

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029854.D
 Acq On : 14 Jan 2023 13:17
 Operator : SY/MD
 Sample : 01149-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL54

Quant Time: Jan 16 00:40:23 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)

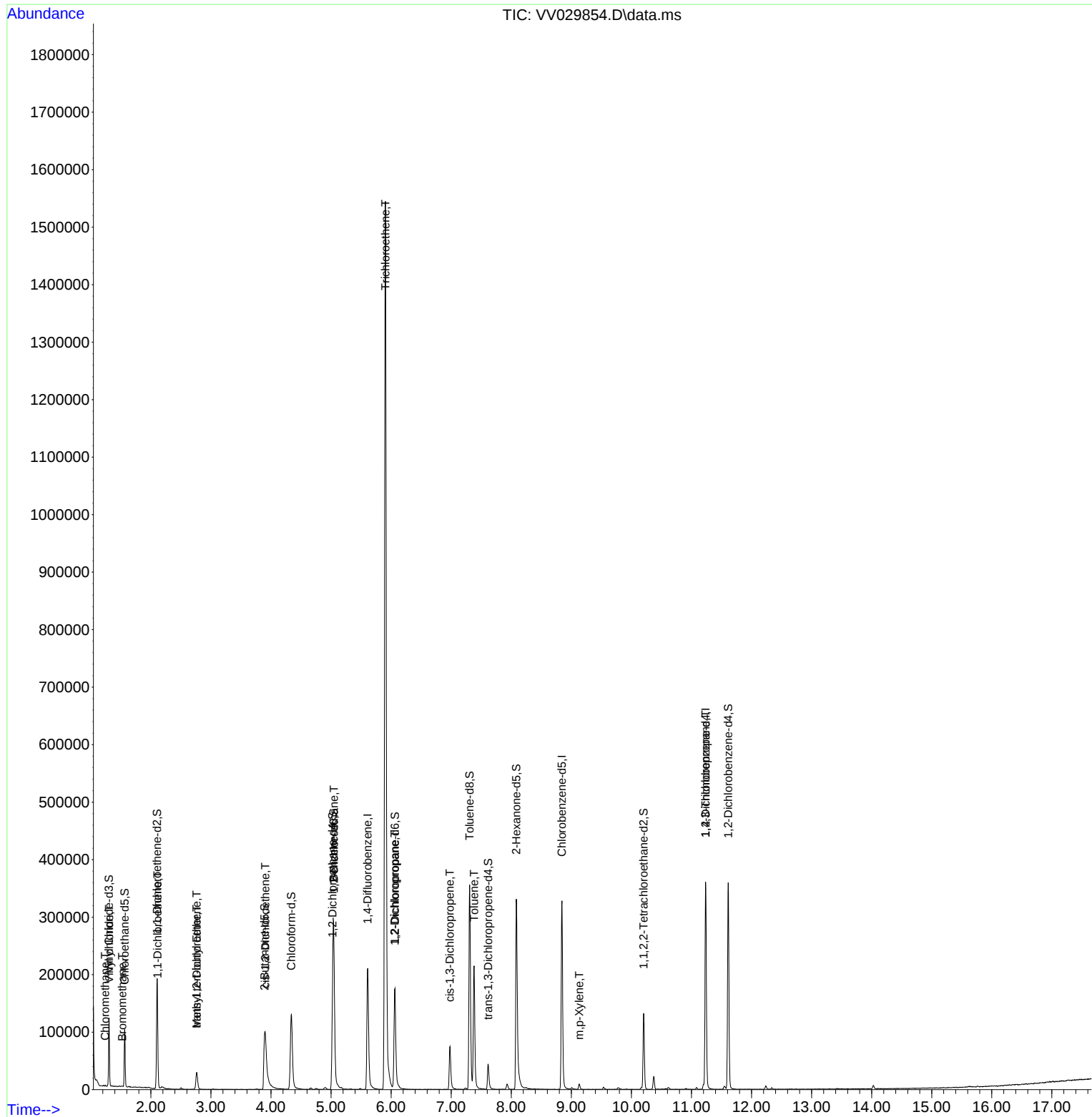
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	200791	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	196013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	102154	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67280	4.418	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.565	69	64355	5.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.105	63	96396	3.472	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	3.892	46	140576	52.077	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.160%
24) Chloroform-d	4.339	84	147289	5.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.024	65	63161	5.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.044	84	295658	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	6.063	67	93629	5.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.307	98	255854	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	7.616	79	28589	4.600	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.085	63	133556	52.787	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.580%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	67115	5.382	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	97415	5.245	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
3) Chloromethane	1.240	50	1123	0.057	ug/L	99
5) Vinyl chloride	1.307	62	1149	0.060	ug/L #	1
6) Bromomethane	1.523	94	429	0.046	ug/L	97
12) 1,1-Dichloroethene	2.114	96	3437	0.200	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	25362	0.856	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	2046	0.128	ug/L	91
22) cis-1,2-Dichloroethene	3.905	96	26811	1.579	ug/L	95
27) 1,2-Dichloroethane	5.047	62	1291	0.092	ug/L #	71
34) Trichloroethene	5.905	95	569787	34.693	ug/L	97
37) 1,2-Dichloropropane	6.060	63	9520	0.627	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1917	0.094	ug/L #	65
42) Toluene	7.381	91	165689	2.370	ug/L	100
53) m,p-Xylene	9.130	106	2999	0.104	ug/L	87
61) 1,2,3-Trichloropropane	11.236	75	11196	1.480	ug/L #	66

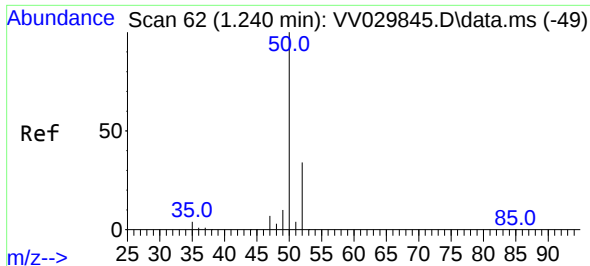
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

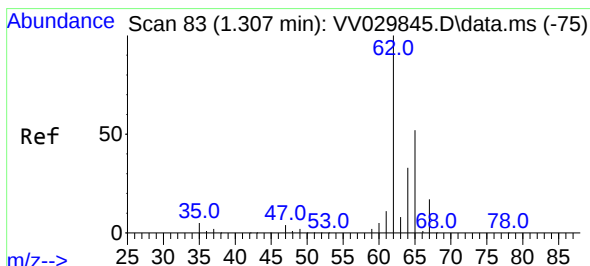
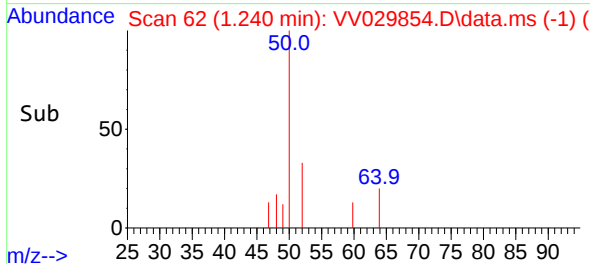
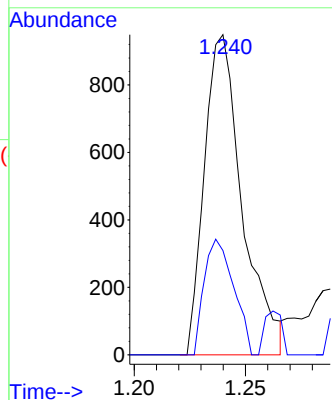
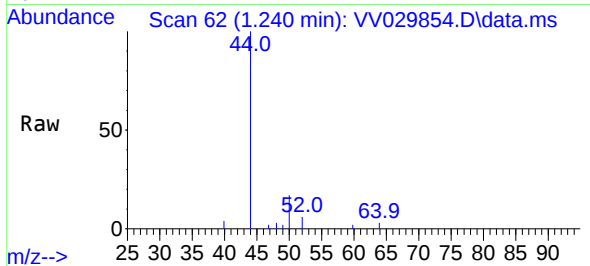




#3
Chloromethane
Concen: 0.057 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029854.D
Acq: 14 Jan 2023 13:17

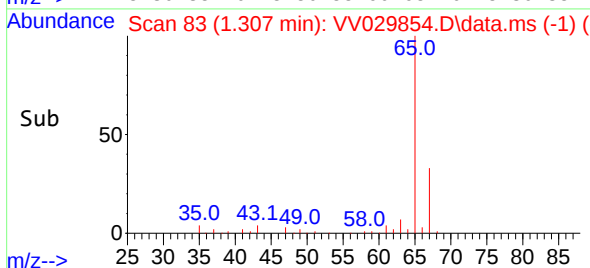
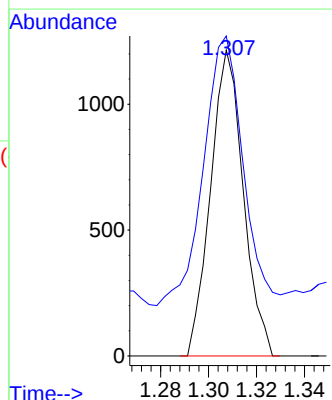
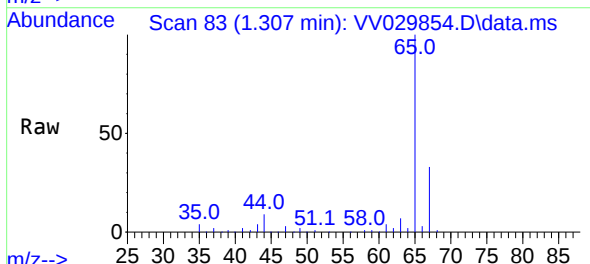
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MSVOA_V
ClientSampleId :
COL54

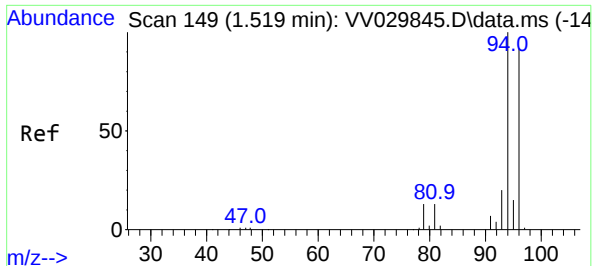
Tgt Ion: 50 Resp: 1123
Ion Ratio Lower Upper
50 100
52 32.6 23.1 42.9



#5
Vinyl chloride
Concen: 0.060 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV029854.D
Acq: 14 Jan 2023 13:17

Tgt Ion: 62 Resp: 1149
Ion Ratio Lower Upper
62 100
64 104.6 23.2 43.2#

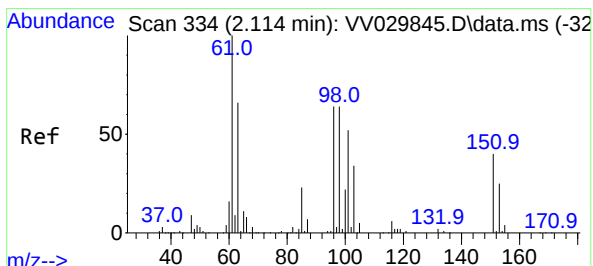
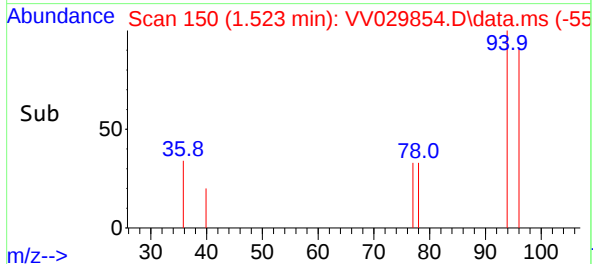
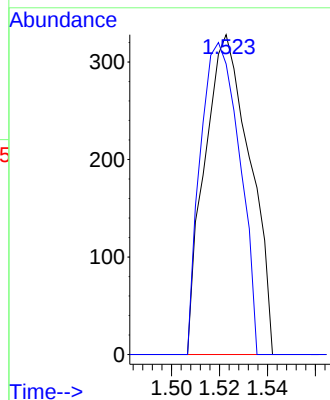
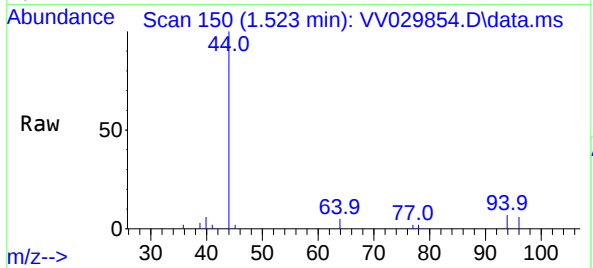




#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029854.D
Acq: 14 Jan 2023 13:17

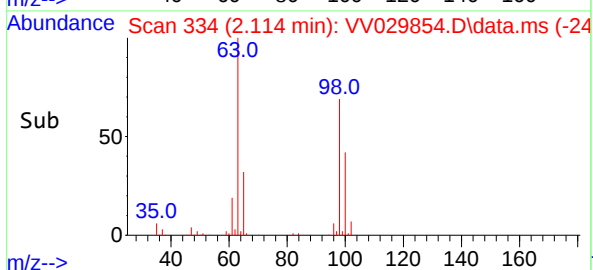
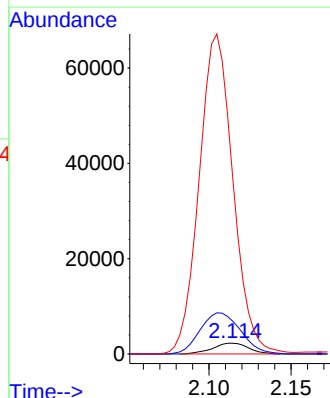
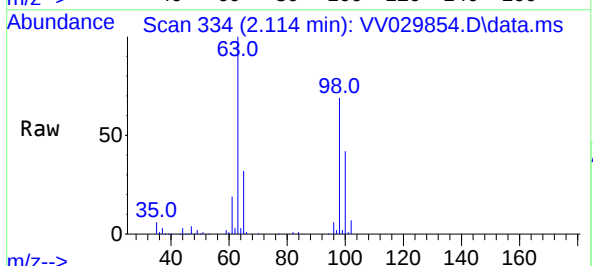
Instrument :
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ClientSampleId :
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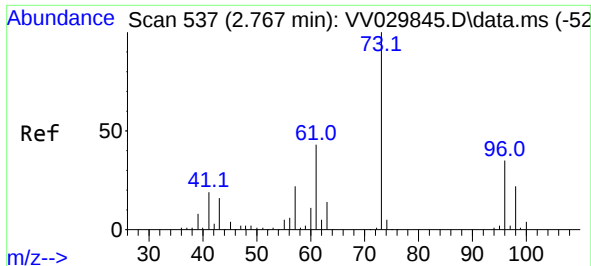
Tgt Ion: 94 Resp: 429
Ion Ratio Lower Upper
94 100
96 90.9 65.9 122.5



#12
1,1-Dichloroethene
Concen: 0.200 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029854.D
Acq: 14 Jan 2023 13:17

Tgt Ion: 96 Resp: 3437
Ion Ratio Lower Upper
96 100
61 306.3 106.1 197.1#
63 1646.9 76.4 141.8#

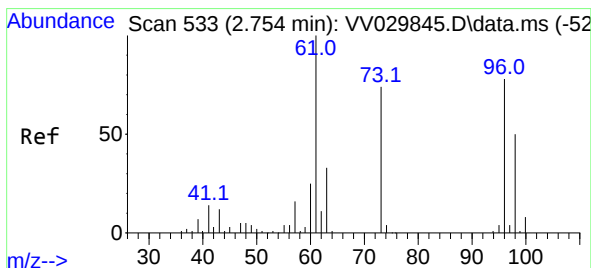
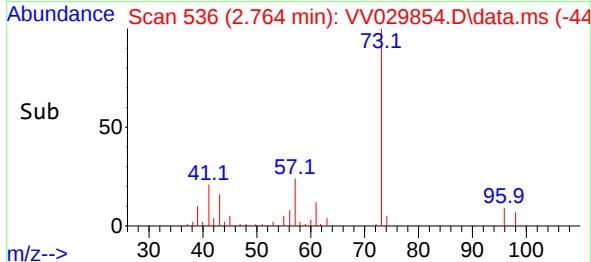
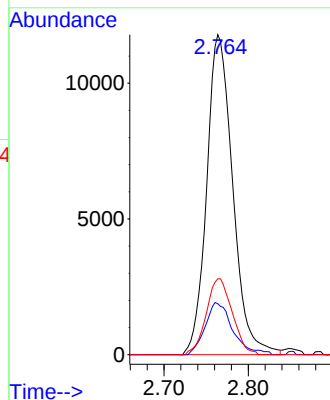
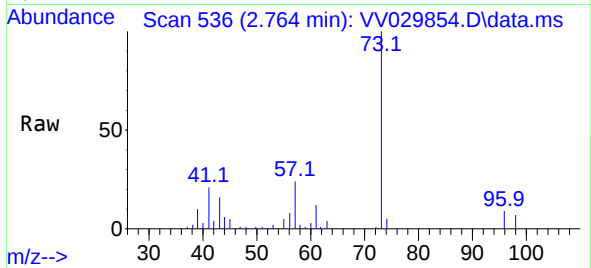




#17
Methyl tert-butyl Ether
Concen: 0.856 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029854.D
Acq: 14 Jan 2023 13:17

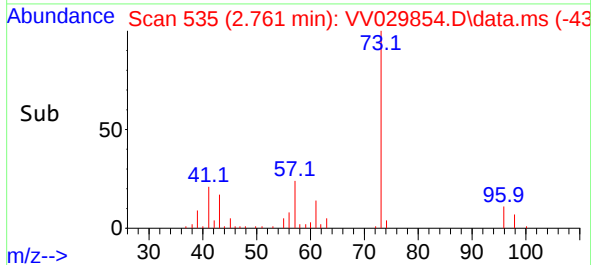
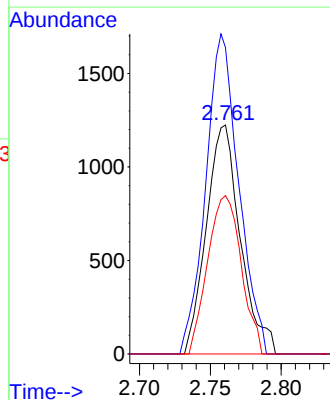
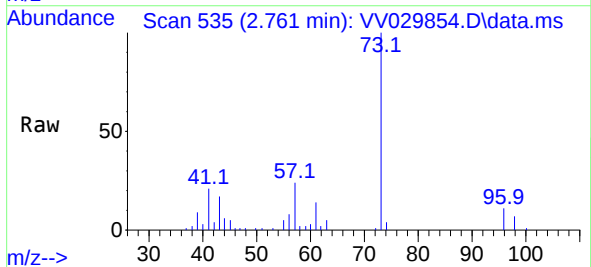
Instrument :
MSVOA_V
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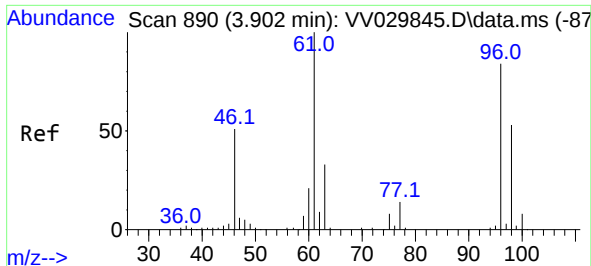
Tgt Ion: 73	Resp:	25362
Ion	Ratio	Lower Upper
73	100	
43	17.2	13.0 19.4
57	23.6	17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 0.128 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV029854.D
Acq: 14 Jan 2023 13:17

Tgt Ion: 96	Resp:	2046
Ion	Ratio	Lower Upper
96	100	
61	133.8	86.1 159.9
98	69.2	43.9 81.5

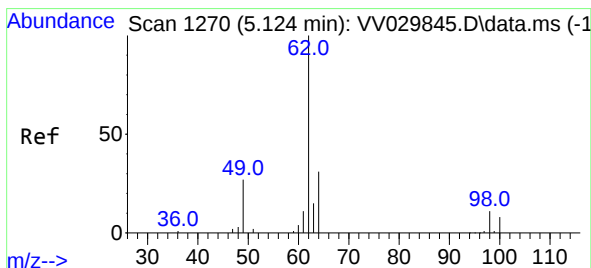
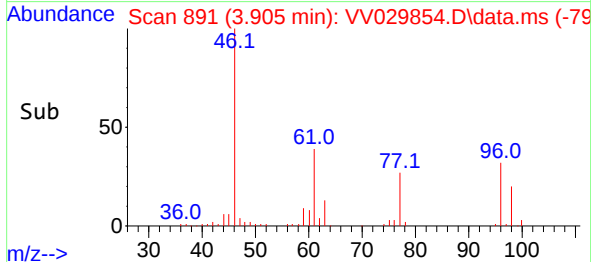
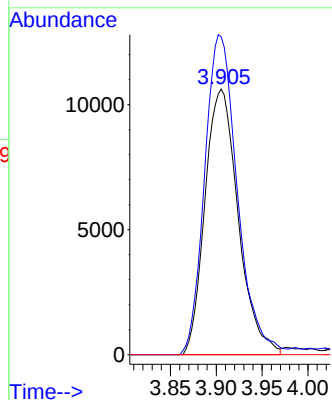
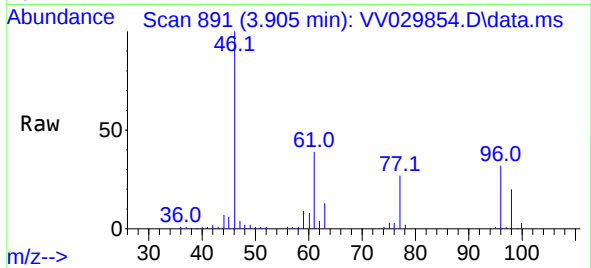




#22
 cis-1,2-Dichloroethene
 Concen: 1.579 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV029854.D
 Acq: 14 Jan 2023 13:17

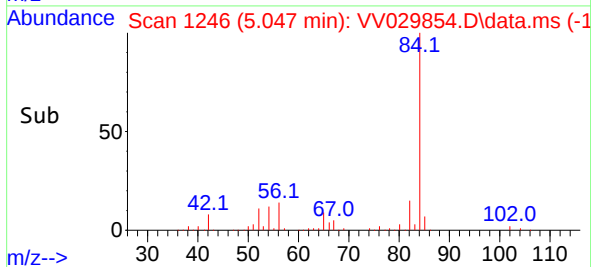
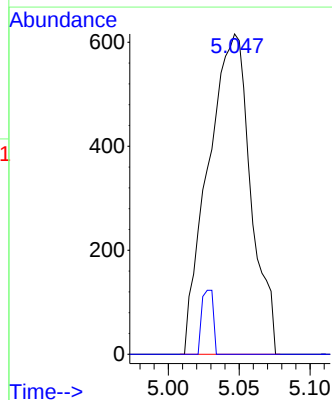
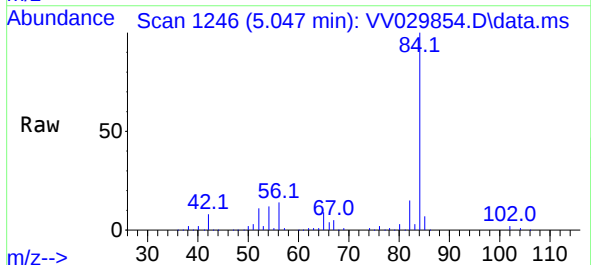
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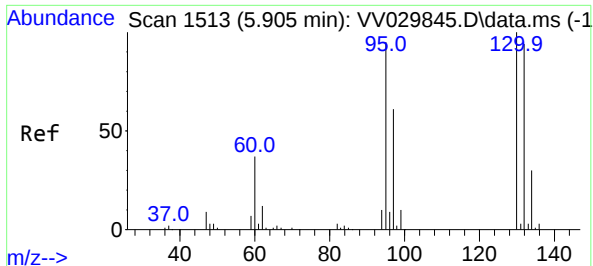
Tgt Ion: 96 Resp: 26811
 Ion Ratio Lower Upper
 96 100
 61 119.7 80.0 148.6
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.092 ug/L
 RT: 5.047 min Scan# 1246
 Delta R.T. -0.074 min
 Lab File: VV029854.D
 Acq: 14 Jan 2023 13:17

Tgt Ion: 62 Resp: 1291
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.9 13.3#

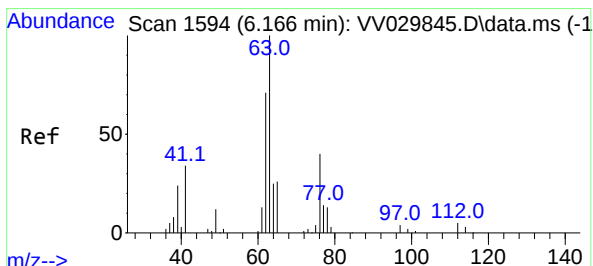
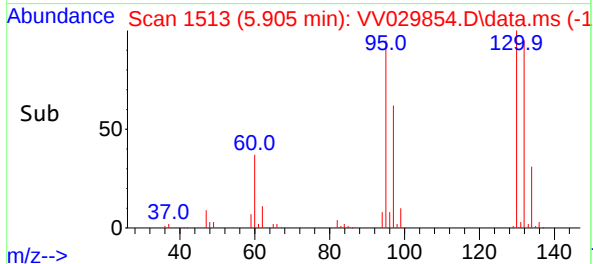
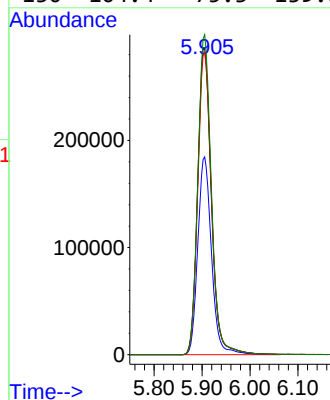
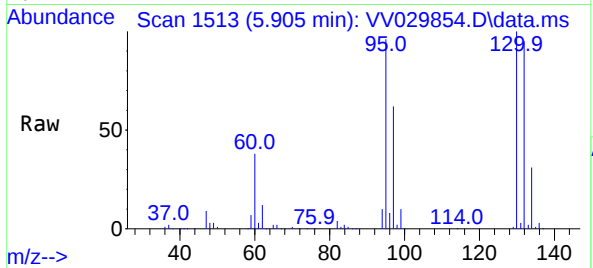




#34
Trichloroethene
Concen: 34.693 ug/L
RT: 5.905 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029854.D
Acq: 14 Jan 2023 13:17

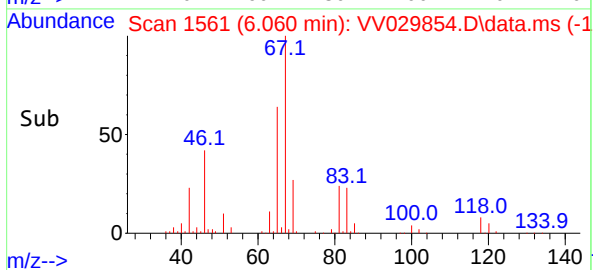
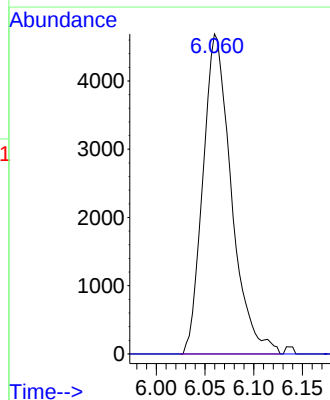
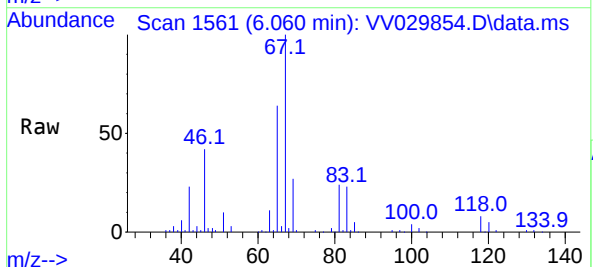
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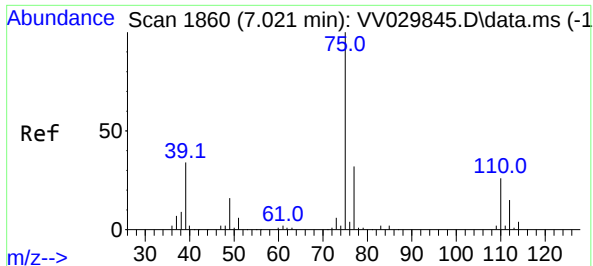
Tgt Ion: 95 Resp: 569787
Ion Ratio Lower Upper
95 100
97 64.6 44.9 83.3
132 98.7 71.8 133.4
130 104.4 75.3 139.8



#37
1,2-Dichloropropane
Concen: 0.627 ug/L
RT: 6.060 min Scan# 1561
Delta R.T. -0.103 min
Lab File: VV029854.D
Acq: 14 Jan 2023 13:17

Tgt Ion: 63 Resp: 9520
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.979 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV029854.D

Acq: 14 Jan 2023 13:17

Instrument :

MSVOA_V

ClientSampleId :

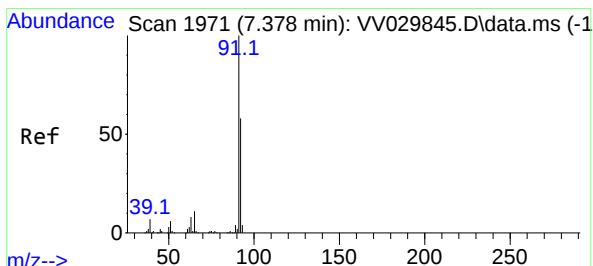
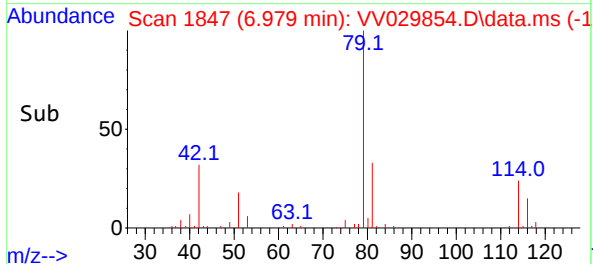
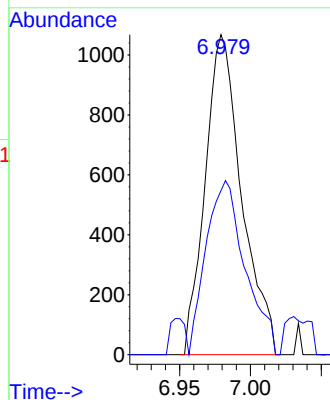
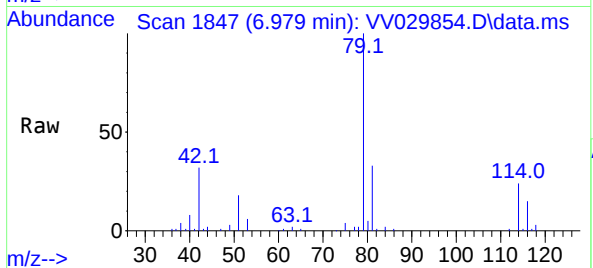
COL54

Tgt Ion: 75 Resp: 1917

Ion Ratio Lower Upper

75 100

77 51.3 22.4 41.6#



#42

Toluene

Concen: 2.370 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV029854.D

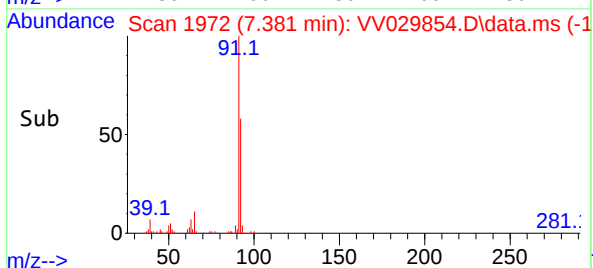
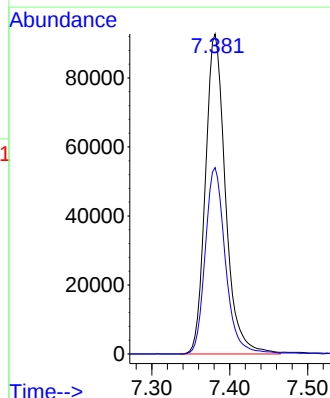
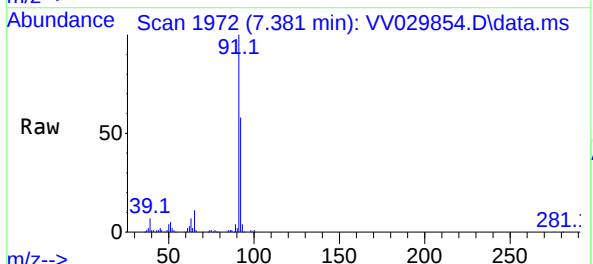
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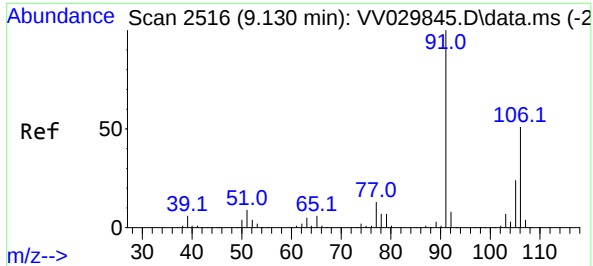
Tgt Ion: 91 Resp: 165689

Ion Ratio Lower Upper

91 100

92 58.2 40.6 75.4

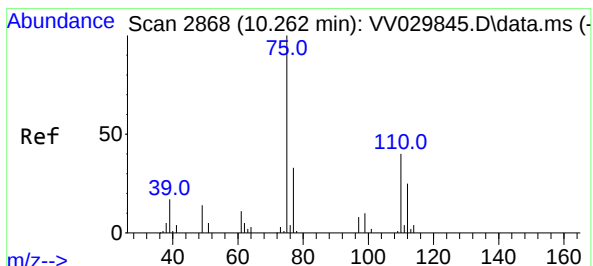
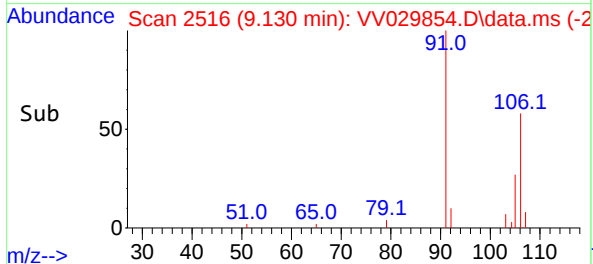
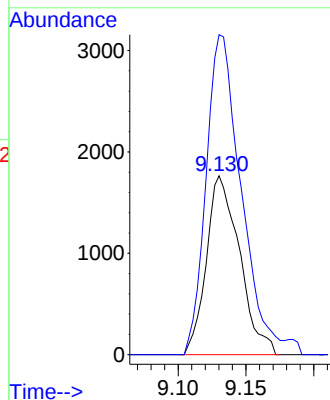
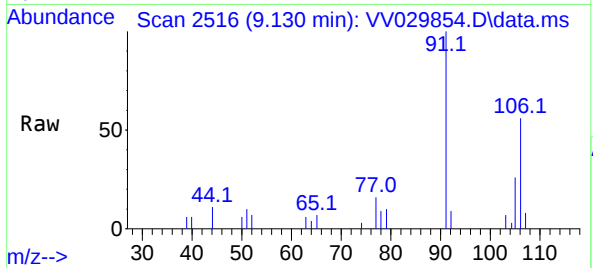




#53
m,p-Xylene
Concen: 0.104 ug/L
RT: 9.130 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV029854.D
Acq: 14 Jan 2023 13:17

Instrument :
MSVOA_V
ClientSampleId :
COL54

Tgt Ion:106 Resp: 2999
Ion Ratio Lower Upper
106 100
91 178.9 138.7 257.7



#61
1,2,3-Trichloropropane
Concen: 1.480 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029854.D
Acq: 14 Jan 2023 13:17

Tgt Ion: 75 Resp: 11196
Ion Ratio Lower Upper
75 100
77 34.5 26.5 39.7
110 2.8 31.8 47.8#

