

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050523\
 Data File : VD076017.D
 Acq On : 05 May 2023 10:39
 Operator : KP/SY
 Sample : VD0505SBL01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VBLK126

Quant Time: May 06 00:22:10 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)

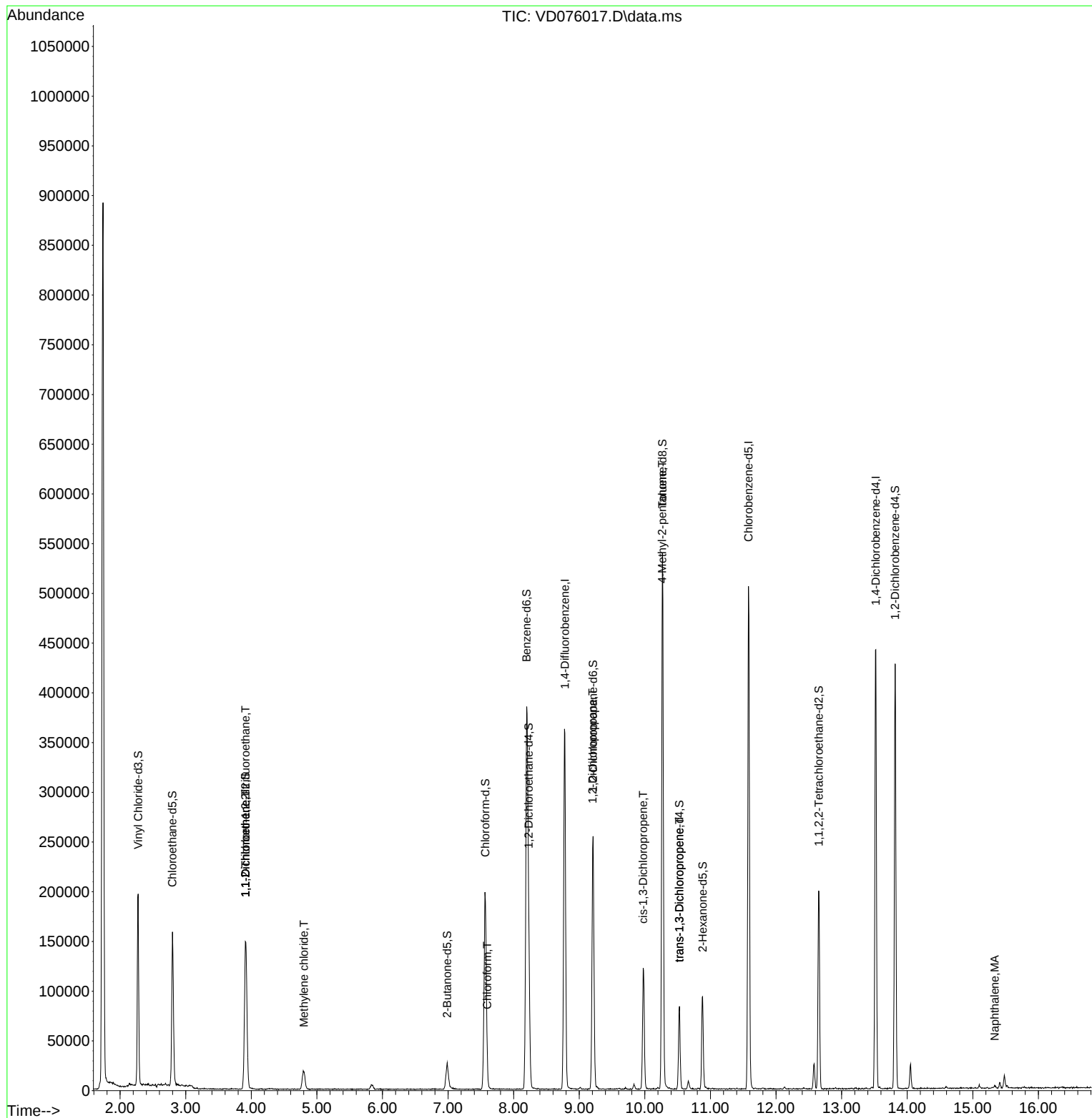
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	356296	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	324854	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	135306	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	182788	23.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.560%
7) Chloroethane-d5	2.799	69	162330	24.037	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.160%
11) 1,1-Dichloroethene-d2	3.911	65	42656	23.671	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.680%
21) 2-Butanone-d5	6.987	46	42728	62.970	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.940%
24) Chloroform-d	7.569	84	213171	23.926	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.720%
26) 1,2-Dichloroethane-d4	8.228	65	98208	25.811	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.240%
32) Benzene-d6	8.199	84	442069	23.348	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	9.210	67	132925	25.364	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.440%
41) Toluene-d8	10.269	98	400239	22.579	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.320%
43) trans-1,3-Dichloroprop...	10.528	79	49806	22.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.960%
47) 2-Hexanone-d5	10.881	63	34205	54.206	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.420%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	107636	26.840	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.360%
66) 1,2-Dichlorobenzene-d4	13.816	152	126500	26.432	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.720%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.911	101	1717	0.355	ug/L #	21
12) 1,1-Dichloroethene	3.911	96	1504	0.321	ug/L #	1
16) Methylene chloride	4.805	84	16413	2.271	ug/L	92
25) Chloroform	7.599	83	4849	0.562	ug/L	91
37) 1,2-Dichloropropane	9.204	63	13947	3.090	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	3182	0.443	ug/L	88
40) 4-Methyl-2-pentanone	10.263	43	1273	0.774	ug/L #	1
44) trans-1,3-Dichloropropene	10.528	75	2298	0.398	ug/L	98
71) Naphthalene	15.333	128	3148	0.361	ug/L #	85

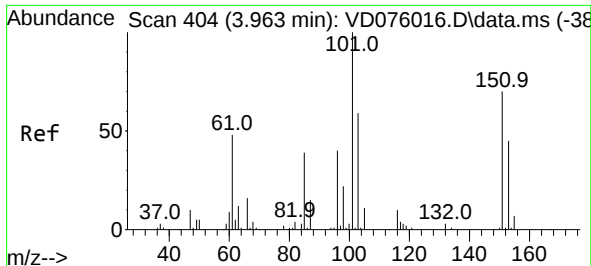
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VBLK126

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Quant Title : SFAM01.0
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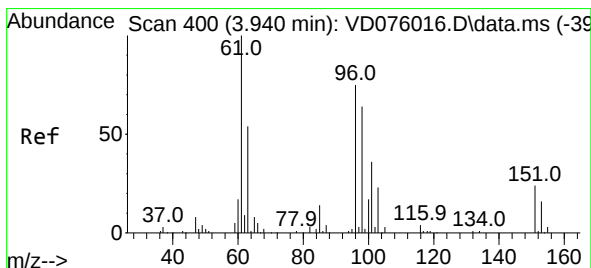
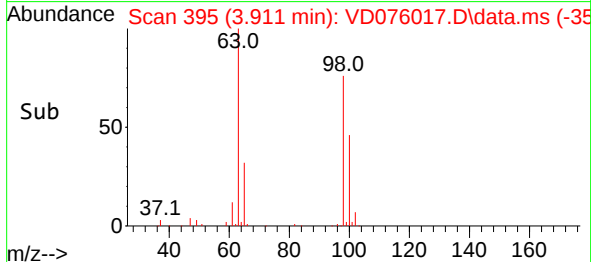
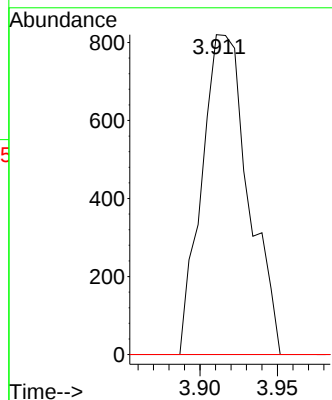
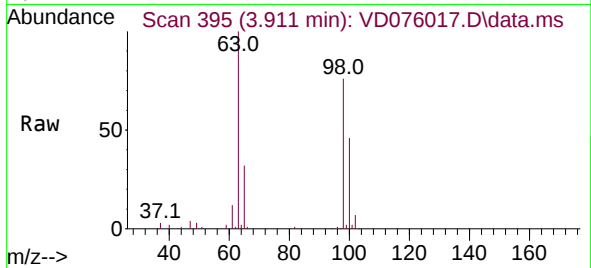




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.355 ug/L
 RT: 3.911 min Scan# 395
 Delta R.T. -0.053 min
 Lab File: VD076017.D
 Acq: 05 May 2023 10:39

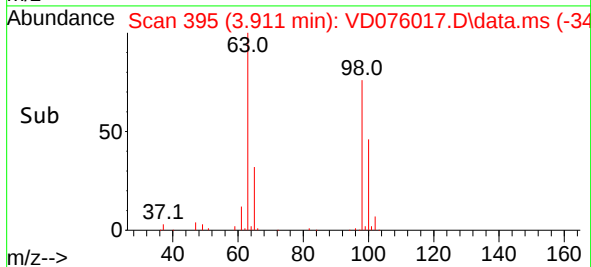
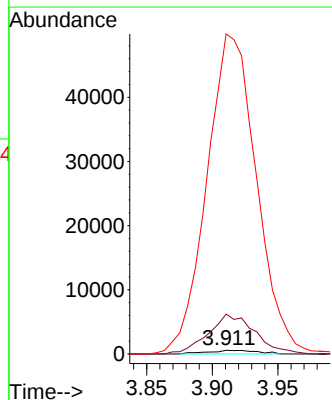
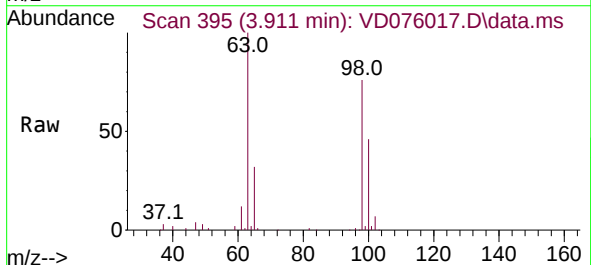
Instrument :
 MSVOA_D
 ClientSampleId :
 VBLK126

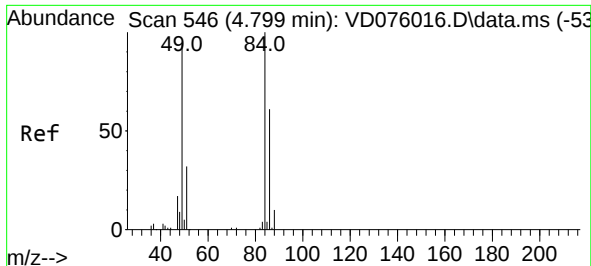
Tgt Ion:101 Resp: 1717
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.9 49.3#
 151 0.0 57.2 85.8#



#12
 1,1-Dichloroethene
 Concen: 0.321 ug/L
 RT: 3.911 min Scan# 395
 Delta R.T. -0.029 min
 Lab File: VD076017.D
 Acq: 05 May 2023 10:39

Tgt Ion: 96 Resp: 1504
 Ion Ratio Lower Upper
 96 100
 61 1059.4 92.6 172.0#
 63 8509.2 77.4 143.8#

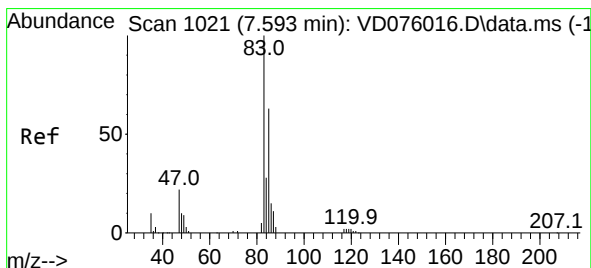
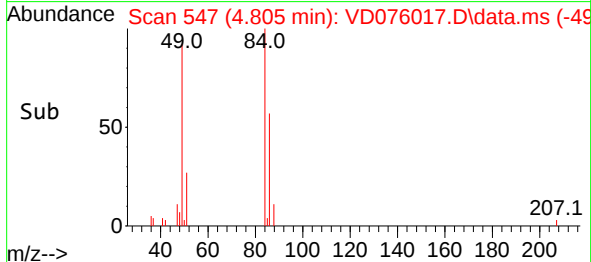
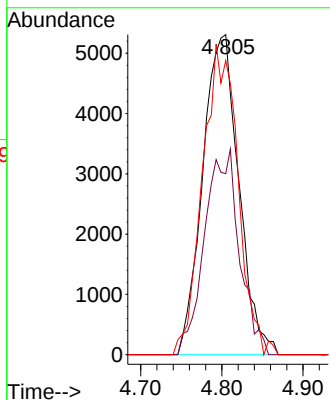
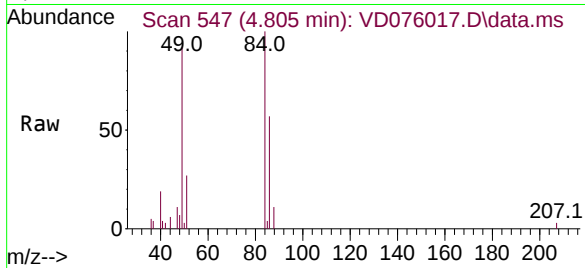




#16
Methylene chloride
Concen: 2.271 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD076017.D
Acq: 05 May 2023 10:39

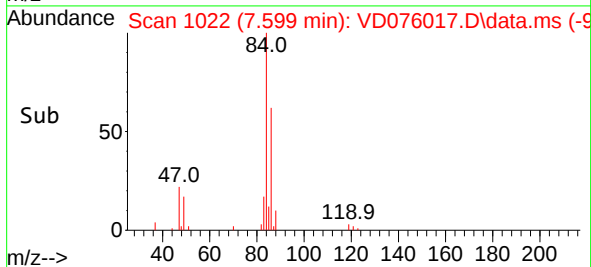
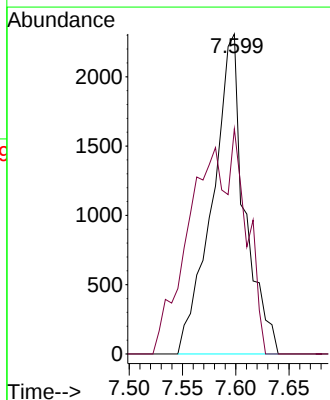
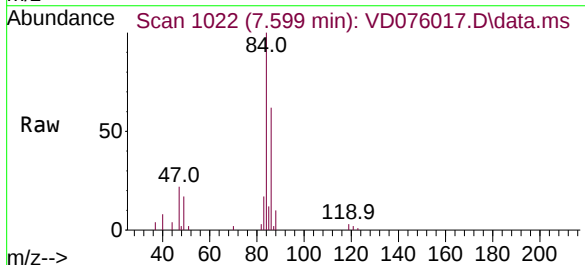
Instrument :
MSVOA_D
ClientSampleId :
VBLK126

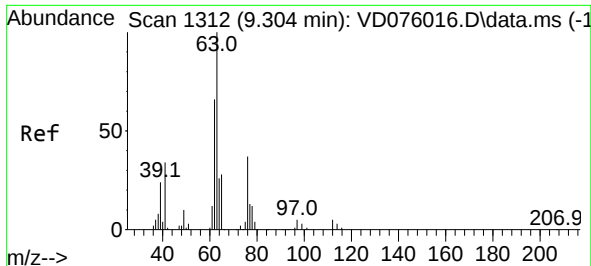
Tgt Ion: 84 Resp: 16413
Ion Ratio Lower Upper
84 100
86 56.5 45.8 85.2
49 91.9 60.8 112.8



#25
Chloroform
Concen: 0.562 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD076017.D
Acq: 05 May 2023 10:39

Tgt Ion: 83 Resp: 4849
Ion Ratio Lower Upper
83 100
85 70.4 44.4 82.5





#37

1,2-Dichloropropane

Concen: 3.090 ug/L

RT: 9.204 min Scan# 11

Delta R.T. -0.100 min

Lab File: VD076017.D

Acq: 05 May 2023 10:39

Instrument :

MSVOA_D

ClientSampleId :

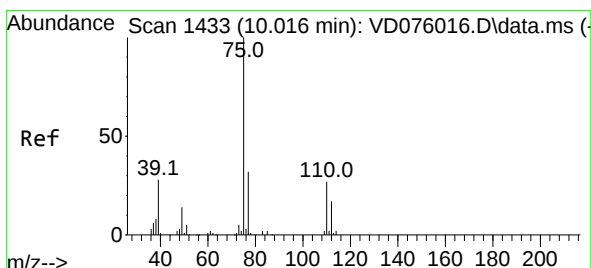
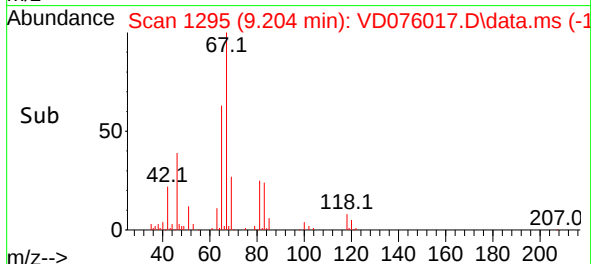
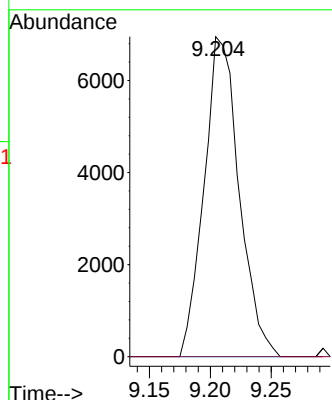
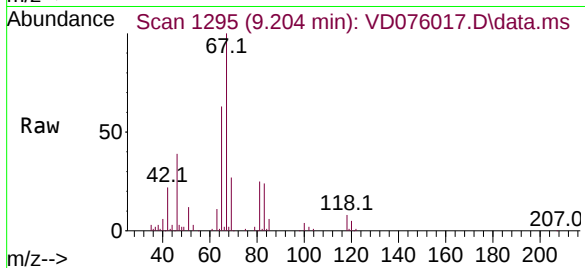
VBLK126

Tgt Ion: 63 Resp: 13947

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.443 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD076017.D

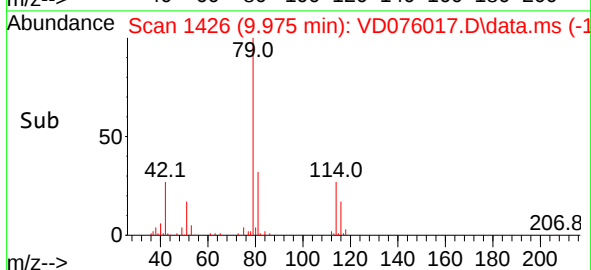
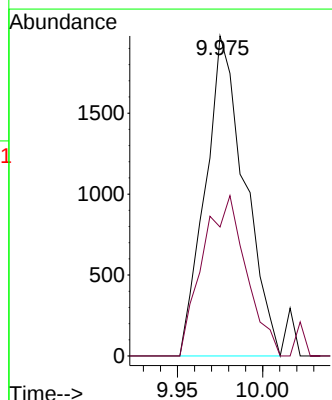
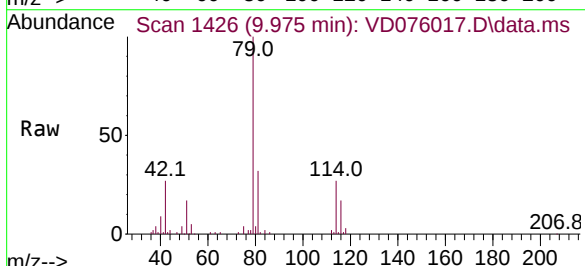
Acq: 05 May 2023 10:39

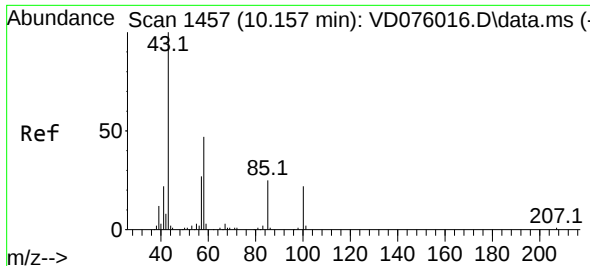
Tgt Ion: 75 Resp: 3182

Ion Ratio Lower Upper

75 100

77 40.3 23.4 43.6

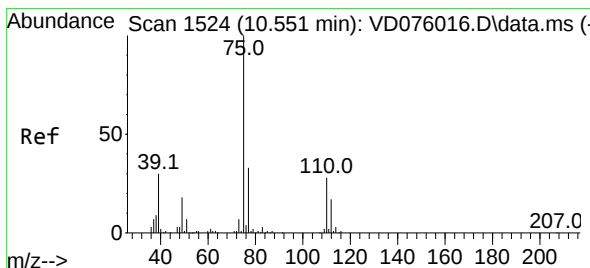
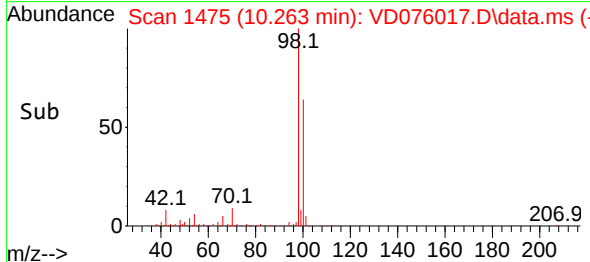
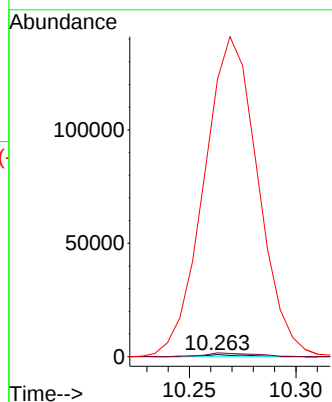
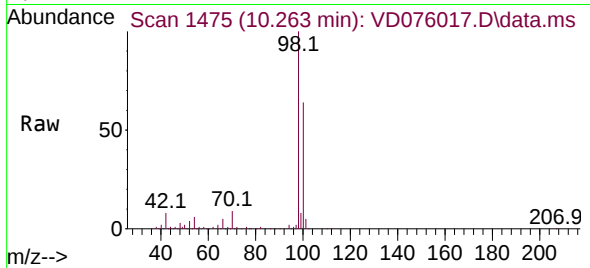




#40
4-Methyl-2-pentanone
Concen: 0.774 ug/L
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD076017.D
Acq: 05 May 2023 10:39

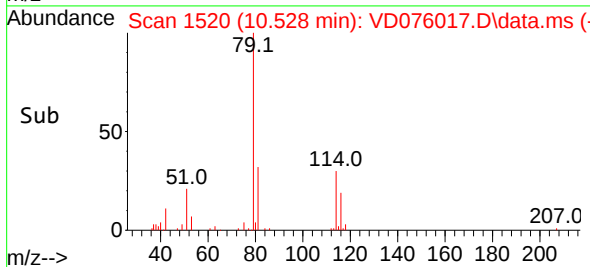
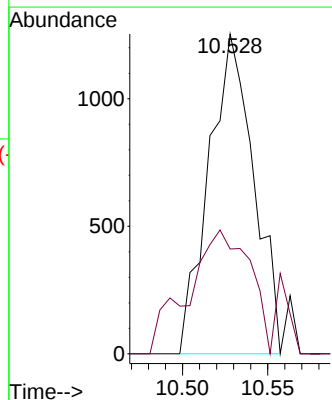
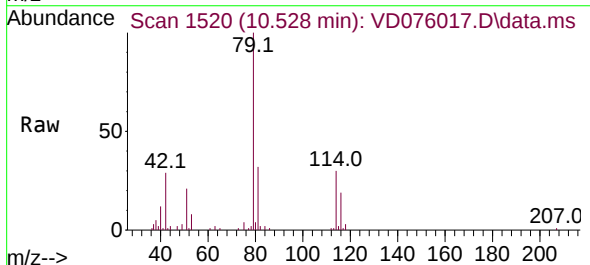
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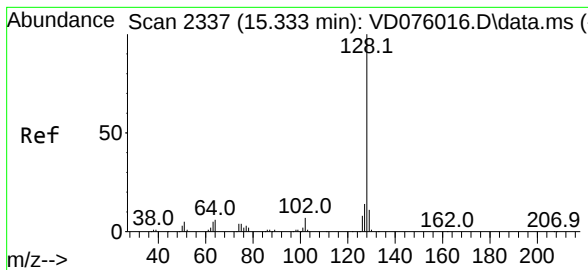
Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
58 215.6 39.1 58.7#
100 19697.6 19.4 29.0#



#44
trans-1,3-Dichloropropene
Concen: 0.398 ug/L
RT: 10.528 min Scan# 1520
Delta R.T. -0.023 min
Lab File: VD076017.D
Acq: 05 May 2023 10:39

Tgt Ion: 75 Resp: 2298
Ion Ratio Lower Upper
75 100
77 32.8 22.0 41.0





#71
Naphthalene
Concen: 0.361 ug/L
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076017.D
Acq: 05 May 2023 10:39

Instrument :
MSVOA_D
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Tgt Ion:	128	Resp:	3148
Ion	Ratio	Lower	Upper
128	100		
127	7.3	10.5	15.7#
129	5.3	9.1	13.7#

