

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029843.D
 Acq On : 14 Jan 2023 05:29
 Operator : SY/MD
 Sample : 01149-06 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL56

Quant Time: Jan 14 08:34:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

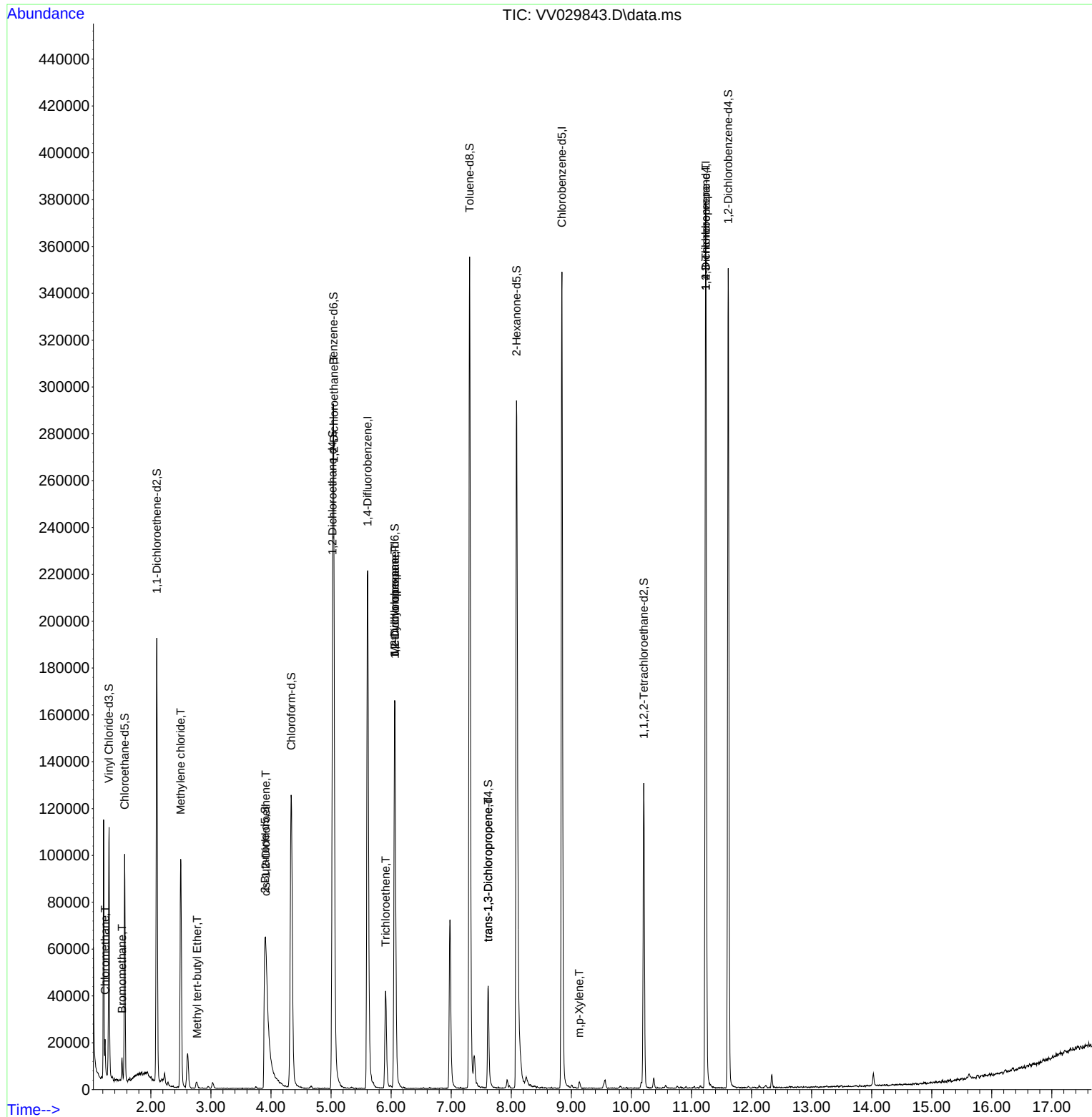
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	208227	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	203050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	106504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67256	4.258	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.564	69	61673	4.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.098	63	98040	3.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	3.902	46	148280	52.970	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.940%
24) Chloroform-d	4.336	84	139479	4.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.024	65	62861	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.040	84	288679	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.059	67	89233	5.062	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.307	98	247101	4.431	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	7.616	79	27704	4.303	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.088	63	129012	49.224	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.440%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	65618	5.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	95893	4.952	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
3) Chloromethane	1.236	50	10321	0.506	ug/L	98
6) Bromomethane	1.519	94	4336	0.445	ug/L	99
16) Methylene chloride	2.497	84	43019	1.948	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	2409	0.078	ug/L #	93
22) cis-1,2-Dichloroethene	3.912	96	486	0.028	ug/L	89
27) 1,2-Dichloroethane	5.047	62	1263	0.086	ug/L #	71
34) Trichloroethene	5.908	95	15365	0.903	ug/L	98
35) Methylcyclohexane	6.059	83	21870	0.761	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	9079	0.577	ug/L #	85
44) trans-1,3-Dichloropropene	7.616	75	1348	0.079	ug/L #	82
53) m,p-Xylene	9.133	106	1109	0.037	ug/L	75
61) 1,2,3-Trichloropropane	11.239	75	12183	1.545	ug/L #	65

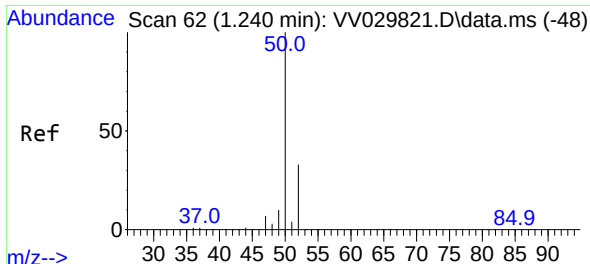
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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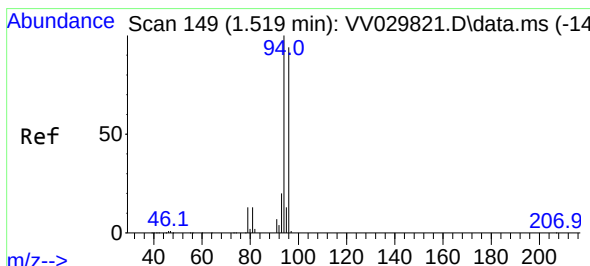
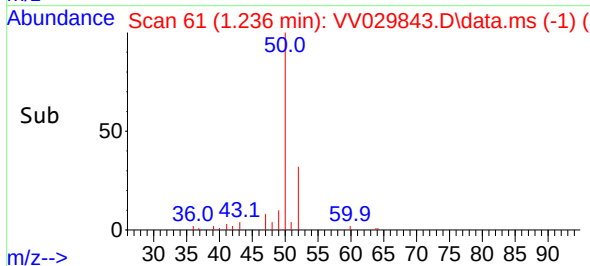
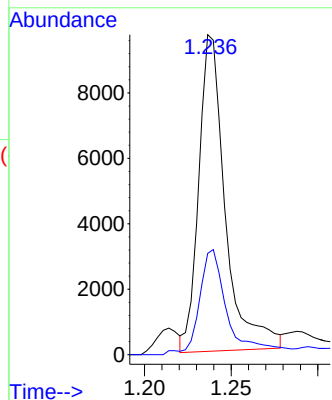
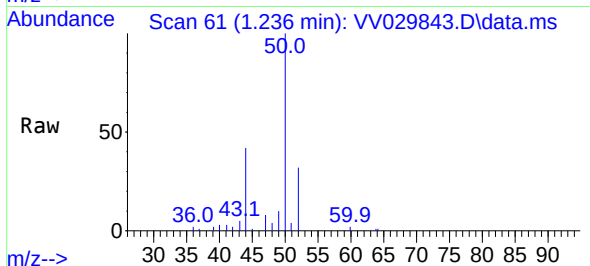




#3
Chloromethane
Concen: 0.506 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029843.D
Acq: 14 Jan 2023 05:29

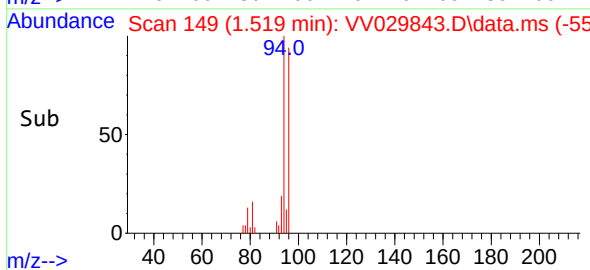
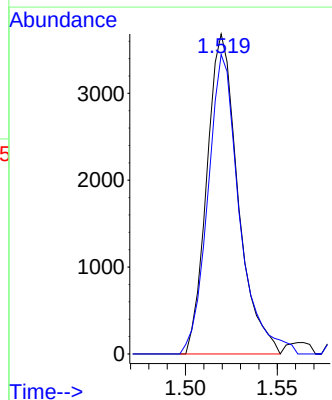
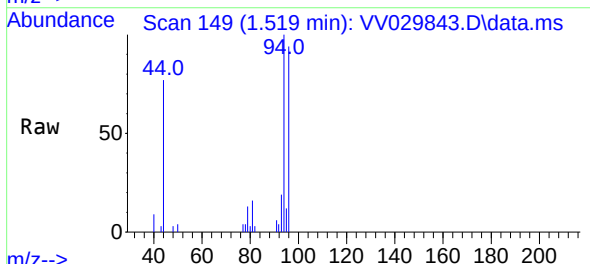
Instrument :
MSVOA_V
ClientSampleId :
COL56

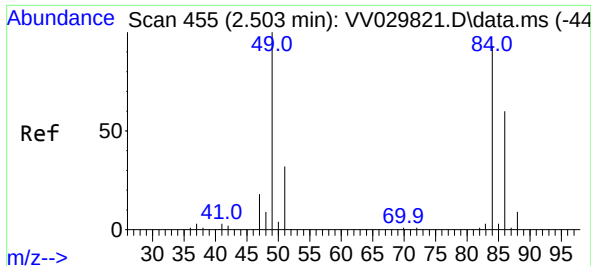
Tgt Ion: 50 Resp: 10321
Ion Ratio Lower Upper
50 100
52 31.6 23.1 42.9



#6
Bromomethane
Concen: 0.445 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV029843.D
Acq: 14 Jan 2023 05:29

Tgt Ion: 94 Resp: 4336
Ion Ratio Lower Upper
94 100
96 93.6 65.9 122.5

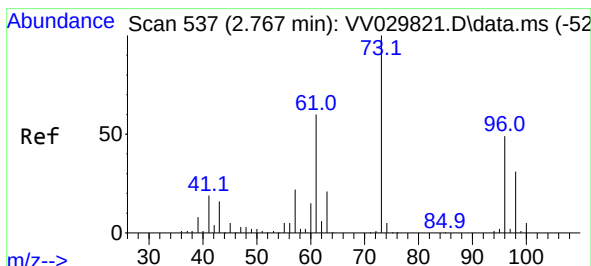
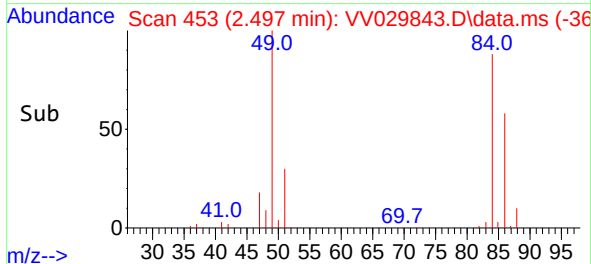
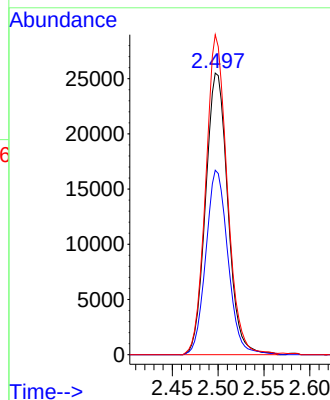
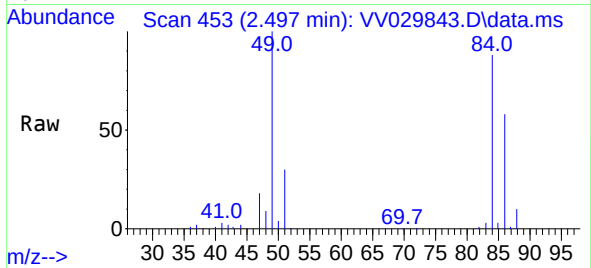




#16
Methylene chloride
Concen: 1.948 ug/L
RT: 2.497 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV029843.D
Acq: 14 Jan 2023 05:29

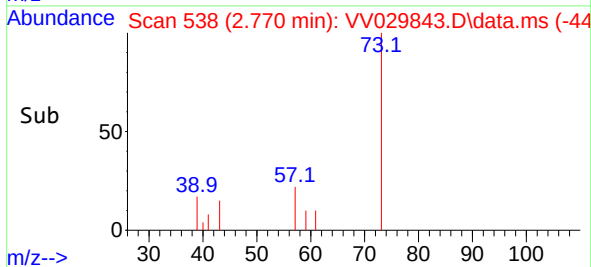
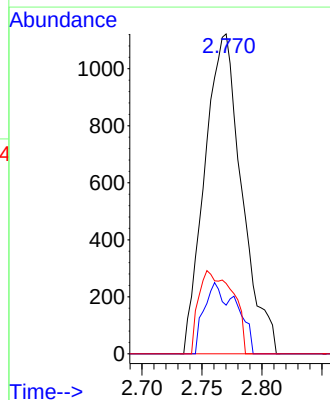
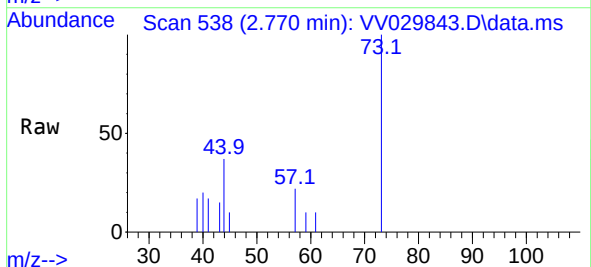
Instrument :
MSVOA_V
ClientSampleId :
COL56

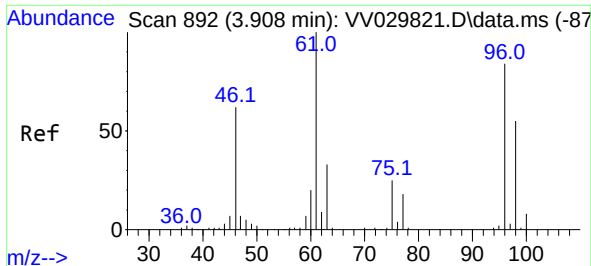
Tgt Ion: 84 Resp: 43019
Ion Ratio Lower Upper
84 100
86 65.5 45.0 83.6
49 113.6 71.5 132.7



#17
Methyl tert-butyl Ether
Concen: 0.078 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.010 min
Lab File: VV029843.D
Acq: 14 Jan 2023 05:29

Tgt Ion: 73 Resp: 2409
Ion Ratio Lower Upper
73 100
43 12.0 13.0 19.4#
57 23.9 17.1 25.7

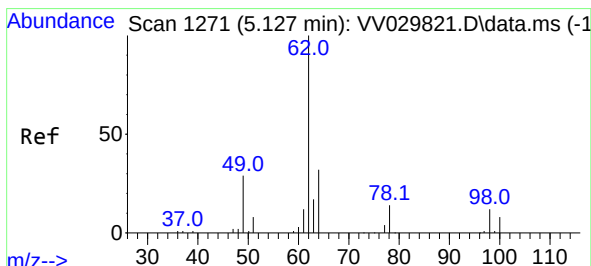
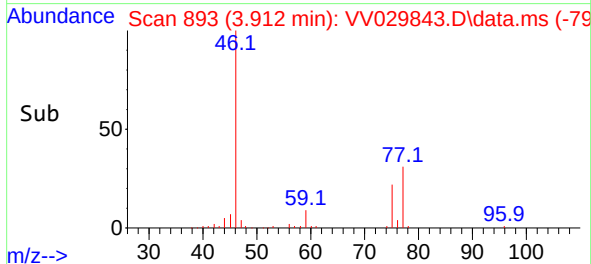
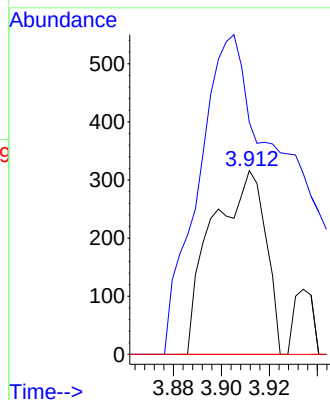
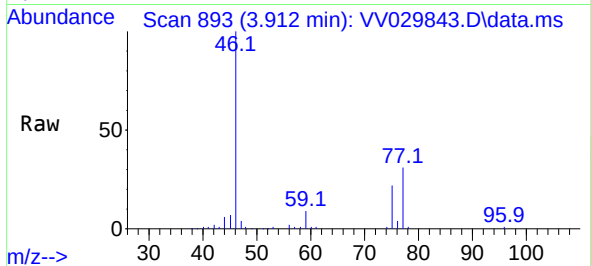




#22
 cis-1,2-Dichloroethene
 Concen: 0.028 ug/L
 RT: 3.912 min Scan# 89
 Delta R.T. 0.013 min
 Lab File: VV029843.D
 Acq: 14 Jan 2023 05:29

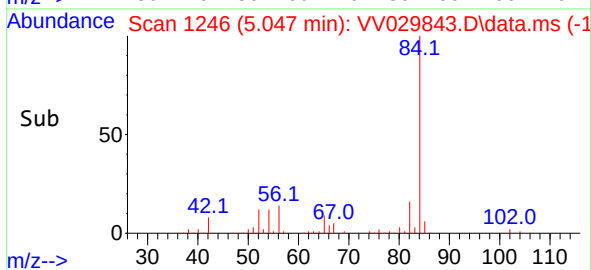
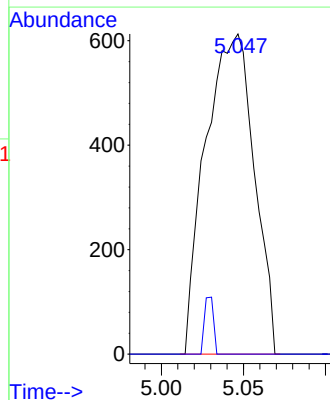
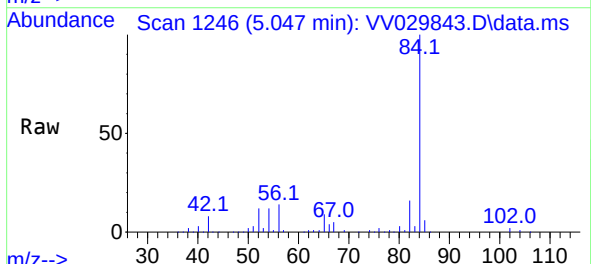
Instrument :
 MSVOA_V
 ClientSampleId :
 COL56

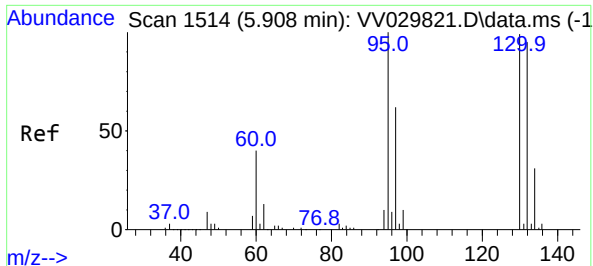
Tgt Ion: 96	Resp:	486
Ion	Ratio	Lower Upper
96	100	
61	126.3	80.0 148.6
68	0.0	0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.086 ug/L
 RT: 5.047 min Scan# 1246
 Delta R.T. -0.074 min
 Lab File: VV029843.D
 Acq: 14 Jan 2023 05:29

Tgt Ion: 62	Resp:	1263
Ion	Ratio	Lower Upper
62	100	
98	0.0	8.9 13.3#



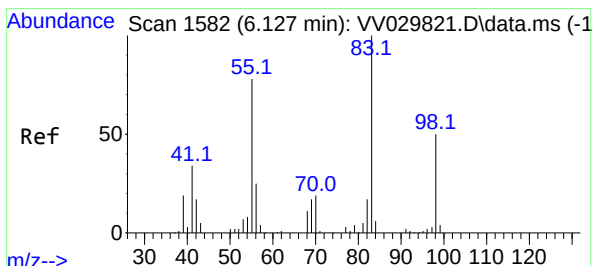
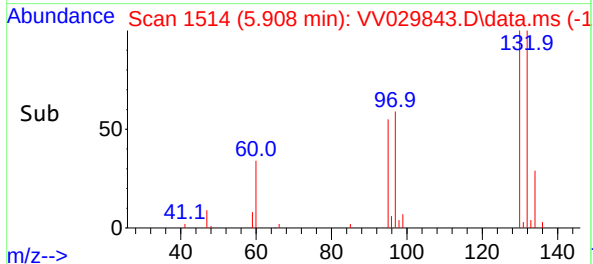
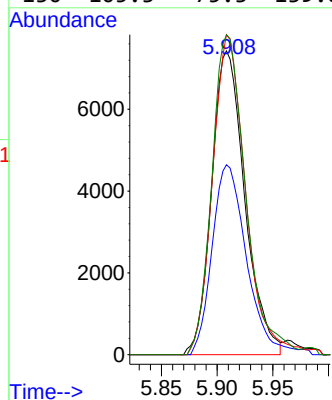
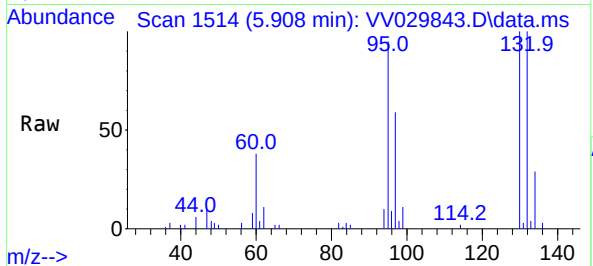


#34
Trichloroethene
Concen: 0.903 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV029843.D
Acq: 14 Jan 2023 05:29

Instrument :
MSVOA_V
ClientSampleId :
COL56

Tgt Ion: 95 Resp: 15365

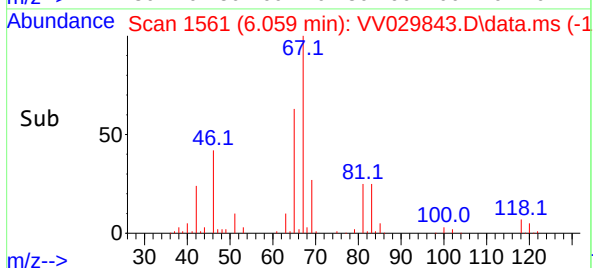
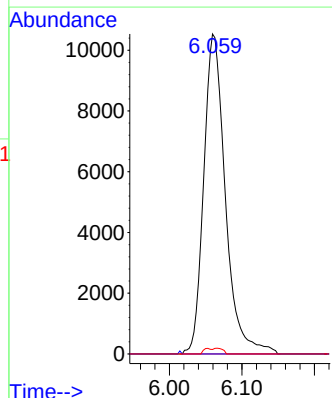
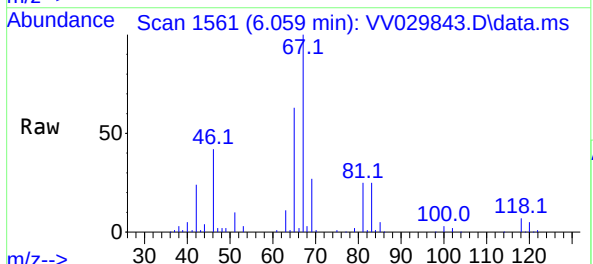
Ion	Ratio	Lower	Upper
95	100		
97	62.5	44.9	83.3
132	105.3	71.8	133.4
130	105.3	75.3	139.8

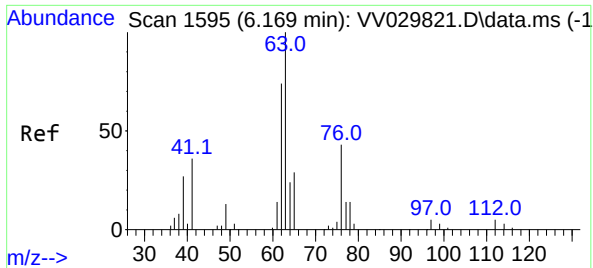


#35
Methylcyclohexane
Concen: 0.761 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.061 min
Lab File: VV029843.D
Acq: 14 Jan 2023 05:29

Tgt Ion: 83 Resp: 21870

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.3	85.9#
98	0.7	39.0	58.6#

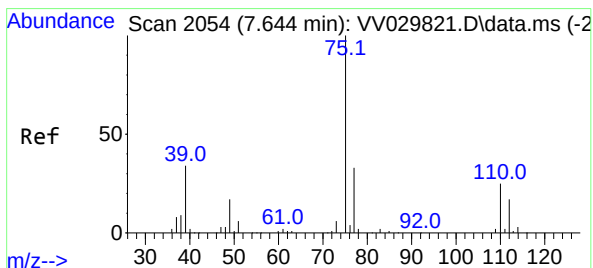
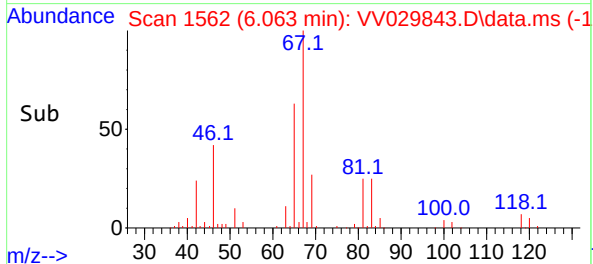
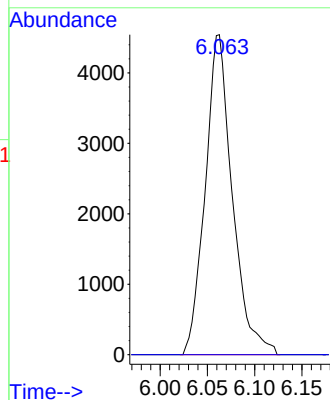
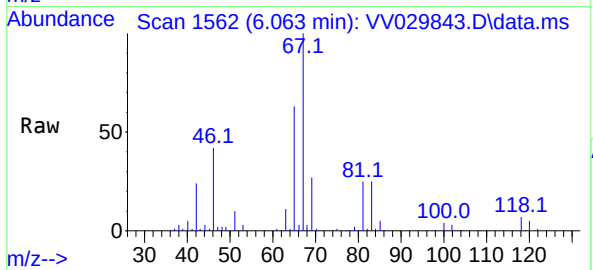




#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV029843.D
Acq: 14 Jan 2023 05:29

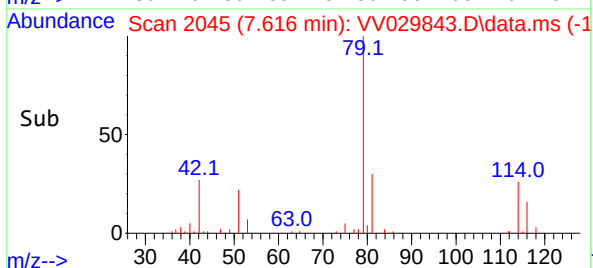
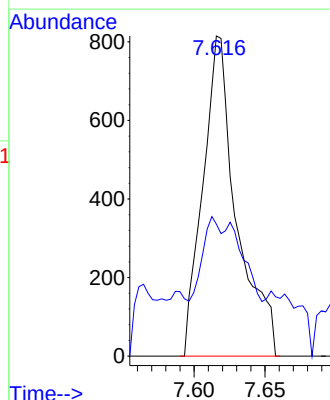
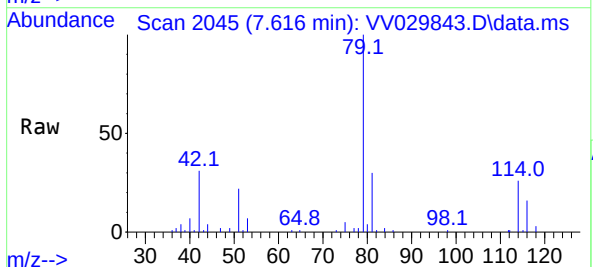
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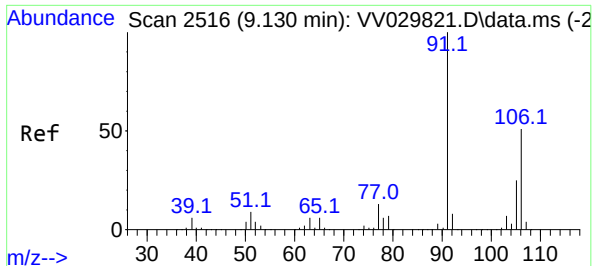
Tgt Ion: 63 Resp: 9079
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#44
trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.616 min Scan# 2045
Delta R.T. -0.026 min
Lab File: VV029843.D
Acq: 14 Jan 2023 05:29

Tgt Ion: 75 Resp: 1348
Ion Ratio Lower Upper
75 100
77 41.2 21.9 40.7#

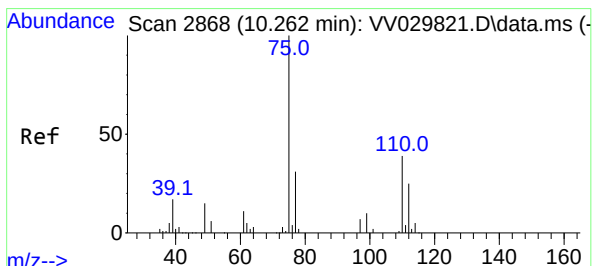
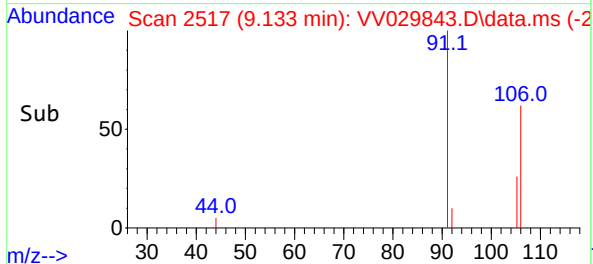
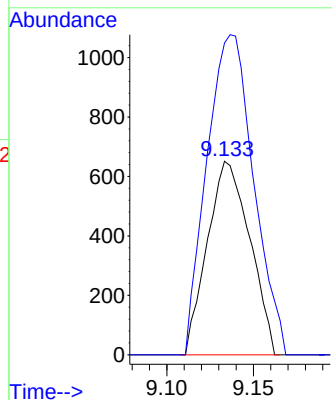
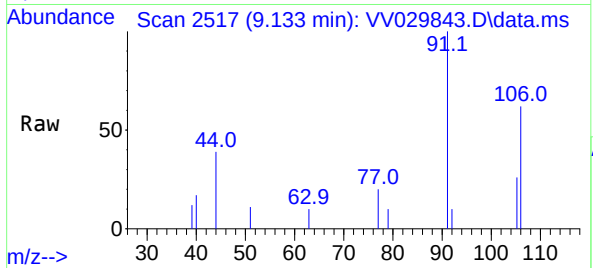




#53
m,p-Xylene
Concen: 0.037 ug/L
RT: 9.133 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029843.D
Acq: 14 Jan 2023 05:29

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:106 Resp: 1109
Ion Ratio Lower Upper
106 100
91 161.1 138.7 257.7



#61
1,2,3-Trichloropropane
Concen: 1.545 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.977 min
Lab File: VV029843.D
Acq: 14 Jan 2023 05:29

Tgt Ion: 75 Resp: 12183
Ion Ratio Lower Upper
75 100
77 31.4 26.5 39.7
110 1.7 31.8 47.8#

