

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034055.D
 Acq On : 08 Feb 2024 13:44
 Operator : SY/MD
 Sample : P1383-22
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 00:42:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 00:39:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

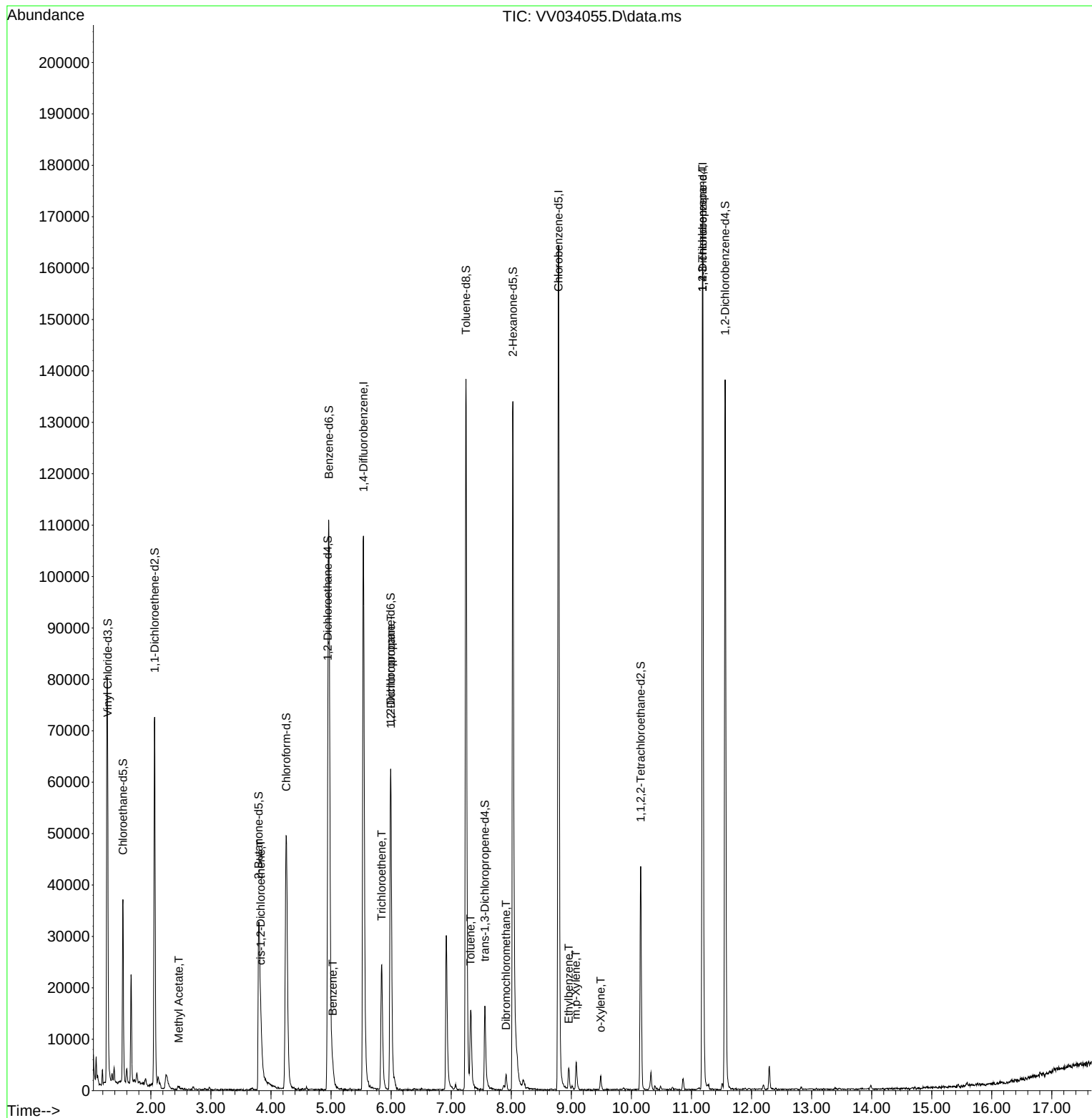
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	95806	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	87435	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	43828	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	22777	3.070	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.400%
7) Chloroethane-d5	1.536	69	22239	3.422	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.400%
11) 1,1-Dichloroethene-d2	2.063	65	12015	3.358	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	3.796	46	53214	42.702	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.400%
24) Chloroform-d	4.252	84	53906	3.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	4.947	65	28585	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	4.963	84	99957	3.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	5.992	67	29532	4.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.246	98	92396	3.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	7.561	79	10877	3.928	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.027	63	47343	47.897	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.800%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	19991	4.497	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	34564	4.336	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
15) Methyl Acetate	2.465	43	408	0.182	ug/L #	53
22) cis-1,2-Dichloroethene	3.831	96	1328	0.172	ug/L	81
33) Benzene	5.027	78	4387	0.167	ug/L	100
34) Trichloroethene	5.841	95	8652	1.140	ug/L	97
37) 1,2-Dichloropropane	5.995	63	4075	0.641	ug/L #	87
42) Toluene	7.323	91	12703	0.453	ug/L	98
49) Dibromochloromethane	7.915	129	646	0.139	ug/L #	11
52) Ethylbenzene	8.956	91	3752	0.116	ug/L	96
53) m,p-Xylene	9.079	106	1838	0.151	ug/L	92
54) o-Xylene	9.487	106	1002	0.085	ug/L	76
61) 1,2,3-Trichloropropane	11.185	75	5383	1.787	ug/L #	64

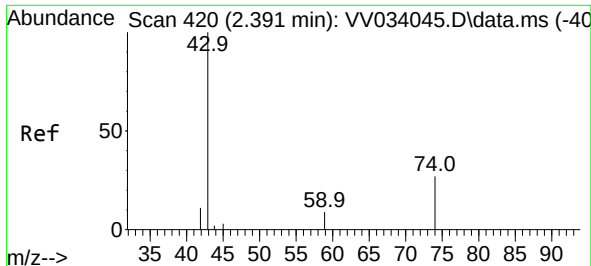
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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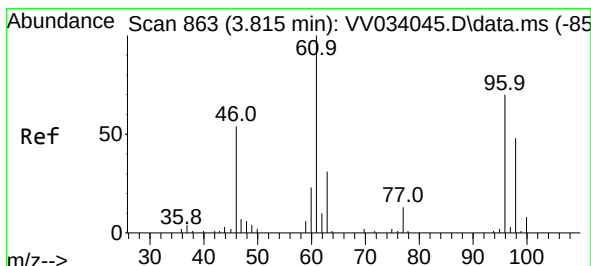
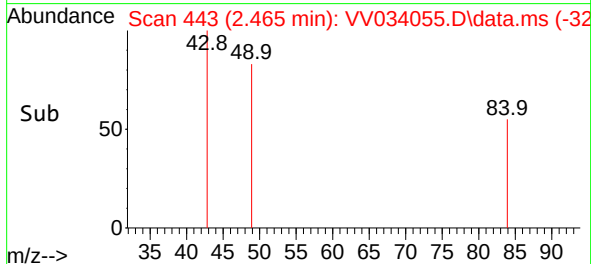
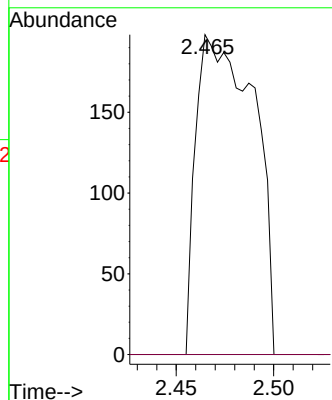
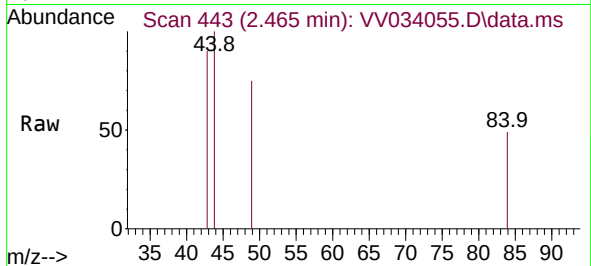




#15
Methyl Acetate
Concen: 0.182 ug/L
RT: 2.465 min Scan# 443
Delta R.T. 0.074 min
Lab File: VV034055.D
Acq: 08 Feb 2024 13:44

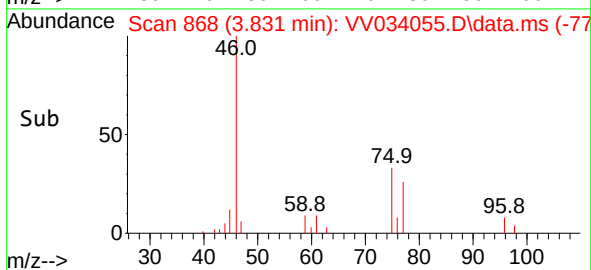
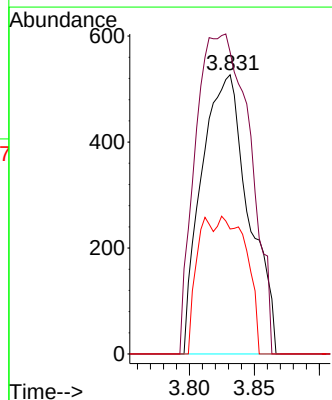
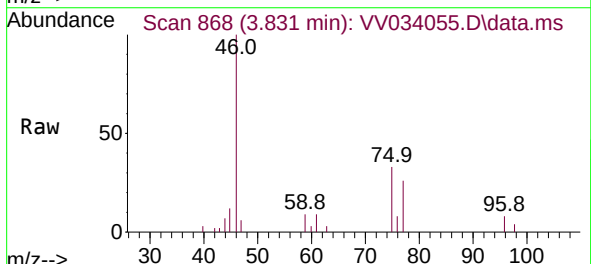
Instrument :
MSVOA_V
ClientSampleId :

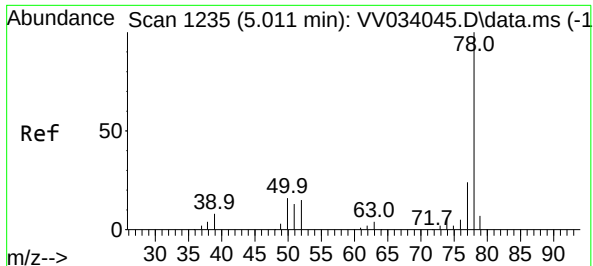
Tgt Ion: 43 Resp: 408
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#22
cis-1,2-Dichloroethene
Concen: 0.172 ug/L
RT: 3.831 min Scan# 868
Delta R.T. 0.016 min
Lab File: VV034055.D
Acq: 08 Feb 2024 13:44

Tgt Ion: 96 Resp: 1328
Ion Ratio Lower Upper
96 100
61 108.2 90.3 167.7
98 44.8 43.2 80.2

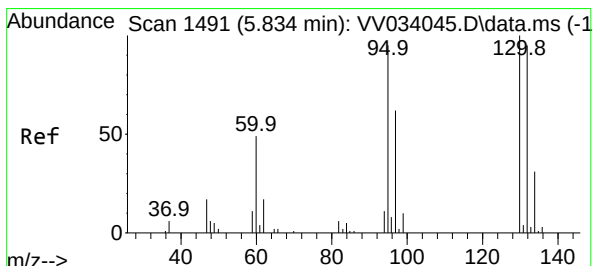
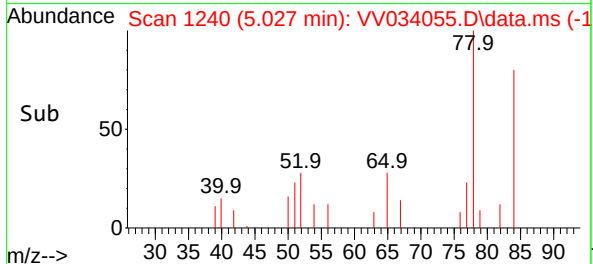
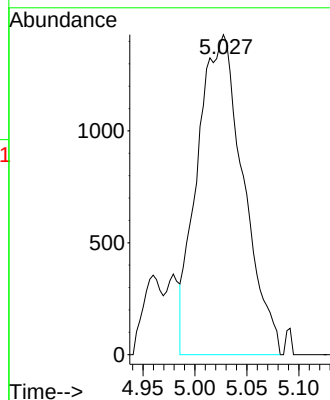
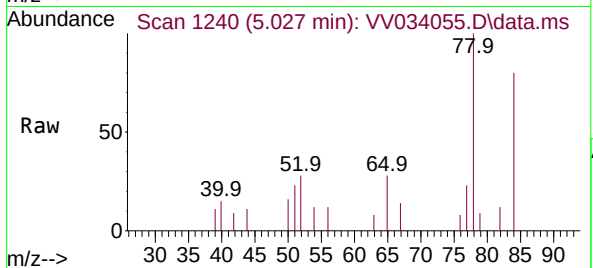




#33
Benzene
Concen: 0.167 ug/L
RT: 5.027 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV034055.D
Acq: 08 Feb 2024 13:44

Instrument :
MSVOA_V
ClientSampleId :

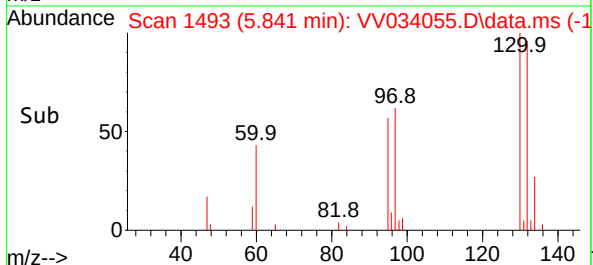
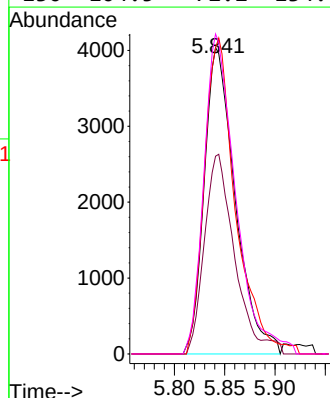
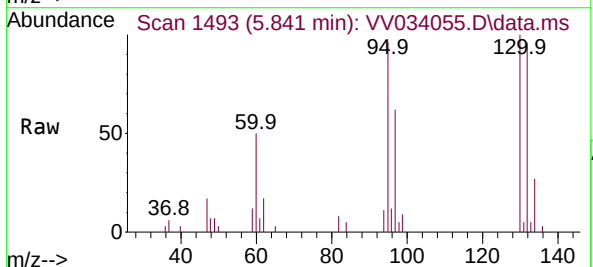
Tgt Ion: 78 Resp: 4387

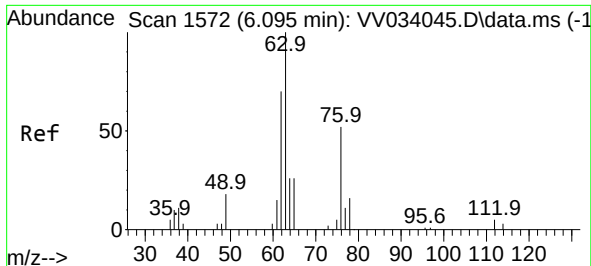


#34
Trichloroethene
Concen: 1.140 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV034055.D
Acq: 08 Feb 2024 13:44

Tgt Ion: 95 Resp: 8652

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.1	83.7
132	99.9	66.0	122.6
130	104.5	72.2	134.0





#37

1,2-Dichloropropane

Concen: 0.641 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV034055.D

Acq: 08 Feb 2024 13:44

Instrument :

MSVOA_V

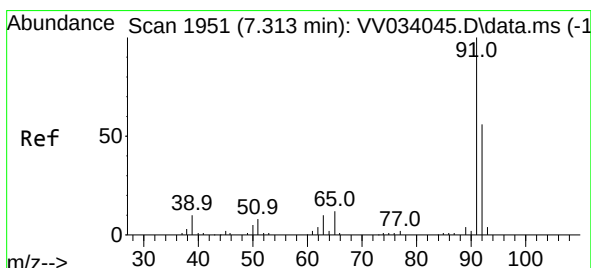
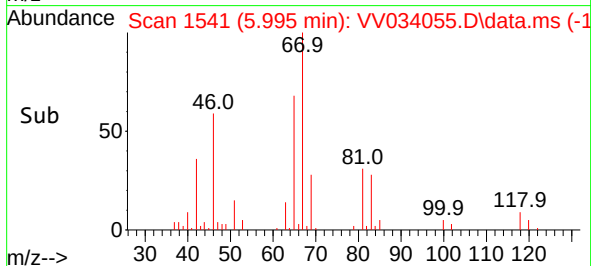
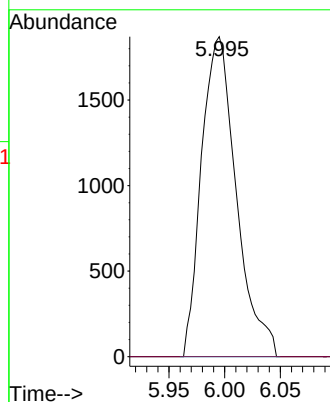
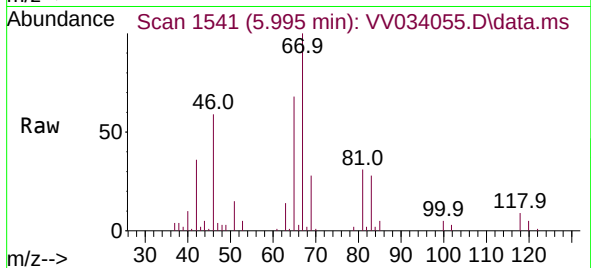
ClientSampleId :

Tgt Ion: 63 Resp: 4075

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#42

Toluene

Concen: 0.453 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.010 min

Lab File: VV034055.D

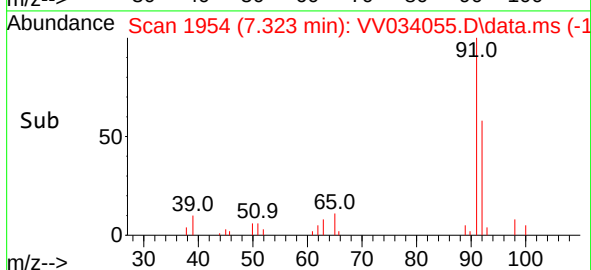
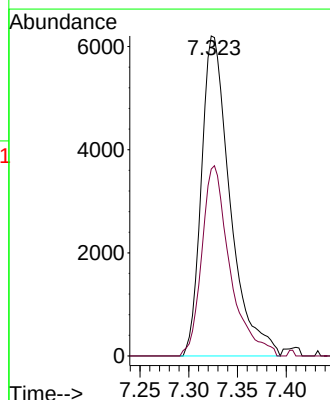
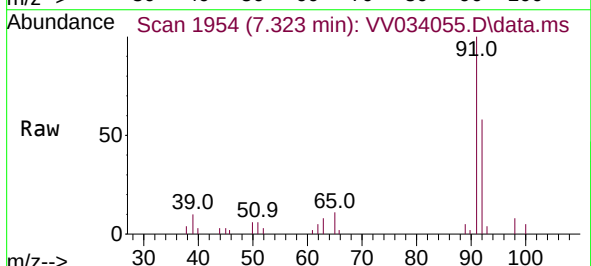
Acq: 08 Feb 2024 13:44

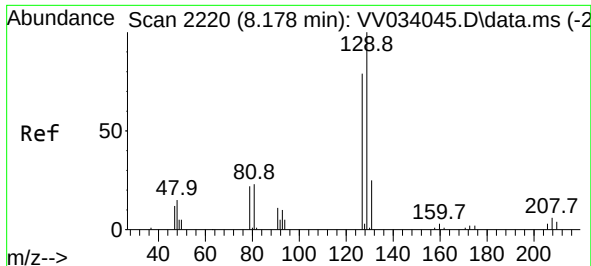
Tgt Ion: 91 Resp: 12703

Ion Ratio Lower Upper

91 100

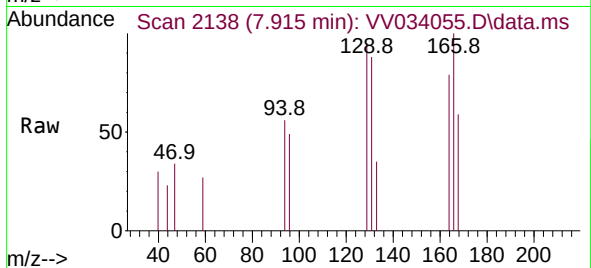
92 58.4 42.1 78.3



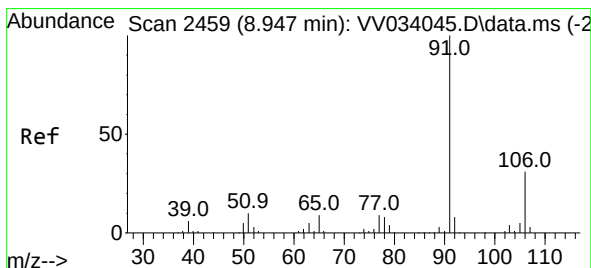
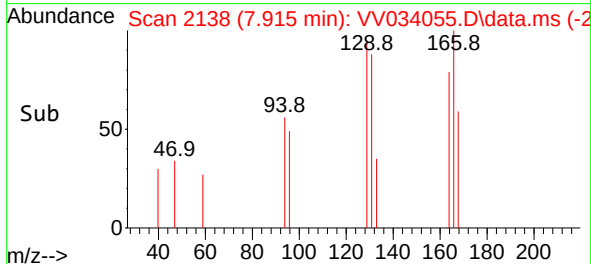
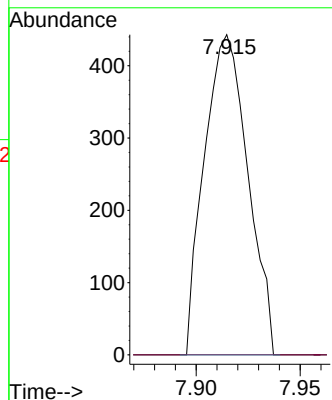


#49
Dibromochloromethane
Concen: 0.139 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.264 min
Lab File: VV034055.D
Acq: 08 Feb 2024 13:44

Instrument :
MSVOA_V
ClientSampleId :

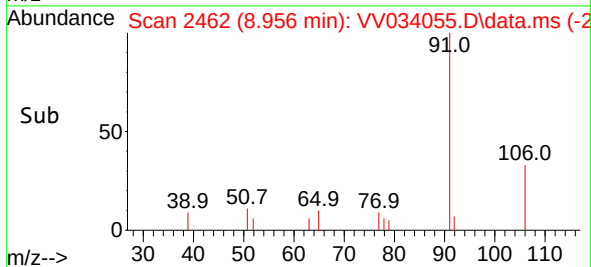
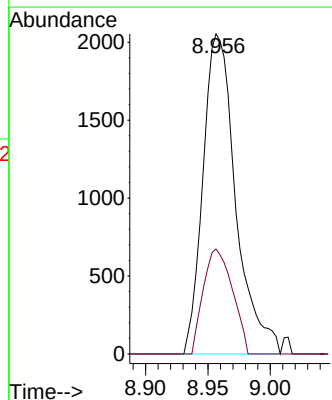
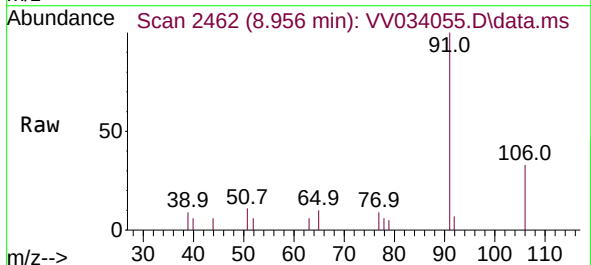


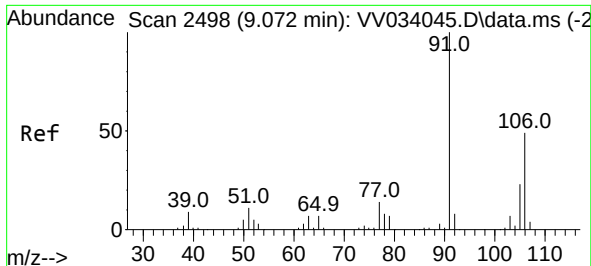
Tgt Ion:129 Resp: 646
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#



#52
Ethylbenzene
Concen: 0.116 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.010 min
Lab File: VV034055.D
Acq: 08 Feb 2024 13:44

Tgt Ion: 91 Resp: 3752
Ion Ratio Lower Upper
91 100
106 32.8 21.4 39.8

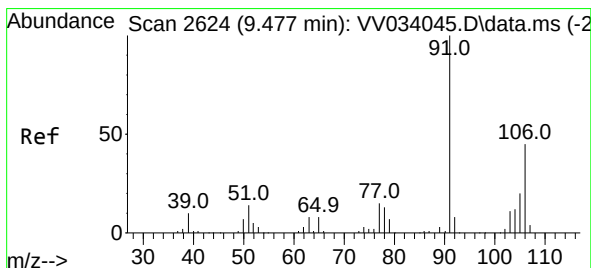
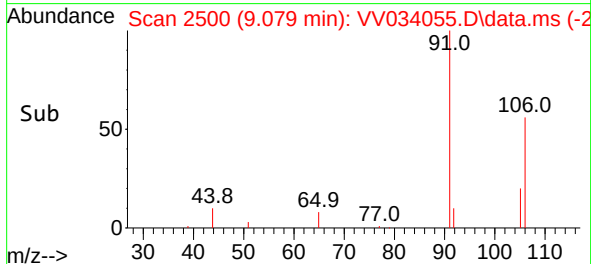
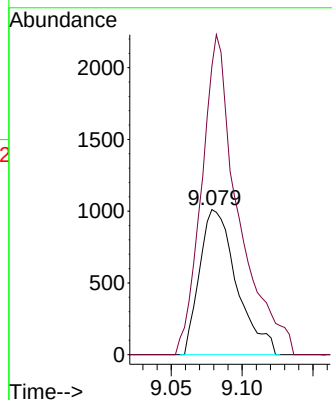
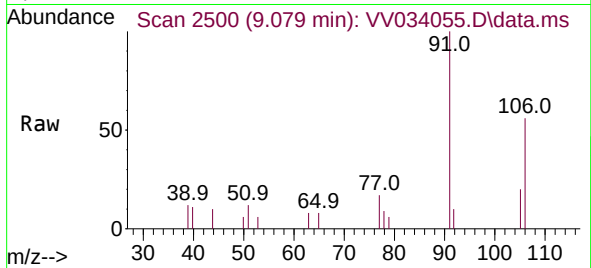




#53
m,p-Xylene
Concen: 0.151 ug/L
RT: 9.079 min Scan# 2498
Delta R.T. 0.006 min
Lab File: VV034055.D
Acq: 08 Feb 2024 13:44

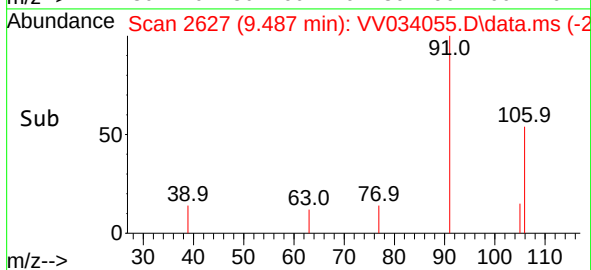
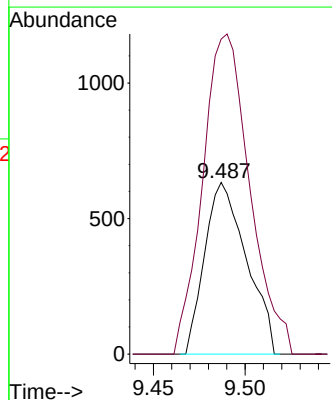
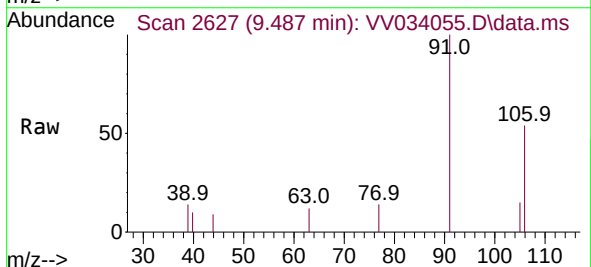
Instrument :
MSVOA_V
ClientSampleId :

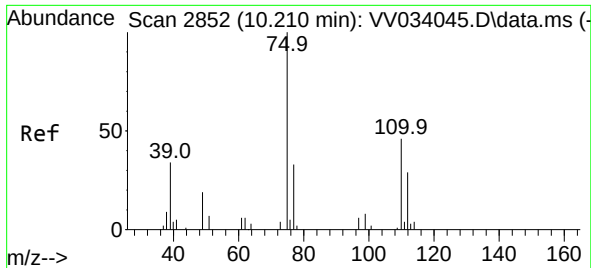
Tgt Ion:106 Resp: 1838
Ion Ratio Lower Upper
106 100
91 198.7 147.5 273.9



#54
o-Xylene
Concen: 0.085 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.010 min
Lab File: VV034055.D
Acq: 08 Feb 2024 13:44

Tgt Ion:106 Resp: 1002
Ion Ratio Lower Upper
106 100
91 183.6 156.2 290.0





#61

1,2,3-Trichloropropane

Concen: 1.787 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.974 min

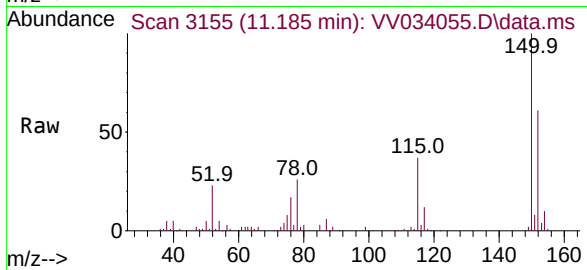
Lab File: VV034055.D

Acq: 08 Feb 2024 13:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5383

Ion Ratio Lower Upper

75 100

77 36.3 26.9 40.3

110 3.6 33.3 49.9#

