

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
 Data File : VD076613.D
 Acq On : 28 Jun 2023 13:36
 Operator : KP/SY
 Sample : 03422-03RE
 Misc : 4.74G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46J2RE

Quant Time: Jun 29 01:30:08 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)

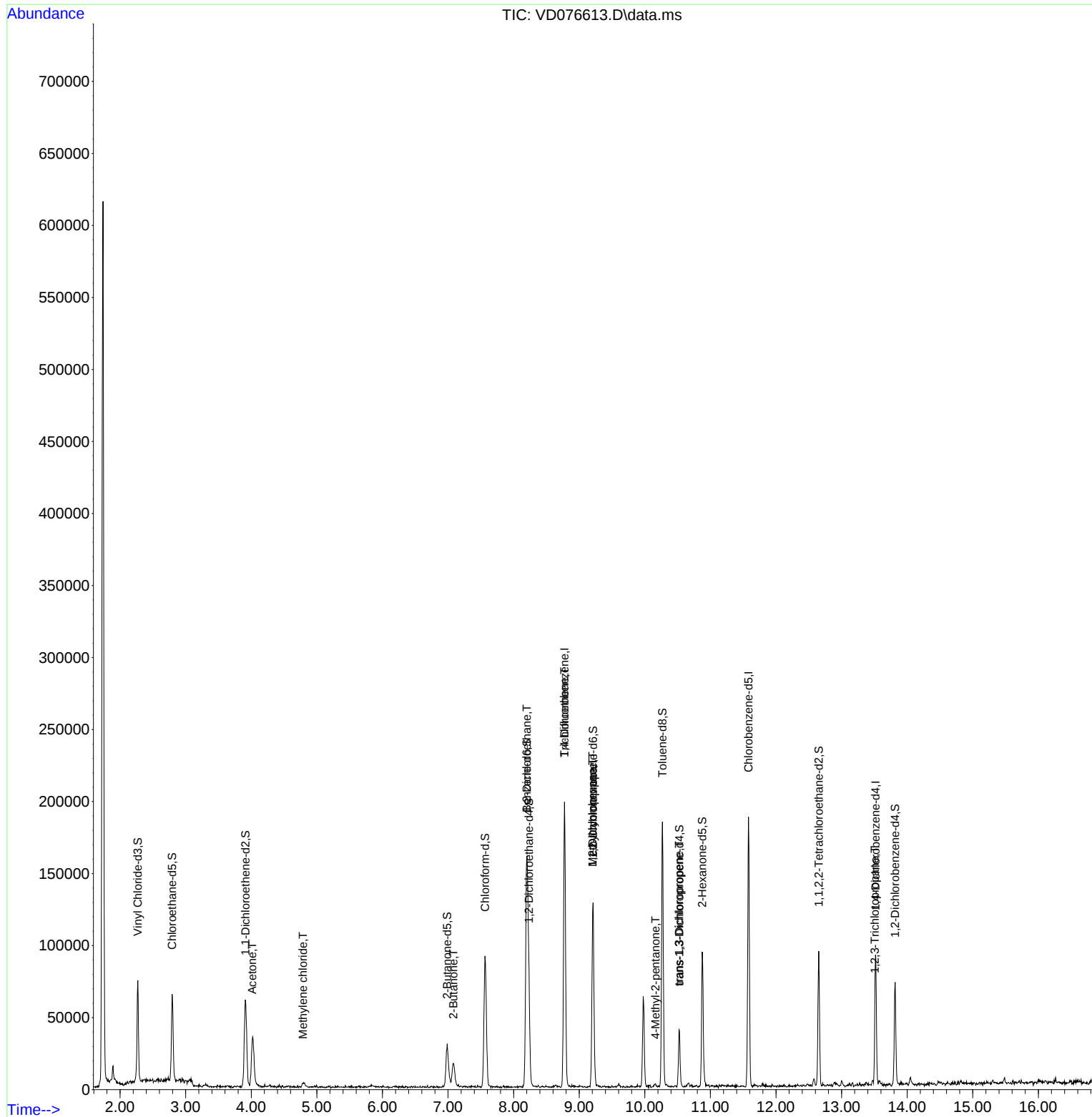
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	169802	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	105043	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	24042	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	58771	14.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.840%
7) Chloroethane-d5	2.793	69	57701	17.257	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.040%
11) 1,1-Dichloroethene-d2	3.911	65	16910	15.666	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.680%
21) 2-Butanone-d5	6.987	46	50533	80.690	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	161.380%#
24) Chloroform-d	7.563	84	92965	20.781	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.120%
26) 1,2-Dichloroethane-d4	8.234	65	55175	25.001	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	8.199	84	167305	26.037	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.160%
36) 1,2-Dichloropropane-d6	9.210	67	60949	29.716	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.880%
41) Toluene-d8	10.269	98	124092	20.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.440%
43) trans-1,3-Dichloroprop...	10.528	79	21025	24.645	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.600%
47) 2-Hexanone-d5	10.875	63	31259	98.180	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	196.360%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	46099	31.592	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.360%#
66) 1,2-Dichlorobenzene-d4	13.816	152	18426	20.909	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.640%
Target Compounds						
					Qvalue	
13) Acetone	4.017	43	61542	121.666	ug/L	99
16) Methylene chloride	4.787	84	1274	0.432	ug/L #	43
22) 2-Butanone	7.081	43	28941	35.454	ug/L	95
27) 1,2-Dichloroethane	8.199	62	1129	0.419	ug/L #	71
34) Trichloroethene	8.775	95	4693	2.628	ug/L #	4
35) Methylcyclohexane	9.205	83	13611	4.726	ug/L #	20
37) 1,2-Dichloropropane	9.205	63	7215	3.807	ug/L #	88
40) 4-Methyl-2-pentanone	10.163	43	1379	1.170	ug/L #	96
44) trans-1,3-Dichloropropene	10.522	75	1344	0.571	ug/L #	46
61) 1,2,3-Trichloropropane	13.504	75	1168	2.503	ug/L #	38

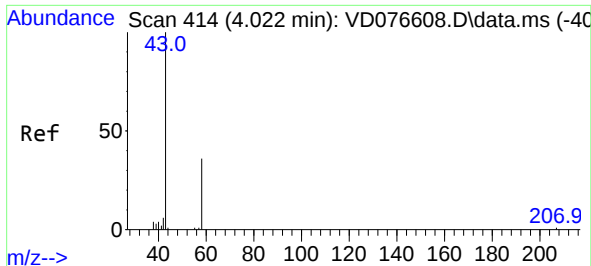
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

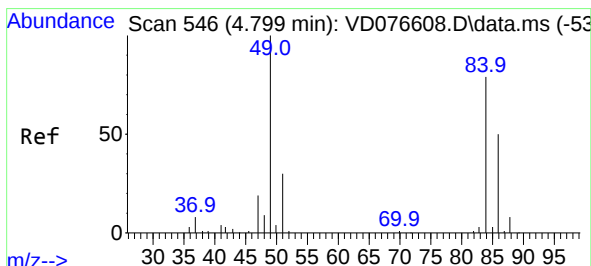
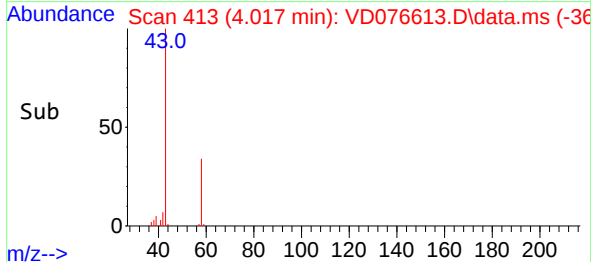
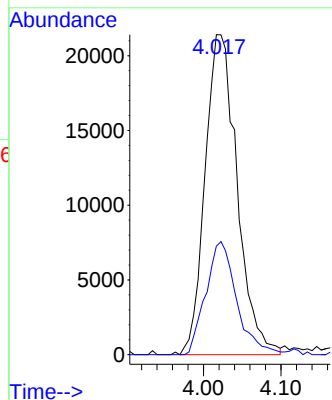
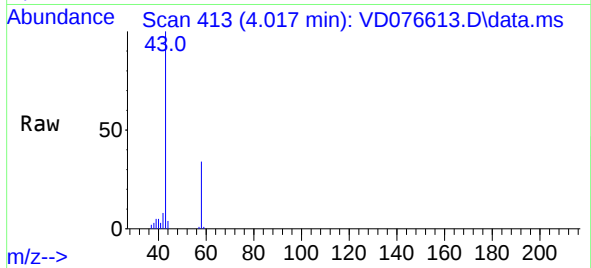




#13
Acetone
Concen: 121.666 ug/L
RT: 4.017 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076613.D
Acq: 28 Jun 2023 13:36

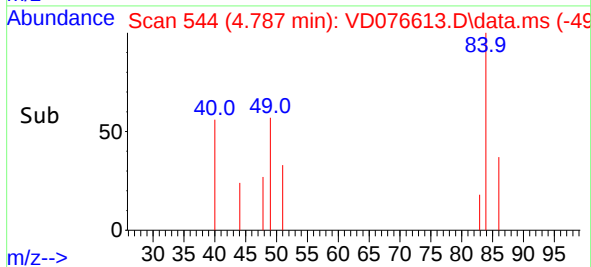
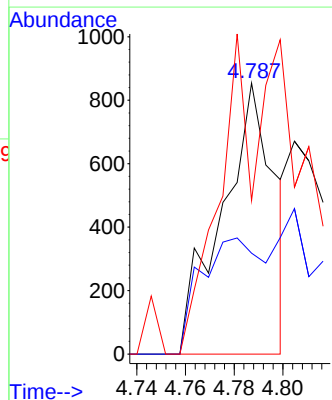
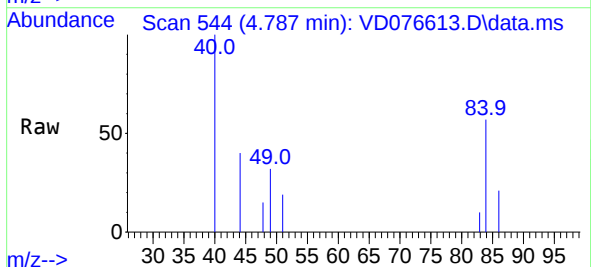
Instrument :
MSVOA_D
ClientSampleId :
A46J2RE

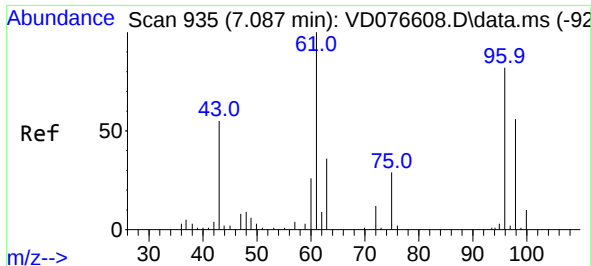
Tgt Ion: 43 Resp: 61542
Ion Ratio Lower Upper
43 100
58 34.1 0.0 67.4



#16
Methylene chloride
Concen: 0.432 ug/L
RT: 4.787 min Scan# 544
Delta R.T. 0.000 min
Lab File: VD076613.D
Acq: 28 Jun 2023 13:36

Tgt Ion: 84 Resp: 1274
Ion Ratio Lower Upper
84 100
86 37.2 45.1 83.9#
49 56.7 97.2 180.6#

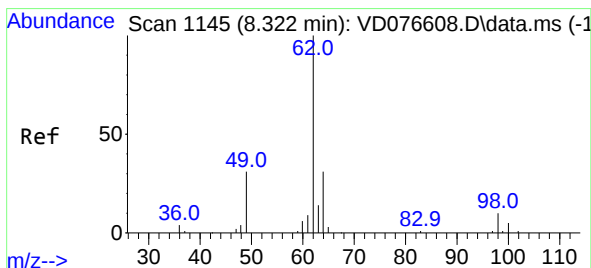
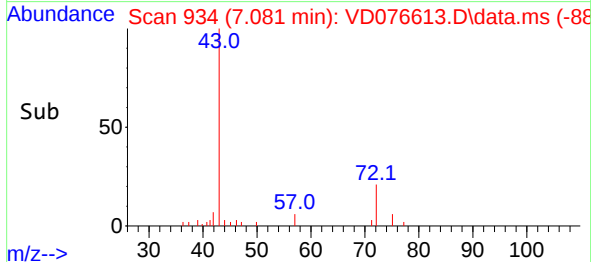
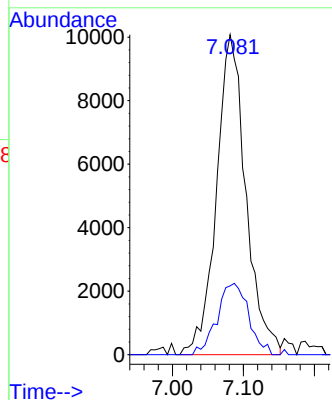
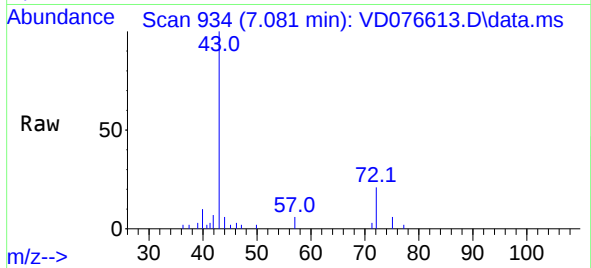




#22
2-Butanone
Concen: 35.454 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076613.D
Acq: 28 Jun 2023 13:36

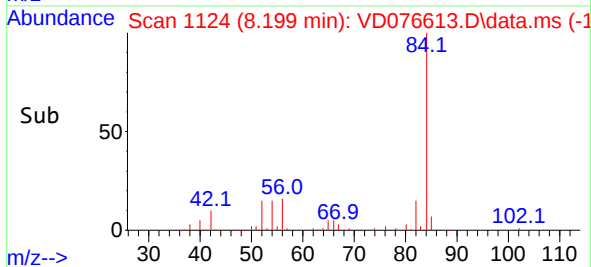
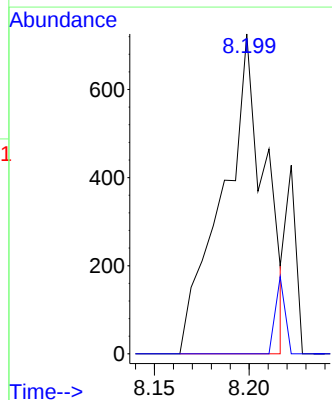
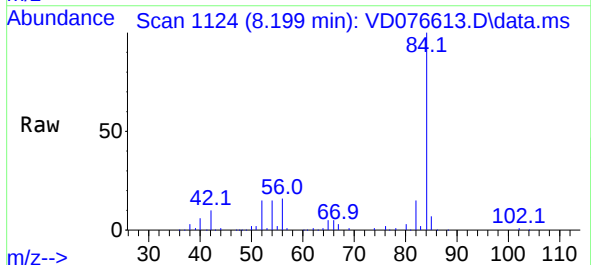
Instrument :
MSVOA_D
ClientSampleId :
A46J2RE

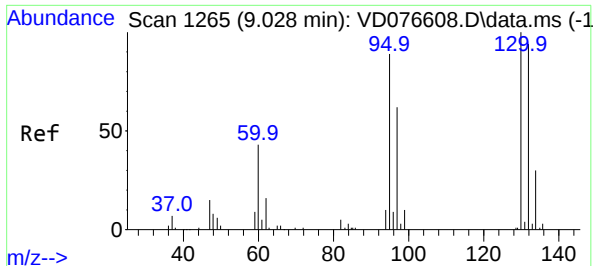
Tgt Ion: 43 Resp: 28941
Ion Ratio Lower Upper
43 100
72 23.0 12.9 38.7



#27
1,2-Dichloroethane
Concen: 0.419 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. -0.124 min
Lab File: VD076613.D
Acq: 28 Jun 2023 13:36

Tgt Ion: 62 Resp: 1129
Ion Ratio Lower Upper
62 100
98 0.0 8.7 13.1#



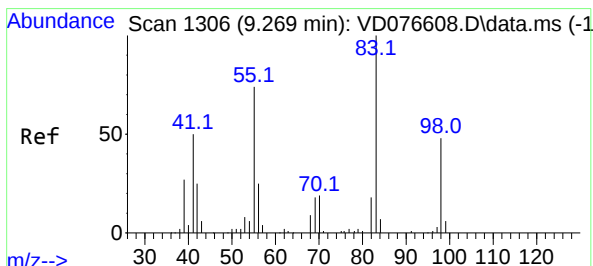
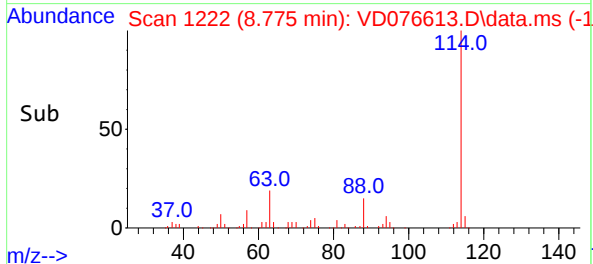
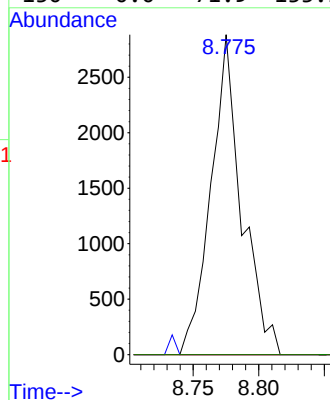
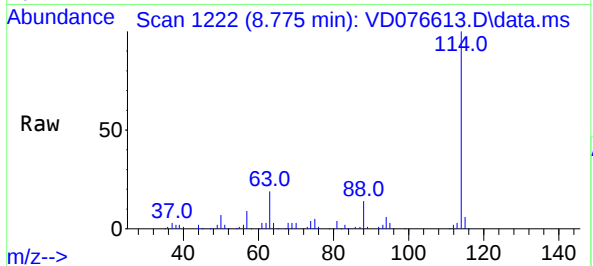


#34
Trichloroethene
Concen: 2.628 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD076613.D
Acq: 28 Jun 2023 13:36

Instrument :
MSVOA_D
ClientSampleId :
A46J2RE

Tgt Ion: 95 Resp: 4693

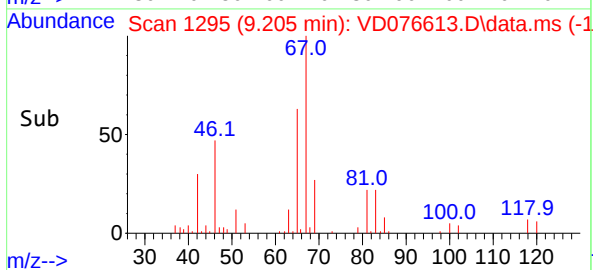
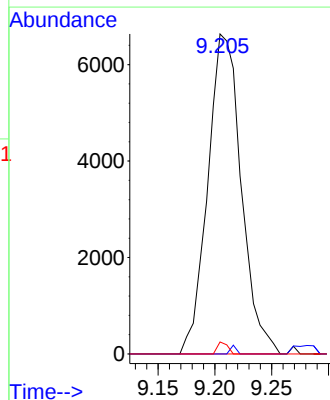
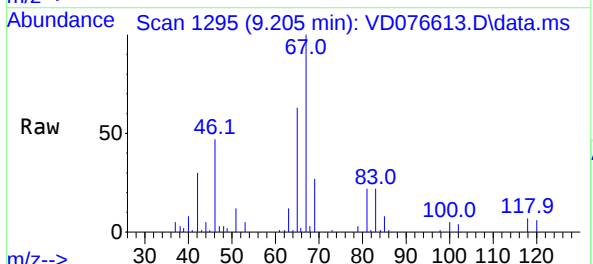
Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.1	80.1#
132	0.0	71.8	133.4#
130	0.0	71.9	133.5#

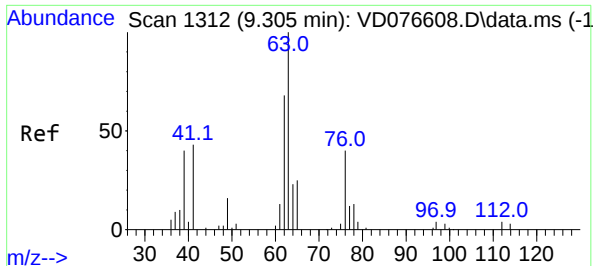


#35
Methylcyclohexane
Concen: 4.726 ug/L
RT: 9.205 min Scan# 1295
Delta R.T. -0.065 min
Lab File: VD076613.D
Acq: 28 Jun 2023 13:36

Tgt Ion: 83 Resp: 13611

Ion	Ratio	Lower	Upper
83	100		
55	0.8	59.8	89.6#
98	1.1	37.8	56.6#

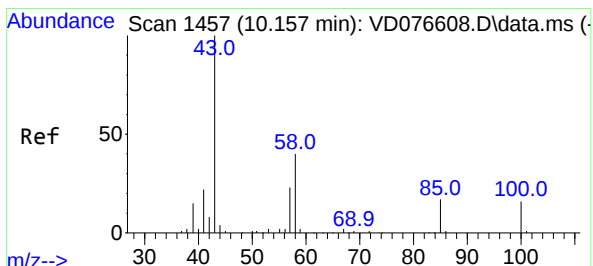
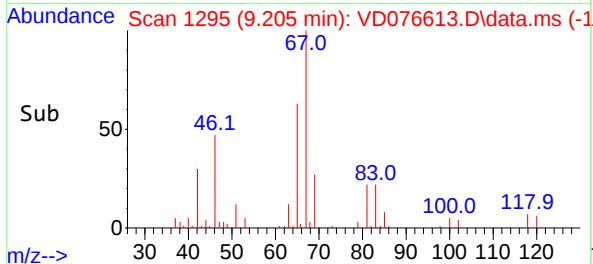
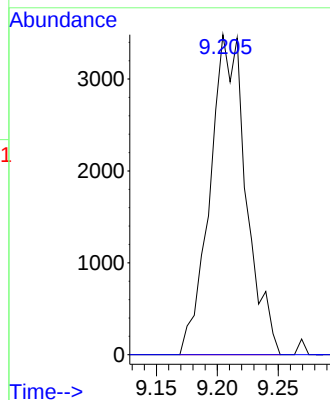
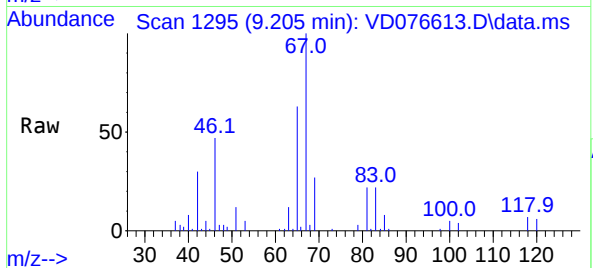




#37
1,2-Dichloropropane
Concen: 3.807 ug/L
RT: 9.205 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD076613.D
Acq: 28 Jun 2023 13:36

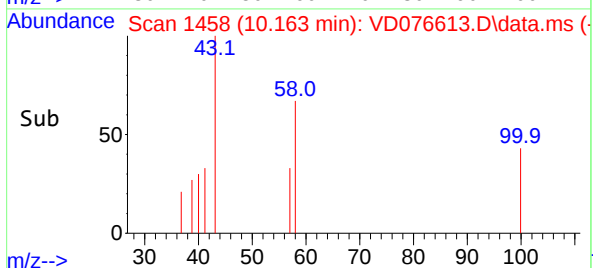
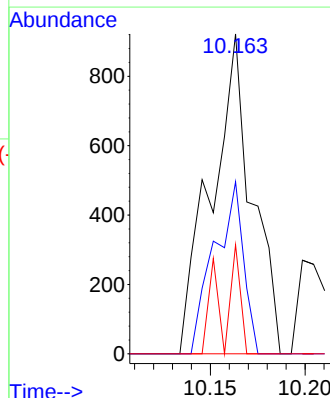
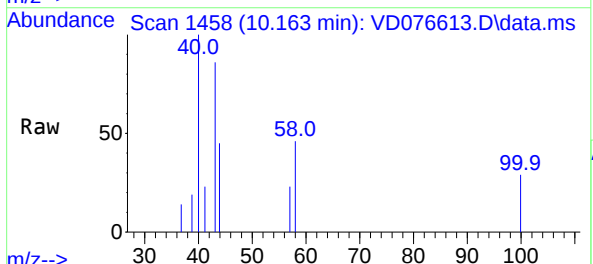
Instrument :
MSVOA_D
ClientSampleId :
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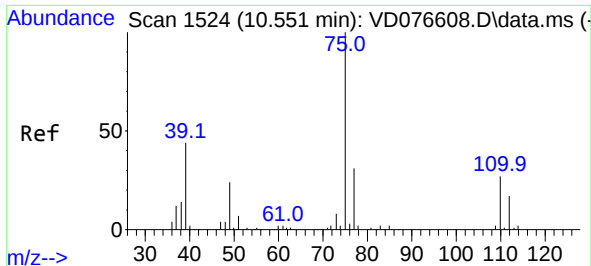
Tgt Ion: 63 Resp: 7215
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#40
4-Methyl-2-pentanone
Concen: 1.170 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD076613.D
Acq: 28 Jun 2023 13:36

Tgt Ion: 43 Resp: 1379
Ion Ratio Lower Upper
43 100
58 38.5 30.7 46.1
100 8.0 11.0 16.4#

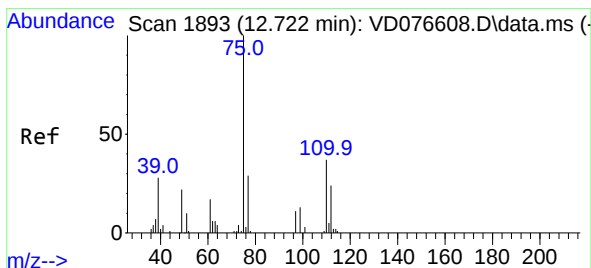
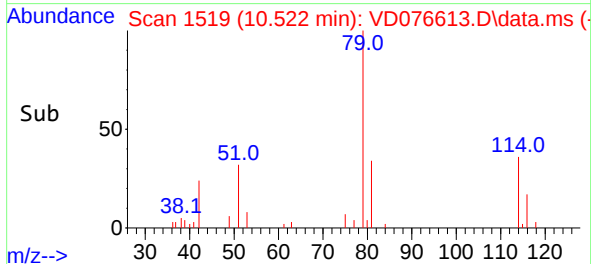
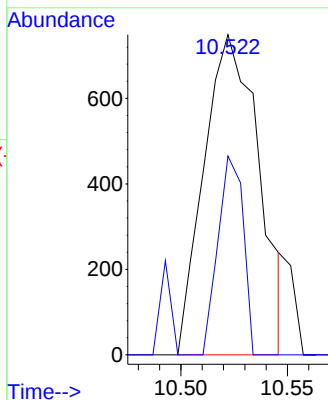
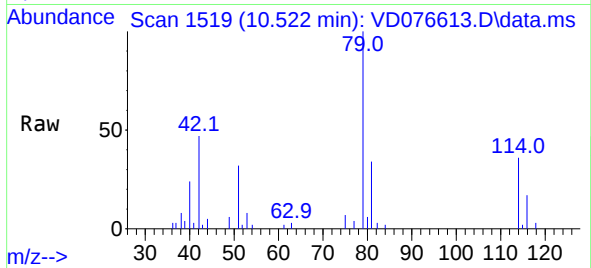




#44
trans-1,3-Dichloropropene
Concen: 0.571 ug/L
RT: 10.522 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD076613.D
Acq: 28 Jun 2023 13:36

Instrument :
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ClientSampleId :
A46J2RE

Tgt Ion: 75 Resp: 1344
Ion Ratio Lower Upper
75 100
77 62.1 22.5 41.7#



#61
1,2,3-Trichloropropane
Concen: 2.503 ug/L
RT: 13.504 min Scan# 2026
Delta R.T. 0.776 min
Lab File: VD076613.D
Acq: 28 Jun 2023 13:36

Tgt Ion: 75 Resp: 1168
Ion Ratio Lower Upper
75 100
77 0.0 27.2 40.8#
110 0.0 31.8 47.6#

