

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050423\
 Data File : VD076011.D
 Acq On : 04 May 2023 18:29
 Operator : KP/SY
 Sample : 02589-20
 Misc : 5.17G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 05 00:51:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 00:35:29 2023
 Response via : Initial Calibration

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

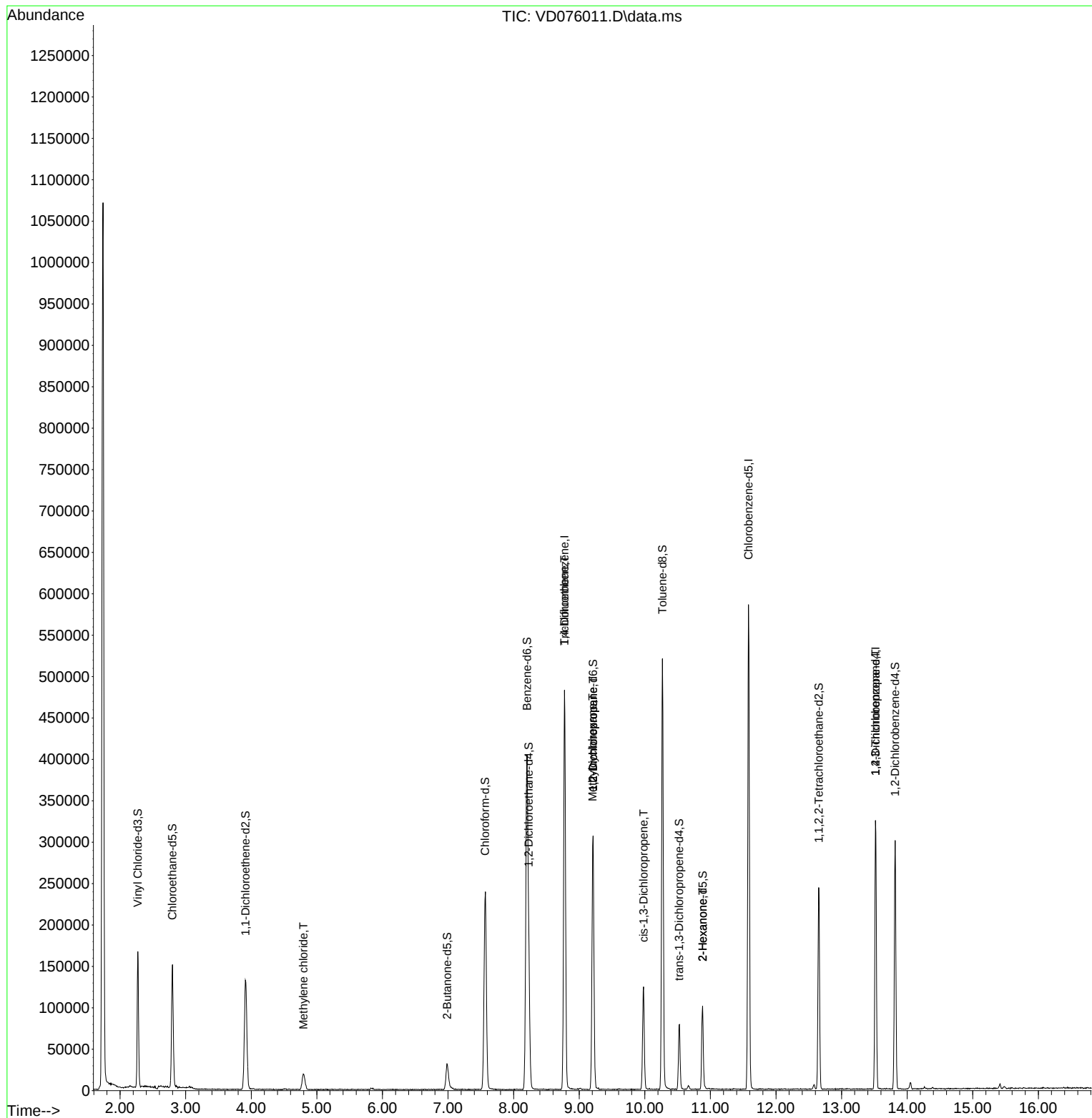
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	466918	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	375877	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	97463	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	155598	15.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.760%
7) Chloroethane-d5	2.799	69	156611	17.696	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.800%
11) 1,1-Dichloroethene-d2	3.911	65	38981	16.507	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.040%
21) 2-Butanone-d5	6.987	46	51644	58.078	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.160%
24) Chloroform-d	7.563	84	258265	22.119	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.480%
26) 1,2-Dichloroethane-d4	8.228	65	111959	22.454	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	8.204	84	456940	20.857	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.440%
36) 1,2-Dichloropropane-d6	9.210	67	160600	26.485	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.920%
41) Toluene-d8	10.269	98	386508	18.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.360%
43) trans-1,3-Dichloroprop...	10.522	79	48717	19.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.760%
47) 2-Hexanone-d5	10.881	63	36679	50.236	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.480%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	128804	27.758	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.040%
66) 1,2-Dichlorobenzene-d4	13.816	152	89954	26.093	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.360%
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	16786	1.772	ug/L	95
34) Trichloroethene	8.775	95	11649	1.981	ug/L #	2
35) Methylcyclohexane	9.204	83	38172	4.211	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	16050	3.073	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	2778	0.334	ug/L #	45
48) 2-Hexanone	10.881	43	4371	3.256	ug/L #	52
61) 1,2,3-Trichloropropane	13.516	75	10607	6.928	ug/L #	64

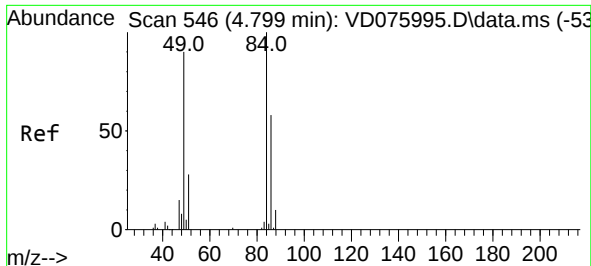
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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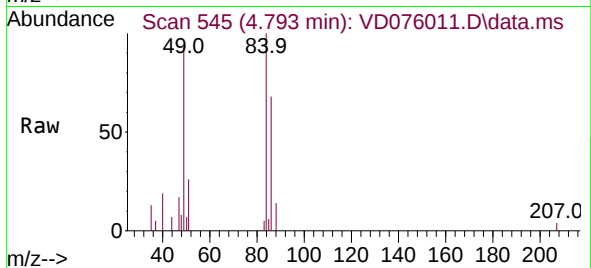
Quant Time: May 05 00:51:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
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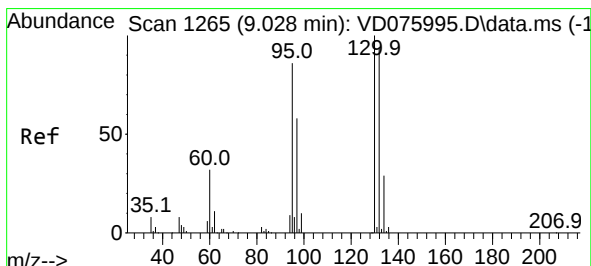
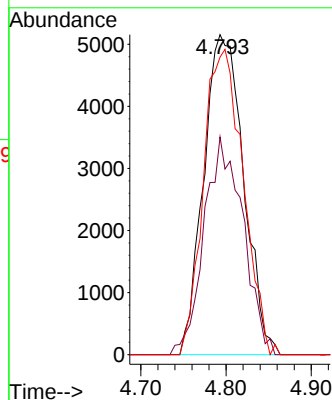
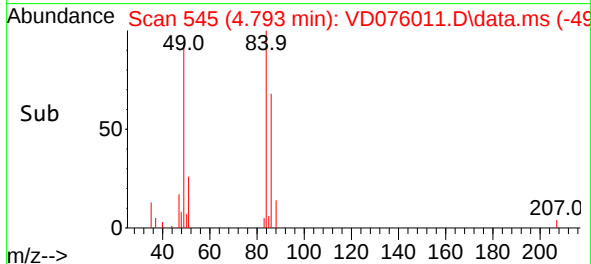


#16
Methylene chloride
Concen: 1.772 ug/L
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD076011.D
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MSVOA_D
ClientSampleId :

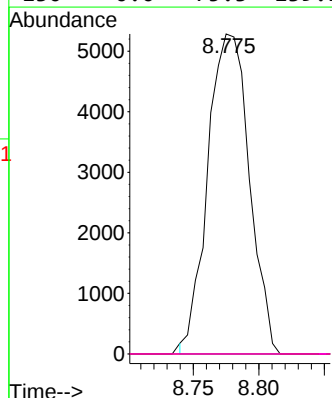
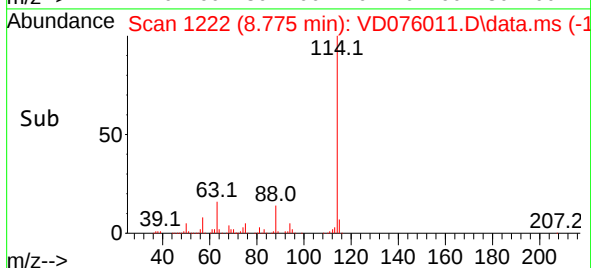
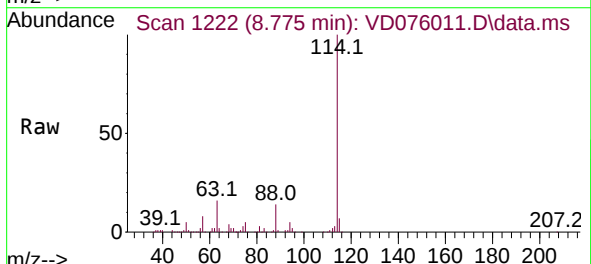


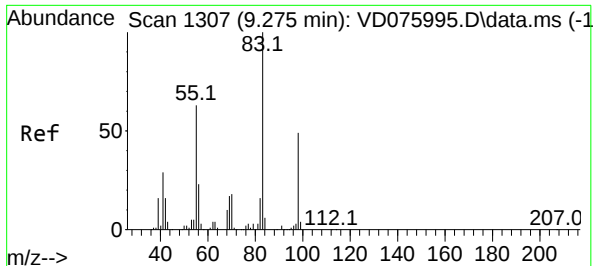
Tgt Ion: 84 Resp: 16786
Ion Ratio Lower Upper
84 100
86 68.1 45.8 85.2
49 93.0 60.8 112.8



#34
Trichloroethene
Concen: 1.981 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD076011.D
Acq: 04 May 2023 18:29

Tgt Ion: 95 Resp: 11649
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 73.3 136.1#
130 0.0 75.3 139.9#

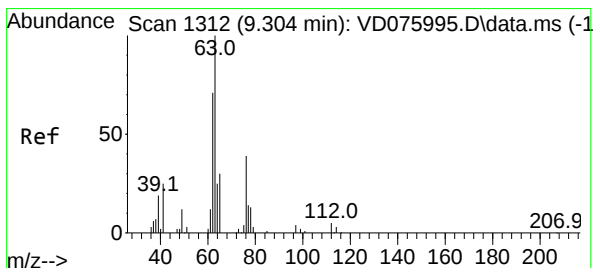
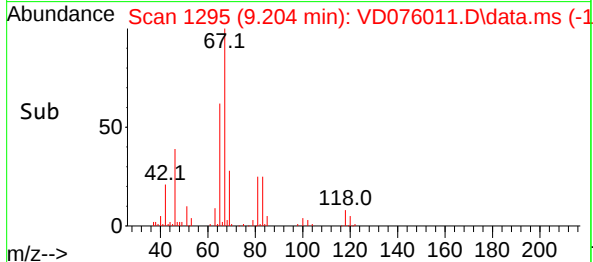
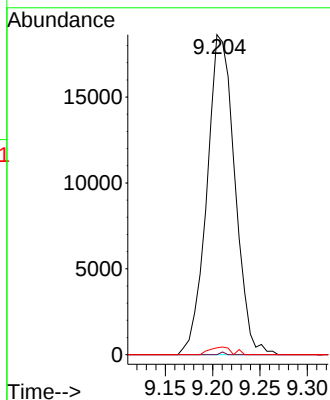
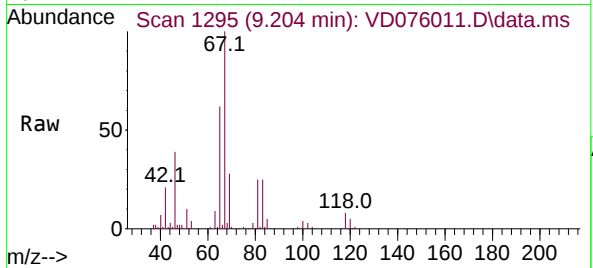




#35
Methylcyclohexane
Concen: 4.211 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.071 min
Lab File: VD076011.D
Acq: 04 May 2023 18:29

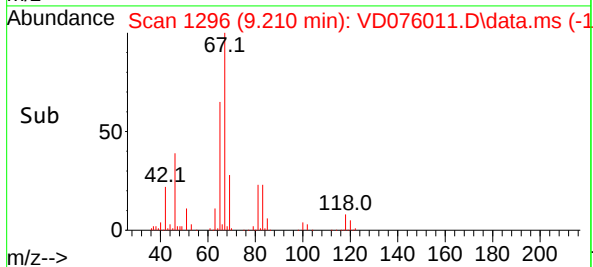
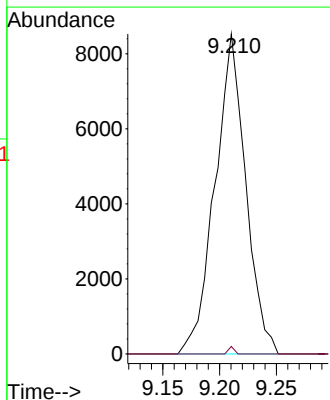
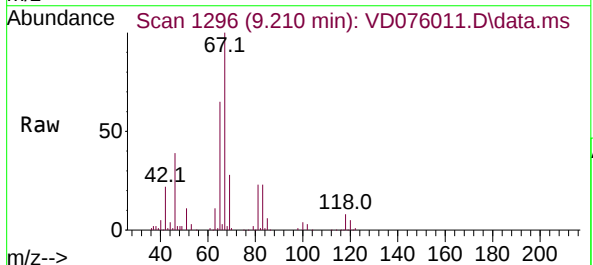
Instrument :
MSVOA_D
ClientSampleId :

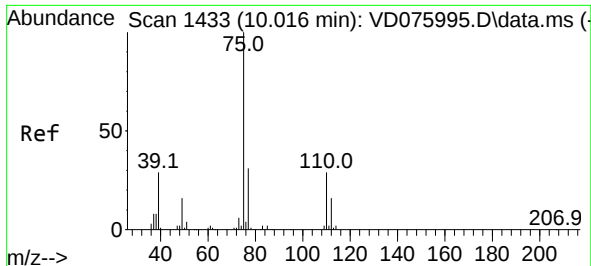
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	1.6	40.8	61.2#



#37
1,2-Dichloropropane
Concen: 3.073 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD076011.D
Acq: 04 May 2023 18:29

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.334 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD076011.D

Acq: 04 May 2023 18:29

Instrument :

MSVOA_D

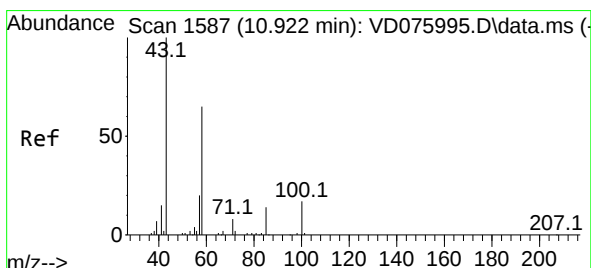
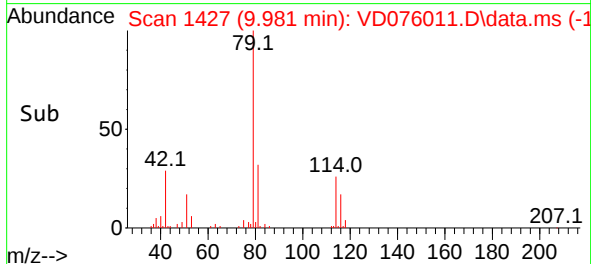
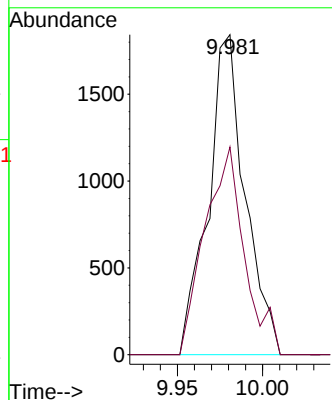
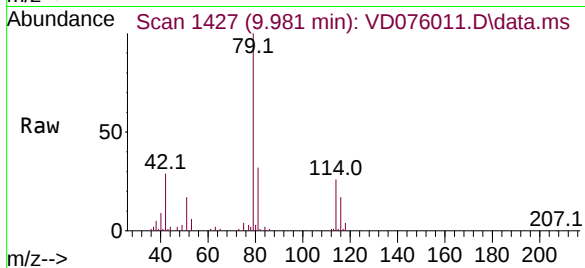
ClientSampleId :

Tgt Ion: 75 Resp: 2778

Ion Ratio Lower Upper

75 100

77 64.9 23.4 43.6#



#48

2-Hexanone

Concen: 3.256 ug/L

RT: 10.881 min Scan# 1580

Delta R.T. -0.041 min

Lab File: VD076011.D

Acq: 04 May 2023 18:29

Tgt Ion: 43 Resp: 4371

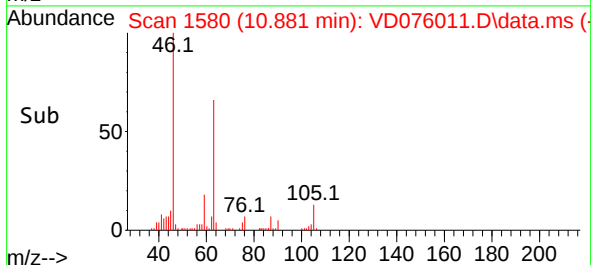
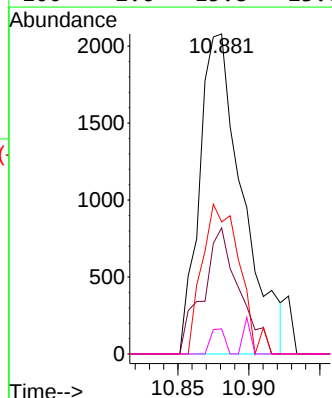
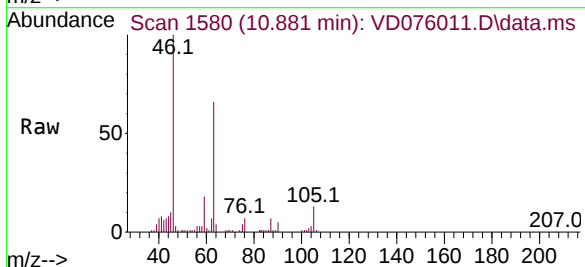
Ion Ratio Lower Upper

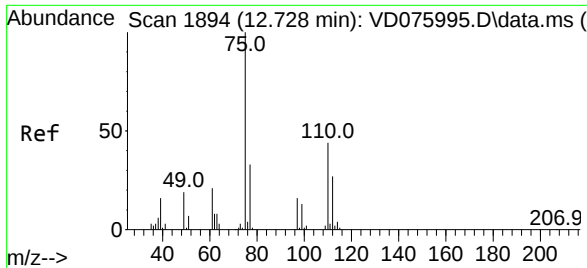
43 100

58 28.3 59.7 89.5#

57 39.4 17.9 26.9#

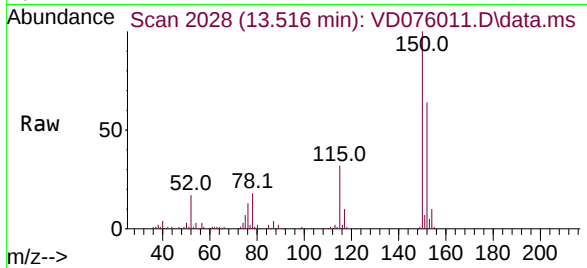
100 2.6 15.8 23.6#





#61
 1,2,3-Trichloropropane
 Concen: 6.928 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD076011.D
 Acq: 04 May 2023 18:29

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	10607
Ion	Ratio	Lower	Upper
75	100		
77	33.5	26.6	39.8
110	1.9	33.5	50.3#

