

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076702.D
 Acq On : 03 Jul 2023 19:35
 Operator : KP/SY
 Sample : 03504-04
 Misc : 4.34G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46T4

Quant Time: Jul 04 01:12:17 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)

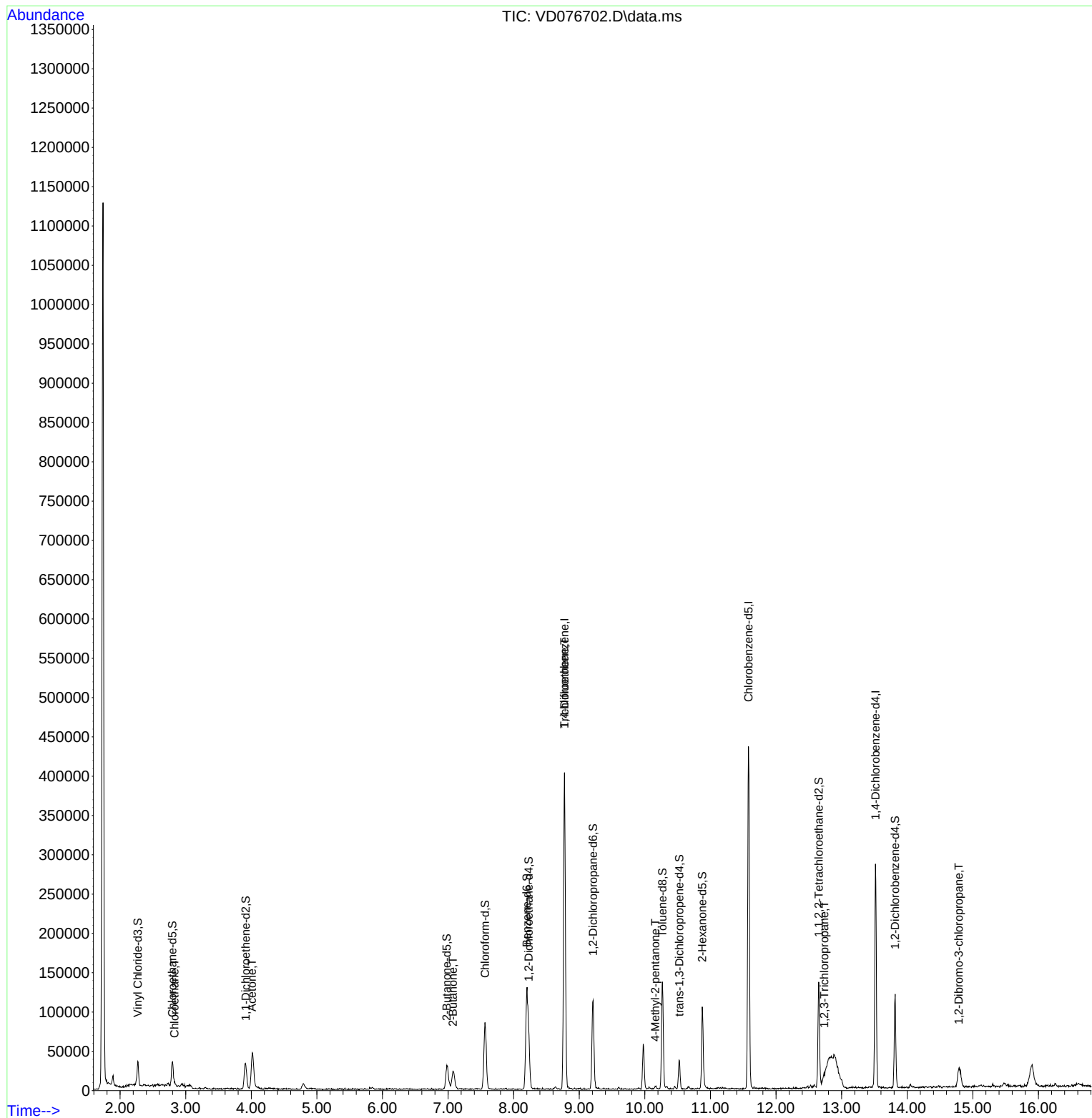
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	338924	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	245648	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	74671	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	25095	3.040	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	12.160%#
7) Chloroethane-d5	2.799	69	31558	4.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	18.920%#
11) 1,1-Dichloroethene-d2	3.916	65	4500	2.089	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	8.360%#
21) 2-Butanone-d5	6.981	46	50875	40.699	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.400%
24) Chloroform-d	7.563	84	86751	9.715	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	38.880%#
26) 1,2-Dichloroethane-d4	8.228	65	52004	11.806	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	47.240%#
32) Benzene-d6	8.198	84	121470	8.084	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	32.320%
36) 1,2-Dichloropropane-d6	9.210	67	53480	11.150	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	44.600%#
41) Toluene-d8	10.269	98	96277	6.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	27.680%#
43) trans-1,3-Dichloroprop...	10.528	79	19717	9.883	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	39.520%
47) 2-Hexanone-d5	10.875	63	33909	45.543	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.080%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	62027	18.177	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	30775	11.244	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	44.960%#
Target Compounds						Qvalue
8) Chloroethane	2.828	64	2276	0.392	ug/L	97
13) Acetone	4.010	43	82241	81.457	ug/L	95
22) 2-Butanone	7.075	43	39322	24.134	ug/L	98
34) Trichloroethene	8.775	95	10896	2.609	ug/L #	4
40) 4-Methyl-2-pentanone	10.157	43	2400	0.870	ug/L #	95
61) 1,2,3-Trichloropropane	12.734	75	567	0.391	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	14.786	75	1700	5.264	ug/L #	1

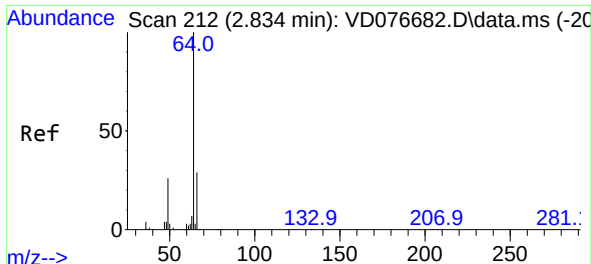
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

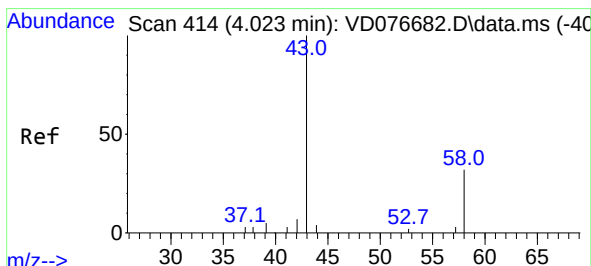
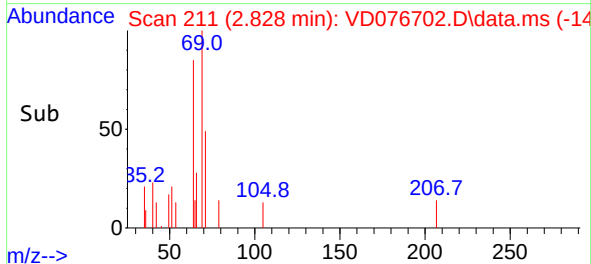
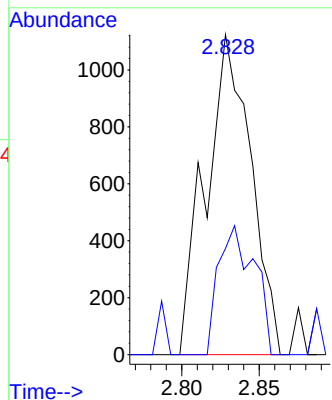
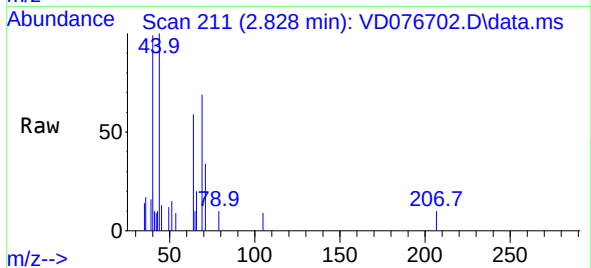




#8
Chloroethane
Concen: 0.392 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076702.D
Acq: 03 Jul 2023 19:35

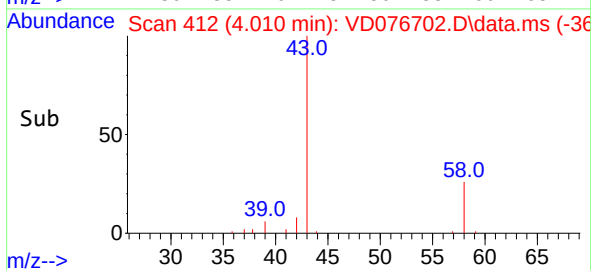
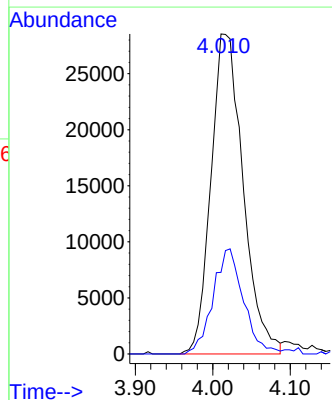
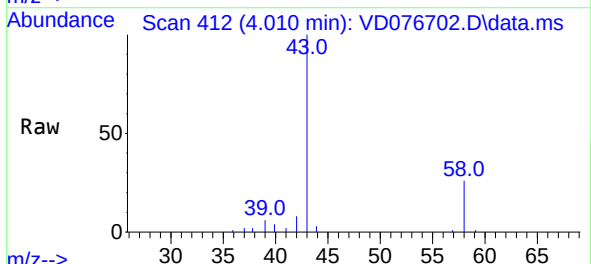
Instrument :
MSVOA_D
ClientSampleId :
A46T4

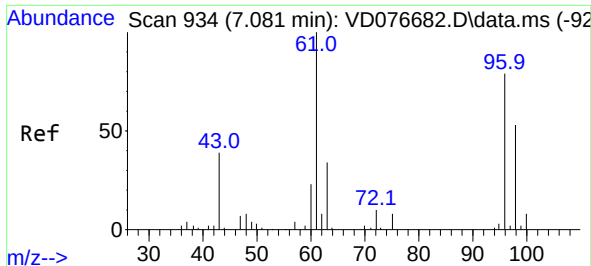
Tgt Ion: 64 Resp: 2276
Ion Ratio Lower Upper
64 100
66 33.2 22.1 41.1



#13
Acetone
Concen: 81.457 ug/L
RT: 4.010 min Scan# 412
Delta R.T. -0.012 min
Lab File: VD076702.D
Acq: 03 Jul 2023 19:35

Tgt Ion: 43 Resp: 82241
Ion Ratio Lower Upper
43 100
58 31.1 0.0 67.4

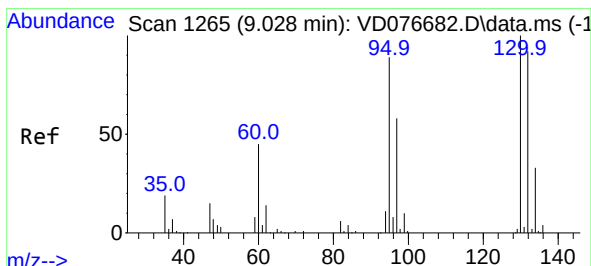
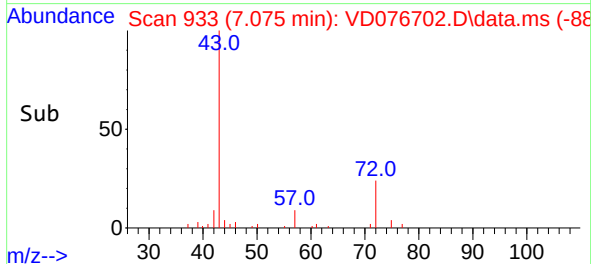
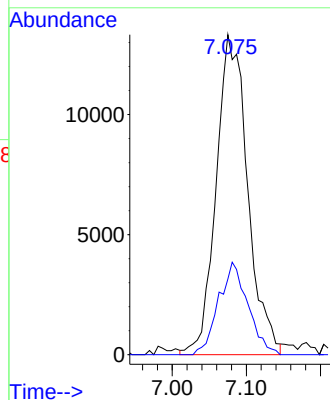
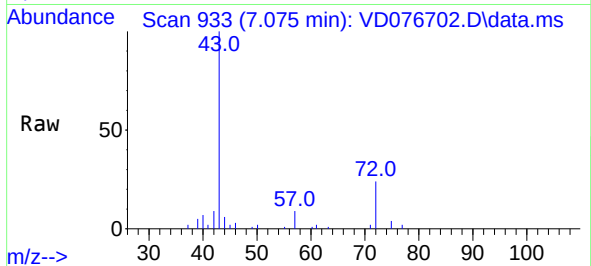




#22
2-Butanone
Concen: 24.134 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076702.D
Acq: 03 Jul 2023 19:35

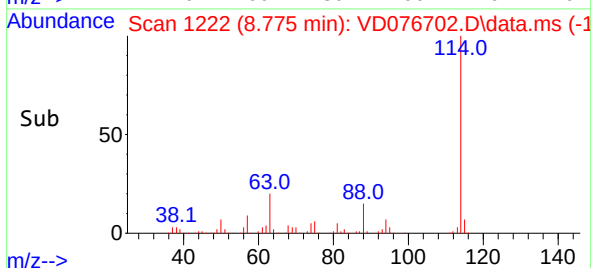
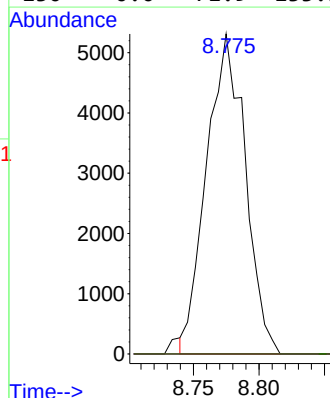
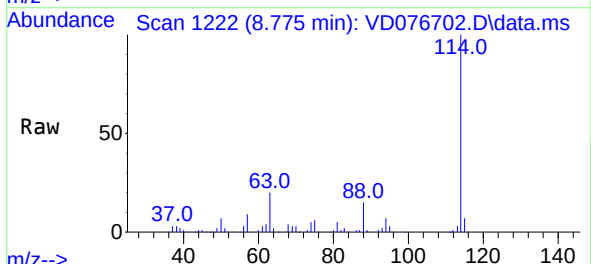
Instrument :
MSVOA_D
ClientSampleId :
A46T4

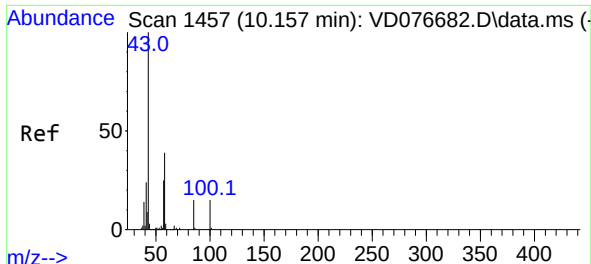
Tgt Ion: 43 Resp: 39322
Ion Ratio Lower Upper
43 100
72 27.0 12.9 38.7



#34
Trichloroethene
Concen: 2.609 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD076702.D
Acq: 03 Jul 2023 19:35

Tgt Ion: 95 Resp: 10896
Ion Ratio Lower Upper
95 100
97 0.0 43.1 80.1#
132 0.0 71.8 133.4#
130 0.0 71.9 133.5#

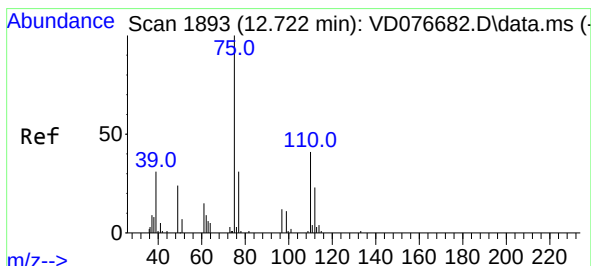
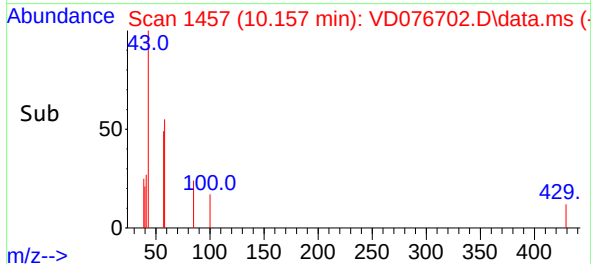
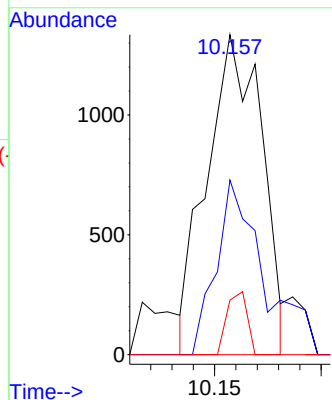
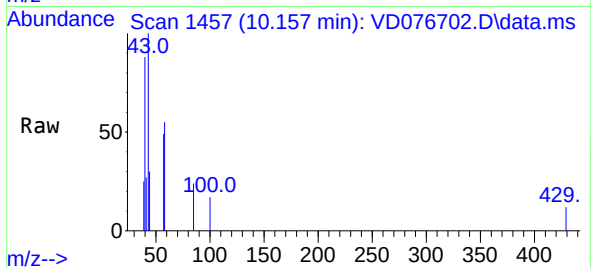




#40
4-Methyl-2-pentanone
Concen: 0.870 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076702.D
Acq: 03 Jul 2023 19:35

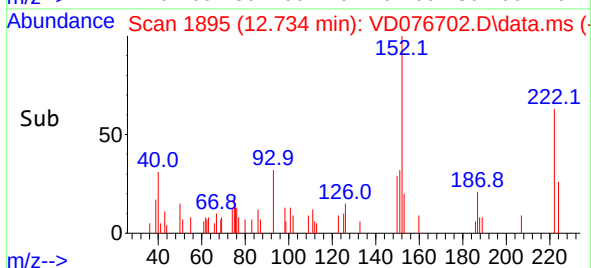
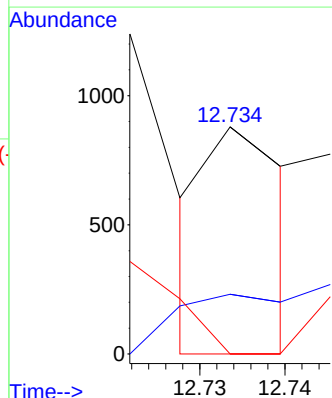
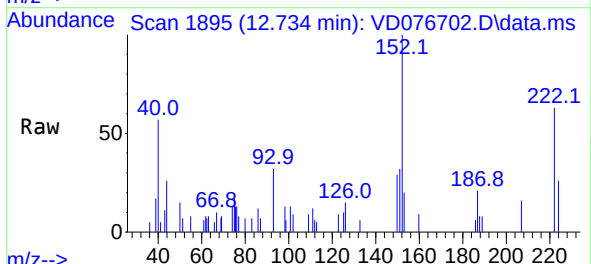
Instrument :
MSVOA_D
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A46T4

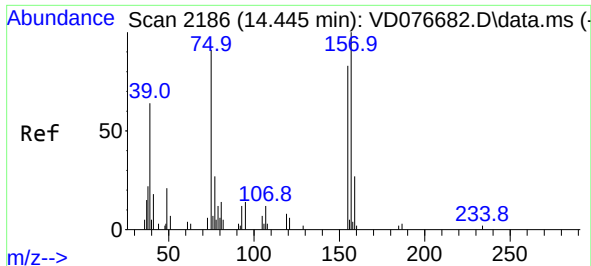
Tgt Ion:	43	Resp:	2400
Ion	Ratio	Lower	Upper
43	100		
58	38.1	30.7	46.1
100	7.2	11.0	16.4#



#61
1,2,3-Trichloropropane
Concen: 0.391 ug/L
RT: 12.734 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VD076702.D
Acq: 03 Jul 2023 19:35

Tgt Ion:	75	Resp:	567
Ion	Ratio	Lower	Upper
75	100		
77	38.4	27.2	40.8
110	0.0	31.8	47.6#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.264 ug/L
 RT: 14.786 min Scan# 2186
 Delta R.T. 0.341 min
 Lab File: VD076702.D
 Acq: 03 Jul 2023 19:35

Instrument :
 MSVOA_D
 ClientSampleId :
 A46T4

Tgt Ion: 75 Resp: 1700
 Ion Ratio Lower Upper
 75 100
 155 0.0 76.2 114.4#
 157 0.0 89.4 134.2#

