

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
 Data File : VV034116.D
 Acq On : 09 Feb 2024 16:51
 Operator : SY/MD
 Sample : P1384-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0YD1

Quant Time: Feb 09 23:16:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 22:58:56 2024
 Response via : Initial Calibration

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

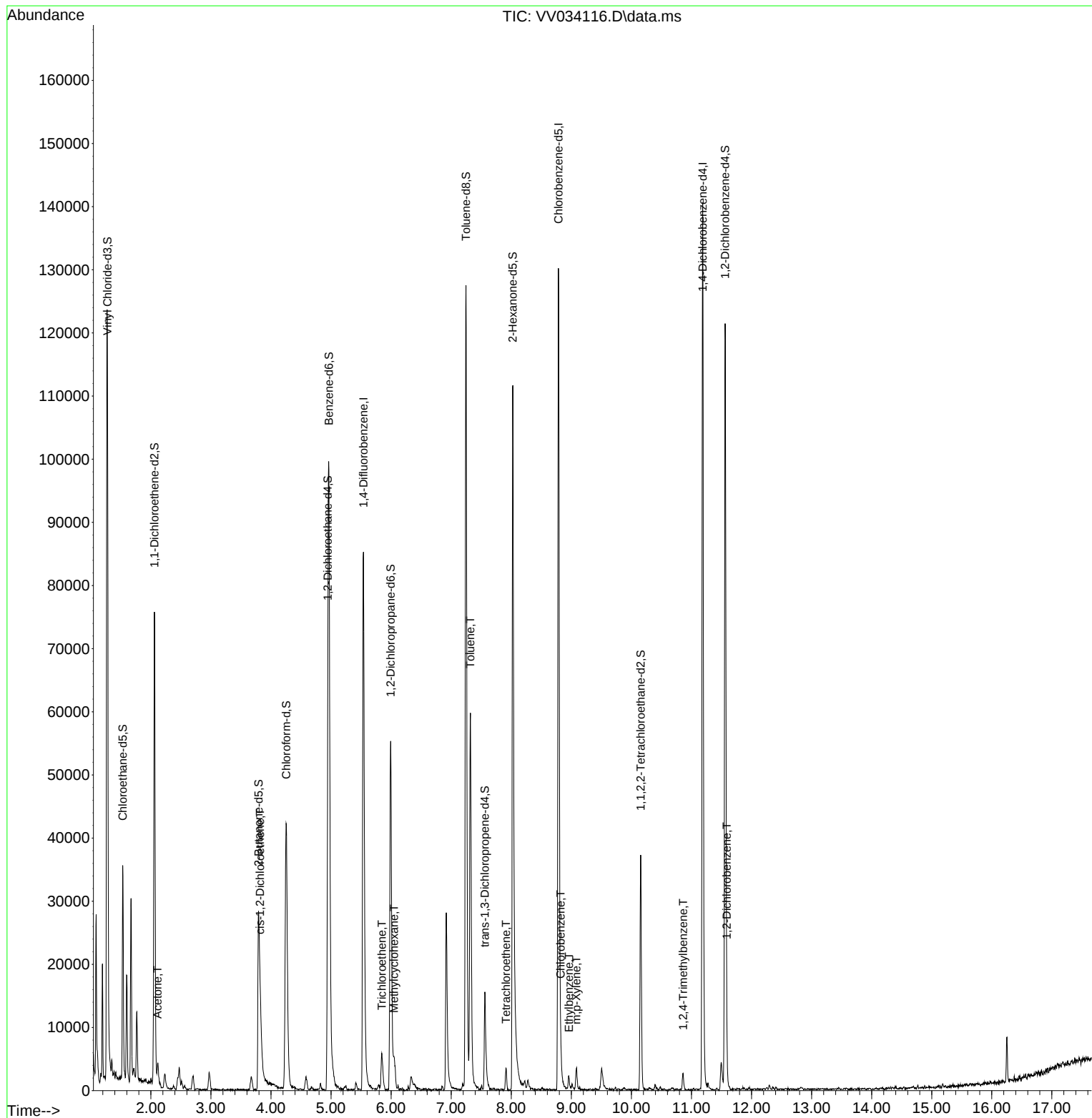
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	74361	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	69979	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	36308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25242	4.383	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.532	69	21461	4.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.060	65	12532	4.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	3.793	46	44549	46.059	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.120%
24) Chloroform-d	4.253	84	45506	4.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	4.947	65	23573	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	4.963	84	90567	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	5.992	67	25994	4.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.246	98	85203	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.561	79	10398	4.692	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.024	63	40275	50.910	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.820%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	17043	4.790	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	30918	4.682	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
13) Acetone	2.114	43	3583	4.883	ug/L #	47
22) cis-1,2-Dichloroethene	3.818	96	1960	0.327	ug/L	82
34) Trichloroethene	5.847	95	2309	0.380	ug/L	89
35) Methylcyclohexane	6.050	83	1950	0.205	ug/L #	67
42) Toluene	7.320	91	44512	1.984	ug/L	92
47) Tetrachloroethene	7.915	164	836	0.169	ug/L	79
51) Chlorobenzene	8.821	112	2730	0.192	ug/L #	87
52) Ethylbenzene	8.960	91	2158	0.084	ug/L	90
53) m,p-Xylene	9.085	106	1159	0.119	ug/L	91
63) 1,2,4-Trimethylbenzene	10.863	105	2060	0.093	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	1903	0.189	ug/L	95

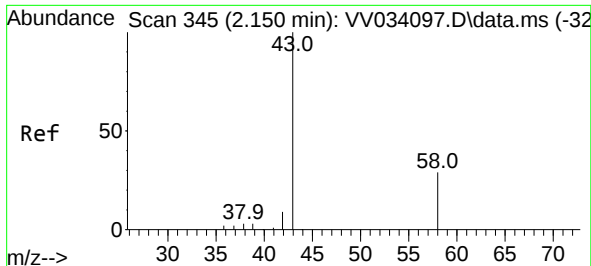
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 09 22:58:56 2024
Response via : Initial Calibration





#13

Acetone

Concen: 4.883 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.035 min

Lab File: VV034116.D

Acq: 09 Feb 2024 16:51

Instrument :

MSVOA_V

ClientSampleId :

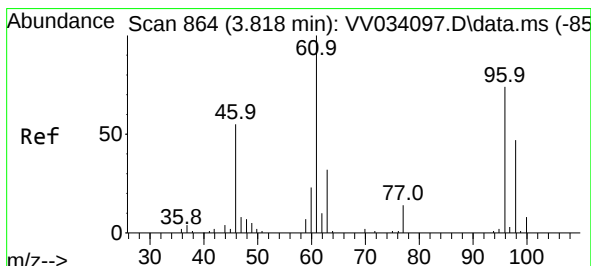
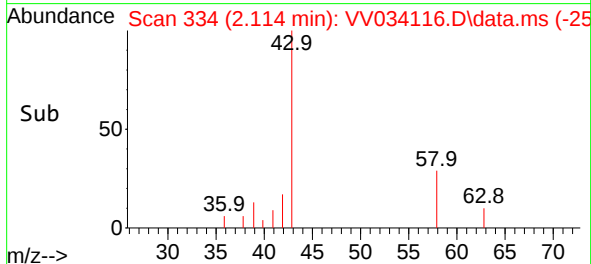
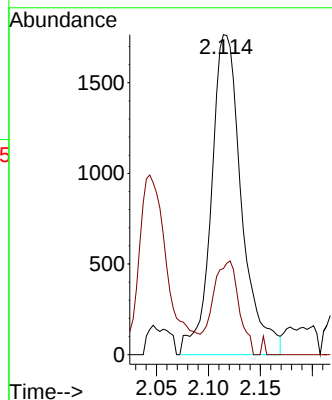
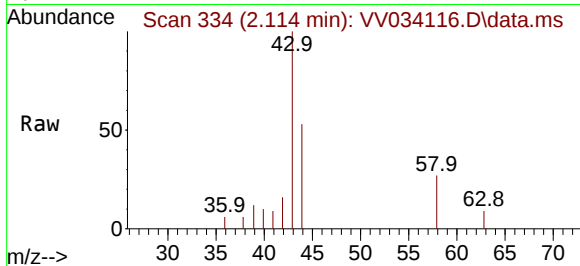
E0YD1

Tgt Ion: 43 Resp: 3583

Ion Ratio Lower Upper

43 100

58 25.2 0.0 13.8#



#22

cis-1,2-Dichloroethene

Concen: 0.327 ug/L

RT: 3.818 min Scan# 864

Delta R.T. -0.000 min

Lab File: VV034116.D

Acq: 09 Feb 2024 16:51

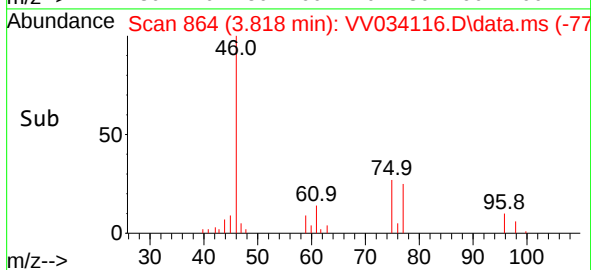
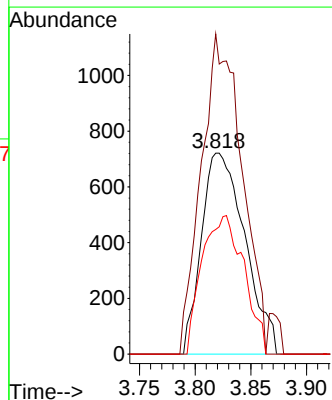
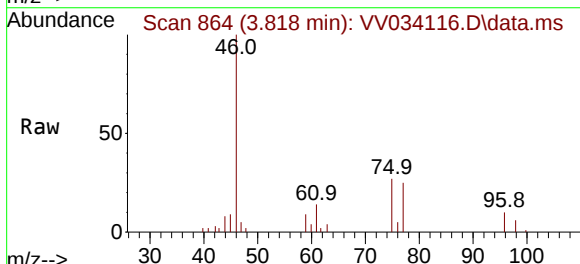
Tgt Ion: 96 Resp: 1960

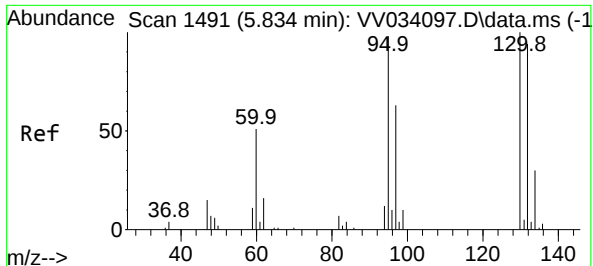
Ion Ratio Lower Upper

96 100

61 159.4 90.3 167.7

98 62.0 43.2 80.2





#34

Trichloroethene

Concen: 0.380 ug/L

RT: 5.847 min Scan# 1491

Delta R.T. 0.013 min

Lab File: VV034116.D

Acq: 09 Feb 2024 16:51

Instrument :

MSVOA_V

ClientSampleId :

E0YD1

Tgt Ion: 95 Resp: 2309

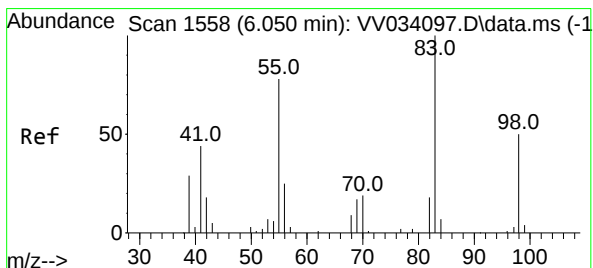
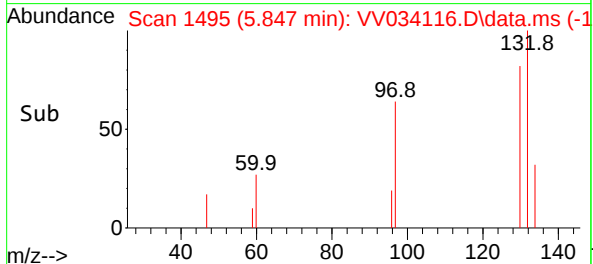
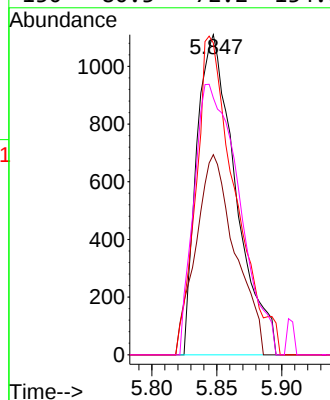
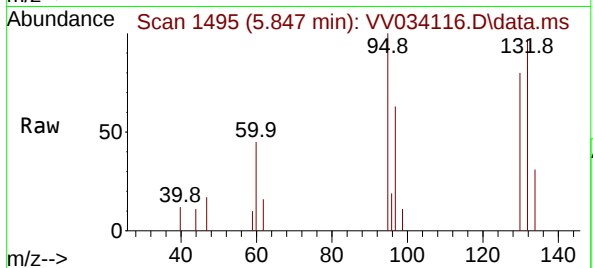
Ion Ratio Lower Upper

95 100

97 62.5 45.1 83.7

132 97.4 66.0 122.6

130 80.3 72.2 134.0



#35

Methylcyclohexane

Concen: 0.205 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV034116.D

Acq: 09 Feb 2024 16:51

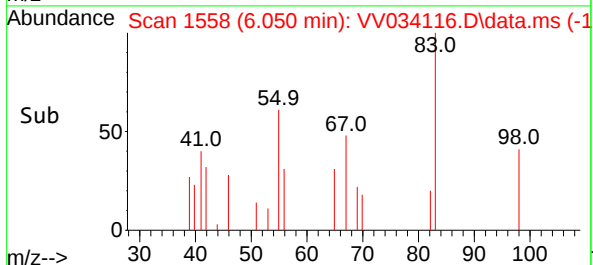
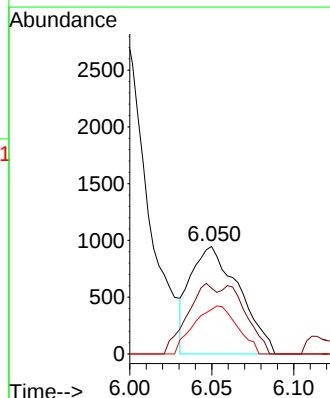
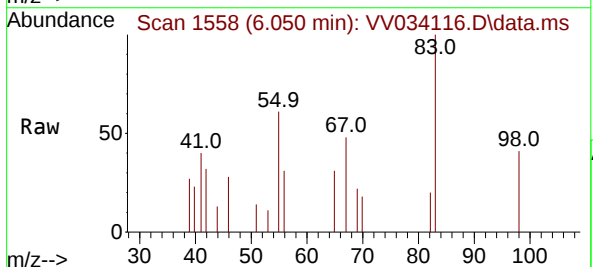
Tgt Ion: 83 Resp: 1950

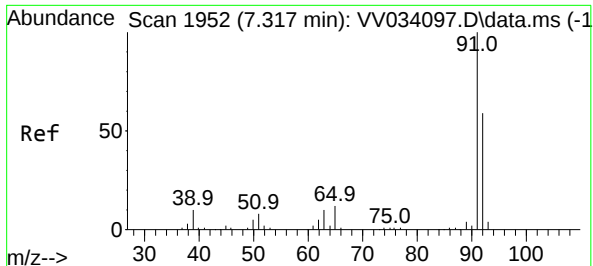
Ion Ratio Lower Upper

83 100

55 39.6 63.5 95.3#

98 39.8 39.0 58.4





#42

Toluene

Concen: 1.984 ug/L

RT: 7.320 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV034116.D

Acq: 09 Feb 2024 16:51

Instrument :

MSVOA_V

ClientSampleId :

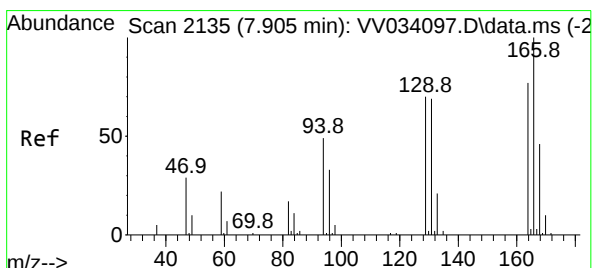
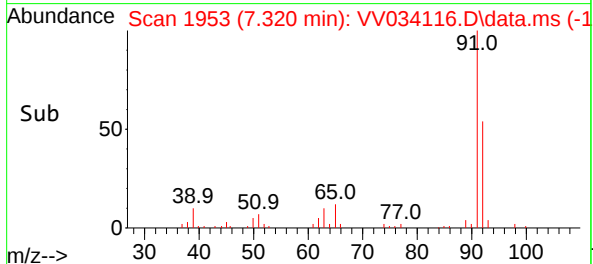
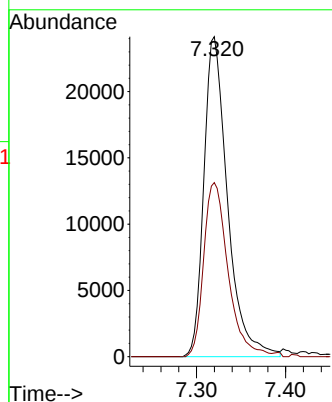
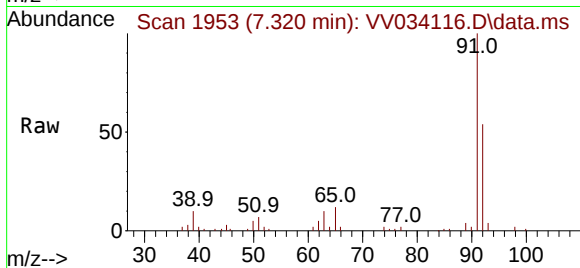
E0YD1

Tgt Ion: 91 Resp: 44512

Ion Ratio Lower Upper

91 100

92 54.4 42.1 78.3



#47

Tetrachloroethene

Concen: 0.169 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.010 min

Lab File: VV034116.D

Acq: 09 Feb 2024 16:51

Tgt Ion: 164 Resp: 836

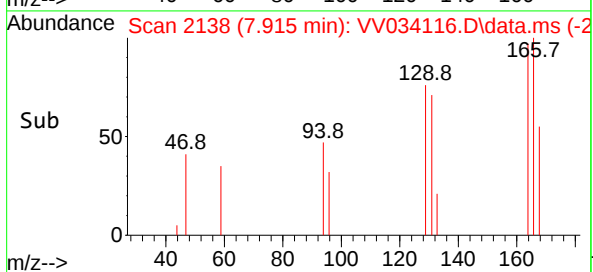
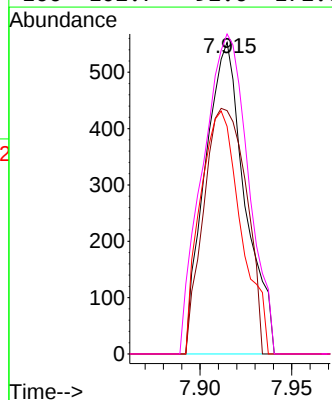
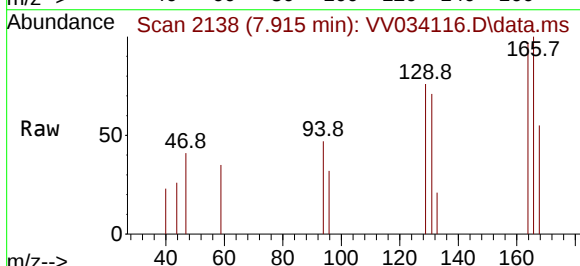
Ion Ratio Lower Upper

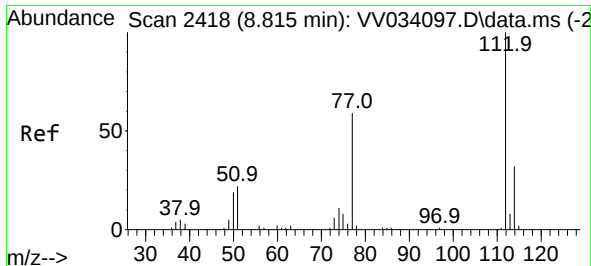
164 100

129 78.1 67.8 125.8

131 73.1 63.0 117.0

166 102.7 92.6 172.0

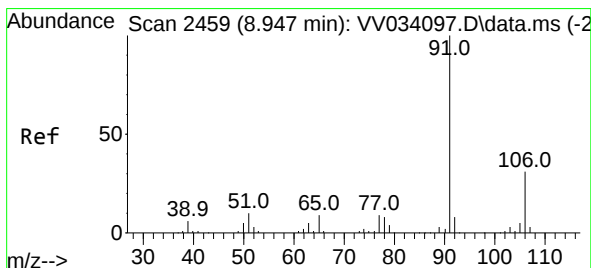
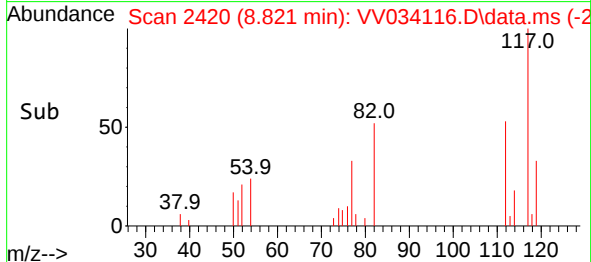
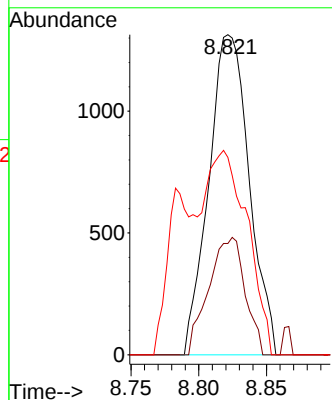
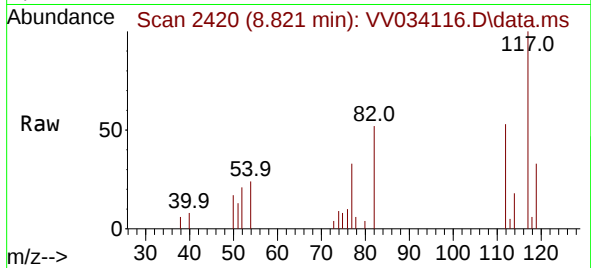




#51
Chlorobenzene
Concen: 0.192 ug/L
RT: 8.821 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV034116.D
Acq: 09 Feb 2024 16:51

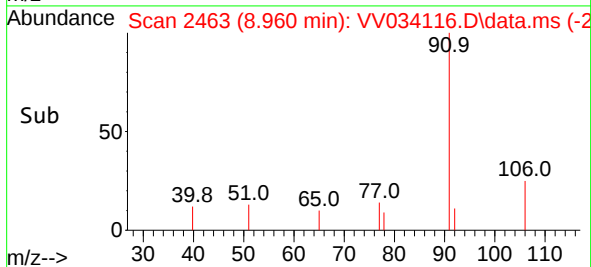
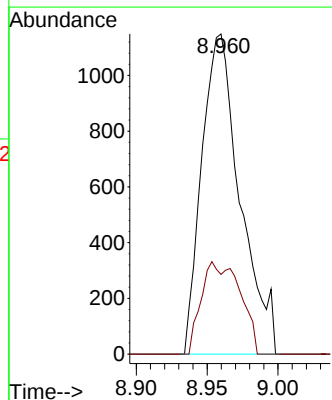
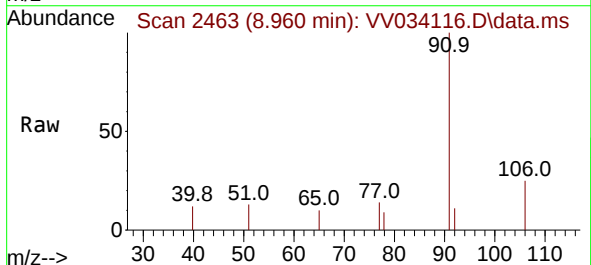
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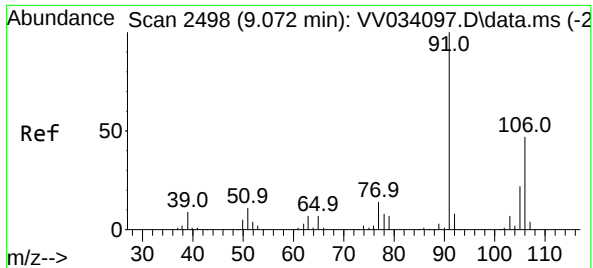
Tgt Ion:	112	Resp:	2730
Ion	Ratio	Lower	Upper
112	100		
114	34.8	22.5	41.7
77	73.8	48.1	72.1#



#52
Ethylbenzene
Concen: 0.084 ug/L
RT: 8.960 min Scan# 2463
Delta R.T. 0.013 min
Lab File: VV034116.D
Acq: 09 Feb 2024 16:51

Tgt Ion:	91	Resp:	2158
Ion	Ratio	Lower	Upper
91	100		
106	24.9	21.4	39.8

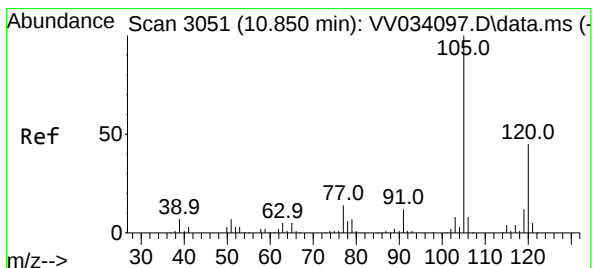
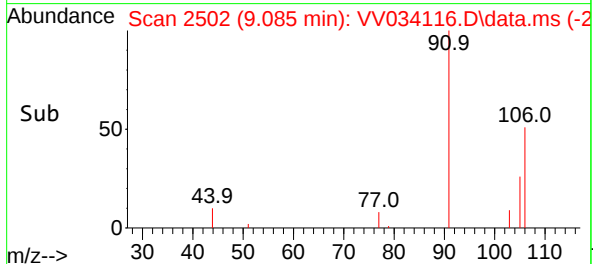
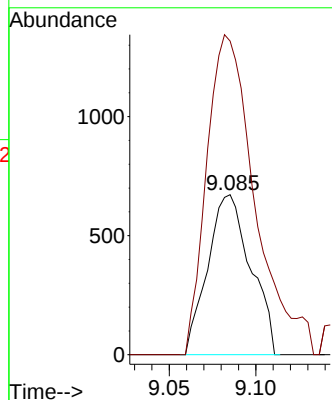
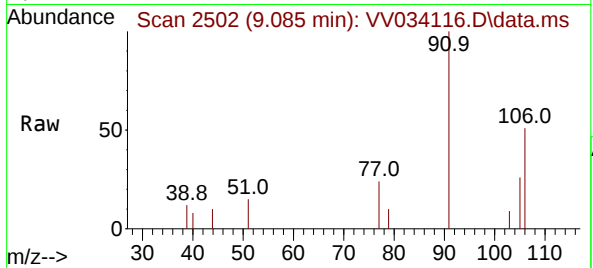




#53
m,p-Xylene
Concen: 0.119 ug/L
RT: 9.085 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV034116.D
Acq: 09 Feb 2024 16:51

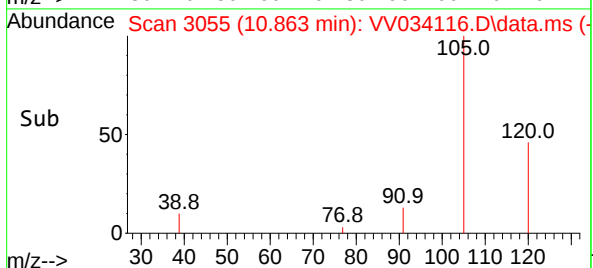
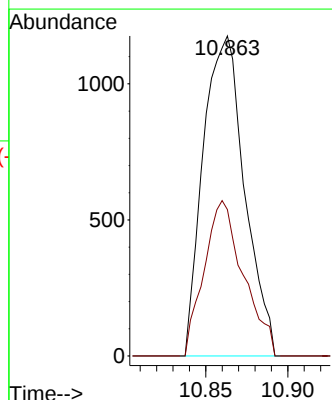
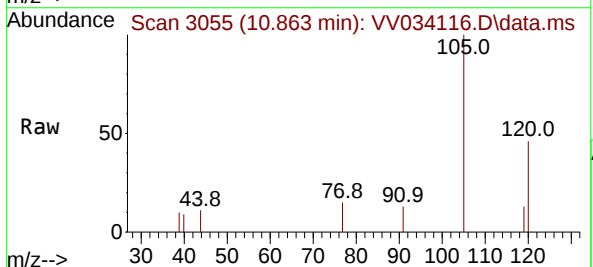
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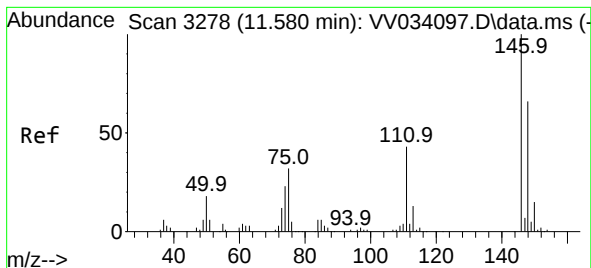
Tgt Ion:106 Resp: 1159
Ion Ratio Lower Upper
106 100
91 196.0 147.5 273.9



#63
1,2,4-Trimethylbenzene
Concen: 0.093 ug/L
RT: 10.863 min Scan# 3055
Delta R.T. 0.013 min
Lab File: VV034116.D
Acq: 09 Feb 2024 16:51

Tgt Ion:105 Resp: 2060
Ion Ratio Lower Upper
105 100
120 46.2 36.2 54.2





#67

1,2-Dichlorobenzene

Concen: 0.189 ug/L

RT: 11.587 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV034116.D

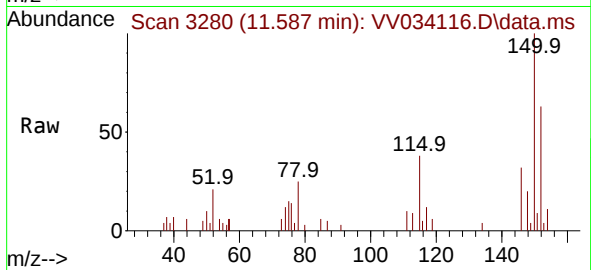
Acq: 09 Feb 2024 16:51

Instrument :

MSVOA_V

ClientSampleId :

E0YD1



Tgt Ion:146 Resp: 1903

Ion Ratio Lower Upper

146 100

111 32.2 31.2 46.8

148 63.3 49.8 74.8

