

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028194.D
 Acq On : 29 Sep 2022 18:28
 Operator : SY/MD
 Sample : N4820-12DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB8P1DL

Quant Time: Sep 30 01:49:34 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)

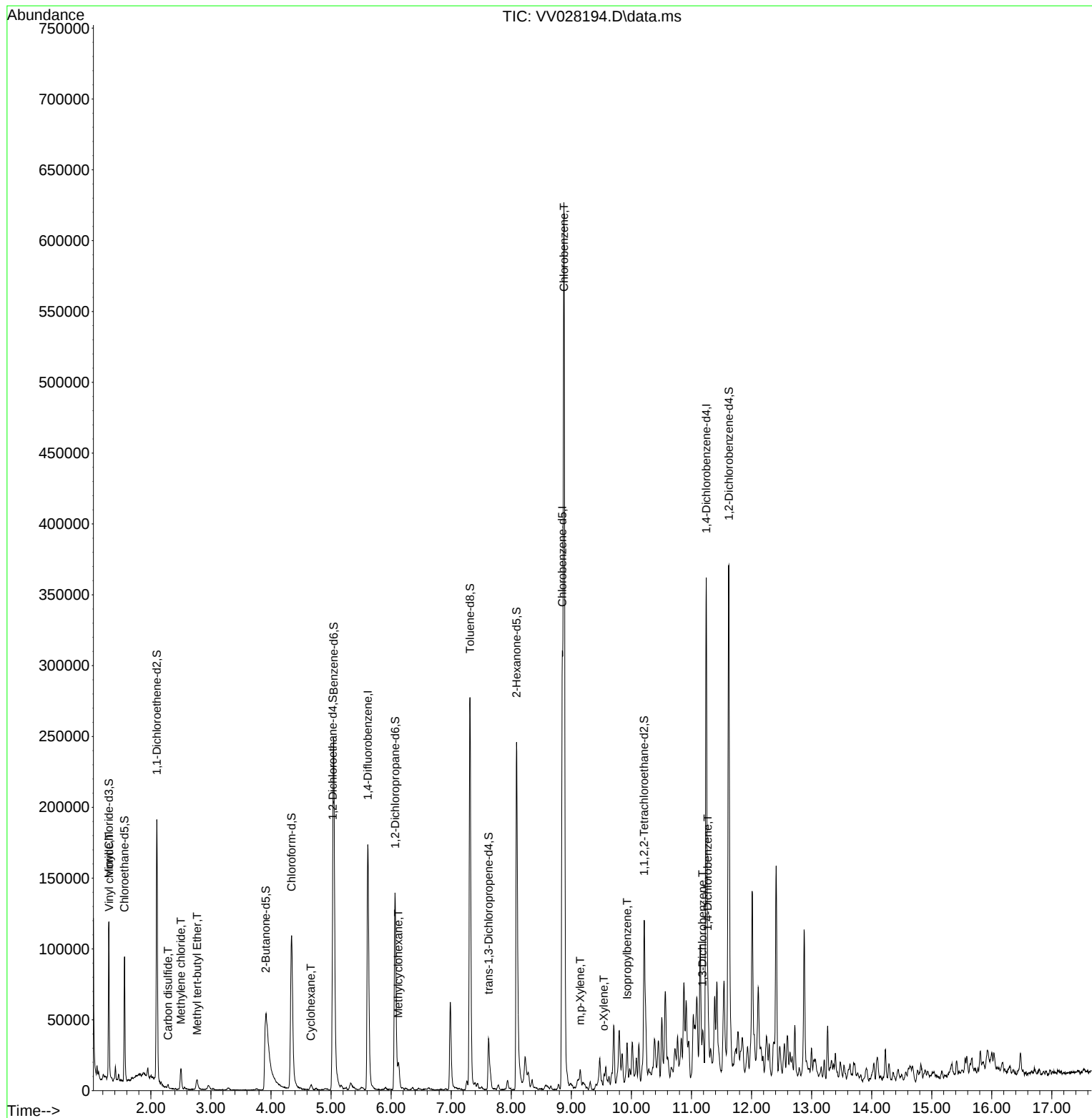
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	160556	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	162594	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	94357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	67939	4.082	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.600%	
7) Chloroethane-d5	1.561	69	56514	4.270	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.400%	
11) 1,1-Dichloroethene-d2	2.098	63	92582	3.207	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.200%	
20) 2-Butanone-d5	3.912	46	98984	35.224	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	70.440%	
24) Chloroform-d	4.342	84	118153	4.448	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
26) 1,2-Dichloroethane-d4	5.027	65	53971	4.270	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.400%	
32) Benzene-d6	5.043	84	234613	4.401	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.066	67	70909	4.266	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.400%	
41) Toluene-d8	7.313	98	199198	4.128	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.600%	
43) trans-1,3-Dichloroprop...	7.622	79	22701	3.781	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.600%	
46) 2-Hexanone-d5	8.088	63	96906	38.674	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.340%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52343	4.607	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	84332	4.557	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	2434	0.195	ug/L #	24
14) Carbon disulfide	2.285	76	2840	0.133	ug/L	100
16) Methylene chloride	2.500	84	6050	0.488	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	6478	0.271	ug/L #	90
30) Cyclohexane	4.664	56	1555	0.108	ug/L #	70
35) Methylcyclohexane	6.120	83	6545	0.425	ug/L	95
51) Chlorobenzene	8.879	112	348512	11.033	ug/L	96
53) m,p-Xylene	9.146	106	1523	0.080	ug/L	92
54) o-Xylene	9.542	106	1342	0.071	ug/L	90
60) Isopropylbenzene	9.931	105	16956	0.306	ug/L #	85
64) 1,3-Dichlorobenzene	11.185	146	6042	0.219	ug/L	94
65) 1,4-Dichlorobenzene	11.271	146	13114	0.476	ug/L	96

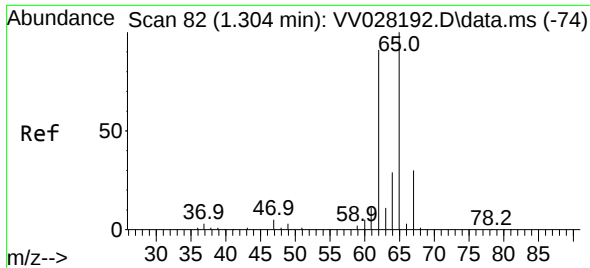
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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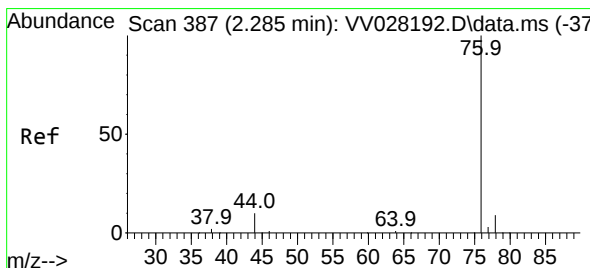
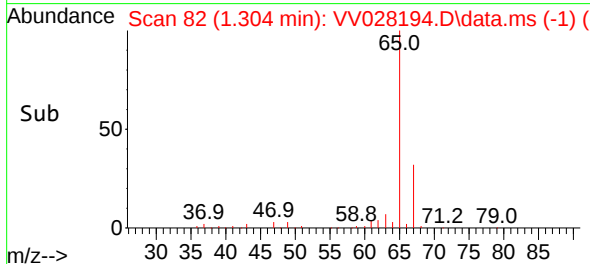
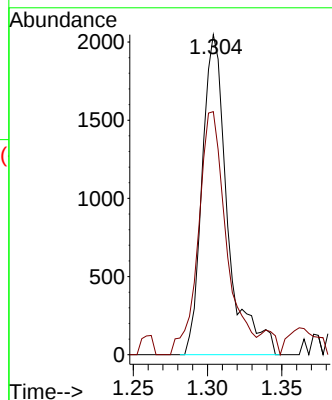
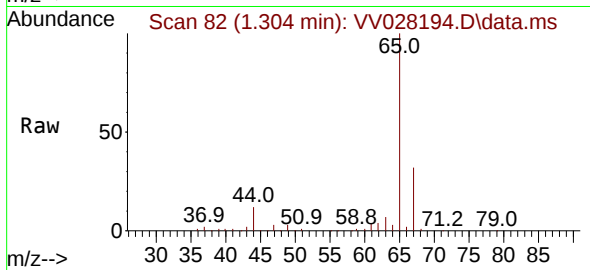




#5
 Vinyl chloride
 Concen: 0.195 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028194.D
 Acq: 29 Sep 2022 18:28

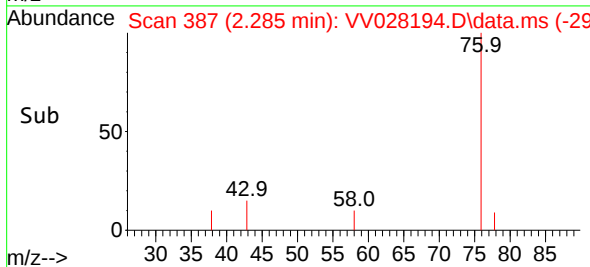
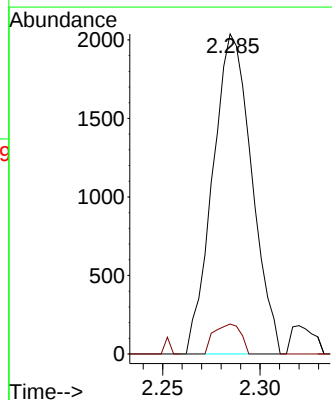
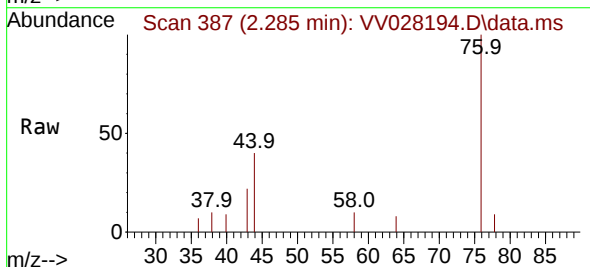
Instrument :
 MSVOA_V
 ClientSampleId :
 CB8P1DL

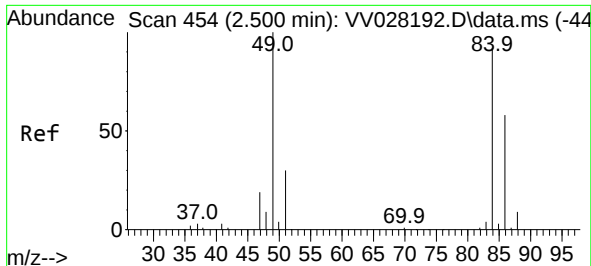
Tgt Ion: 62 Resp: 2434
 Ion Ratio Lower Upper
 62 100
 64 76.0 23.0 42.8#



#14
 Carbon disulfide
 Concen: 0.133 ug/L
 RT: 2.285 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VV028194.D
 Acq: 29 Sep 2022 18:28

Tgt Ion: 76 Resp: 2840
 Ion Ratio Lower Upper
 76 100
 78 9.4 7.6 11.4

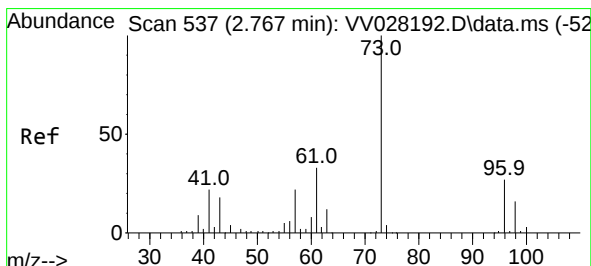
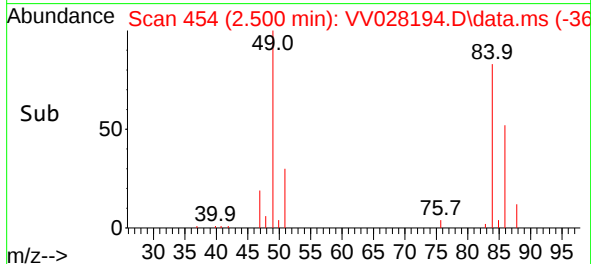
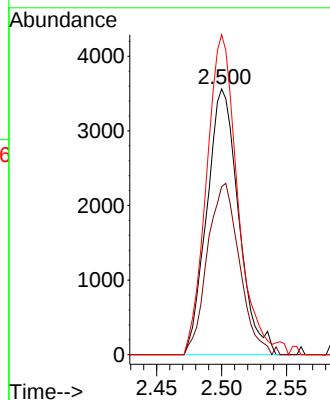
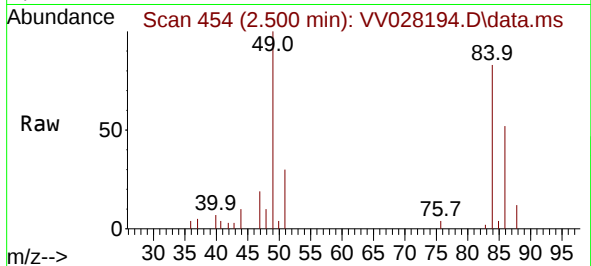




#16
Methylene chloride
Concen: 0.488 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

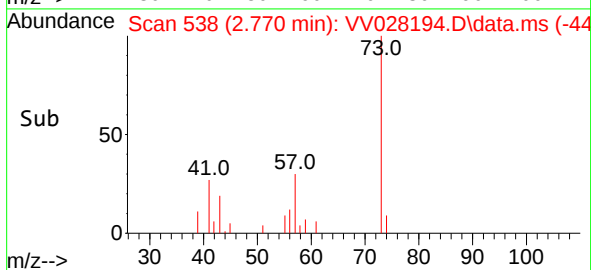
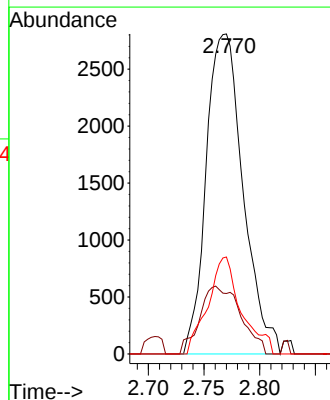
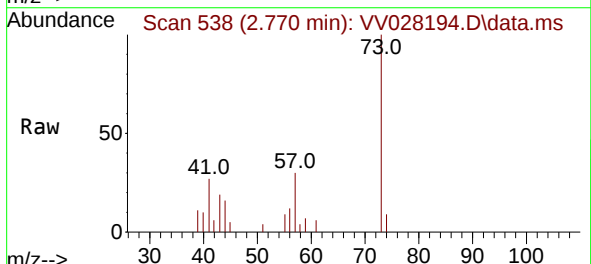
Instrument :
MSVOA_V
ClientSampleId :
CB8P1DL

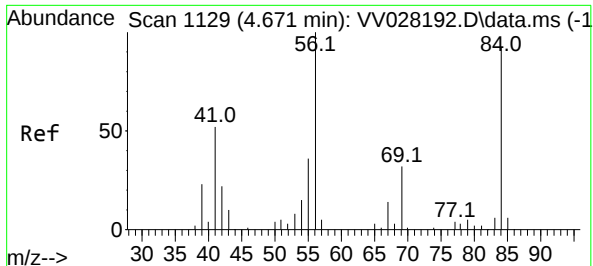
Tgt Ion: 84 Resp: 6050
Ion Ratio Lower Upper
84 100
86 63.2 46.8 86.8
49 120.4 87.5 162.5



#17
Methyl tert-butyl Ether
Concen: 0.271 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Tgt Ion: 73 Resp: 6478
Ion Ratio Lower Upper
73 100
43 23.6 15.7 23.5#
57 27.3 17.8 26.8#

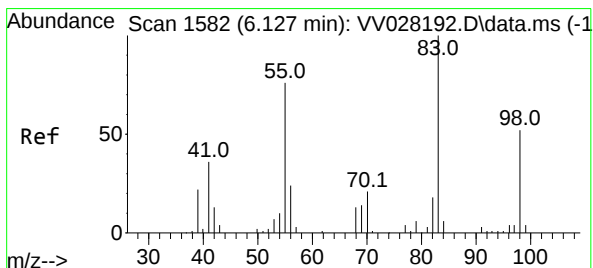
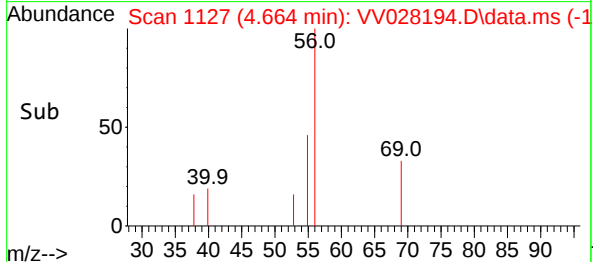
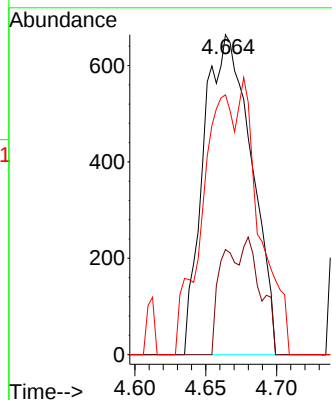
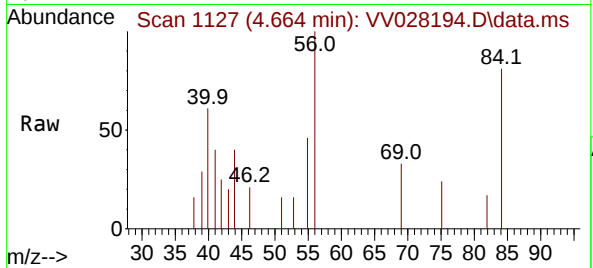




#30
Cyclohexane
Concen: 0.108 ug/L
RT: 4.664 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

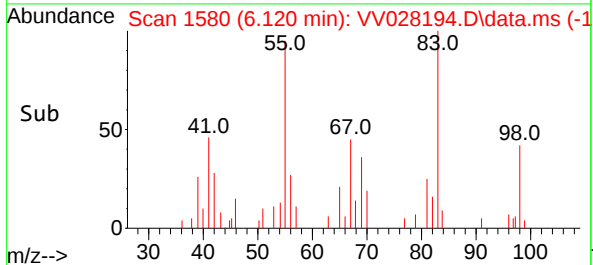
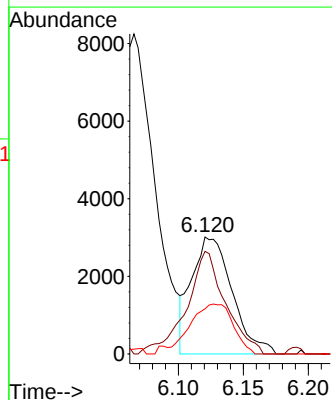
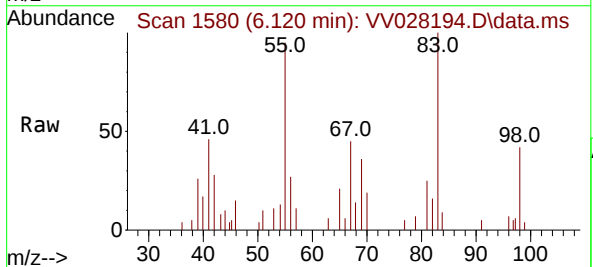
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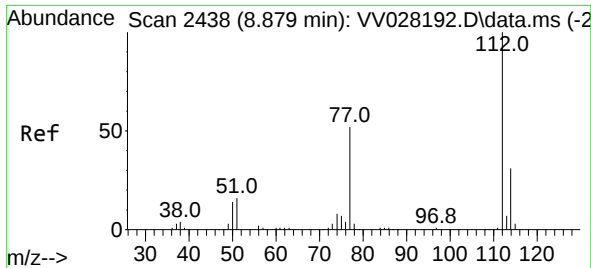
Tgt Ion: 56 Resp: 1555
Ion Ratio Lower Upper
56 100
69 14.2 23.7 35.5#
84 56.1 67.3 100.9#



#35
Methylcyclohexane
Concen: 0.425 ug/L
RT: 6.120 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Tgt Ion: 83 Resp: 6545
Ion Ratio Lower Upper
83 100
55 84.2 64.7 97.1
98 44.7 39.5 59.3

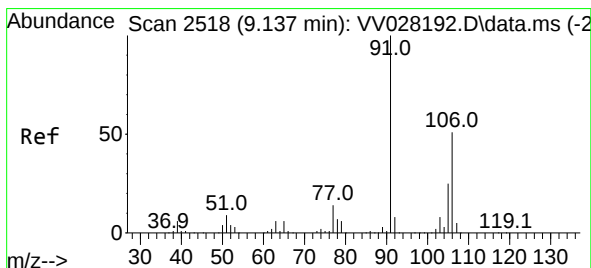
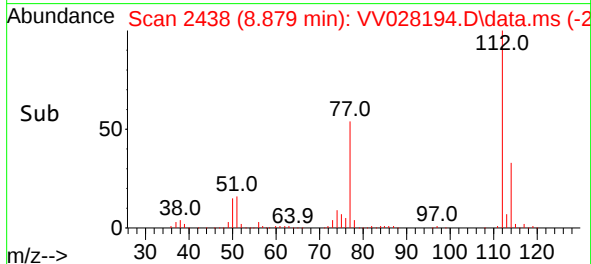
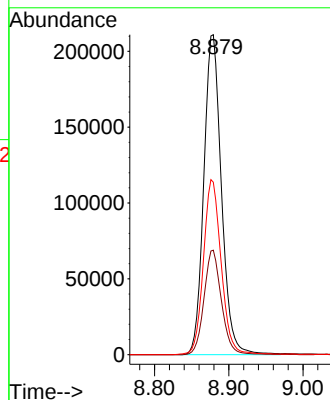
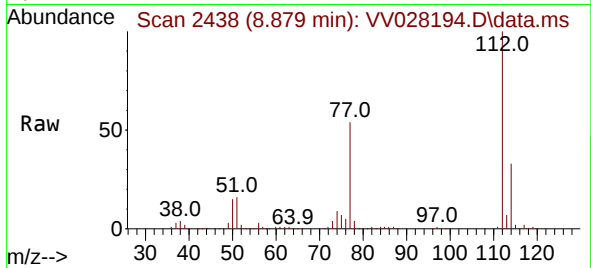




#51
Chlorobenzene
Concen: 11.033 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

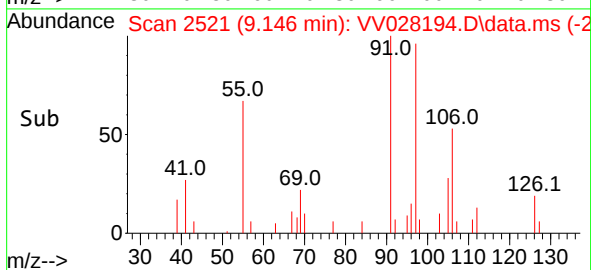
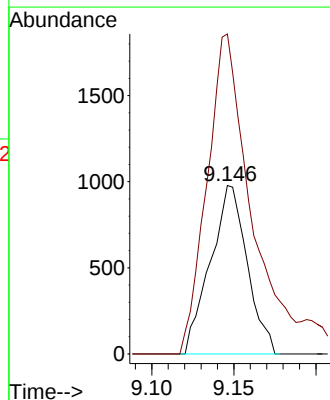
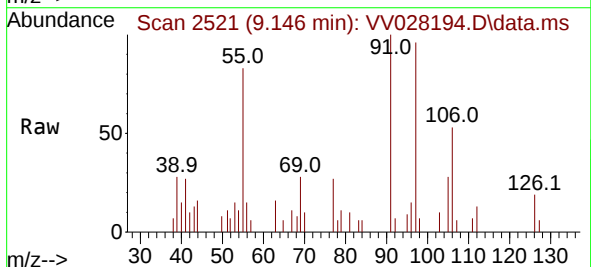
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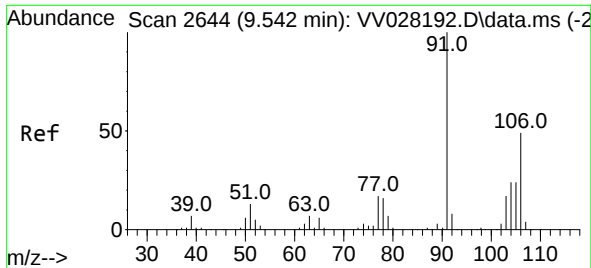
Tgt Ion:112 Resp: 348512
Ion Ratio Lower Upper
112 100
114 32.6 22.5 41.7
77 53.9 46.1 69.1



#53
m,p-Xylene
Concen: 0.080 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.013 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Tgt Ion:106 Resp: 1523
Ion Ratio Lower Upper
106 100
91 190.0 141.9 263.5

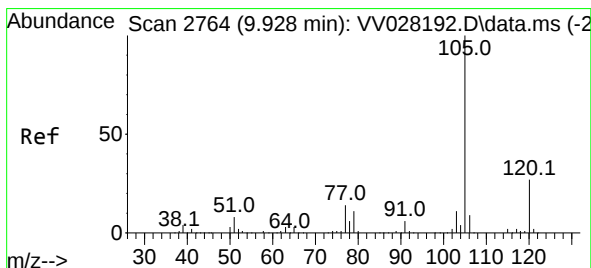
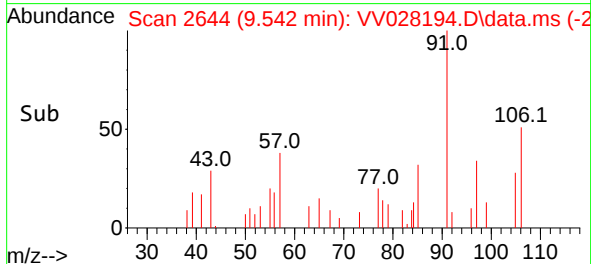
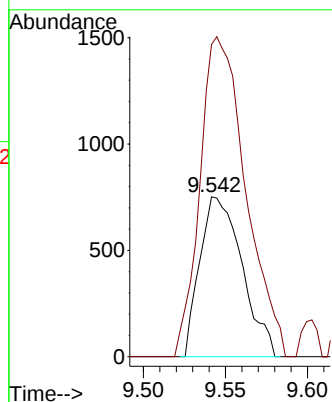
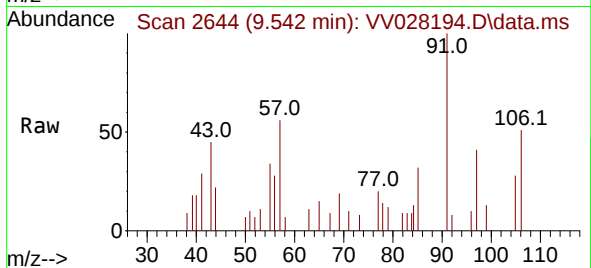




#54
o-Xylene
Concen: 0.071 ug/L
RT: 9.542 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

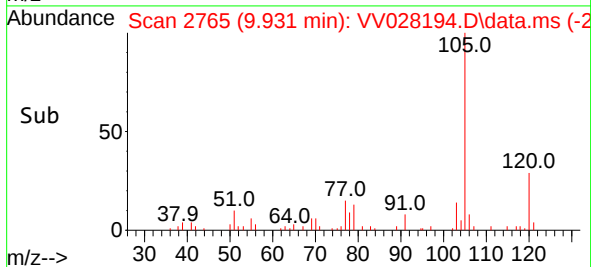
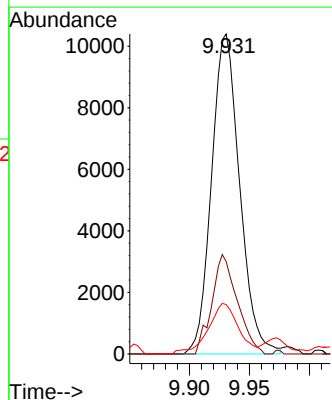
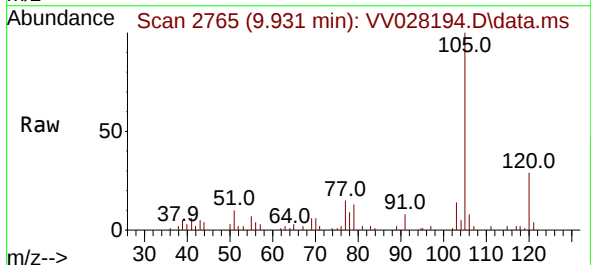
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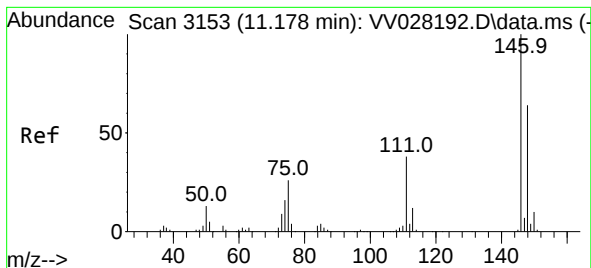
Tgt Ion:106 Resp: 1342
Ion Ratio Lower Upper
106 100
91 195.3 148.1 275.0



#60
Isopropylbenzene
Concen: 0.306 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Tgt Ion:105 Resp: 16956
Ion Ratio Lower Upper
105 100
120 28.1 21.4 32.0
77 0.0 12.2 18.4#





#64

1,3-Dichlorobenzene

Concen: 0.219 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.009 min

Lab File: VV028194.D

Acq: 29 Sep 2022 18:28

Instrument :

MSVOA_V

ClientSampleId :

CB8P1DL

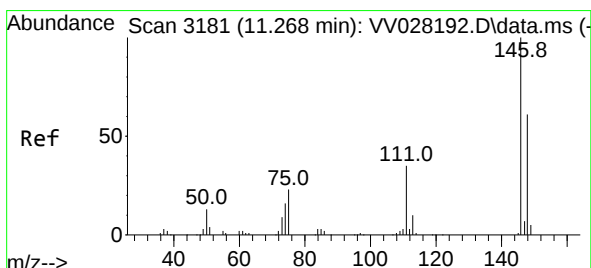
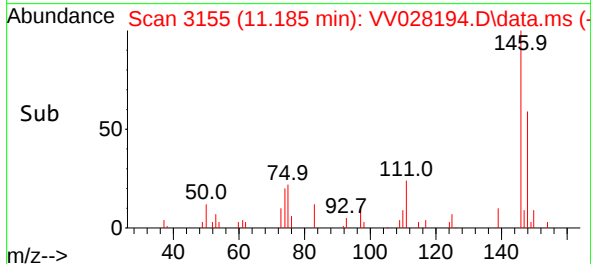
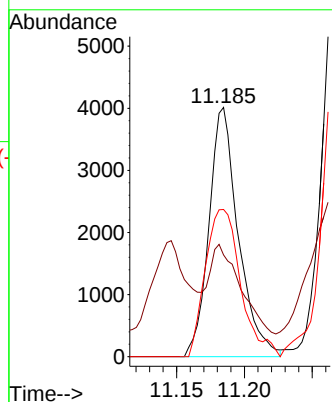
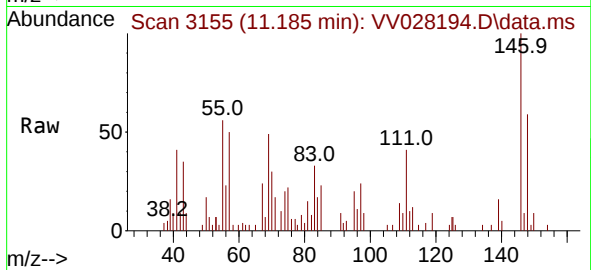
Tgt Ion:146 Resp: 6042

Ion Ratio Lower Upper

146 100

111 40.8 27.1 50.3

148 59.0 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 0.476 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. 0.003 min

Lab File: VV028194.D

Acq: 29 Sep 2022 18:28

Tgt Ion:146 Resp: 13114

Ion Ratio Lower Upper

146 100

111 38.5 26.2 48.8

148 60.6 45.8 85.2

