

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078304.D
 Acq On : 01 Feb 2024 14:56
 Operator : RP/MD
 Sample : P1329-06
 Misc : 5.71G/10ml/MSVOA_D/SOIL/VIAL A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 02 00:39:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 02 00:36:57 2024
 Response via : Initial Calibration

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

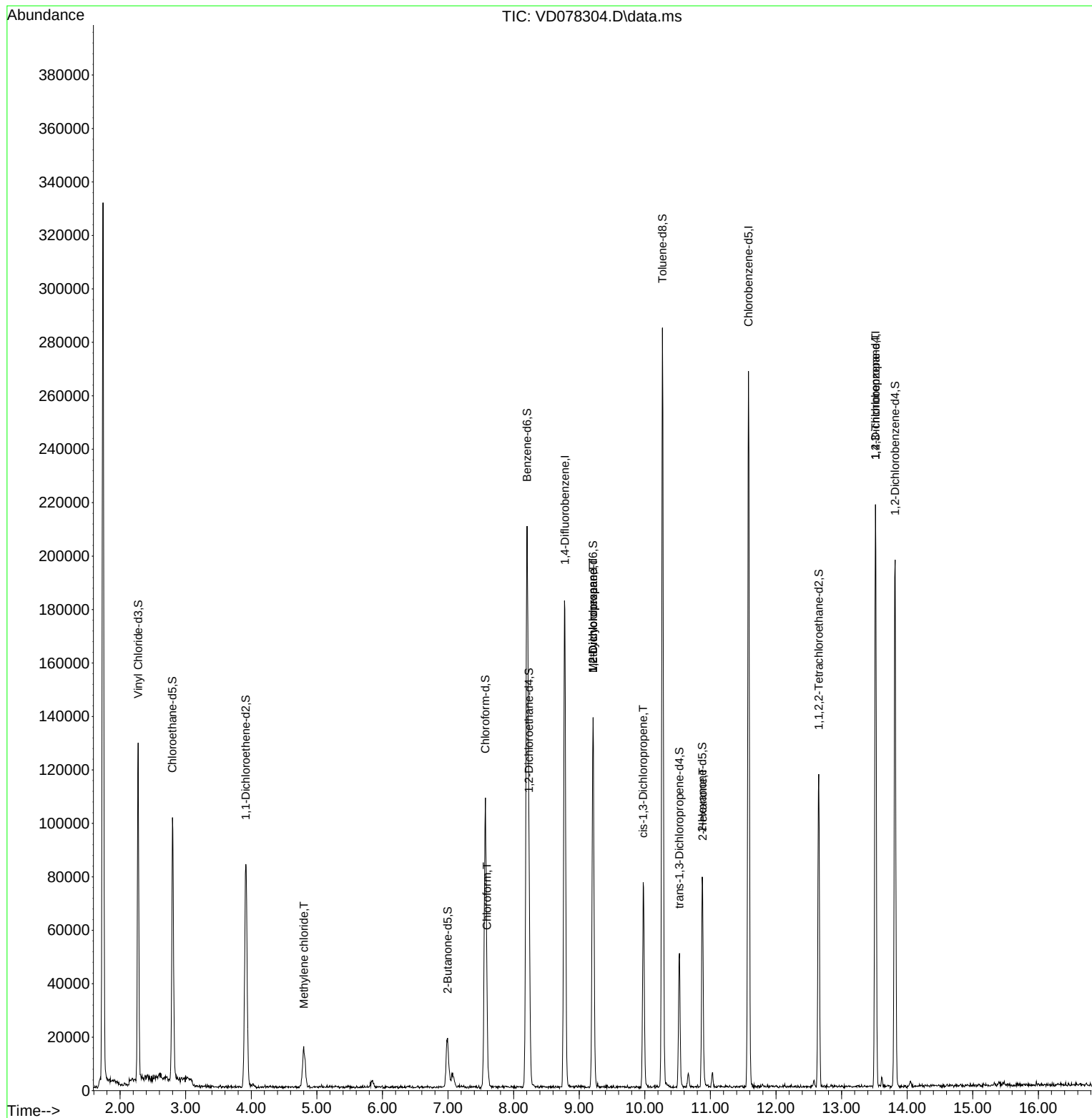
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	164636	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	154544	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	56556	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	116335	24.906	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.640%
7) Chloroethane-d5	2.799	69	98741	25.148	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	3.917	65	24537	24.329	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.320%
21) 2-Butanone-d5	6.993	46	32043	46.593	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.180%
24) Chloroform-d	7.569	84	103472	22.043	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.160%
26) 1,2-Dichloroethane-d4	8.234	65	60077	23.716	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.880%
32) Benzene-d6	8.205	84	217918	24.115	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.480%
36) 1,2-Dichloropropane-d6	9.210	67	69438	24.960	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.840%
41) Toluene-d8	10.269	98	190359	23.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	10.528	79	27962	22.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.040%
47) 2-Hexanone-d5	10.875	63	27232	48.246	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.500%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	60563	23.428	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	50629	25.005	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.040%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.805	84	10821	3.351	ug/L	83
25) Chloroform	7.593	83	4074	0.810	ug/L	82
35) Methylcyclohexane	9.210	83	15237	3.702	ug/L #	21
37) 1,2-Dichloropropane	9.210	63	6864	2.501	ug/L #	87
39) cis-1,3-Dichloropropene	9.975	75	2205	0.516	ug/L #	82
48) 2-Hexanone	10.881	43	3464	2.492	ug/L #	42
61) 1,2,3-Trichloropropane	13.516	75	7849	5.441	ug/L #	63

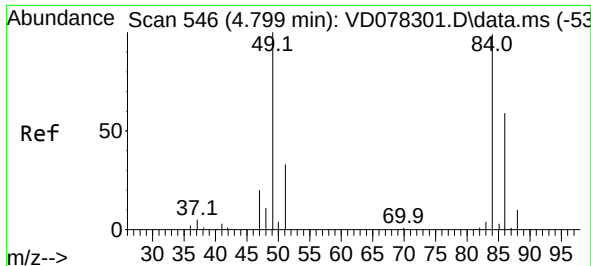
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :

Quant Time: Feb 02 00:39:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Feb 02 00:36:57 2024
Response via : Initial Calibration

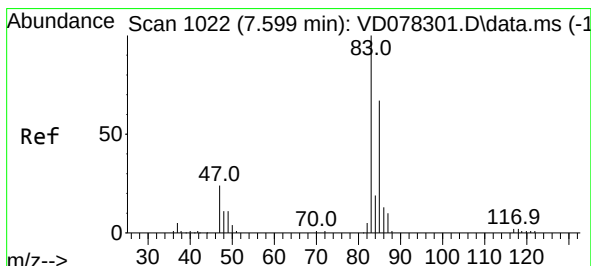
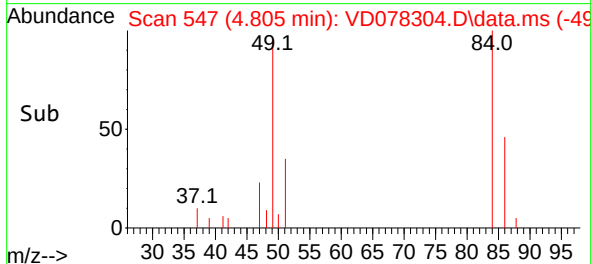
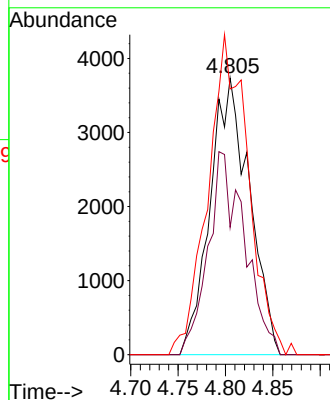
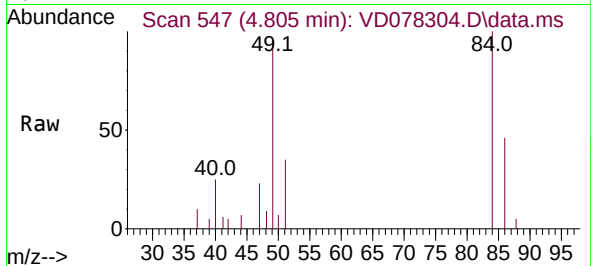




#16
Methylene chloride
Concen: 3.351 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD078304.D
Acq: 01 Feb 2024 14:56

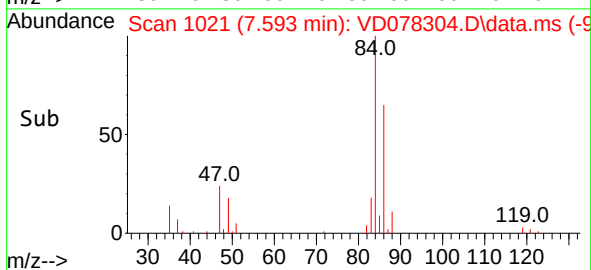
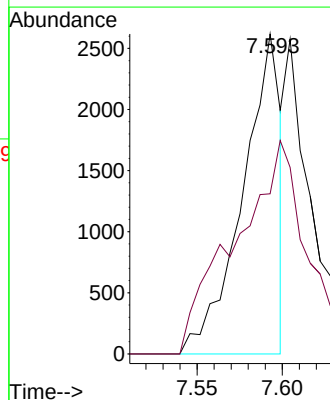
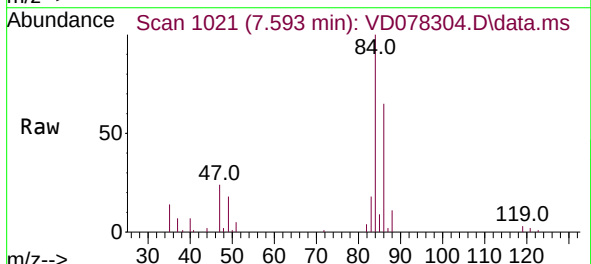
Instrument :
MSVOA_D
ClientSampleId :

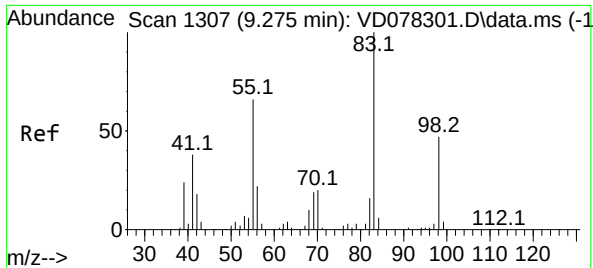
Tgt Ion: 84 Resp: 10821
Ion Ratio Lower Upper
84 100
86 46.0 45.4 84.2
49 96.1 77.3 143.7



#25
Chloroform
Concen: 0.810 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD078304.D
Acq: 01 Feb 2024 14:56

Tgt Ion: 83 Resp: 4074
Ion Ratio Lower Upper
83 100
85 50.0 44.9 83.3

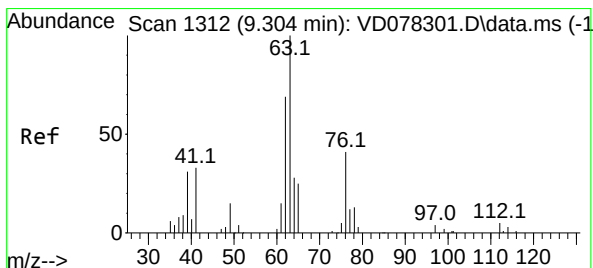
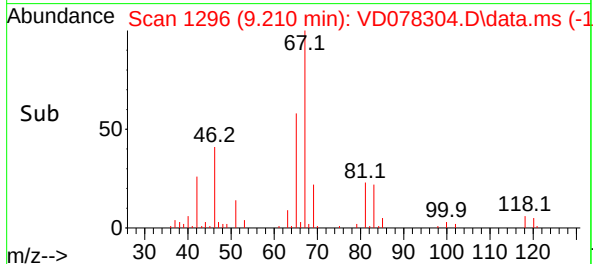
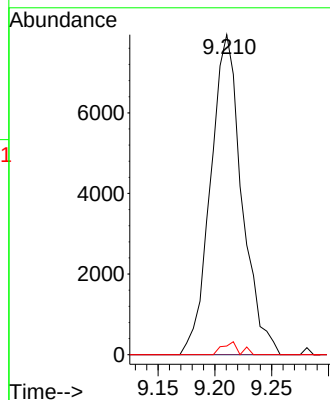
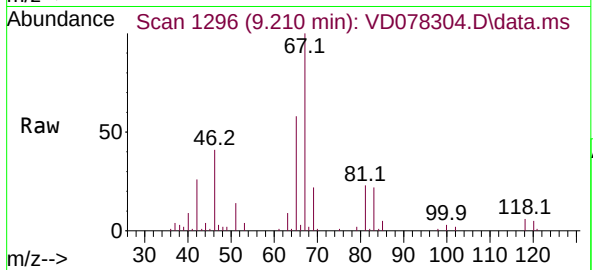




#35
Methylcyclohexane
Concen: 3.702 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD078304.D
Acq: 01 Feb 2024 14:56

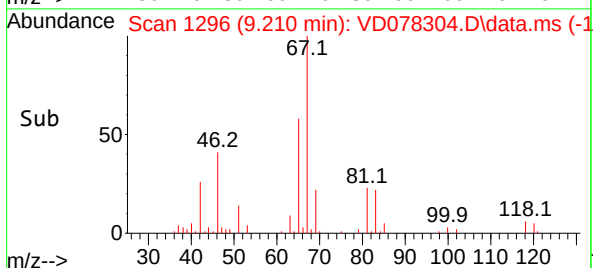
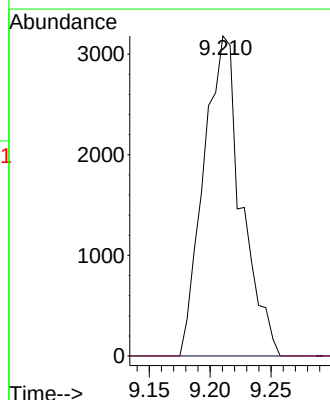
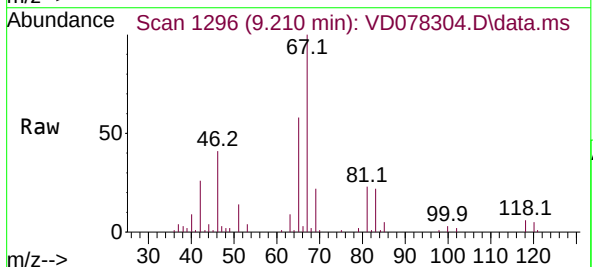
Instrument :
MSVOA_D
ClientSampleId :

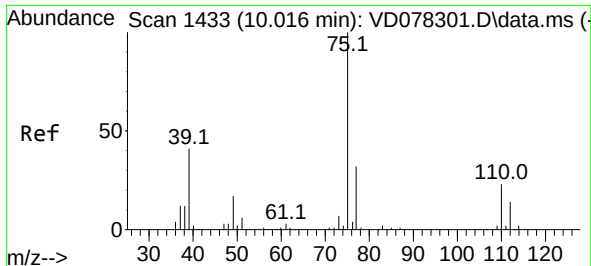
Tgt Ion: 83 Resp: 15237
Ion Ratio Lower Upper
83 100
55 0.0 56.2 84.4#
98 1.7 41.2 61.8#



#37
1,2-Dichloropropane
Concen: 2.501 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD078304.D
Acq: 01 Feb 2024 14:56

Tgt Ion: 63 Resp: 6864
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.516 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD078304.D

Acq: 01 Feb 2024 14:56

Instrument :

MSVOA_D

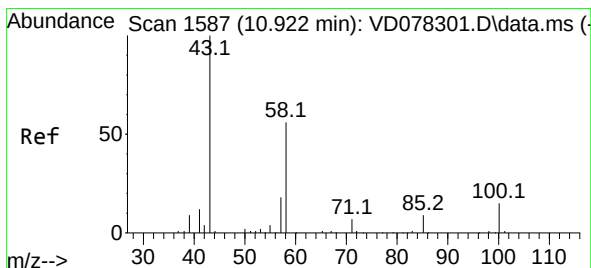
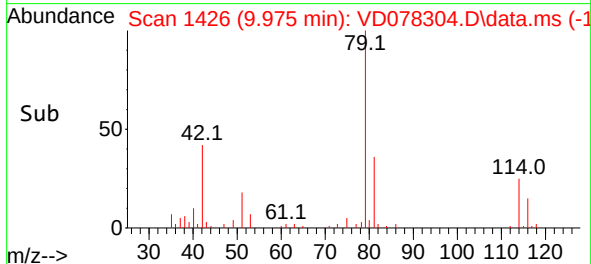
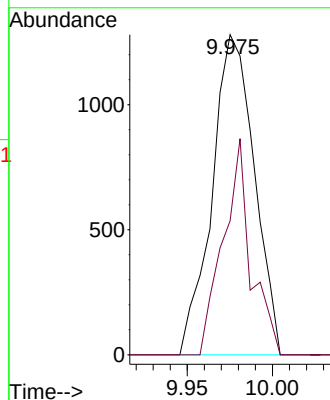
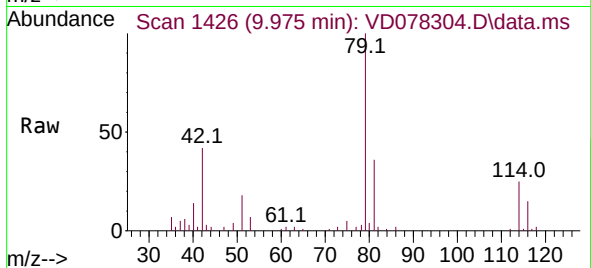
ClientSampleId :

Tgt Ion: 75 Resp: 2205

Ion Ratio Lower Upper

75 100

77 41.9 22.3 41.5#



#48

2-Hexanone

Concen: 2.492 ug/L

RT: 10.881 min Scan# 1580

Delta R.T. -0.041 min

Lab File: VD078304.D

Acq: 01 Feb 2024 14:56

Tgt Ion: 43 Resp: 3464

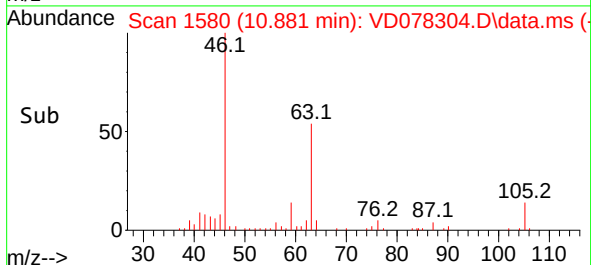
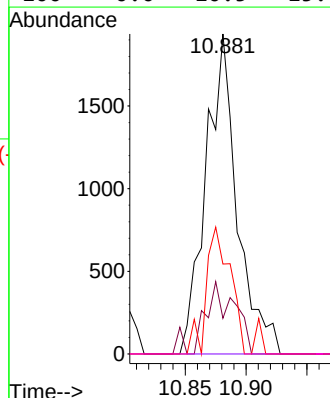
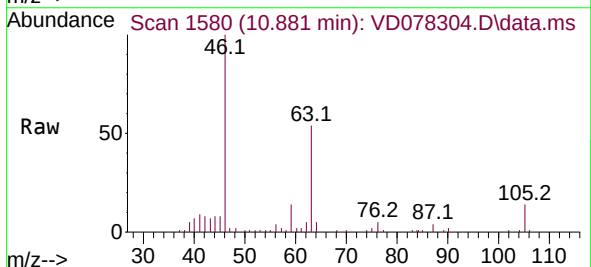
Ion Ratio Lower Upper

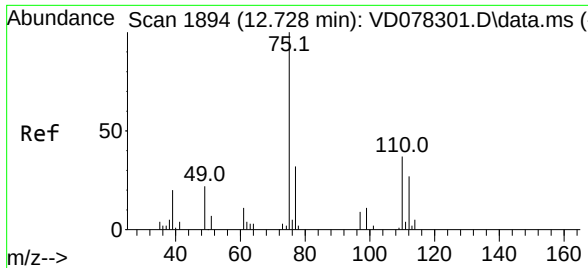
43 100

58 8.7 48.5 72.7#

57 0.0 15.6 23.4#

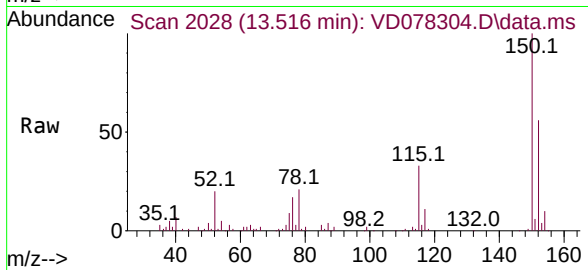
100 0.0 10.5 15.7#





#61
 1,2,3-Trichloropropane
 Concen: 5.441 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD078304.D
 Acq: 01 Feb 2024 14:56

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75	Resp:	7849
Ion	Ratio	Lower Upper
75	100	
77	37.6	26.5 39.7
110	2.1	31.8 47.8#

