

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042523\
 Data File : VD075807.D
 Acq On : 25 Apr 2023 13:07
 Operator : KP/SY
 Sample : 02447-03RE
 Misc : 5.95G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 02:41:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 26 02:39:47 2023
 Response via : Initial Calibration

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

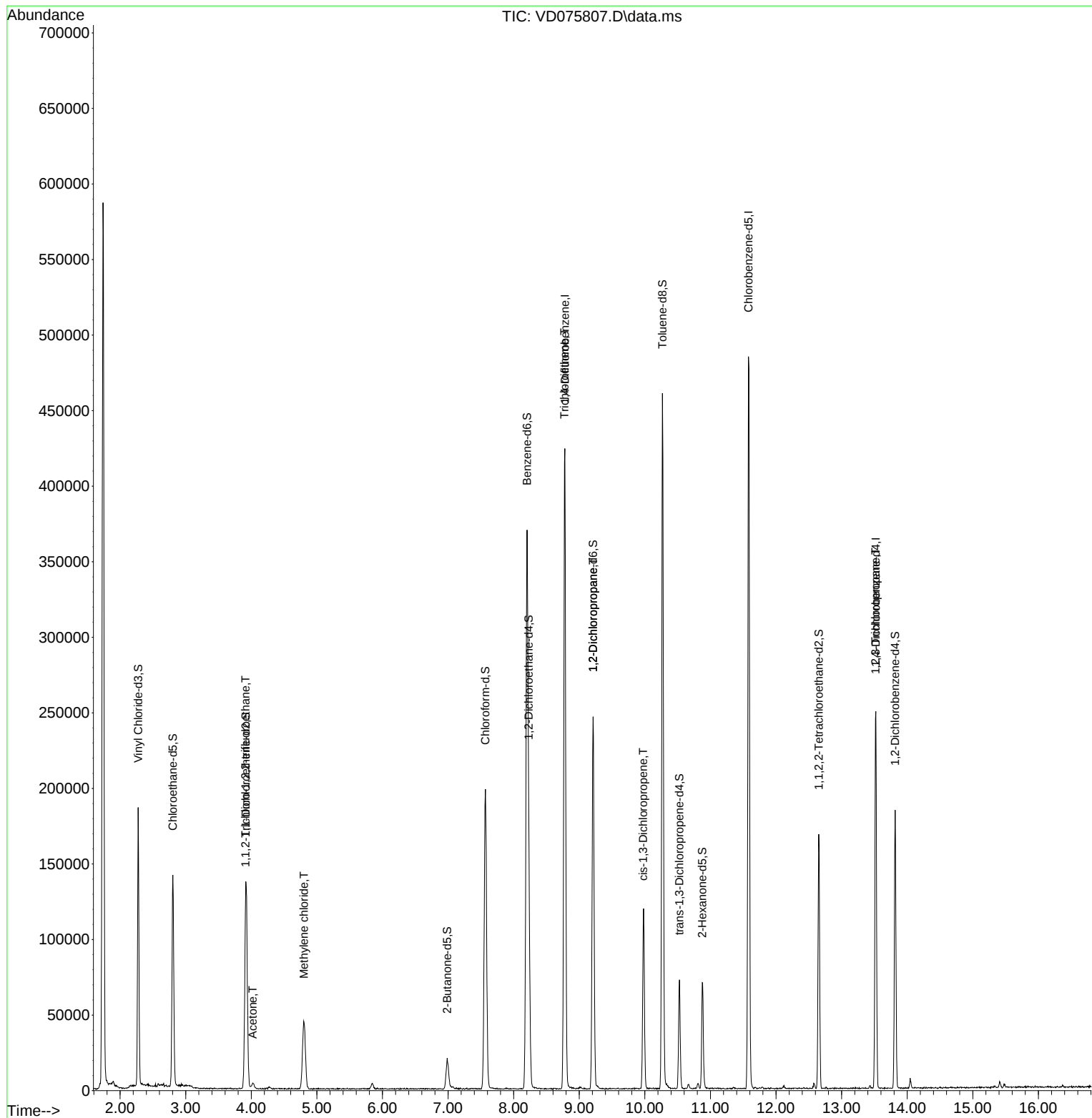
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	413209	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	317884	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	75247	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	166799	18.401	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.600%
7) Chloroethane-d5	2.805	69	152850	19.516	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.080%
11) 1,1-Dichloroethene-d2	3.916	65	37480	17.934	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.720%
21) 2-Butanone-d5	6.987	46	31816	40.430	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.860%
24) Chloroform-d	7.569	84	221399	21.426	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.720%
26) 1,2-Dichloroethane-d4	8.228	65	91921	20.831	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.320%
32) Benzene-d6	8.204	84	422837	22.822	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.280%
36) 1,2-Dichloropropane-d6	9.210	67	129817	25.314	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.240%
41) Toluene-d8	10.269	98	340740	19.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.560%
43) trans-1,3-Dichloroprop...	10.528	79	43742	20.636	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.560%
47) 2-Hexanone-d5	10.875	63	26472	42.871	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.740%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	88544	22.563	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.240%
66) 1,2-Dichlorobenzene-d4	13.816	152	54673	20.542	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.160%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.911	101	1348	0.241	ug/L #	21
13) Acetone	4.022	43	5664	8.411	ug/L	77
16) Methylene chloride	4.805	84	42089	5.021	ug/L	97
34) Trichloroethene	8.775	95	10930	2.198	ug/L #	2
37) 1,2-Dichloropropane	9.210	63	12976	2.938	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	3103	0.442	ug/L	100
61) 1,2,3-Trichloropropane	13.516	75	9278	7.849	ug/L #	57

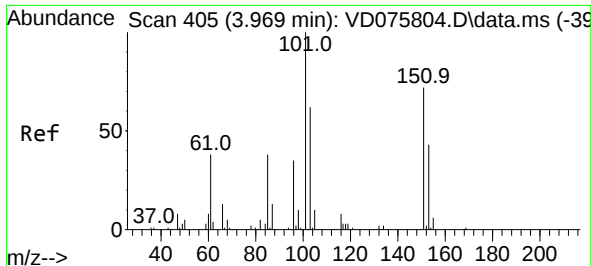
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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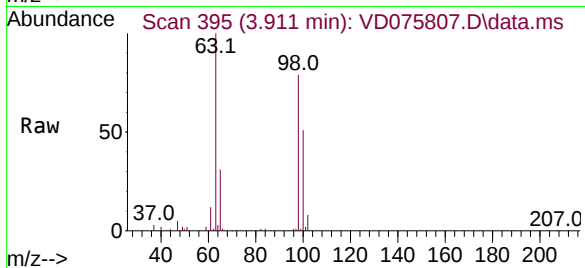
Quant Time: Apr 26 02:41:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
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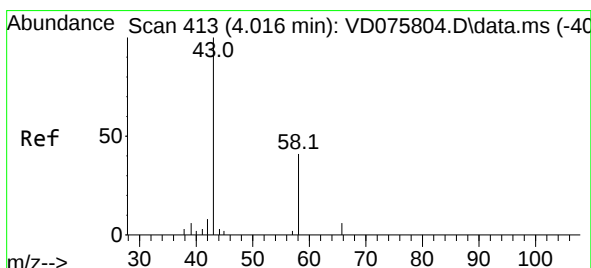
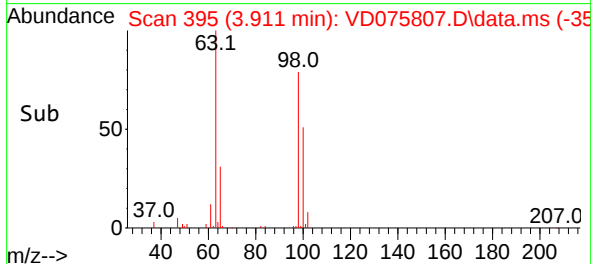
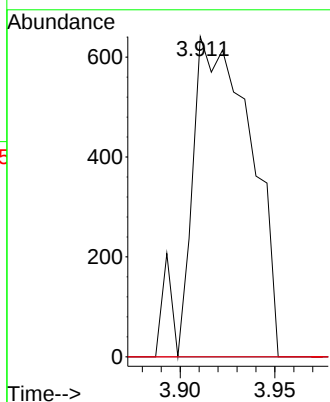


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.241 ug/L
 RT: 3.911 min Scan# 395
 Delta R.T. -0.059 min
 Lab File: VD075807.D
 Acq: 25 Apr 2023 13:07

Instrument :
 MSVOA_D
 ClientSampleId :

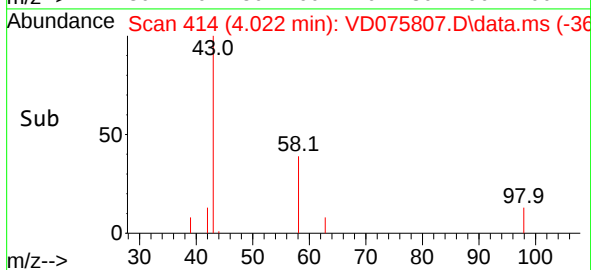
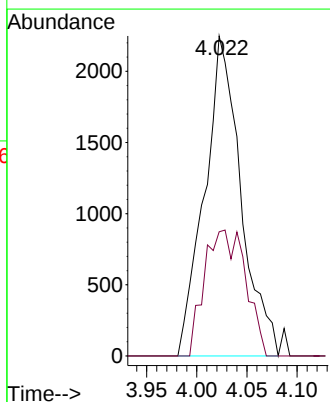
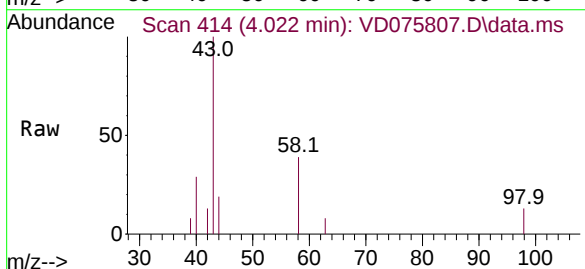


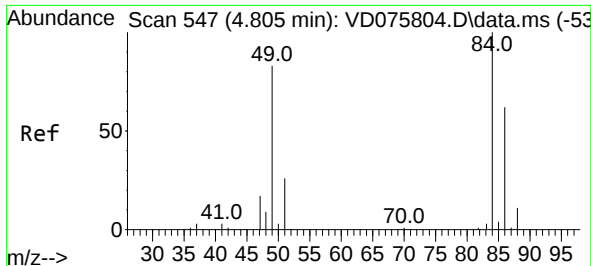
Tgt Ion:101 Resp: 1348
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.9 49.3#
 151 0.0 57.2 85.8#



#13
 Acetone
 Concen: 8.411 ug/L
 RT: 4.022 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VD075807.D
 Acq: 25 Apr 2023 13:07

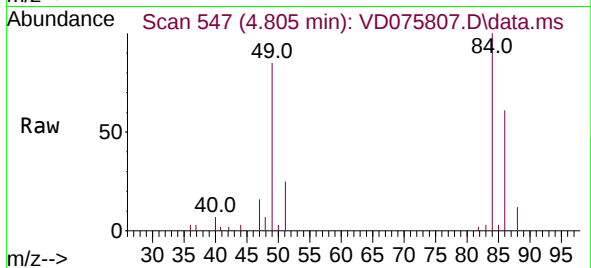
Tgt Ion: 43 Resp: 5664
 Ion Ratio Lower Upper
 43 100
 58 29.1 0.0 87.4



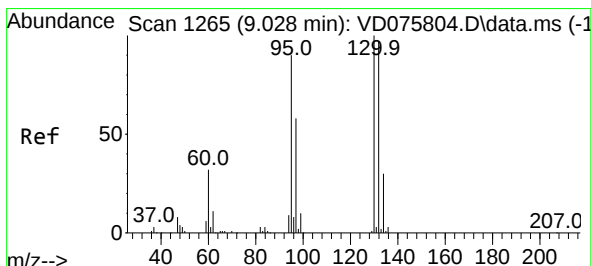
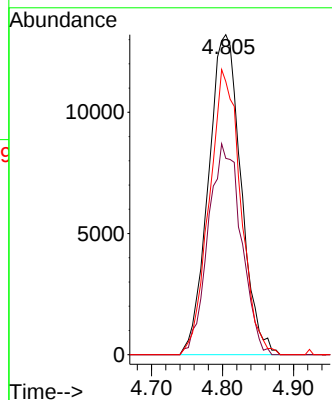
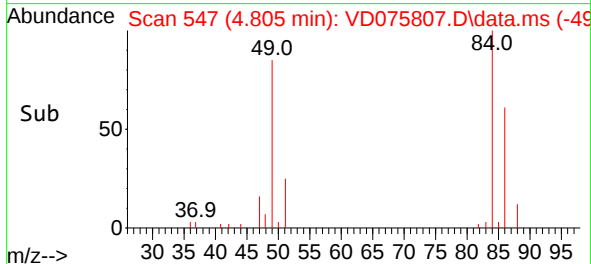


#16
Methylene chloride
Concen: 5.021 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD075807.D
Acq: 25 Apr 2023 13:07

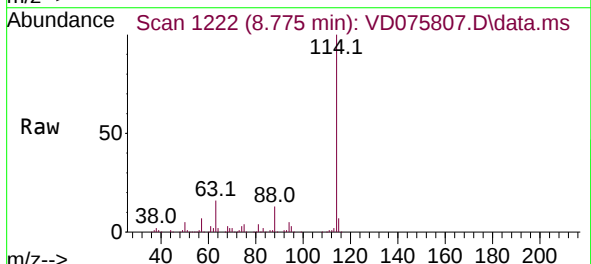
Instrument :
MSVOA_D
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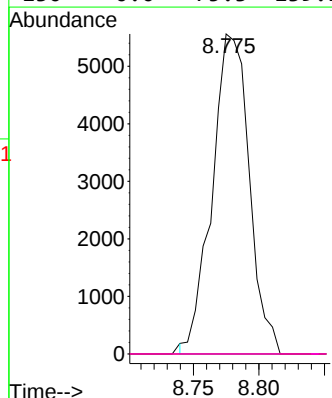
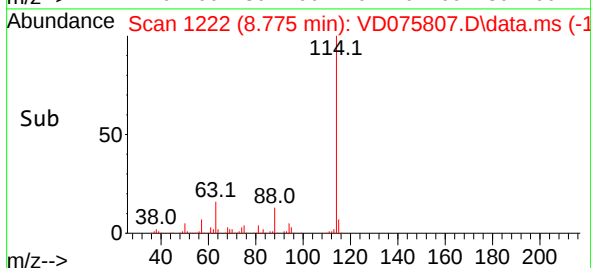
Tgt Ion: 84 Resp: 42089
Ion Ratio Lower Upper
84 100
86 61.3 45.8 85.2
49 85.4 60.8 112.8

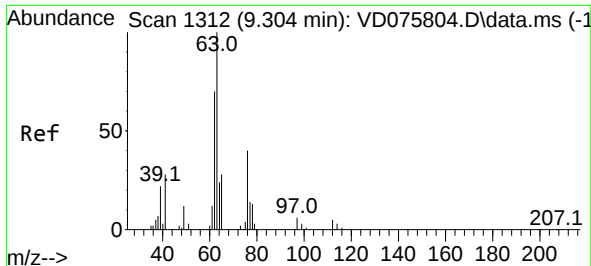


#34
Trichloroethene
Concen: 2.198 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD075807.D
Acq: 25 Apr 2023 13:07



Tgt Ion: 95 Resp: 10930
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#

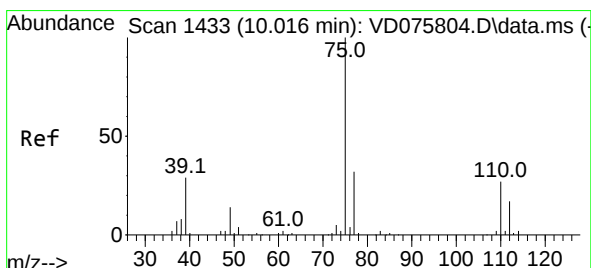
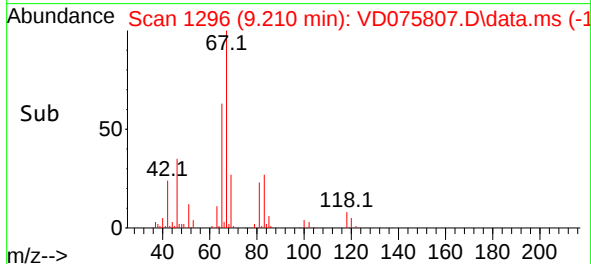
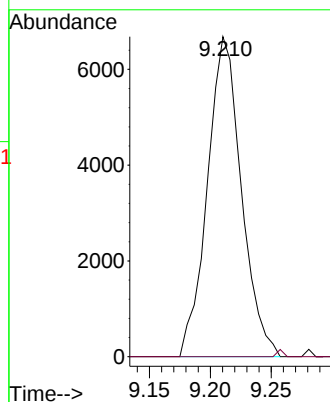
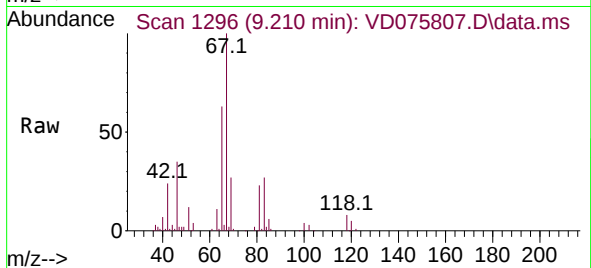




#37
1,2-Dichloropropane
Concen: 2.938 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD075807.D
Acq: 25 Apr 2023 13:07

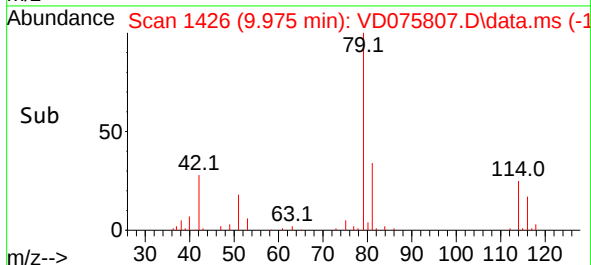
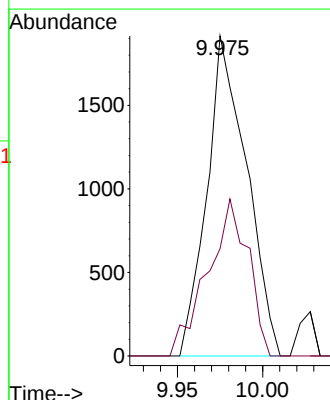
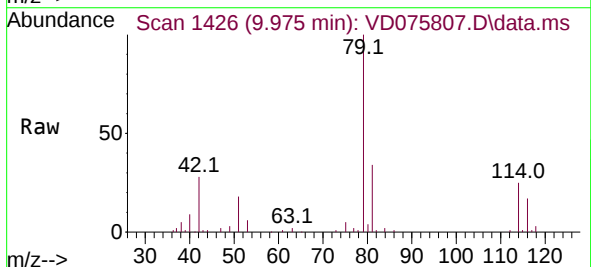
Instrument :
MSVOA_D
ClientSampleId :

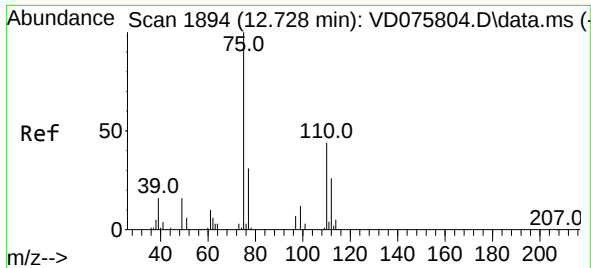
Tgt Ion: 63 Resp: 12976
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.442 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD075807.D
Acq: 25 Apr 2023 13:07

Tgt Ion: 75 Resp: 3103
Ion Ratio Lower Upper
75 100
77 33.5 23.4 43.6





#61

1,2,3-Trichloropropane

Concen: 7.849 ug/L

RT: 13.516 min Scan# 20

Delta R.T. 0.788 min

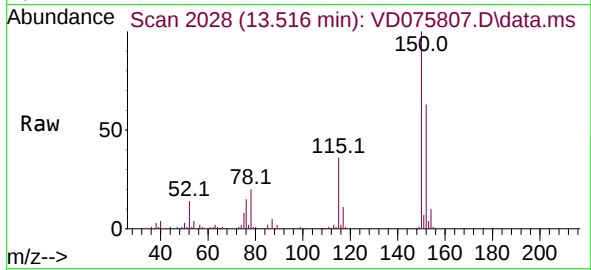
Lab File: VD075807.D

Acq: 25 Apr 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75 Resp: 9278

Ion Ratio Lower Upper

75 100

77 26.1 26.6 39.8#

110 0.0 33.5 50.3#

