

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050423\
 Data File : VD076009.D
 Acq On : 04 May 2023 17:30
 Operator : KP/SY
 Sample : 02589-18
 Misc : 5.46G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 05 00:51:02 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)

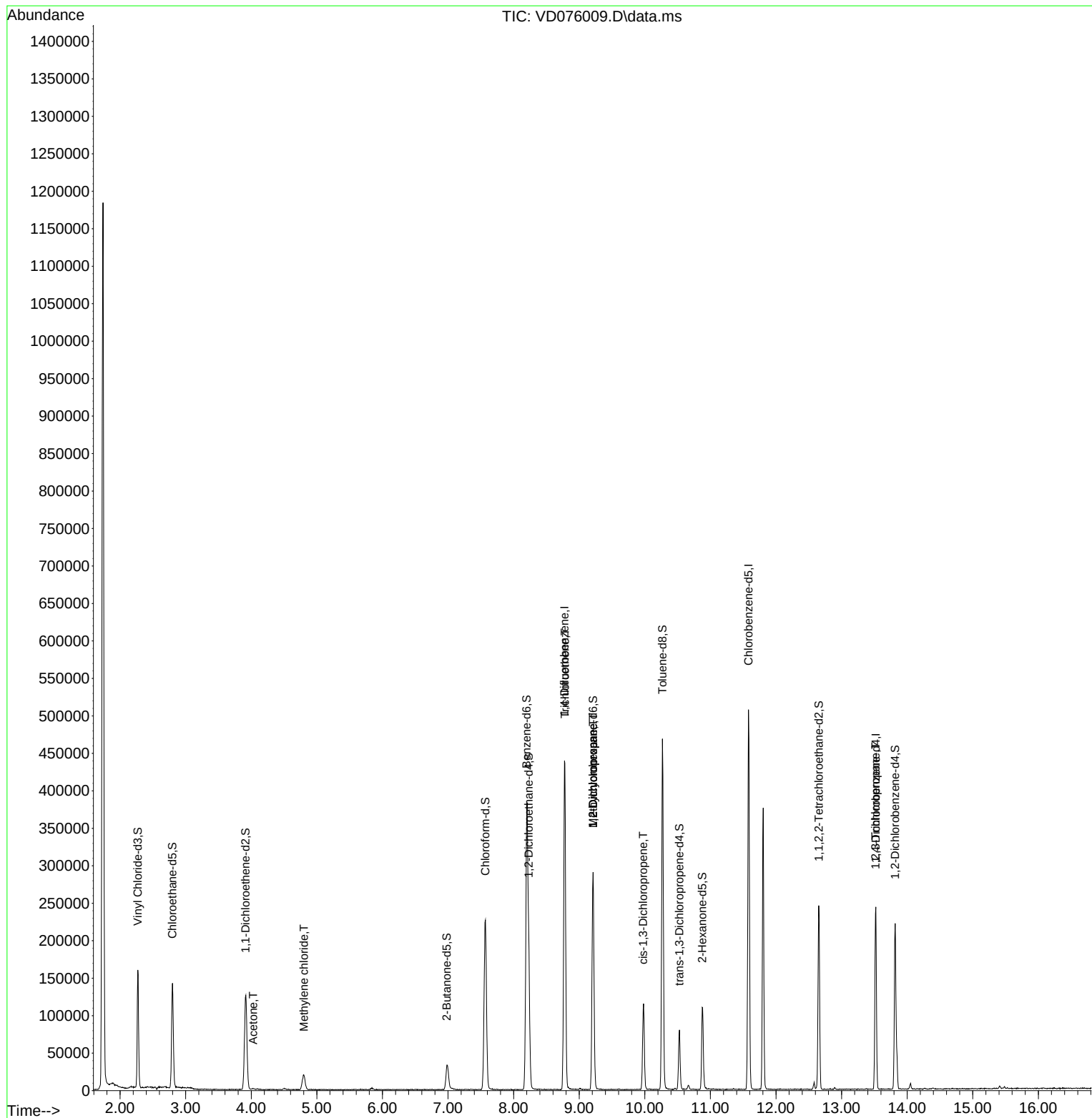
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	429717	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	320902	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	72973	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	149130	15.820	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.280%
7) Chloroethane-d5	2.799	69	152910	18.773	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.080%
11) 1,1-Dichloroethene-d2	3.911	65	35750	16.449	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.800%
21) 2-Butanone-d5	6.981	46	55966	68.387	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.780%#
24) Chloroform-d	7.569	84	248917	23.164	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.640%
26) 1,2-Dichloroethane-d4	8.228	65	113786	24.796	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	8.199	84	428090	22.888	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.560%
36) 1,2-Dichloropropane-d6	9.210	67	154519	29.847	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.400%
41) Toluene-d8	10.269	98	341704	19.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.040%
43) trans-1,3-Dichloroprop...	10.528	79	46754	21.849	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.400%
47) 2-Hexanone-d5	10.875	63	41321	66.290	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.580%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	132042	33.331	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.320%#
66) 1,2-Dichlorobenzene-d4	13.816	152	65478	25.368	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.480%
Target Compounds						Qvalue
13) Acetone	4.028	43	2078	2.967	ug/L	63
16) Methylene chloride	4.805	84	17969	2.061	ug/L	94
34) Trichloroethene	8.781	95	10967	2.185	ug/L #	2
35) Methylcyclohexane	9.210	83	37639	4.863	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	15335	3.439	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	3089	0.436	ug/L	94
61) 1,2,3-Trichloropropane	13.516	75	7887	6.880	ug/L #	62

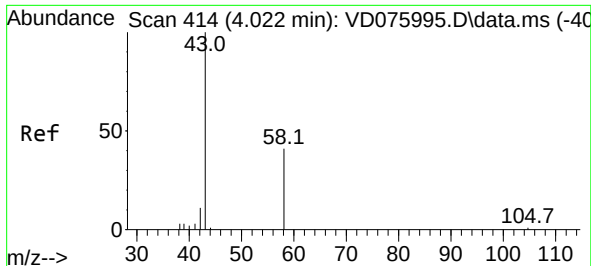
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri May 05 00:35:29 2023
Response via : Initial Calibration

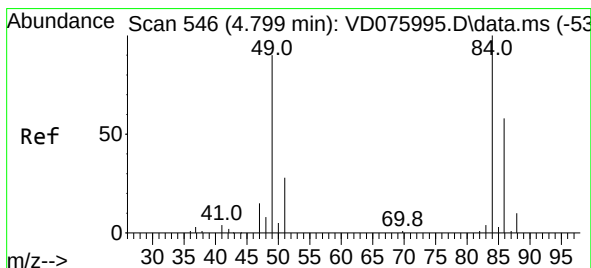
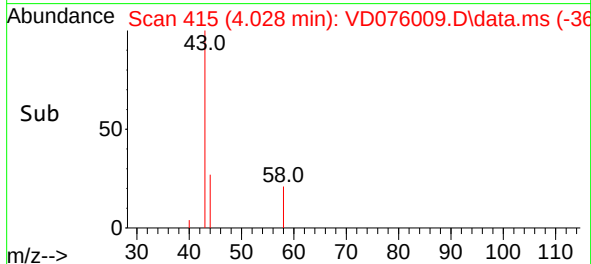
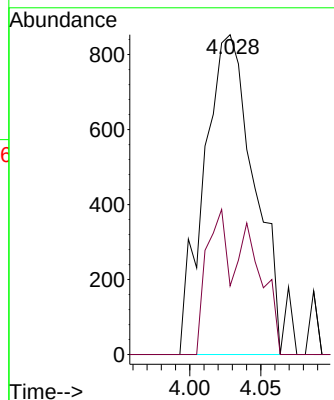
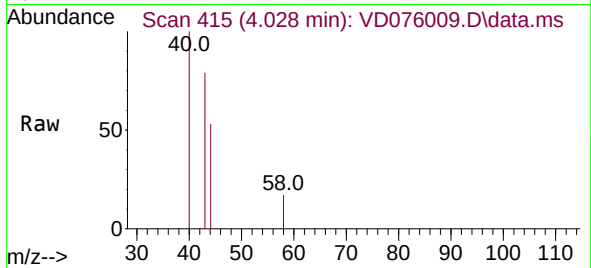




#13
Acetone
Concen: 2.967 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076009.D
Acq: 04 May 2023 17:30

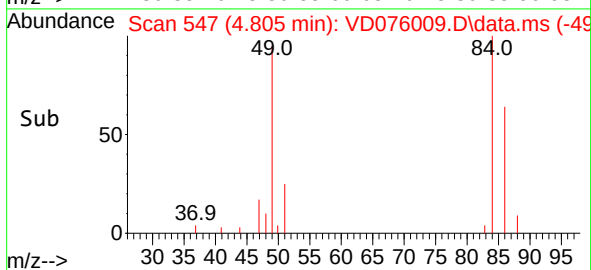
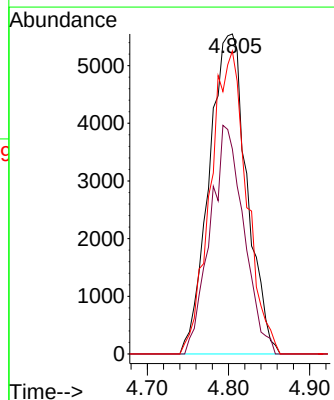
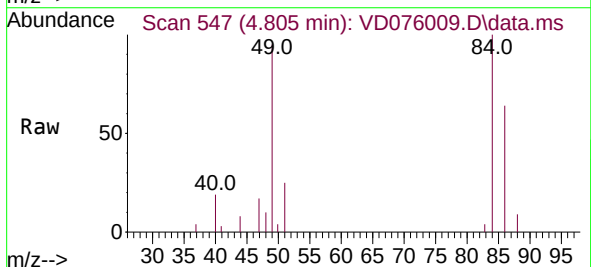
Instrument :
MSVOA_D
ClientSampleId :

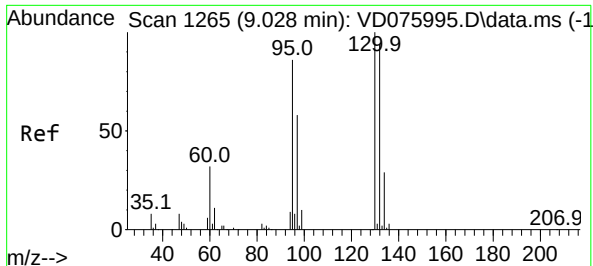
Tgt Ion: 43 Resp: 2078
Ion Ratio Lower Upper
43 100
58 19.9 0.0 87.4



#16
Methylene chloride
Concen: 2.061 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD076009.D
Acq: 04 May 2023 17:30

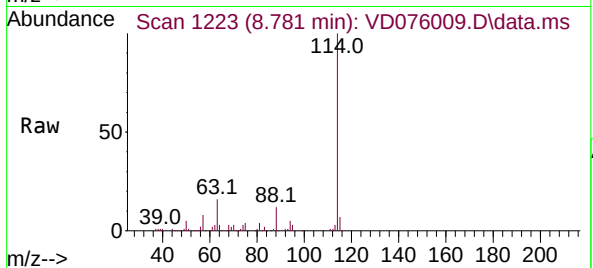
Tgt Ion: 84 Resp: 17969
Ion Ratio Lower Upper
84 100
86 64.0 45.8 85.2
49 94.6 60.8 112.8



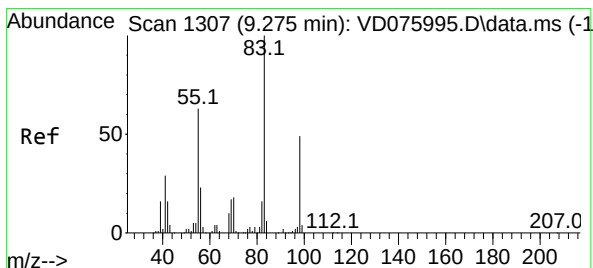
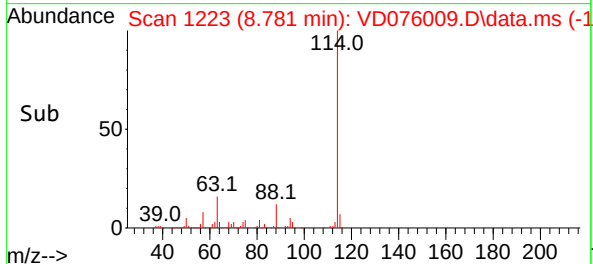
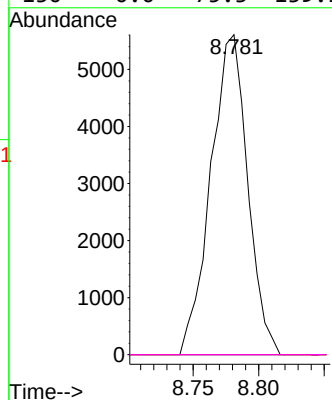


#34
Trichloroethene
Concen: 2.185 ug/L
RT: 8.781 min Scan# 11
Delta R.T. -0.247 min
Lab File: VD076009.D
Acq: 04 May 2023 17:30

Instrument :
MSVOA_D
ClientSampleId :

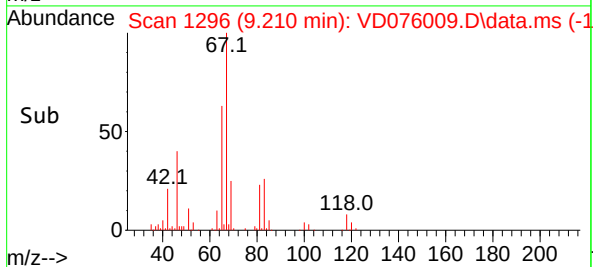
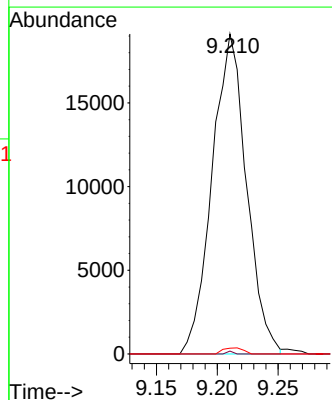
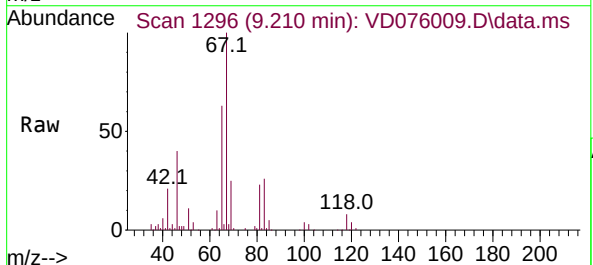


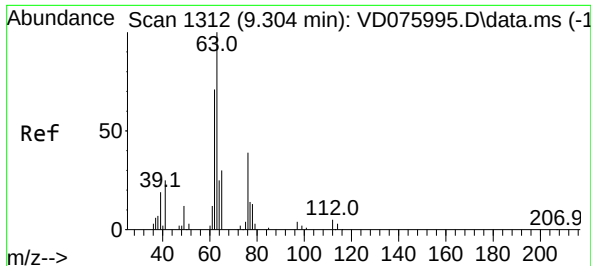
Tgt Ion: 95 Resp: 10967
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 73.3 136.1#
130 0.0 75.3 139.9#



#35
Methylcyclohexane
Concen: 4.863 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD076009.D
Acq: 04 May 2023 17:30

Tgt Ion: 83 Resp: 37639
Ion Ratio Lower Upper
83 100
55 0.0 48.2 72.2#
98 1.1 40.8 61.2#





#37

1,2-Dichloropropane

Concen: 3.439 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD076009.D

Acq: 04 May 2023 17:30

Instrument :

MSVOA_D

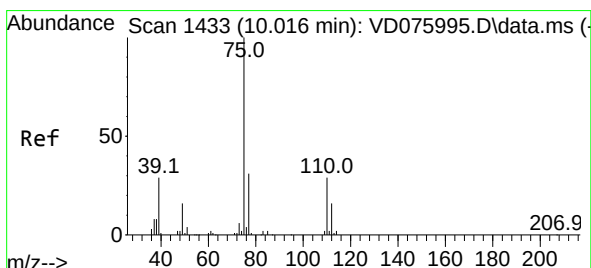
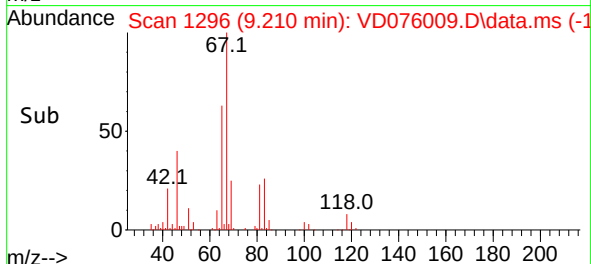
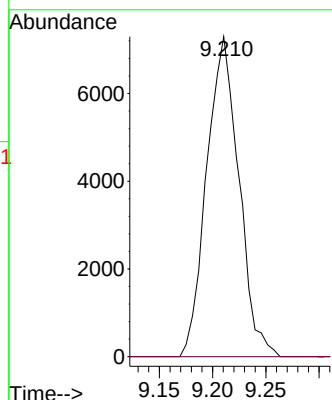
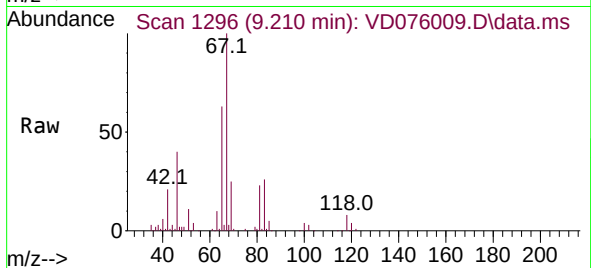
ClientSampleId :

Tgt Ion: 63 Resp: 15335

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.436 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD076009.D

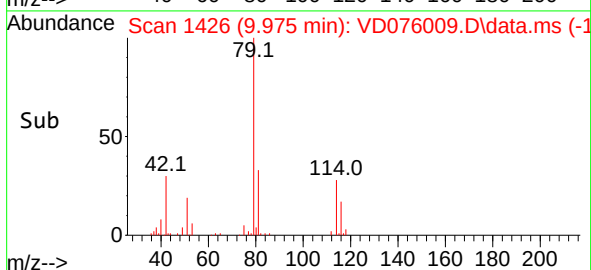
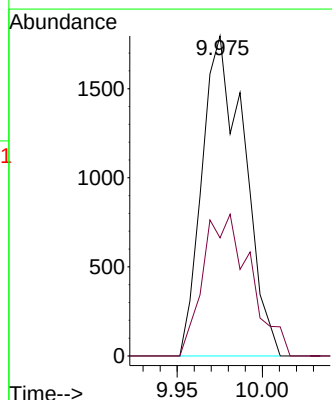
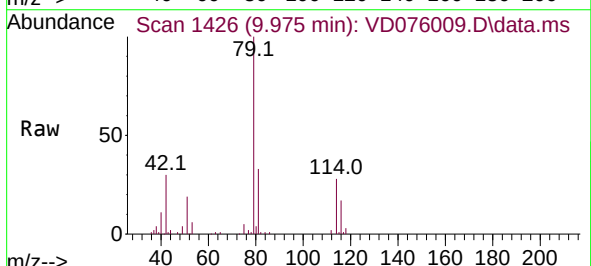
Acq: 04 May 2023 17:30

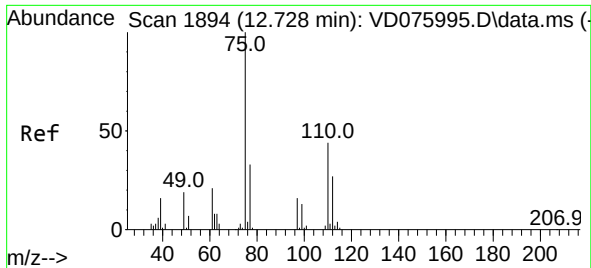
Tgt Ion: 75 Resp: 3089

Ion Ratio Lower Upper

75 100

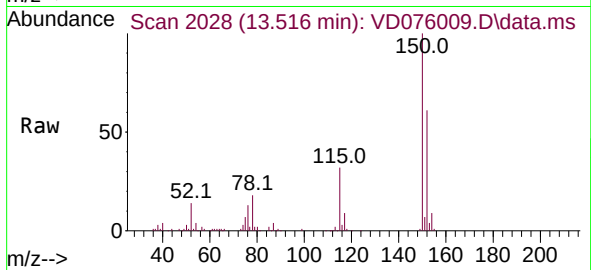
77 36.9 23.4 43.6





#61
 1,2,3-Trichloropropane
 Concen: 6.880 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD076009.D
 Acq: 04 May 2023 17:30

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	7887
Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.6	39.8
110	0.0	33.5	50.3

