

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076675.D
 Acq On : 30 Jun 2023 20:59
 Operator : KP/SY
 Sample : 03444-07
 Misc : 6.74G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46Q1

Quant Time: Jul 03 01:32:33 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)

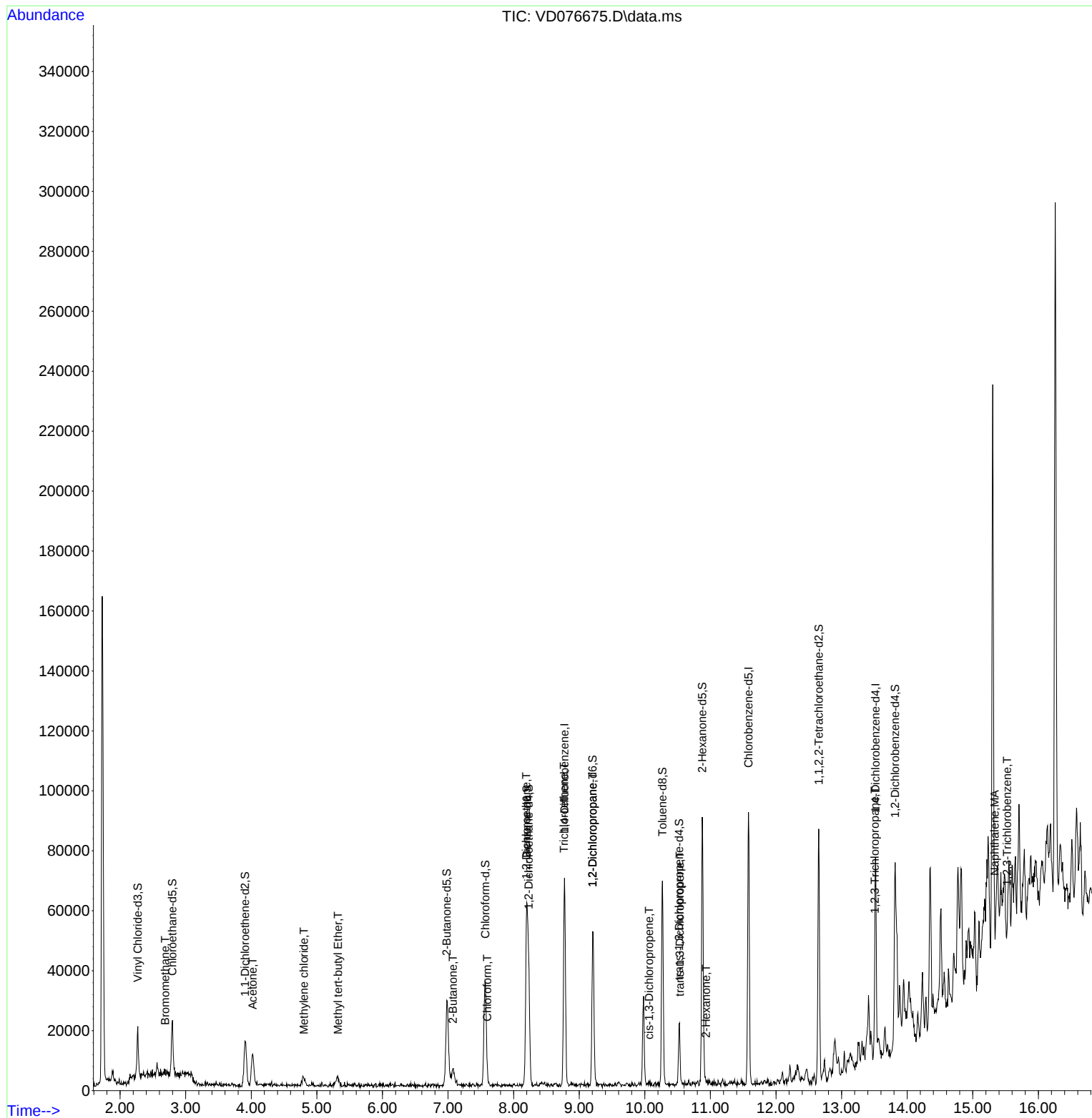
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	60224	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	49589	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	16711	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	12686	8.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	34.600%
7) Chloroethane-d5	2.799	69	15829	13.348	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.400%
11) 1,1-Dichloroethene-d2	3.905	65	4434	11.582	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.320%
21) 2-Butanone-d5	6.981	46	48884	220.081	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	440.160%#
24) Chloroform-d	7.569	84	35576	22.422	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.680%
26) 1,2-Dichloroethane-d4	8.228	65	27953	35.712	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	142.840%#
32) Benzene-d6	8.199	84	59114	19.487	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.960%
36) 1,2-Dichloropropane-d6	9.205	67	24586	25.392	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.560%
41) Toluene-d8	10.269	98	47030	16.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.960%
43) trans-1,3-Dichloroprop...	10.522	79	11295	28.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.200%
47) 2-Hexanone-d5	10.875	63	31363	208.664	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	417.320%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	40503	58.796	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	235.200%#
66) 1,2-Dichlorobenzene-d4	13.816	152	14245	23.256	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.040%
Target Compounds						Qvalue
6) Bromomethane	2.687	94	387	0.415	ug/L #	3
13) Acetone	4.022	43	18227	101.599	ug/L	97
16) Methylene chloride	4.805	84	541	0.517	ug/L	76
18) Methyl tert-butyl Ether	5.322	73	1306	0.658	ug/L #	50
22) 2-Butanone	7.075	43	4550	15.716	ug/L	93
25) Chloroform	7.599	83	1476	0.949	ug/L	86
27) 1,2-Dichloroethane	8.193	62	607	0.635	ug/L #	71
34) Trichloroethene	8.769	95	386	0.458	ug/L #	4
37) 1,2-Dichloropropane	9.205	63	2581	2.884	ug/L #	88
39) cis-1,3-Dichloropropene	10.063	75	634	0.464	ug/L	91
44) trans-1,3-Dichloropropene	10.534	75	607	0.547	ug/L #	43
48) 2-Hexanone	10.934	43	385	1.010	ug/L #	53
61) 1,2,3-Trichloropropane	13.504	75	2228	6.870	ug/L #	66
71) Naphthalene	15.334	128	690	0.534	ug/L #	1
72) 1,2,3-Trichlorobenzene	15.522	180	458	0.782	ug/L #	1

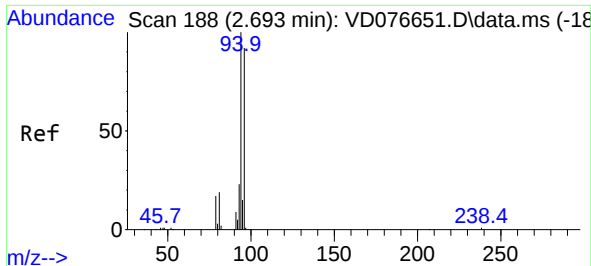
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

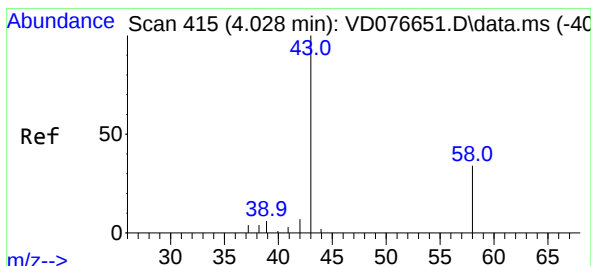
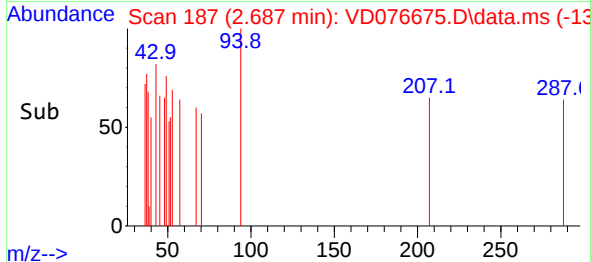
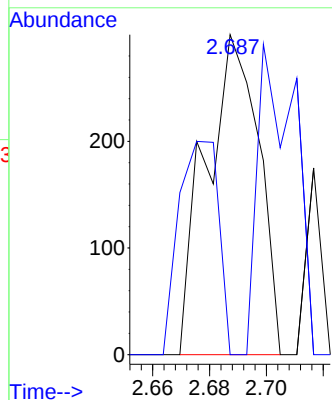
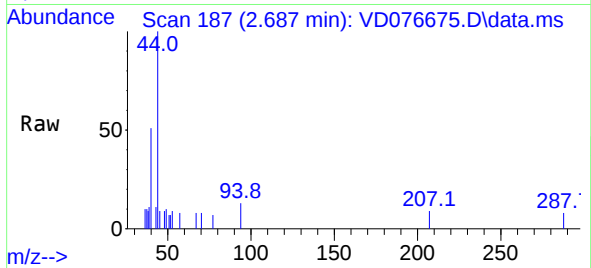




#6
Bromomethane
Concen: 0.415 ug/L
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076675.D
Acq: 30 Jun 2023 20:59

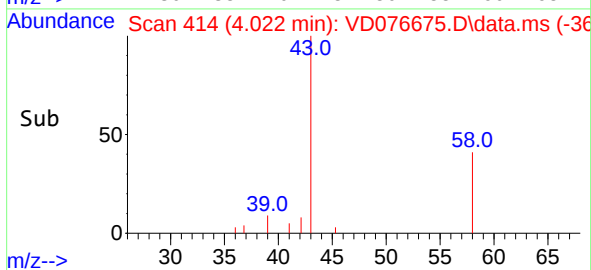
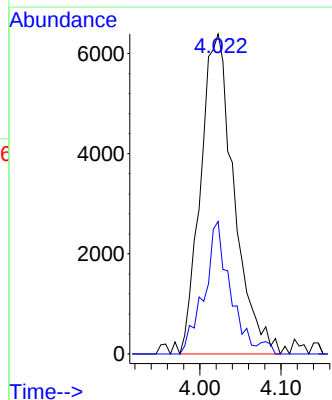
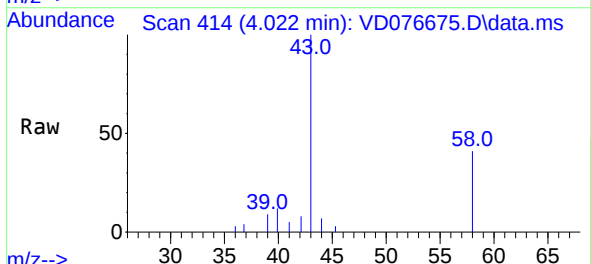
Instrument :
MSVOA_D
ClientSampleId :
A46Q1

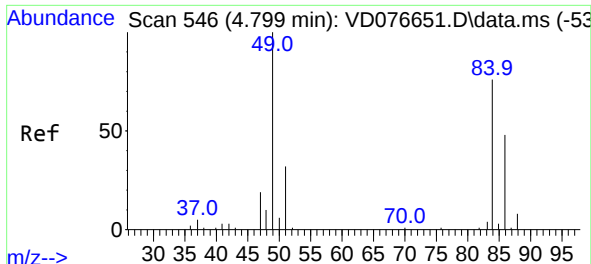
Tgt Ion: 94 Resp: 387
Ion Ratio Lower Upper
94 100
96 0.0 64.7 120.1#



#13
Acetone
Concen: 101.599 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076675.D
Acq: 30 Jun 2023 20:59

Tgt Ion: 43 Resp: 18227
Ion Ratio Lower Upper
43 100
58 31.9 0.0 67.4



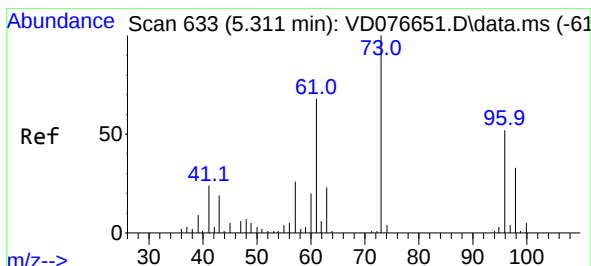
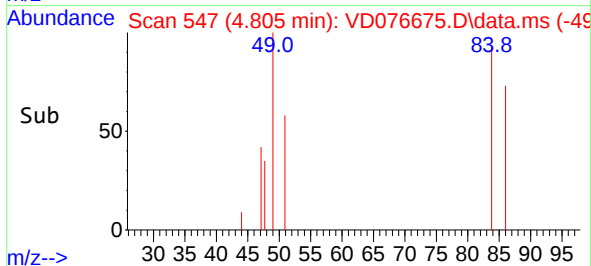
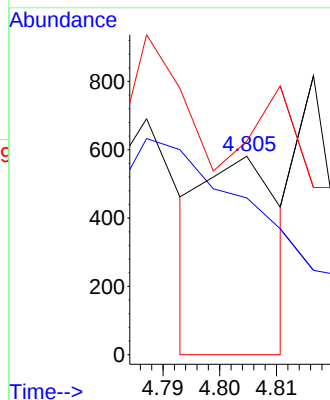
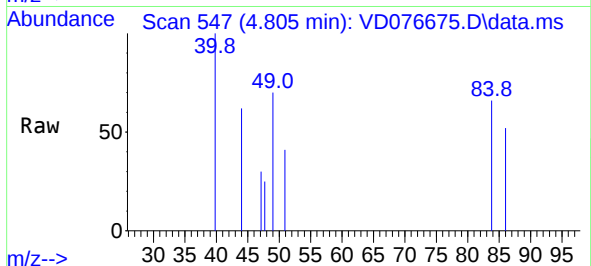


#16
Methylene chloride
Concen: 0.517 ug/L
RT: 4.805 min Scan# 541
Delta R.T. 0.018 min
Lab File: VD076675.D
Acq: 30 Jun 2023 20:59

Instrument :
MSVOA_D
ClientSampleId :
A46Q1

Tgt Ion: 84 Resp: 541

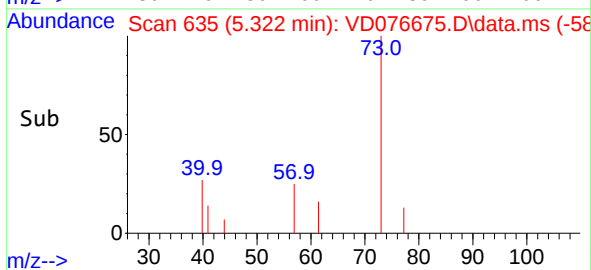
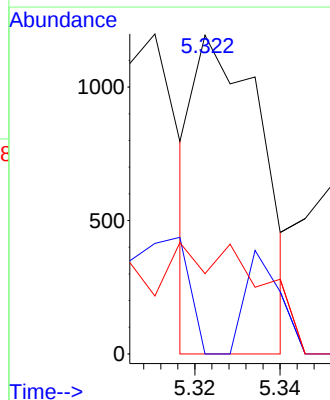
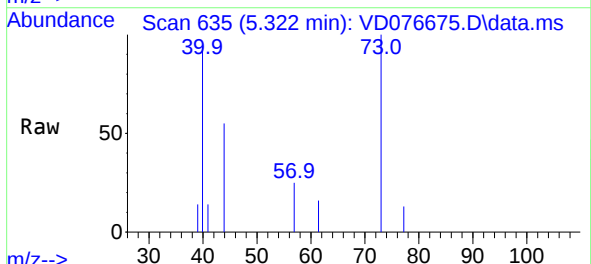
Ion	Ratio	Lower	Upper
84	100		
86	79.0	45.1	83.9
49	107.6	97.2	180.6

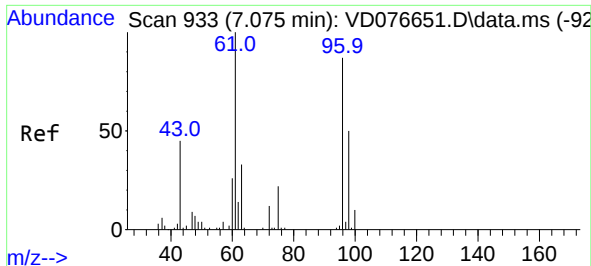


#18
Methyl tert-butyl Ether
Concen: 0.658 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD076675.D
Acq: 30 Jun 2023 20:59

Tgt Ion: 73 Resp: 1306

Ion	Ratio	Lower	Upper
73	100		
43	32.5	7.2	10.8#
57	44.9	18.6	28.0#

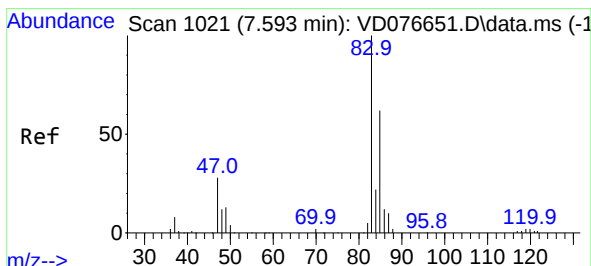
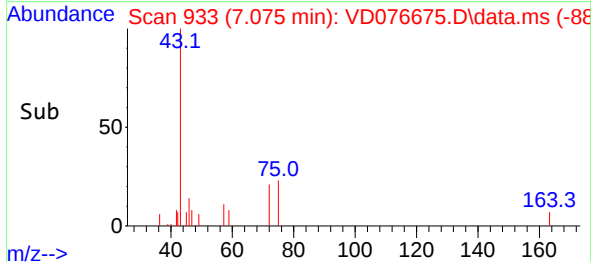
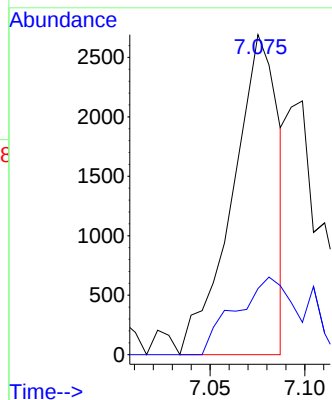
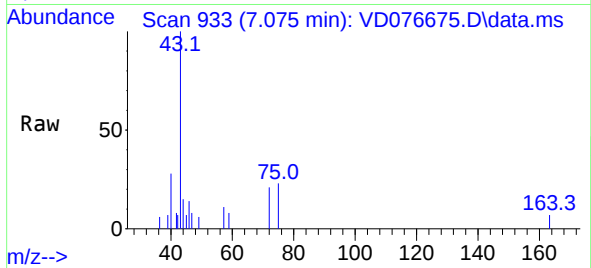




#22
2-Butanone
Concen: 15.716 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076675.D
Acq: 30 Jun 2023 20:59

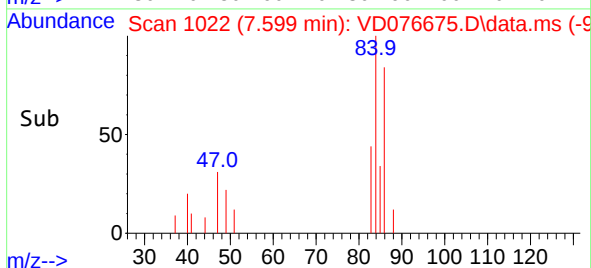
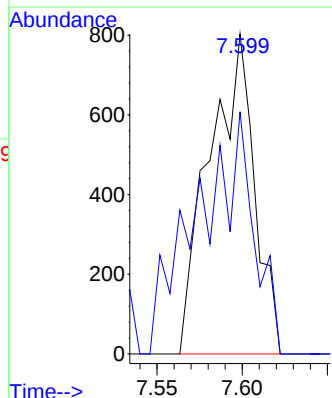
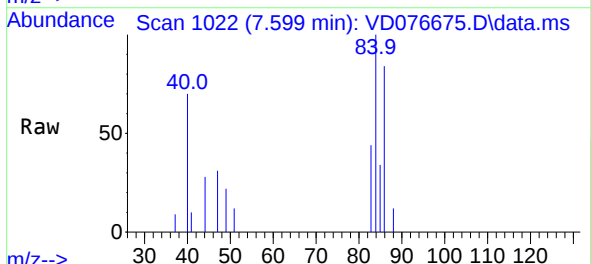
Instrument :
MSVOA_D
ClientSampleId :
A46Q1

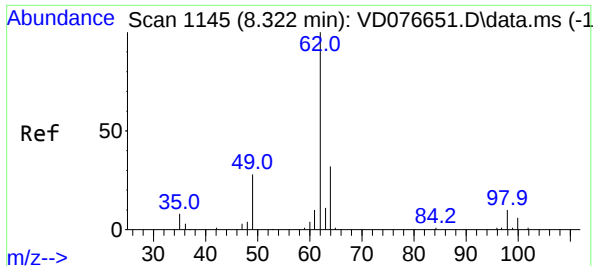
Tgt Ion: 43 Resp: 4550
Ion Ratio Lower Upper
43 100
72 22.3 12.9 38.7



#25
Chloroform
Concen: 0.949 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD076675.D
Acq: 30 Jun 2023 20:59

Tgt Ion: 83 Resp: 1476
Ion Ratio Lower Upper
83 100
85 75.7 45.4 84.4

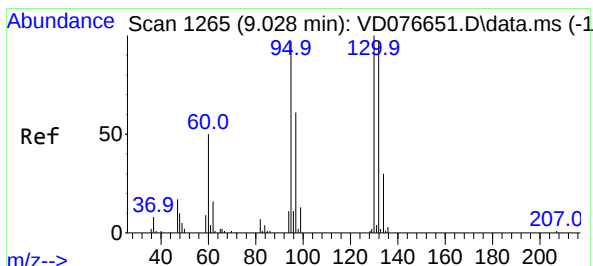
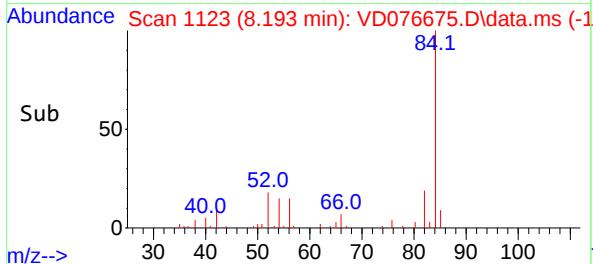
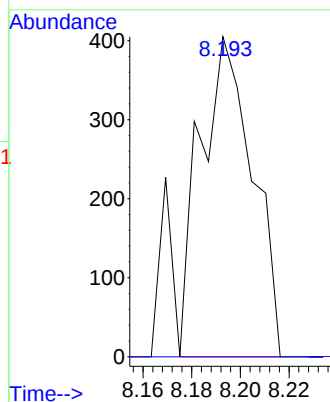
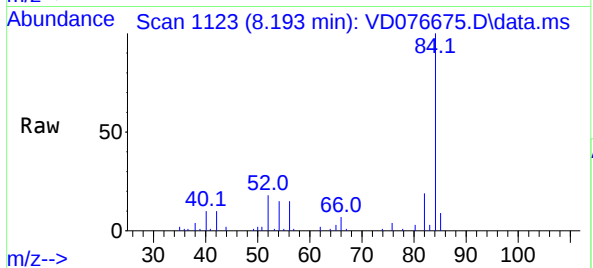




#27
1,2-Dichloroethane
Concen: 0.635 ug/L
RT: 8.193 min Scan# 1145
Delta R.T. -0.129 min
Lab File: VD076675.D
Acq: 30 Jun 2023 20:59

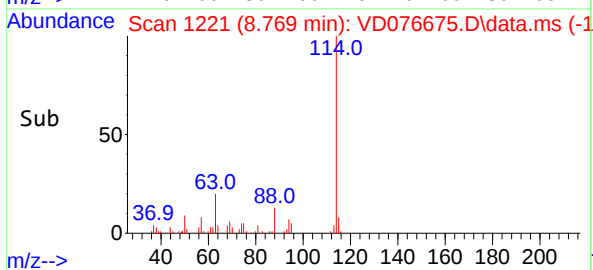
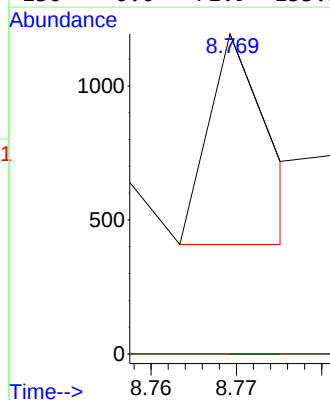
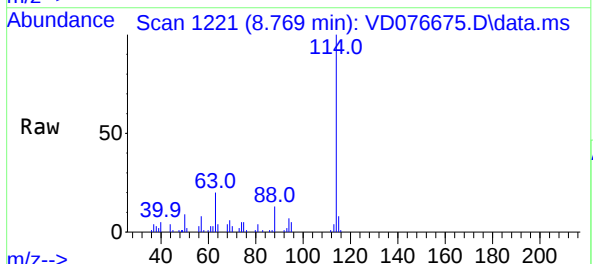
Instrument :
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ClientSampleId :
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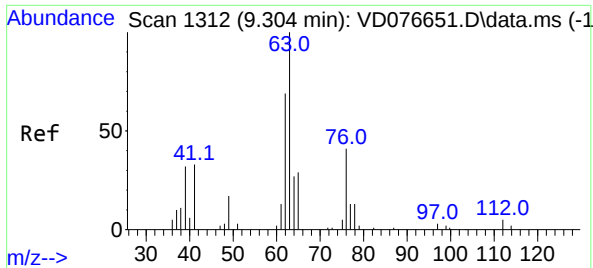
Tgt Ion: 62 Resp: 607
Ion Ratio Lower Upper
62 100
98 0.0 8.7 13.1#



#34
Trichloroethene
Concen: 0.458 ug/L
RT: 8.769 min Scan# 1221
Delta R.T. -0.259 min
Lab File: VD076675.D
Acq: 30 Jun 2023 20:59

Tgt Ion: 95 Resp: 386
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#

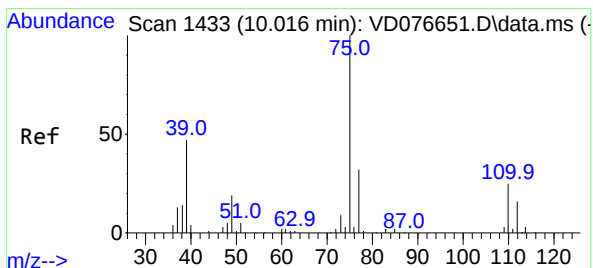
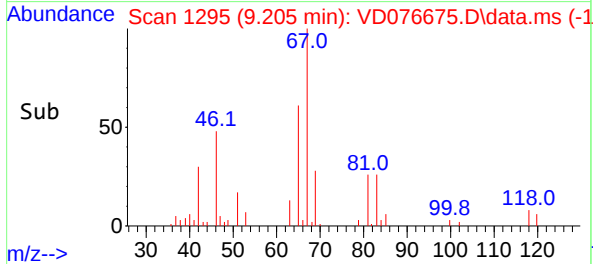
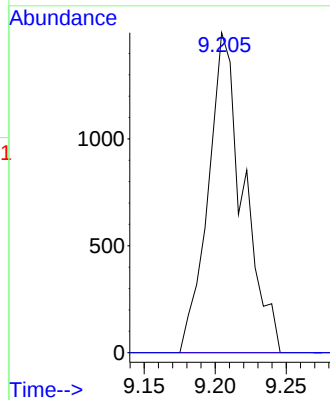
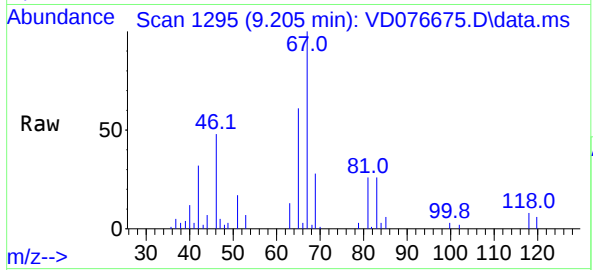




#37
1,2-Dichloropropane
Concen: 2.884 ug/L
RT: 9.205 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD076675.D
Acq: 30 Jun 2023 20:59

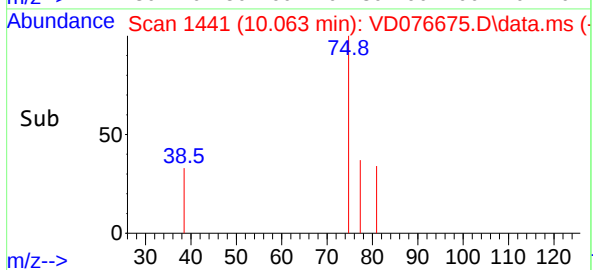
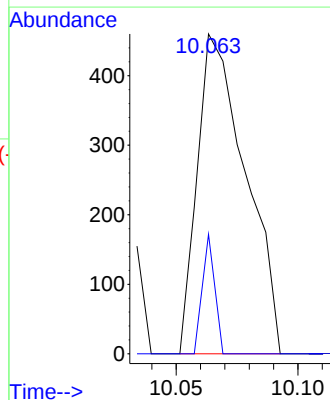
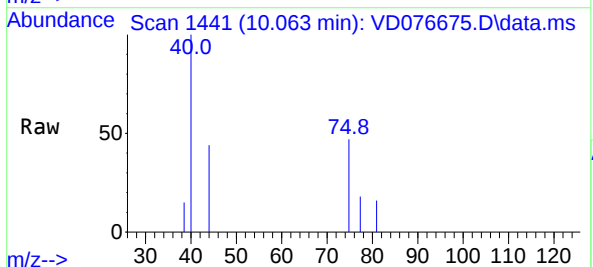
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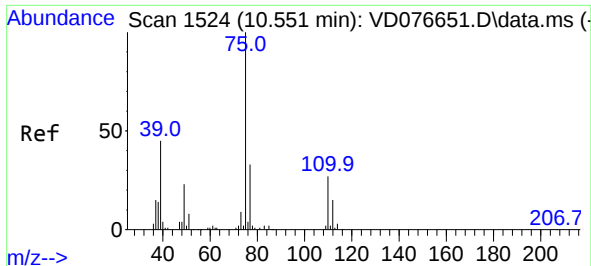
Tgt Ion: 63 Resp: 2581
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.464 ug/L
RT: 10.063 min Scan# 1441
Delta R.T. 0.047 min
Lab File: VD076675.D
Acq: 30 Jun 2023 20:59

Tgt Ion: 75 Resp: 634
Ion Ratio Lower Upper
75 100
77 37.4 22.7 42.3

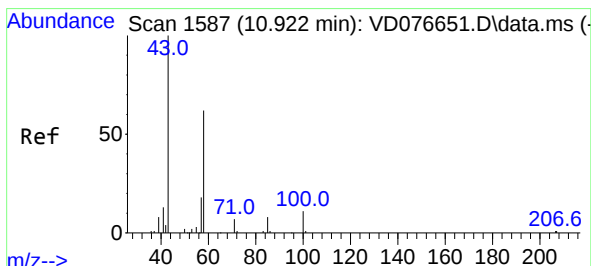
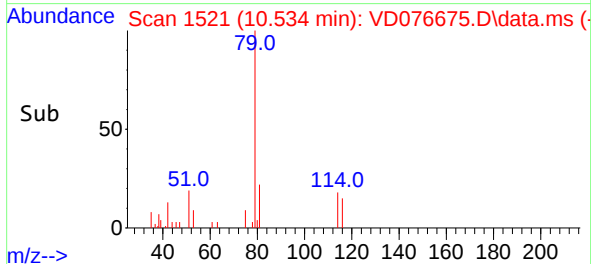
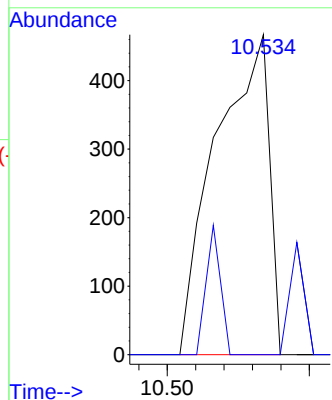
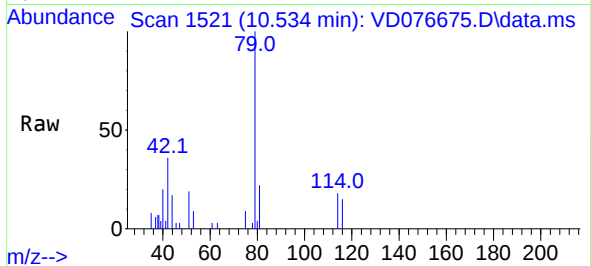




#44
trans-1,3-Dichloropropene
Concen: 0.547 ug/L
RT: 10.534 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD076675.D
Acq: 30 Jun 2023 20:59

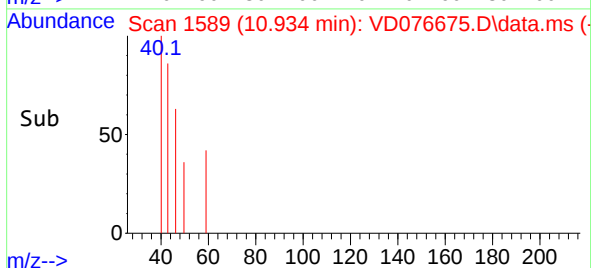
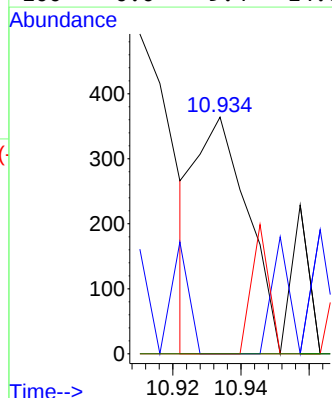
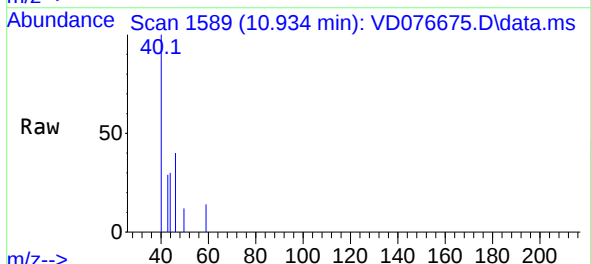
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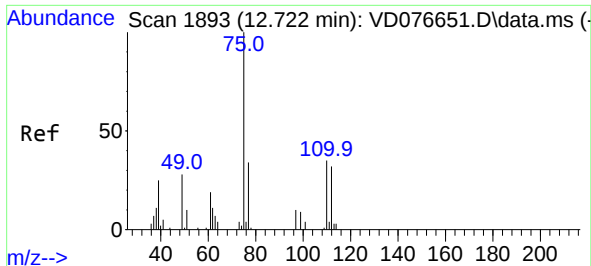
Tgt Ion: 75 Resp: 607
Ion Ratio Lower Upper
75 100
77 0.0 22.5 41.7#



#48
2-Hexanone
Concen: 1.010 ug/L
RT: 10.934 min Scan# 1589
Delta R.T. 0.012 min
Lab File: VD076675.D
Acq: 30 Jun 2023 20:59

Tgt Ion: 43 Resp: 385
Ion Ratio Lower Upper
43 100
58 15.8 42.9 64.3#
57 0.0 13.7 20.5#
100 0.0 9.4 14.0#

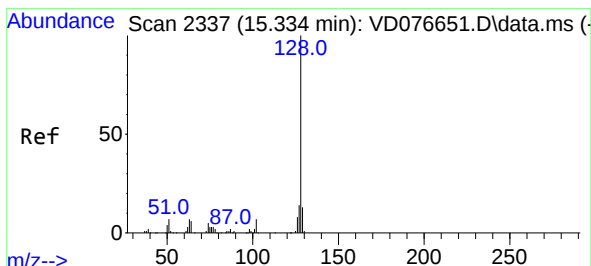
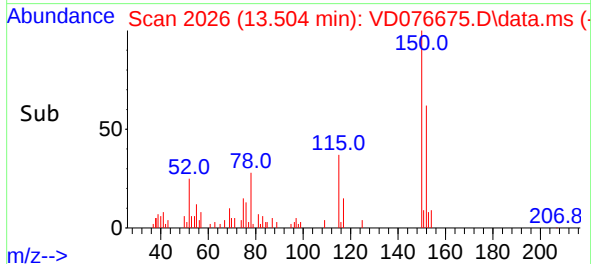
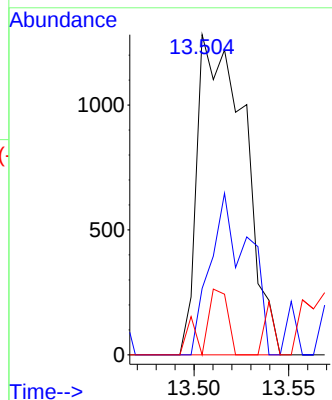
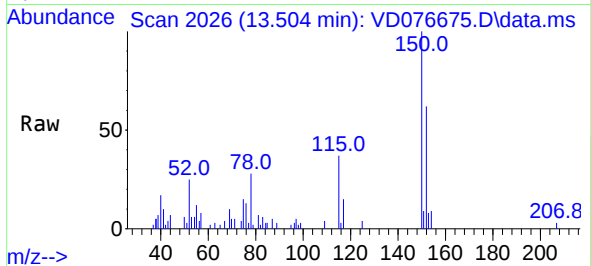




#61
1,2,3-Trichloropropane
Concen: 6.870 ug/L
RT: 13.504 min Scan# 20
Delta R.T. 0.776 min
Lab File: VD076675.D
Acq: 30 Jun 2023 20:59

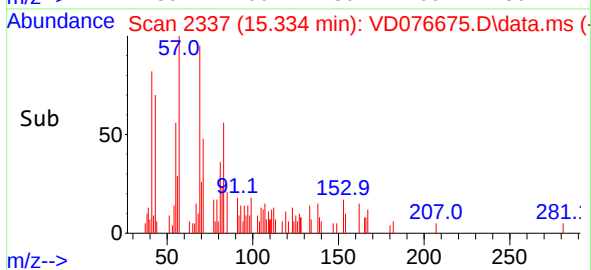
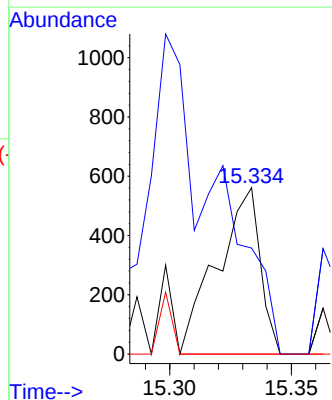
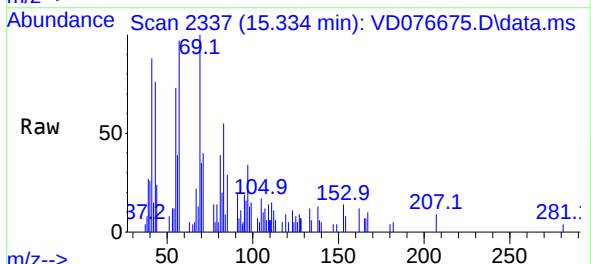
Instrument :
MSVOA_D
ClientSampleId :
A46Q1

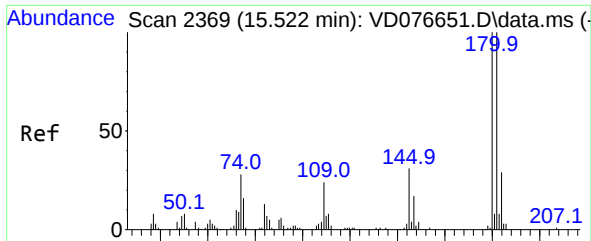
Tgt Ion: 75 Resp: 2228
Ion Ratio Lower Upper
75 100
77 26.3 27.2 40.8#
110 8.0 31.8 47.6#



#71
Naphthalene
Concen: 0.534 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD076675.D
Acq: 30 Jun 2023 20:59

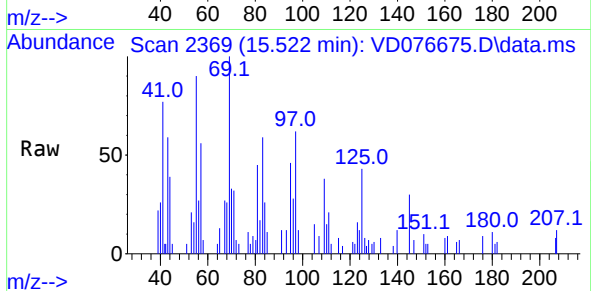
Tgt Ion:128 Resp: 690
Ion Ratio Lower Upper
128 100
127 111.7 10.8 16.2#
129 0.0 8.6 12.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.782 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD076675.D
 Acq: 30 Jun 2023 20:59

Instrument :
 MSVOA_D
 ClientSampleId :
 A46Q1



Tgt Ion:180 Resp: 458
 Ion Ratio Lower Upper
 180 100
 182 47.2 74.3 111.5#
 145 468.8 25.0 37.6#

