

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102122\
 Data File : VV028656.D
 Acq On : 21 Oct 2022 12:41
 Operator : SY/MD
 Sample : N5163-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BD711

Quant Time: Oct 21 23:01:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 22:58:36 2022
 Response via : Initial Calibration

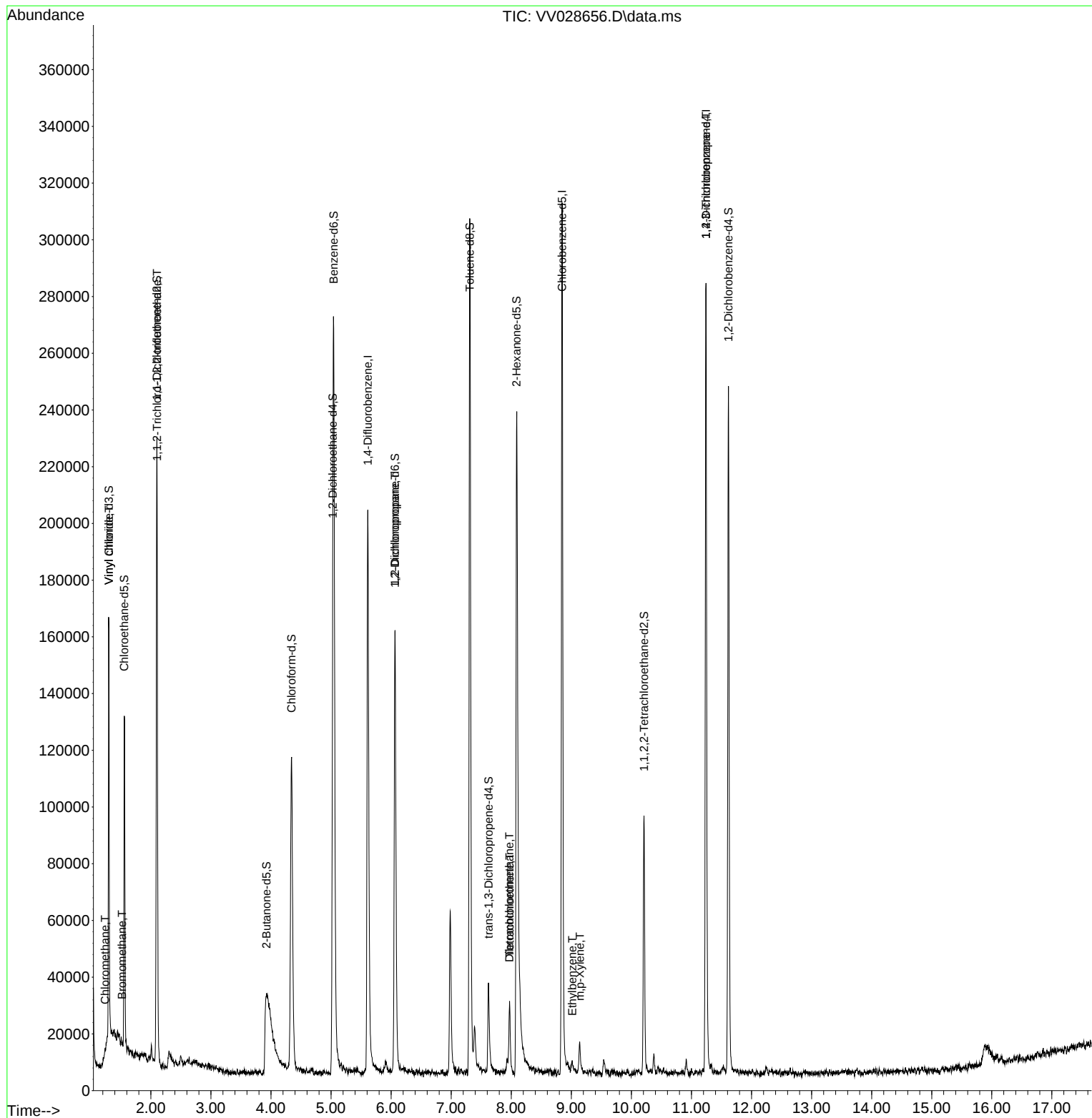
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	164883	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.847	117	156714	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	67399	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	93560	5.731	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	114.600%	
7) Chloroethane-d5	1.558	69	74350	5.794	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	115.800%	
11) 1,1-Dichloroethene-d2	2.098	63	123360	4.349	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.000%	
20) 2-Butanone-d5	3.928	46	38142	12.414	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	24.820%#	
24) Chloroform-d	4.343	84	112502	4.646	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
26) 1,2-Dichloroethane-d4	5.027	65	55312	4.218	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
32) Benzene-d6	5.043	84	235745	3.457	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	69.200%#	
36) 1,2-Dichloropropane-d6	6.066	67	75751	3.543	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	70.800%	
41) Toluene-d8	7.310	98	196251	3.980	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
43) trans-1,3-Dichloroprop...	7.622	79	17942	3.457	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.200%	
46) 2-Hexanone-d5	8.088	63	92519	42.931	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.860%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	45968	4.552	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.000%	
66) 1,2-Dichlorobenzene-d4	11.616	152	56976	4.703	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	2031	0.127	ug/L #	46
5) Vinyl chloride	1.301	62	721	0.047	ug/L #	1
6) Bromomethane	1.520	94	1062	0.141	ug/L	80
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1266	0.112	ug/L #	30
37) 1,2-Dichloropropane	6.063	63	8760	0.445	ug/L #	89
47) Tetrachloroethene	7.973	164	4874	0.532	ug/L	93
49) Dibromochloromethane	7.969	129	4876	0.567	ug/L #	13
52) Ethylbenzene	9.014	91	2690	0.043	ug/L	85
53) m,p-Xylene	9.143	106	2812	0.122	ug/L	83
61) 1,2,3-Trichloropropane	11.243	75	10321	1.413	ug/L #	67

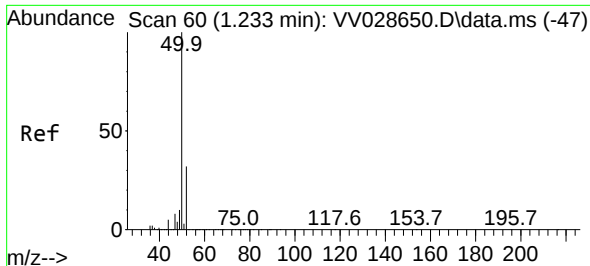
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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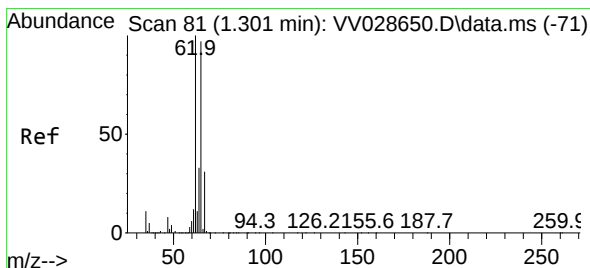
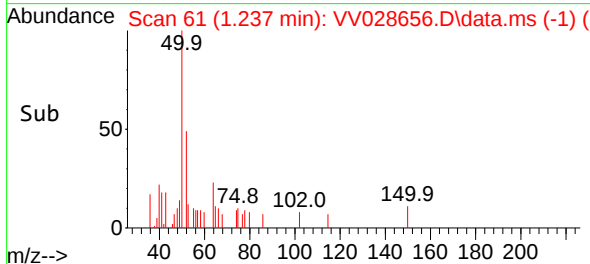
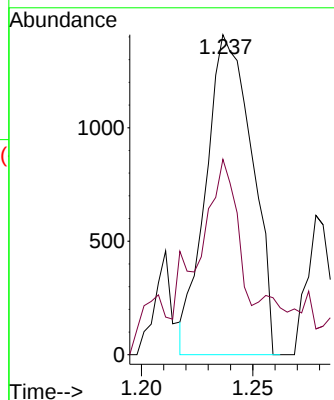
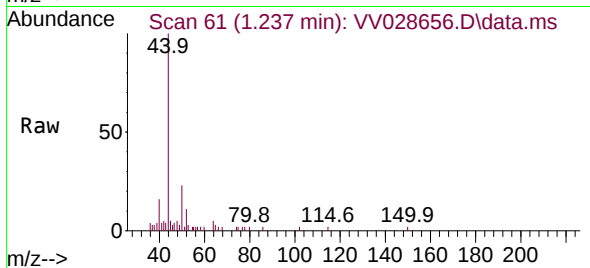




#3
Chloromethane
Concen: 0.127 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028656.D
Acq: 21 Oct 2022 12:41

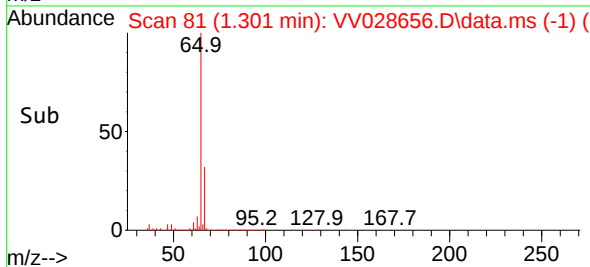
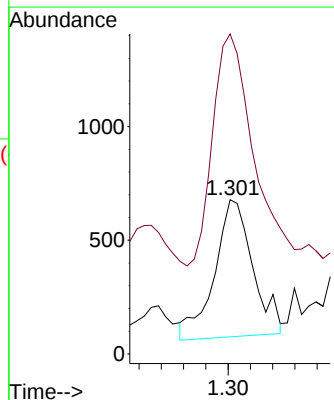
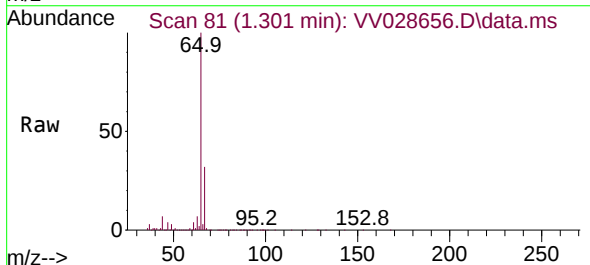
Instrument :
MSVOA_V
ClientSampleId :
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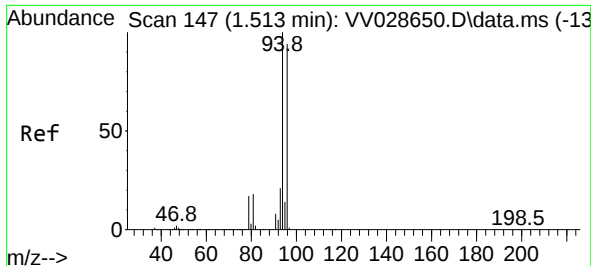
Tgt Ion: 50 Resp: 2031
Ion Ratio Lower Upper
50 100
52 61.1 21.8 40.6#



#5
Vinyl chloride
Concen: 0.047 ug/L
RT: 1.301 min Scan# 81
Delta R.T. 0.000 min
Lab File: VV028656.D
Acq: 21 Oct 2022 12:41

Tgt Ion: 62 Resp: 721
Ion Ratio Lower Upper
62 100
64 207.5 22.0 41.0#

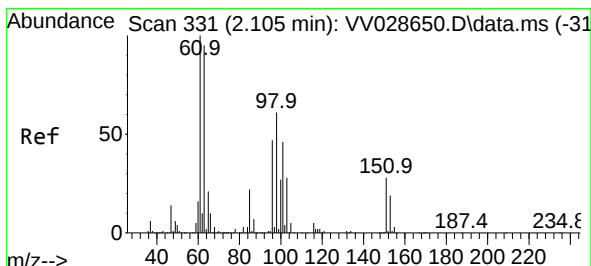
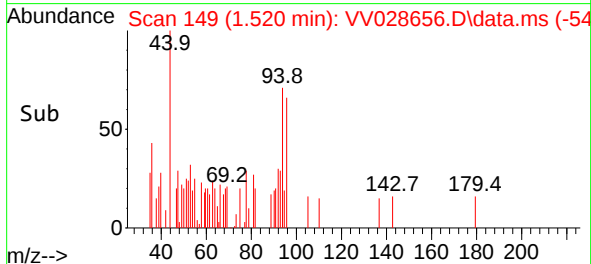
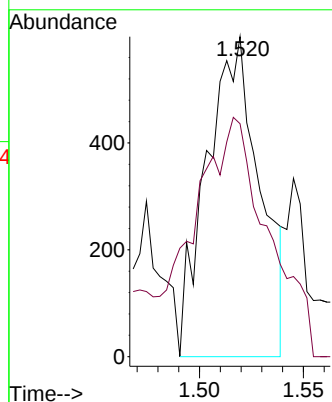
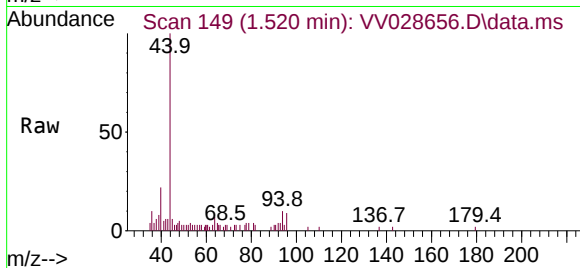




#6
Bromomethane
Concen: 0.141 ug/L
RT: 1.520 min Scan# 147
Delta R.T. 0.007 min
Lab File: VV028656.D
Acq: 21 Oct 2022 12:41

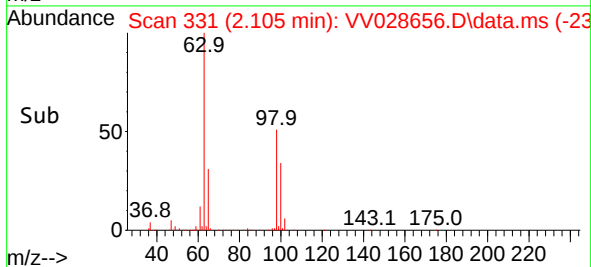
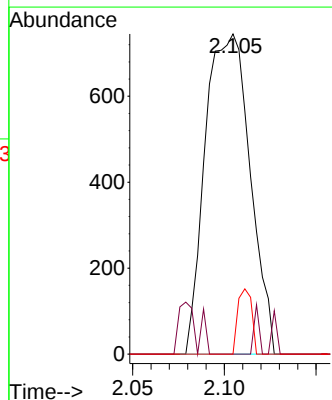
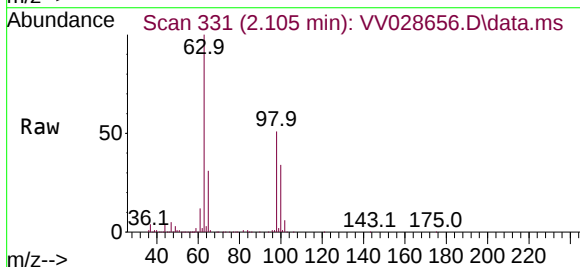
Instrument :
MSVOA_V
ClientSampleId :
BD711

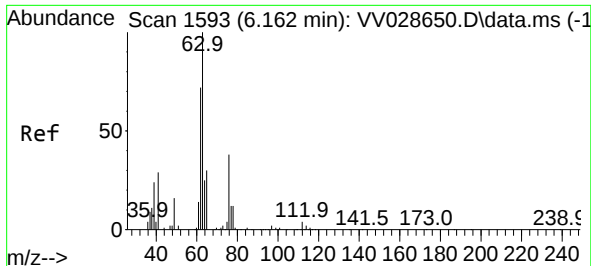
Tgt Ion: 94 Resp: 1062
Ion Ratio Lower Upper
94 100
96 72.8 64.3 119.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.112 ug/L
RT: 2.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VV028656.D
Acq: 21 Oct 2022 12:41

Tgt Ion: 101 Resp: 1266
Ion Ratio Lower Upper
101 100
85 1.7 37.0 55.6#
151 6.3 50.2 75.2#

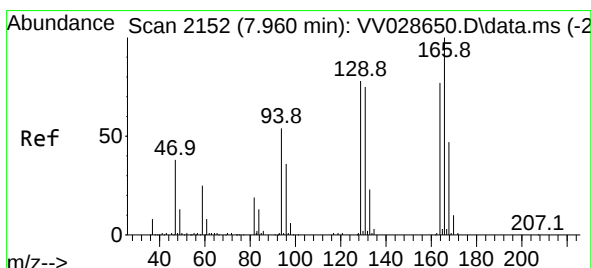
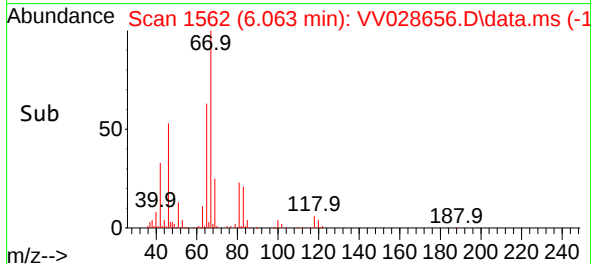
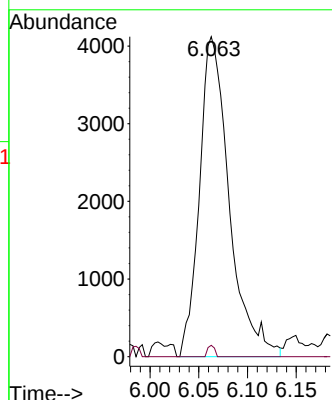
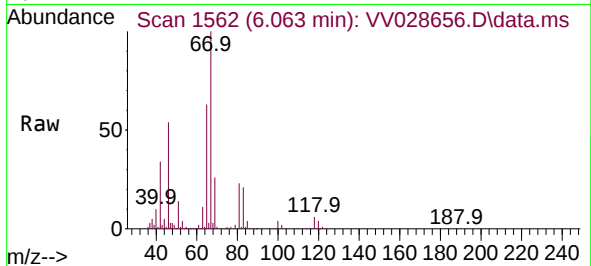




#37
1,2-Dichloropropane
Concen: 0.445 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV028656.D
Acq: 21 Oct 2022 12:41

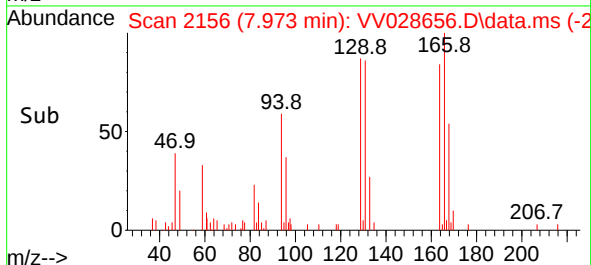
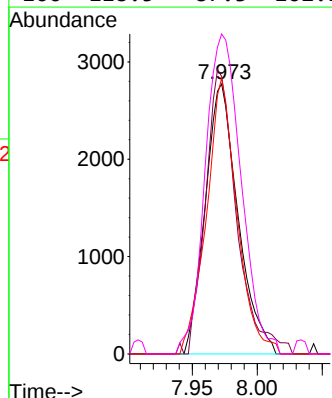
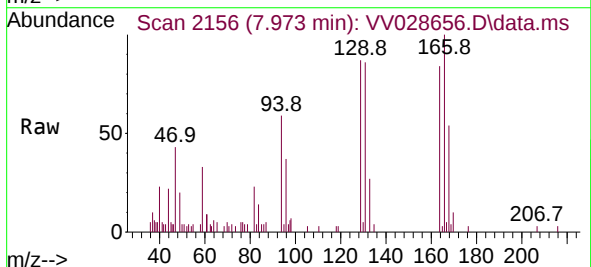
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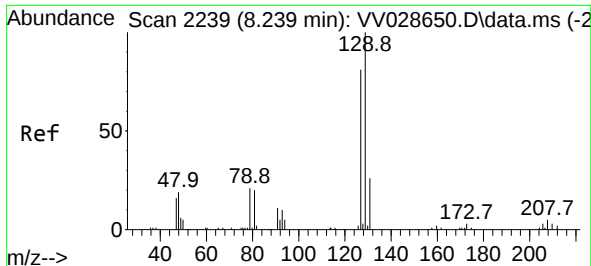
Tgt Ion: 63 Resp: 8760
Ion Ratio Lower Upper
63 100
112 0.8 3.4 5.2#



#47
Tetrachloroethene
Concen: 0.532 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.013 min
Lab File: VV028656.D
Acq: 21 Oct 2022 12:41

Tgt Ion: 164 Resp: 4874
Ion Ratio Lower Upper
164 100
129 102.8 69.2 128.6
131 102.2 64.2 119.2
166 118.5 87.3 162.1





#49

Dibromochloromethane

Concen: 0.567 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV028656.D

Acq: 21 Oct 2022 12:41

Instrument :

MSVOA_V

ClientSampleId :

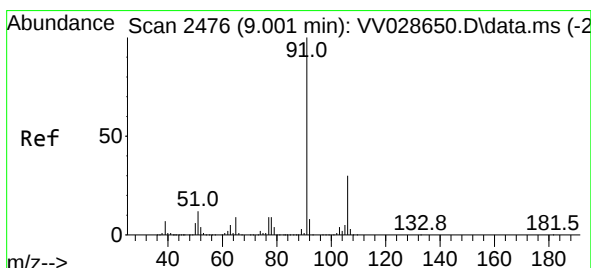
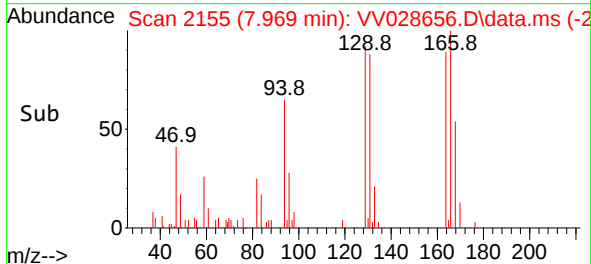
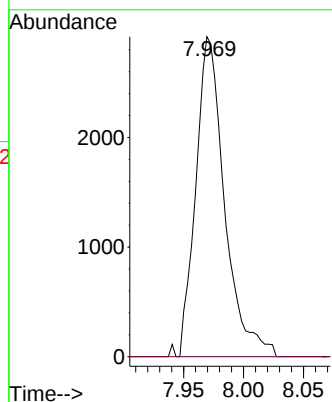
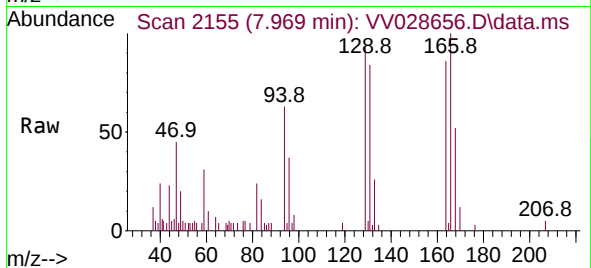
BD711

Tgt Ion:129 Resp: 4876

Ion Ratio Lower Upper

129 100

127 0.0 51.6 95.8#



#52

Ethylbenzene

Concen: 0.043 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.013 min

Lab File: VV028656.D

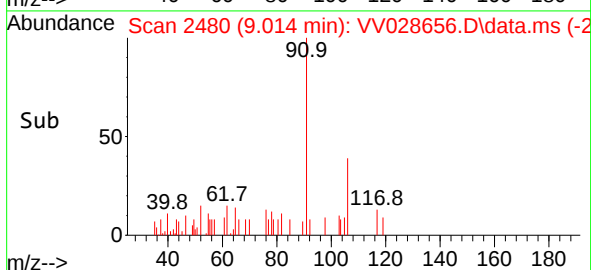
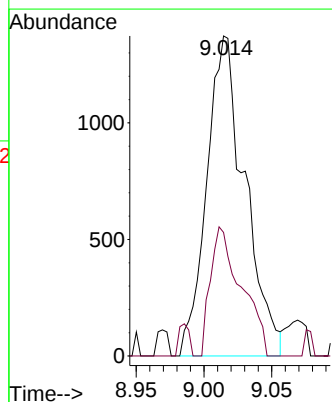
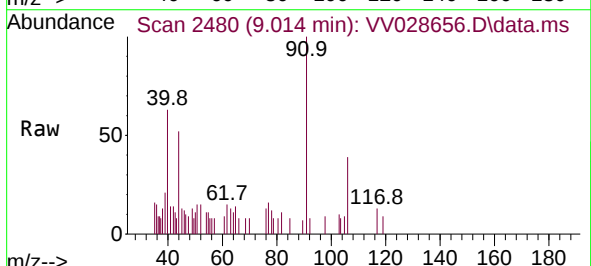
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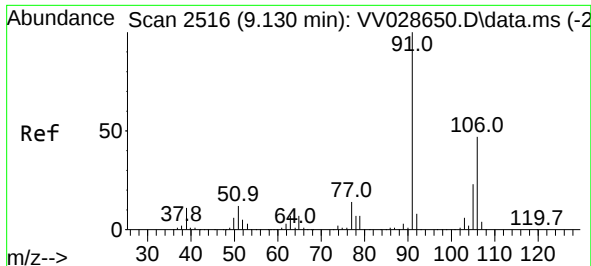
Tgt Ion: 91 Resp: 2690

Ion Ratio Lower Upper

91 100

106 38.6 21.3 39.6

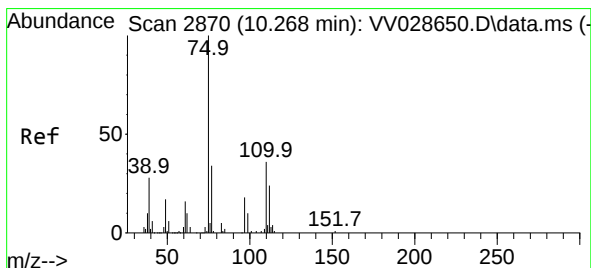
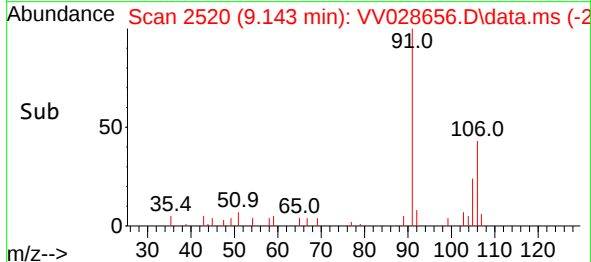
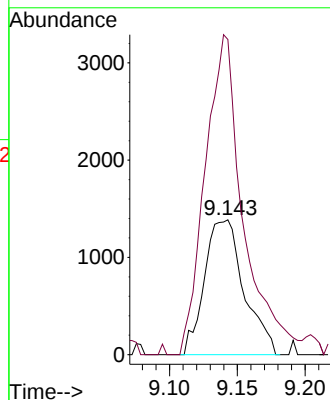
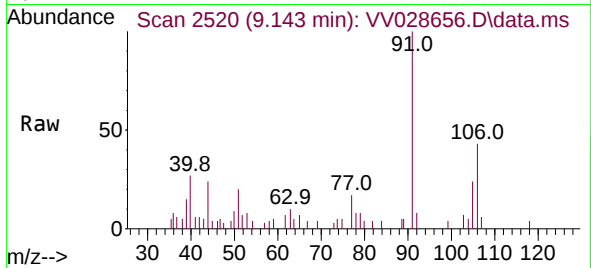




#53
m,p-Xylene
Concen: 0.122 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV028656.D
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Tgt Ion:106 Resp: 2812
Ion Ratio Lower Upper
106 100
91 233.7 145.5 270.1



#61
1,2,3-Trichloropropane
Concen: 1.413 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV028656.D
Acq: 21 Oct 2022 12:41

Tgt Ion: 75 Resp: 10321
Ion Ratio Lower Upper
75 100
77 34.6 25.2 37.8
110 0.9 27.9 41.9#

