

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
 Data File : VD076644.D
 Acq On : 29 Jun 2023 17:54
 Operator : KP/SY
 Sample : 03472-09
 Misc : 5.88G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 30 01:16:24 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)

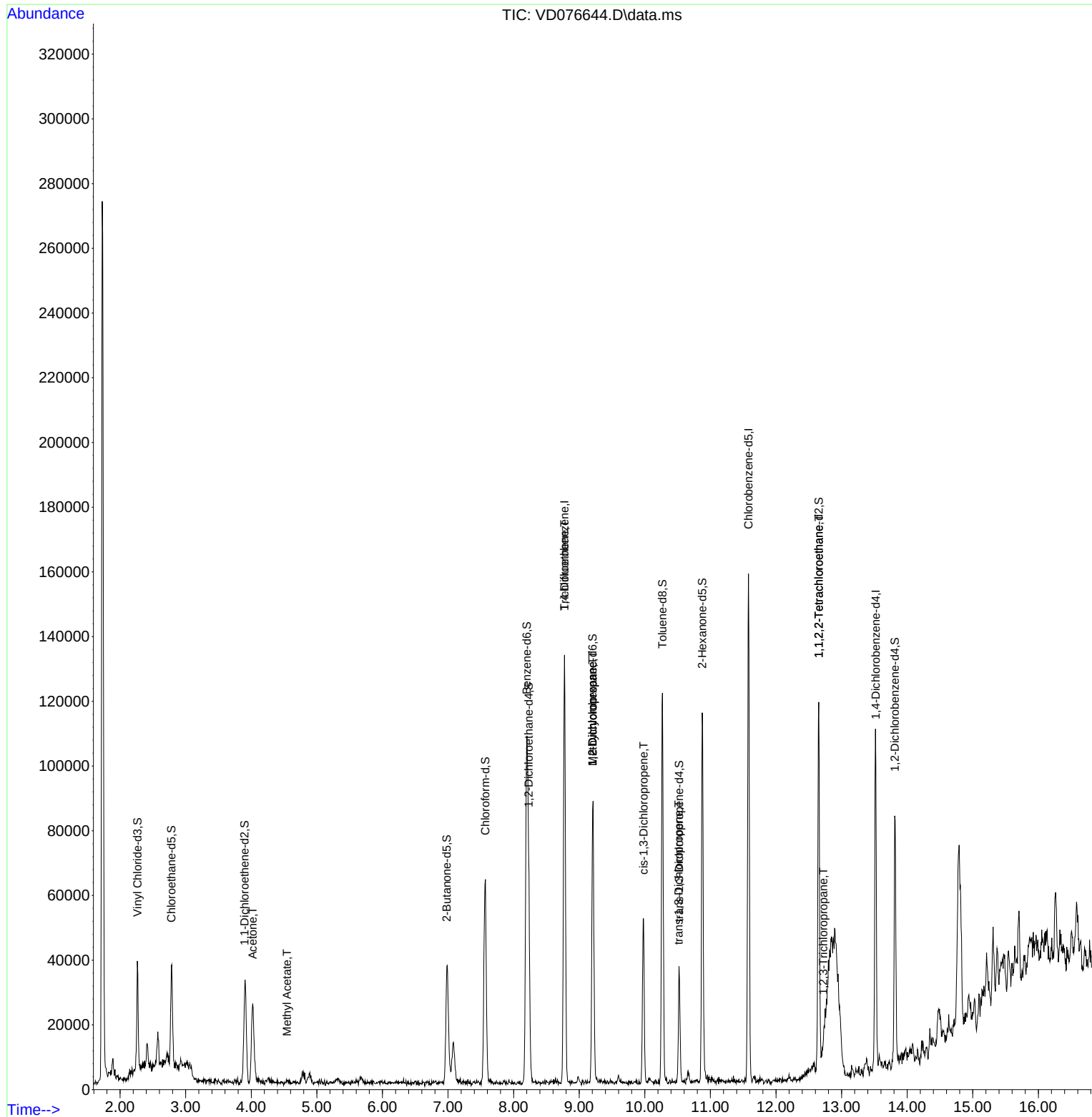
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	113575	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	85640	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	26217	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	27262	9.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	39.440%
7) Chloroethane-d5	2.781	69	31912	14.269	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.080%
11) 1,1-Dichloroethene-d2	3.899	65	9684	13.413	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.640%
21) 2-Butanone-d5	6.981	46	63544	151.697	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	303.400%#
24) Chloroform-d	7.569	84	65196	21.788	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.160%
26) 1,2-Dichloroethane-d4	8.228	65	47571	32.226	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.920%
32) Benzene-d6	8.199	84	106434	20.317	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.280%
36) 1,2-Dichloropropane-d6	9.205	67	40928	24.476	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.920%
41) Toluene-d8	10.269	98	79157	16.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.280%
43) trans-1,3-Dichloroprop...	10.522	79	18234	26.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.880%
47) 2-Hexanone-d5	10.875	63	39050	150.439	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	300.880%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	54856	46.110	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	184.440%#
66) 1,2-Dichlorobenzene-d4	13.810	152	19173	19.952	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.800%
Target Compounds					Qvalue	
13) Acetone	4.023	43	43799	129.456	ug/L	95
15) Methyl Acetate	4.546	43	705	0.913	ug/L #	53
34) Trichloroethene	8.775	95	3613	2.481	ug/L #	4
35) Methylcyclohexane	9.205	83	9603	4.090	ug/L #	19
37) 1,2-Dichloropropane	9.205	63	4998	3.234	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	1614	0.684	ug/L #	76
44) trans-1,3-Dichloropropene	10.516	75	1128	0.588	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.651	83	630	0.520	ug/L #	39
61) 1,2,3-Trichloropropane	12.722	75	520	1.022	ug/L #	51

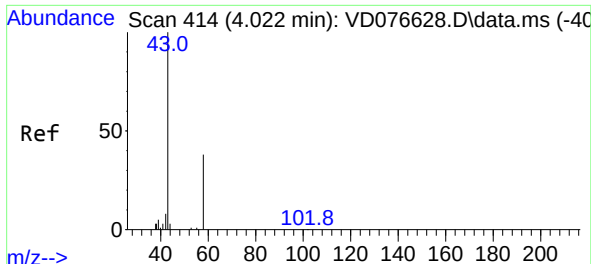
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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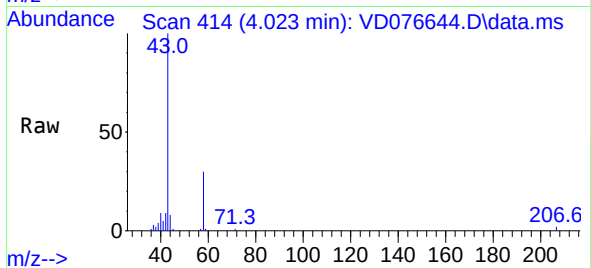
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
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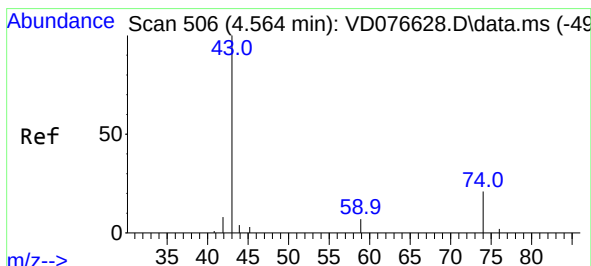
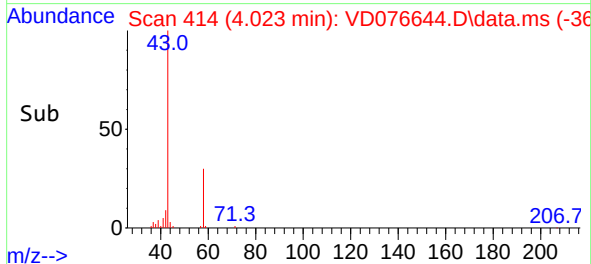
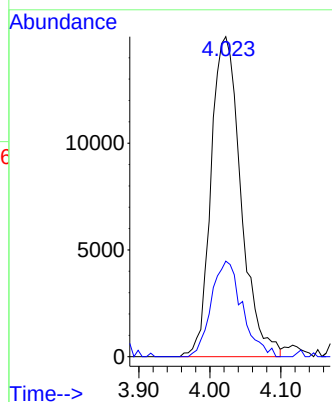


#13
Acetone
Concen: 129.456 ug/L
RT: 4.023 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076644.D
Acq: 29 Jun 2023 17:54

Instrument :
MSVOA_D
ClientSampleId :

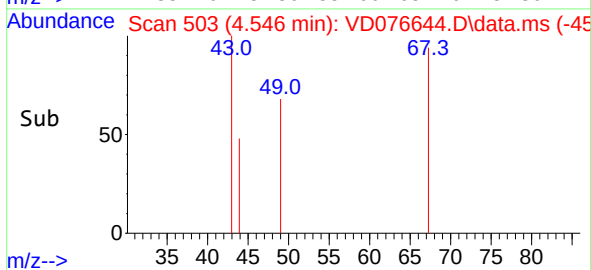
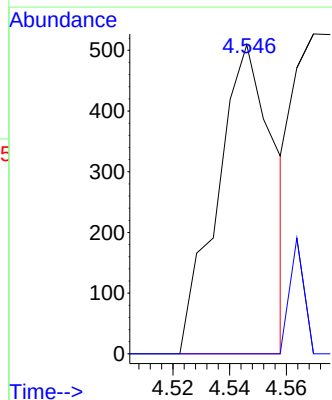
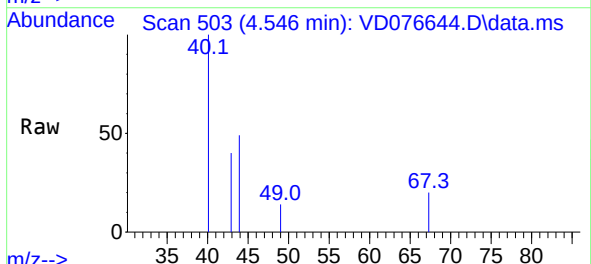


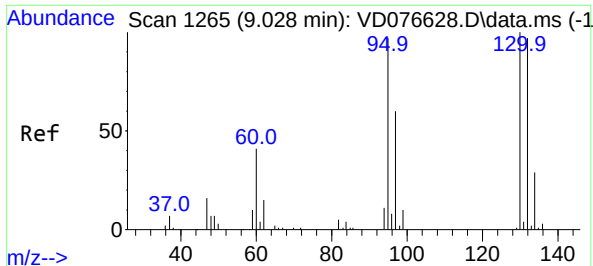
Tgt Ion: 43 Resp: 43799
Ion Ratio Lower Upper
43 100
58 30.9 0.0 67.4



#15
Methyl Acetate
Concen: 0.913 ug/L
RT: 4.546 min Scan# 503
Delta R.T. -0.012 min
Lab File: VD076644.D
Acq: 29 Jun 2023 17:54

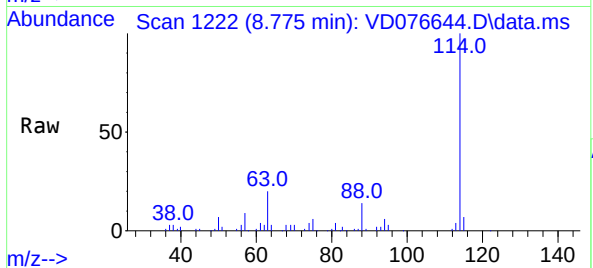
Tgt Ion: 43 Resp: 705
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.2#



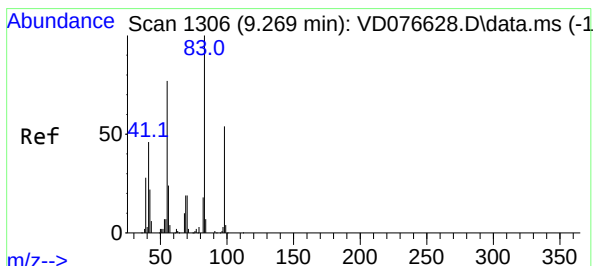
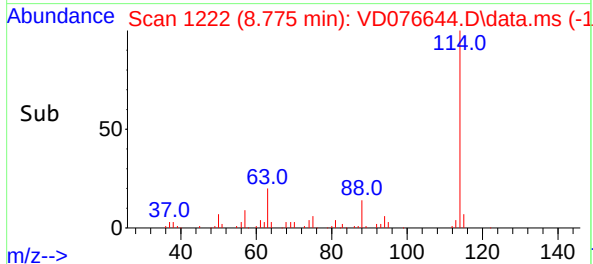
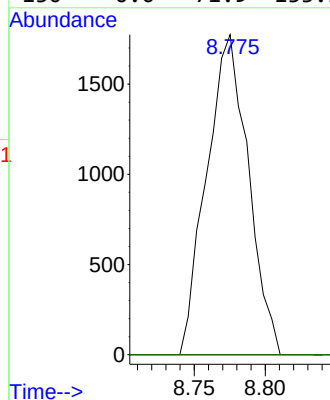


#34
Trichloroethene
Concen: 2.481 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD076644.D
Acq: 29 Jun 2023 17:54

Instrument :
MSVOA_D
ClientSampleId :

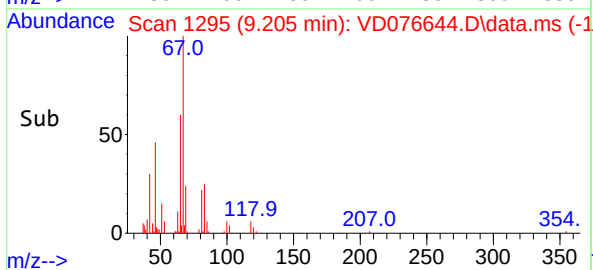
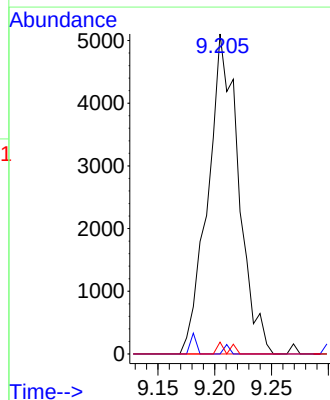
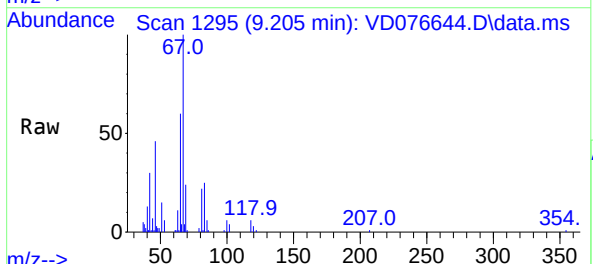


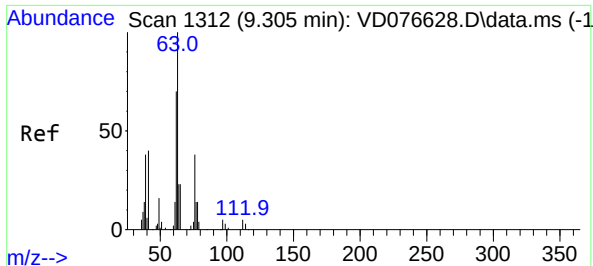
Tgt Ion: 95 Resp: 3613
Ion Ratio Lower Upper
95 100
97 0.0 43.1 80.1#
132 0.0 71.8 133.4#
130 0.0 71.9 133.5#



#35
Methylcyclohexane
Concen: 4.090 ug/L
RT: 9.205 min Scan# 1295
Delta R.T. -0.065 min
Lab File: VD076644.D
Acq: 29 Jun 2023 17:54

Tgt Ion: 83 Resp: 9603
Ion Ratio Lower Upper
83 100
55 0.0 59.8 89.6#
98 0.7 37.8 56.6#

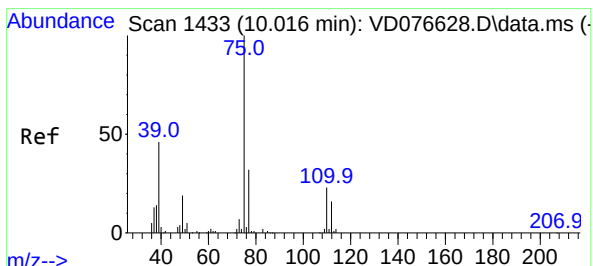
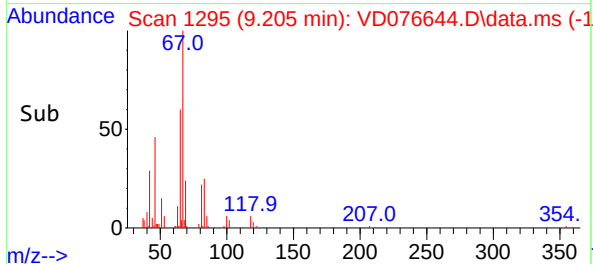
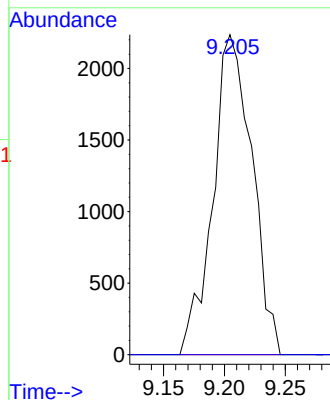
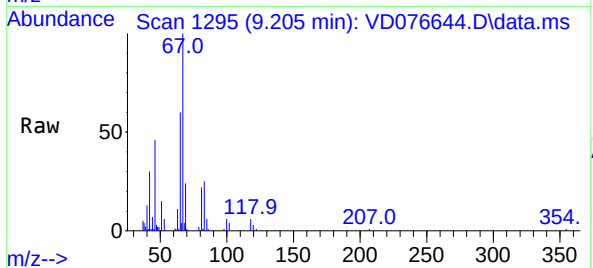




#37
1,2-Dichloropropane
Concen: 3.234 ug/L
RT: 9.205 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD076644.D
Acq: 29 Jun 2023 17:54

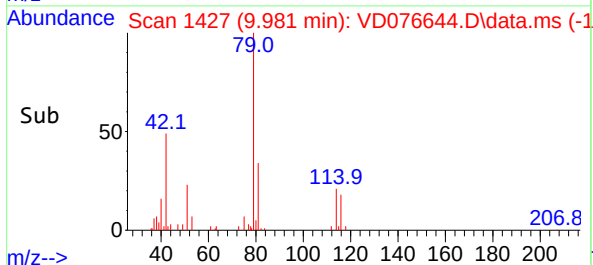
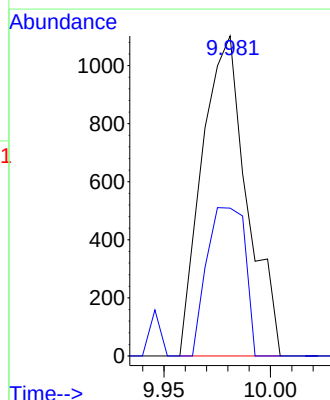
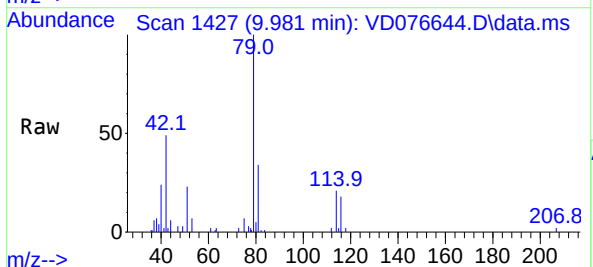
Instrument :
MSVOA_D
ClientSampleId :

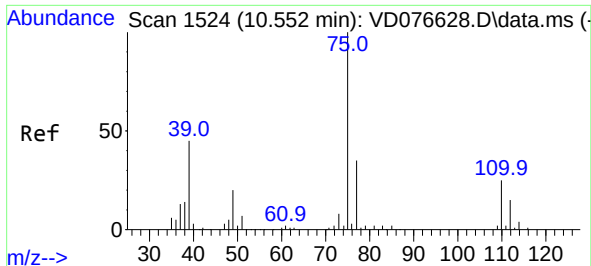
Tgt Ion: 63 Resp: 4998
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.684 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD076644.D
Acq: 29 Jun 2023 17:54

Tgt Ion: 75 Resp: 1614
Ion Ratio Lower Upper
75 100
77 46.2 22.7 42.3#

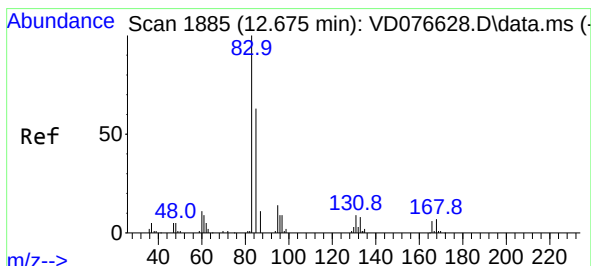
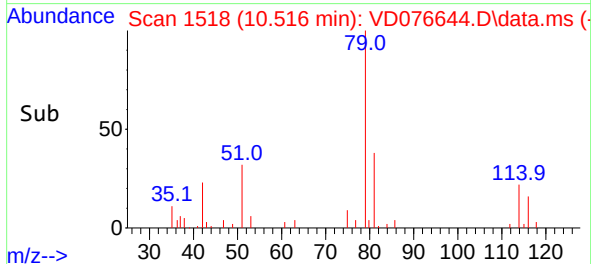
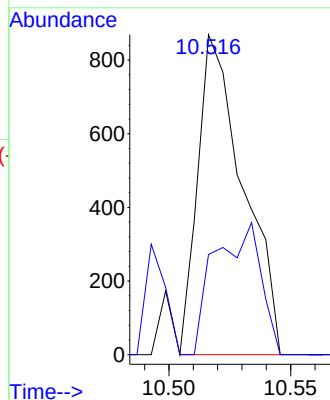
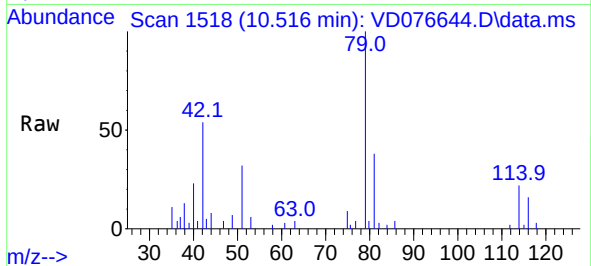




#44
trans-1,3-Dichloropropene
Concen: 0.588 ug/L
RT: 10.516 min Scan# 1128
Delta R.T. -0.035 min
Lab File: VD076644.D
Acq: 29 Jun 2023 17:54

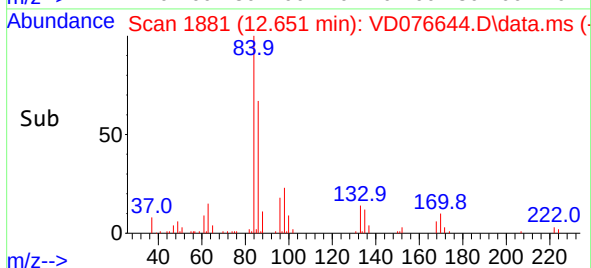
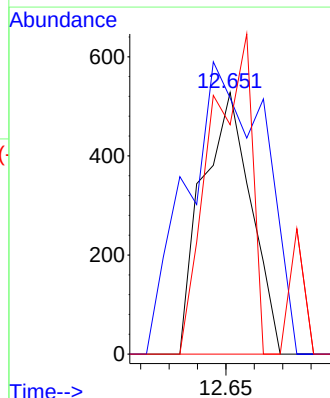
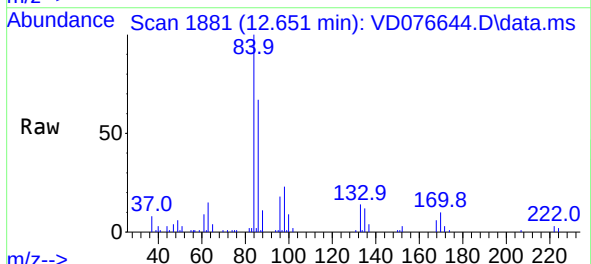
Instrument :
MSVOA_D
ClientSampleId :

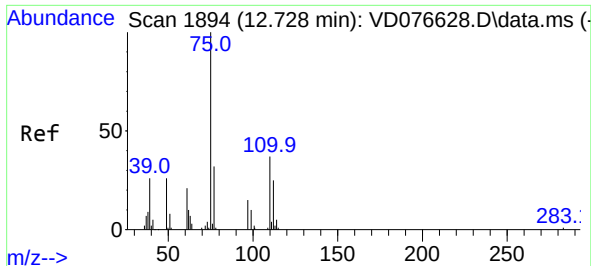
Tgt Ion: 75 Resp: 1128
Ion Ratio Lower Upper
75 100
77 31.3 22.5 41.7



#57
1,1,2,2-Tetrachloroethane
Concen: 0.520 ug/L
RT: 12.651 min Scan# 1881
Delta R.T. -0.023 min
Lab File: VD076644.D
Acq: 29 Jun 2023 17:54

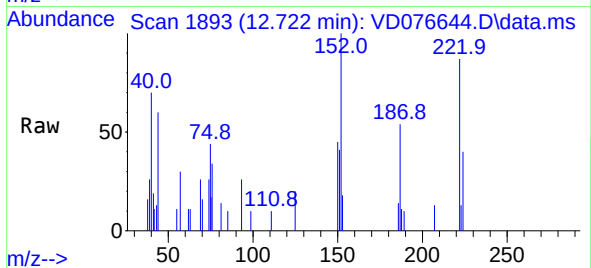
Tgt Ion: 83 Resp: 630
Ion Ratio Lower Upper
83 100
85 97.9 46.3 86.1#
131 87.7 7.0 10.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.022 ug/L
 RT: 12.722 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD076644.D
 Acq: 29 Jun 2023 17:54

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75	Resp: 520
Ion Ratio	Lower Upper
75	100
77	16.3 27.2 40.8#
110	0.0 31.8 47.6#

