

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
 Data File : VD076619.D
 Acq On : 28 Jun 2023 16:31
 Operator : KP/SY
 Sample : 02422-21
 Misc : 5.63G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46G0

Quant Time: Jun 29 01:30:50 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)

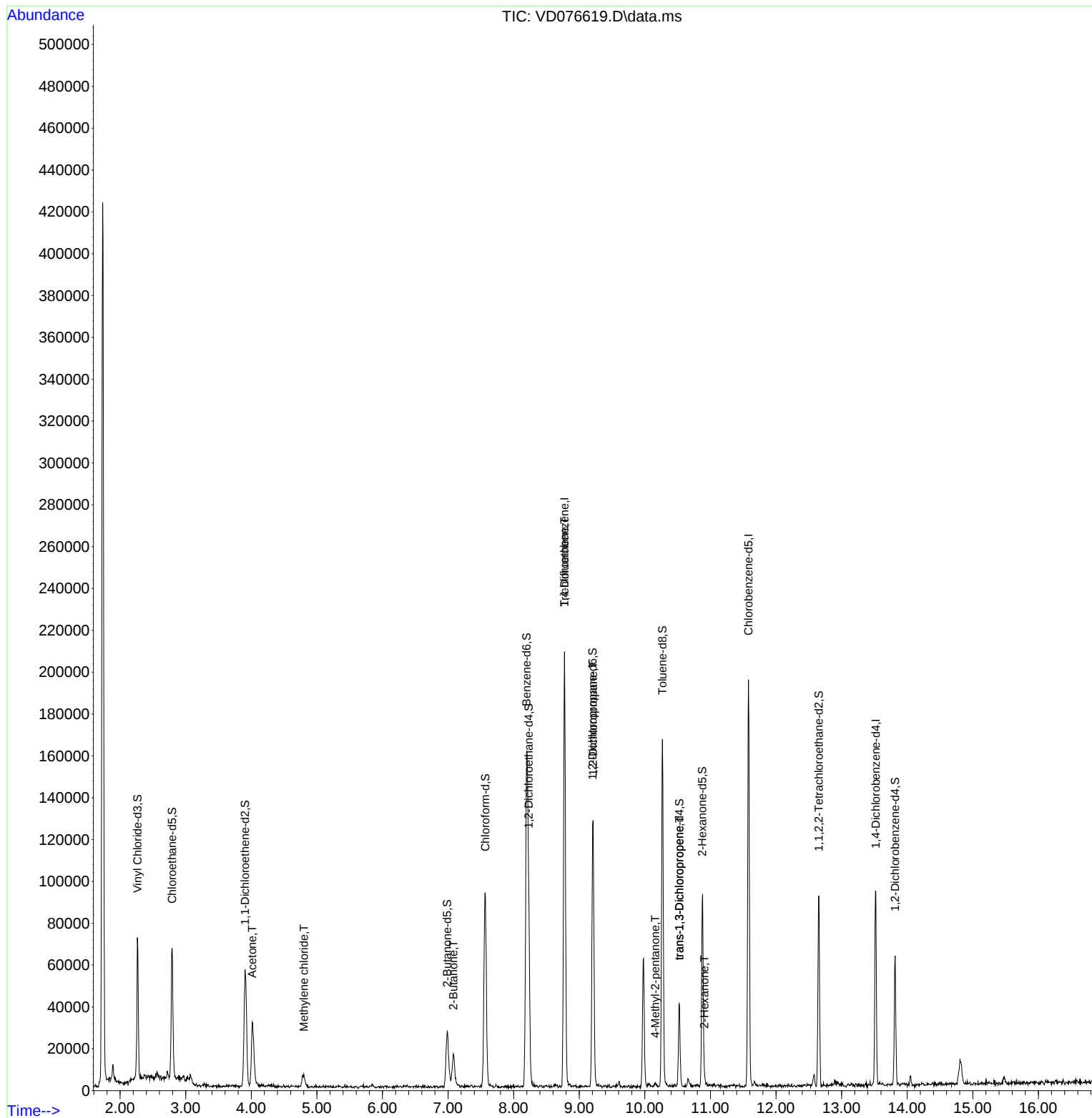
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	177736	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	108574	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	24371	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	56782	13.119	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.480%
7) Chloroethane-d5	2.793	69	61235	17.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.000%
11) 1,1-Dichloroethene-d2	3.905	65	15887	14.061	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.240%
21) 2-Butanone-d5	6.987	46	44760	68.281	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.560%#
24) Chloroform-d	7.569	84	96292	20.564	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.240%
26) 1,2-Dichloroethane-d4	8.228	65	58545	25.343	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.360%
32) Benzene-d6	8.199	84	167694	25.249	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	9.204	67	63837	30.112	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.440%#
41) Toluene-d8	10.269	98	113263	18.417	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.680%
43) trans-1,3-Dichloroprop...	10.528	79	21365	24.229	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.920%
47) 2-Hexanone-d5	10.875	63	31539	95.838	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	191.680%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	45582	30.221	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.880%#
66) 1,2-Dichlorobenzene-d4	13.816	152	15452	17.298	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.200%#
Target Compounds						
					Qvalue	
13) Acetone	4.016	43	53201	100.481	ug/L	99
16) Methylene chloride	4.805	84	3456	1.119	ug/L	86
22) 2-Butanone	7.081	43	24073	28.174	ug/L	85
34) Trichloroethene	8.775	95	5436	2.945	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	7515	3.836	ug/L #	88
40) 4-Methyl-2-pentanone	10.157	43	1180	0.968	ug/L #	74
44) trans-1,3-Dichloropropene	10.528	75	1228	0.505	ug/L #	43
48) 2-Hexanone	10.910	43	1365	1.635	ug/L #	44

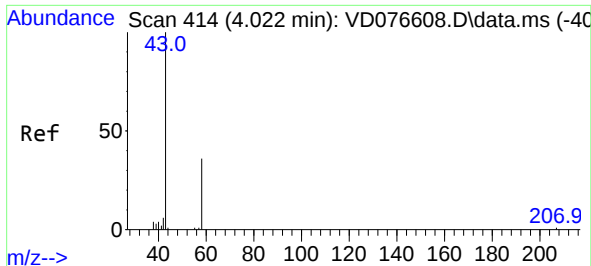
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

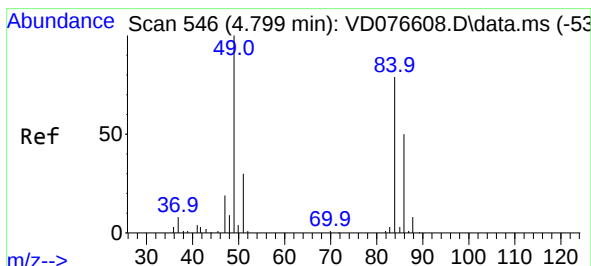
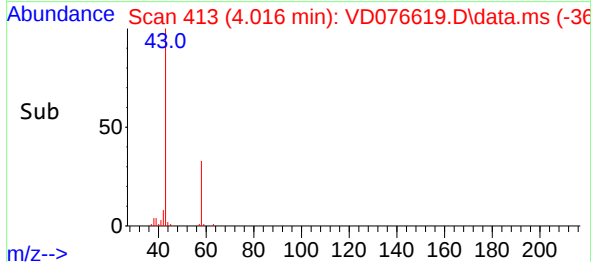
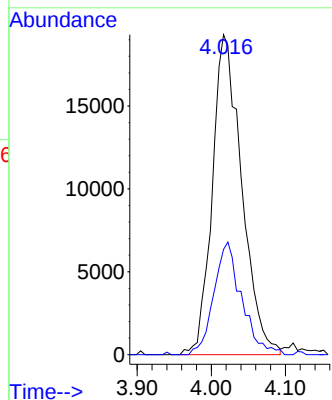
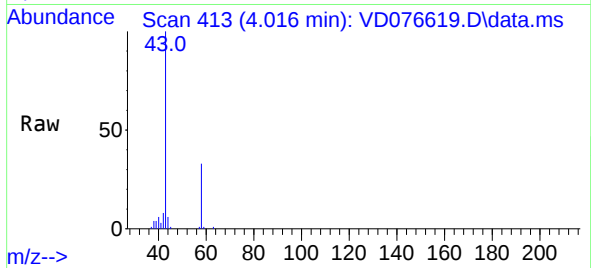




#13
Acetone
Concen: 100.481 ug/L
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076619.D
Acq: 28 Jun 2023 16:31

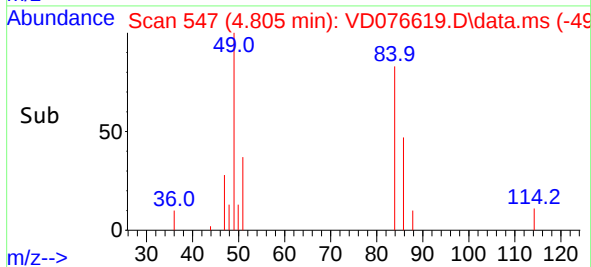
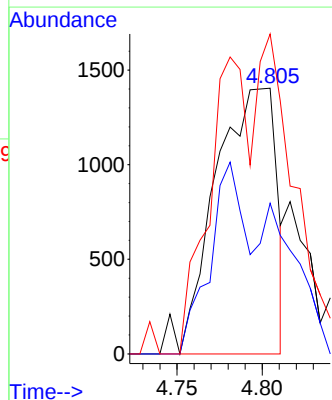
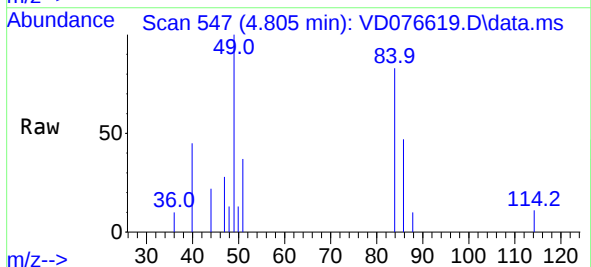
Instrument :
MSVOA_D
ClientSampleId :
A46G0

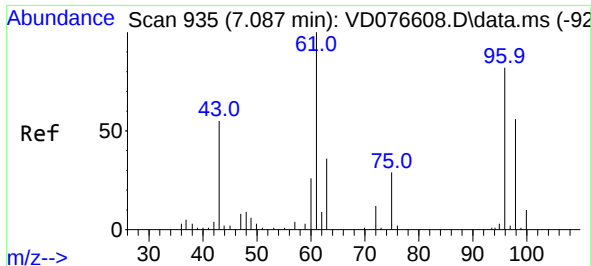
Tgt Ion: 43 Resp: 53201
Ion Ratio Lower Upper
43 100
58 33.2 0.0 67.4



#16
Methylene chloride
Concen: 1.119 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.018 min
Lab File: VD076619.D
Acq: 28 Jun 2023 16:31

Tgt Ion: 84 Resp: 3456
Ion Ratio Lower Upper
84 100
86 56.7 45.1 83.9
49 120.4 97.2 180.6

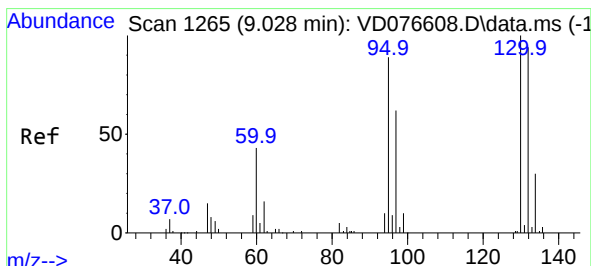
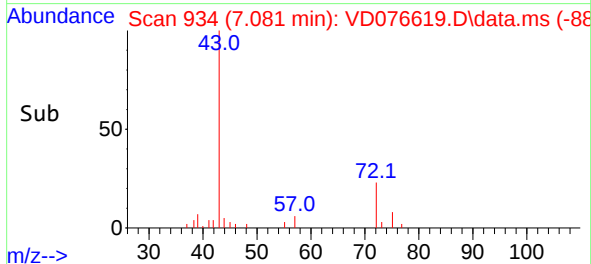
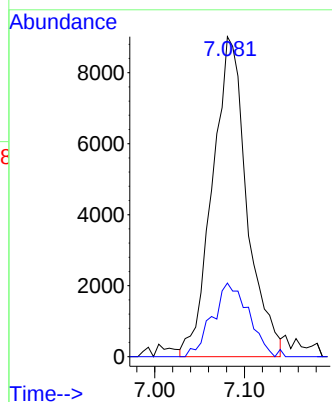
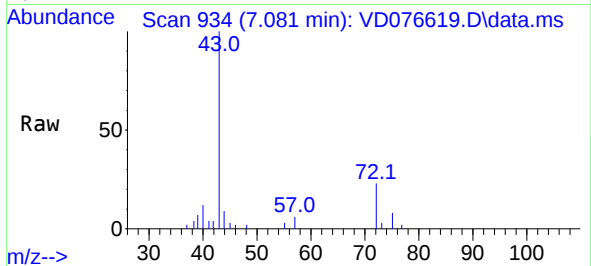




#22
2-Butanone
Concen: 28.174 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076619.D
Acq: 28 Jun 2023 16:31

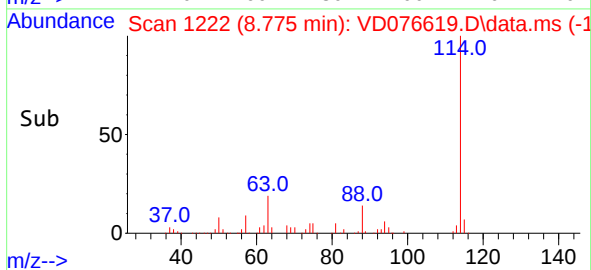
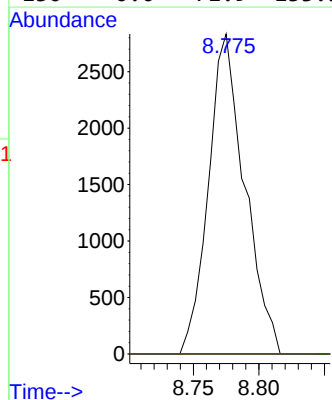
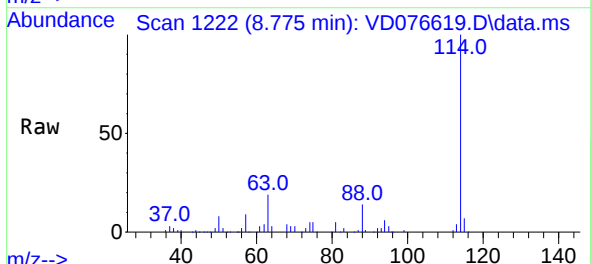
Instrument :
MSVOA_D
ClientSampleId :
A46G0

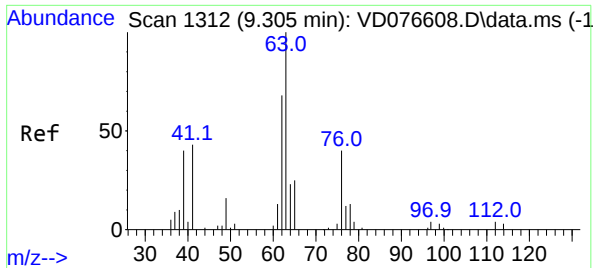
Tgt Ion: 43 Resp: 24073
Ion Ratio Lower Upper
43 100
72 18.1 12.9 38.7



#34
Trichloroethene
Concen: 2.945 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD076619.D
Acq: 28 Jun 2023 16:31

Tgt Ion: 95 Resp: 5436
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#

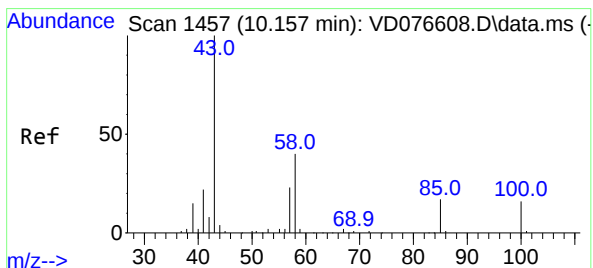
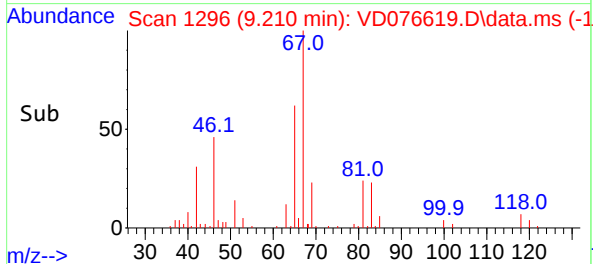
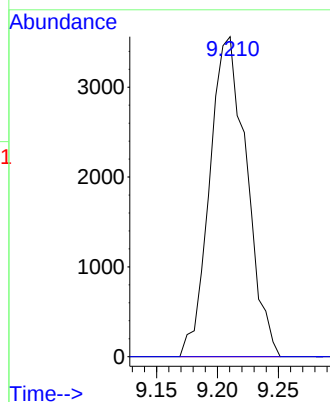
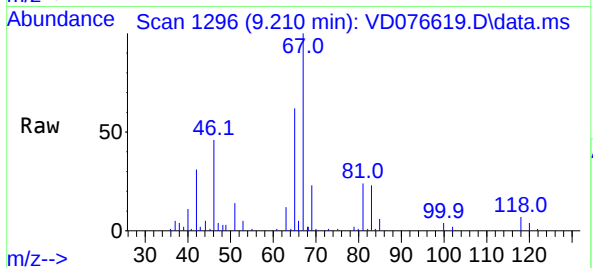




#37
1,2-Dichloropropane
Concen: 3.836 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076619.D
Acq: 28 Jun 2023 16:31

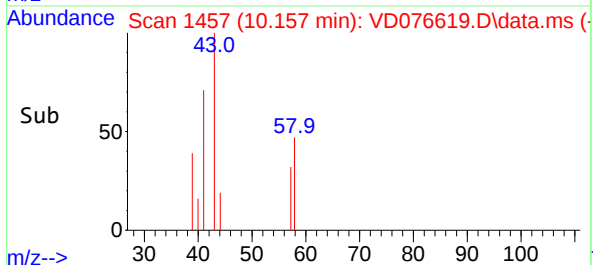
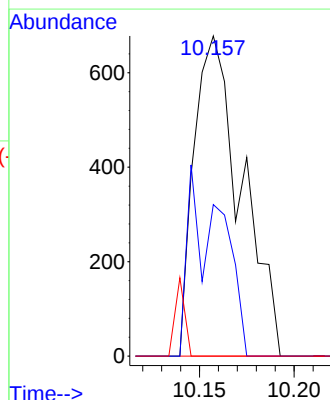
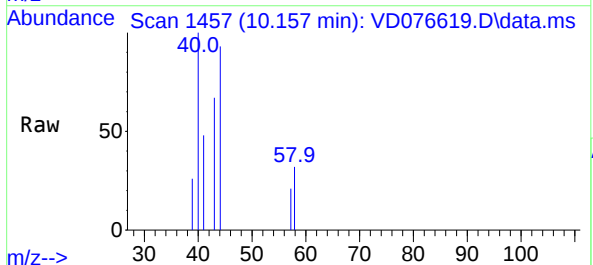
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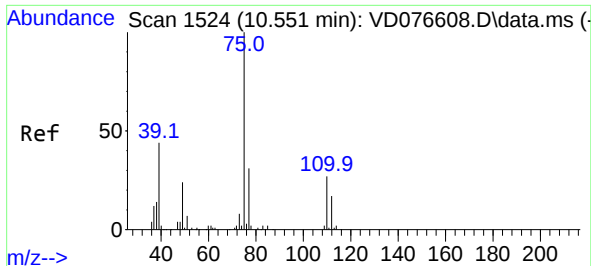
Tgt Ion: 63 Resp: 7515
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#40
4-Methyl-2-pentanone
Concen: 0.968 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076619.D
Acq: 28 Jun 2023 16:31

Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
58 24.3 30.7 46.1#
100 0.0 11.0 16.4#

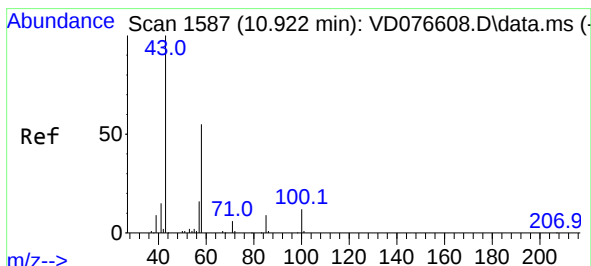
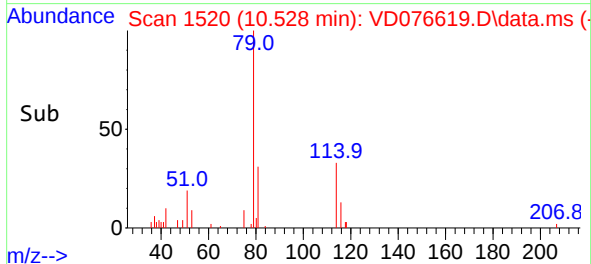
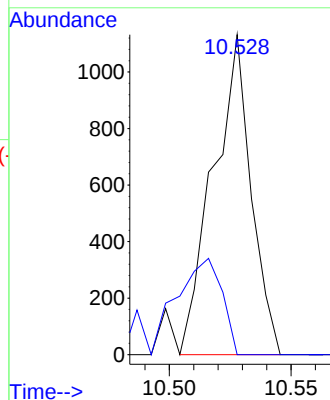
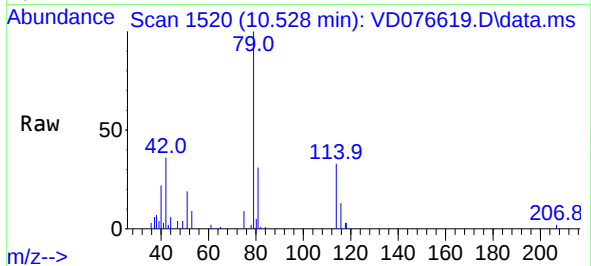




#44
trans-1,3-Dichloropropene
Concen: 0.505 ug/L
RT: 10.528 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD076619.D
Acq: 28 Jun 2023 16:31

Instrument :
MSVOA_D
ClientSampleId :
A46G0

Tgt Ion: 75 Resp: 1228
Ion Ratio Lower Upper
75 100
77 0.0 22.5 41.7#



#48
2-Hexanone
Concen: 1.635 ug/L
RT: 10.910 min Scan# 1585
Delta R.T. -0.012 min
Lab File: VD076619.D
Acq: 28 Jun 2023 16:31

Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
58 0.0 42.9 64.3#
57 10.5 13.7 20.5#
100 0.0 9.4 14.0#

