

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100522\  
 Data File : VV028366.D  
 Acq On : 05 Oct 2022 14:19  
 Operator : SY/MD  
 Sample : N4899-05  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_V  
**ClientSampleId :**  
 F5H13

Quant Time: Oct 06 02:32:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Oct 04 02:28:45 2022  
 Response via : Initial Calibration

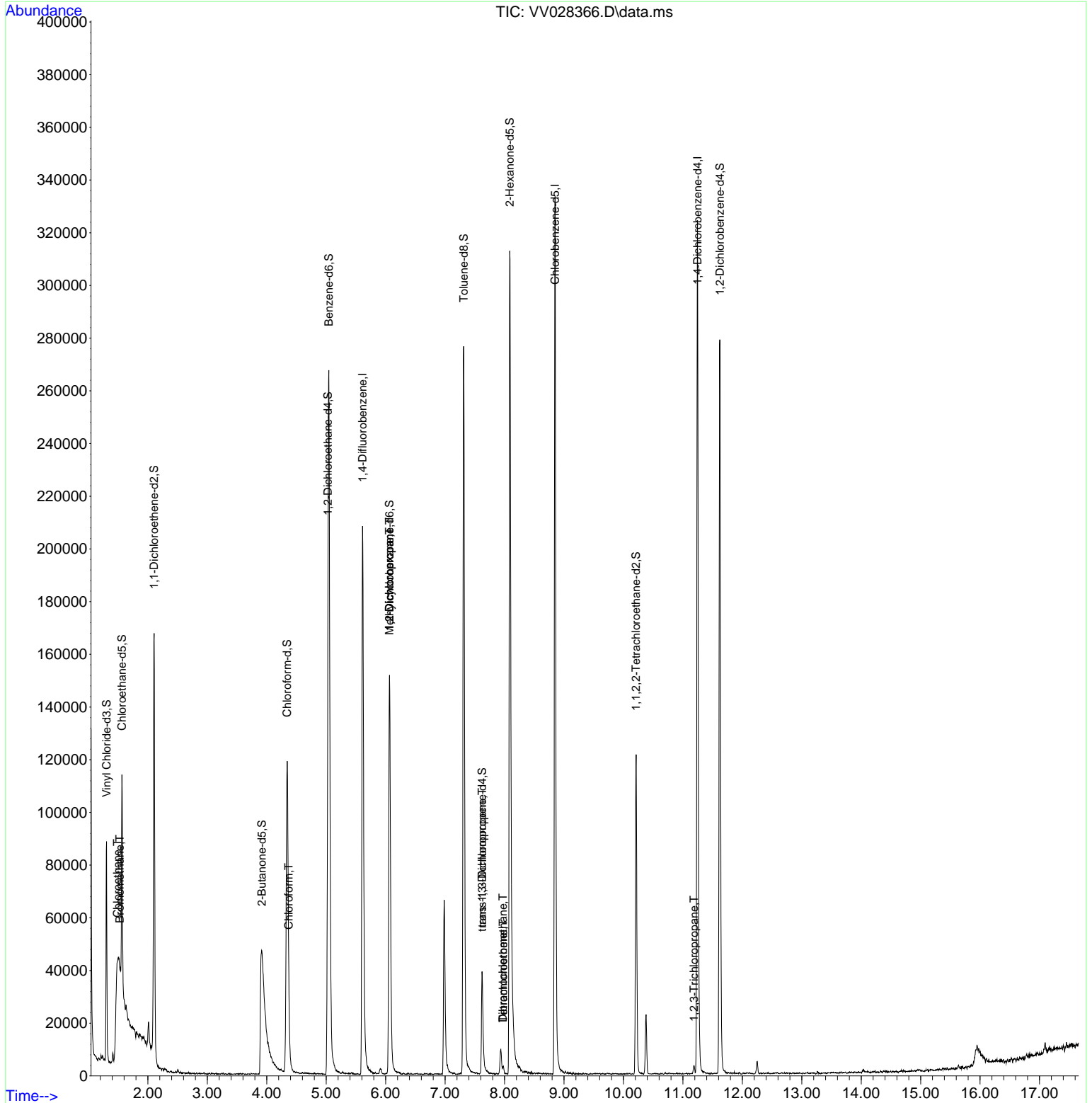
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Difluorobenzene	5.613	114	192890	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	193023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	91271	5.000	ug/L	0.00
<b>System Monitoring Compounds</b>						
4) Vinyl Chloride-d3	1.304	65	53041	3.660	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.200%	
7) Chloroethane-d5	1.564	69	53086	4.327	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.600%	
11) 1,1-Dichloroethene-d2	2.105	63	81318	2.977	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.600%#	
20) 2-Butanone-d5	3.915	46	153040	62.408	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	124.820%	
24) Chloroform-d	4.342	84	130335	4.964	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
26) 1,2-Dichloroethane-d4	5.031	65	61854	5.081	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
32) Benzene-d6	5.043	84	247569	4.676	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
36) 1,2-Dichloropropane-d6	6.066	67	78587	5.174	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.400%	
41) Toluene-d8	7.313	98	198416	4.074	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.400%	
43) trans-1,3-Dichloroprop...	7.622	79	25880	4.473	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.400%	
46) 2-Hexanone-d5	8.088	63	126665	53.493	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.980%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61676	5.357	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	77809	4.954	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.000%	
<b>Target Compounds</b>						
6) Bromomethane	1.526	94	442	0.056	ug/L #	2
8) Chloroethane	1.487	64	53806	4.876	ug/L #	50
25) Chloroform	4.371	83	4244	0.158	ug/L	95
35) Methylcyclohexane	6.063	83	19444	0.828	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	8546	0.642	ug/L #	87
44) trans-1,3-Dichloropropene	7.625	75	1208	0.075	ug/L	89
47) Tetrachloroethene	7.979	164	608	0.048	ug/L	94
49) Dibromochloromethane	7.976	129	558	0.045	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	468	0.066	ug/L #	39

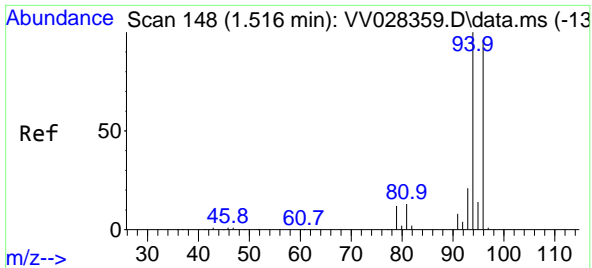
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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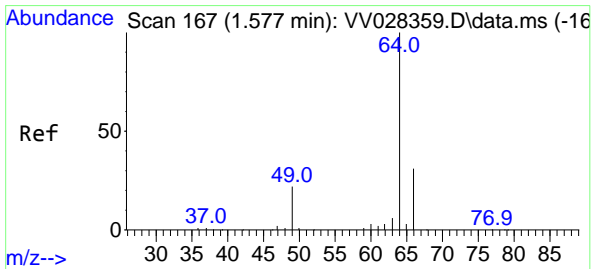
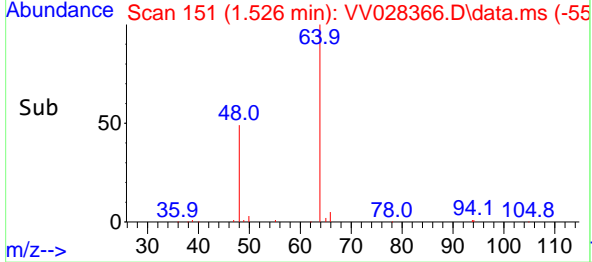
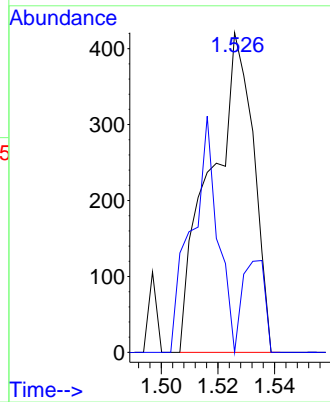
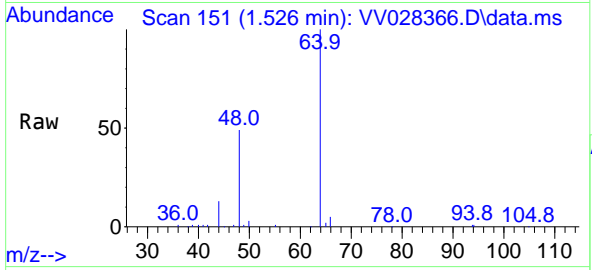




#6  
 Bromomethane  
 Concen: 0.056 ug/L  
 RT: 1.526 min Scan# 11  
 Delta R.T. 0.010 min  
 Lab File: VV028366.D  
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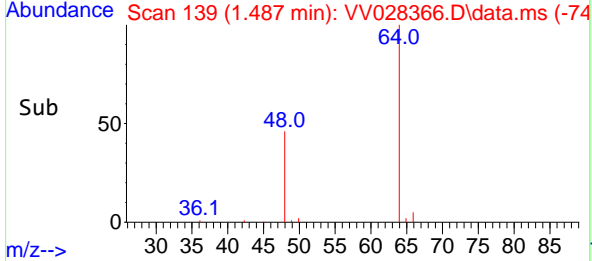
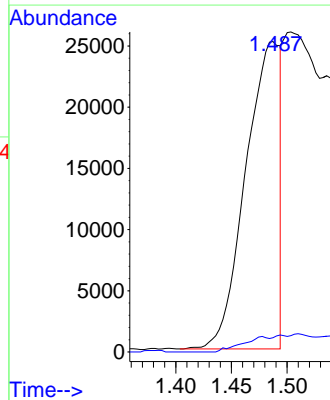
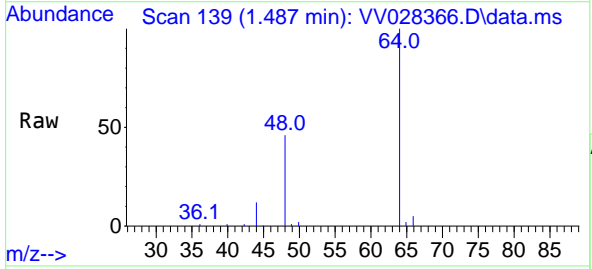
Instrument : MSVOA\_V  
 ClientSampleId : F5H13

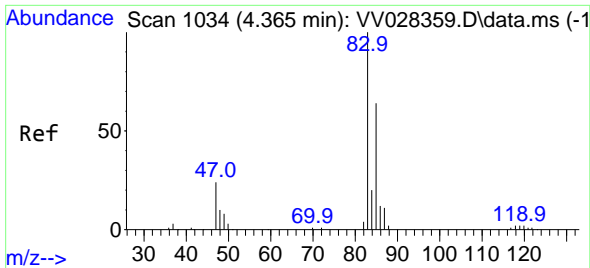
Tgt Ion: 94 Resp: 442  
 Ion Ratio Lower Upper  
 94 100  
 96 0.0 66.7 123.9#



#8  
 Chloroethane  
 Concen: 4.876 ug/L  
 RT: 1.487 min Scan# 139  
 Delta R.T. -0.090 min  
 Lab File: VV028366.D  
 Acq: 05 Oct 2022 14:19

Tgt Ion: 64 Resp: 53806  
 Ion Ratio Lower Upper  
 64 100  
 66 4.6 23.0 42.8#

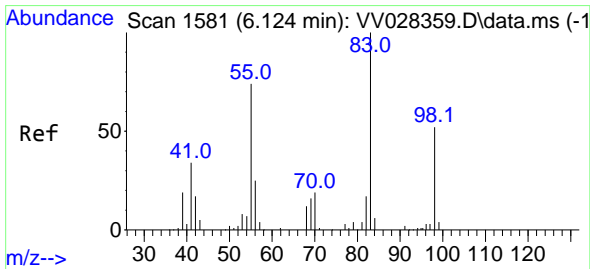
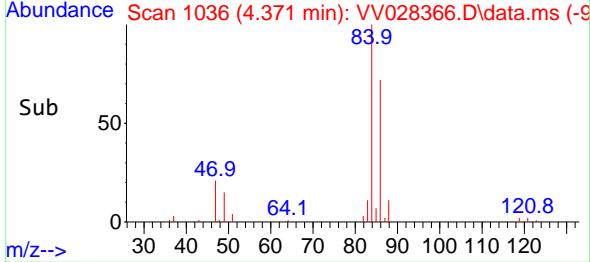
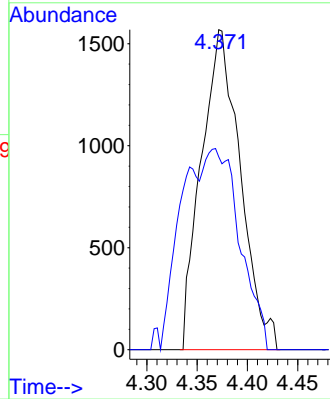
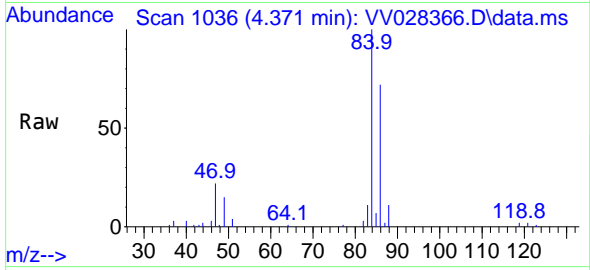




#25  
 Chloroform  
 Concen: 0.158 ug/L  
 RT: 4.371 min Scan# 10  
 Delta R.T. 0.003 min  
 Lab File: VV028366.D  
 Acq: 05 Oct 2022 14:19

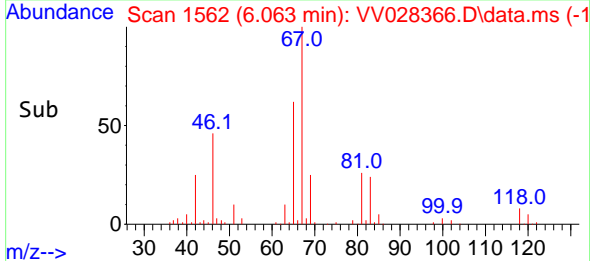
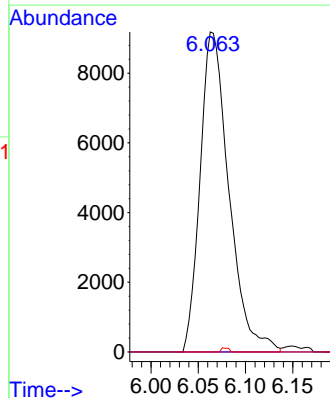
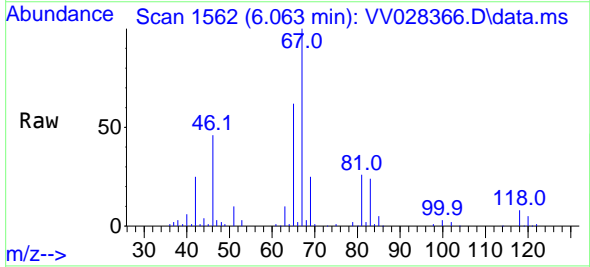
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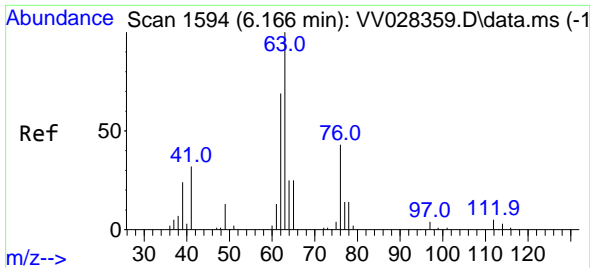
Tgt Ion: 83 Resp: 4244  
 Ion Ratio Lower Upper  
 83 100  
 85 60.2 45.1 83.7



#35  
 Methylcyclohexane  
 Concen: 0.828 ug/L  
 RT: 6.063 min Scan# 1562  
 Delta R.T. -0.061 min  
 Lab File: VV028366.D  
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Tgt Ion: 83 Resp: 19444  
 Ion Ratio Lower Upper  
 83 100  
 55 0.0 64.7 97.1#  
 98 0.3 39.5 59.3#

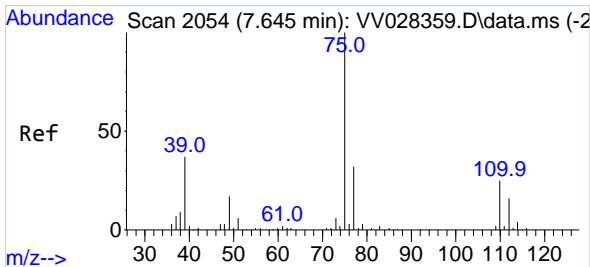
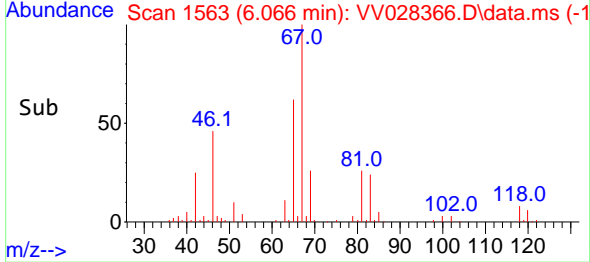
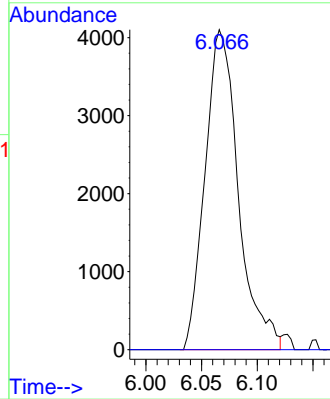
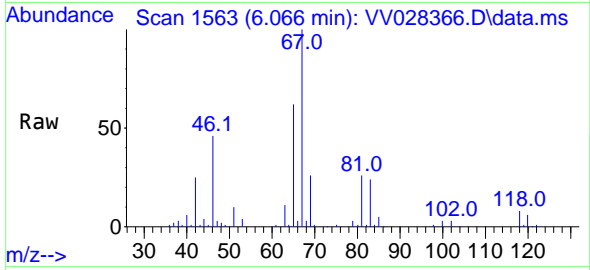




#37  
 1,2-Dichloropropane  
 Concen: 0.642 ug/L  
 RT: 6.066 min Scan# 111  
 Delta R.T. -0.103 min  
 Lab File: VV028366.D  
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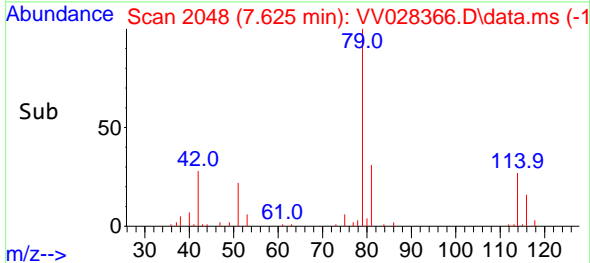
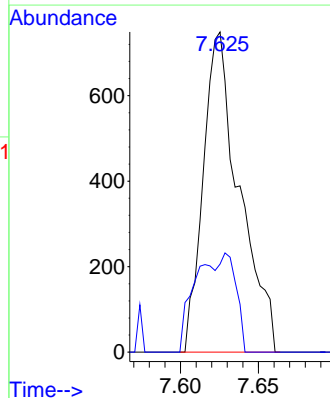
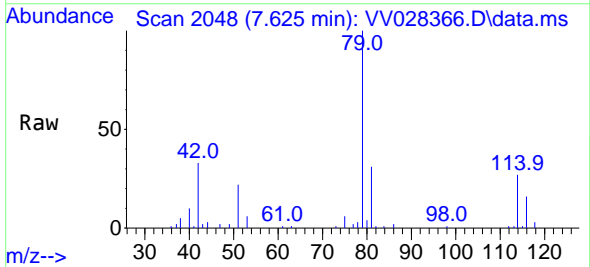
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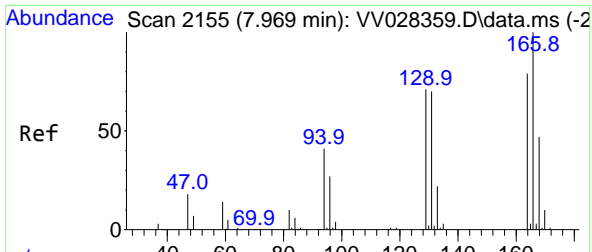
Tgt Ion: 63 Resp: 8546  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.5 5.3#



#44  
 trans-1,3-Dichloropropene  
 Concen: 0.075 ug/L  
 RT: 7.625 min Scan# 2048  
 Delta R.T. -0.022 min  
 Lab File: VV028366.D  
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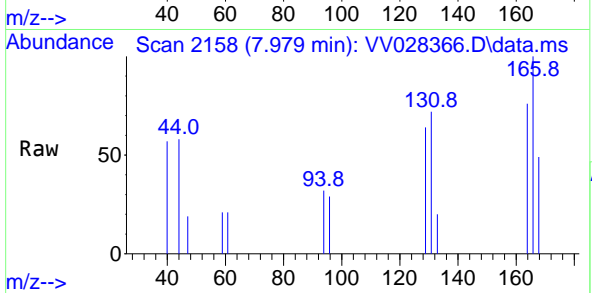
Tgt Ion: 75 Resp: 1208  
 Ion Ratio Lower Upper  
 75 100  
 77 27.5 23.9 44.3



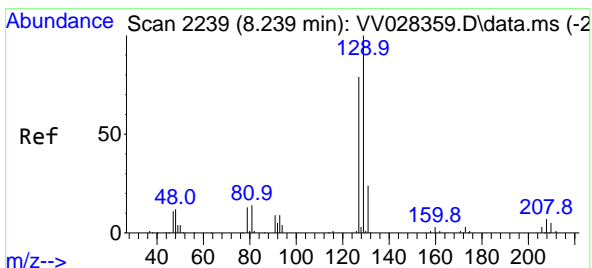
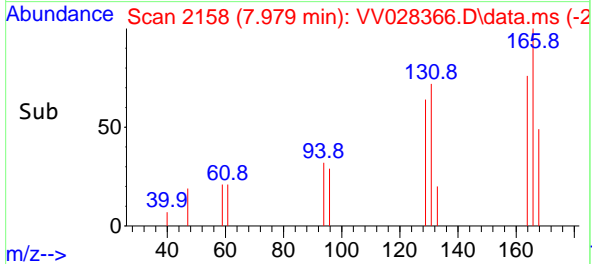
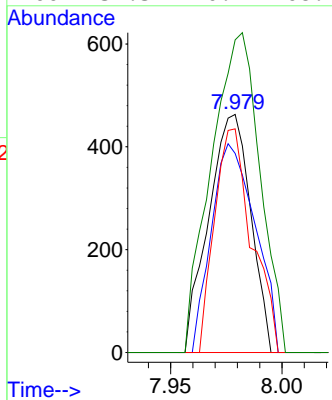


#47  
 Tetrachloroethene  
 Concen: 0.048 ug/L  
 RT: 7.979 min Scan# 2157  
 Delta R.T. 0.010 min  
 Lab File: VV028366.D  
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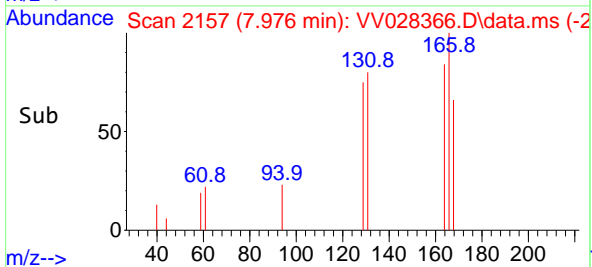
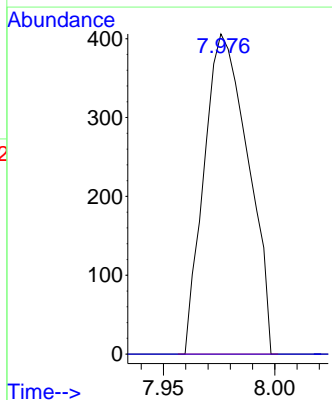
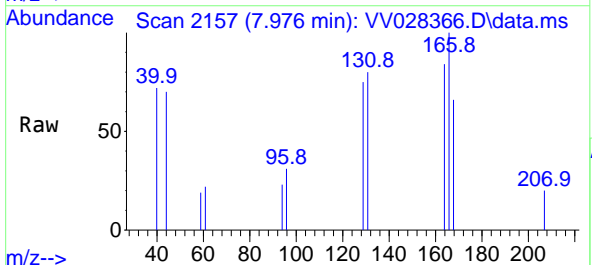


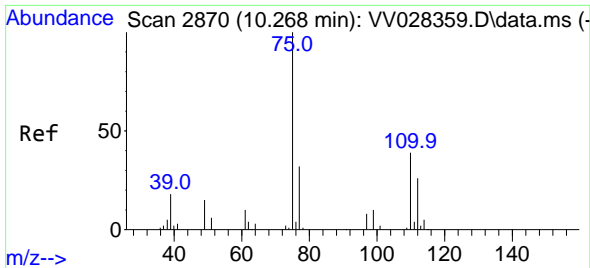
Tgt Ion:164 Resp: 608  
 Ion Ratio Lower Upper  
 164 100  
 129 83.6 66.7 123.9  
 131 94.0 61.7 114.5  
 166 131.3 90.9 168.9



#49  
 Dibromochloromethane  
 Concen: 0.045 ug/L  
 RT: 7.976 min Scan# 2157  
 Delta R.T. -0.267 min  
 Lab File: VV028366.D  
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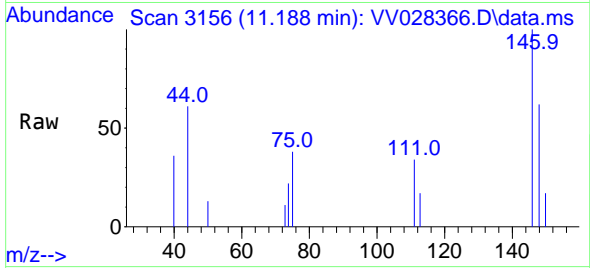
Tgt Ion:129 Resp: 558  
 Ion Ratio Lower Upper  
 129 100  
 127 0.0 54.3 100.9#





#61  
 1,2,3-Trichloropropane  
 Concen: 0.066 ug/L  
 RT: 11.188 min Scan# 31  
 Delta R.T. 0.917 min  
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Tgt Ion: 75 Resp: 468

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.7	40.1#
110	0.0	30.1	45.1#

