

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102122\
 Data File : VW028657.D
 Acq On : 21 Oct 2022 13:05
 Operator : SY/MD
 Sample : N5163-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BD716

Quant Time: Oct 21 23:01:38 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)

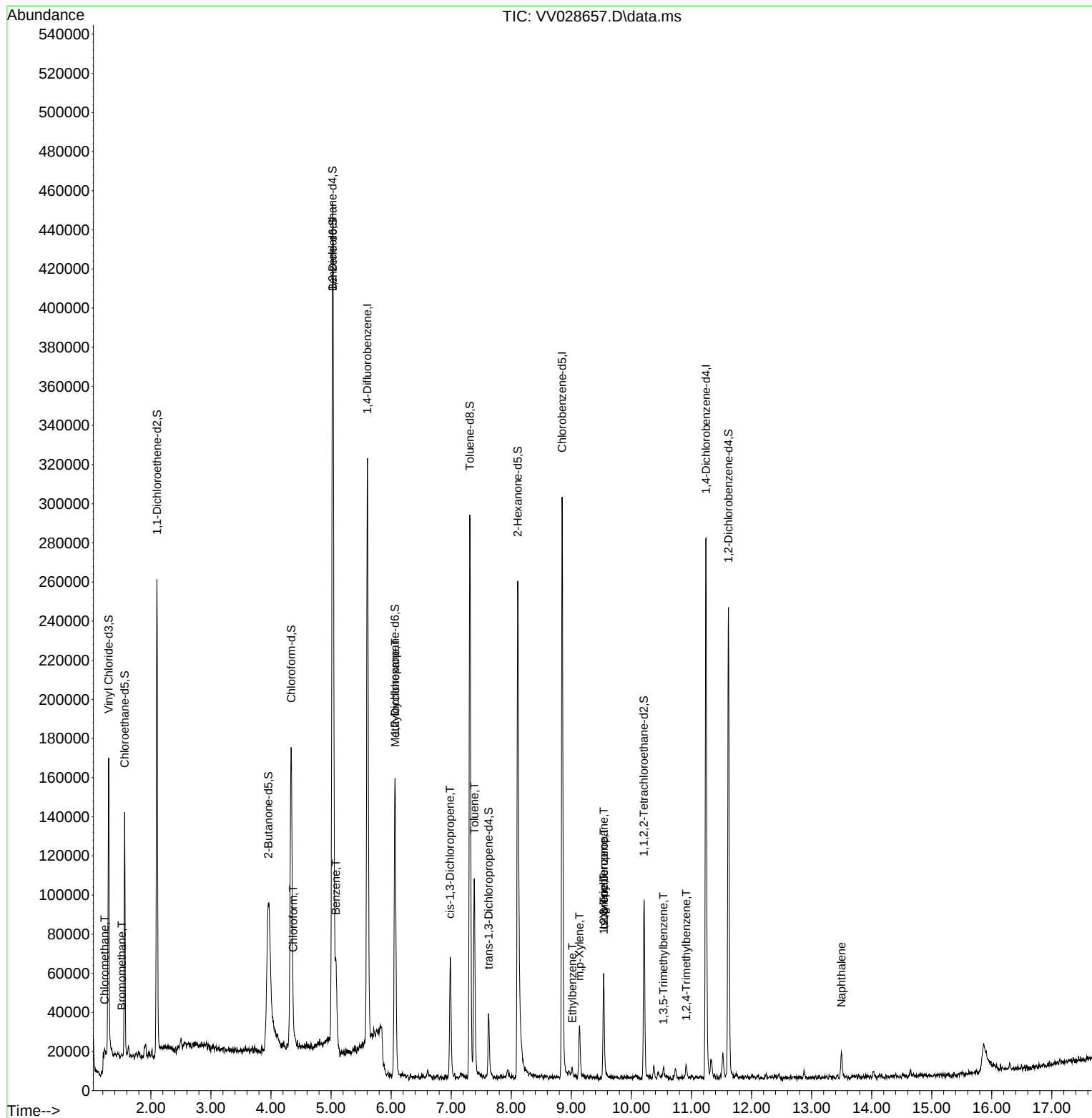
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	220825	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	147158	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	65530	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	93602	4.281	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.565	69	74309	4.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.102	63	134452	3.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	3.957	46	235023	57.115	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.240%
24) Chloroform-d	4.336	84	150792	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.024	65	83645	4.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.031	84	315749	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.063	67	73029	3.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.800%
41) Toluene-d8	7.310	98	182623	3.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	7.622	79	17360	3.562	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.108	63	90110	44.528	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.060%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	44422	4.684	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.616	152	57332	4.867	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						Qvalue
3) Chloromethane	1.230	50	2726	0.127	ug/L #	81
6) Bromomethane	1.516	94	759	0.075	ug/L	90
25) Chloroform	4.368	83	7375	0.214	ug/L	95
33) Benzene	5.082	78	35411	0.513	ug/L	100
35) Methylcyclohexane	6.069	83	16898	0.676	ug/L #	16
39) cis-1,3-Dichloropropene	6.982	75	2006	0.105	ug/L #	72
42) Toluene	7.384	91	69644	1.218	ug/L	99
52) Ethylbenzene	9.014	91	2322	0.039	ug/L	97
53) m,p-Xylene	9.137	106	7969	0.369	ug/L	98
54) o-Xylene	9.539	106	13434	0.627	ug/L	96
60) Isopropylbenzene	9.539	105	5842	0.107	ug/L #	10
61) 1,2,3-Trichloropropane	9.542	75	425	0.060	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.532	105	2828	0.180	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	3152	0.074	ug/L	97
71) Naphthalene	13.497	128	9505	0.462	ug/L	96

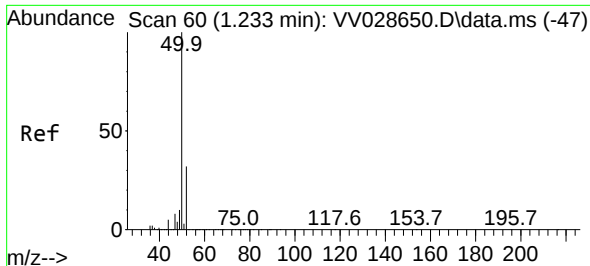
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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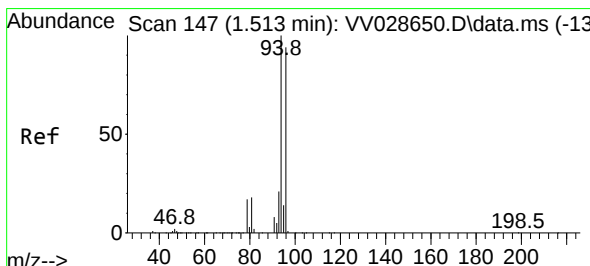
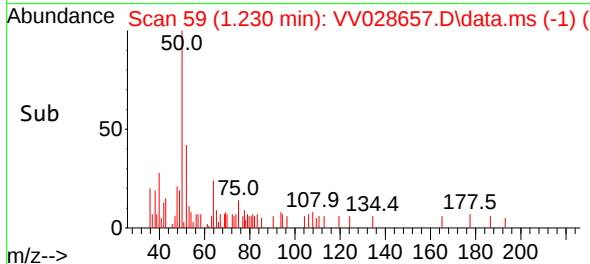
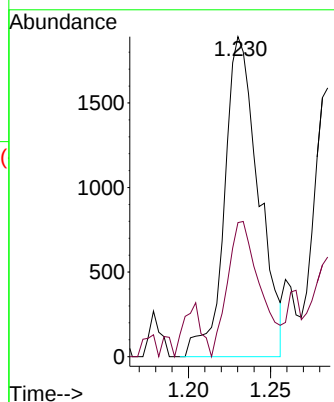
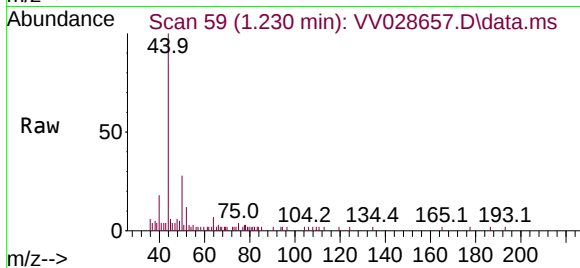




#3
Chloromethane
Concen: 0.127 ug/L
RT: 1.230 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV028657.D
Acq: 21 Oct 2022 13:05

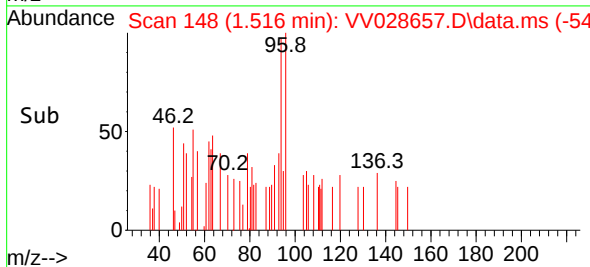
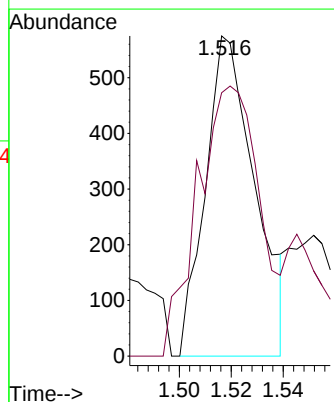
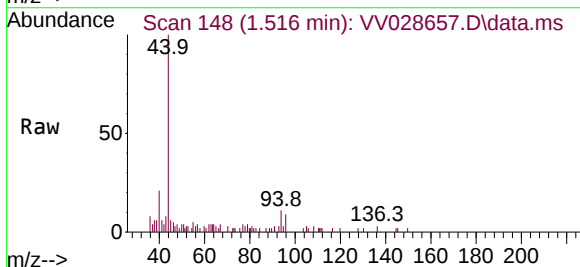
Instrument :
MSVOA_V
ClientSampleId :
BD716

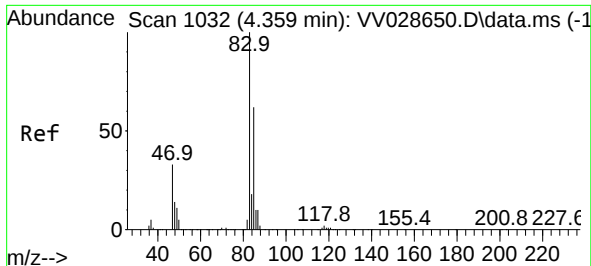
Tgt Ion: 50 Resp: 2726
Ion Ratio Lower Upper
50 100
52 41.9 21.8 40.6#



#6
Bromomethane
Concen: 0.075 ug/L
RT: 1.516 min Scan# 148
Delta R.T. 0.003 min
Lab File: VV028657.D
Acq: 21 Oct 2022 13:05

Tgt Ion: 94 Resp: 759
Ion Ratio Lower Upper
94 100
96 82.3 64.3 119.3

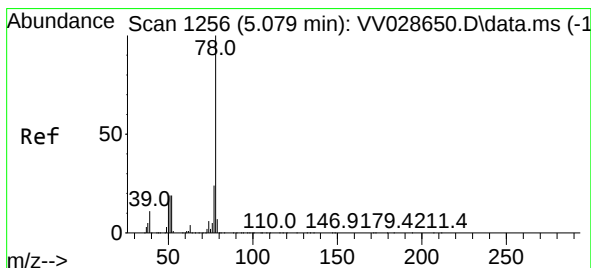
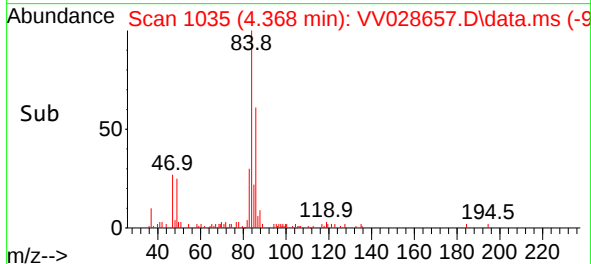
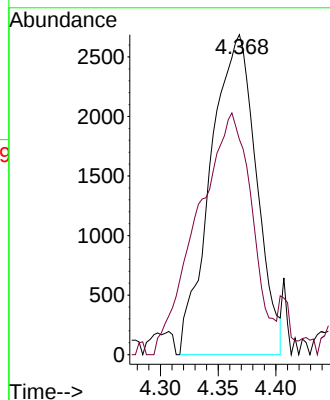
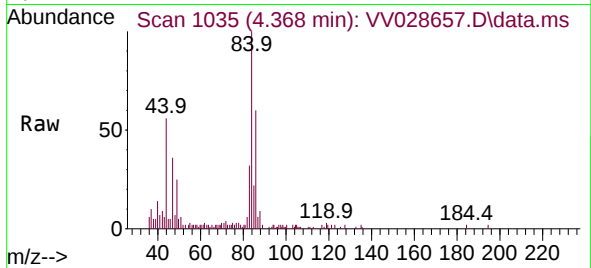




#25
Chloroform
Concen: 0.214 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.010 min
Lab File: VV028657.D
Acq: 21 Oct 2022 13:05

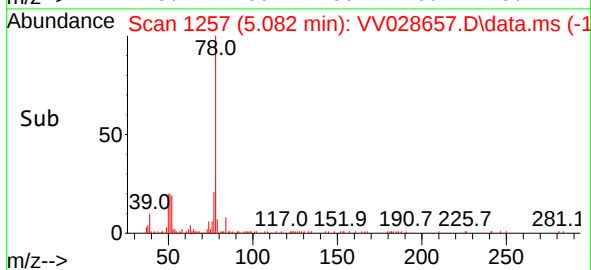
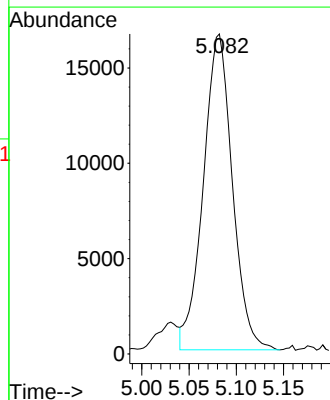
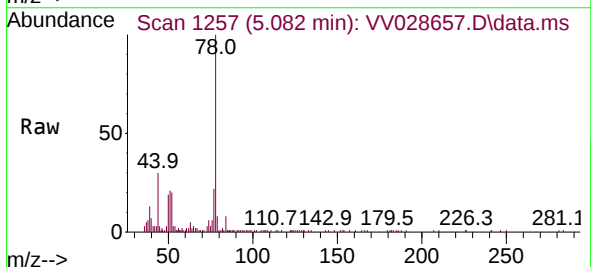
Instrument :
MSVOA_V
ClientSampleId :
BD716

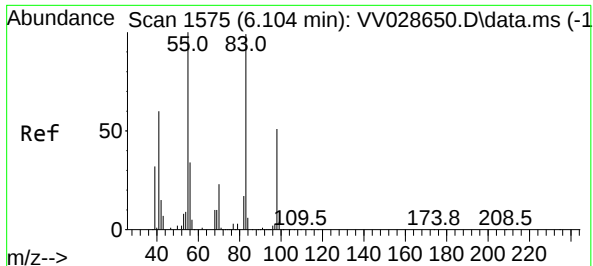
Tgt Ion: 83 Resp: 7375
Ion Ratio Lower Upper
83 100
85 67.2 44.1 81.9



#33
Benzene
Concen: 0.513 ug/L
RT: 5.082 min Scan# 1257
Delta R.T. 0.003 min
Lab File: VV028657.D
Acq: 21 Oct 2022 13:05

Tgt Ion: 78 Resp: 35411

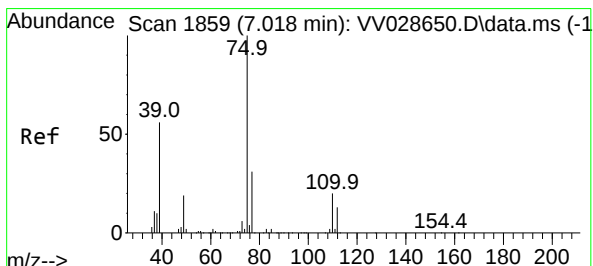
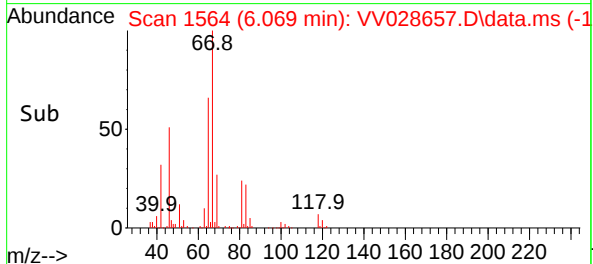
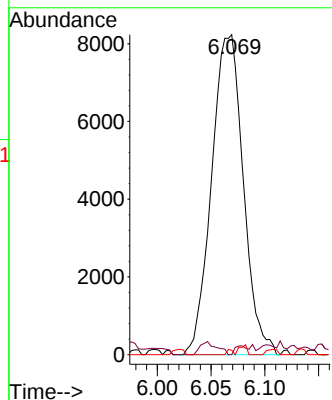
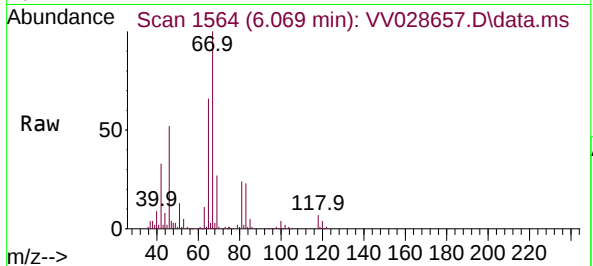




#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.035 min
Lab File: VV028657.D
Acq: 21 Oct 2022 13:05

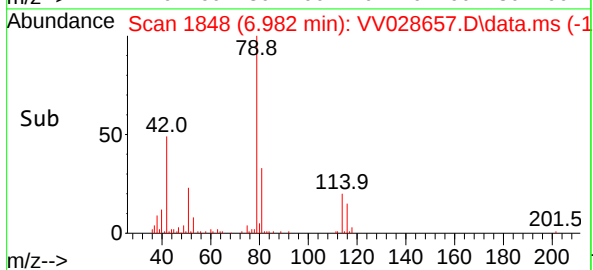
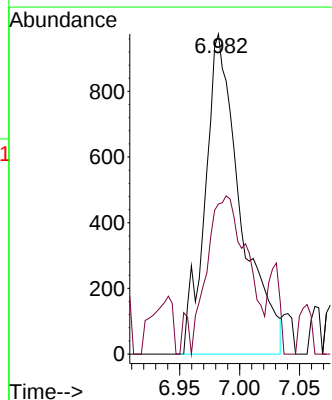
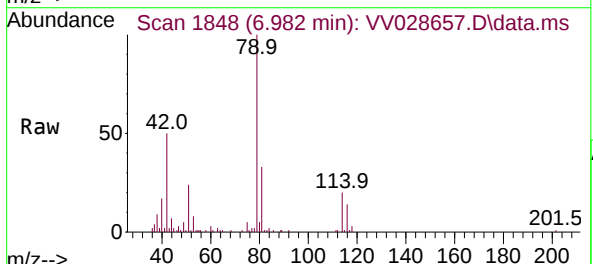
Instrument :
MSVOA_V
ClientSampleId :
BD716

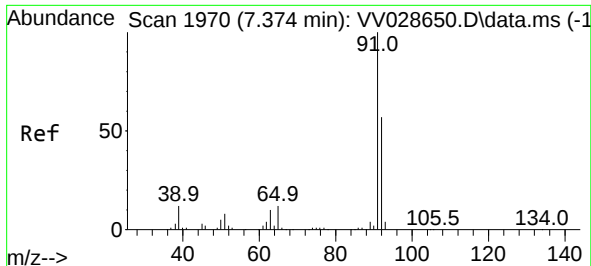
Tgt Ion: 83 Resp: 16898
Ion Ratio Lower Upper
83 100
55 2.1 70.0 105.0#
98 0.3 35.6 53.4#



#39
cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.035 min
Lab File: VV028657.D
Acq: 21 Oct 2022 13:05

Tgt Ion: 75 Resp: 2006
Ion Ratio Lower Upper
75 100
77 46.9 22.1 41.1#





#42

Toluene

Concen: 1.218 ug/L

RT: 7.384 min Scan# 1970

Delta R.T. 0.010 min

Lab File: VV028657.D

Acq: 21 Oct 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

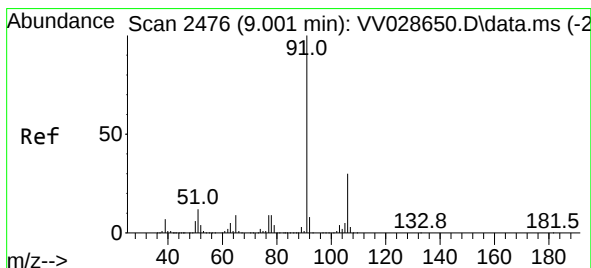
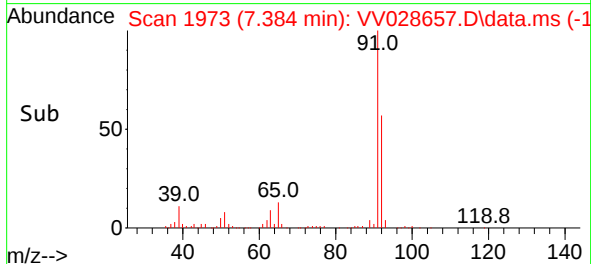
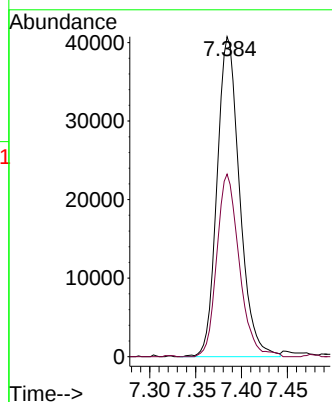
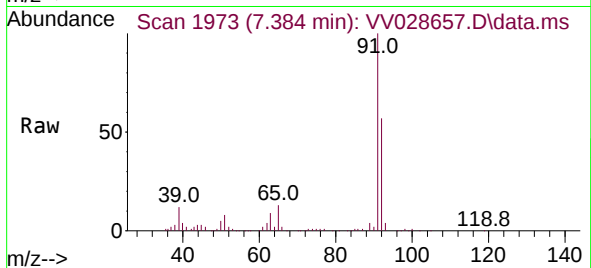
BD716

Tgt Ion: 91 Resp: 69644

Ion Ratio Lower Upper

91 100

92 57.0 40.5 75.3



#52

Ethylbenzene

Concen: 0.039 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.013 min

Lab File: VV028657.D

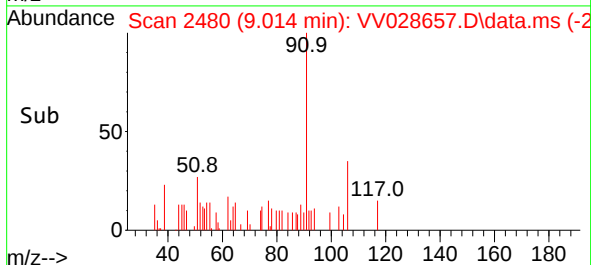
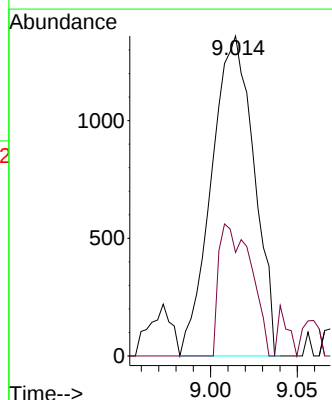
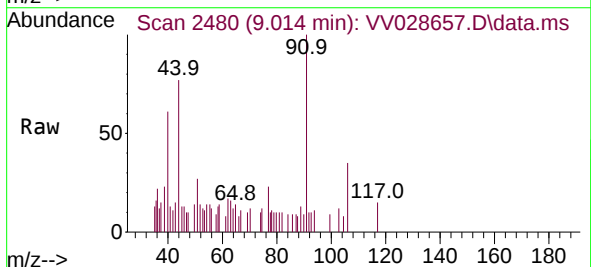
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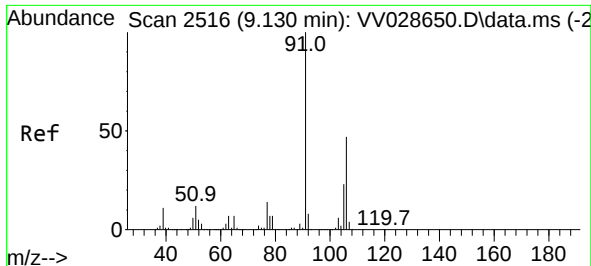
Tgt Ion: 91 Resp: 2322

Ion Ratio Lower Upper

91 100

106 32.4 21.3 39.6

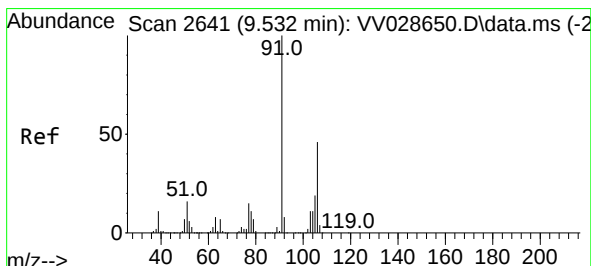
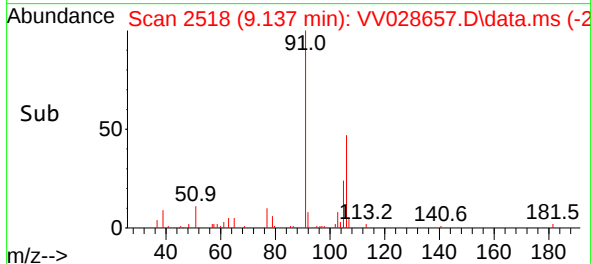
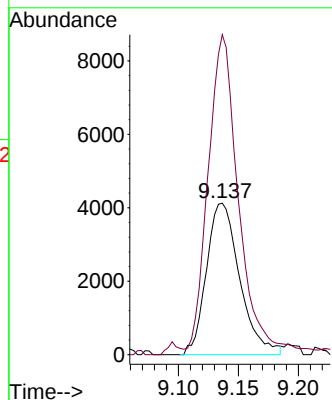
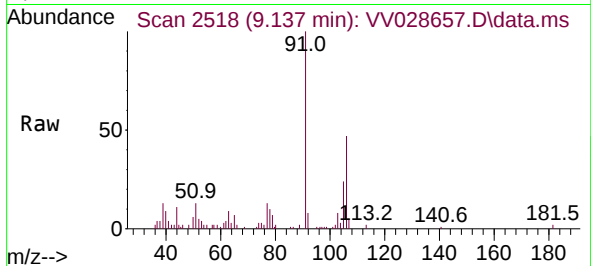




#53
m,p-Xylene
Concen: 0.369 ug/L
RT: 9.137 min Scan# 2516
Delta R.T. 0.007 min
Lab File: VV028657.D
Acq: 21 Oct 2022 13:05

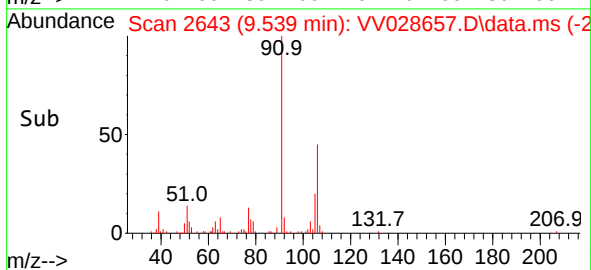
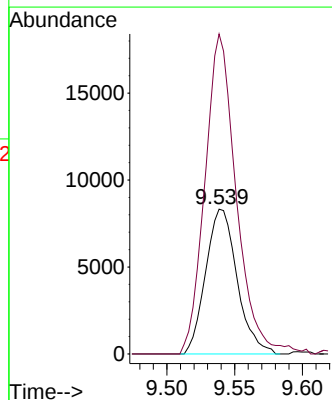
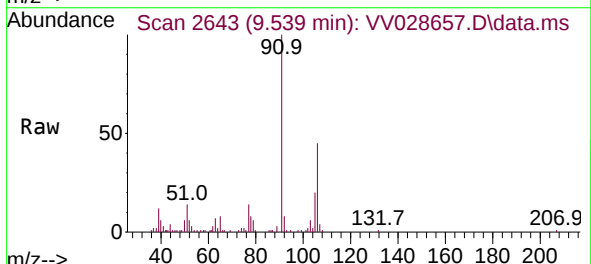
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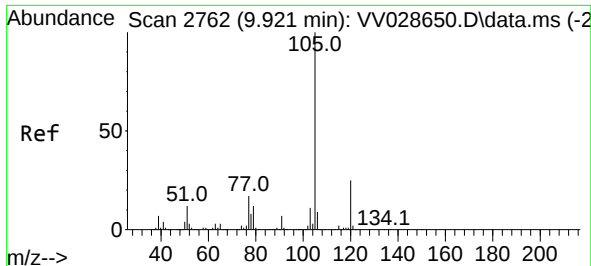
Tgt Ion:106 Resp: 7969
Ion Ratio Lower Upper
106 100
91 211.2 145.5 270.1



#54
o-Xylene
Concen: 0.627 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. 0.007 min
Lab File: VV028657.D
Acq: 21 Oct 2022 13:05

Tgt Ion:106 Resp: 13434
Ion Ratio Lower Upper
106 100
91 220.9 159.0 295.4

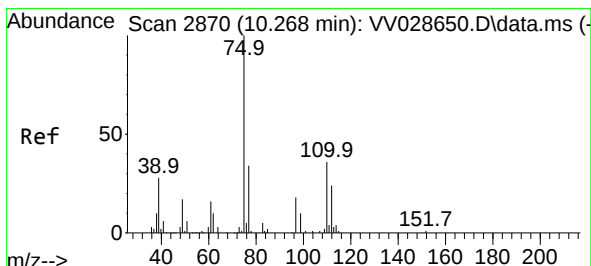
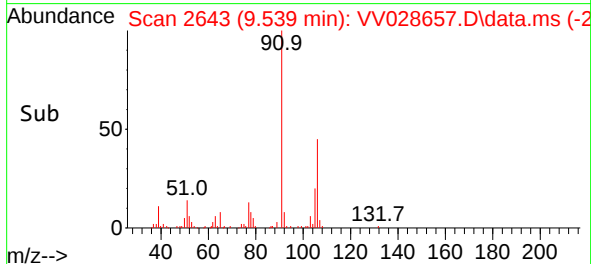
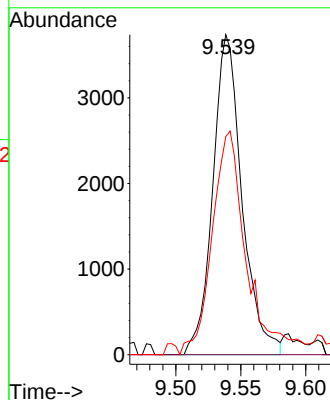
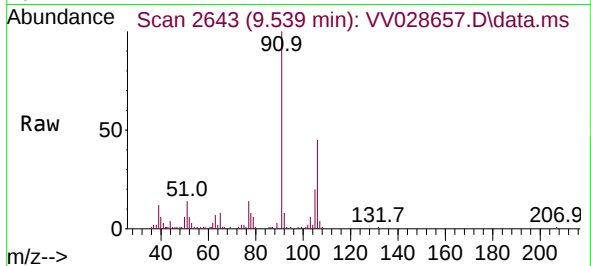




#60
Isopropylbenzene
Concen: 0.107 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. -0.382 min
Lab File: VV028657.D
Acq: 21 Oct 2022 13:05

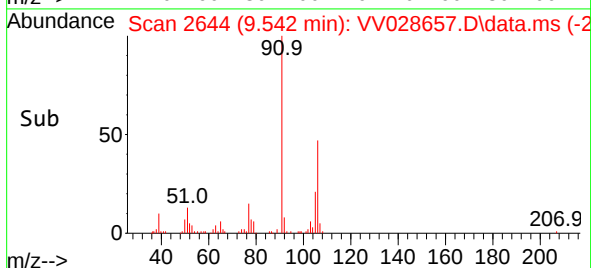
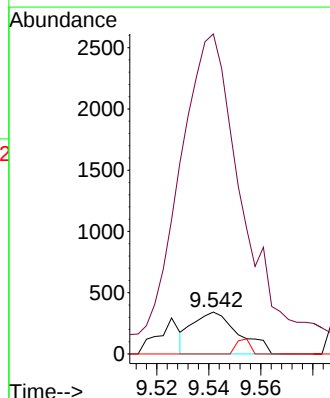
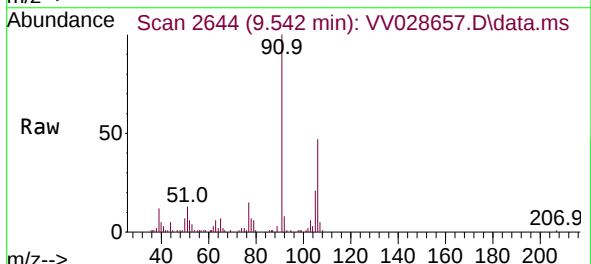
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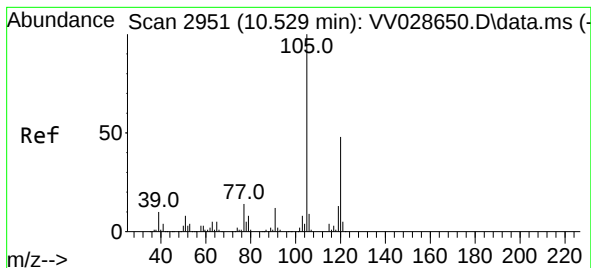
Tgt Ion:105 Resp: 5842
Ion Ratio Lower Upper
105 100
120 0.0 20.1 30.1#
77 81.8 13.4 20.0#



#61
1,2,3-Trichloropropane
Concen: 0.060 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.727 min
Lab File: VV028657.D
Acq: 21 Oct 2022 13:05

Tgt Ion: 75 Resp: 425
Ion Ratio Lower Upper
75 100
77 1124.2 25.2 37.8#
110 10.4 27.9 41.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.180 ug/L

RT: 10.532 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV028657.D

Acq: 21 Oct 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

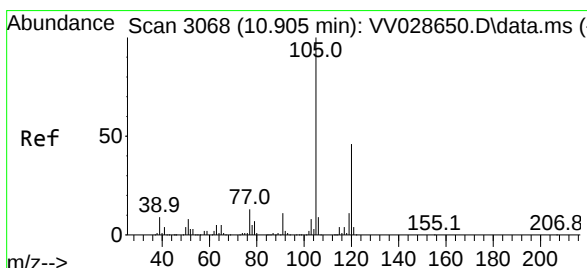
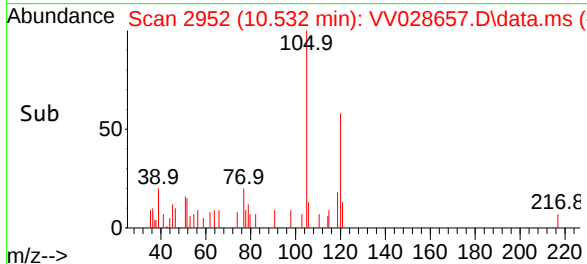
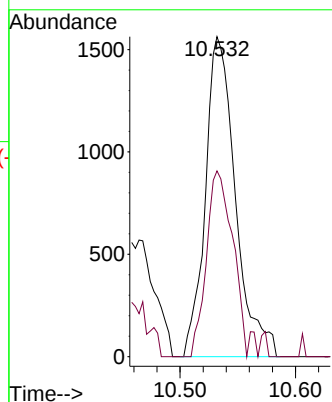
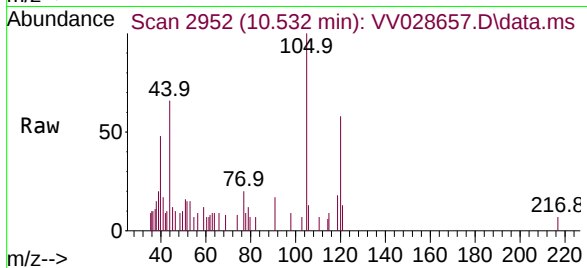
BD716

Tgt Ion:105 Resp: 2828

Ion Ratio Lower Upper

105 100

120 50.5 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 0.074 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.007 min

Lab File: VV028657.D

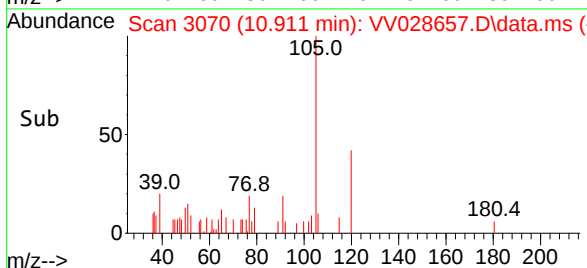
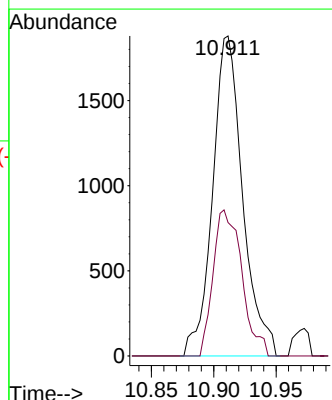
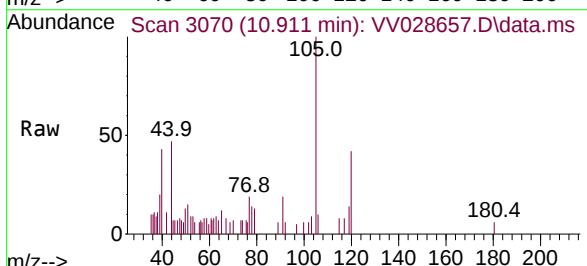
Acq: 21 Oct 2022 13:05

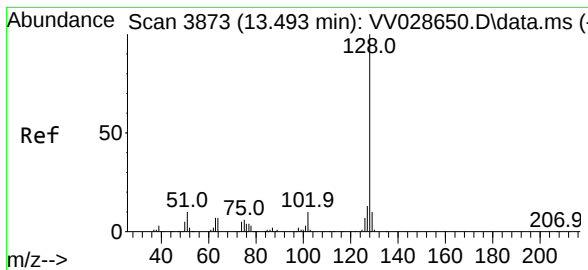
Tgt Ion:105 Resp: 3152

Ion Ratio Lower Upper

105 100

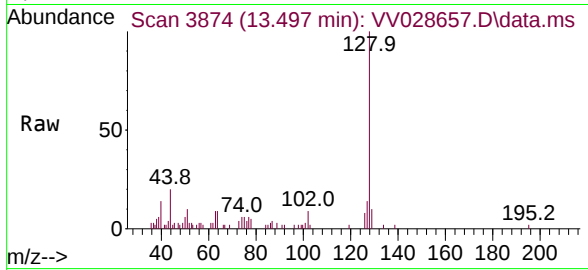
120 43.6 36.2 54.2





#71
Naphthalene
Concen: 0.462 ug/L
RT: 13.497 min Scan# 3874
Delta R.T. 0.003 min
Lab File: VV028657.D
Acq: 21 Oct 2022 13:05

Instrument :
MSVOA_V
ClientSampleId :
BD716



Tgt Ion:	128	Resp:	9505
Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.9	13.3
127	15.1	10.2	15.4

