

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028259.D
 Acq On : 01 Oct 2022 05:08
 Operator : SY/MD
 Sample : N4856-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H42

Quant Time: Oct 01 05:43:24 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)

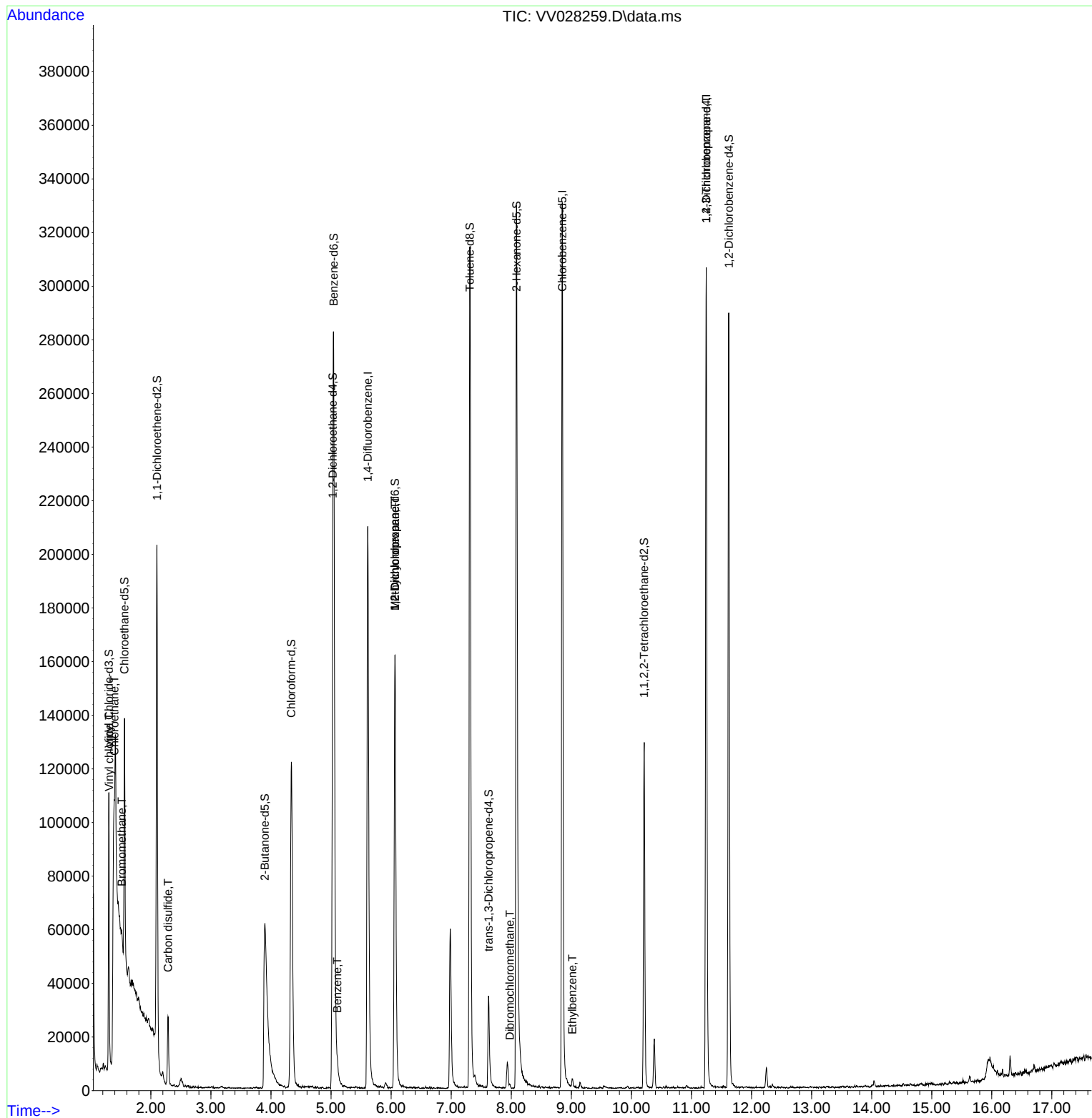
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	195348	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	195789	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89289	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	63968	3.159	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.200%	
7) Chloroethane-d5	1.561	69	58958	3.662	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.200%	
11) 1,1-Dichloroethene-d2	2.101	63	93687	2.667	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	53.400%#	
20) 2-Butanone-d5	3.896	46	138597	40.536	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	81.080%	
24) Chloroform-d	4.339	84	132751	4.108	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
26) 1,2-Dichloroethane-d4	5.027	65	63508	4.130	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.600%	
32) Benzene-d6	5.043	84	267929	4.174	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.400%	
36) 1,2-Dichloropropane-d6	6.063	67	82033	4.099	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.000%	
41) Toluene-d8	7.310	98	225103	3.874	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.400%	
43) trans-1,3-Dichloroprop...	7.622	79	22883	3.165	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	63.400%	
46) 2-Hexanone-d5	8.088	63	124954	41.413	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.820%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	62565	4.573	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	82964	4.737	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	610	0.040	ug/L #	1
6) Bromomethane	1.516	94	413	0.042	ug/L	91
8) Chloroethane	1.391	64	276033	27.173	ug/L #	51
14) Carbon disulfide	2.285	76	29008	1.120	ug/L	98
33) Benzene	5.104	78	6666	0.123	ug/L	100
35) Methylcyclohexane	6.066	83	20630	1.112	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	9459	0.621	ug/L #	89
49) Dibromochloromethane	7.979	129	299	0.024	ug/L #	11
52) Ethylbenzene	9.018	91	2531	0.042	ug/L	94
61) 1,2,3-Trichloropropane	11.246	75	8397	1.121	ug/L #	67

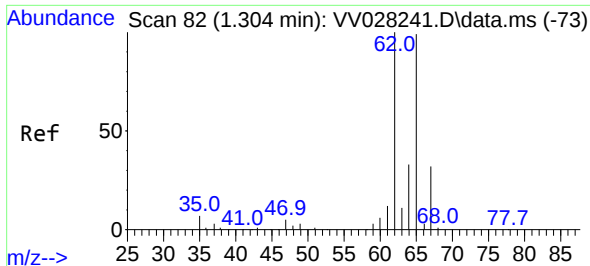
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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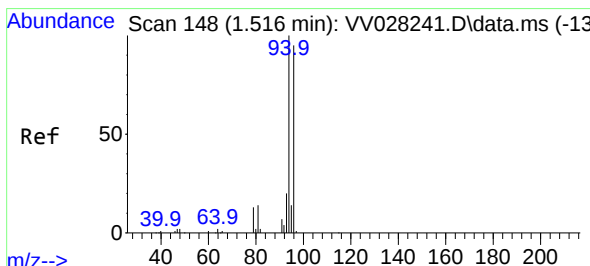
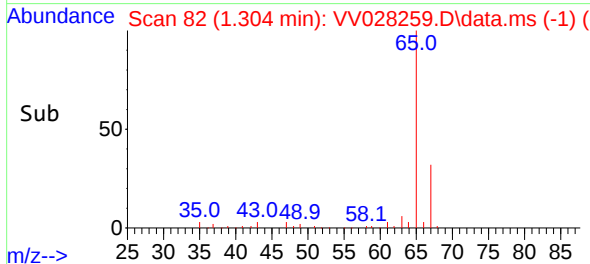
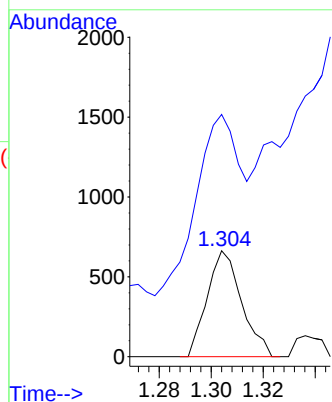
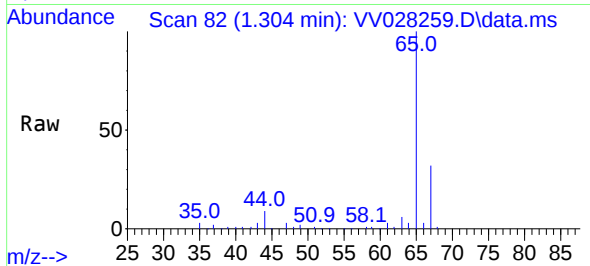




#5
 Vinyl chloride
 Concen: 0.040 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028259.D
 Acq: 01 Oct 2022 05:08

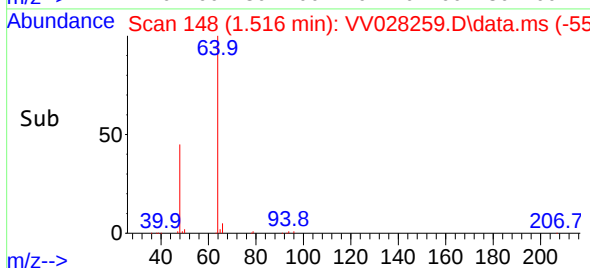
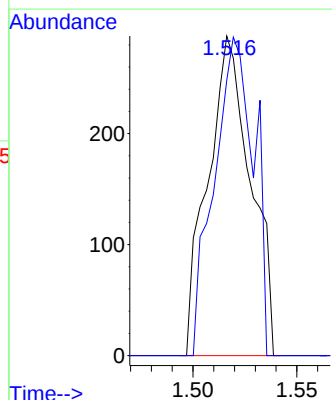
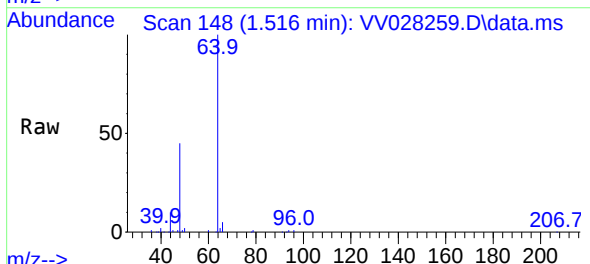
Instrument :
 MSVOA_V
 ClientSampleId :
 F5H42

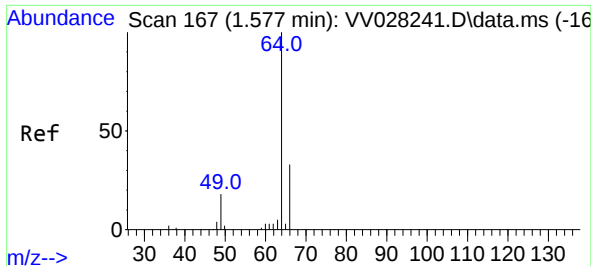
Tgt Ion: 62 Resp: 610
 Ion Ratio Lower Upper
 62 100
 64 228.8 23.0 42.8#



#6
 Bromomethane
 Concen: 0.042 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028259.D
 Acq: 01 Oct 2022 05:08

Tgt Ion: 94 Resp: 413
 Ion Ratio Lower Upper
 94 100
 96 86.1 66.7 123.9

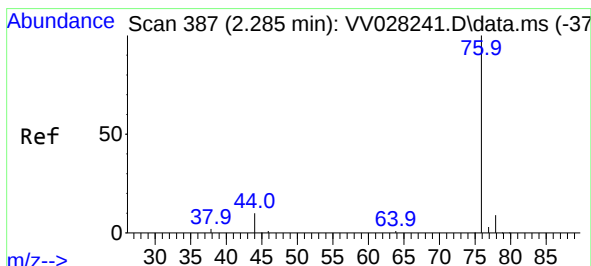
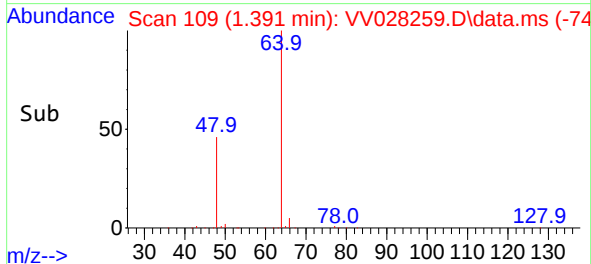
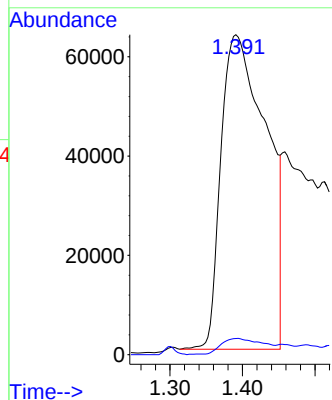
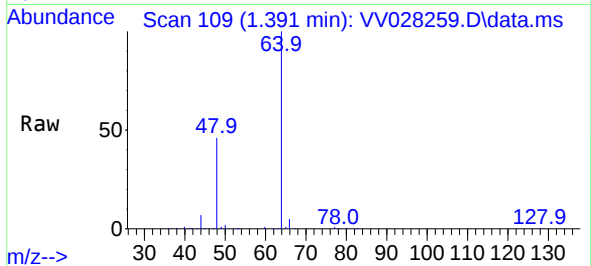




#8
Chloroethane
Concen: 27.173 ug/L
RT: 1.391 min Scan# 10
Delta R.T. -0.187 min
Lab File: VV028259.D
Acq: 01 Oct 2022 05:08

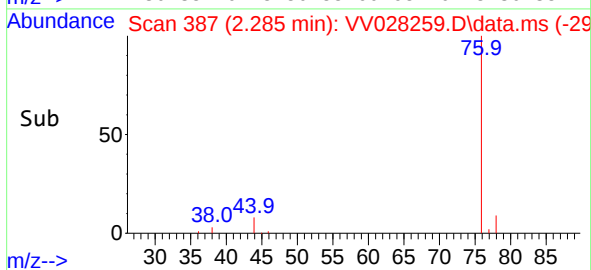
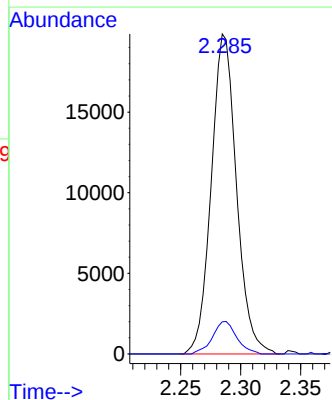
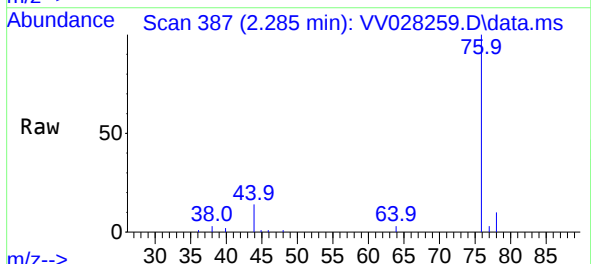
Instrument :
MSVOA_V
ClientSampleId :
F5H42

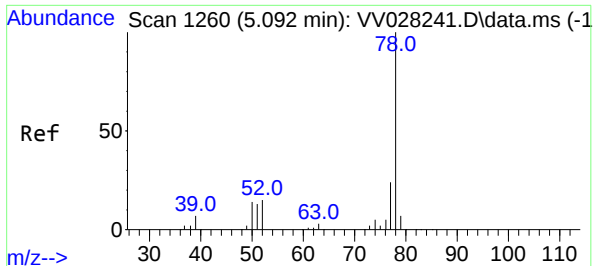
Tgt Ion: 64 Resp: 276033
Ion Ratio Lower Upper
64 100
66 5.1 23.0 42.8#



#14
Carbon disulfide
Concen: 1.120 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.000 min
Lab File: VV028259.D
Acq: 01 Oct 2022 05:08

Tgt Ion: 76 Resp: 29008
Ion Ratio Lower Upper
76 100
78 10.1 7.6 11.4

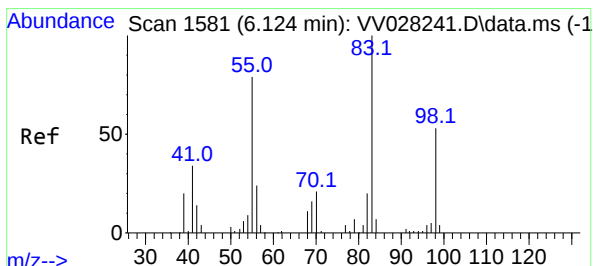
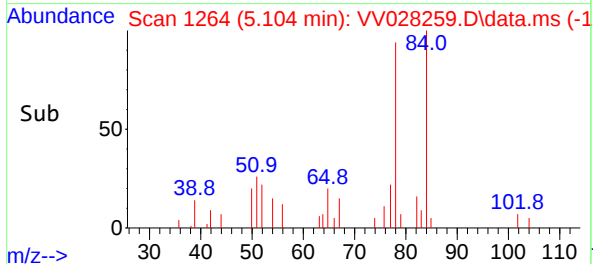
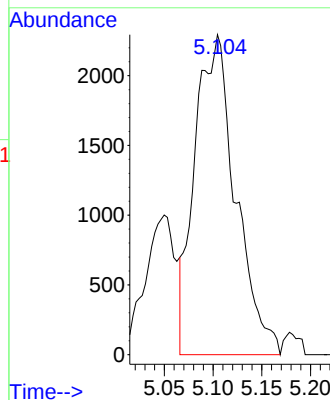
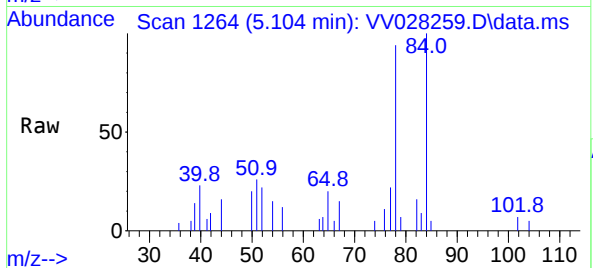




#33
Benzene
Concen: 0.123 ug/L
RT: 5.104 min Scan# 1563
Delta R.T. 0.016 min
Lab File: VV028259.D
Acq: 01 Oct 2022 05:08

Instrument : MSVOA_V
ClientSampleId : F5H42

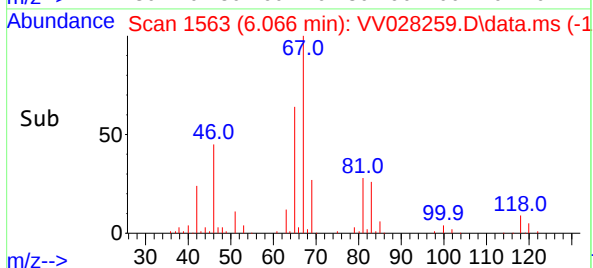
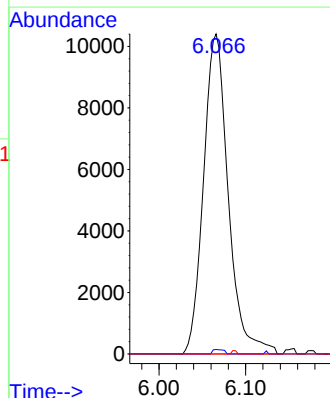
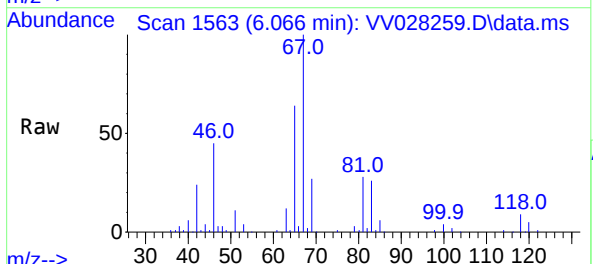
Tgt Ion: 78 Resp: 6666

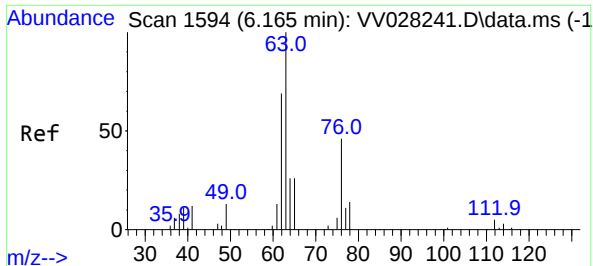


#35
Methylcyclohexane
Concen: 1.112 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.055 min
Lab File: VV028259.D
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Tgt Ion: 83 Resp: 20630

Ion	Ratio	Lower	Upper
83	100		
55	0.6	64.7	97.1#
98	0.2	39.5	59.3#

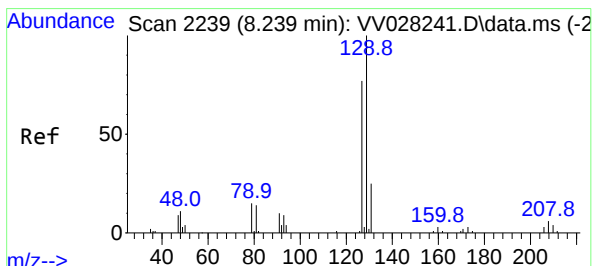
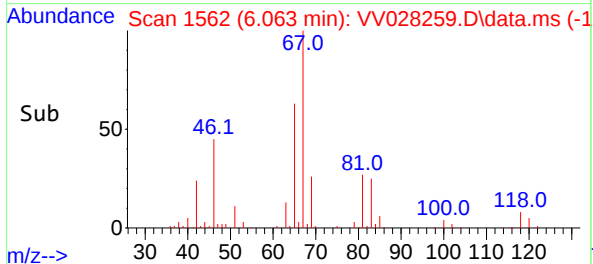
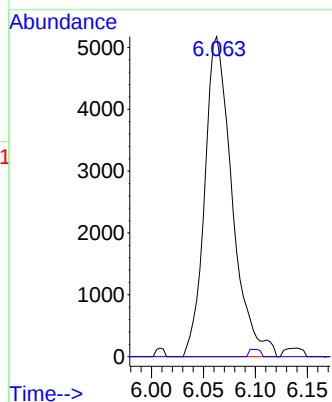
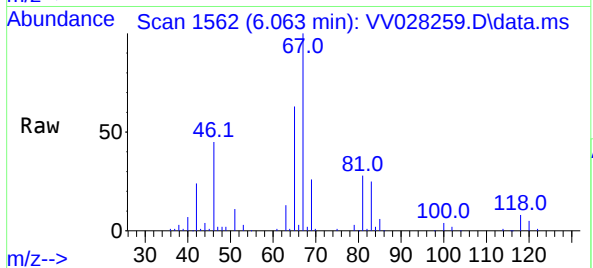




#37
1,2-Dichloropropane
Concen: 0.621 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028259.D
Acq: 01 Oct 2022 05:08

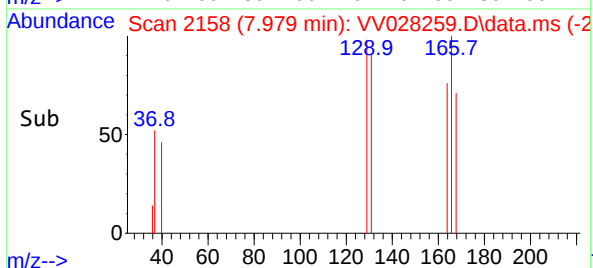
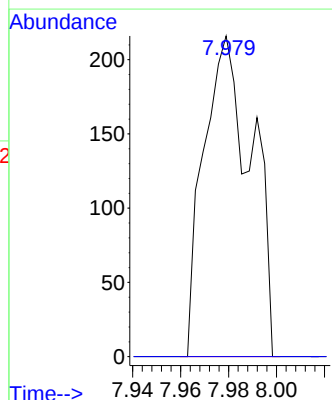
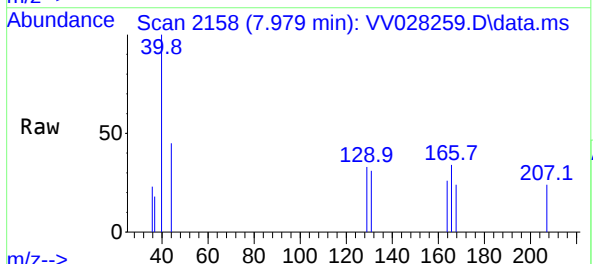
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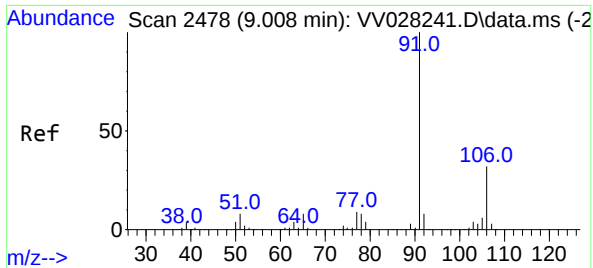
Tgt Ion: 63 Resp: 9459
Ion Ratio Lower Upper
63 100
112 0.9 3.5 5.3#



#49
Dibromochloromethane
Concen: 0.024 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.260 min
Lab File: VV028259.D
Acq: 01 Oct 2022 05:08

Tgt Ion: 129 Resp: 299
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.9#

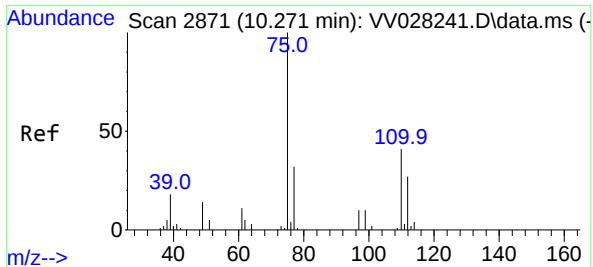
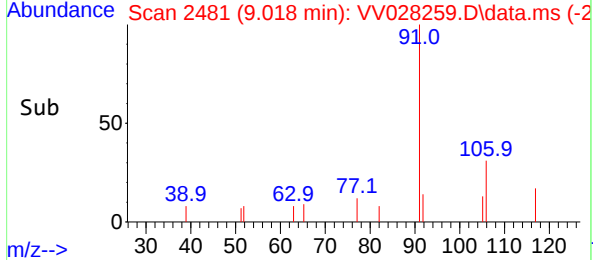
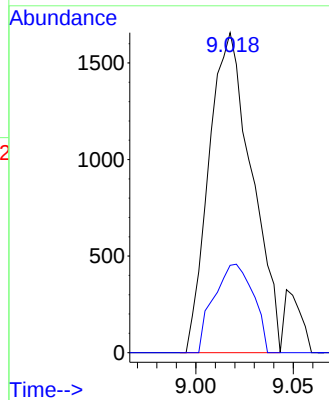
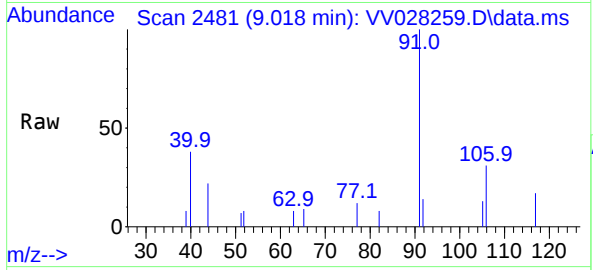




#52
Ethylbenzene
Concen: 0.042 ug/L
RT: 9.018 min Scan# 2478
Delta R.T. 0.010 min
Lab File: VV028259.D
Acq: 01 Oct 2022 05:08

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 91 Resp: 2531
Ion Ratio Lower Upper
91 100
106 27.3 21.5 39.9



#61
1,2,3-Trichloropropane
Concen: 1.121 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV028259.D
Acq: 01 Oct 2022 05:08

Tgt Ion: 75 Resp: 8397
Ion Ratio Lower Upper
75 100
77 34.4 26.7 40.1
110 1.5 30.1 45.1#

