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 Data File : VW025539.D
 Acq On : 14 Apr 2022 12:33
 Operator : SY/MD
 Sample : N2356-05DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

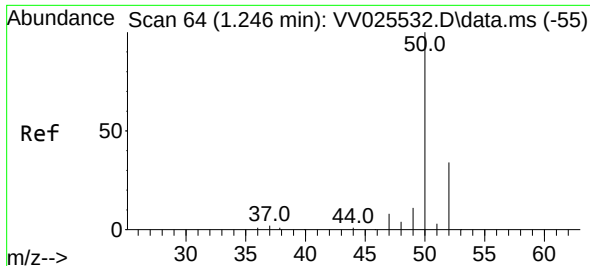
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDS3DL

Quant Time: Apr 15 07:21:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 15 07:05:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	160228	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	161526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74862	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	68864	4.623	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.574	69	64202	4.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.111	63	108929	3.650	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	3.902	46	91949	50.744	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.480%
24) Chloroform-d	4.352	84	106546	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.034	65	49481	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.053	84	218320	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.072	67	61654	4.730	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.317	98	185144	4.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.625	79	17739	4.049	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.092	63	69526	45.218	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37506	4.555	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	59545	4.744	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						Qvalue
3) Chloromethane	1.246	50	1168	0.074	ug/L	98
5) Vinyl chloride	1.317	62	2913	0.164	ug/L #	59
6) Bromomethane	1.529	94	572	0.045	ug/L	97
12) 1,1-Dichloroethene	2.111	96	1119	0.081	ug/L #	1
16) Methylene chloride	2.513	84	3234	0.240	ug/L	98
18) trans-1,2-Dichloroethene	2.770	96	1638	0.141	ug/L	88
22) cis-1,2-Dichloroethene	3.918	96	41959	3.422	ug/L	93
25) Chloroform	4.371	83	2665	0.128	ug/L	92
35) Methylcyclohexane	6.072	83	15566	0.770	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6992	0.633	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1446	0.100	ug/L #	41
44) trans-1,3-Dichloropropene	7.625	75	845	0.075	ug/L	92
61) 1,2,3-Trichloropropane	11.246	75	9116	1.849	ug/L #	62

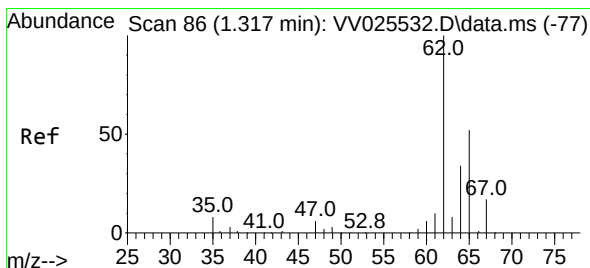
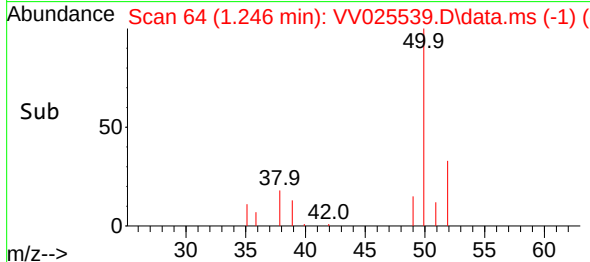
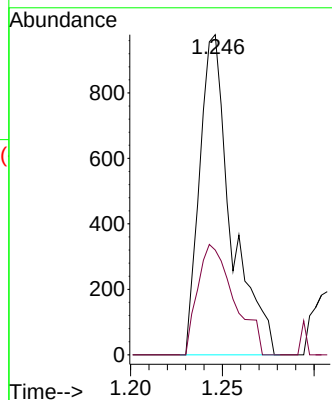
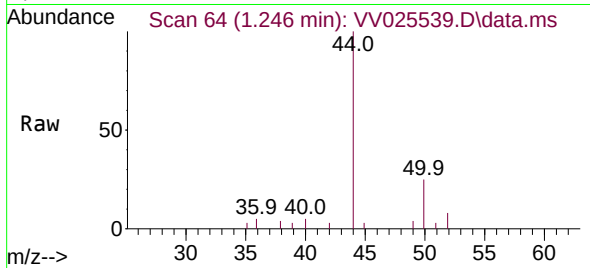
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.074 ug/L
RT: 1.246 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV025539.D
Acq: 14 Apr 2022 12:33

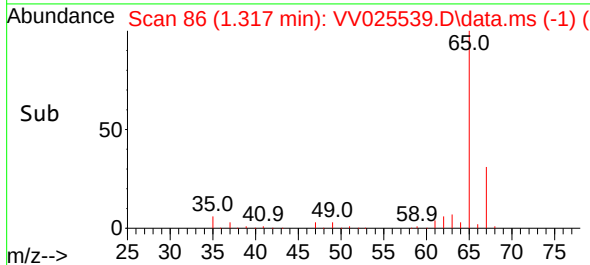
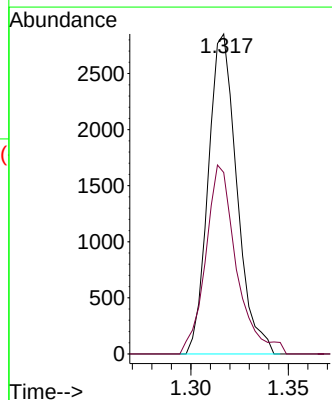
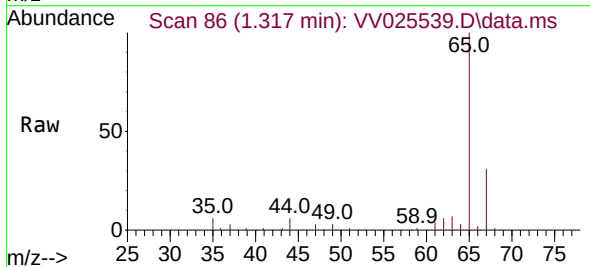
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GBDS3DL

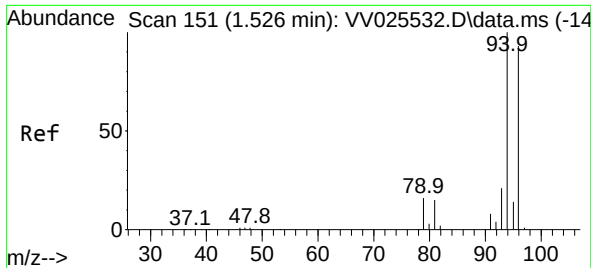
Tgt Ion: 50 Resp: 1168
Ion Ratio Lower Upper
50 100
52 32.7 23.7 43.9



#5
Vinyl chloride
Concen: 0.164 ug/L
RT: 1.317 min Scan# 86
Delta R.T. -0.000 min
Lab File: VV025539.D
Acq: 14 Apr 2022 12:33

Tgt Ion: 62 Resp: 2913
Ion Ratio Lower Upper
62 100
64 56.7 23.2 43.2#

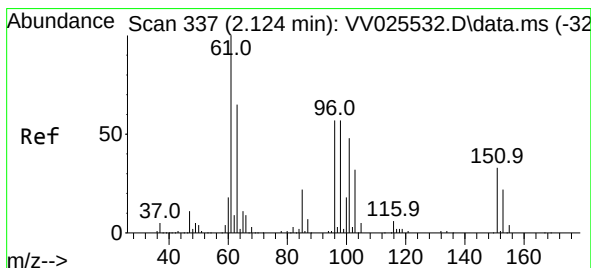
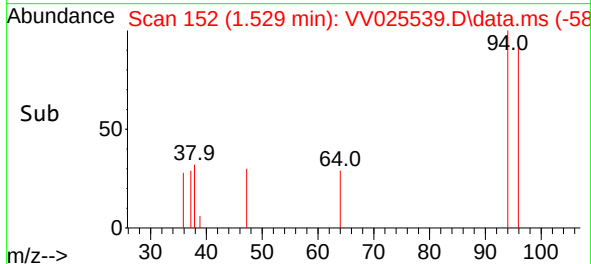
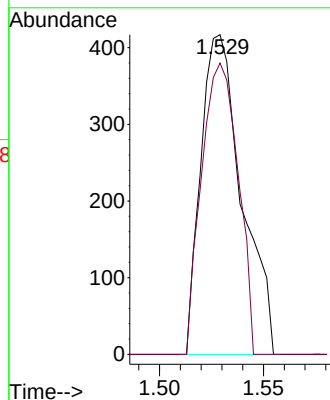
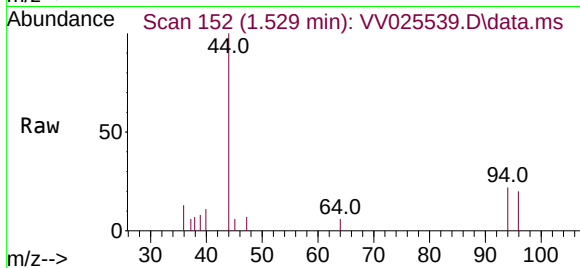




#6
Bromomethane
Concen: 0.045 ug/L
RT: 1.529 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025539.D
Acq: 14 Apr 2022 12:33

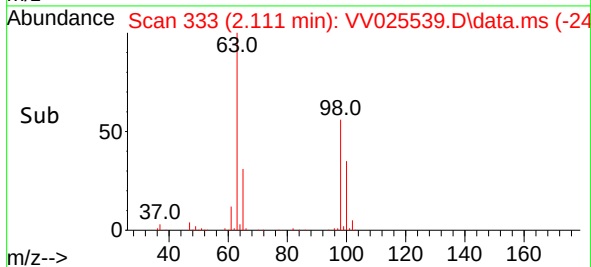
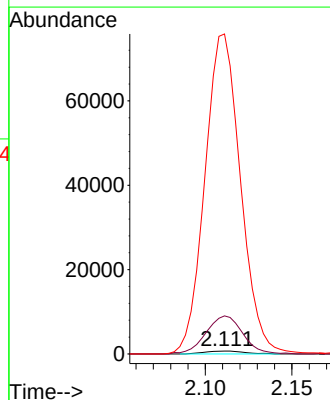
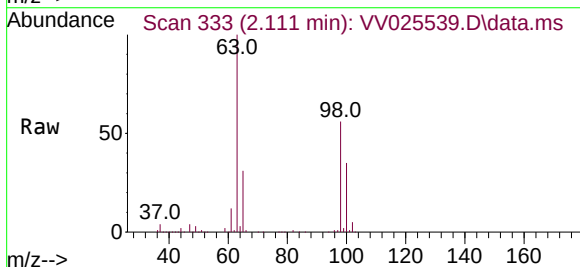
Instrument :
MSVOA_V
ClientSampleId :
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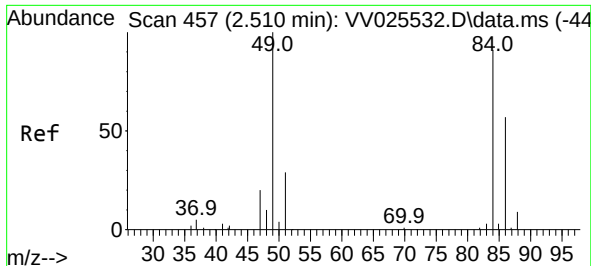
Tgt Ion: 94 Resp: 572
Ion Ratio Lower Upper
94 100
96 91.1 66.1 122.7



#12
1,1-Dichloroethene
Concen: 0.081 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.013 min
Lab File: VV025539.D
Acq: 14 Apr 2022 12:33

Tgt Ion: 96 Resp: 1119
Ion Ratio Lower Upper
96 100
61 1309.0 125.2 232.4#
63 10995.9 114.4 212.4#

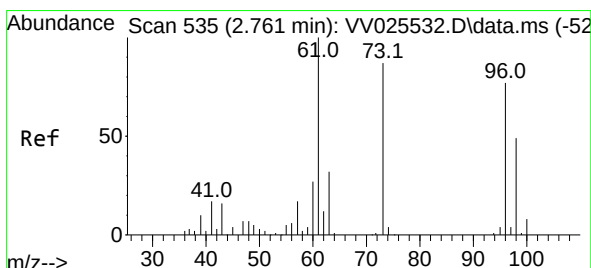
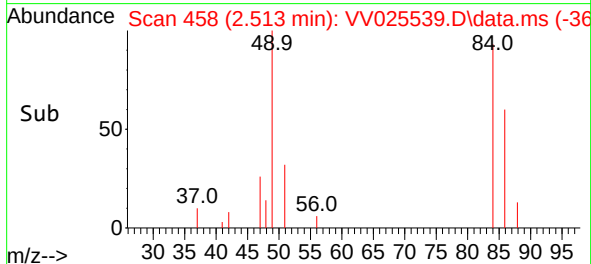
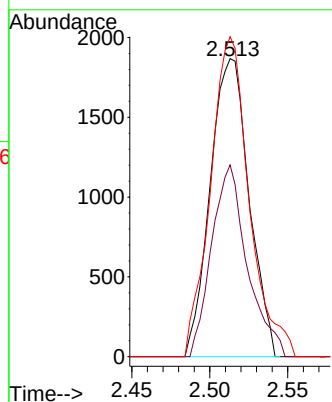
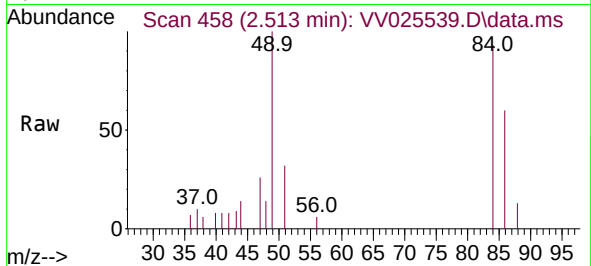




#16
Methylene chloride
Concen: 0.240 ug/L
RT: 2.513 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025539.D
Acq: 14 Apr 2022 12:33

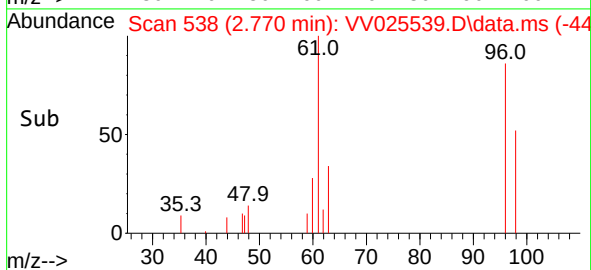
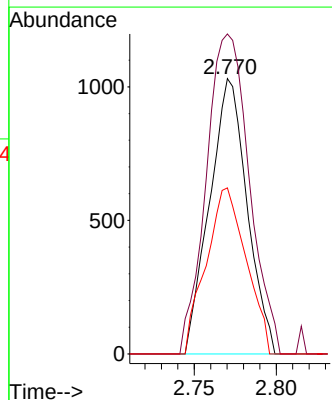
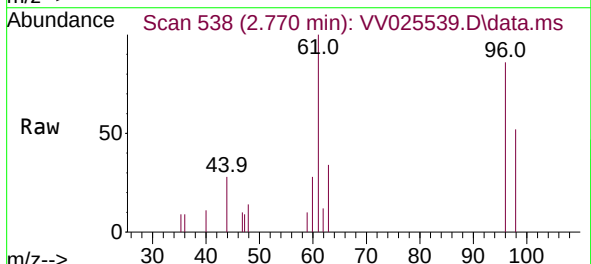
Instrument :
MSVOA_V
ClientSampleId :
GBDS3DL

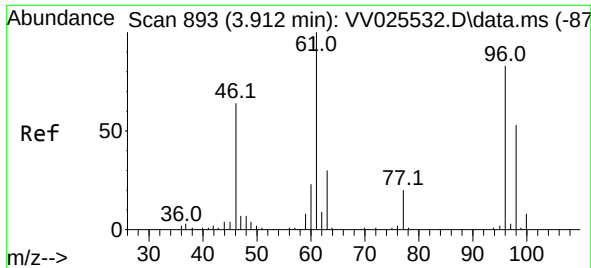
Tgt Ion: 84 Resp: 3234
Ion Ratio Lower Upper
84 100
86 64.3 45.9 85.3
49 107.3 76.6 142.3



#18
trans-1,2-Dichloroethene
Concen: 0.141 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.010 min
Lab File: VV025539.D
Acq: 14 Apr 2022 12:33

Tgt Ion: 96 Resp: 1638
Ion Ratio Lower Upper
96 100
61 116.2 92.1 171.1
98 60.3 47.5 88.1

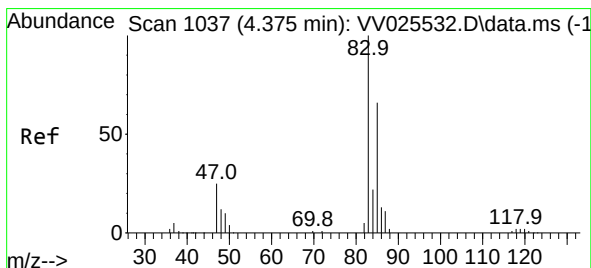
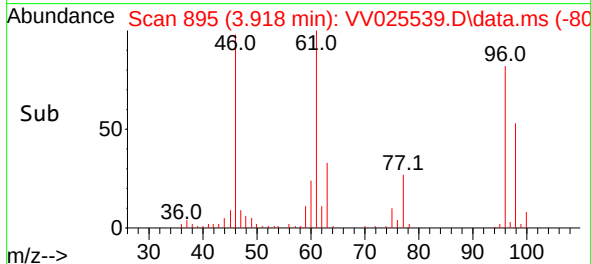
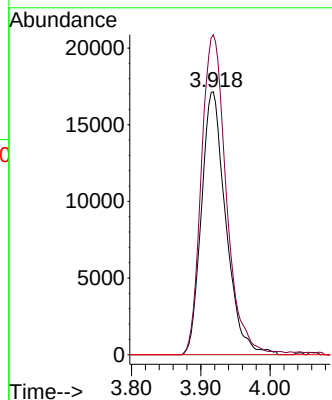
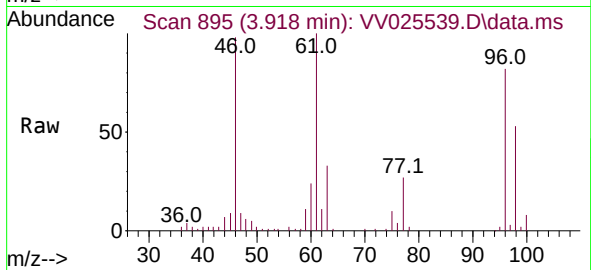




#22
 cis-1,2-Dichloroethene
 Concen: 3.422 ug/L
 RT: 3.918 min Scan# 89
 Delta R.T. 0.006 min
 Lab File: VV025539.D
 Acq: 14 Apr 2022 12:33

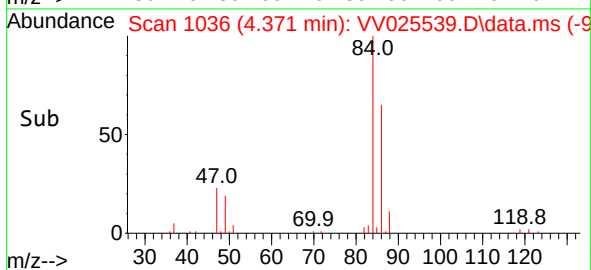
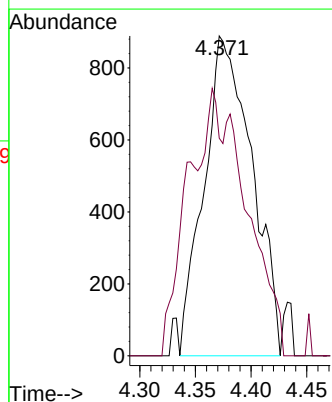
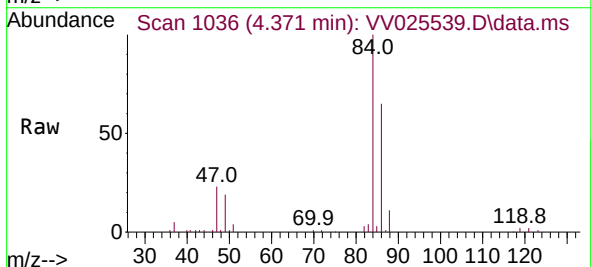
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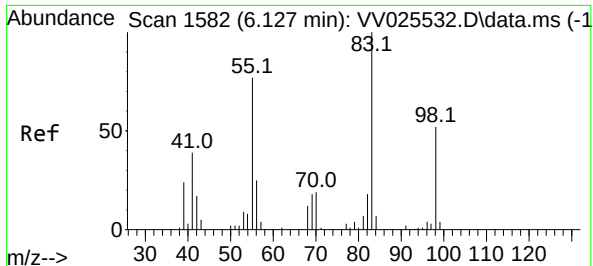
Tgt Ion: 96 Resp: 41959
 Ion Ratio Lower Upper
 96 100
 61 121.6 80.0 148.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.128 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VV025539.D
 Acq: 14 Apr 2022 12:33

Tgt Ion: 83 Resp: 2665
 Ion Ratio Lower Upper
 83 100
 85 68.1 43.5 80.7

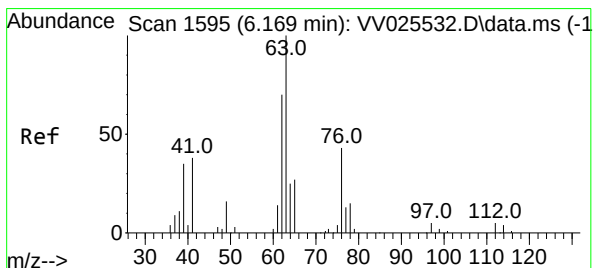
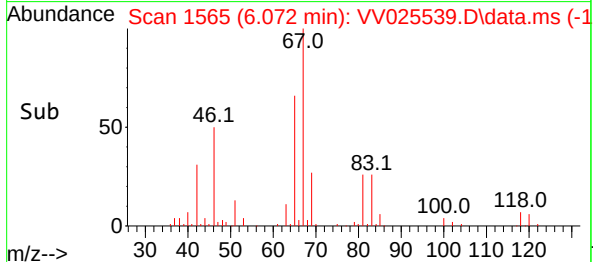
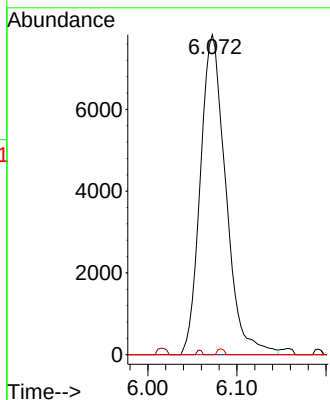
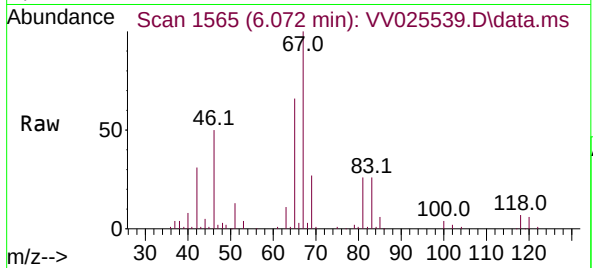




#35
Methylcyclohexane
Concen: 0.770 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025539.D
Acq: 14 Apr 2022 12:33

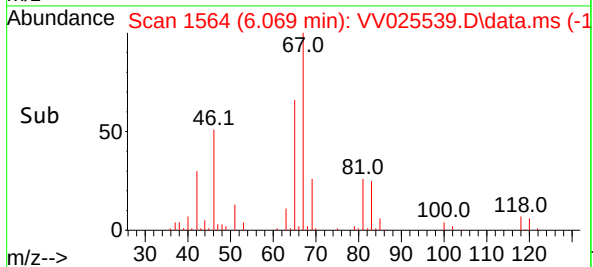
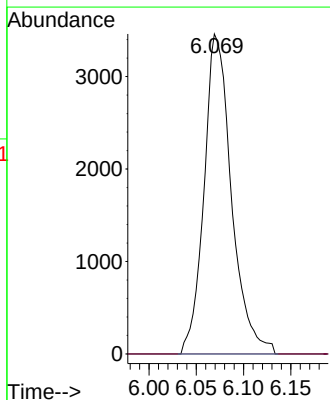
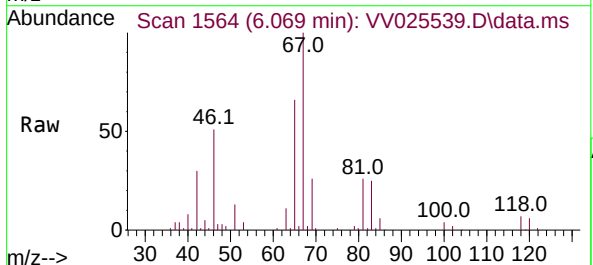
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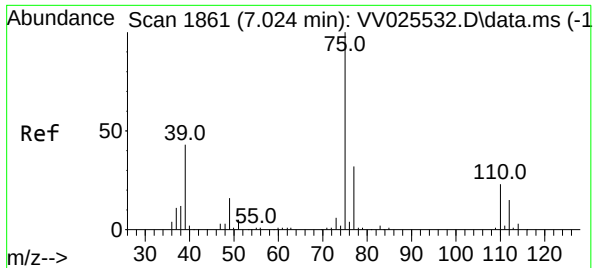
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	53.7	80.5#
98	0.5	39.6	59.4#



#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV025539.D
Acq: 14 Apr 2022 12:33

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV025539.D

Acq: 14 Apr 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

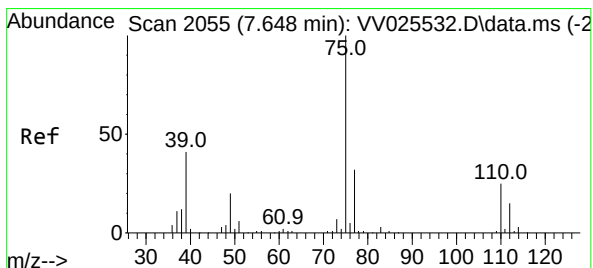
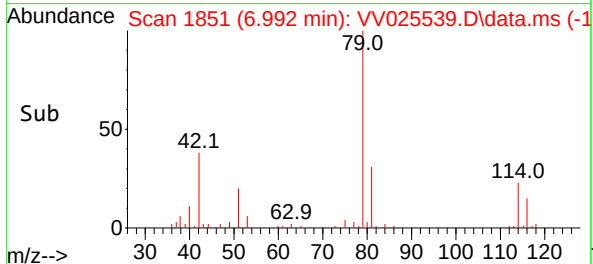
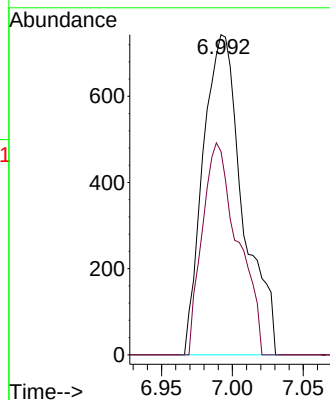
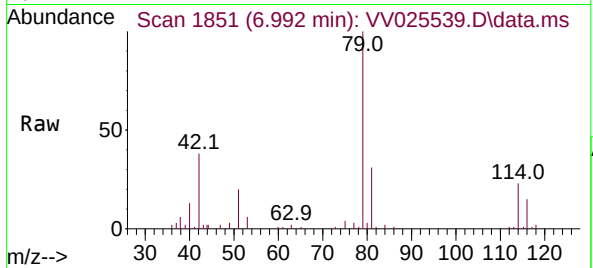
GBDS3DL

Tgt Ion: 75 Resp: 1446

Ion Ratio Lower Upper

75 100

77 63.5 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.023 min

Lab File: VV025539.D

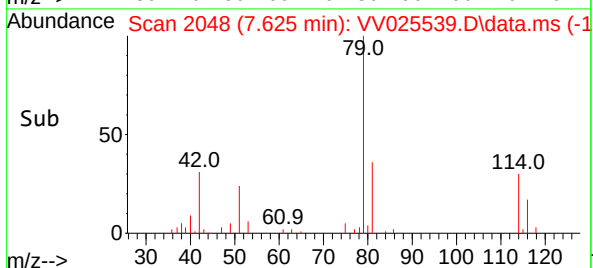
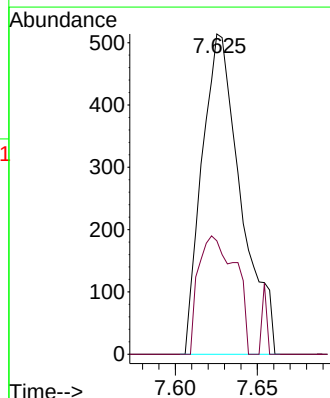
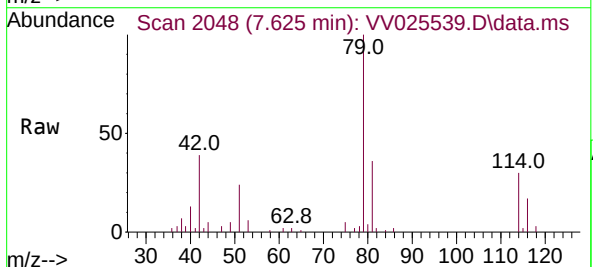
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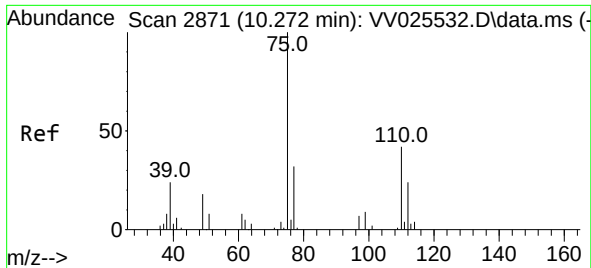
Tgt Ion: 75 Resp: 845

Ion Ratio Lower Upper

75 100

77 35.4 21.7 40.3





#61
 1,2,3-Trichloropropane
 Concen: 1.849 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV025539.D
 Acq: 14 Apr 2022 12:33

Instrument :
 MSVOA_V
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 GBDS3DL

Tgt Ion: 75 Resp: 9116
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.6 38.4
 110 1.0 34.7 52.1#

