

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040324\
 Data File : VV034959.D
 Acq On : 03 Apr 2024 16:15
 Operator : SY/MD
 Sample : P1925-19 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 04 02:54:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 02:49:59 2024
 Response via : Initial Calibration

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

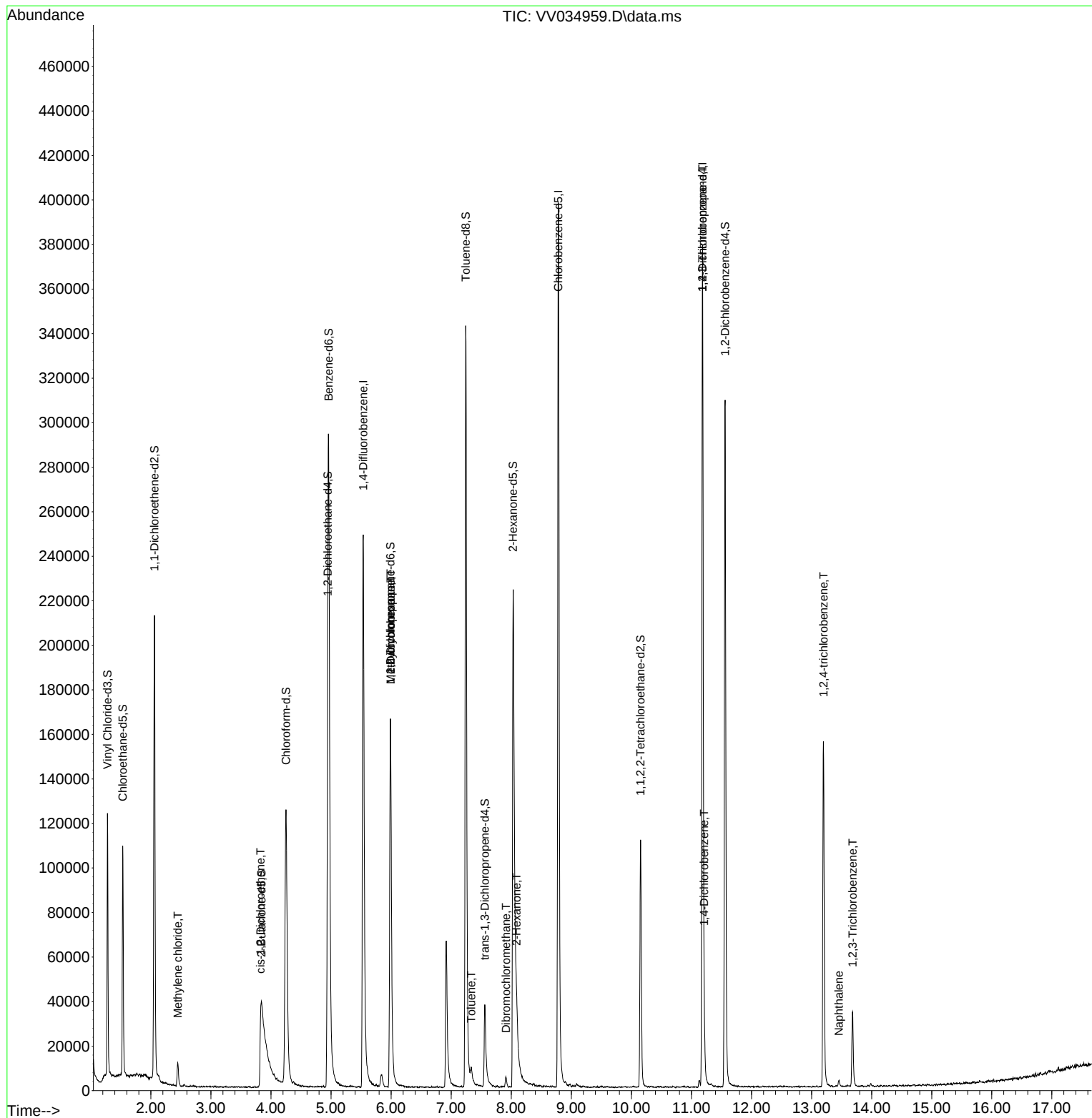
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	223425	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	222813	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	100562	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	75541	4.103	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.532	69	65691	4.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.060	65	36360	4.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	3.841	46	107016	37.145	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.300%
24) Chloroform-d	4.249	84	135629	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	4.944	65	68569	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	4.960	84	278758	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	5.989	67	86275	5.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.243	98	236127	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.561	79	26365	4.339	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.030	63	90402	43.344	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.680%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	57073	4.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	78831	4.977	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						Qvalue
16) Methylene chloride	2.449	84	4228	0.227	ug/L	96
22) cis-1,2-Dichloroethene	3.825	96	2371	0.135	ug/L	94
35) Methylcyclohexane	5.992	83	19613	0.725	ug/L #	19
37) 1,2-Dichloropropane	5.992	63	9296	0.526	ug/L #	87
42) Toluene	7.333	91	5953	0.083	ug/L	99
48) 2-Hexanone	8.088	43	20211	3.355	ug/L #	92
49) Dibromochloromethane	7.912	129	1238	0.091	ug/L #	9
61) 1,2,3-Trichloropropane	11.185	75	14042	1.496	ug/L #	65
65) 1,4-Dichlorobenzene	11.210	146	7104	0.221	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	48909	2.614	ug/L	99
71) Naphthalene	13.455	128	2610	0.099	ug/L #	90
72) 1,2,3-Trichlorobenzene	13.683	180	10994	0.668	ug/L	98

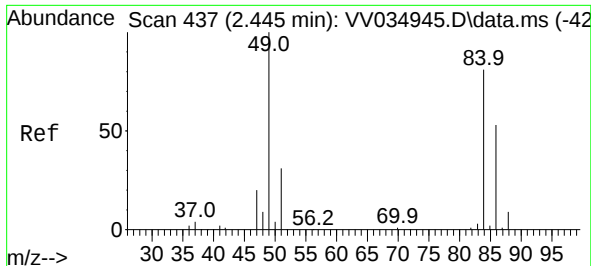
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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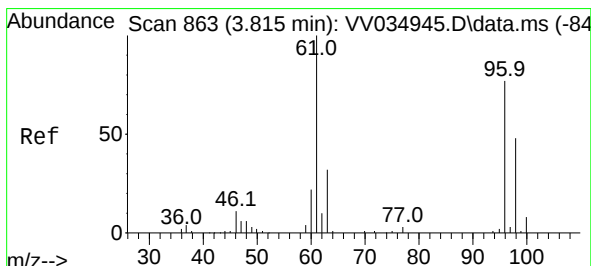
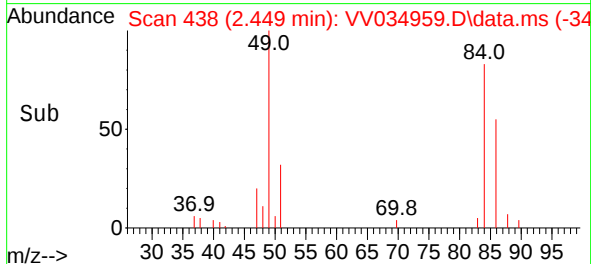
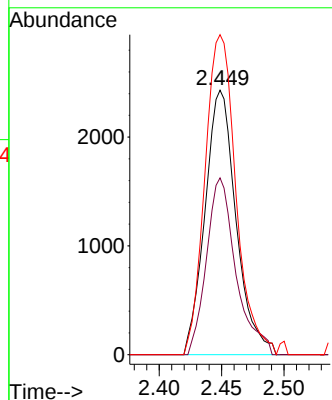
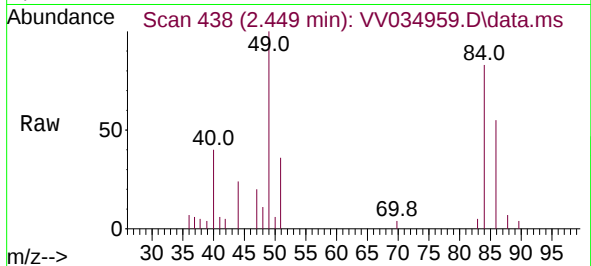




#16
Methylene chloride
Concen: 0.227 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV034959.D
Acq: 03 Apr 2024 16:15

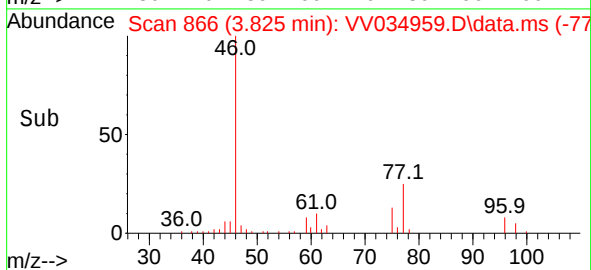
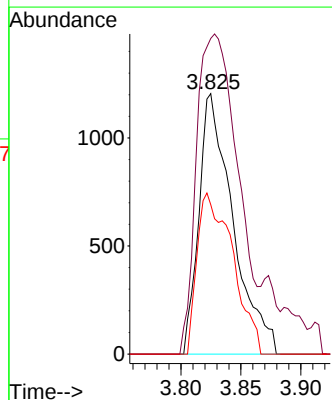
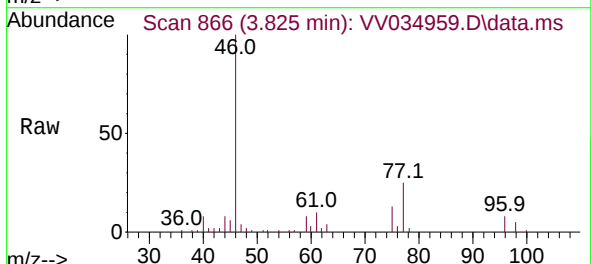
Instrument :
MSVOA_V
ClientSampleId :

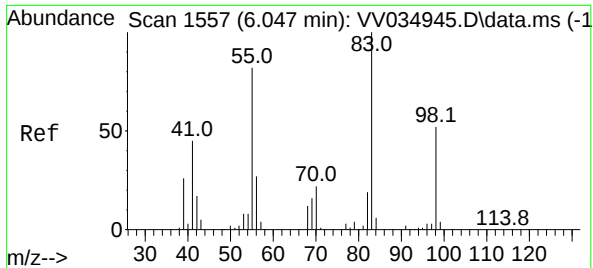
Tgt Ion: 84 Resp: 4228
Ion Ratio Lower Upper
84 100
86 66.9 43.5 80.9
49 121.0 82.5 153.3



#22
cis-1,2-Dichloroethene
Concen: 0.135 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.010 min
Lab File: VV034959.D
Acq: 03 Apr 2024 16:15

Tgt Ion: 96 Resp: 2371
Ion Ratio Lower Upper
96 100
61 121.2 90.3 167.7
98 57.3 42.7 79.3





#35

Methylcyclohexane

Concen: 0.725 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.055 min

Lab File: VV034959.D

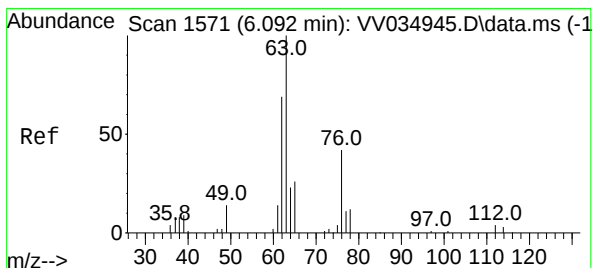
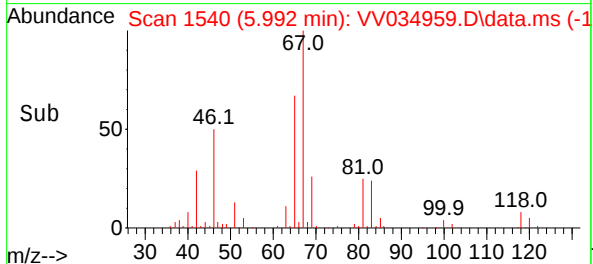
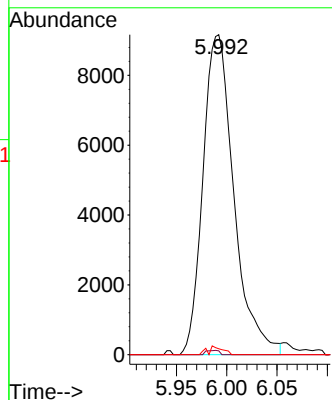
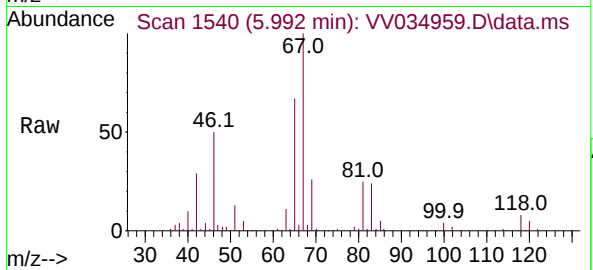
Acq: 03 Apr 2024 16:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	19613
Ion	Ratio	Lower	Upper
83	100		
55	0.6	60.6	91.0#
98	1.0	37.8	56.6#



#37

1,2-Dichloropropane

Concen: 0.526 ug/L

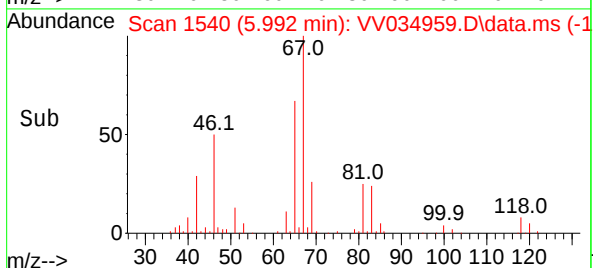
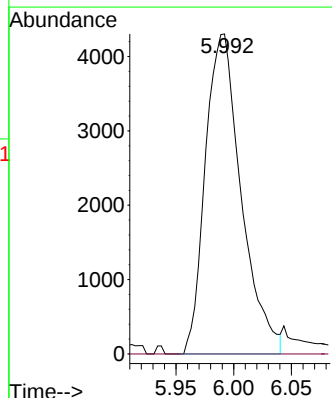
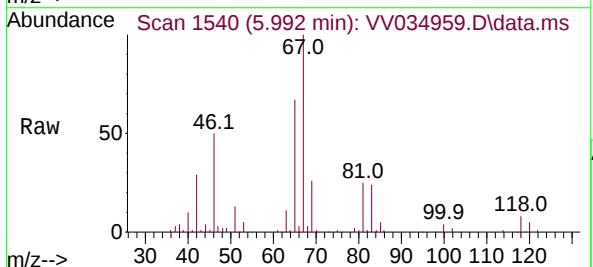
RT: 5.992 min Scan# 1540

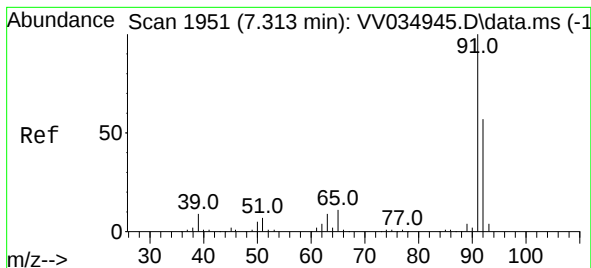
Delta R.T. -0.100 min

Lab File: VV034959.D

Acq: 03 Apr 2024 16:15

Tgt Ion:	63	Resp:	9296
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#





#42

Toluene

Concen: 0.083 ug/L

RT: 7.333 min Scan# 1953

Delta R.T. 0.019 min

Lab File: VV034959.D

Acq: 03 Apr 2024 16:15

Instrument :

MSVOA_V

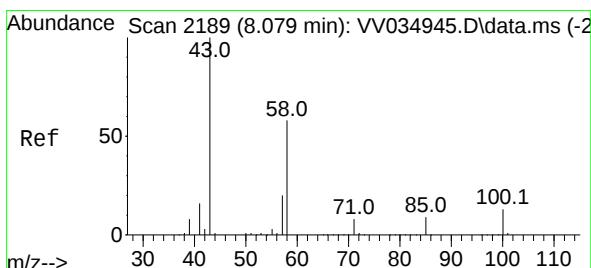
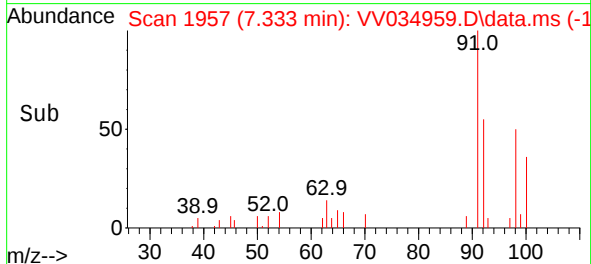
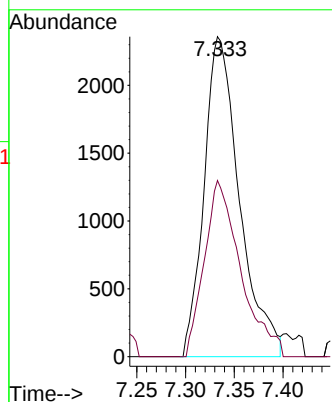
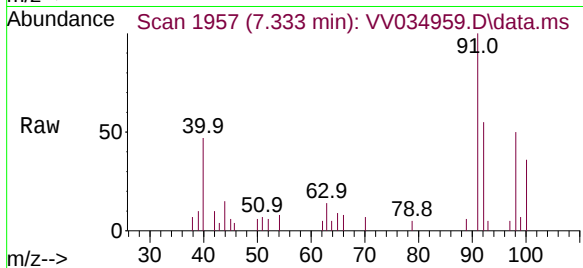
ClientSampleId :

Tgt Ion: 91 Resp: 5953

Ion Ratio Lower Upper

91 100

92 55.1 38.9 72.2



#48

2-Hexanone

Concen: 3.355 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.010 min

Lab File: VV034959.D

Acq: 03 Apr 2024 16:15

Tgt Ion: 43 Resp: 20211

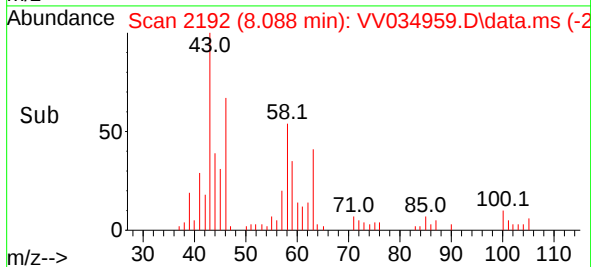
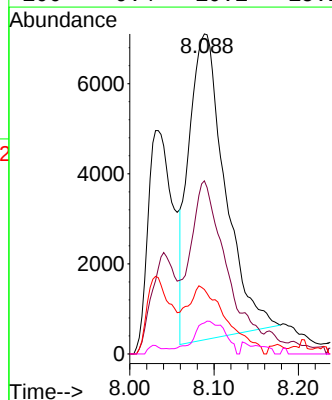
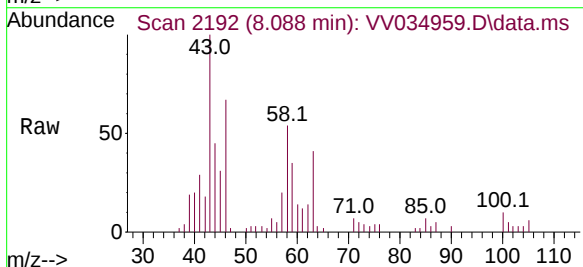
Ion Ratio Lower Upper

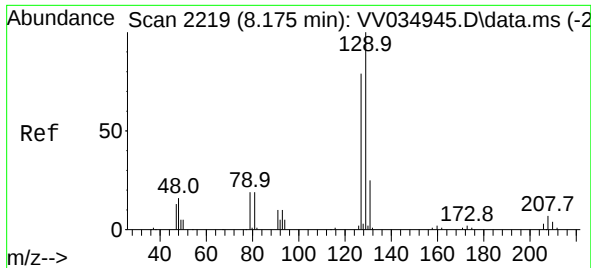
43 100

58 55.3 48.2 72.4

57 24.2 15.6 23.4#

100 9.4 10.1 15.1#





#49

Dibromochloromethane

Concen: 0.091 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. -0.264 min

Lab File: VV034959.D

Acq: 03 Apr 2024 16:15

Instrument :

MSVOA_V

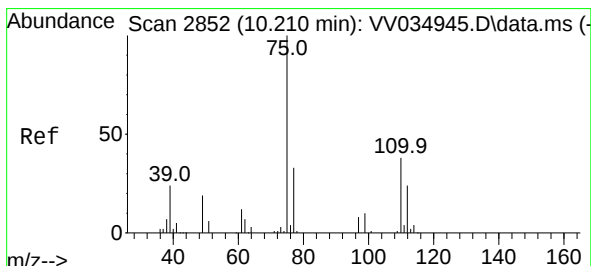
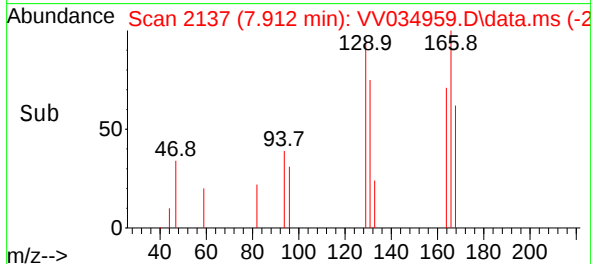
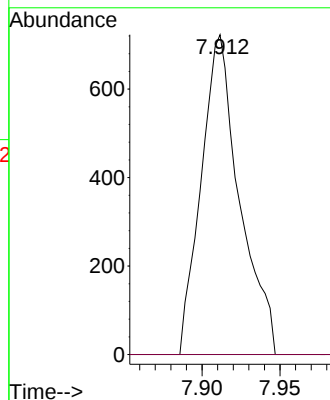
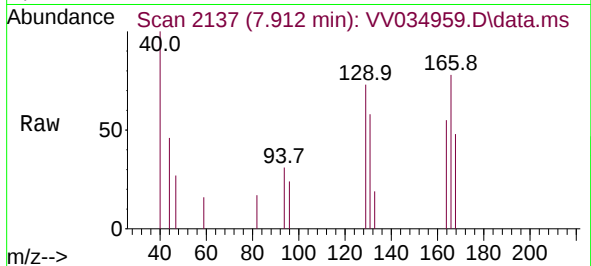
ClientSampleId :

Tgt Ion:129 Resp: 1238

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#61

1,2,3-Trichloropropane

Concen: 1.496 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV034959.D

Acq: 03 Apr 2024 16:15

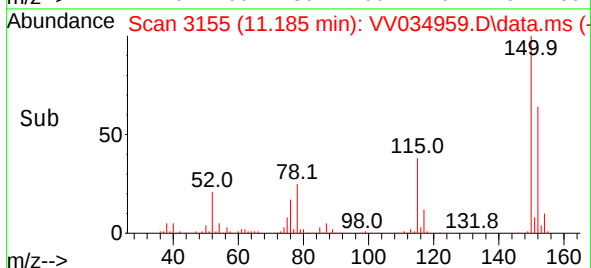
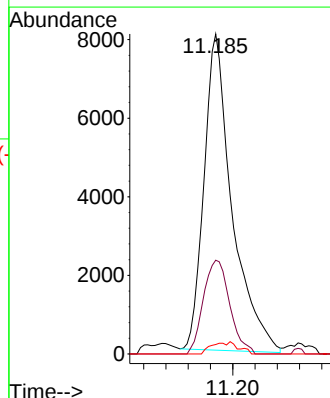
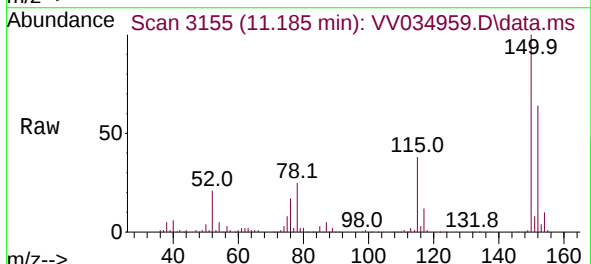
Tgt Ion: 75 Resp: 14042

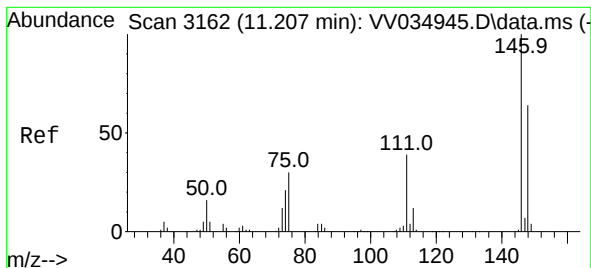
Ion Ratio Lower Upper

75 100

77 27.9 24.8 37.2

110 3.6 31.0 46.6#





#65

1,4-Dichlorobenzene

Concen: 0.221 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV034959.D

Acq: 03 Apr 2024 16:15

Instrument :

MSVOA_V

ClientSampleId :

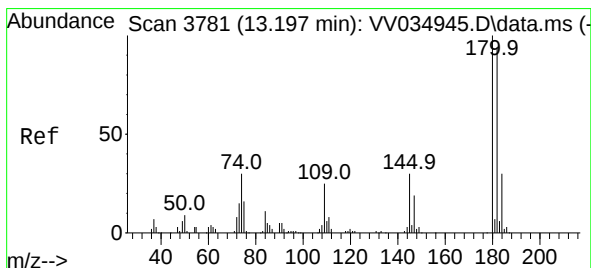
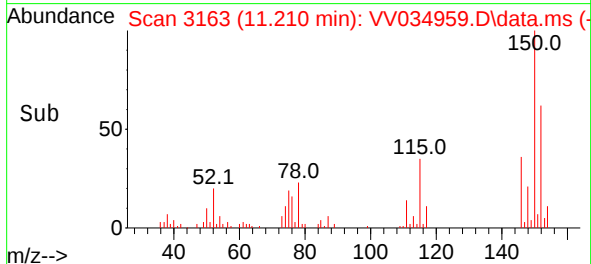
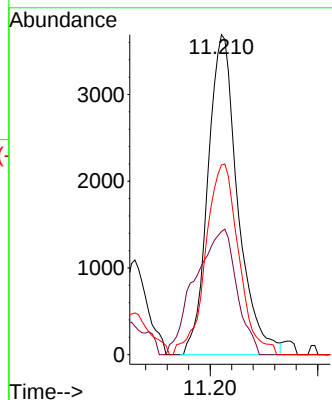
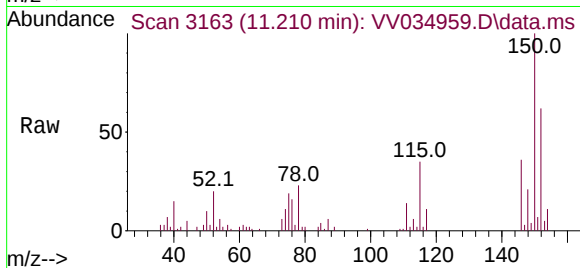
Tgt Ion:146 Resp: 7104

Ion Ratio Lower Upper

146 100

111 38.5 27.3 50.7

148 59.3 43.5 80.7



#70

1,2,4-trichlorobenzene

Concen: 2.614 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034959.D

Acq: 03 Apr 2024 16:15

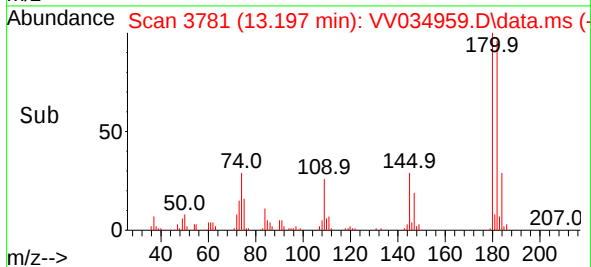
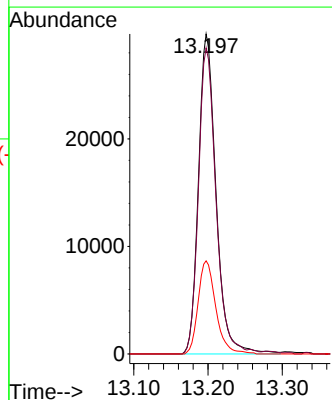
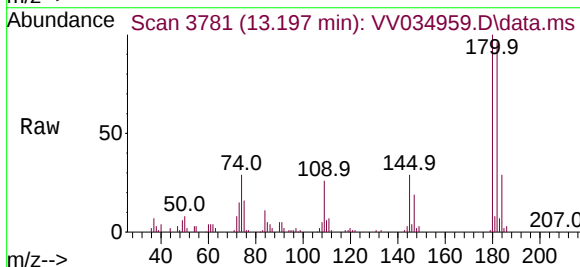
Tgt Ion:180 Resp: 48909

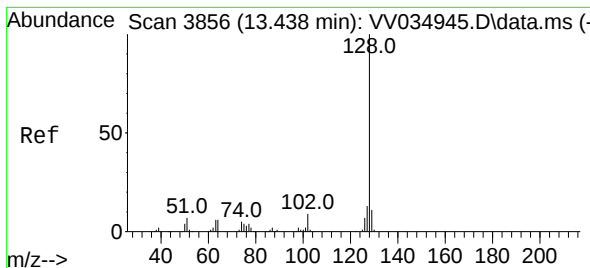
Ion Ratio Lower Upper

180 100

182 95.8 75.3 112.9

145 29.3 23.4 35.0





#71

Naphthalene

Concen: 0.099 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.016 min

Lab File: VV034959.D

Acq: 03 Apr 2024 16:15

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ClientSampleId :

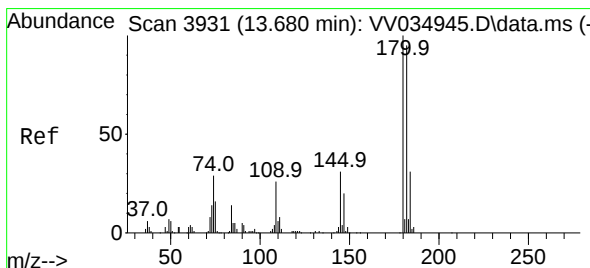
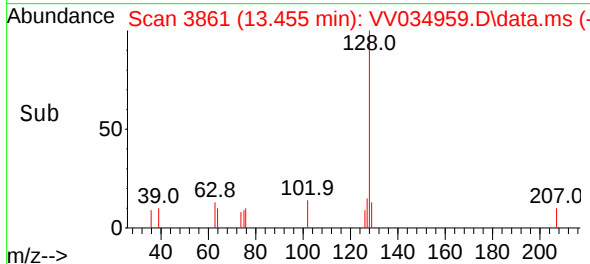
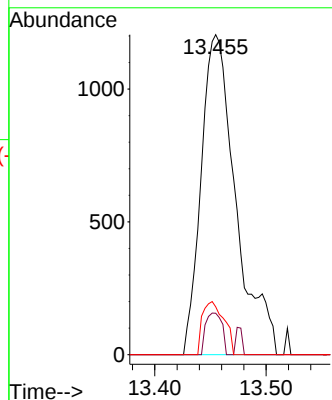
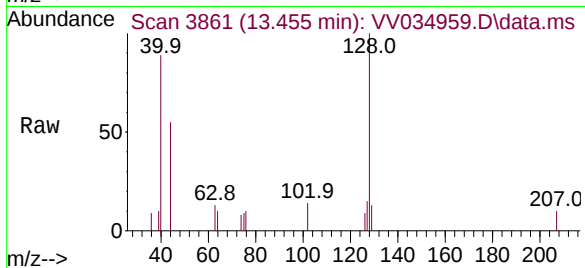
Tgt Ion:128 Resp: 2610

Ion Ratio Lower Upper

128 100

129 6.1 8.6 12.8#

127 10.4 10.7 16.1#



#72

1,2,3-Trichlorobenzene

Concen: 0.668 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV034959.D

Acq: 03 Apr 2024 16:15

Tgt Ion:180 Resp: 10994

Ion Ratio Lower Upper

180 100

182 94.0 77.0 115.4

145 31.9 25.4 38.2

