

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050523\
 Data File : VD076027.D
 Acq On : 05 May 2023 16:02
 Operator : KP/SY
 Sample : 02589-09
 Misc : 4.97G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREC6RE

Quant Time: May 06 00:24:31 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)

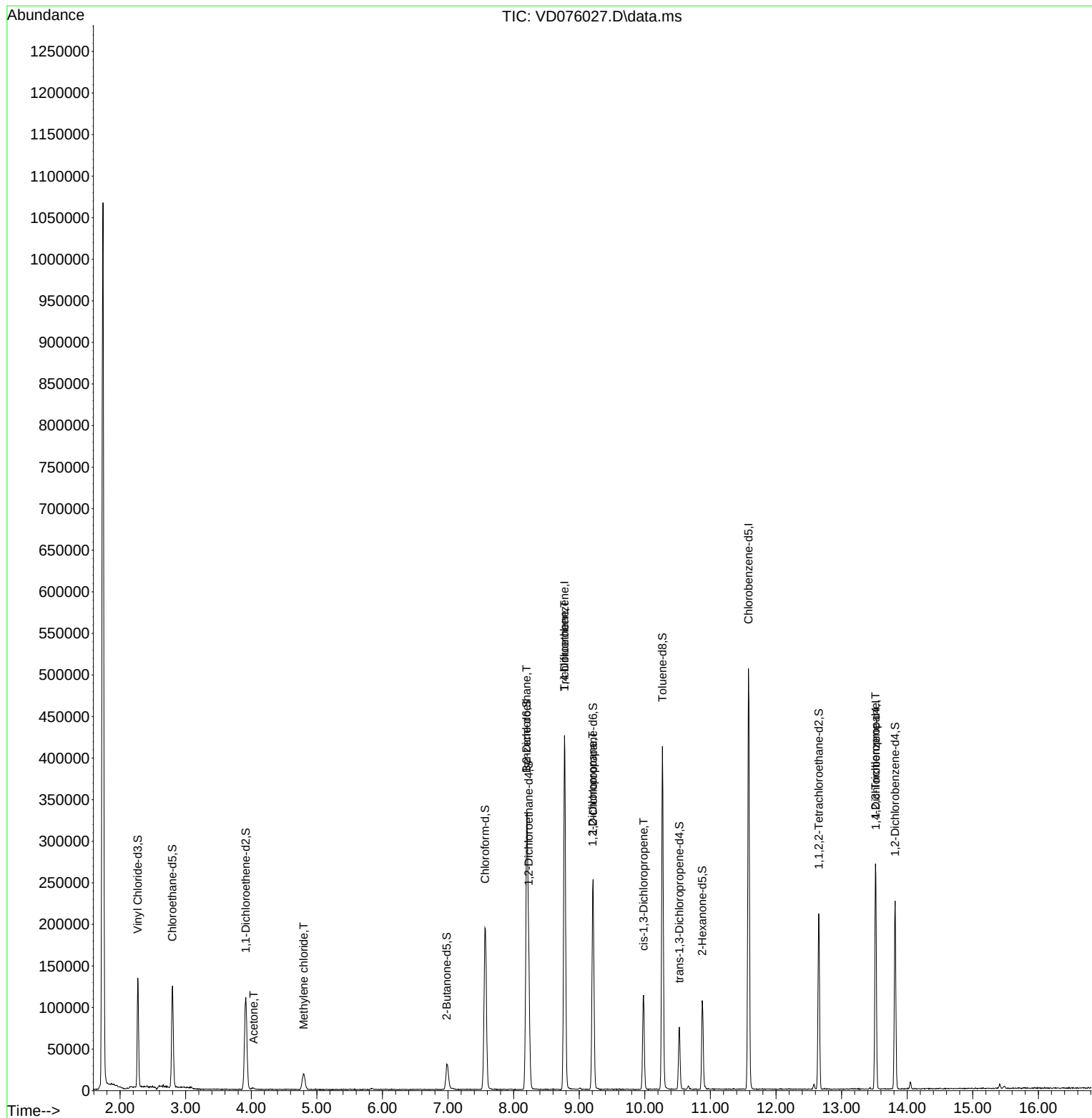
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	411596	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	320567	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	82036	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	125619	13.912	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.640%
7) Chloroethane-d5	2.799	69	133826	17.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	3.917	65	32243	15.489	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.960%
21) 2-Butanone-d5	6.981	46	51817	66.105	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.200%
24) Chloroform-d	7.563	84	218293	21.209	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.840%
26) 1,2-Dichloroethane-d4	8.228	65	99745	22.693	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.760%
32) Benzene-d6	8.199	84	375033	20.072	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.280%
36) 1,2-Dichloropropane-d6	9.210	67	133375	25.790	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.160%
41) Toluene-d8	10.269	98	295471	16.892	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.560%
43) trans-1,3-Dichloroprop...	10.528	79	45616	21.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.360%
47) 2-Hexanone-d5	10.875	63	38390	61.652	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.300%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	111778	28.245	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	67066	23.113	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.440%
Target Compounds						
					Qvalue	
13) Acetone	4.034	43	1195	1.781	ug/L	55
16) Methylene chloride	4.799	84	10912	1.307	ug/L	86
27) 1,2-Dichloroethane	8.199	62	1735	0.337	ug/L #	68
34) Trichloroethene	8.775	95	9908	1.976	ug/L #	2
37) 1,2-Dichloropropane	9.205	63	13168	2.956	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	2778	0.392	ug/L #	65
61) 1,2,3-Trichloropropane	13.516	75	9341	7.248	ug/L #	57

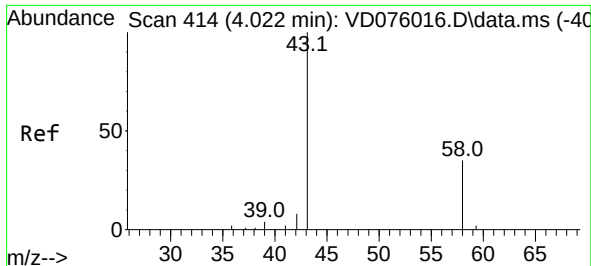
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat May 06 00:21:26 2023
Response via : Initial Calibration





#13

Acetone

Concen: 1.781 ug/L

RT: 4.034 min Scan# 414

Delta R.T. 0.012 min

Lab File: VD076027.D

Acq: 05 May 2023 16:02

Instrument :

MSVOA_D

ClientSampleId :

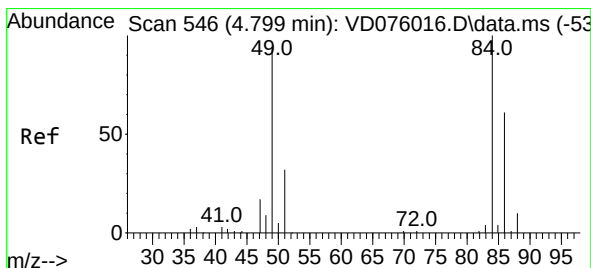
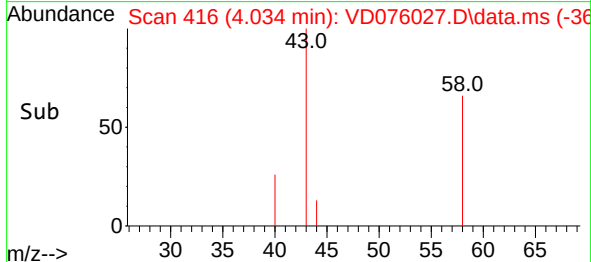
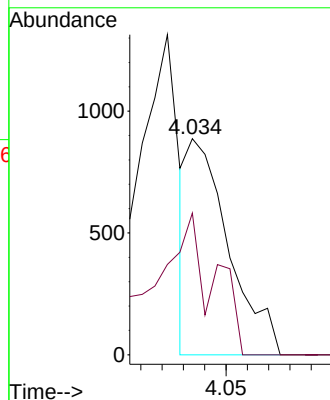
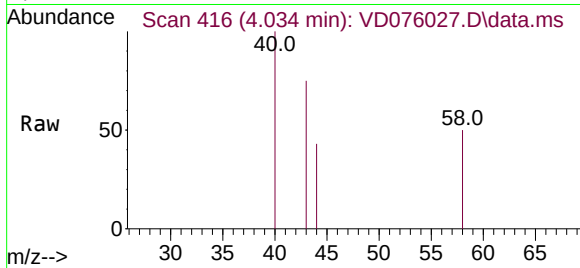
JREC6RE

Tgt Ion: 43 Resp: 1195

Ion Ratio Lower Upper

43 100

58 72.6 0.0 87.4



#16

Methylene chloride

Concen: 1.307 ug/L

RT: 4.799 min Scan# 546

Delta R.T. 0.000 min

Lab File: VD076027.D

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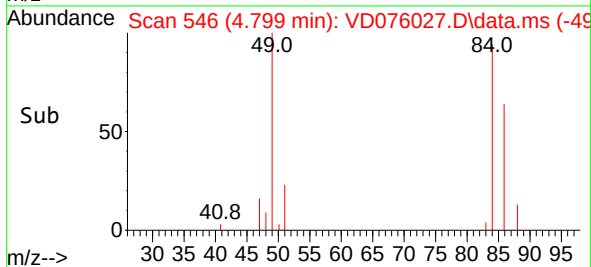
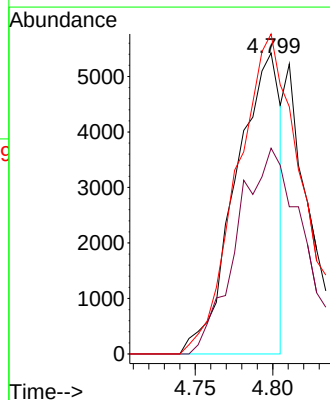
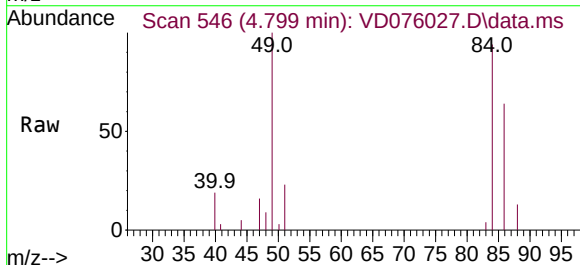
Tgt Ion: 84 Resp: 10912

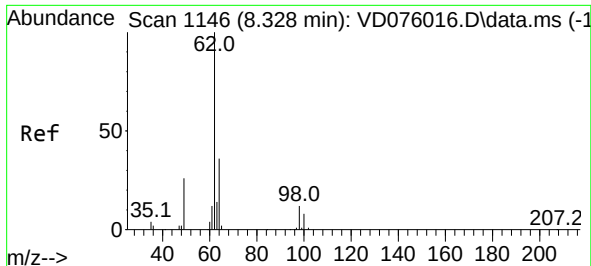
Ion Ratio Lower Upper

84 100

86 68.4 45.8 85.2

49 106.4 60.8 112.8





#27

1,2-Dichloroethane

Concen: 0.337 ug/L

RT: 8.199 min Scan# 1124

Delta R.T. -0.129 min

Lab File: VD076027.D

Acq: 05 May 2023 16:02

Instrument :

MSVOA_D

ClientSampleId :

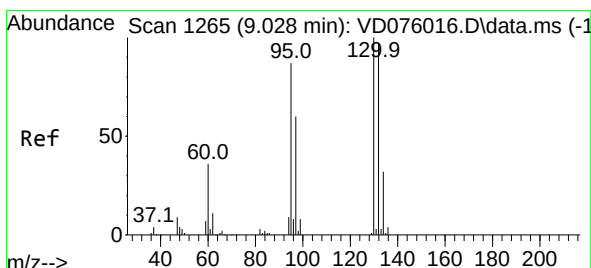
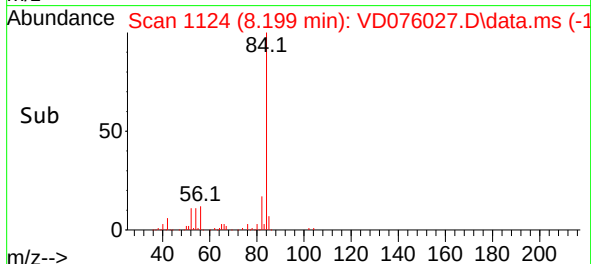
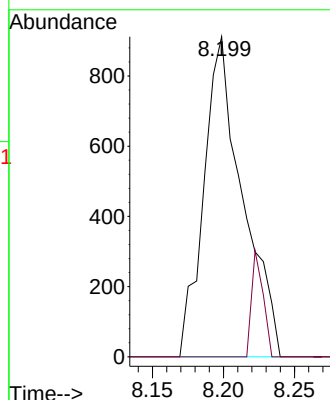
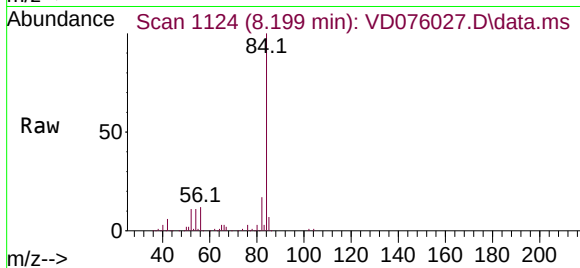
JREC6RE

Tgt Ion: 62 Resp: 1735

Ion Ratio Lower Upper

62 100

98 0.0 10.2 15.2#



#34

Trichloroethene

Concen: 1.976 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD076027.D

Acq: 05 May 2023 16:02

Tgt Ion: 95 Resp: 9908

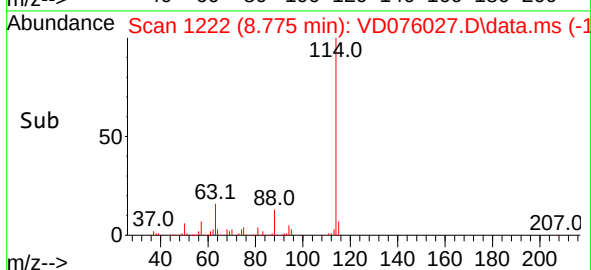
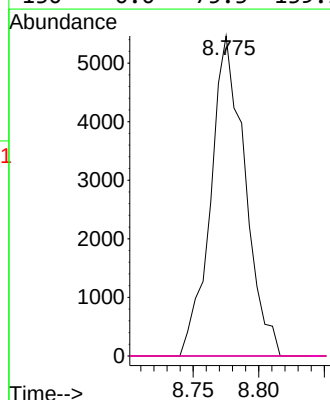
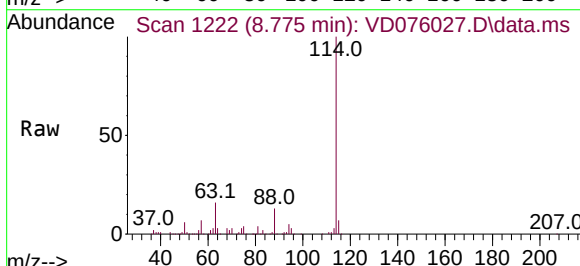
Ion Ratio Lower Upper

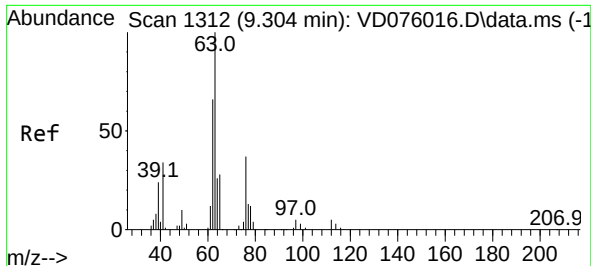
95 100

97 0.0 46.0 85.4#

132 0.0 73.3 136.1#

130 0.0 75.3 139.9#

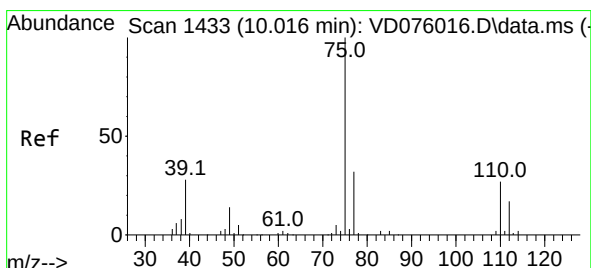
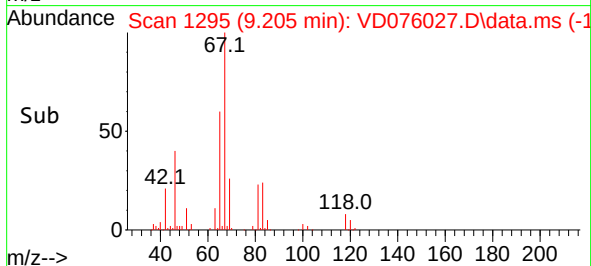
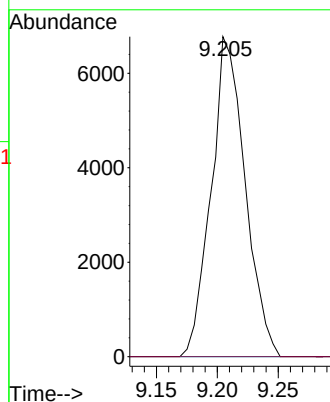
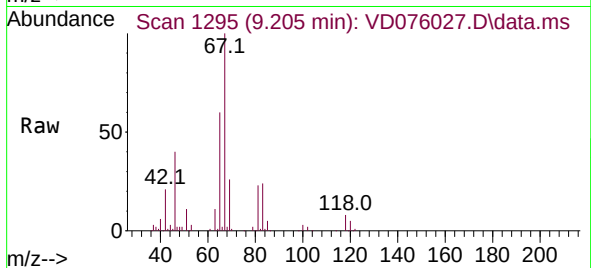




#37
1,2-Dichloropropane
Concen: 2.956 ug/L
RT: 9.205 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD076027.D
Acq: 05 May 2023 16:02

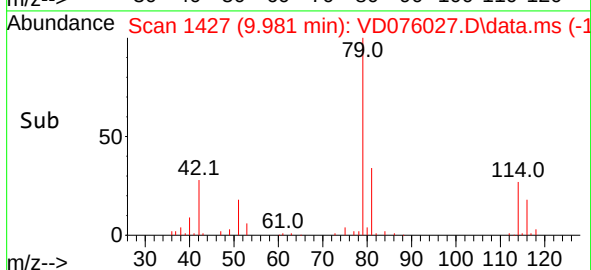
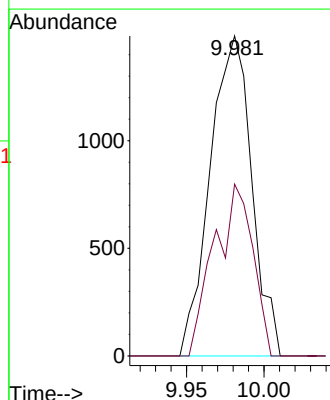
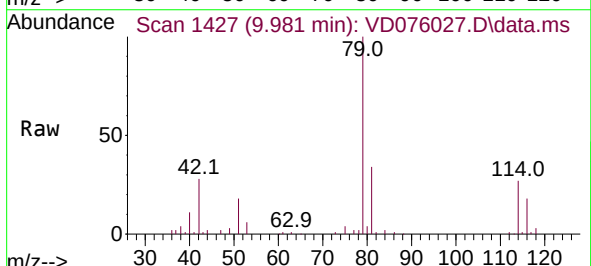
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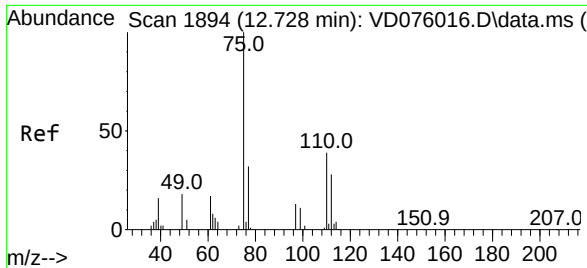
Tgt Ion: 63 Resp: 13168
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.392 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD076027.D
Acq: 05 May 2023 16:02

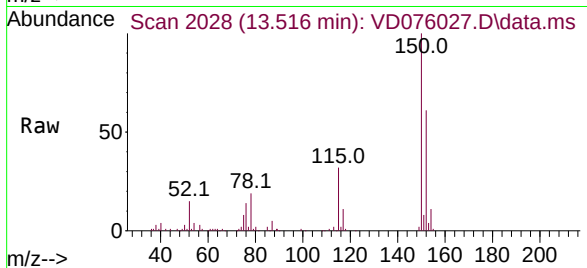
Tgt Ion: 75 Resp: 2778
Ion Ratio Lower Upper
75 100
77 53.7 23.4 43.6#





#61
 1,2,3-Trichloropropane
 Concen: 7.248 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.789 min
 Lab File: VD076027.D
 Acq: 05 May 2023 16:02

Instrument :
 MSVOA_D
 ClientSampleId :
 JREC6RE



Tgt Ion: 75 Resp: 9341
 Ion Ratio Lower Upper
 75 100
 77 26.1 26.6 39.8#
 110 0.0 33.5 50.3#

