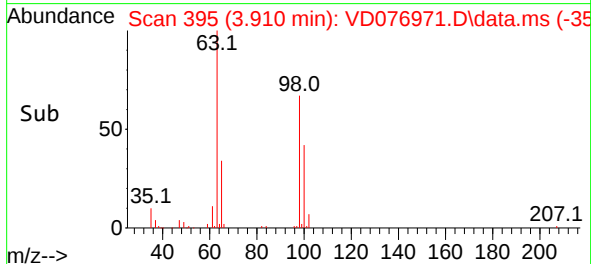
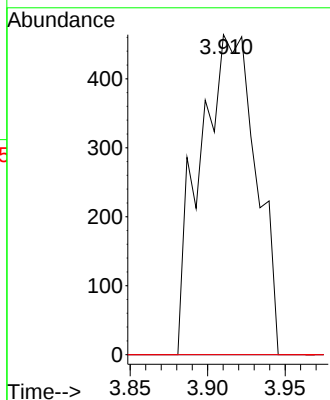
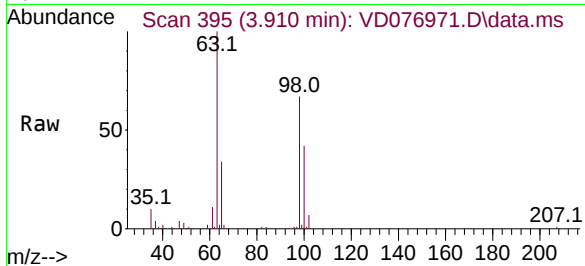




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.271 ug/L
RT: 3.910 min Scan# 395
Delta R.T. -0.048 min
Lab File: VD076971.D
Acq: 10 Aug 2023 19:17

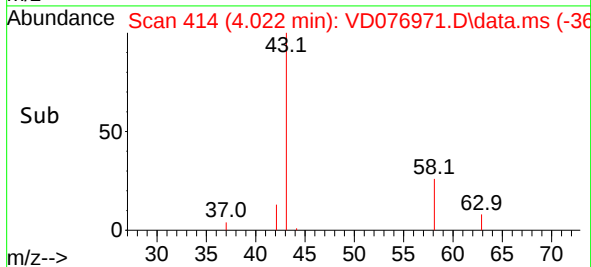
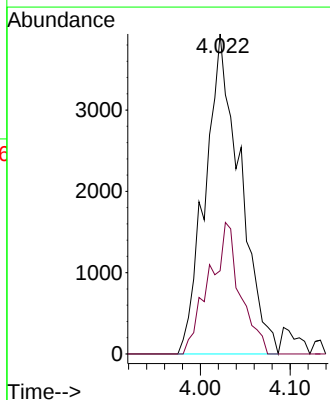
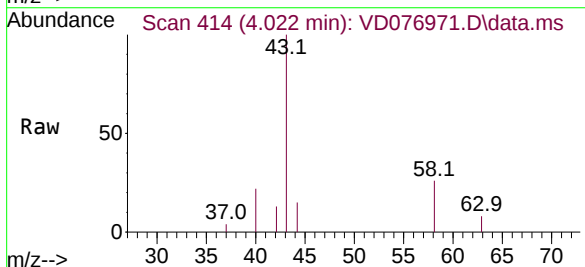
Instrument :
MSVOA_D
ClientSampleId :

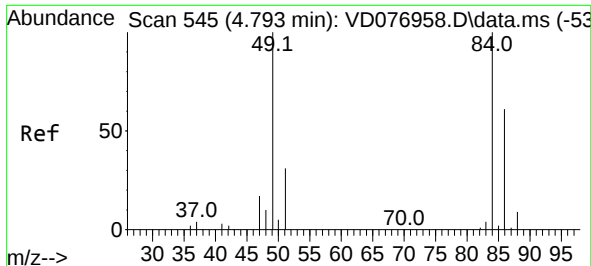
Tgt Ion:101 Resp: 1166
Ion Ratio Lower Upper
101 100
85 0.0 35.5 53.3#
151 0.0 58.6 87.8#



#13
Acetone
Concen: 9.102 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076971.D
Acq: 10 Aug 2023 19:17

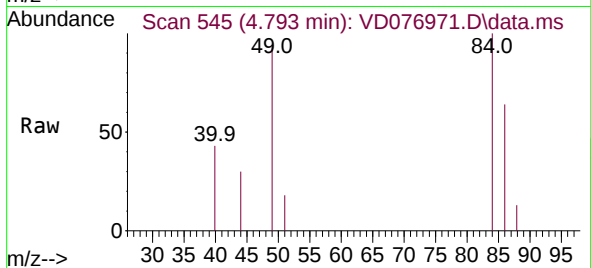
Tgt Ion: 43 Resp: 10650
Ion Ratio Lower Upper
43 100
58 23.7 0.0 67.4



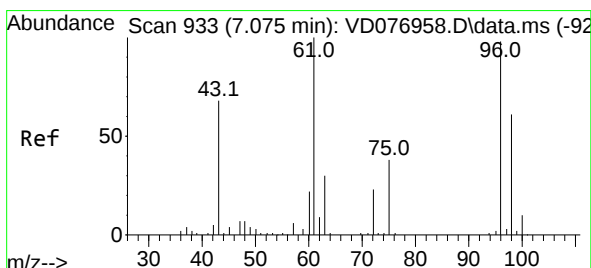
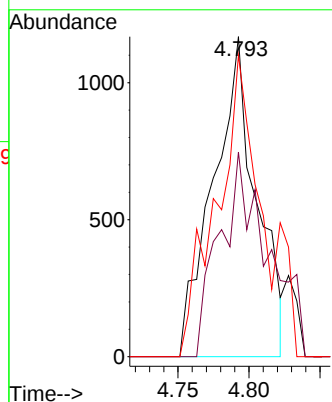
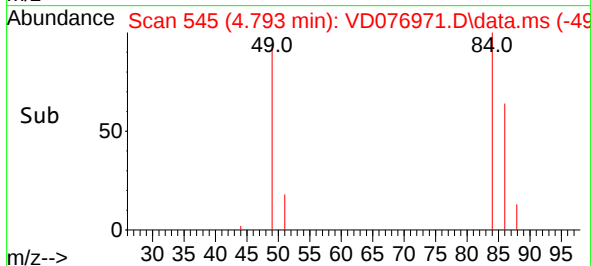


#16
Methylene chloride
Concen: 0.452 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.001 min
Lab File: VD076971.D
Acq: 10 Aug 2023 19:17

Instrument :
MSVOA_D
ClientSampleId :

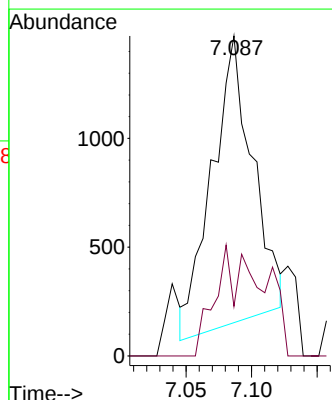
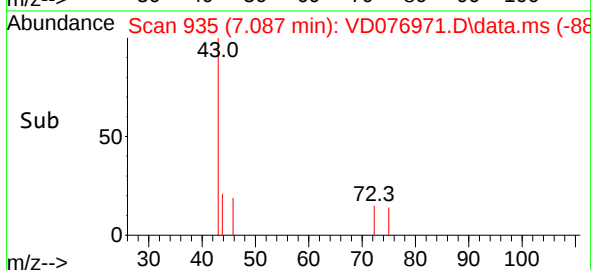
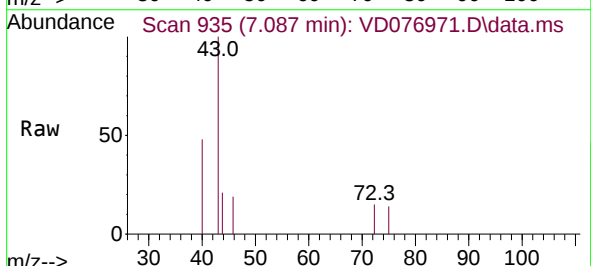


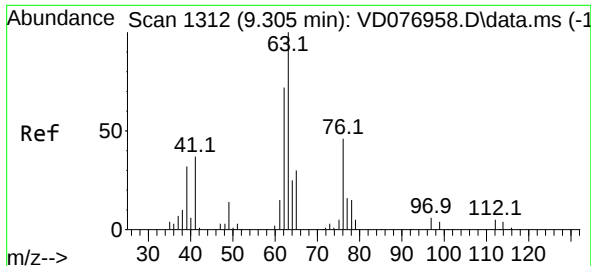
Tgt Ion: 84 Resp: 2455
Ion Ratio Lower Upper
84 100
86 64.0 45.1 83.9
49 94.2 97.2 180.6#



#22
2-Butanone
Concen: 1.743 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.011 min
Lab File: VD076971.D
Acq: 10 Aug 2023 19:17

Tgt Ion: 43 Resp: 2854
Ion Ratio Lower Upper
43 100
72 18.0 12.9 38.7





#37

1,2-Dichloropropane

Concen: 2.541 ug/L

RT: 9.204 min Scan# 11031

Delta R.T. -0.101 min

Lab File: VD076971.D

Acq: 10 Aug 2023 19:17

Instrument :

MSVOA_D

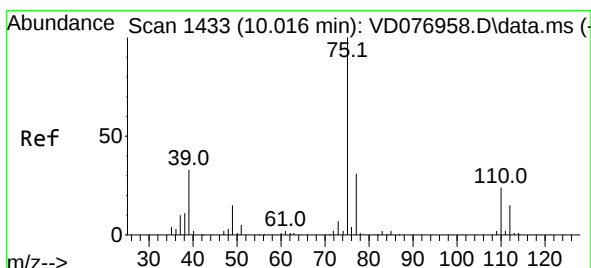
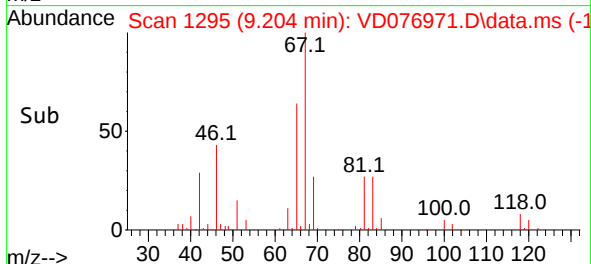
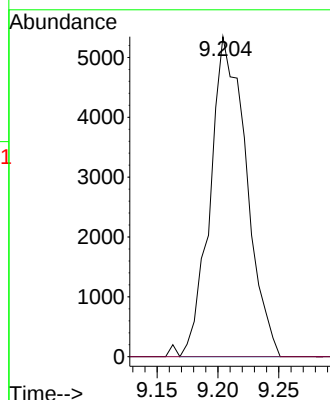
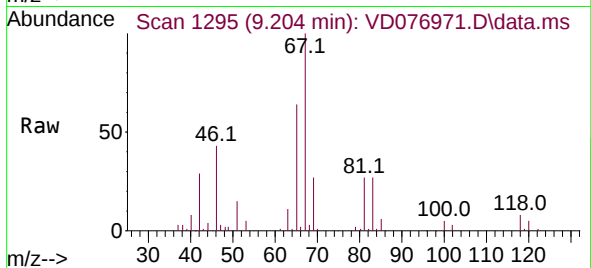
ClientSampleId :

Tgt Ion: 63 Resp: 11031

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.331 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.042 min

Lab File: VD076971.D

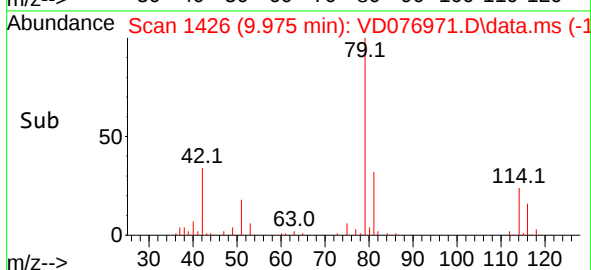
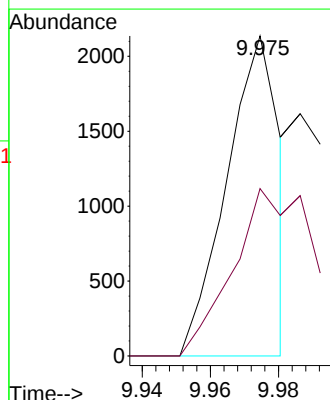
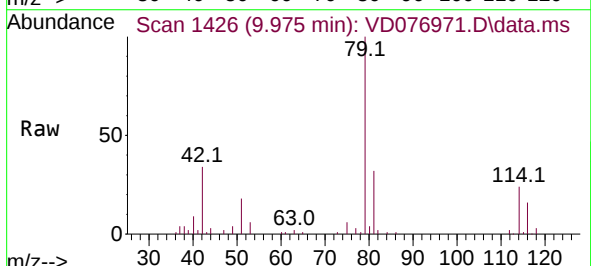
Acq: 10 Aug 2023 19:17

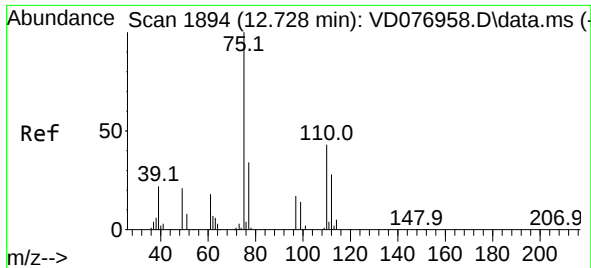
Tgt Ion: 75 Resp: 2323

Ion Ratio Lower Upper

75 100

77 52.3 22.7 42.3#





#61

1,2,3-Trichloropropane

Concen: 5.476 ug/L

RT: 13.516 min Scan# 20

Delta R.T. 0.788 min

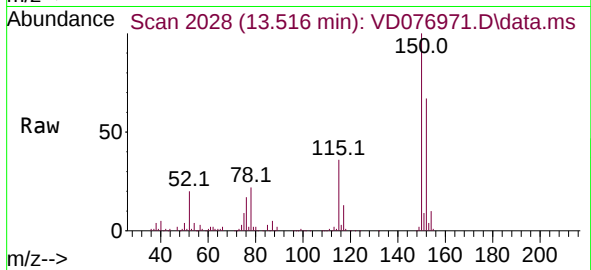
Lab File: VD076971.D

Acq: 10 Aug 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75 Resp: 15269

Ion Ratio Lower Upper

75 100

77 0.0 27.2 40.8#

110 1.5 31.8 47.6#

