

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029852.D
 Acq On : 14 Jan 2023 12:29
 Operator : SY/MD
 Sample : 01149-03 500X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL53

Quant Time: Jan 16 00:40:06 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)

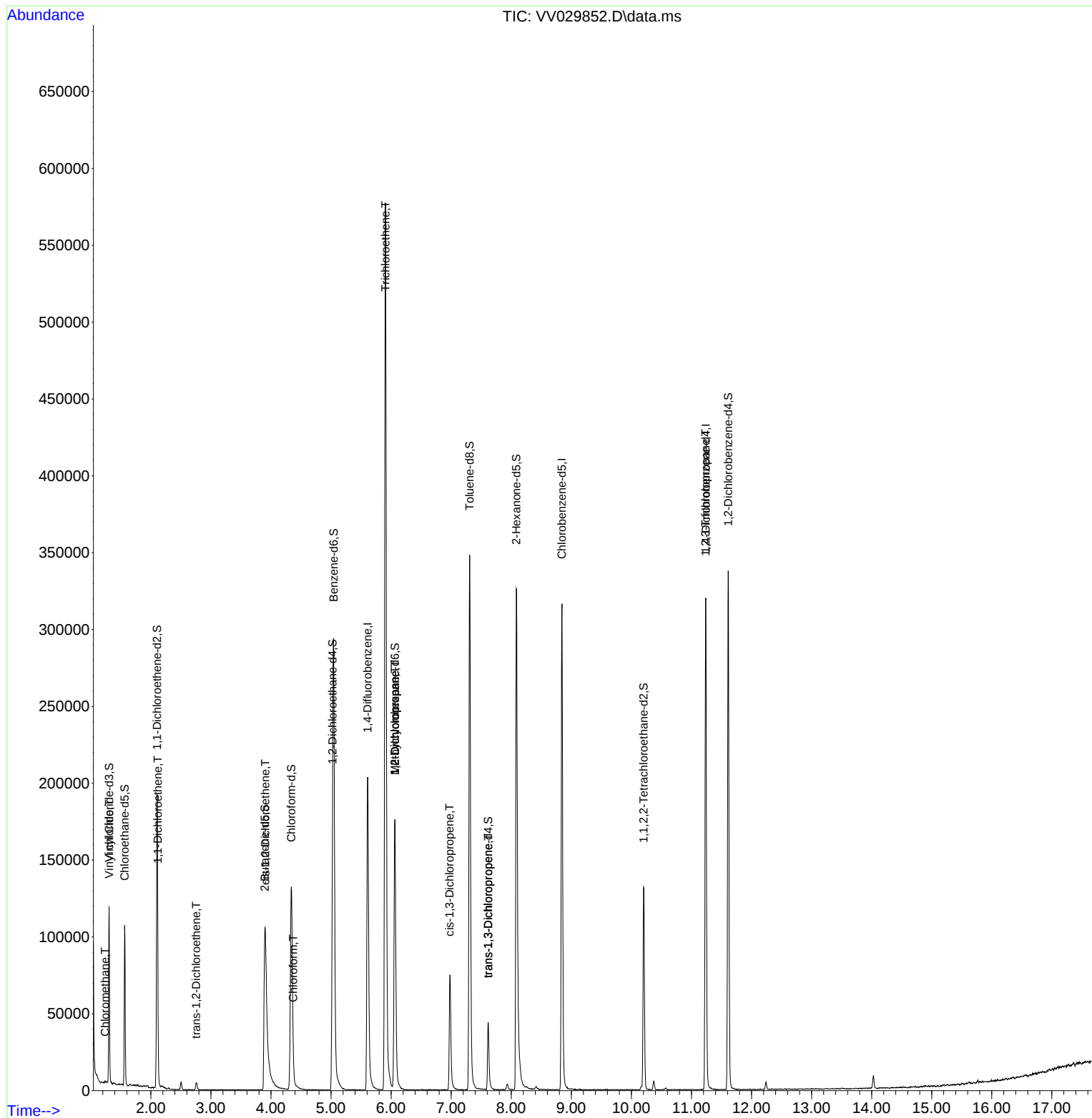
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	195160	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	190102	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	91736	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69871	4.720	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.564	69	65401	5.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.104	63	97367	3.608	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	3.895	46	150142	57.226	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.460%
24) Chloroform-d	4.339	84	148171	5.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
26) 1,2-Dichloroethane-d4	5.024	65	65737	5.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.400%
32) Benzene-d6	5.043	84	292773	5.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.063	67	96048	5.820	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.400%
41) Toluene-d8	7.307	98	253412	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.616	79	27981	4.642	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.085	63	133446	54.383	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.760%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	68197	5.639	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	91406	5.481	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	799	0.042	ug/L #	62
5) Vinyl chloride	1.307	62	2398	0.128	ug/L #	52
12) 1,1-Dichloroethene	2.114	96	3932	0.236	ug/L #	1
18) trans-1,2-Dichloroethene	2.754	96	2160	0.139	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	27744	1.681	ug/L	97
25) Chloroform	4.371	83	2991	0.106	ug/L	97
34) Trichloroethene	5.905	95	213425	13.399	ug/L	97
35) Methylcyclohexane	6.063	83	21944	0.816	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	9447	0.642	ug/L #	85
39) cis-1,3-Dichloropropene	6.976	75	1979	0.100	ug/L #	60
44) trans-1,3-Dichloropropene	7.616	75	1196	0.075	ug/L #	69
61) 1,2,3-Trichloropropane	11.236	75	10100	1.487	ug/L #	67

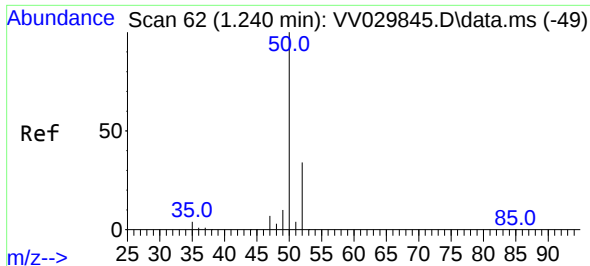
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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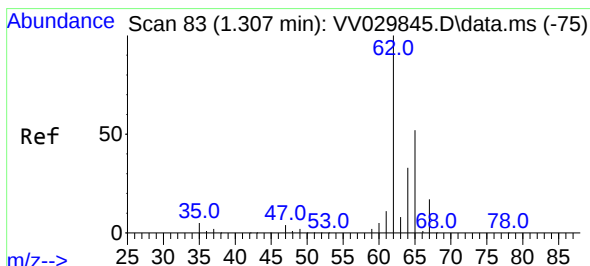
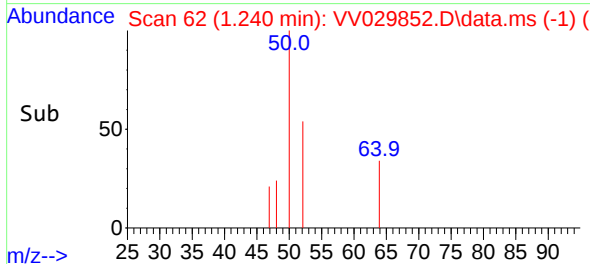
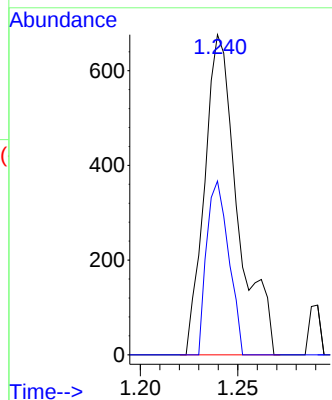
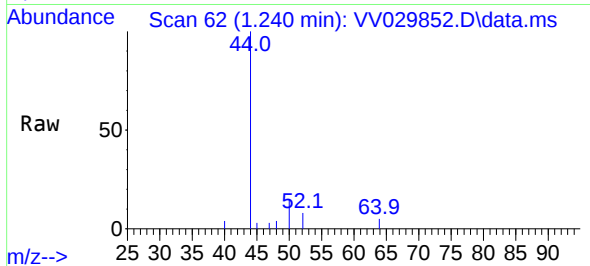




#3
Chloromethane
Concen: 0.042 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029852.D
Acq: 14 Jan 2023 12:29

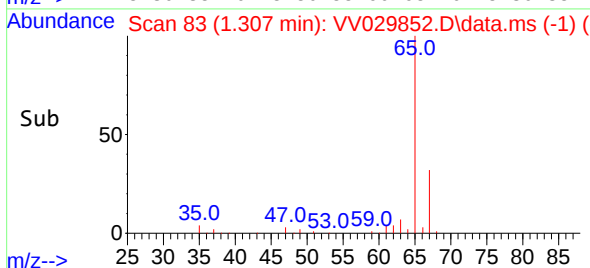
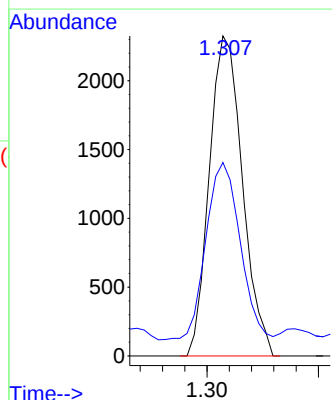
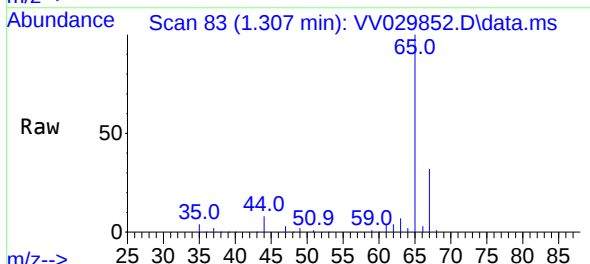
Instrument :
MSVOA_V
ClientSampleId :
COL53

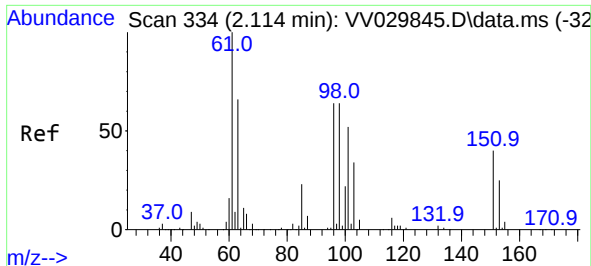
Tgt Ion: 50 Resp: 799
Ion Ratio Lower Upper
50 100
52 54.3 23.1 42.9#



#5
Vinyl chloride
Concen: 0.128 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV029852.D
Acq: 14 Jan 2023 12:29

Tgt Ion: 62 Resp: 2398
Ion Ratio Lower Upper
62 100
64 60.4 23.2 43.2#

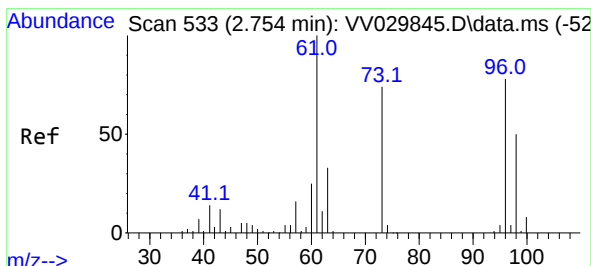
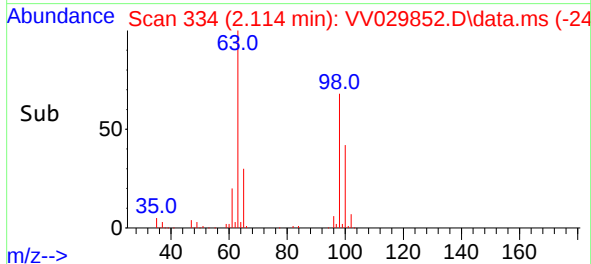
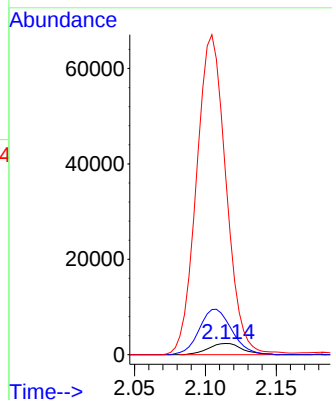
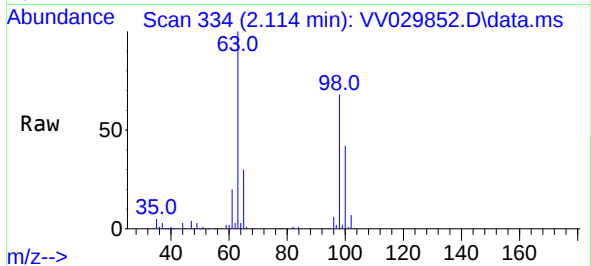




#12
1,1-Dichloroethene
Concen: 0.236 ug/L
RT: 2.114 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV029852.D
Acq: 14 Jan 2023 12:29

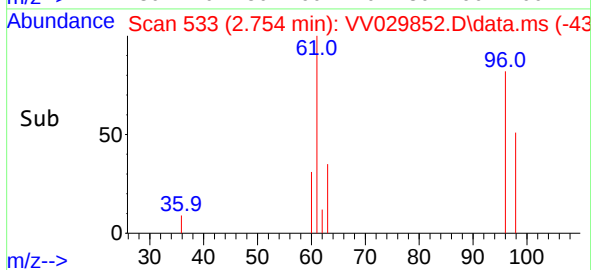
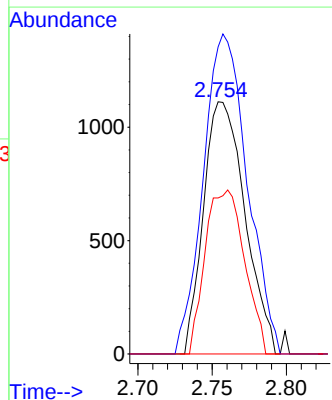
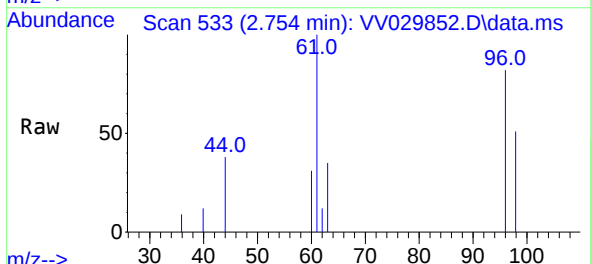
Instrument :
MSVOA_V
ClientSampleId :
COL53

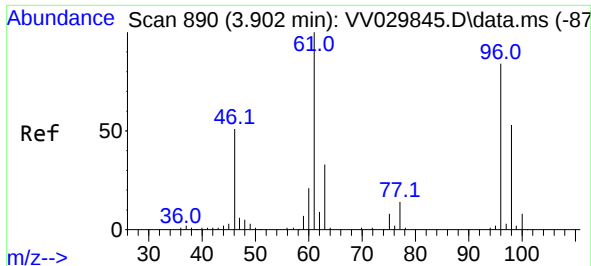
Tgt Ion: 96 Resp: 3932
Ion Ratio Lower Upper
96 100
61 314.5 106.1 197.1#
63 1611.9 76.4 141.8#



#18
trans-1,2-Dichloroethene
Concen: 0.139 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV029852.D
Acq: 14 Jan 2023 12:29

Tgt Ion: 96 Resp: 2160
Ion Ratio Lower Upper
96 100
61 121.8 86.1 159.9
98 61.9 43.9 81.5

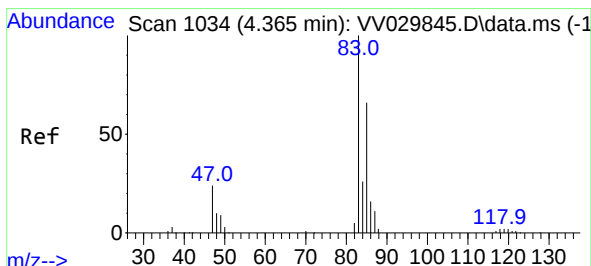
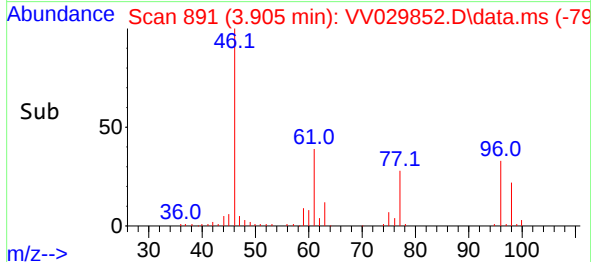
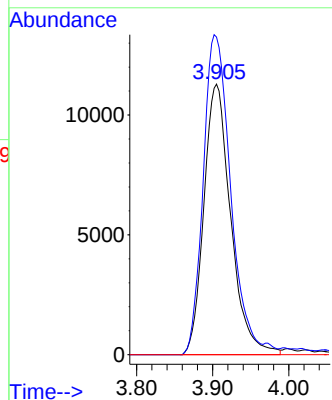
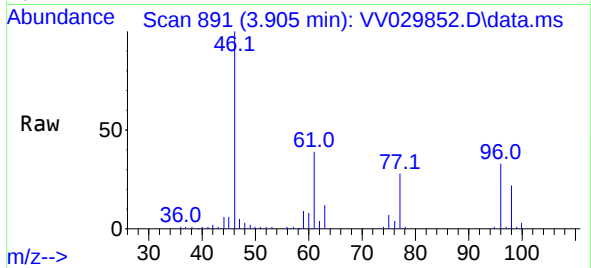




#22
cis-1,2-Dichloroethene
Concen: 1.681 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV029852.D
Acq: 14 Jan 2023 12:29

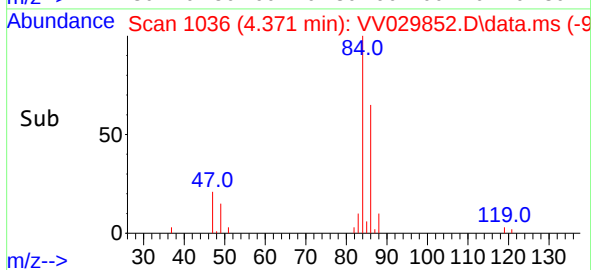
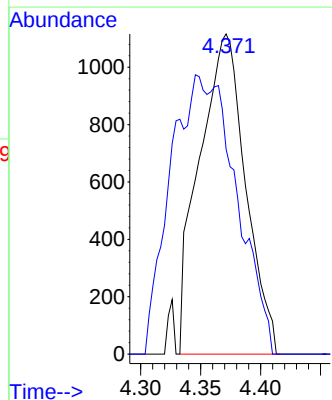
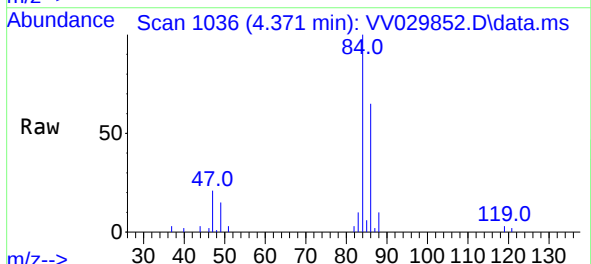
Instrument :
MSVOA_V
ClientSampleId :
COL53

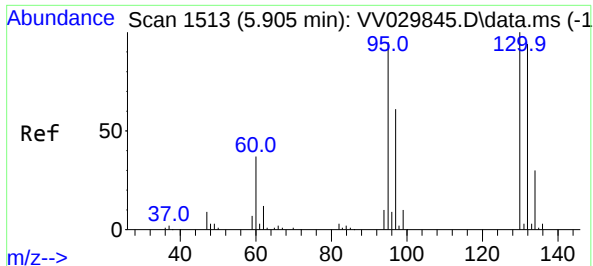
Tgt Ion: 96 Resp: 27744
Ion Ratio Lower Upper
96 100
61 117.4 80.0 148.6
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.106 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.009 min
Lab File: VV029852.D
Acq: 14 Jan 2023 12:29

Tgt Ion: 83 Resp: 2991
Ion Ratio Lower Upper
83 100
85 64.0 46.5 86.5

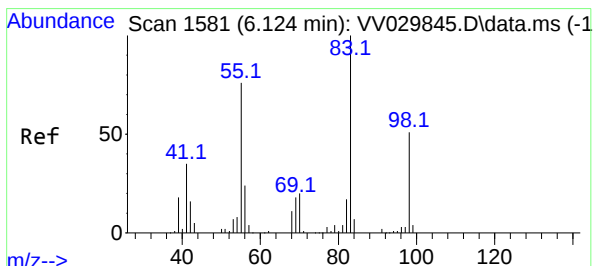
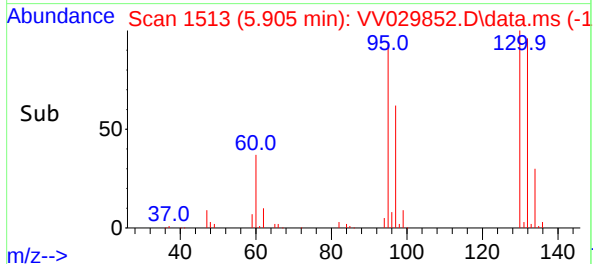
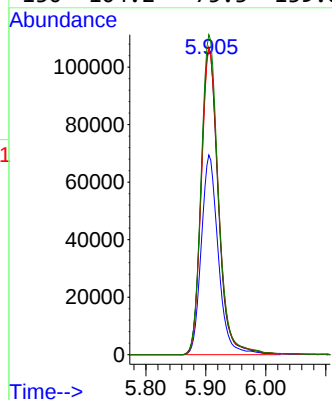
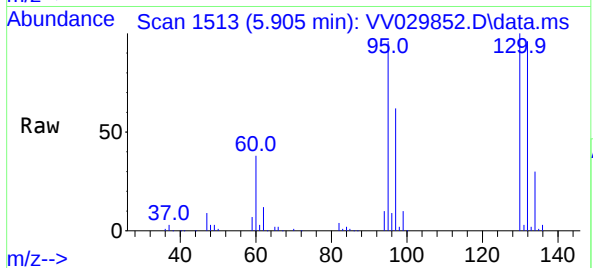




#34
Trichloroethene
Concen: 13.399 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029852.D
Acq: 14 Jan 2023 12:29

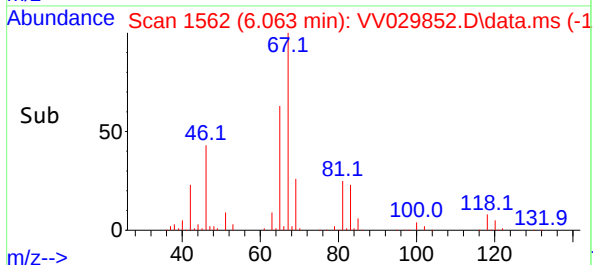
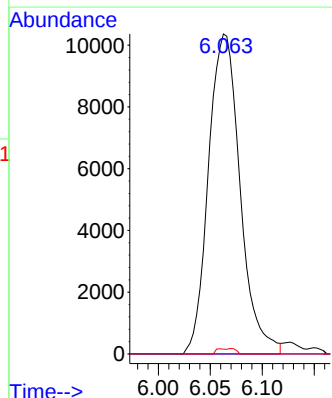
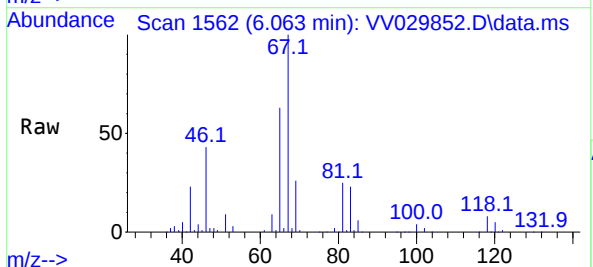
Instrument :
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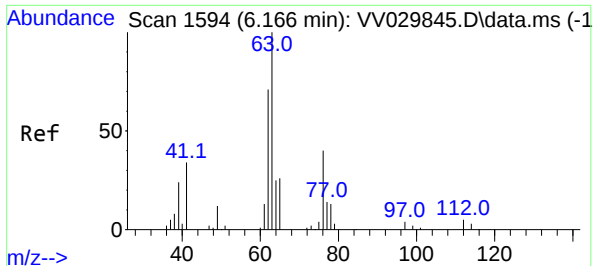
Tgt Ion: 95 Resp: 213425
Ion Ratio Lower Upper
95 100
97 65.0 44.9 83.3
132 99.7 71.8 133.4
130 104.2 75.3 139.8



#35
Methylcyclohexane
Concen: 0.816 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029852.D
Acq: 14 Jan 2023 12:29

Tgt Ion: 83 Resp: 21944
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.642 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV029852.D

Acq: 14 Jan 2023 12:29

Instrument :

MSVOA_V

ClientSampleId :

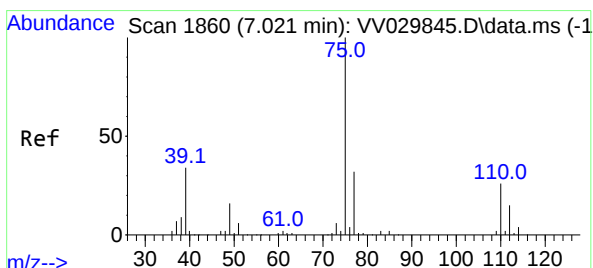
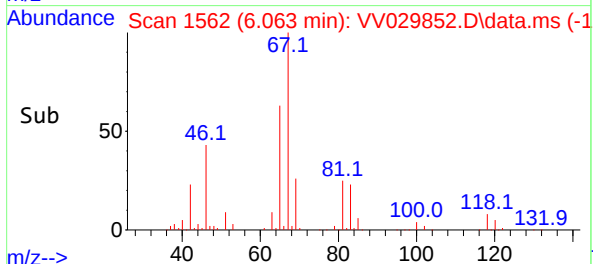
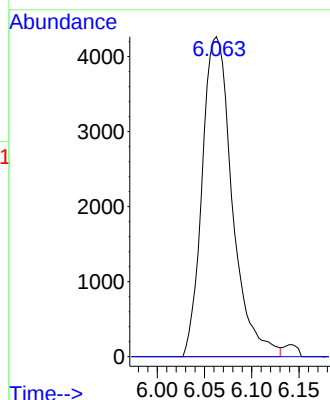
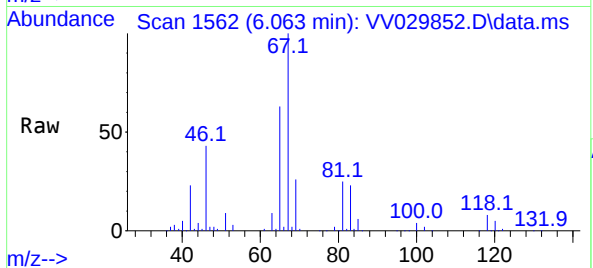
C0L53

Tgt Ion: 63 Resp: 9447

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.976 min Scan# 1846

Delta R.T. -0.042 min

Lab File: VV029852.D

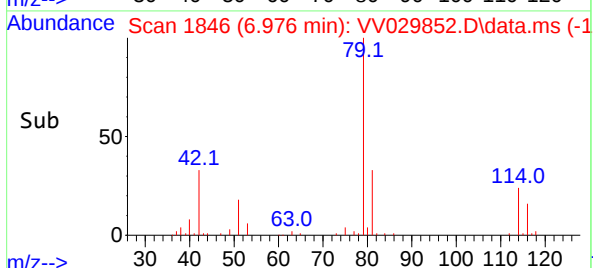
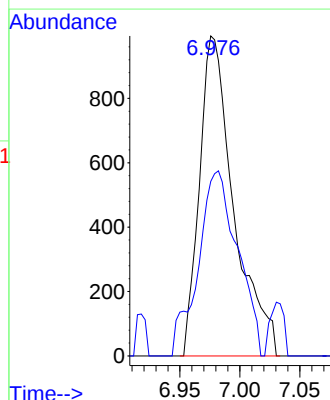
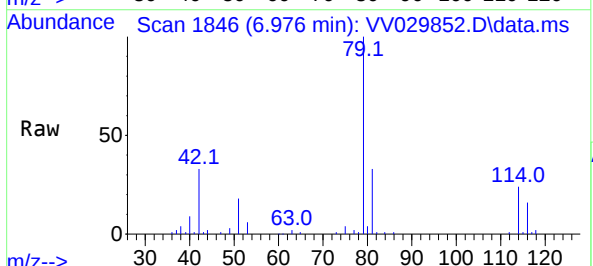
Acq: 14 Jan 2023 12:29

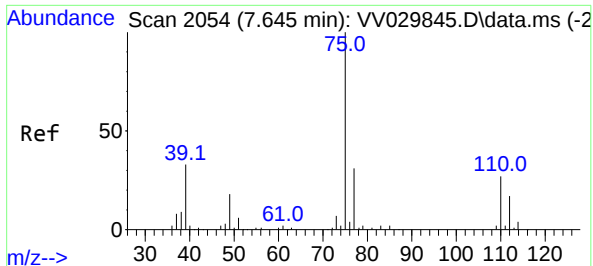
Tgt Ion: 75 Resp: 1979

Ion Ratio Lower Upper

75 100

77 54.5 22.4 41.6#

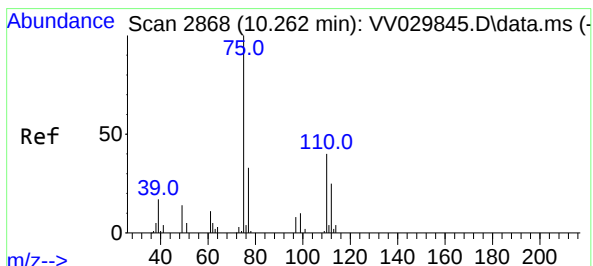
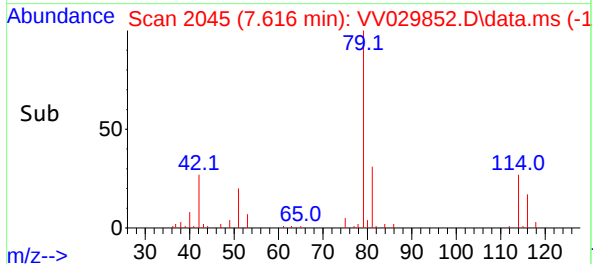
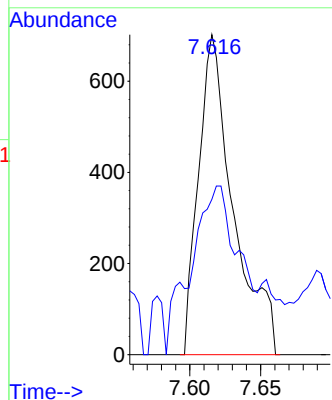
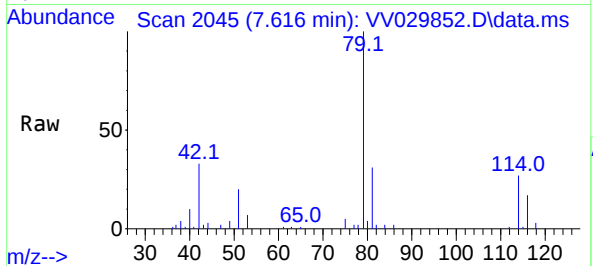




#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.616 min Scan# 2054
Delta R.T. -0.026 min
Lab File: VV029852.D
Acq: 14 Jan 2023 12:29

Instrument :
MSVOA_V
ClientSampleId :
COL53

Tgt Ion: 75 Resp: 1196
Ion Ratio Lower Upper
75 100
77 48.6 21.9 40.7#



#61
1,2,3-Trichloropropane
Concen: 1.487 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029852.D
Acq: 14 Jan 2023 12:29

Tgt Ion: 75 Resp: 10100
Ion Ratio Lower Upper
75 100
77 33.1 26.5 39.7
110 2.0 31.8 47.8#

