

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
 Data File : VD076617.D
 Acq On : 28 Jun 2023 15:33
 Operator : KP/SY
 Sample : 03422-20RE
 Misc : 4.49G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46L7RE

Quant Time: Jun 29 01:30:36 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)

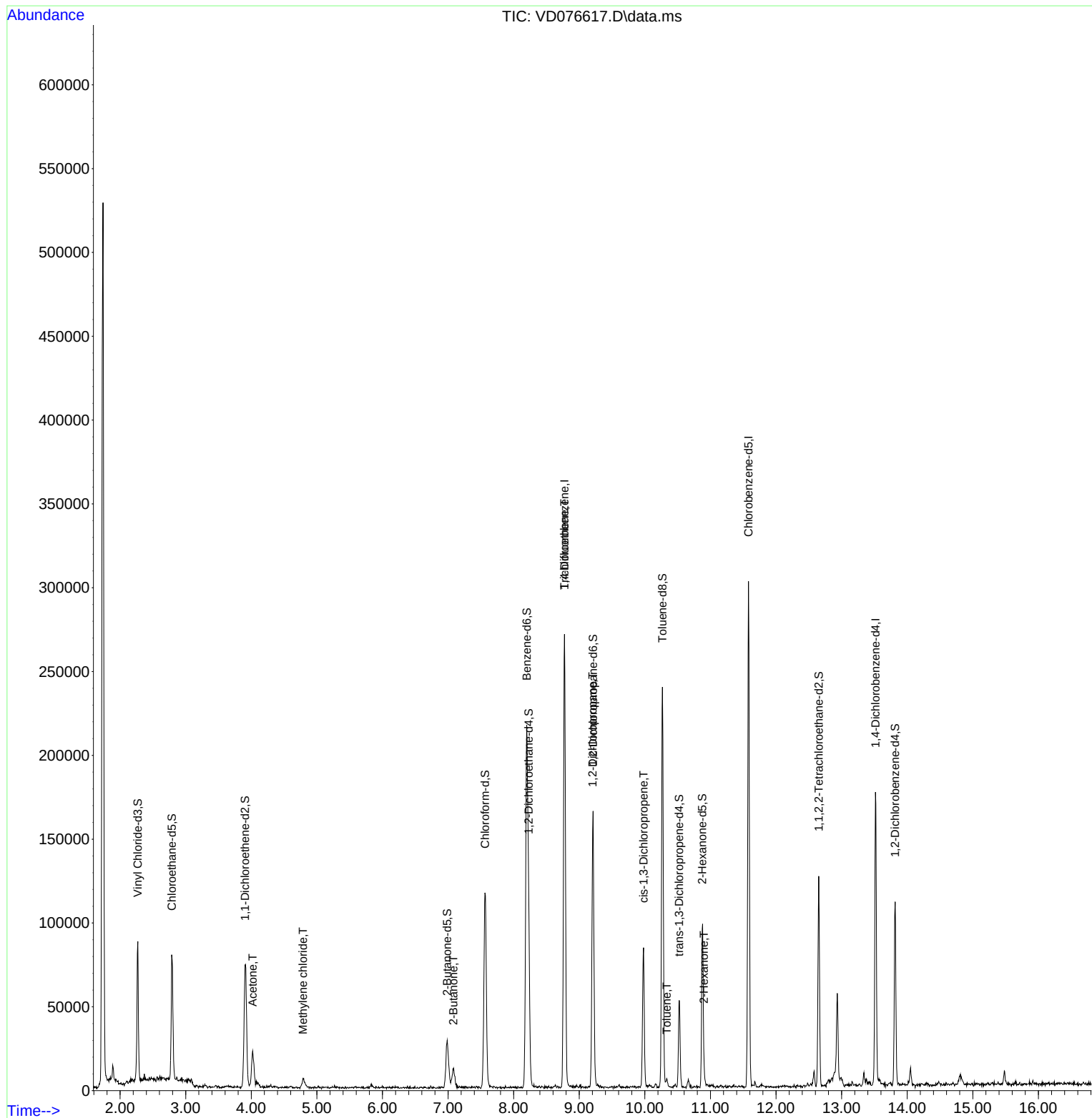
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	236079	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	163908	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	45306	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	69802	12.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.560%
7) Chloroethane-d5	2.787	69	70309	15.124	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.480%
11) 1,1-Dichloroethene-d2	3.904	65	21991	14.654	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.600%
21) 2-Butanone-d5	6.987	46	49942	57.358	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.720%
24) Chloroform-d	7.563	84	120824	19.426	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.720%
26) 1,2-Dichloroethane-d4	8.228	65	68694	22.388	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.560%
32) Benzene-d6	8.198	84	221263	22.068	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.280%
36) 1,2-Dichloropropane-d6	9.210	67	78399	24.496	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.000%
41) Toluene-d8	10.269	98	162819	17.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.160%
43) trans-1,3-Dichloroprop...	10.522	79	29887	22.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.800%
47) 2-Hexanone-d5	10.875	63	32502	65.422	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.840%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	60258	26.464	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.840%
66) 1,2-Dichlorobenzene-d4	13.816	152	29141	17.548	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.200%#
Target Compounds					Qvalue	
13) Acetone	4.022	43	35074	49.873	ug/L	99
16) Methylene chloride	4.787	84	3299	0.804	ug/L #	74
22) 2-Butanone	7.081	43	17146	15.108	ug/L	91
34) Trichloroethene	8.775	95	7200	2.584	ug/L #	4
37) 1,2-Dichloropropane	9.204	63	8513	2.878	ug/L #	88
39) cis-1,3-Dichloropropene	9.980	75	2439	0.540	ug/L #	64
42) Toluene	10.333	91	3435	0.296	ug/L	98
48) 2-Hexanone	10.898	43	1804	1.432	ug/L #	29

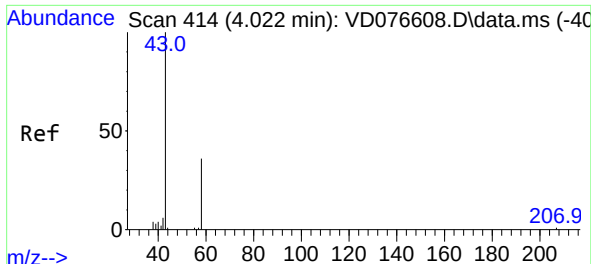
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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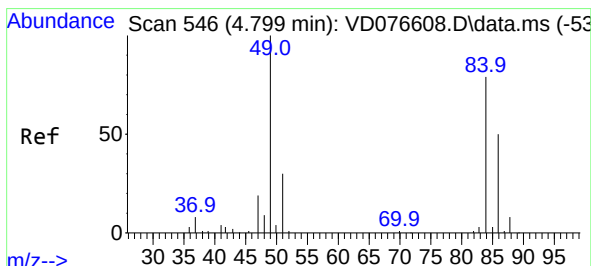
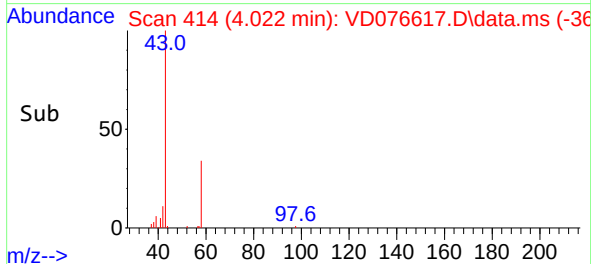
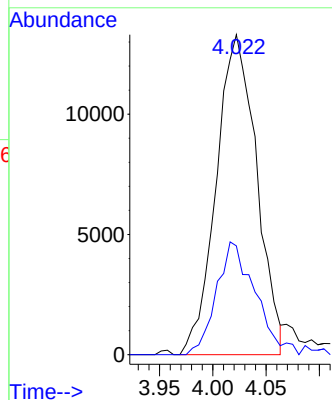
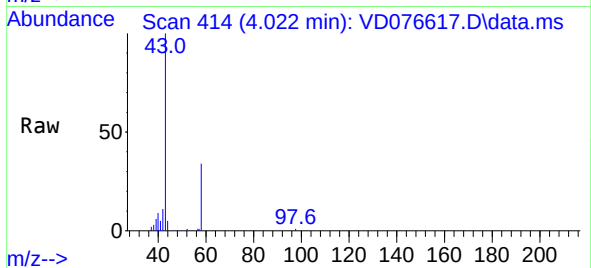




#13
Acetone
Concen: 49.873 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076617.D
Acq: 28 Jun 2023 15:33

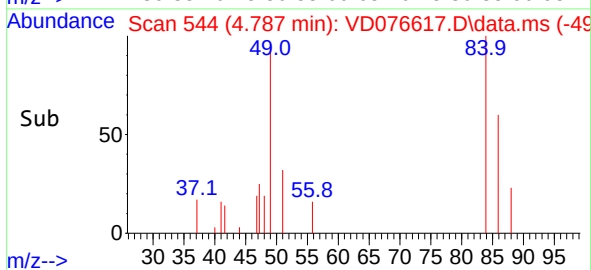
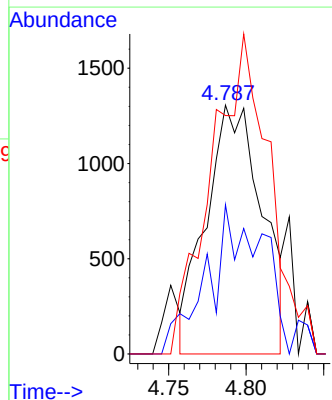
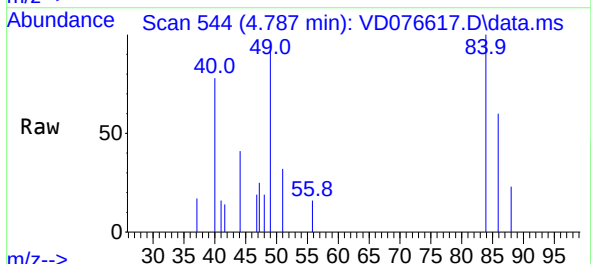
Instrument :
MSVOA_D
ClientSampleId :
A46L7RE

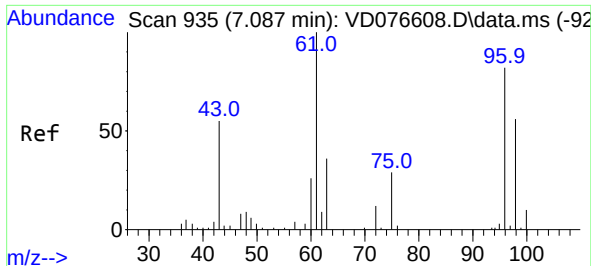
Tgt Ion: 43 Resp: 35074
Ion Ratio Lower Upper
43 100
58 32.9 0.0 67.4



#16
Methylene chloride
Concen: 0.804 ug/L
RT: 4.787 min Scan# 544
Delta R.T. -0.000 min
Lab File: VD076617.D
Acq: 28 Jun 2023 15:33

Tgt Ion: 84 Resp: 3299
Ion Ratio Lower Upper
84 100
86 60.0 45.1 83.9
49 95.9 97.2 180.6#

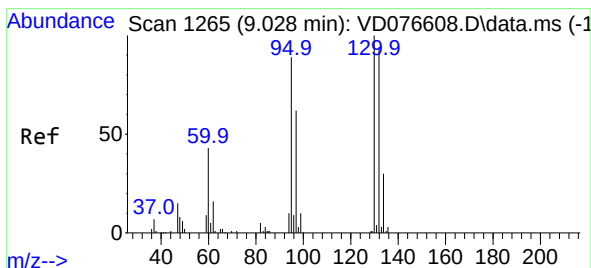
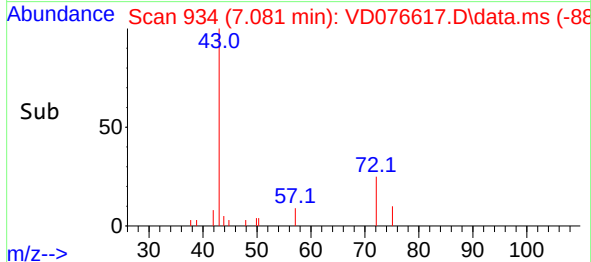
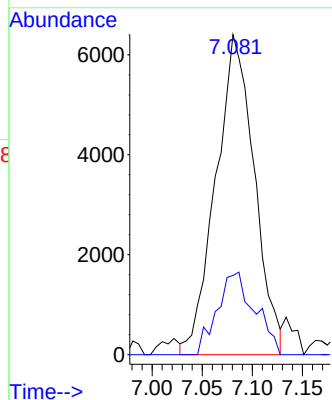
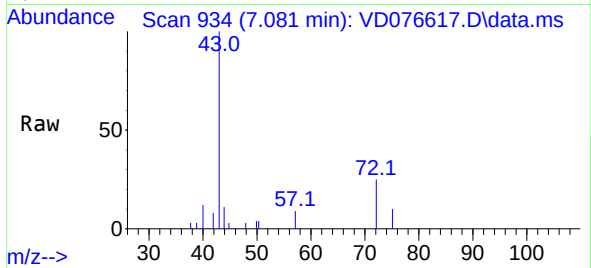




#22
2-Butanone
Concen: 15.108 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076617.D
Acq: 28 Jun 2023 15:33

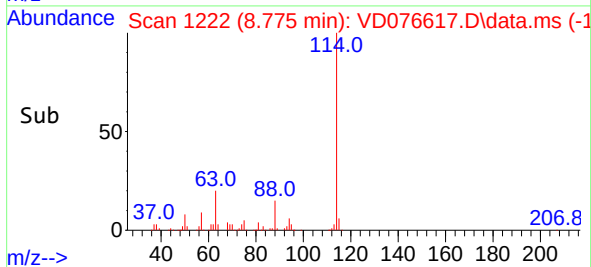
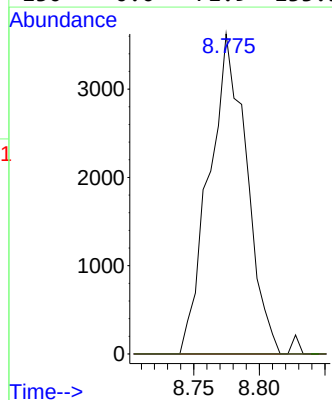
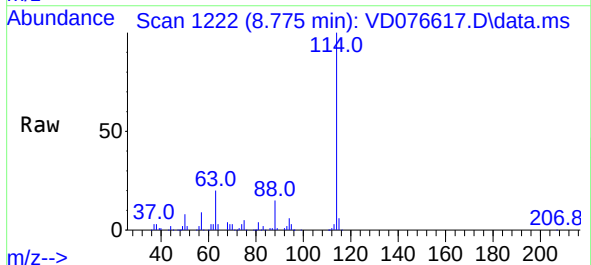
Instrument :
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ClientSampleId :
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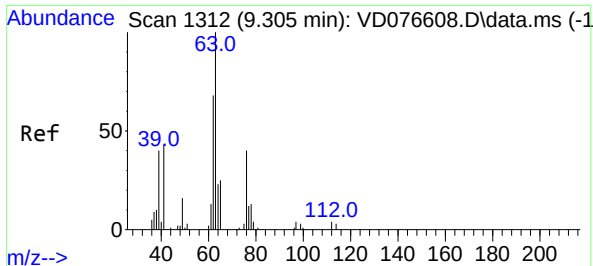
Tgt Ion: 43 Resp: 17146
Ion Ratio Lower Upper
43 100
72 21.4 12.9 38.7



#34
Trichloroethene
Concen: 2.584 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD076617.D
Acq: 28 Jun 2023 15:33

Tgt Ion: 95 Resp: 7200
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#

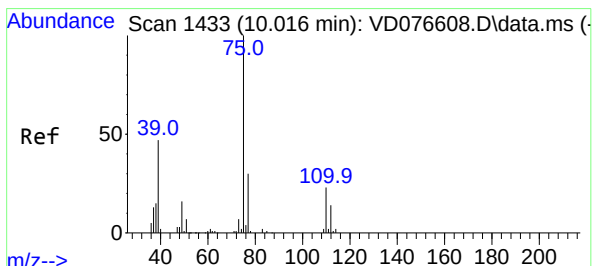
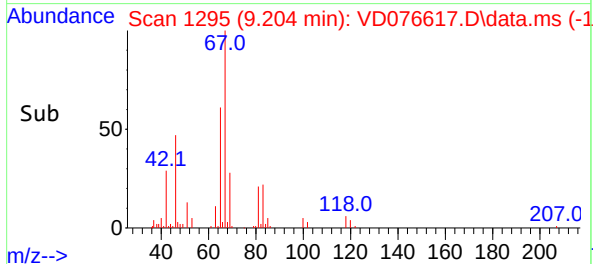
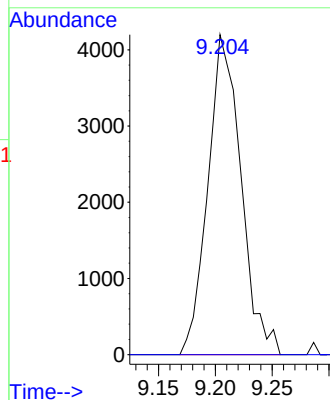
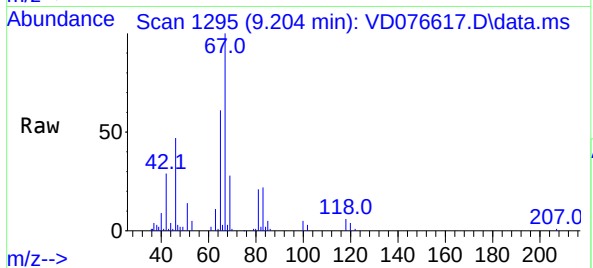




#37
1,2-Dichloropropane
Concen: 2.878 ug/L
RT: 9.204 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD076617.D
Acq: 28 Jun 2023 15:33

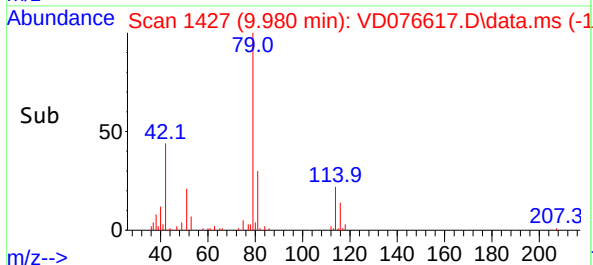
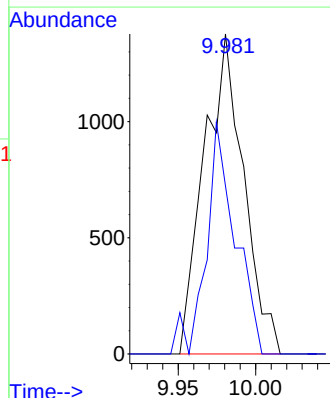
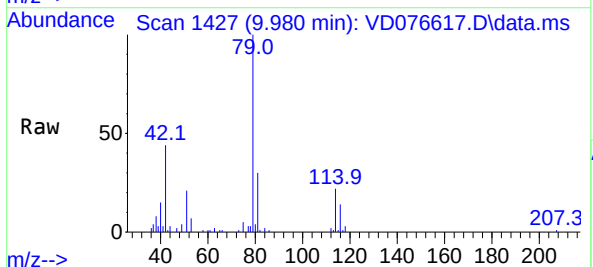
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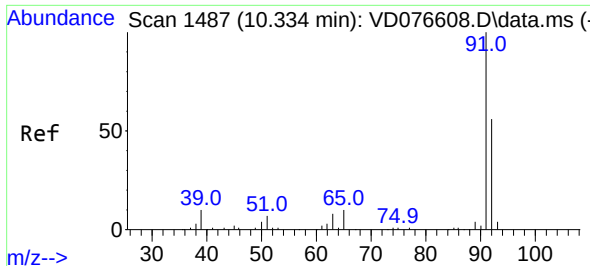
Tgt Ion: 63 Resp: 8513
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.540 ug/L
RT: 9.980 min Scan# 1427
Delta R.T. -0.036 min
Lab File: VD076617.D
Acq: 28 Jun 2023 15:33

Tgt Ion: 75 Resp: 2439
Ion Ratio Lower Upper
75 100
77 52.5 22.7 42.3#

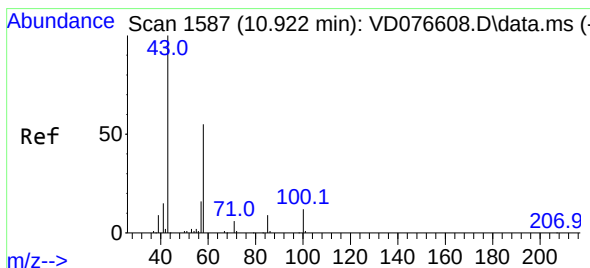
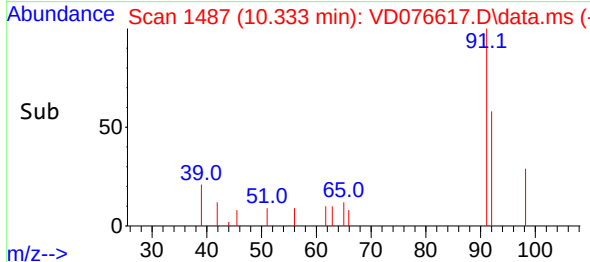
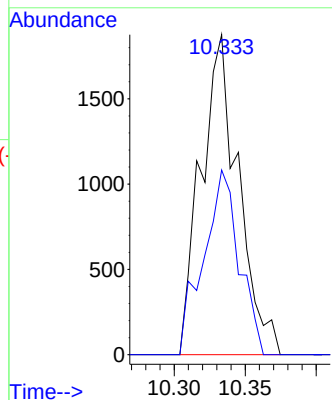
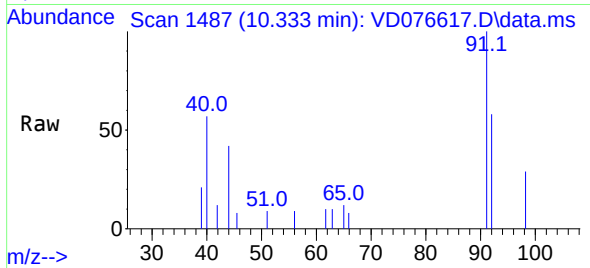




#42
Toluene
Concen: 0.296 ug/L
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076617.D
Acq: 28 Jun 2023 15:33

Instrument :
MSVOA_D
ClientSampleId :
A46L7RE

Tgt Ion: 91 Resp: 3435
Ion Ratio Lower Upper
91 100
92 57.7 39.3 73.1



#48
2-Hexanone
Concen: 1.432 ug/L
RT: 10.898 min Scan# 1583
Delta R.T. -0.024 min
Lab File: VD076617.D
Acq: 28 Jun 2023 15:33

Tgt Ion: 43 Resp: 1804
Ion Ratio Lower Upper
43 100
58 12.9 42.9 64.3#
57 78.1 13.7 20.5#
100 0.0 9.4 14.0#

