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 Data File : VV028250.D
 Acq On : 01 Oct 2022 01:23
 Operator : SY/MD
 Sample : N4871-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

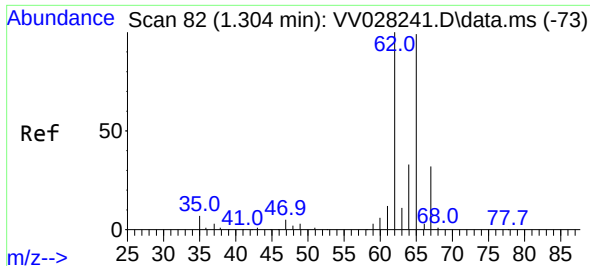
Instrument :
 MSVOA_V
 ClientSampleId :
 F5H66

Quant Time: Oct 01 02:19:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	182352	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	181706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79416	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	64760	3.426	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.561	69	56565	3.763	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.098	63	94768	2.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.800%#
20) 2-Butanone-d5	3.896	46	154147	48.297	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.600%
24) Chloroform-d	4.339	84	140244	4.649	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.027	65	63958	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.043	84	270390	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.063	67	78471	4.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.310	98	223033	4.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.622	79	24746	3.688	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.088	63	116954	41.765	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.540%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	62422	4.917	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.619	152	78171	5.018	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
5) Vinyl chloride	1.304	62	812	0.057	ug/L #	1
6) Bromomethane	1.520	94	477	0.052	ug/L	93
8) Chloroethane	1.378	64	445619	46.994	ug/L #	50
14) Carbon disulfide	2.285	76	3615	0.149	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	510	0.035	ug/L #	67
27) 1,2-Dichloroethane	5.127	62	44029	3.198	ug/L #	92
33) Benzene	5.098	78	2687	0.053	ug/L	100
35) Methylcyclohexane	6.063	83	21231	1.233	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8182	0.578	ug/L #	87
53) m,p-Xylene	9.146	106	1033	0.048	ug/L	97
60) Isopropylbenzene	10.918	105	1581	0.034	ug/L #	88
61) 1,2,3-Trichloropropane	11.243	75	7157	1.075	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.542	105	679	0.052	ug/L	88

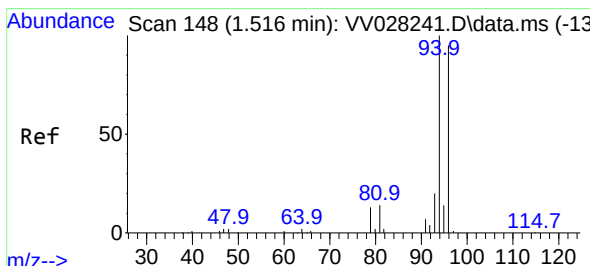
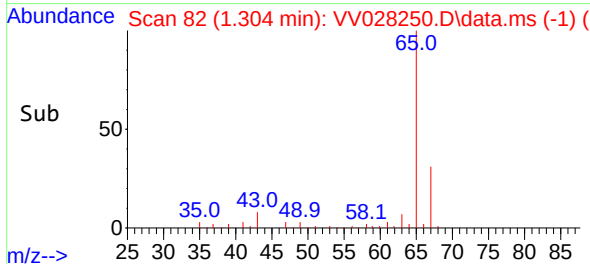
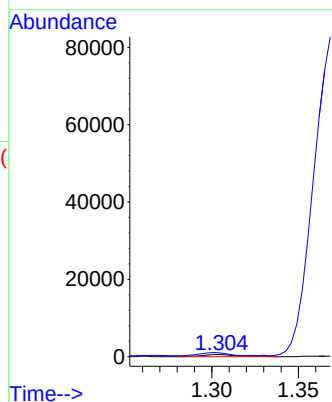
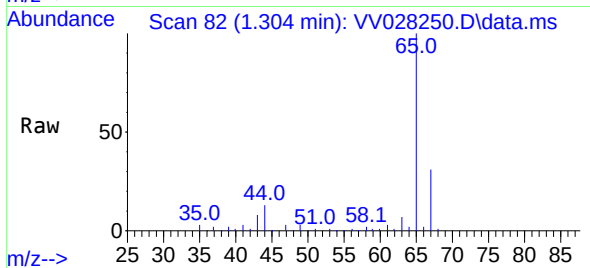
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 0.057 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028250.D
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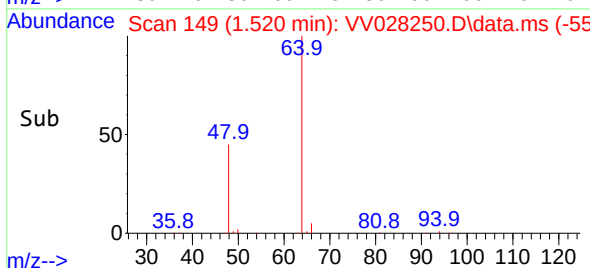
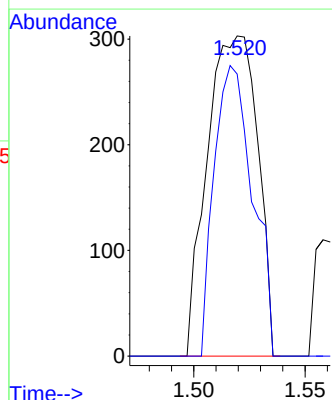
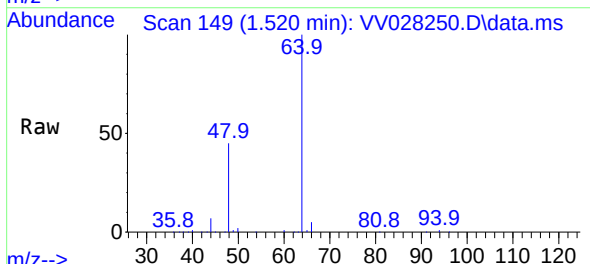
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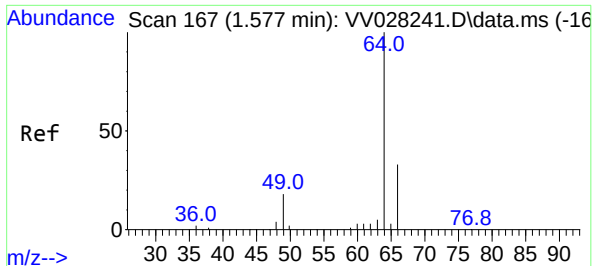
Tgt Ion: 62 Resp: 812
 Ion Ratio Lower Upper
 62 100
 64 178.0 23.0 42.8#



#6
 Bromomethane
 Concen: 0.052 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV028250.D
 Acq: 01 Oct 2022 01:23

Tgt Ion: 94 Resp: 477
 Ion Ratio Lower Upper
 94 100
 96 88.1 66.7 123.9

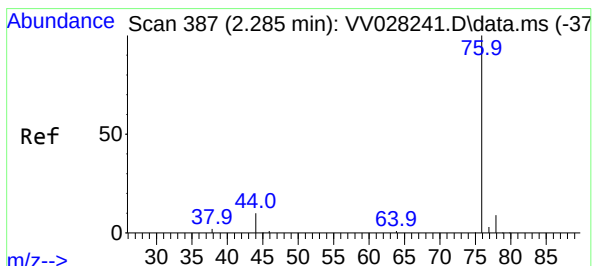
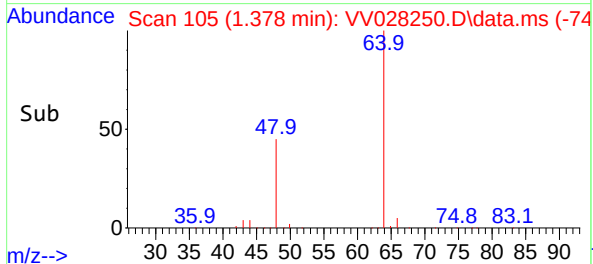
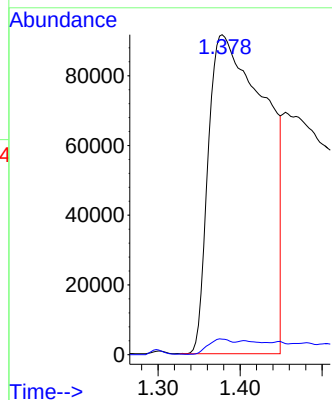
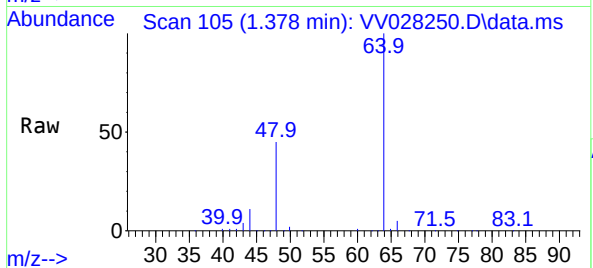




#8
Chloroethane
Concen: 46.994 ug/L
RT: 1.378 min Scan# 105
Delta R.T. -0.199 min
Lab File: VV028250.D
Acq: 01 Oct 2022 01:23

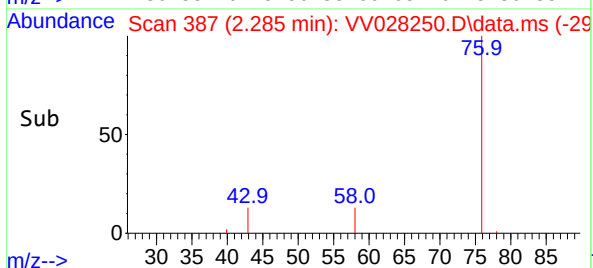
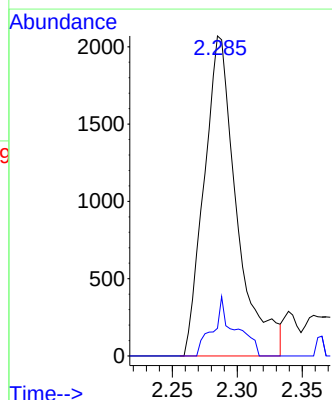
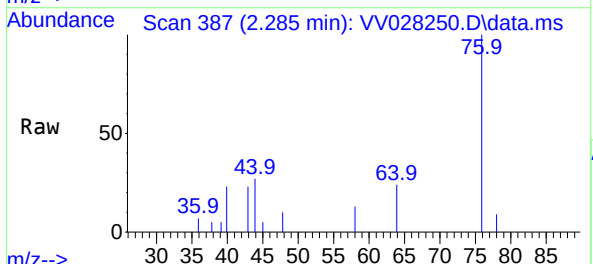
Instrument :
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ClientSampleId :
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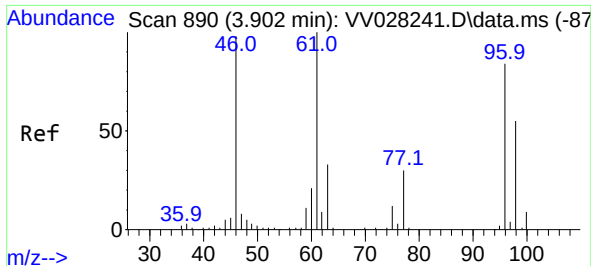
Tgt Ion: 64 Resp: 445619
Ion Ratio Lower Upper
64 100
66 4.9 23.0 42.8#



#14
Carbon disulfide
Concen: 0.149 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.000 min
Lab File: VV028250.D
Acq: 01 Oct 2022 01:23

Tgt Ion: 76 Resp: 3615
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4

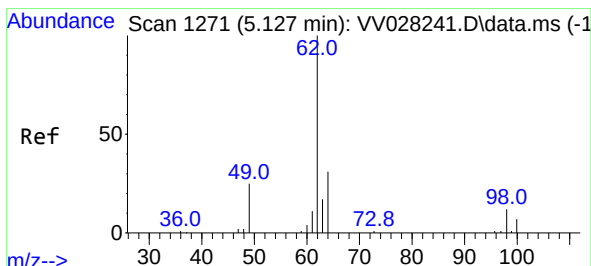
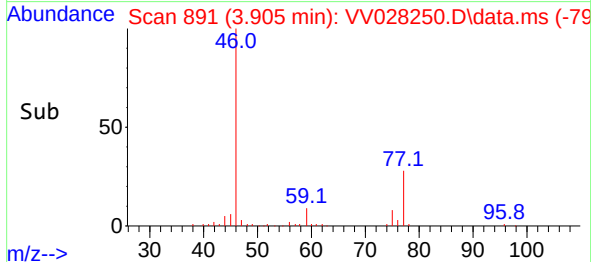
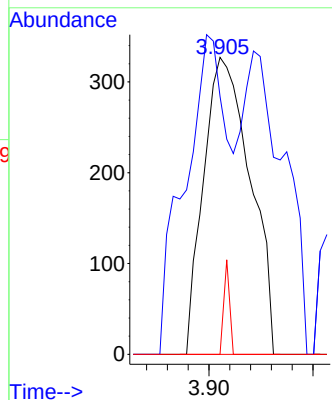
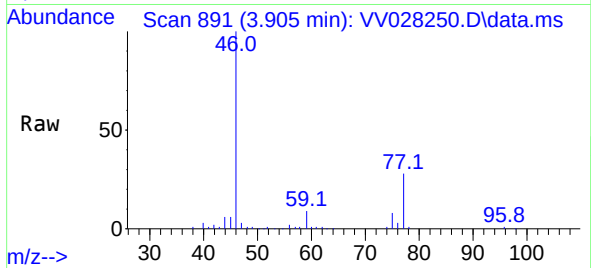




#22
 cis-1,2-Dichloroethene
 Concen: 0.035 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV028250.D
 Acq: 01 Oct 2022 01:23

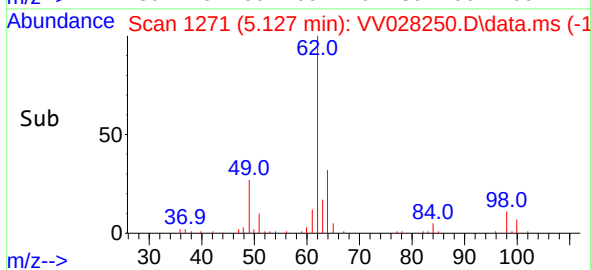
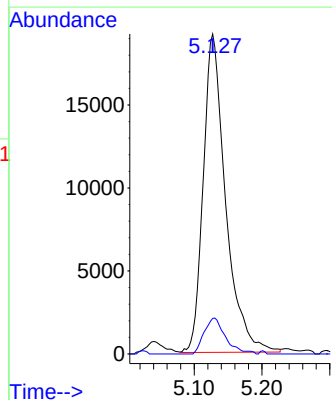
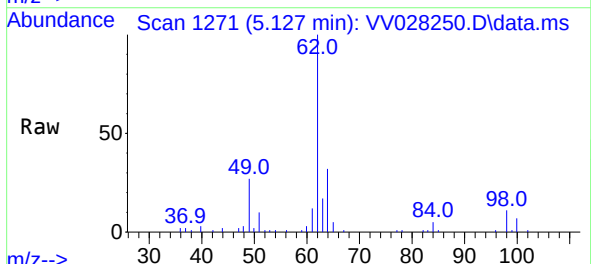
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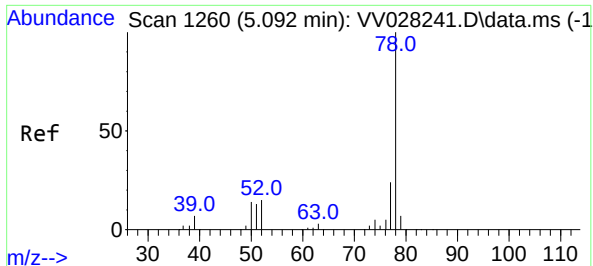
Tgt Ion: 96 Resp: 510
 Ion Ratio Lower Upper
 96 100
 61 86.9 87.2 161.9#
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 3.198 ug/L
 RT: 5.127 min Scan# 1271
 Delta R.T. 0.003 min
 Lab File: VV028250.D
 Acq: 01 Oct 2022 01:23

Tgt Ion: 62 Resp: 44029
 Ion Ratio Lower Upper
 62 100
 98 11.1 6.7 10.1#

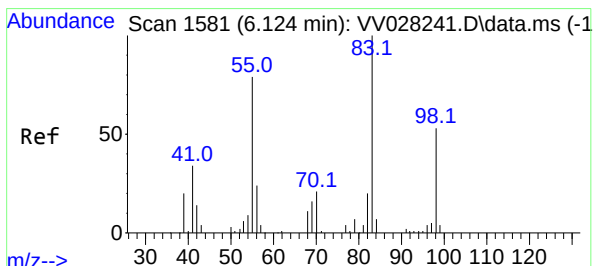
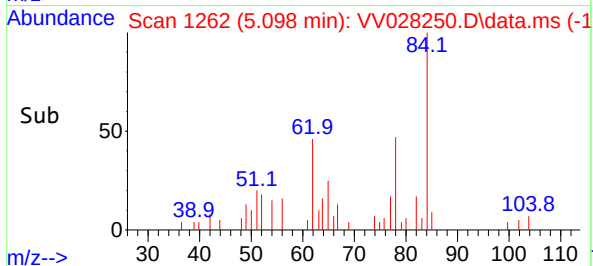
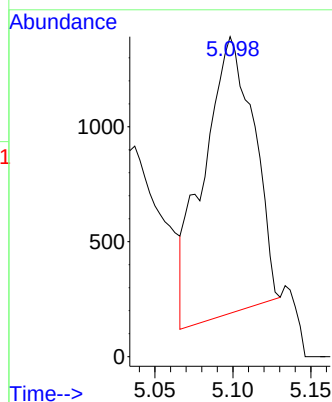
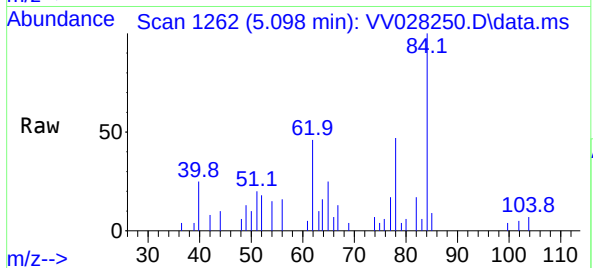




#33
Benzene
Concen: 0.053 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV028250.D
Acq: 01 Oct 2022 01:23

Instrument : MSVOA_V
ClientSampleId : F5H66

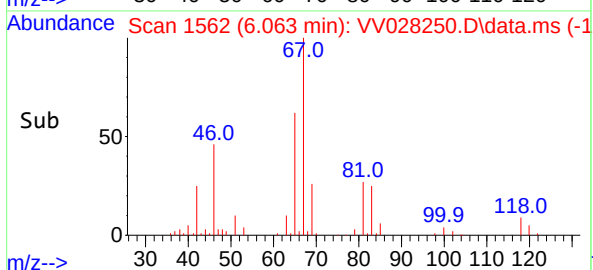
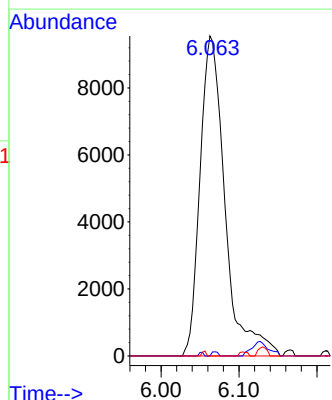
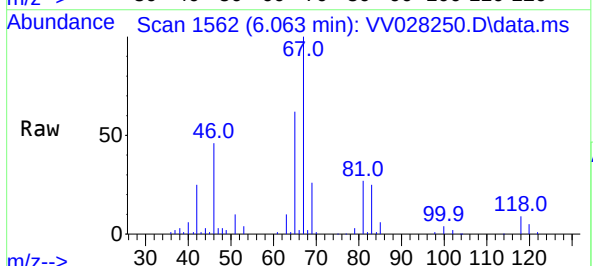
Tgt Ion: 78 Resp: 2687

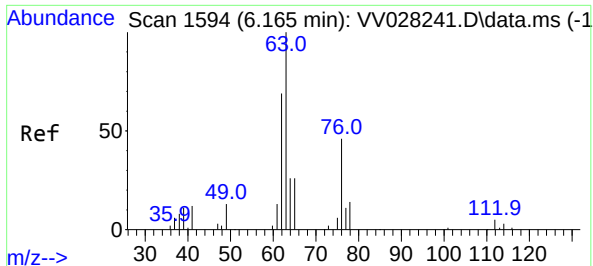


#35
Methylcyclohexane
Concen: 1.233 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV028250.D
Acq: 01 Oct 2022 01:23

Tgt Ion: 83 Resp: 21231

Ion	Ratio	Lower	Upper
83	100		
55	0.3	64.7	97.1#
98	0.4	39.5	59.3#

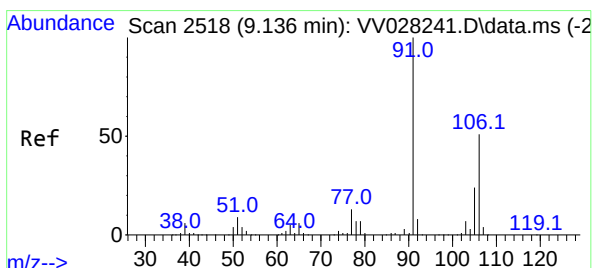
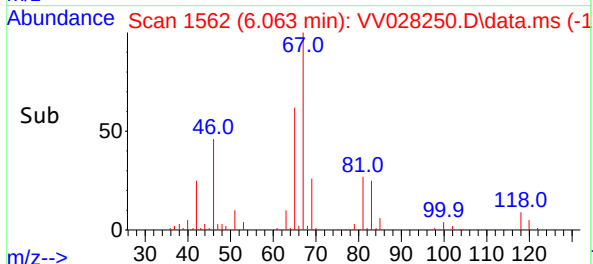
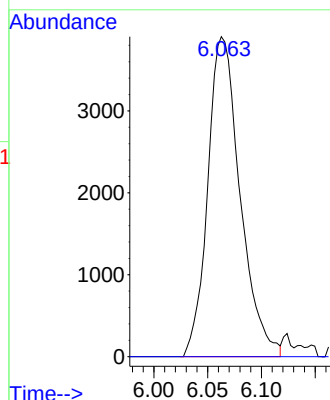
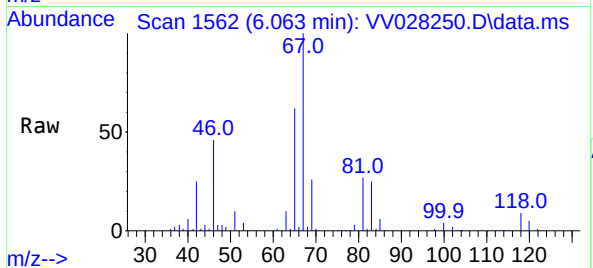




#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028250.D
Acq: 01 Oct 2022 01:23

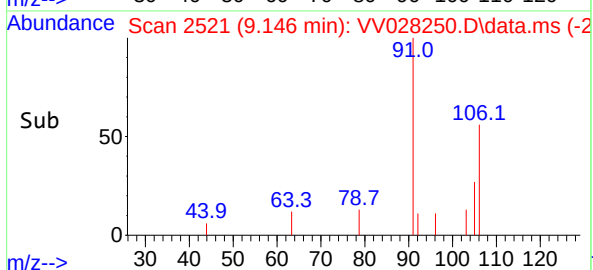
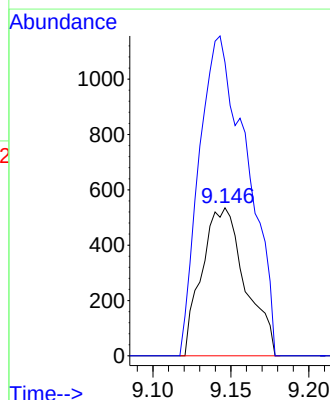
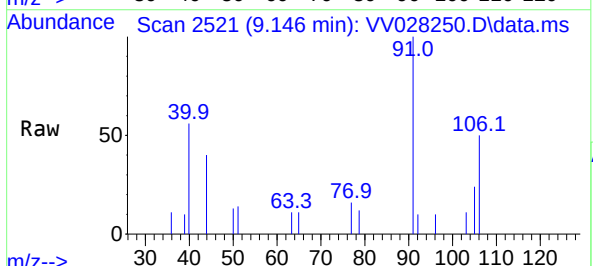
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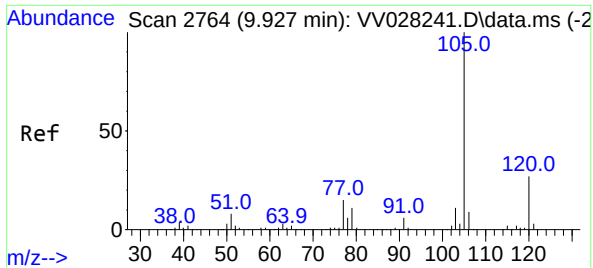
Tgt Ion: 63 Resp: 8182
Ion Ratio Lower Upper
63 100
112 0.3 3.5 5.3#



#53
m,p-Xylene
Concen: 0.048 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.013 min
Lab File: VV028250.D
Acq: 01 Oct 2022 01:23

Tgt Ion: 106 Resp: 1033
Ion Ratio Lower Upper
106 100
91 198.1 141.9 263.5

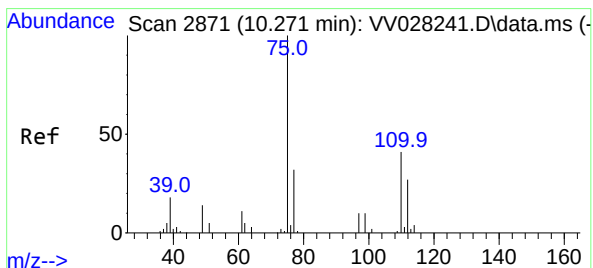
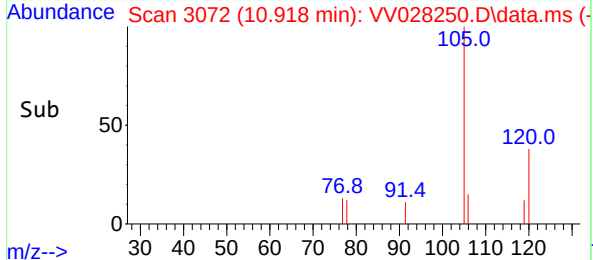
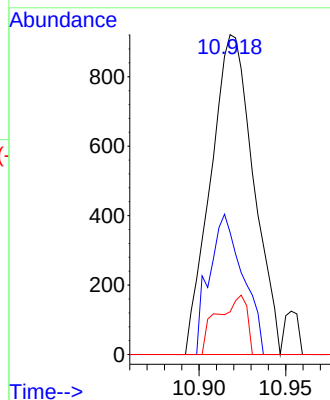
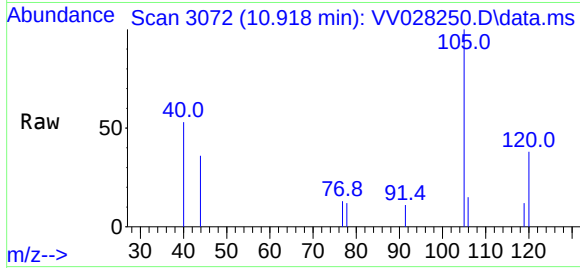




#60
Isopropylbenzene
Concen: 0.034 ug/L
RT: 10.918 min Scan# 30
Delta R.T. 0.990 min
Lab File: VV028250.D
Acq: 01 Oct 2022 01:23

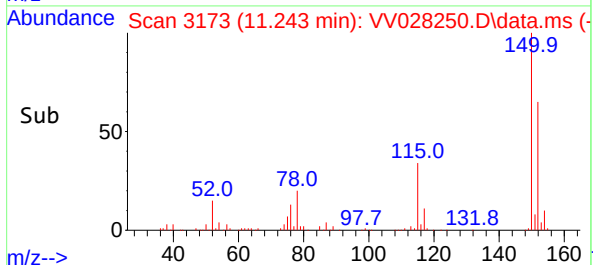
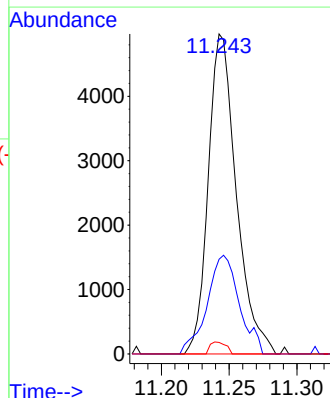
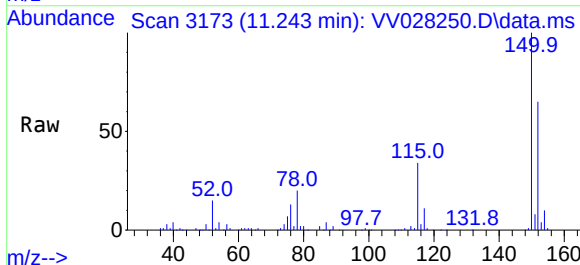
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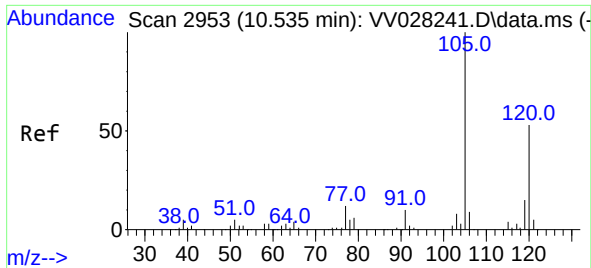
Tgt Ion:105 Resp: 1581
Ion Ratio Lower Upper
105 100
120 34.5 21.4 32.0#
77 12.7 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 1.075 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV028250.D
Acq: 01 Oct 2022 01:23

Tgt Ion: 75 Resp: 7157
Ion Ratio Lower Upper
75 100
77 35.4 26.7 40.1
110 2.1 30.1 45.1#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.052 ug/L
 RT: 10.542 min Scan# 2955
 Delta R.T. 0.006 min
 Lab File: VV028250.D
 Acq: 01 Oct 2022 01:23

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:105 Resp: 679
 Ion Ratio Lower Upper
 105 100
 120 42.6 40.6 61.0

