

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020924\
 Data File : VW034115.D
 Acq On : 09 Feb 2024 16:27
 Operator : SY/MD
 Sample : P1384-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 23:16:12 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)

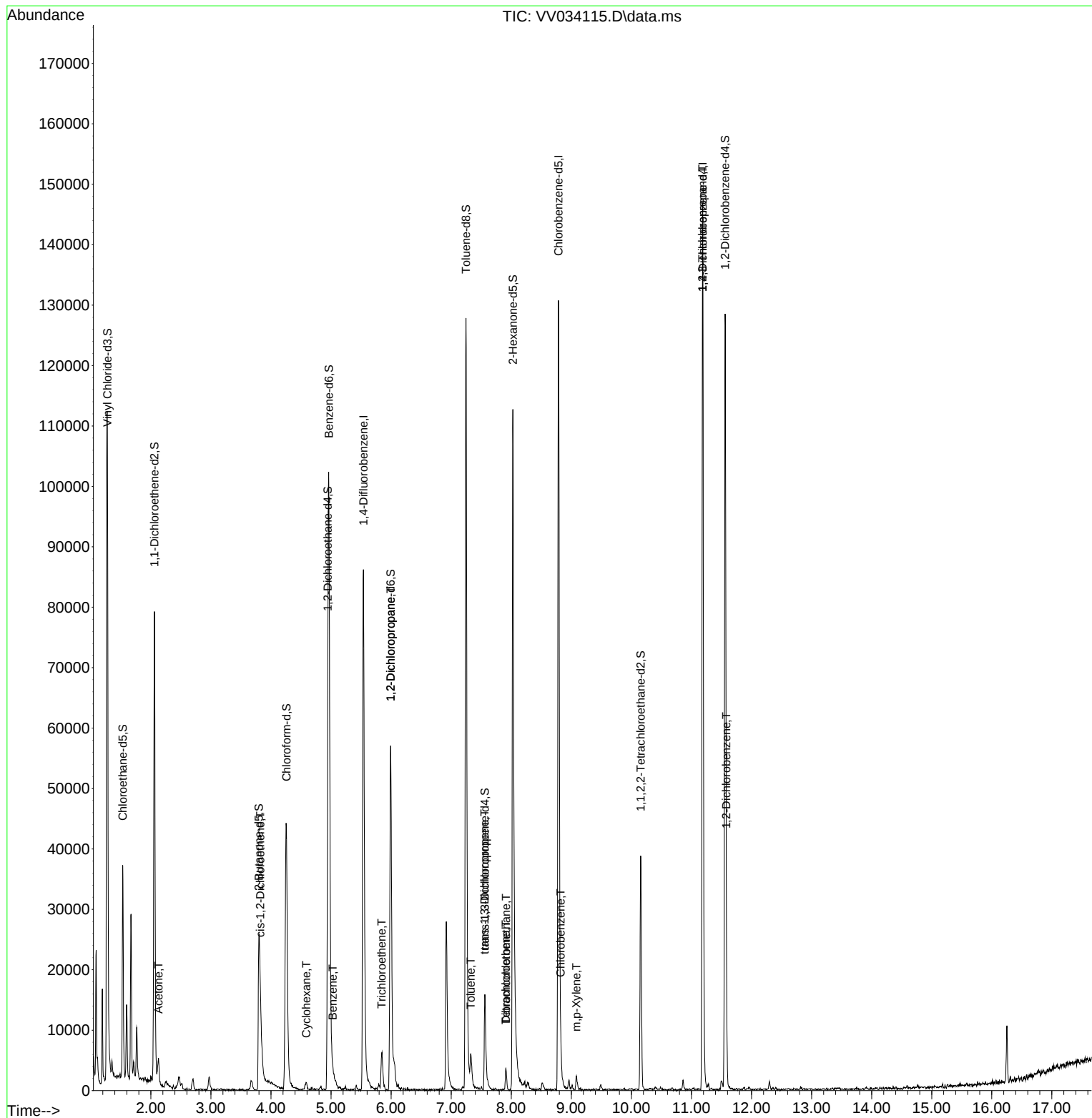
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	76638	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	73033	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37917	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26321	4.435	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.532	69	22188	4.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.060	65	12639	4.416	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	3.799	46	42464	42.599	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.200%
24) Chloroform-d	4.256	84	48205	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	4.947	65	24403	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	4.963	84	92749	4.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	5.992	67	26030	4.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.246	98	87256	4.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.561	79	10847	4.690	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.027	63	42442	51.406	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.820%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	17833	4.803	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	31451	4.561	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
13) Acetone	2.127	43	3891	5.145	ug/L #	54
22) cis-1,2-Dichloroethene	3.822	96	2003	0.324	ug/L	81
30) Cyclohexane	4.587	56	751	0.079	ug/L #	60
33) Benzene	5.027	78	2020	0.092	ug/L	100
34) Trichloroethene	5.844	95	2432	0.384	ug/L	94
37) 1,2-Dichloropropane	5.992	63	3614	0.681	ug/L #	87
42) Toluene	7.326	91	4881	0.208	ug/L	78
44) trans-1,3-Dichloropropene	7.558	75	505	0.081	ug/L	85
47) Tetrachloroethene	7.908	164	1003	0.195	ug/L	93
49) Dibromochloromethane	7.912	129	855	0.220	ug/L #	11
51) Chlorobenzene	8.821	112	2906	0.196	ug/L	97
53) m,p-Xylene	9.085	106	707	0.069	ug/L	93
61) 1,2,3-Trichloropropane	11.185	75	4696	1.801	ug/L #	60
67) 1,2-Dichlorobenzene	11.580	146	1892	0.180	ug/L #	90

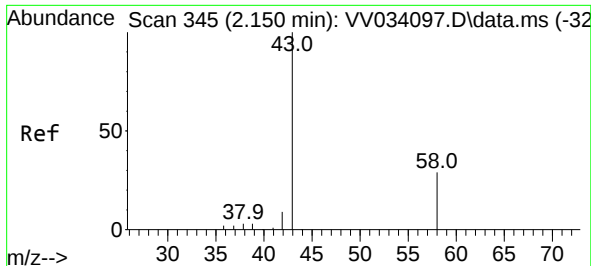
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.145 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.022 min

Lab File: VV034115.D

Acq: 09 Feb 2024 16:27

Instrument :

MSVOA_V

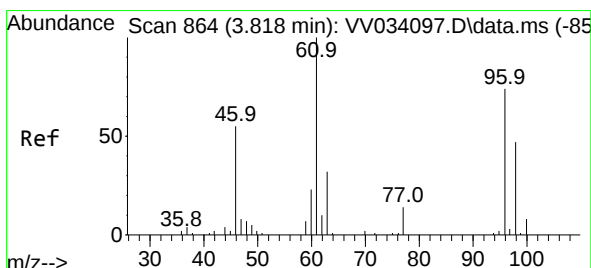
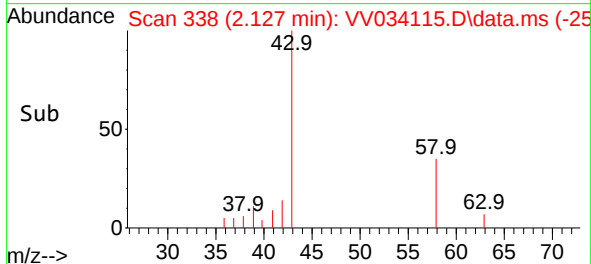
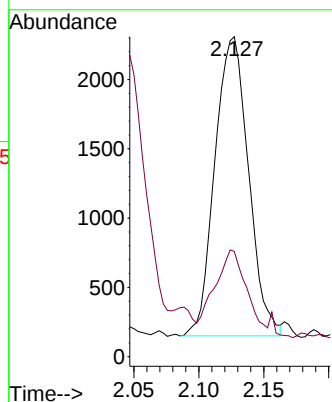
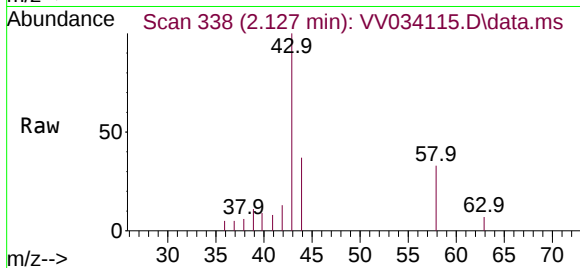
ClientSampleId :

Tgt Ion: 43 Resp: 3891

Ion Ratio Lower Upper

43 100

58 22.6 0.0 13.8#



#22

cis-1,2-Dichloroethene

Concen: 0.324 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.003 min

Lab File: VV034115.D

Acq: 09 Feb 2024 16:27

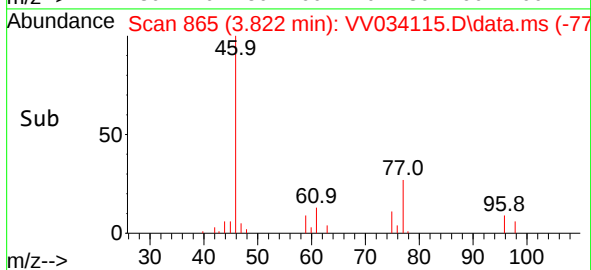
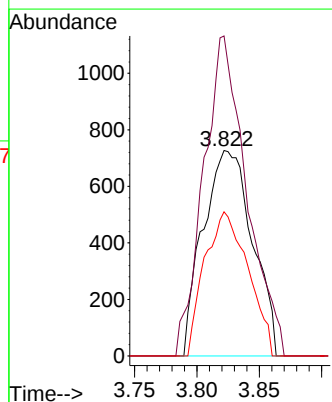
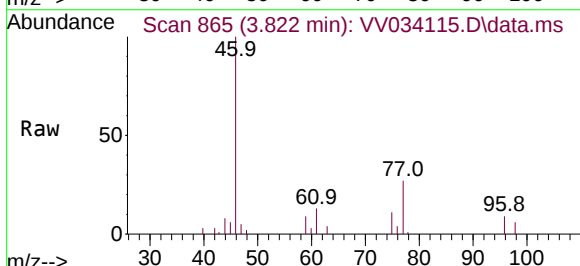
Tgt Ion: 96 Resp: 2003

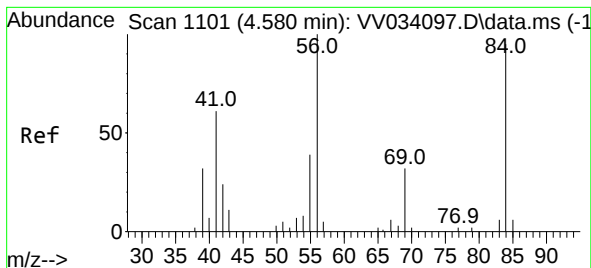
Ion Ratio Lower Upper

96 100

61 155.7 90.3 167.7

98 70.2 43.2 80.2





#30

Cyclohexane

Concen: 0.079 ug/L

RT: 4.587 min Scan# 1101

Delta R.T. 0.006 min

Lab File: VV034115.D

Acq: 09 Feb 2024 16:27

Instrument :

MSVOA_V

ClientSampleId :

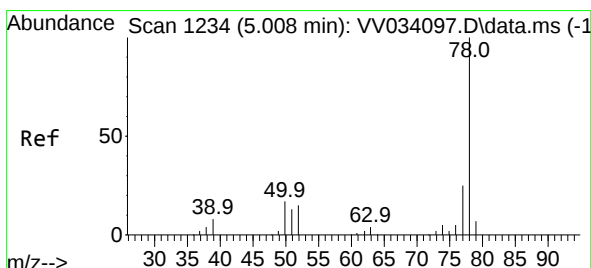
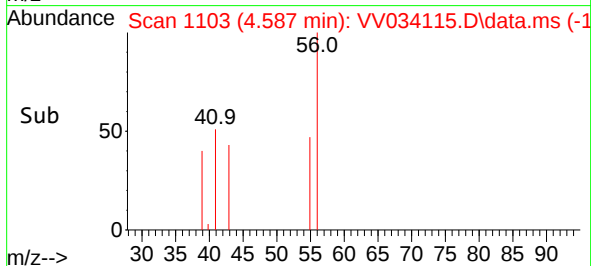
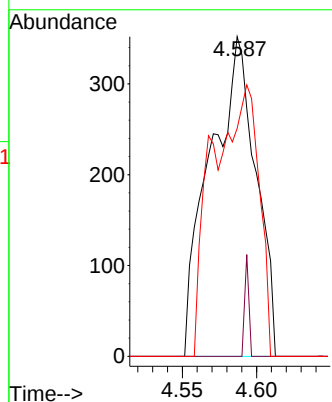
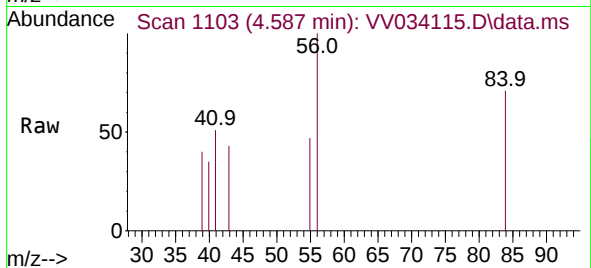
Tgt Ion: 56 Resp: 751

Ion Ratio Lower Upper

56 100

69 2.9 24.2 36.2#

84 54.1 70.0 105.0#



#33

Benzene

Concen: 0.092 ug/L

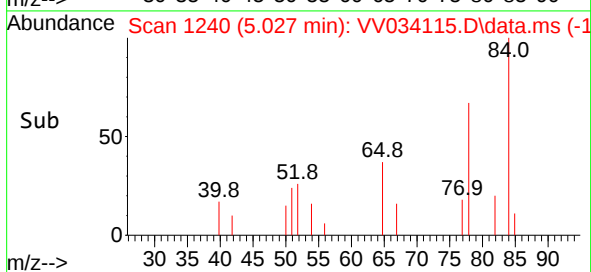
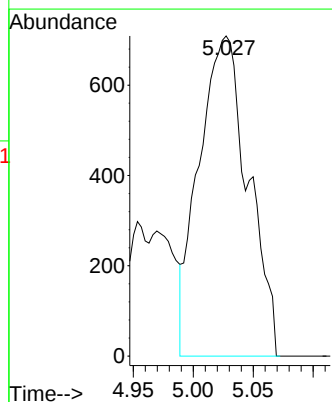
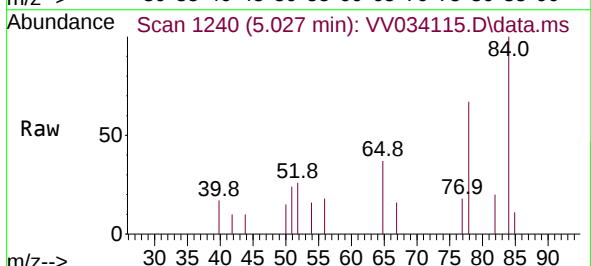
RT: 5.027 min Scan# 1240

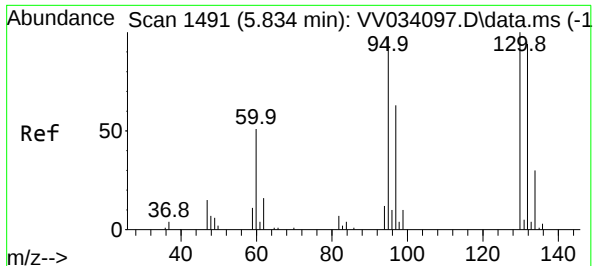
Delta R.T. 0.019 min

Lab File: VV034115.D

Acq: 09 Feb 2024 16:27

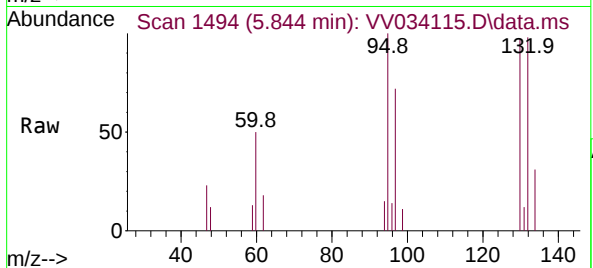
Tgt Ion: 78 Resp: 2020





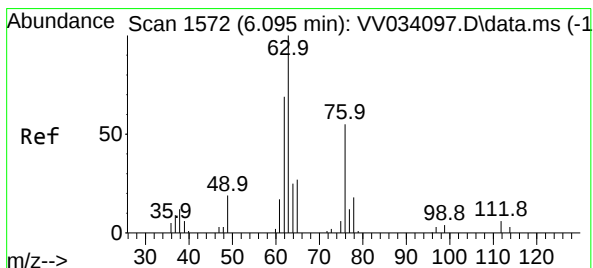
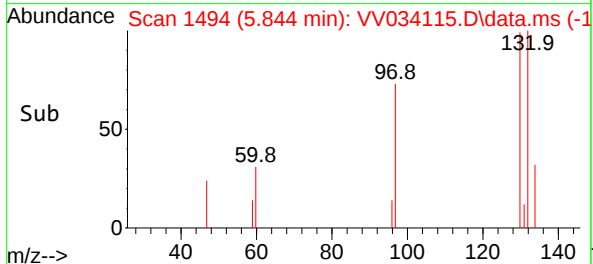
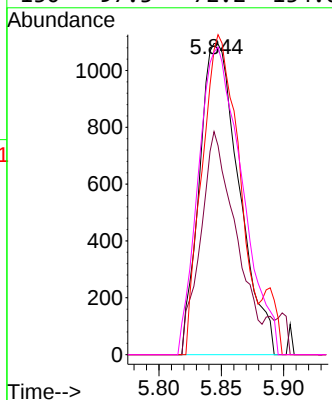
#34
Trichloroethene
Concen: 0.384 ug/L
RT: 5.844 min Scan# 1491
Delta R.T. 0.010 min
Lab File: VV034115.D
Acq: 09 Feb 2024 16:27

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 2432

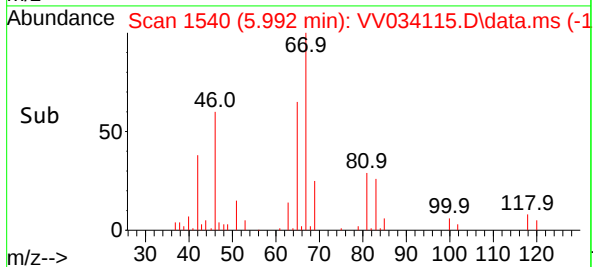
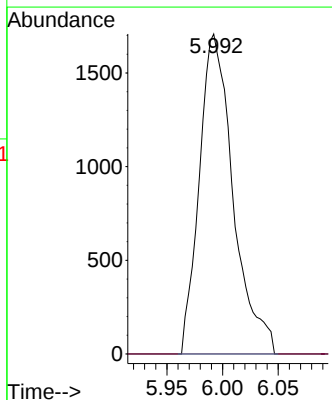
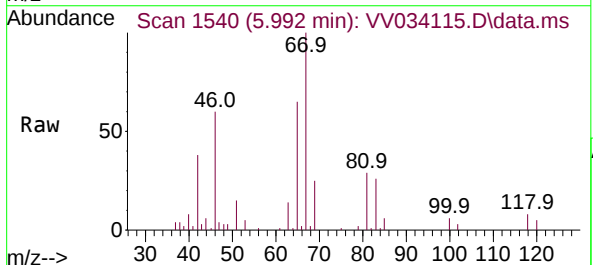
Ion	Ratio	Lower	Upper
95	100		
97	71.7	45.1	83.7
132	97.9	66.0	122.6
130	97.3	72.2	134.0

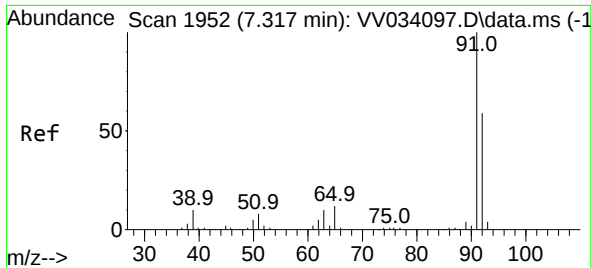


#37
1,2-Dichloropropane
Concen: 0.681 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.103 min
Lab File: VV034115.D
Acq: 09 Feb 2024 16:27

Tgt Ion: 63 Resp: 3614

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#





#42

Toluene

Concen: 0.208 ug/L

RT: 7.326 min Scan# 1952

Delta R.T. 0.010 min

Lab File: VV034115.D

Acq: 09 Feb 2024 16:27

Instrument :

MSVOA_V

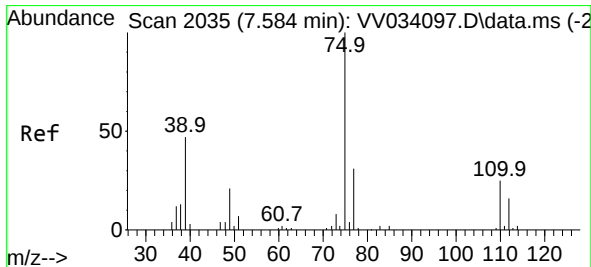
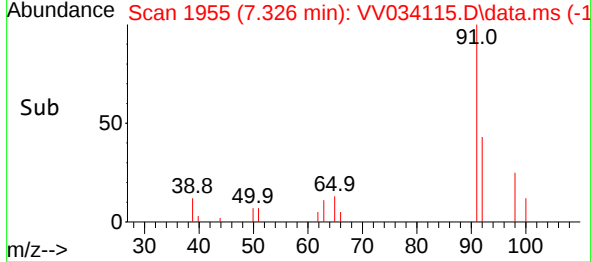
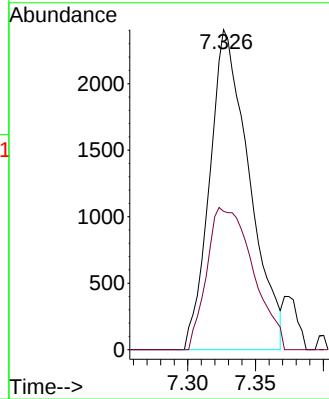
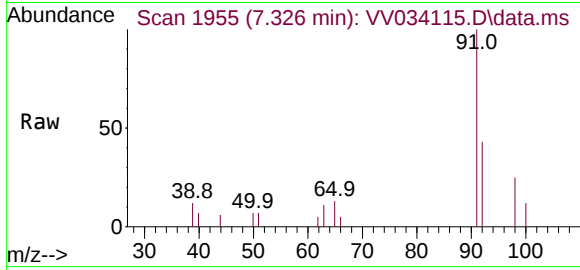
ClientSampleId :

Tgt Ion: 91 Resp: 4881

Ion Ratio Lower Upper

91 100

92 43.3 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.026 min

Lab File: VV034115.D

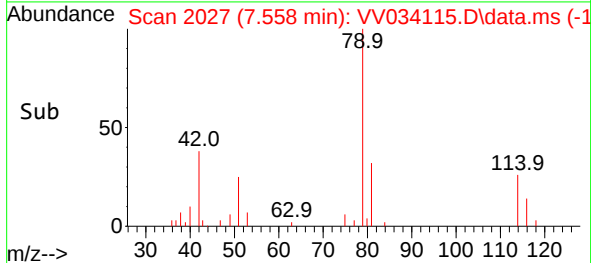
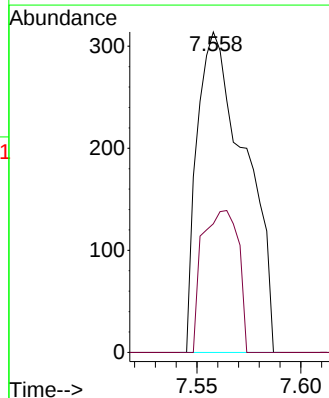
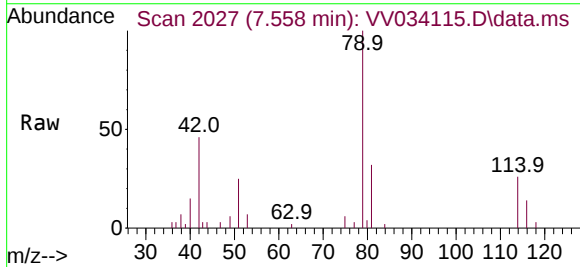
Acq: 09 Feb 2024 16:27

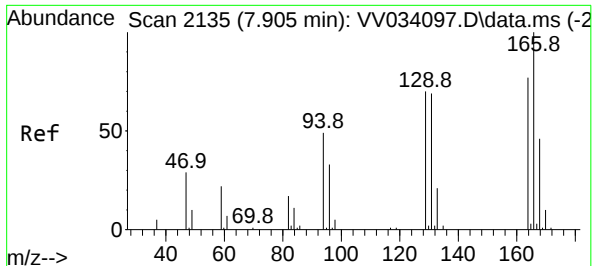
Tgt Ion: 75 Resp: 505

Ion Ratio Lower Upper

75 100

77 40.1 22.2 41.2





#47

Tetrachloroethene

Concen: 0.195 ug/L

RT: 7.908 min Scan# 2135

Delta R.T. 0.003 min

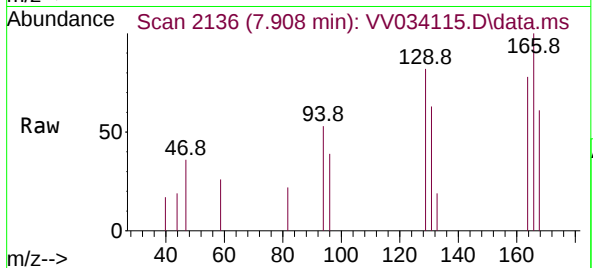
Lab File: VV034115.D

Acq: 09 Feb 2024 16:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1003

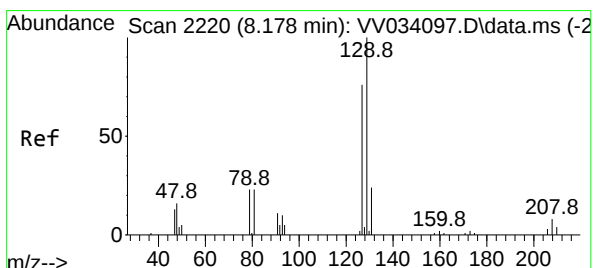
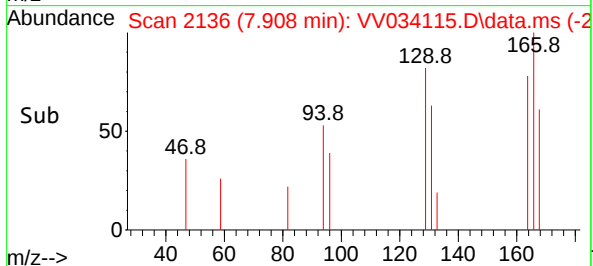
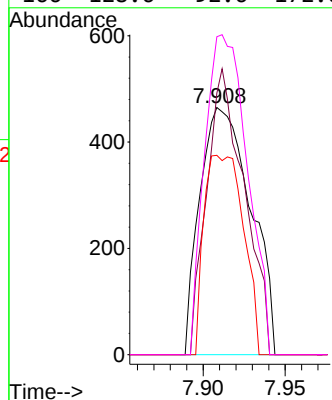
Ion Ratio Lower Upper

164 100

129 105.8 67.8 125.8

131 80.6 63.0 117.0

166 128.6 92.6 172.0



#49

Dibromochloromethane

Concen: 0.220 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. -0.267 min

Lab File: VV034115.D

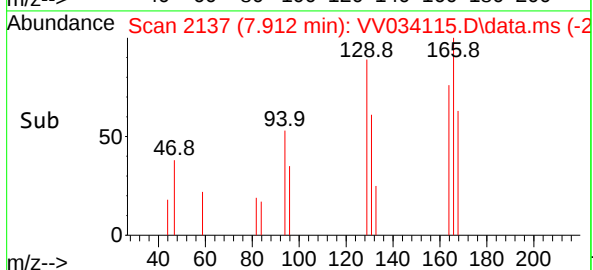
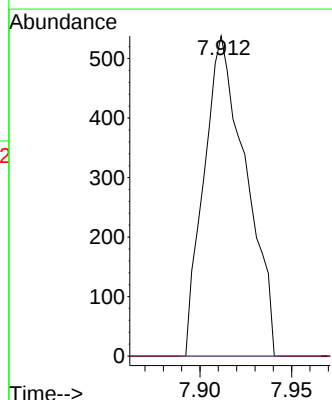
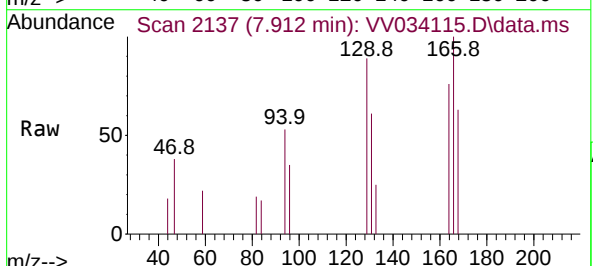
Acq: 09 Feb 2024 16:27

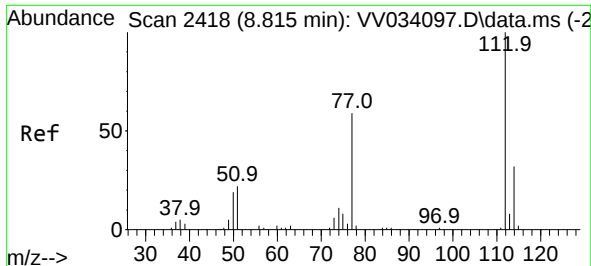
Tgt Ion:129 Resp: 855

Ion Ratio Lower Upper

129 100

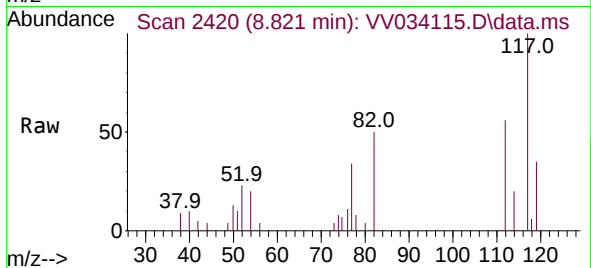
127 0.0 53.5 99.5#



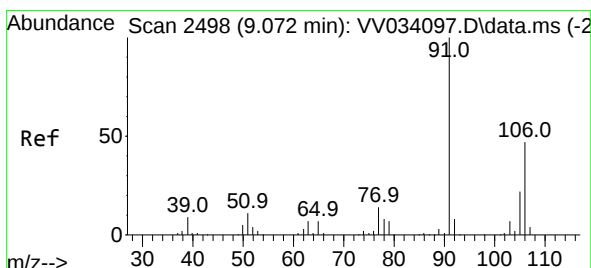
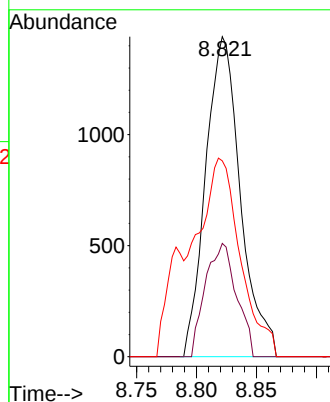
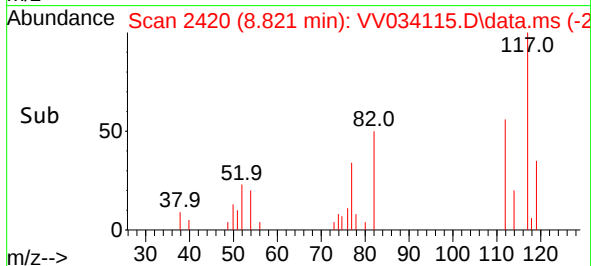


#51
Chlorobenzene
Concen: 0.196 ug/L
RT: 8.821 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV034115.D
Acq: 09 Feb 2024 16:27

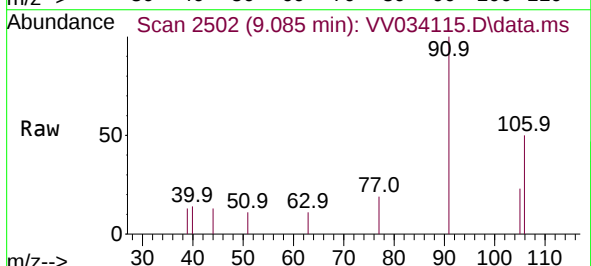
Instrument :
MSVOA_V
ClientSampleId :



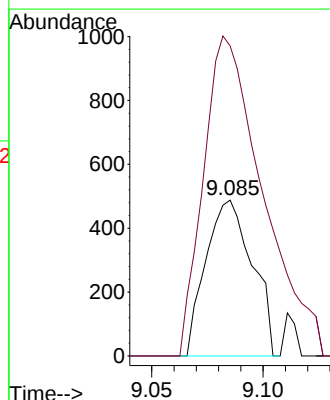
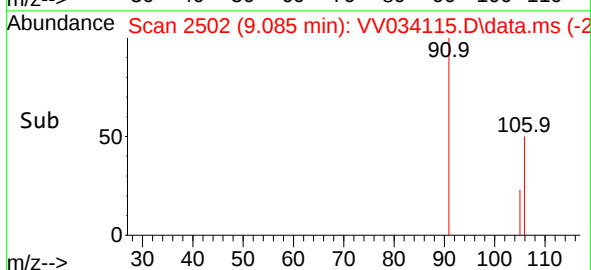
Tgt Ion:112 Resp: 2906
Ion Ratio Lower Upper
112 100
114 35.4 22.5 41.7
77 61.2 48.1 72.1

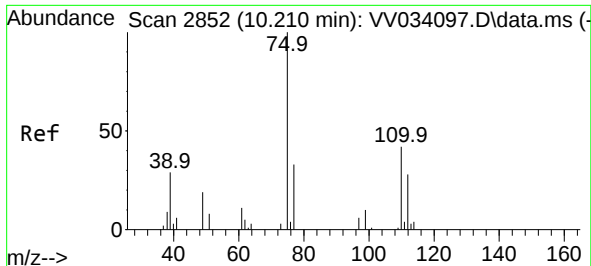


#53
m,p-Xylene
Concen: 0.069 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.013 min
Lab File: VV034115.D
Acq: 09 Feb 2024 16:27



Tgt Ion:106 Resp: 707
Ion Ratio Lower Upper
106 100
91 199.0 147.5 273.9





#61

1,2,3-Trichloropropane

Concen: 1.801 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV034115.D

Acq: 09 Feb 2024 16:27

Instrument :

MSVOA_V

ClientSampleId :

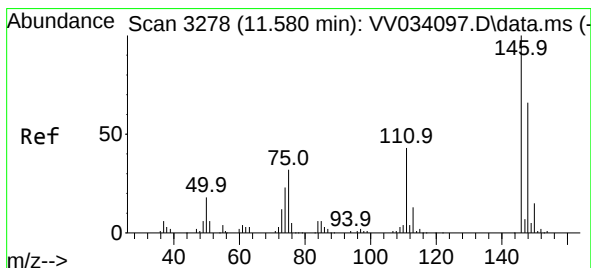
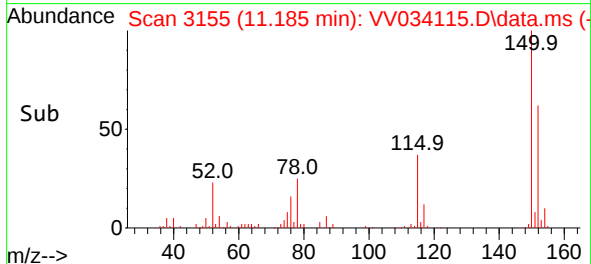
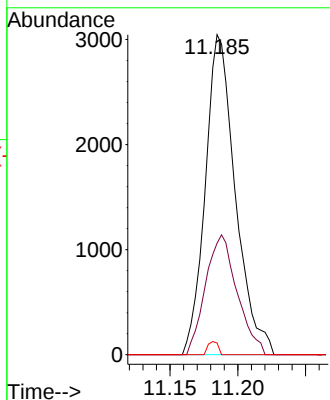
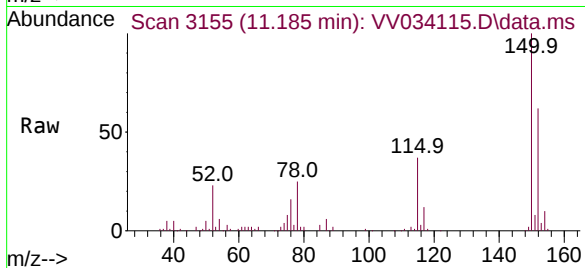
Tgt Ion: 75 Resp: 4696

Ion Ratio Lower Upper

75 100

77 39.4 26.9 40.3

110 1.4 33.3 49.9#



#67

1,2-Dichlorobenzene

Concen: 0.180 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VV034115.D

Acq: 09 Feb 2024 16:27

Tgt Ion:146 Resp: 1892

Ion Ratio Lower Upper

146 100

111 52.6 31.2 46.8#

148 60.9 49.8 74.8

