

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076672.D
 Acq On : 30 Jun 2023 19:40
 Operator : KP/SY
 Sample : 03472-16RE
 Misc : 6.74G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46T0

Quant Time: Jul 03 01:32:09 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)

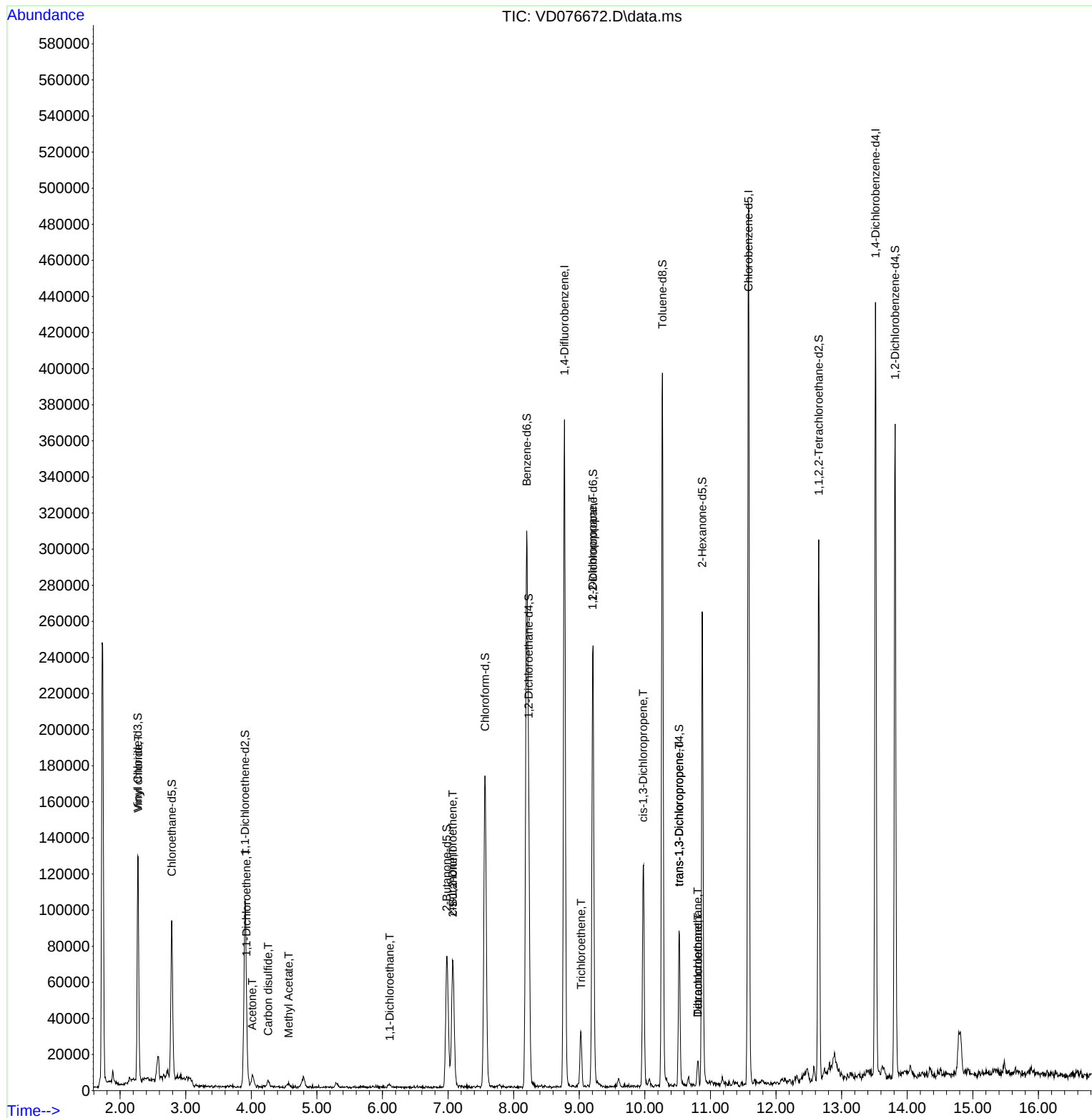
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	316361	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	266456	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	110862	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	78727	10.219	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	40.880%		
7) Chloroethane-d5	2.787	69	88487	14.204	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	56.800%		
11) 1,1-Dichloroethene-d2	3.904	65	28745	14.293	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.160%		
21) 2-Butanone-d5	6.981	46	127993	109.696	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	219.400%#		
24) Chloroform-d	7.563	84	176700	21.200	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.800%		
26) 1,2-Dichloroethane-d4	8.228	65	114097	27.749	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	111.000%		
32) Benzene-d6	8.198	84	313407	19.228	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	76.920%		
36) 1,2-Dichloropropane-d6	9.210	67	114998	22.103	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.400%		
41) Toluene-d8	10.269	98	265870	17.616	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	70.480%		
43) trans-1,3-Dichloroprop...	10.522	79	47845	22.109	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.440%		
47) 2-Hexanone-d5	10.875	63	88404	109.462	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	218.920%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	145486	39.305	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	157.200%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	91843	22.602	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.400%		
Target Compounds						Qvalue
5) Vinyl chloride	2.275	62	44833	5.071	ug/L	88
12) 1,1-Dichloroethene	3.928	96	3503	0.853	ug/L #	1
13) Acetone	4.016	43	11147	11.828	ug/L	89
14) Carbon disulfide	4.257	76	6943	0.466	ug/L #	76
15) Methyl Acetate	4.569	43	2269	1.055	ug/L #	83
19) 1,1-Dichloroethane	6.110	63	3025	0.361	ug/L #	84
20) cis-1,2-Dichloroethene	7.069	96	40976	8.015	ug/L	93
22) 2-Butanone	7.075	43	2386	1.569	ug/L #	48
34) Trichloroethene	9.028	95	8835	1.950	ug/L	89
37) 1,2-Dichloropropane	9.204	63	14088	2.930	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	3648	0.497	ug/L #	37
44) trans-1,3-Dichloropropene	10.522	75	3257	0.546	ug/L	97
46) Tetrachloroethene	10.810	164	2782	0.781	ug/L	78
49) Dibromochloromethane	10.804	129	3040	0.811	ug/L #	10

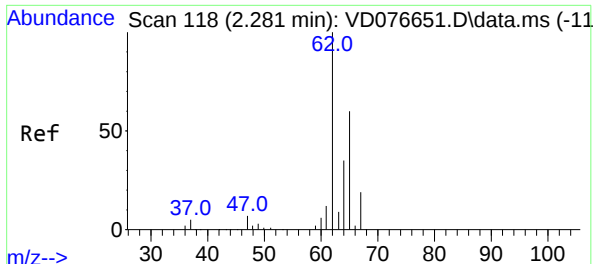
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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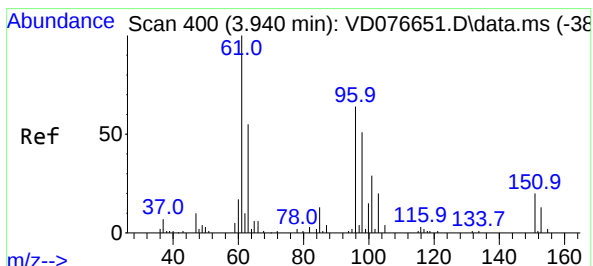
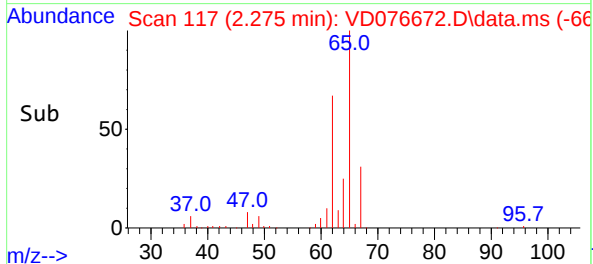
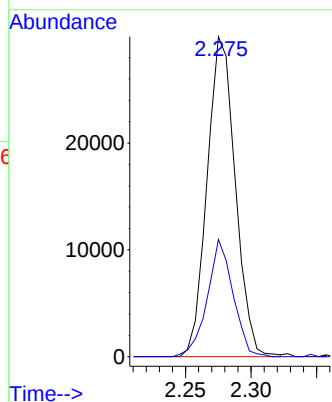
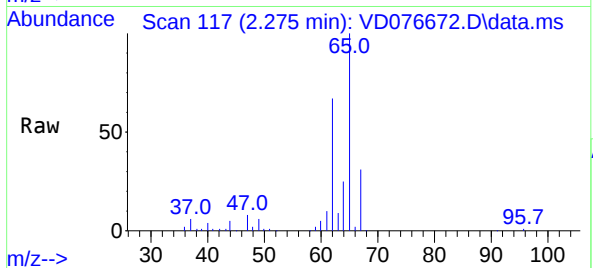




#5
 Vinyl chloride
 Concen: 5.071 ug/L
 RT: 2.275 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD076672.D
 Acq: 30 Jun 2023 19:40

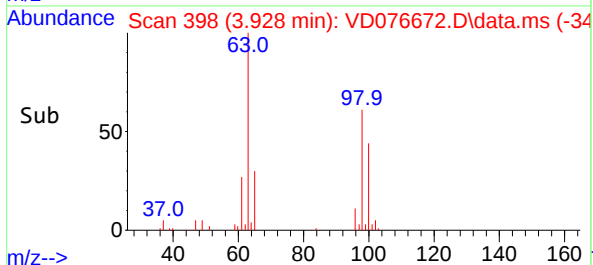
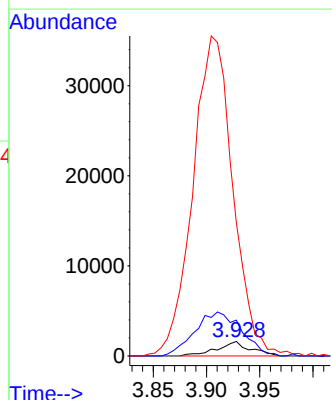
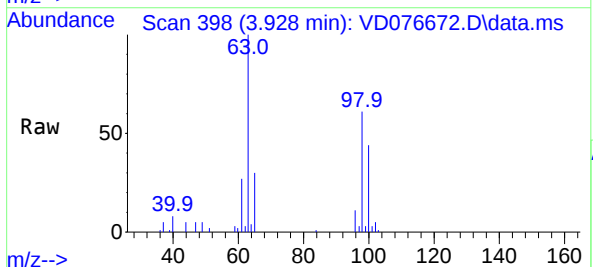
Instrument :
 MSVOA_D
 ClientSampleId :
 A46T0

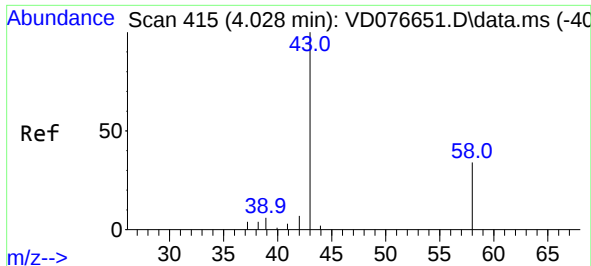
Tgt Ion: 62 Resp: 44833
 Ion Ratio Lower Upper
 62 100
 64 36.6 21.1 39.1



#12
 1,1-Dichloroethene
 Concen: 0.853 ug/L
 RT: 3.928 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VD076672.D
 Acq: 30 Jun 2023 19:40

Tgt Ion: 96 Resp: 3503
 Ion Ratio Lower Upper
 96 100
 61 247.5 113.0 209.8#
 63 917.5 83.6 155.2#





#13

Acetone

Concen: 11.828 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD076672.D

Acq: 30 Jun 2023 19:40

Instrument :

MSVOA_D

ClientSampleId :

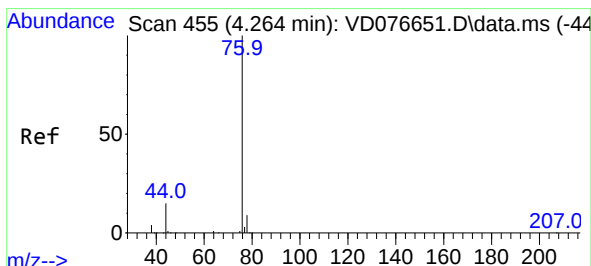
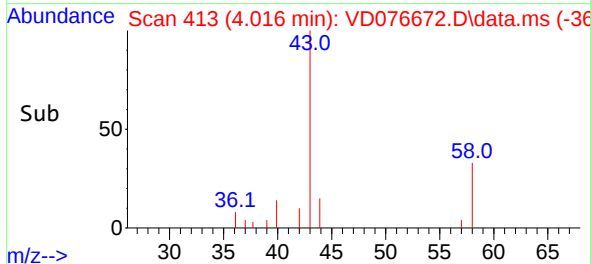
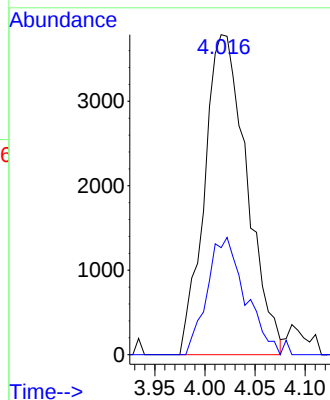
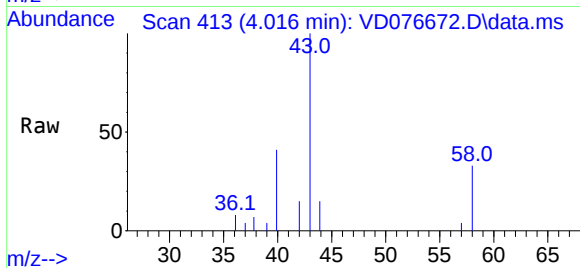
A46T0

Tgt Ion: 43 Resp: 11147

Ion Ratio Lower Upper

43 100

58 27.4 0.0 67.4



#14

Carbon disulfide

Concen: 0.466 ug/L

RT: 4.257 min Scan# 454

Delta R.T. -0.006 min

Lab File: VD076672.D

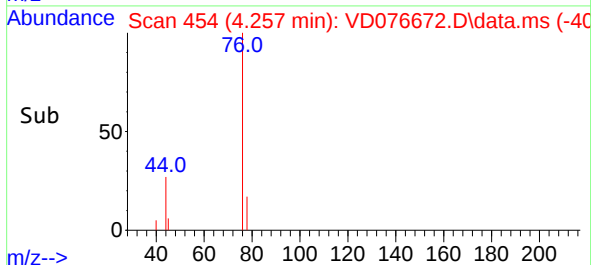
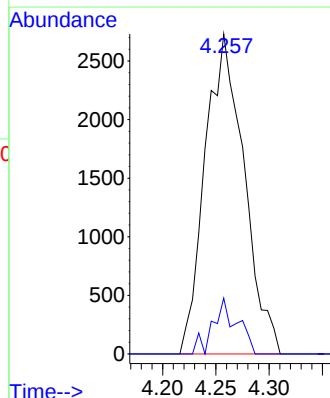
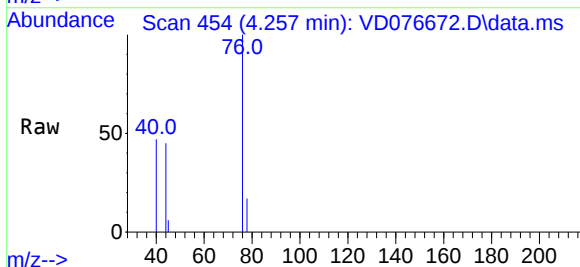
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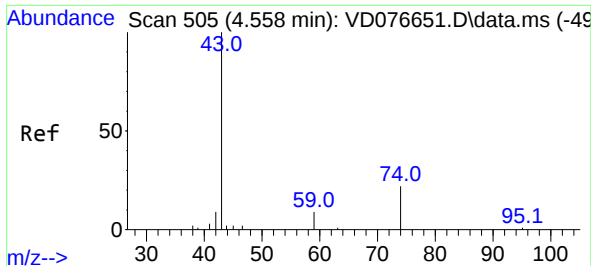
Tgt Ion: 76 Resp: 6943

Ion Ratio Lower Upper

76 100

78 17.4 7.0 10.4#

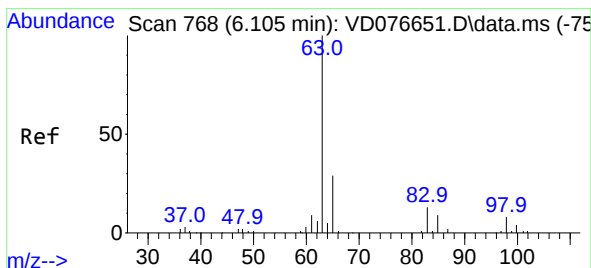
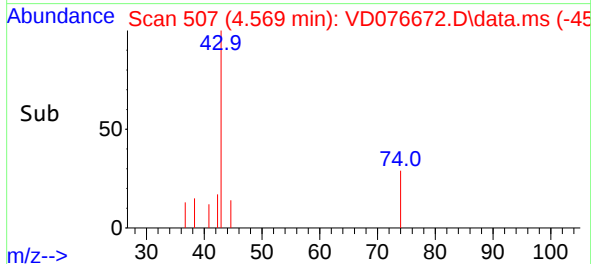
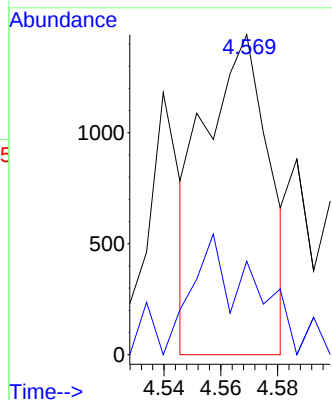
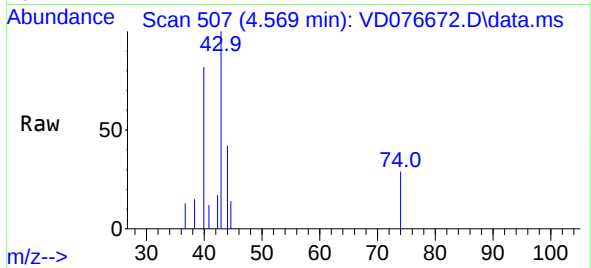




#15
Methyl Acetate
Concen: 1.055 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.011 min
Lab File: VD076672.D
Acq: 30 Jun 2023 19:40

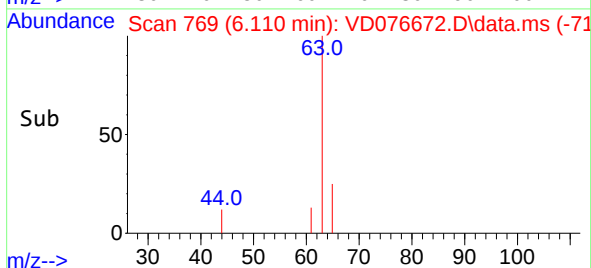
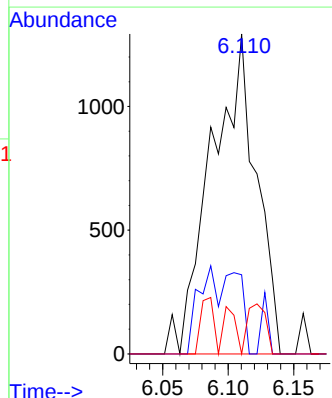
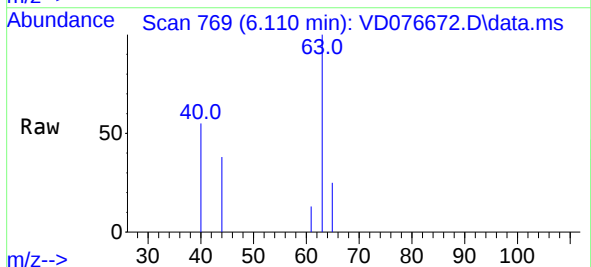
Instrument :
MSVOA_D
ClientSampleId :
A46T0

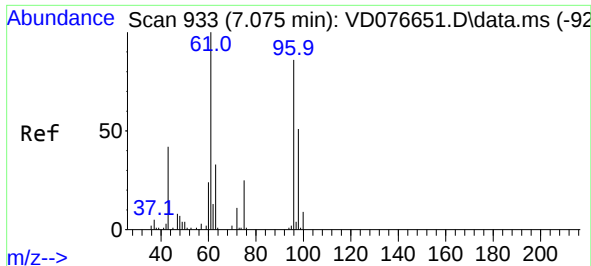
Tgt Ion: 43 Resp: 2269
Ion Ratio Lower Upper
43 100
74 14.7 18.2 27.2#



#19
1,1-Dichloroethane
Concen: 0.361 ug/L
RT: 6.110 min Scan# 769
Delta R.T. 0.006 min
Lab File: VD076672.D
Acq: 30 Jun 2023 19:40

Tgt Ion: 63 Resp: 3025
Ion Ratio Lower Upper
63 100
65 24.7 20.8 38.6
83 0.0 8.9 16.5#

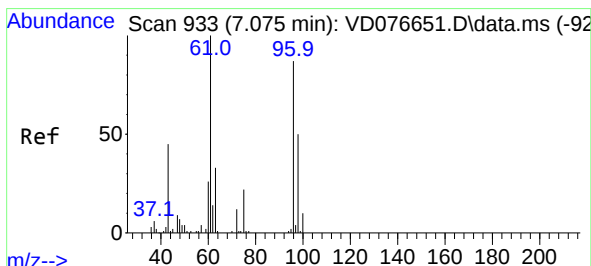
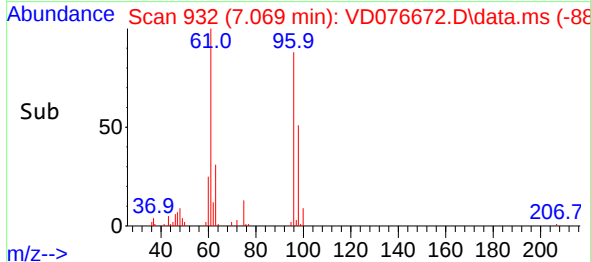
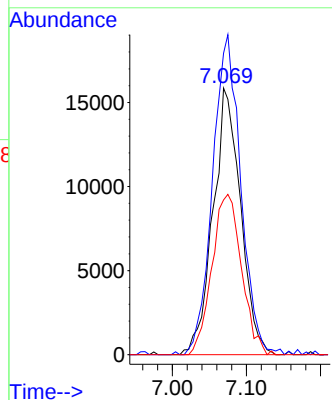
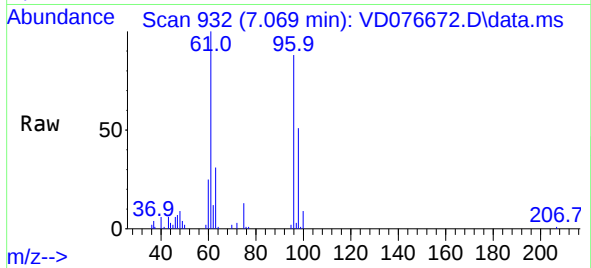




#20
cis-1,2-Dichloroethene
Concen: 8.015 ug/L
RT: 7.069 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076672.D
Acq: 30 Jun 2023 19:40

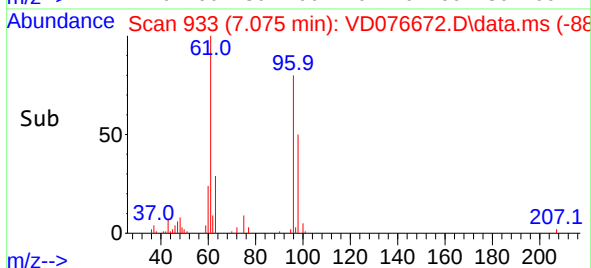
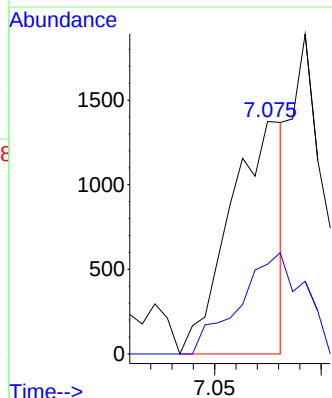
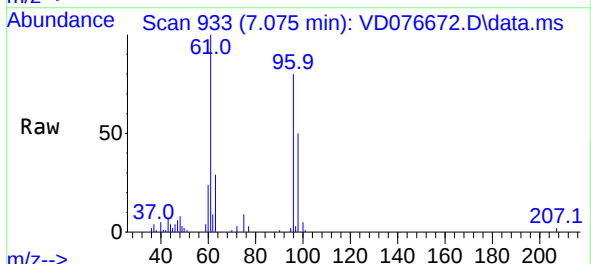
Instrument :
MSVOA_D
ClientSampleId :
A46T0

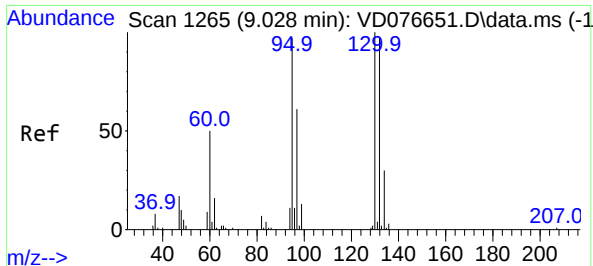
Tgt Ion: 96 Resp: 40976
Ion Ratio Lower Upper
96 100
61 113.1 86.0 159.6
98 58.0 42.2 78.4



#22
2-Butanone
Concen: 1.569 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076672.D
Acq: 30 Jun 2023 19:40

Tgt Ion: 43 Resp: 2386
Ion Ratio Lower Upper
43 100
72 52.3 12.9 38.7#



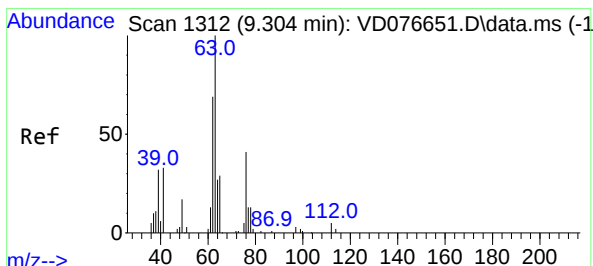
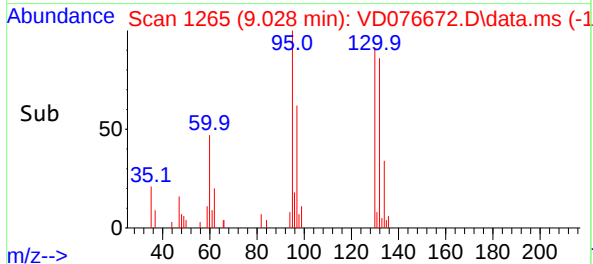
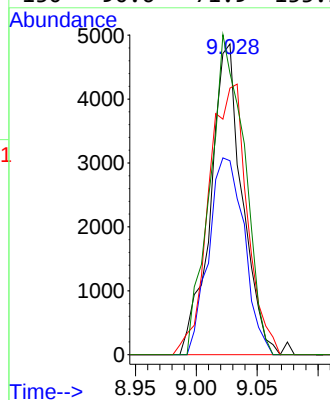
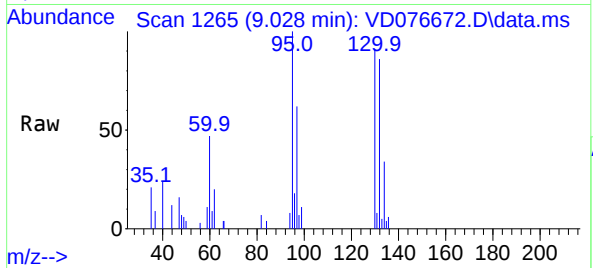


#34
 Trichloroethene
 Concen: 1.950 ug/L
 RT: 9.028 min Scan# 1265
 Delta R.T. -0.000 min
 Lab File: VD076672.D
 Acq: 30 Jun 2023 19:40

Instrument :
 MSVOA_D
 ClientSampleId :
 A46T0

Tgt Ion: 95 Resp: 8835

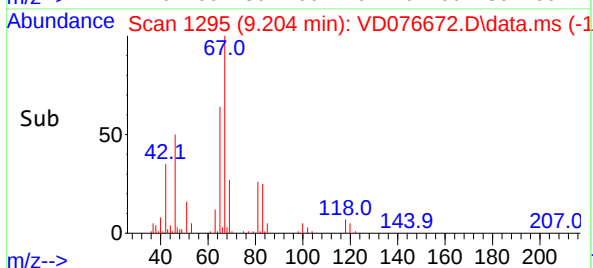
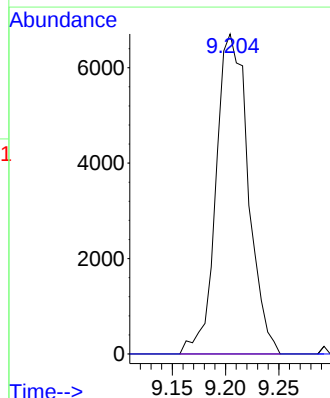
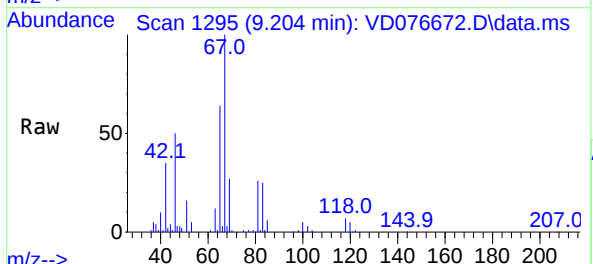
Ion	Ratio	Lower	Upper
95	100		
97	62.4	43.1	80.1
132	85.8	71.8	133.4
130	90.6	71.9	133.5

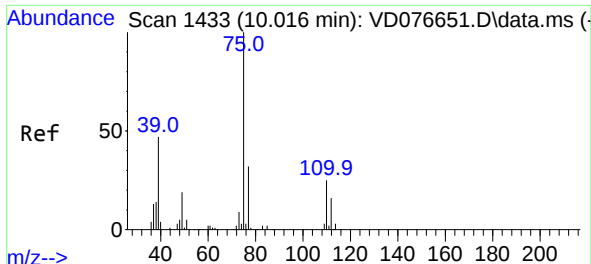


#37
 1,2-Dichloropropane
 Concen: 2.930 ug/L
 RT: 9.204 min Scan# 1295
 Delta R.T. -0.100 min
 Lab File: VD076672.D
 Acq: 30 Jun 2023 19:40

Tgt Ion: 63 Resp: 14088

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.497 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.042 min

Lab File: VD076672.D

Acq: 30 Jun 2023 19:40

Instrument :

MSVOA_D

ClientSampleId :

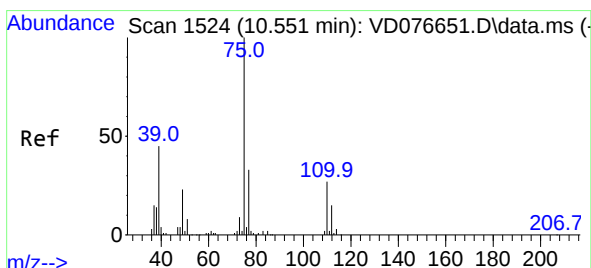
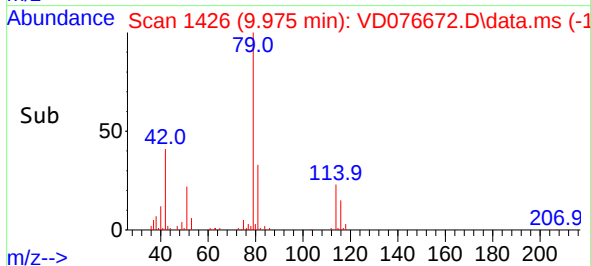
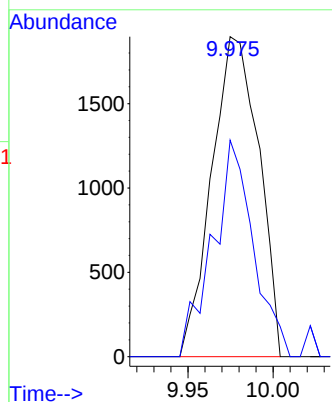
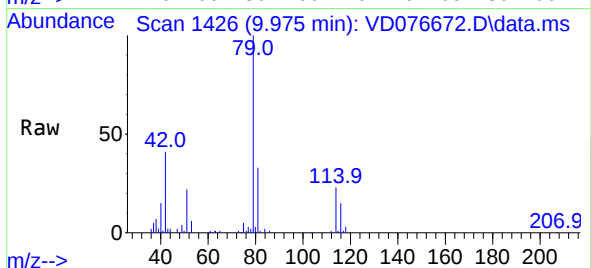
A46T0

Tgt Ion: 75 Resp: 3648

Ion Ratio Lower Upper

75 100

77 67.6 22.7 42.3#



#44

trans-1,3-Dichloropropene

Concen: 0.546 ug/L

RT: 10.522 min Scan# 1519

Delta R.T. -0.030 min

Lab File: VD076672.D

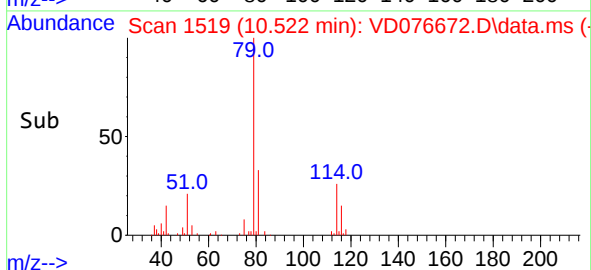
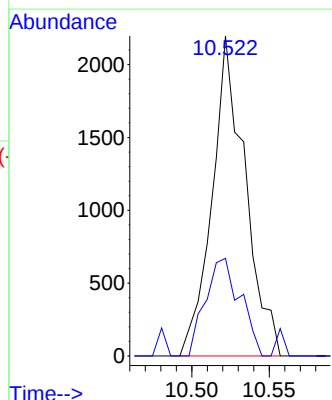
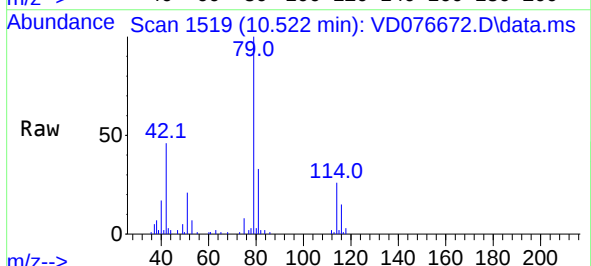
Acq: 30 Jun 2023 19:40

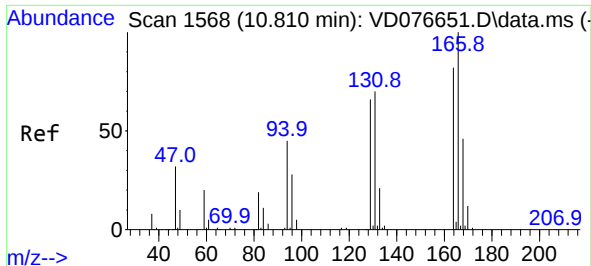
Tgt Ion: 75 Resp: 3257

Ion Ratio Lower Upper

75 100

77 30.5 22.5 41.7



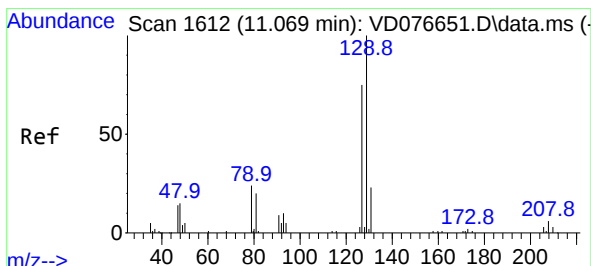
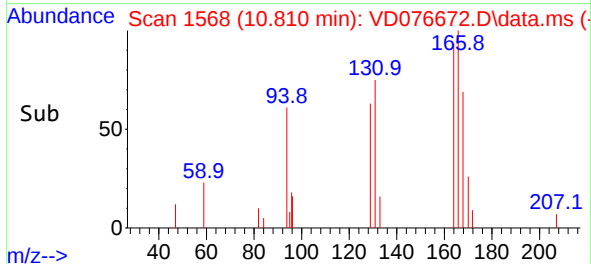
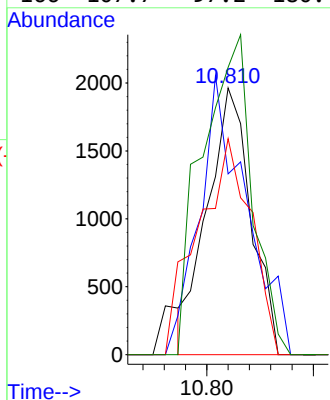
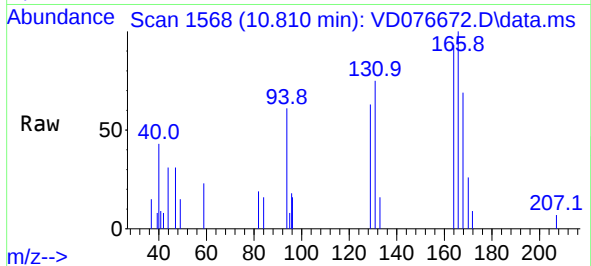


#46
Tetrachloroethene
Concen: 0.781 ug/L
RT: 10.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076672.D
Acq: 30 Jun 2023 19:40

Instrument :
MSVOA_D
ClientSampleId :
A46T0

Tgt Ion:164 Resp: 2782

Ion	Ratio	Lower	Upper
164	100		
129	67.8	65.5	121.6
131	81.0	64.8	120.3
166	107.7	97.2	180.4



#49
Dibromochloromethane
Concen: 0.811 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.271 min
Lab File: VD076672.D
Acq: 30 Jun 2023 19:40

Tgt Ion:129 Resp: 3040

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#

