

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
 Data File : VD076033.D
 Acq On : 08 May 2023 12:05
 Operator : KP/SY
 Sample : 02591-21
 Misc : 4.23G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREJ6

Quant Time: May 09 02:36:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 06 00:21:26 2023
 Response via : Initial Calibration

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

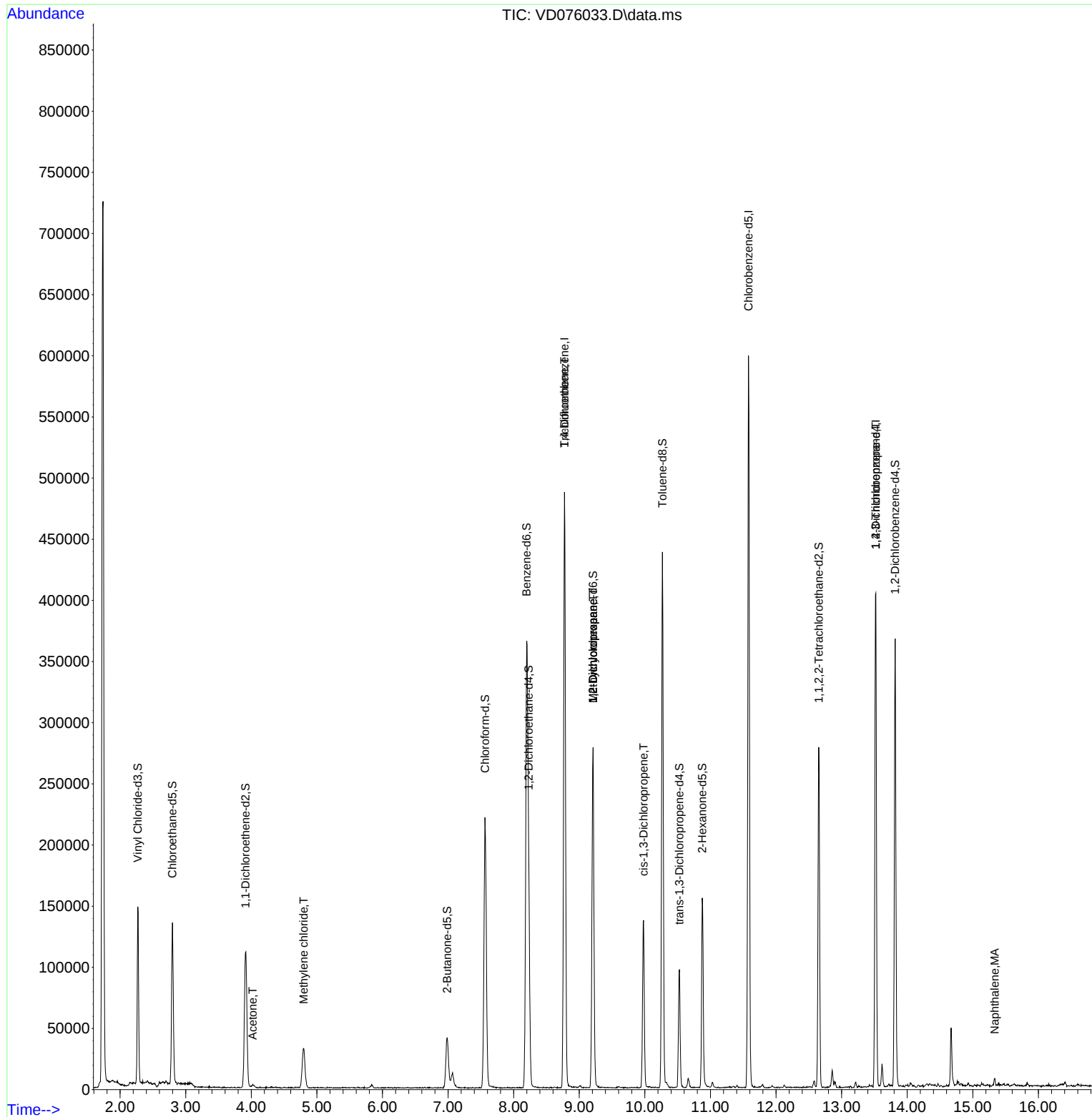
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	473296	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	380908	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	124695	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	135786	13.078	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.320%
7) Chloroethane-d5	2.799	69	142624	15.898	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.600%
11) 1,1-Dichloroethene-d2	3.911	65	31138	13.008	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.040%
21) 2-Butanone-d5	6.987	46	70906	78.665	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.340%#
24) Chloroform-d	7.563	84	240226	20.297	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	8.228	65	114443	22.643	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.560%
32) Benzene-d6	8.199	84	413386	18.620	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.480%
36) 1,2-Dichloropropane-d6	9.210	67	146855	23.898	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.600%
41) Toluene-d8	10.269	98	320855	15.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.760%
43) trans-1,3-Dichloroprop...	10.528	79	57497	22.637	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.560%
47) 2-Hexanone-d5	10.875	63	58631	79.242	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.480%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	149742	31.845	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.360%#
66) 1,2-Dichlorobenzene-d4	13.816	152	104328	23.654	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	3009	3.901	ug/L	89
16) Methylene chloride	4.799	84	27593	2.874	ug/L	91
34) Trichloroethene	8.775	95	12056	2.023	ug/L #	2
35) Methylcyclohexane	9.210	83	35168	3.828	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	14701	2.778	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	3004	0.357	ug/L #	43
61) 1,2,3-Trichloropropane	13.522	75	13377	6.829	ug/L #	64
71) Naphthalene	15.333	128	6237	0.776	ug/L #	89

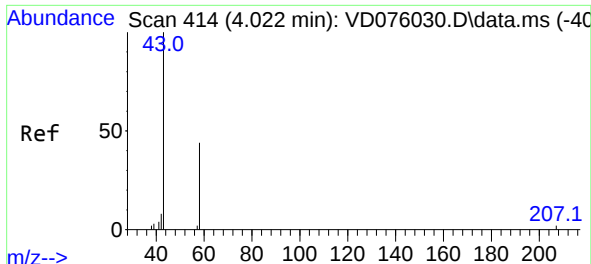
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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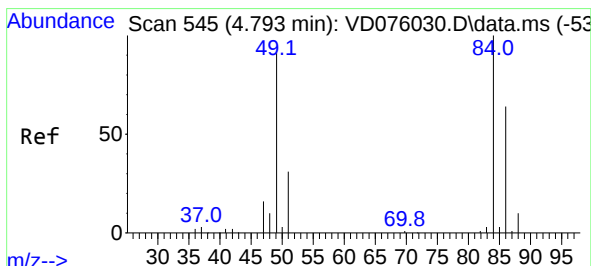
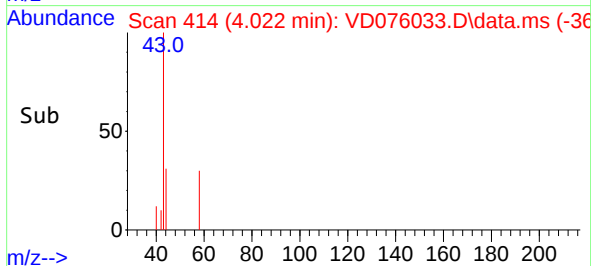
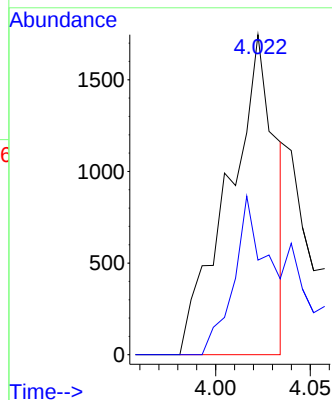
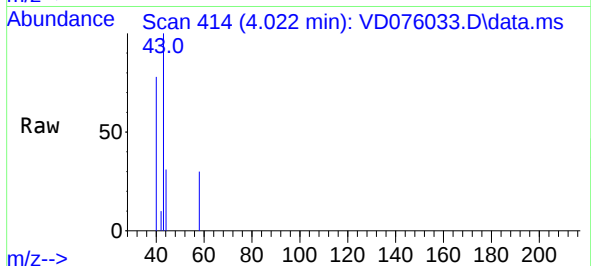




#13
Acetone
Concen: 3.901 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076033.D
Acq: 08 May 2023 12:05

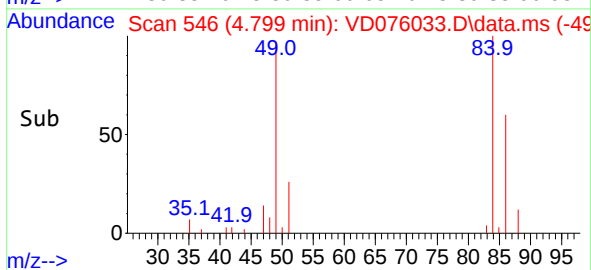
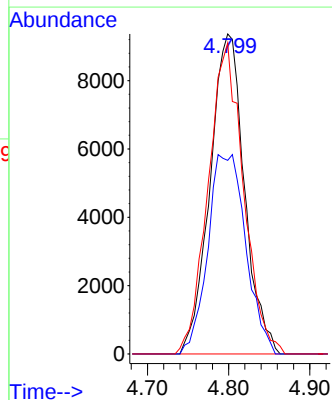
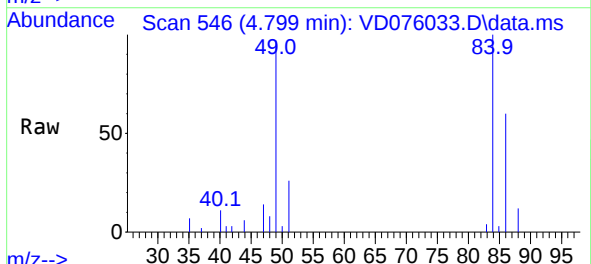
Instrument :
MSVOA_D
ClientSampleId :
JREJ6

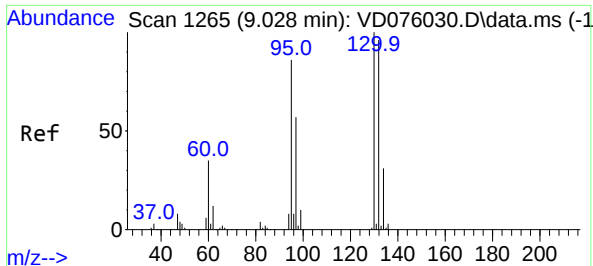
Tgt Ion: 43 Resp: 3009
Ion Ratio Lower Upper
43 100
58 36.5 0.0 87.4



#16
Methylene chloride
Concen: 2.874 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076033.D
Acq: 08 May 2023 12:05

Tgt Ion: 84 Resp: 27593
Ion Ratio Lower Upper
84 100
86 60.5 45.8 85.2
49 97.2 60.8 112.8

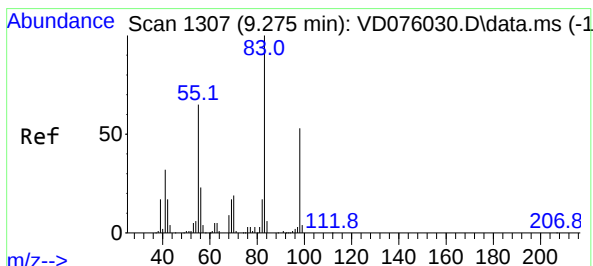
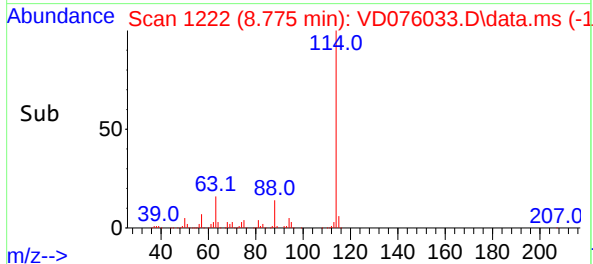
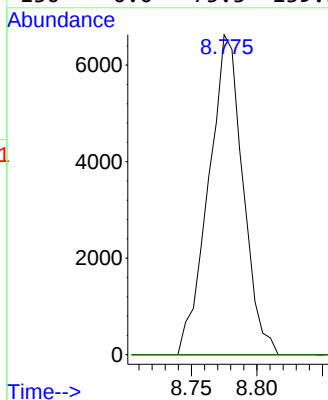
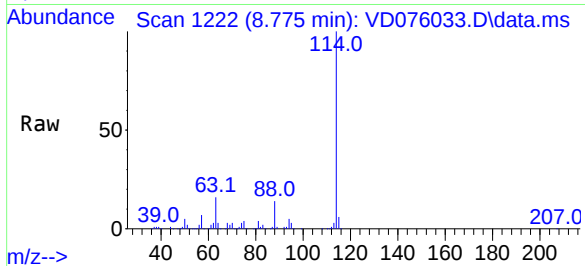




#34
Trichloroethene
Concen: 2.023 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD076033.D
Acq: 08 May 2023 12:05

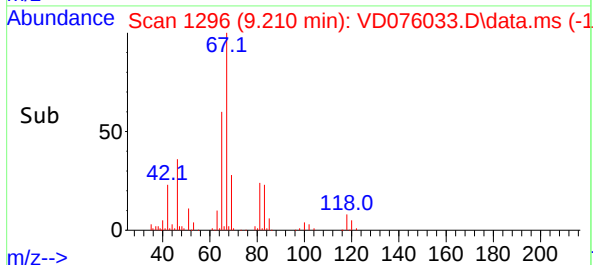
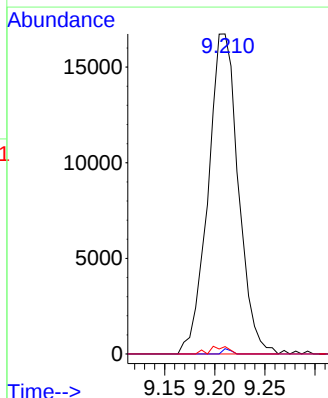
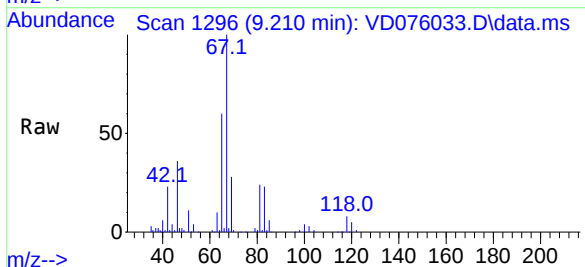
Instrument :
MSVOA_D
ClientSampleId :
JREJ6

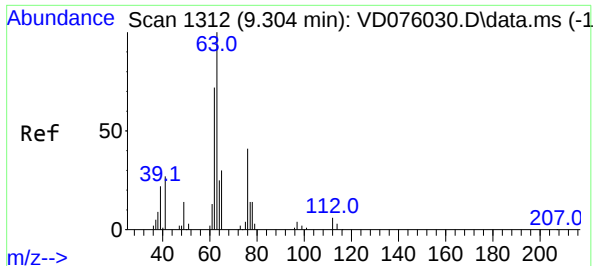
Tgt Ion:	95	Resp:	12056
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#



#35
Methylcyclohexane
Concen: 3.828 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.064 min
Lab File: VD076033.D
Acq: 08 May 2023 12:05

Tgt Ion:	83	Resp:	35168
Ion	Ratio	Lower	Upper
83	100		
55	0.4	48.2	72.2#
98	1.2	40.8	61.2#

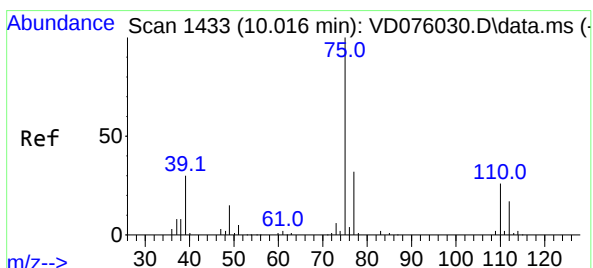
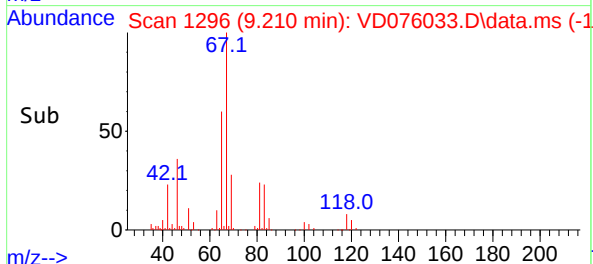
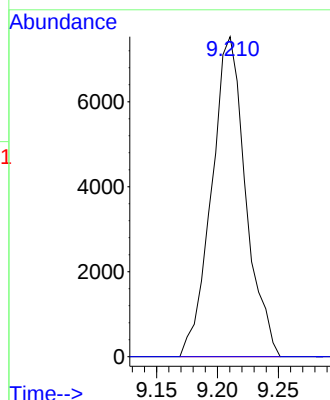
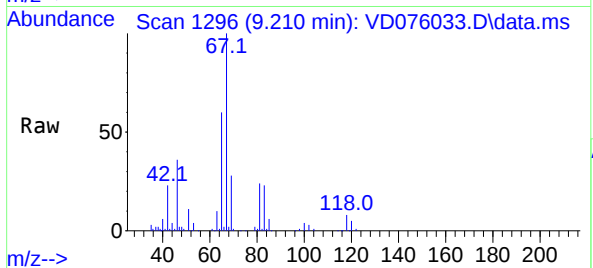




#37
1,2-Dichloropropane
Concen: 2.778 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076033.D
Acq: 08 May 2023 12:05

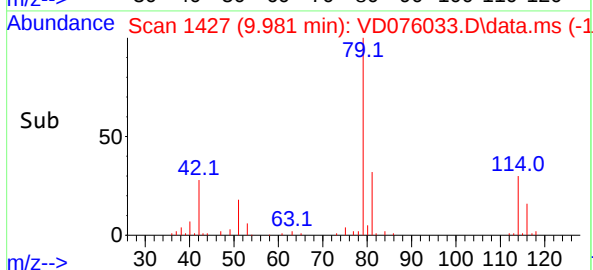
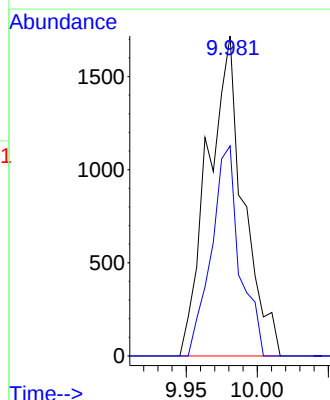
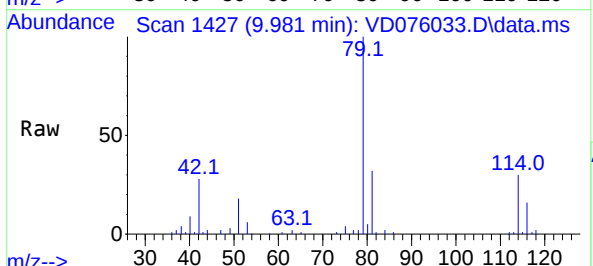
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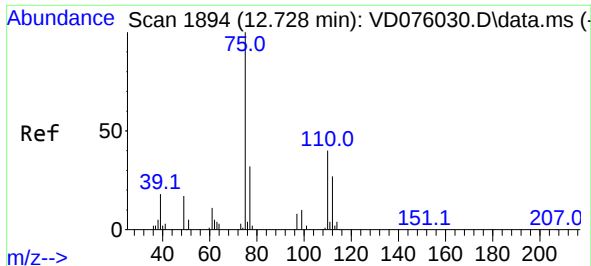
Tgt Ion: 63 Resp: 14701
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.357 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD076033.D
Acq: 08 May 2023 12:05

Tgt Ion: 75 Resp: 3004
Ion Ratio Lower Upper
75 100
77 65.7 23.4 43.6#





#61

1,2,3-Trichloropropane

Concen: 6.829 ug/L

RT: 13.522 min Scan# 20

Delta R.T. 0.794 min

Lab File: VD076033.D

Acq: 08 May 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

JREJ6

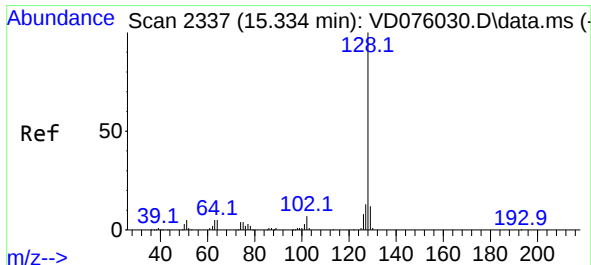
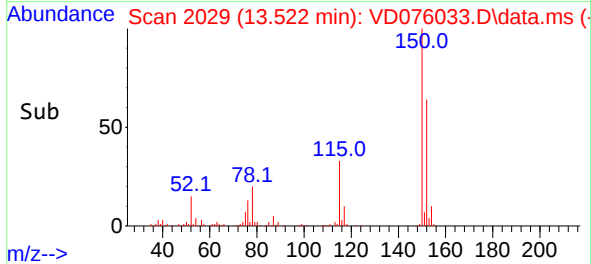
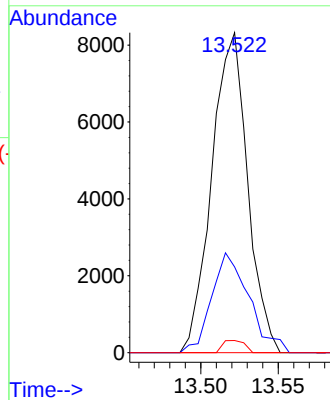
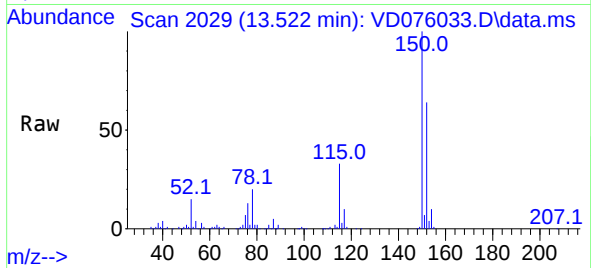
Tgt Ion: 75 Resp: 13377

Ion Ratio Lower Upper

75 100

77 31.7 26.6 39.8

110 2.3 33.5 50.3#



#71

Naphthalene

Concen: 0.776 ug/L

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD076033.D

Acq: 08 May 2023 12:05

Tgt Ion:128 Resp: 6237

Ion Ratio Lower Upper

128 100

127 8.7 10.5 15.7#

129 6.8 9.1 13.7#

