

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076695.D
 Acq On : 03 Jul 2023 16:28
 Operator : KP/SY
 Sample : 03444-12
 Misc : 5.03G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46T6RE

Quant Time: Jul 04 01:11:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

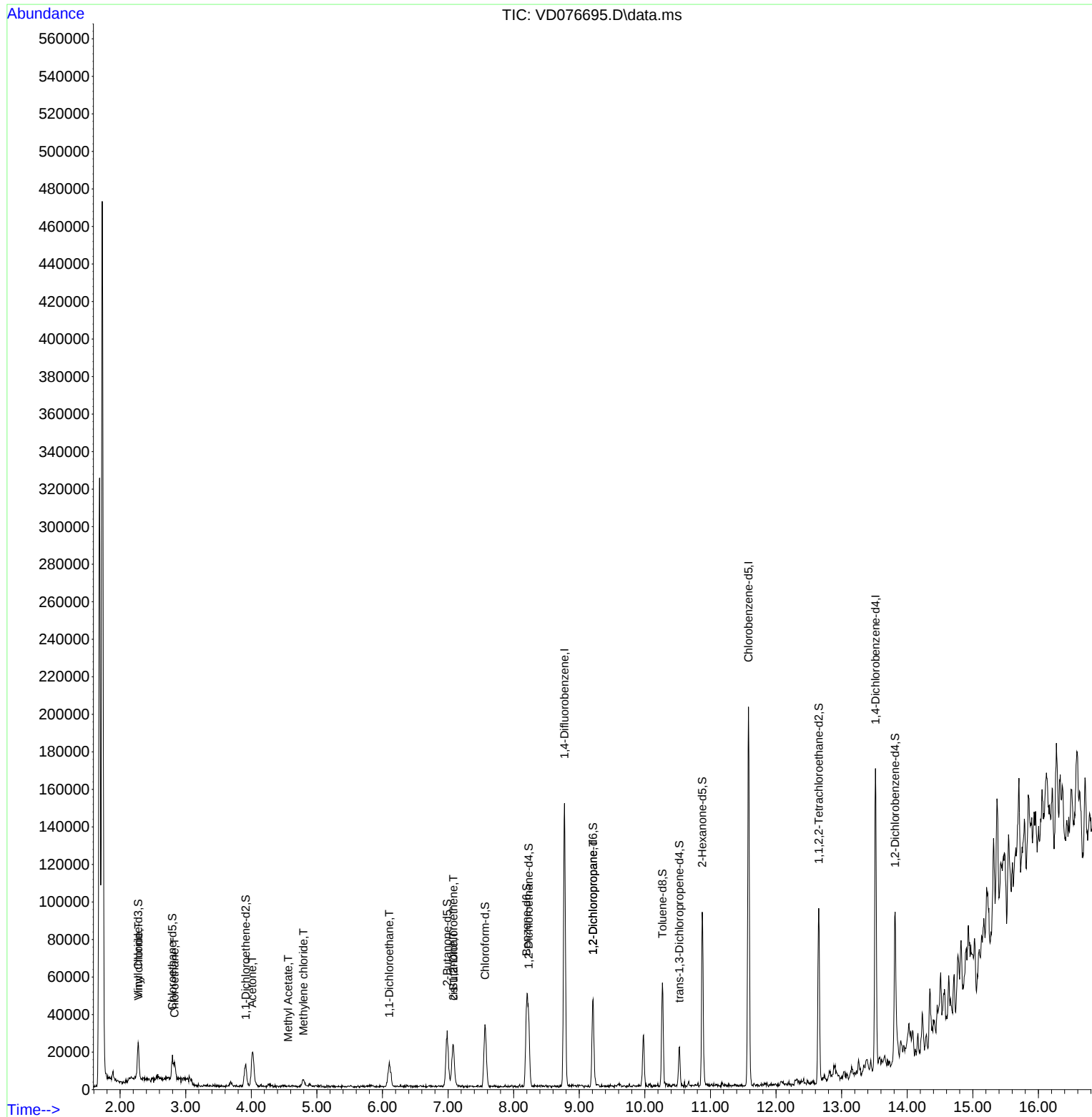
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	130937	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	110948	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	43876	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	8699	2.728	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	10.920%#
7) Chloroethane-d5	2.799	69	12039	4.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	18.680%#
11) 1,1-Dichloroethene-d2	3.916	65	3348	4.022	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	16.080%#
21) 2-Butanone-d5	6.987	46	49951	103.435	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	206.880%#
24) Chloroform-d	7.563	84	34086	9.881	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	39.520%#
26) 1,2-Dichloroethane-d4	8.228	65	23636	13.889	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	55.560%#
32) Benzene-d6	8.199	84	47108	6.941	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	27.760%
36) 1,2-Dichloropropane-d6	9.210	67	21626	9.983	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	39.920%#
41) Toluene-d8	10.269	98	36344	5.783	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	23.120%#
43) trans-1,3-Dichloroprop...	10.528	79	11510	12.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	51.080%
47) 2-Hexanone-d5	10.875	63	32633	97.041	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	194.080%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	46310	30.047	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.200%#
66) 1,2-Dichlorobenzene-d4	13.816	152	19347	12.030	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	48.120%#
Target Compounds						Qvalue
5) Vinyl chloride	2.281	62	10463	2.860	ug/L	96
8) Chloroethane	2.828	64	7065	3.152	ug/L	97
13) Acetone	4.016	43	33457	85.776	ug/L	92
15) Methyl Acetate	4.563	43	396	0.445	ug/L #	53
16) Methylene chloride	4.793	84	1458	0.641	ug/L	80
19) 1,1-Dichloroethane	6.105	63	10553	3.047	ug/L #	79
20) cis-1,2-Dichloroethene	7.081	96	3966	1.874	ug/L	80
22) 2-Butanone	7.081	43	14276	22.680	ug/L	98
37) 1,2-Dichloropropane	9.210	63	1799	0.899	ug/L #	88

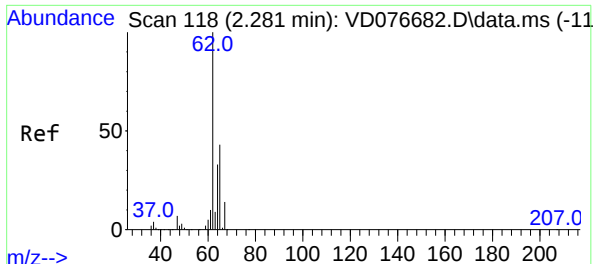
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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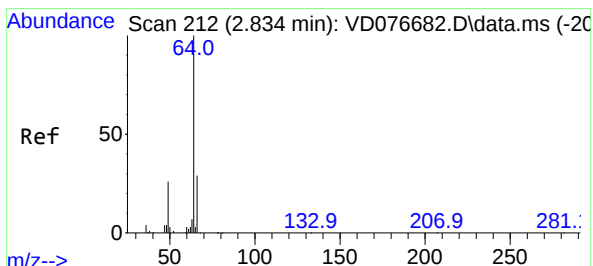
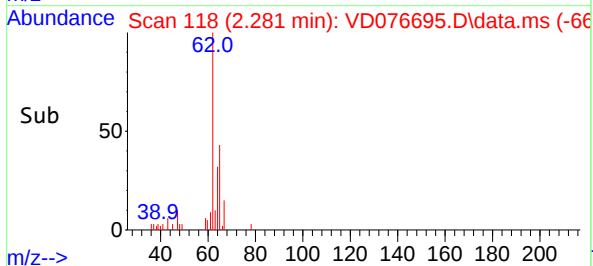
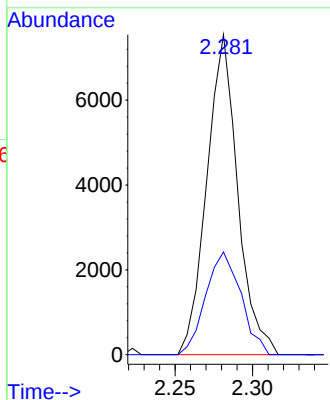
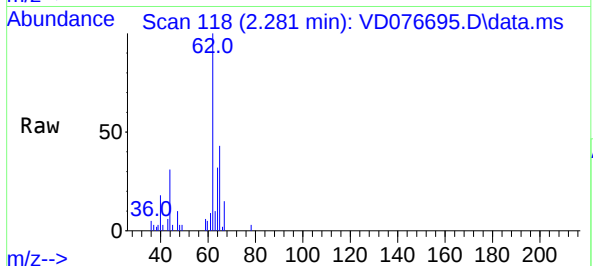




#5
Vinyl chloride
Concen: 2.860 ug/L
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076695.D
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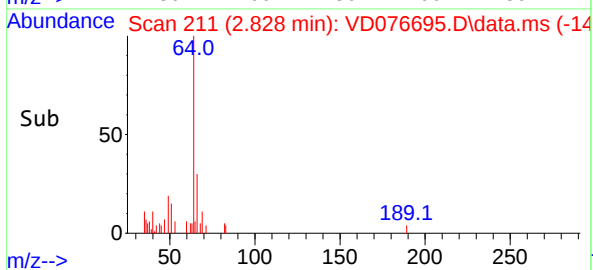
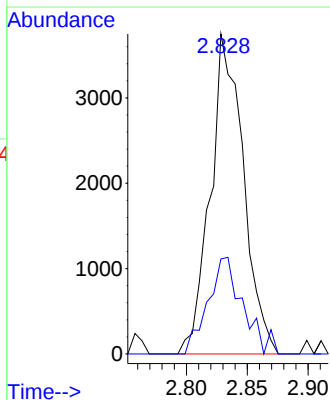
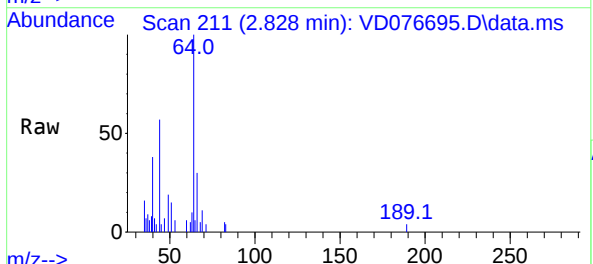
Instrument :
MSVOA_D
ClientSampleId :
A46T6RE

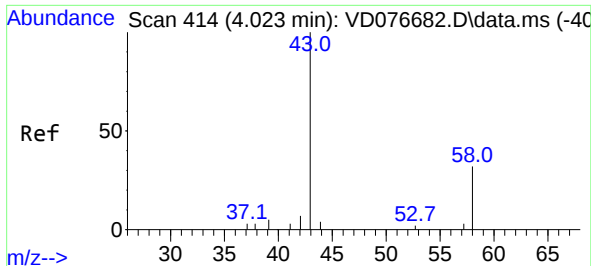
Tgt Ion: 62 Resp: 10463
Ion Ratio Lower Upper
62 100
64 32.1 21.1 39.1



#8
Chloroethane
Concen: 3.152 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076695.D
Acq: 03 Jul 2023 16:28

Tgt Ion: 64 Resp: 7065
Ion Ratio Lower Upper
64 100
66 29.7 22.1 41.1





#13

Acetone

Concen: 85.776 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD076695.D

Acq: 03 Jul 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

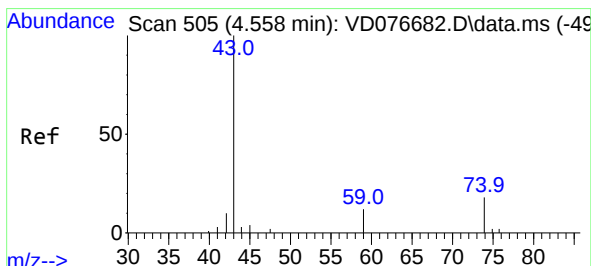
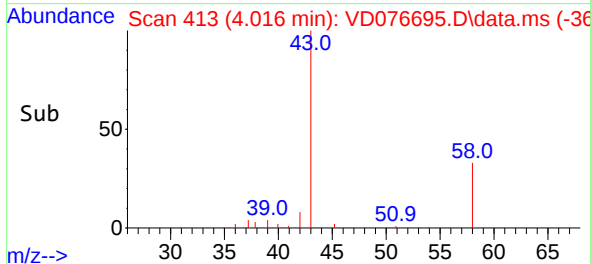
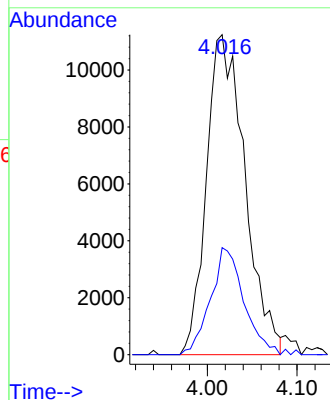
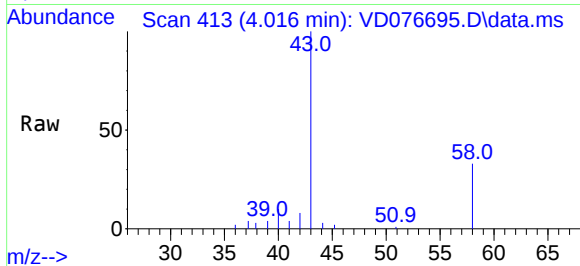
A46T6RE

Tgt Ion: 43 Resp: 33457

Ion Ratio Lower Upper

43 100

58 29.0 0.0 67.4



#15

Methyl Acetate

Concen: 0.445 ug/L

RT: 4.563 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD076695.D

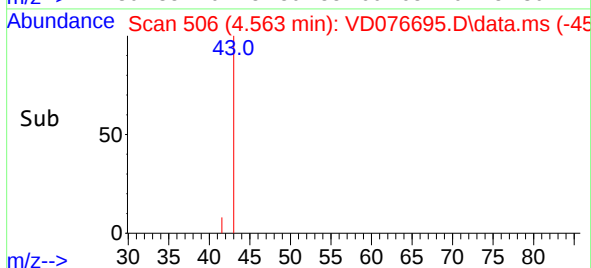
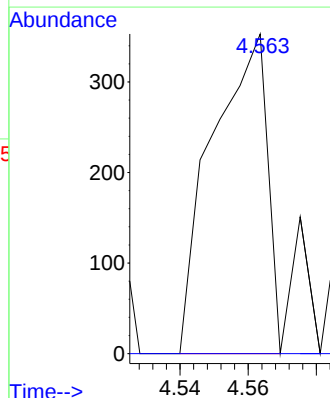
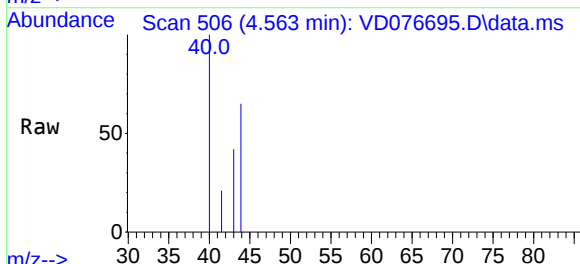
Acq: 03 Jul 2023 16:28

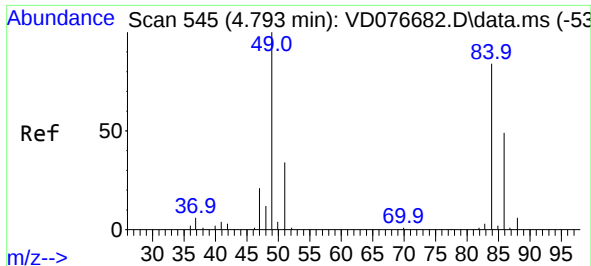
Tgt Ion: 43 Resp: 396

Ion Ratio Lower Upper

43 100

74 0.0 18.2 27.2#

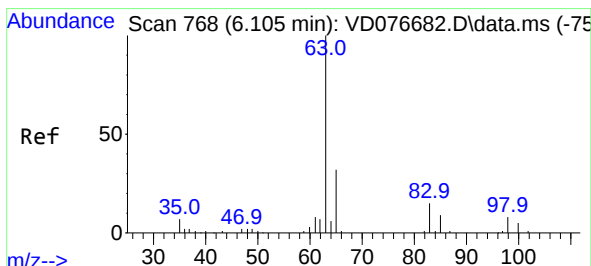
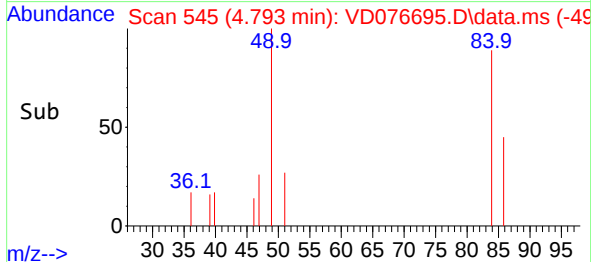
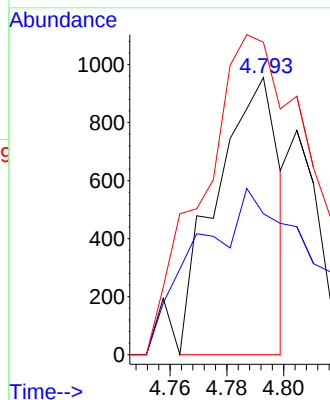
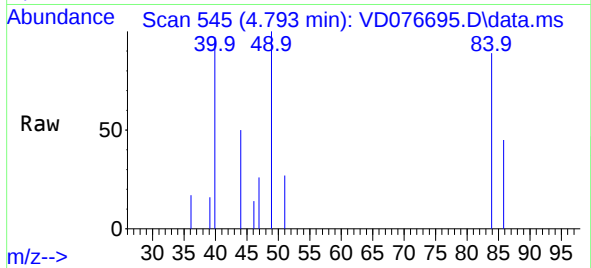




#16
Methylene chloride
Concen: 0.641 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076695.D
Acq: 03 Jul 2023 16:28

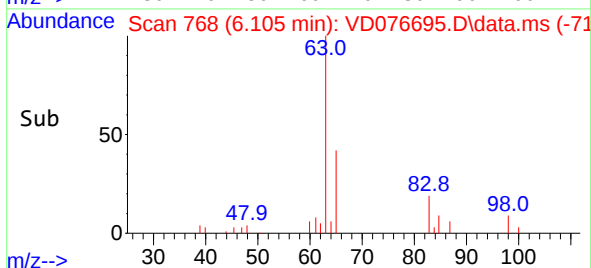
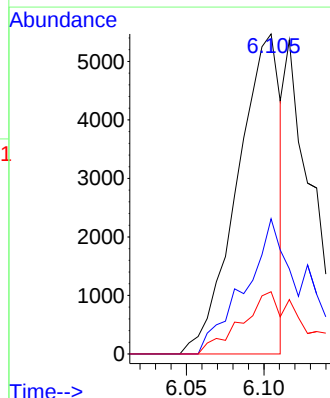
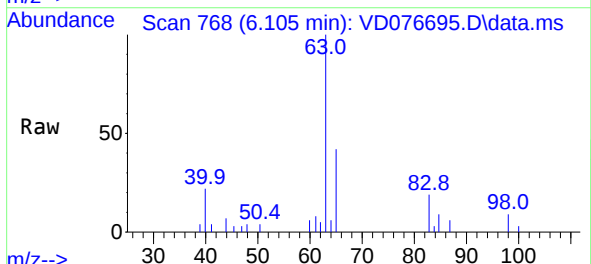
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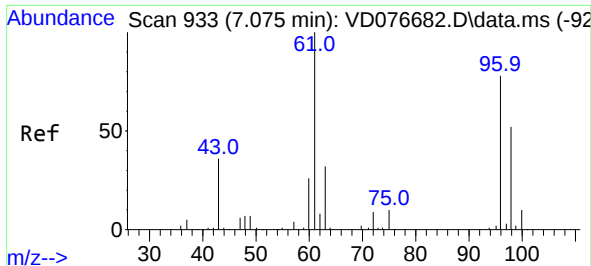
Tgt Ion: 84 Resp: 1458
Ion Ratio Lower Upper
84 100
86 50.9 45.1 83.9
49 112.8 97.2 180.6



#19
1,1-Dichloroethane
Concen: 3.047 ug/L
RT: 6.105 min Scan# 768
Delta R.T. -0.000 min
Lab File: VD076695.D
Acq: 03 Jul 2023 16:28

Tgt Ion: 63 Resp: 10553
Ion Ratio Lower Upper
63 100
65 42.3 20.8 38.6#
83 19.5 8.9 16.5#

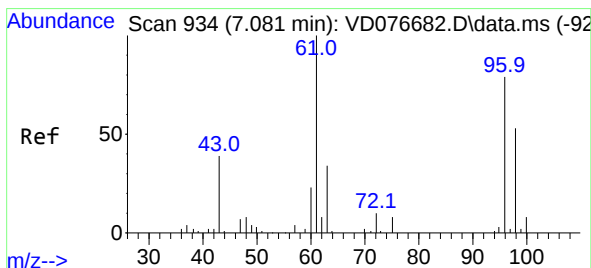
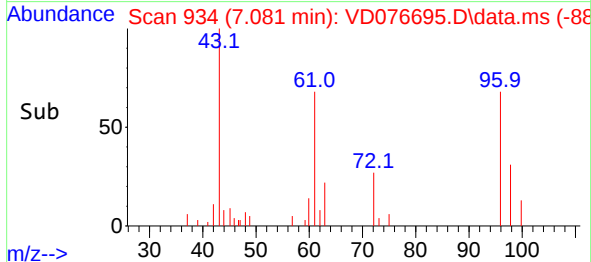
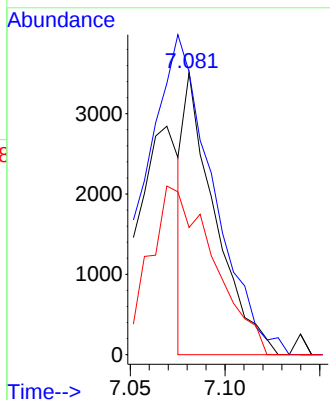
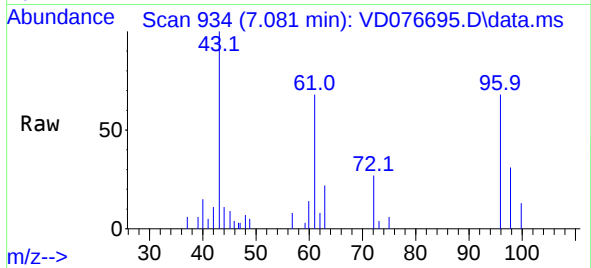




#20
cis-1,2-Dichloroethene
Concen: 1.874 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076695.D
Acq: 03 Jul 2023 16:28

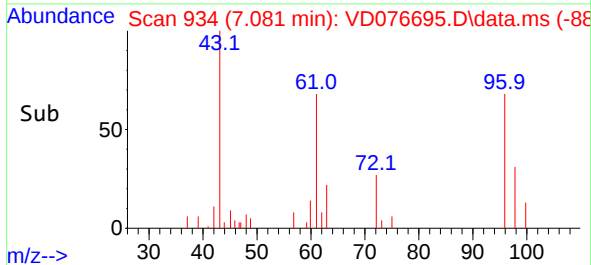
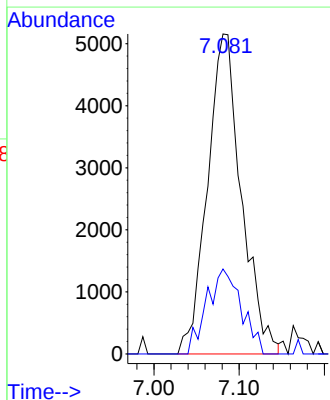
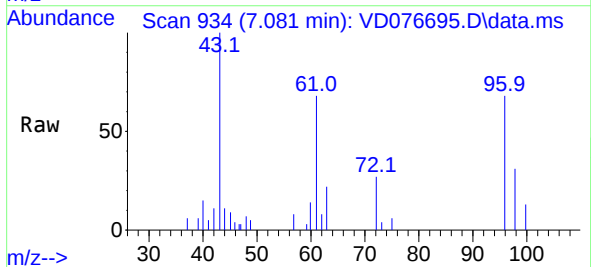
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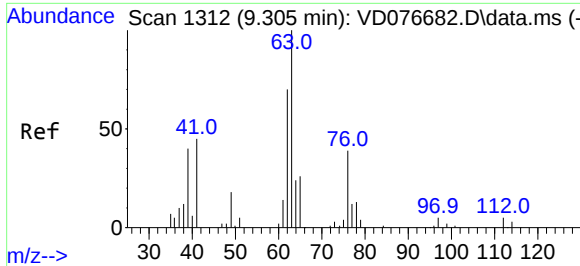
Tgt Ion: 96 Resp: 3966
Ion Ratio Lower Upper
96 100
61 100.3 86.0 159.6
98 45.1 42.2 78.4



#22
2-Butanone
Concen: 22.680 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076695.D
Acq: 03 Jul 2023 16:28

Tgt Ion: 43 Resp: 14276
Ion Ratio Lower Upper
43 100
72 27.0 12.9 38.7





#37
1,2-Dichloropropane
Concen: 0.899 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076695.D
Acq: 03 Jul 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:	63	Resp:	1799
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.1	4.7#

