

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050323\
 Data File : VD075986.D
 Acq On : 03 May 2023 17:27
 Operator : KP/SY
 Sample : 02593-08
 Misc : 5.18G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCJ2

Quant Time: May 04 03:09:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 02:54:49 2023
 Response via : Initial Calibration

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

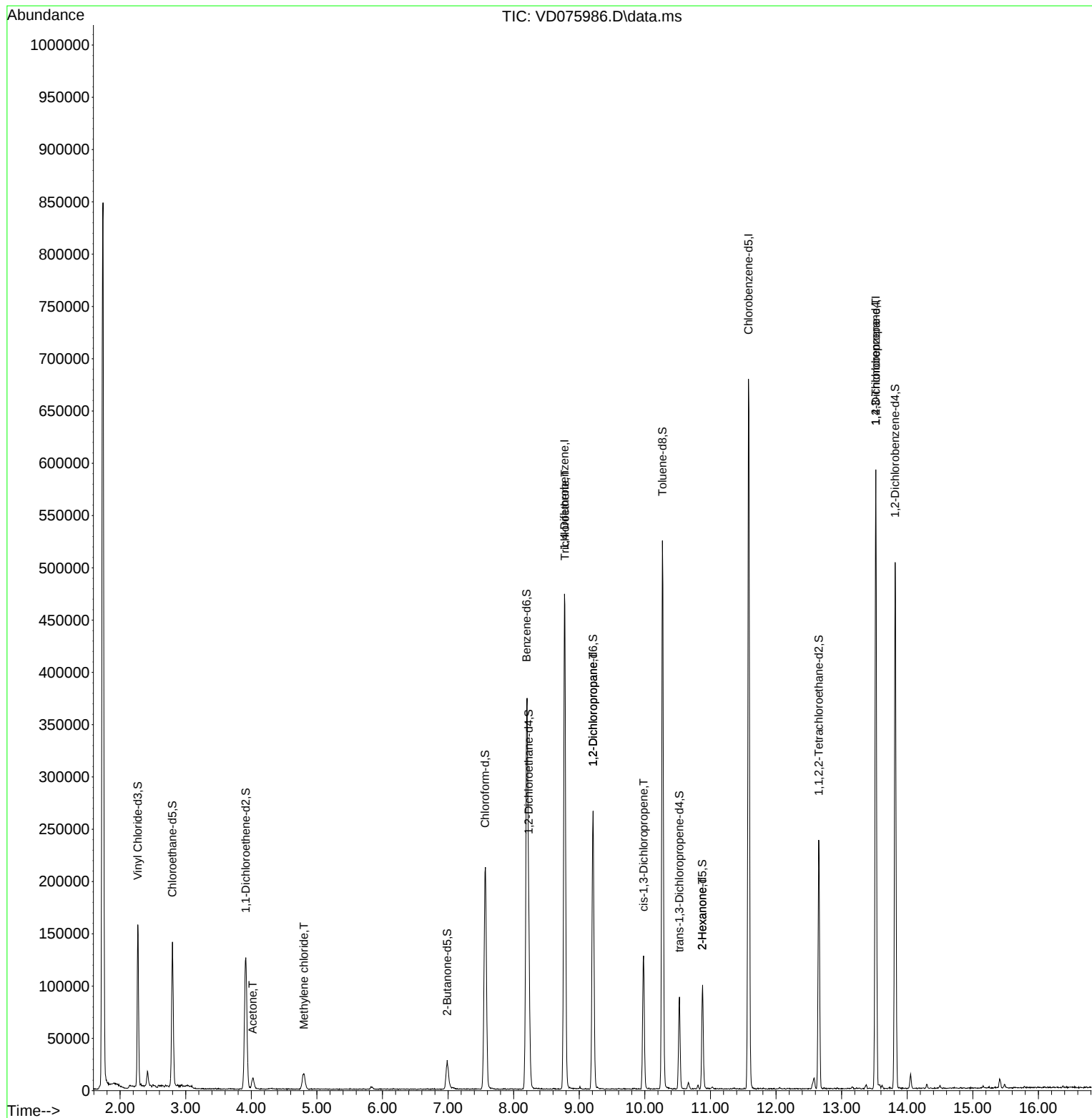
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	463449	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	431743	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	172095	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	146472	14.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.640%
7) Chloroethane-d5	2.799	69	145071	16.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.040%
11) 1,1-Dichloroethene-d2	3.916	65	35150	14.996	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.000%
21) 2-Butanone-d5	6.987	46	42952	48.665	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.320%
24) Chloroform-d	7.563	84	231561	19.981	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.920%
26) 1,2-Dichloroethane-d4	8.228	65	101890	20.587	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.360%
32) Benzene-d6	8.198	84	427542	16.990	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.960%
36) 1,2-Dichloropropane-d6	9.210	67	142943	20.523	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.080%
41) Toluene-d8	10.269	98	385269	16.354	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.400%
43) trans-1,3-Dichloroprop...	10.528	79	50446	17.522	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.080%
47) 2-Hexanone-d5	10.875	63	34874	41.584	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.160%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	123018	23.081	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	149152	24.503	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	17752	23.503	ug/L	94
16) Methylene chloride	4.804	84	13420	1.427	ug/L	96
34) Trichloroethene	8.781	95	12081	1.789	ug/L #	2
37) 1,2-Dichloropropane	9.210	63	14101	2.351	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	3410	0.357	ug/L	85
48) 2-Hexanone	10.875	43	1931	1.252	ug/L #	62
61) 1,2,3-Trichloropropane	13.522	75	18629	6.891	ug/L #	63

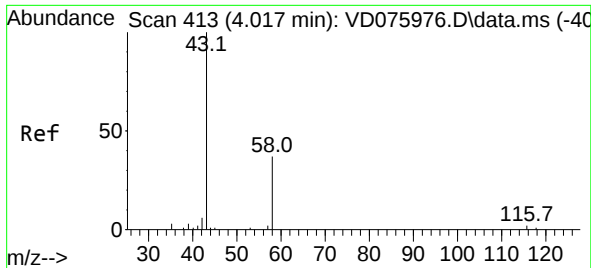
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu May 04 02:54:49 2023
Response via : Initial Calibration





#13

Acetone

Concen: 23.503 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD075986.D

Acq: 03 May 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

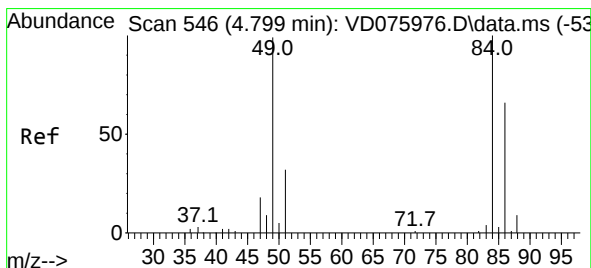
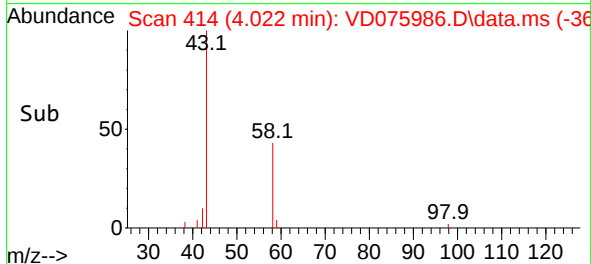
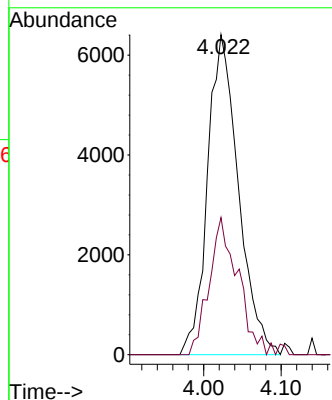
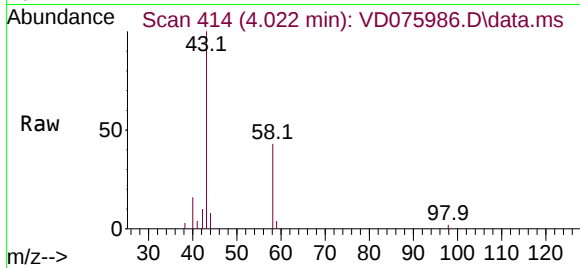
DCCJ2

Tgt Ion: 43 Resp: 17752

Ion Ratio Lower Upper

43 100

58 39.6 0.0 87.4



#16

Methylene chloride

Concen: 1.427 ug/L

RT: 4.804 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD075986.D

Acq: 03 May 2023 17:27

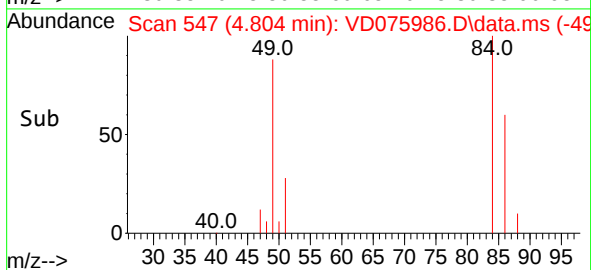
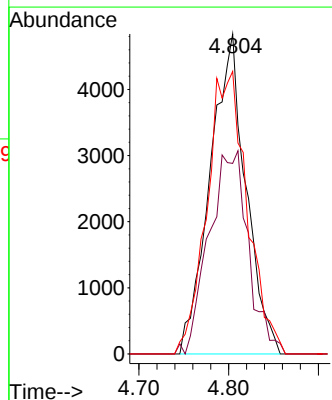
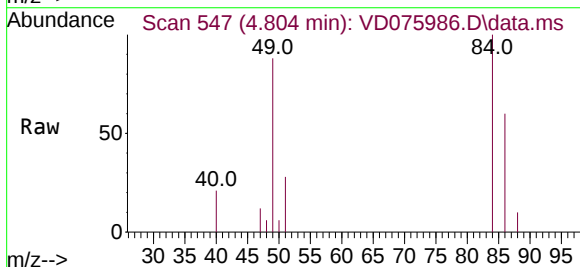
Tgt Ion: 84 Resp: 13420

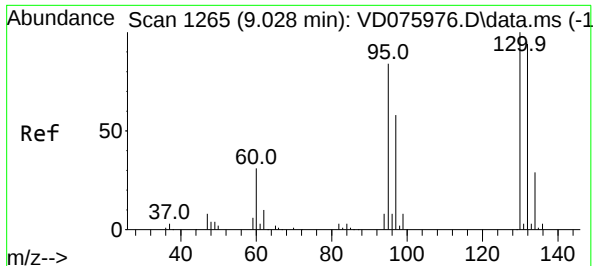
Ion Ratio Lower Upper

84 100

86 59.5 45.8 85.2

49 88.3 60.8 112.8

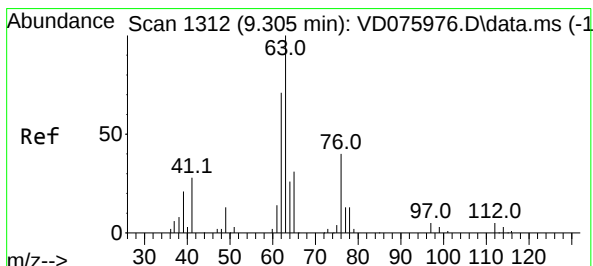
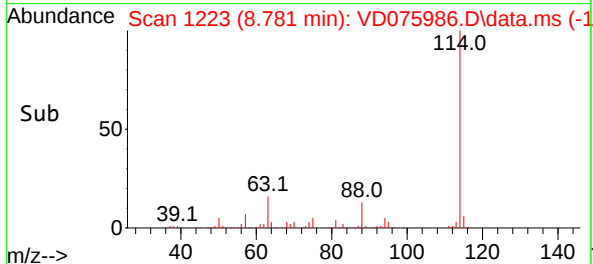
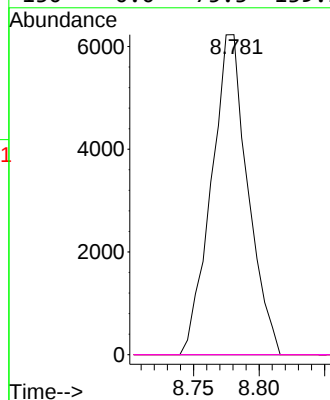
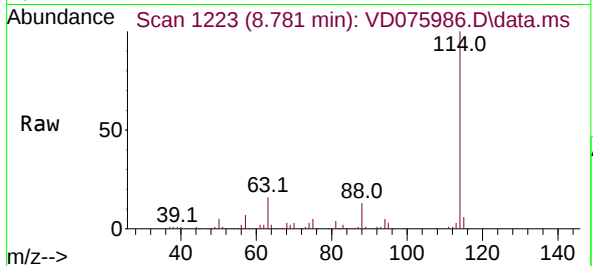




#34
Trichloroethene
Concen: 1.789 ug/L
RT: 8.781 min Scan# 12081
Delta R.T. -0.247 min
Lab File: VD075986.D
Acq: 03 May 2023 17:27

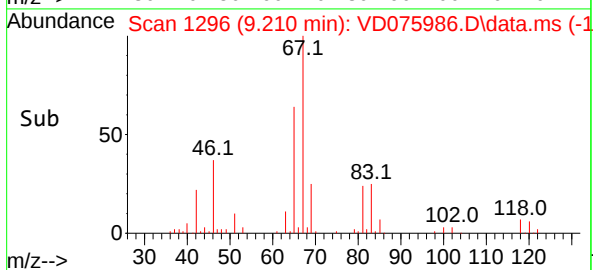
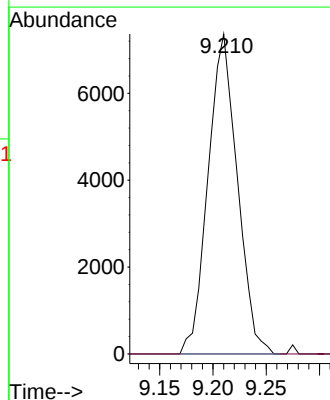
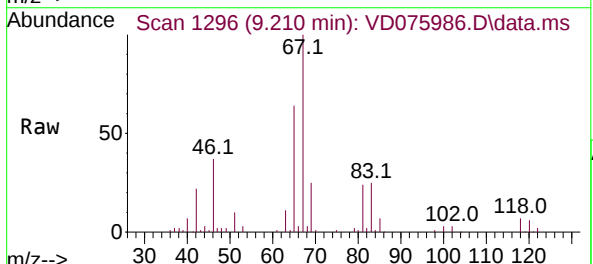
Instrument :
MSVOA_D
ClientSampleId :
DCCJ2

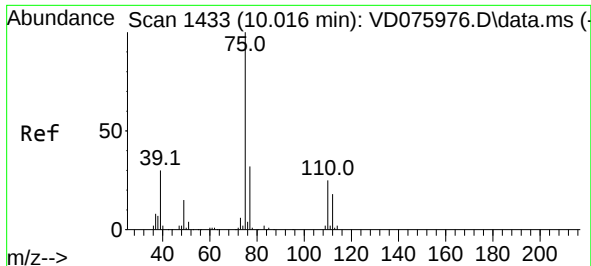
Tgt Ion: 95	Resp: 12081
Ion Ratio	Lower Upper
95	100
97	0.0 46.0 85.4#
132	0.0 73.3 136.1#
130	0.0 75.3 139.9#



#37
1,2-Dichloropropane
Concen: 2.351 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD075986.D
Acq: 03 May 2023 17:27

Tgt Ion: 63	Resp: 14101
Ion Ratio	Lower Upper
63	100
112	0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.357 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.036 min

Lab File: VD075986.D

Acq: 03 May 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

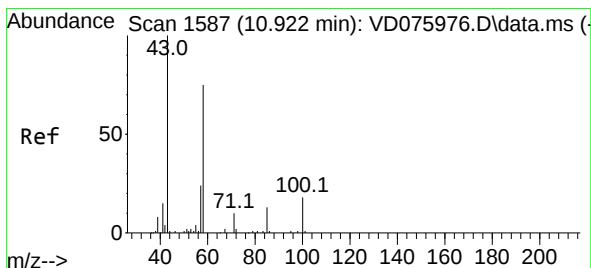
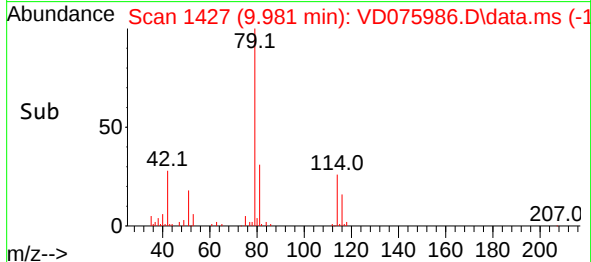
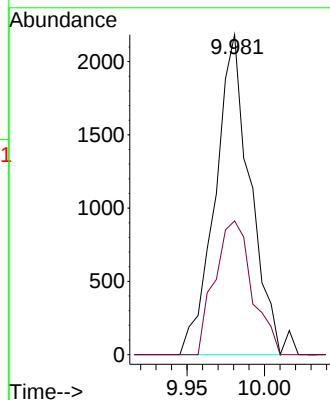
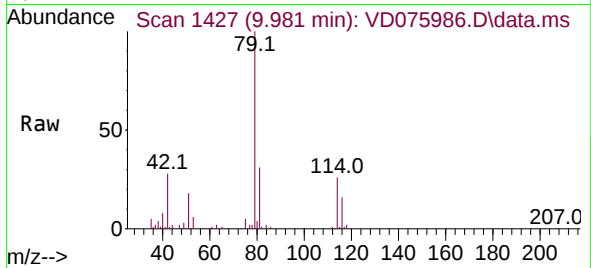
DCCJ2

Tgt Ion: 75 Resp: 3410

Ion Ratio Lower Upper

75 100

77 41.8 23.4 43.6



#48

2-Hexanone

Concen: 1.252 ug/L

RT: 10.875 min Scan# 1579

Delta R.T. -0.047 min

Lab File: VD075986.D

Acq: 03 May 2023 17:27

Tgt Ion: 43 Resp: 1931

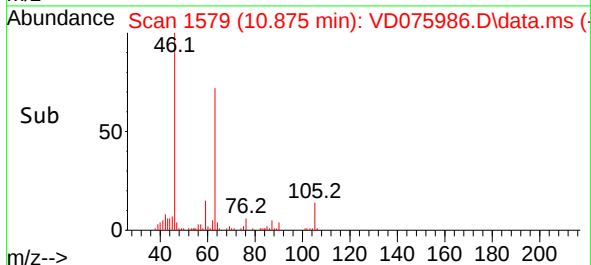
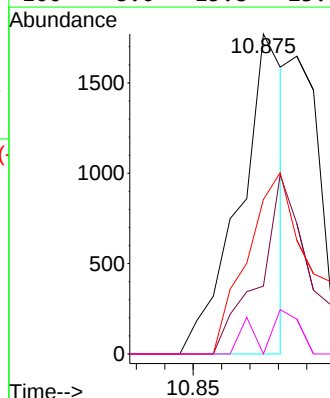
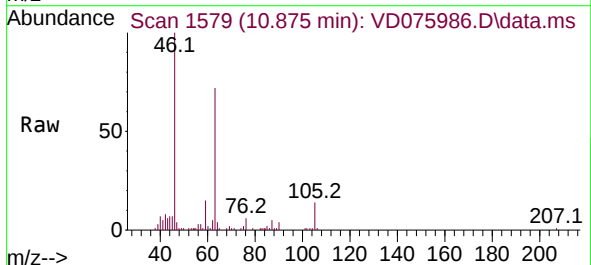
Ion Ratio Lower Upper

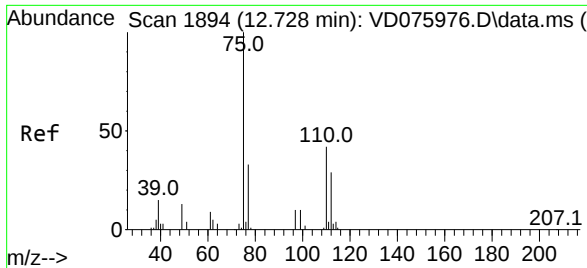
43 100

58 60.0 59.7 89.5

57 79.5 17.9 26.9#

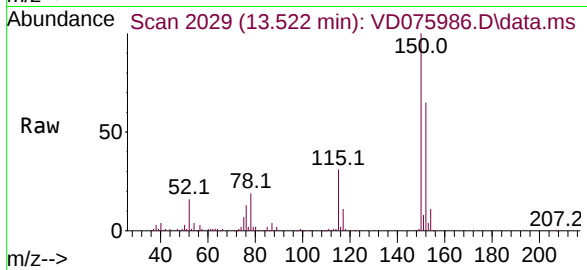
100 8.0 15.8 23.6#





#61
 1,2,3-Trichloropropane
 Concen: 6.891 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD075986.D
 Acq: 03 May 2023 17:27

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCJ2



Tgt Ion: 75 Resp: 18629
 Ion Ratio Lower Upper
 75 100
 77 30.5 26.6 39.8
 110 2.5 33.5 50.3#

