

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101123\
 Data File : VV032395.D
 Acq On : 11 Oct 2023 15:57
 Operator : SY/MD
 Sample : 04851-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B05

Quant Time: Oct 12 03:06:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 02:54:58 2023
 Response via : Initial Calibration

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

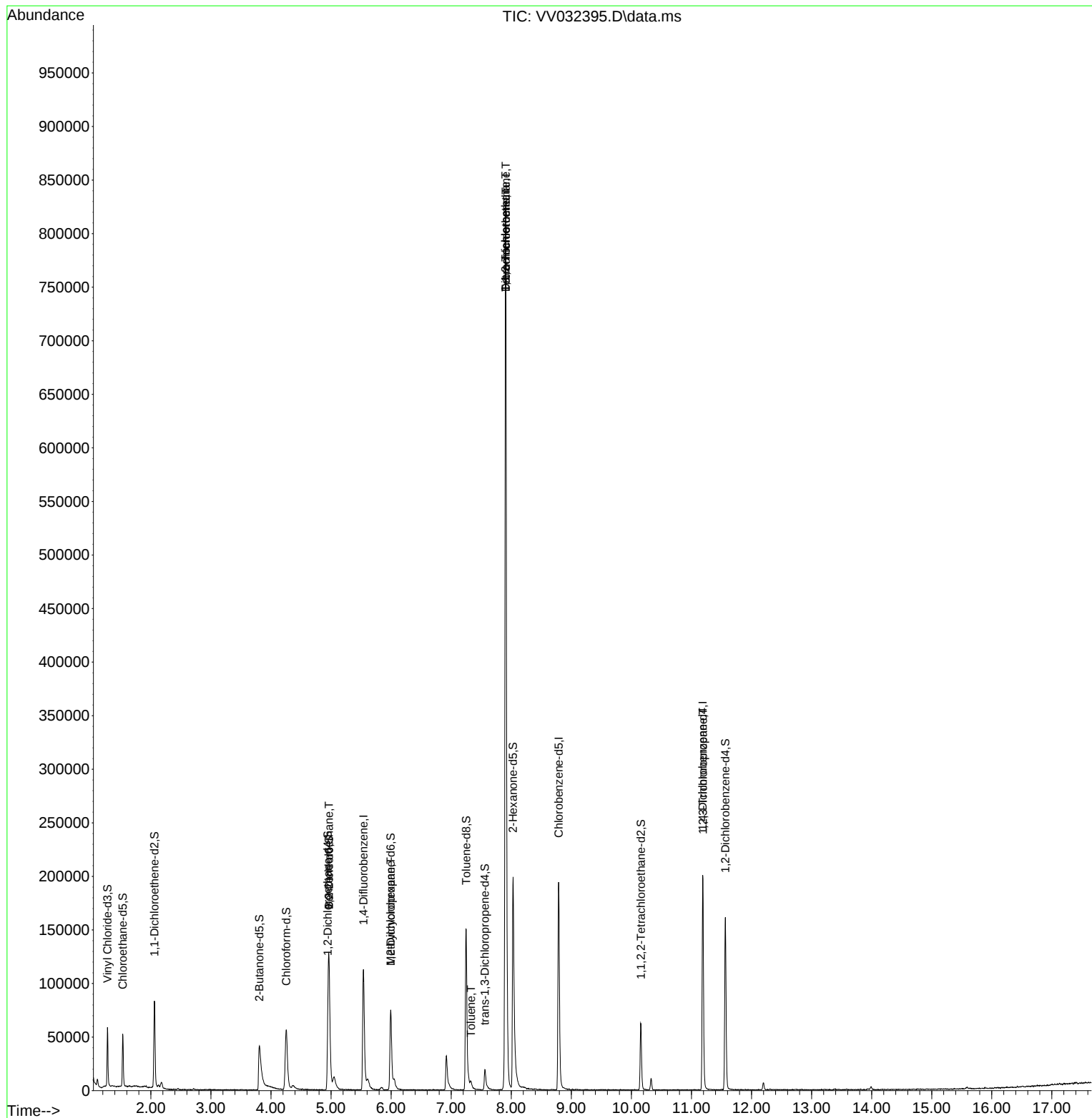
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	97764	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	111656	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51672	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35637	4.482	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.532	69	30289	4.693	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.060	65	13945	4.159	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.806	46	84453	41.988	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.980%
24) Chloroform-d	4.256	84	61386	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	4.947	65	28859	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	4.963	84	115490	3.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.400%
36) 1,2-Dichloropropane-d6	5.992	67	38010	3.492	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.800%
41) Toluene-d8	7.249	98	107839	3.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	7.561	79	13678	3.546	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.000%
46) 2-Hexanone-d5	8.031	63	75694	41.707	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.420%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31381	4.122	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	41233	4.300	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	4.963	62	830	0.093	ug/L #	73
35) Methylcyclohexane	5.992	83	8534	0.514	ug/L #	17
42) Toluene	7.330	91	5653	0.135	ug/L	98
45) 1,1,2-Trichloroethane	7.905	97	1723	0.232	ug/L #	1
47) Tetrachloroethene	7.908	164	194442	23.892	ug/L	100
49) Dibromochloromethane	7.908	129	173721	22.499	ug/L #	8
61) 1,2,3-Trichloropropane	11.191	75	6295	1.145	ug/L #	65

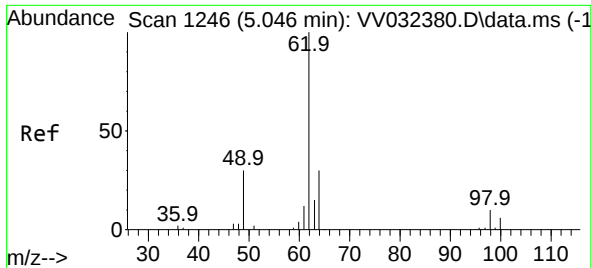
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 12 02:54:58 2023
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 4.963 min Scan# 1

Delta R.T. -0.083 min

Lab File: VV032395.D

Acq: 11 Oct 2023 15:57

Instrument :

MSVOA_V

ClientSampleId :

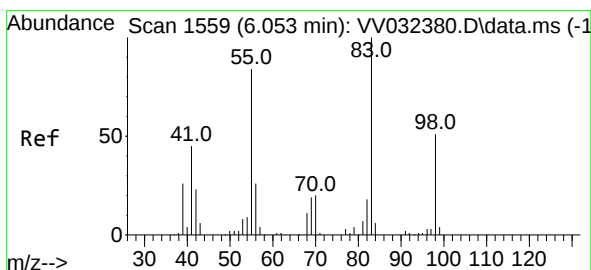
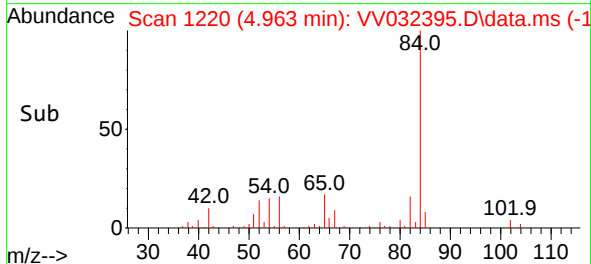
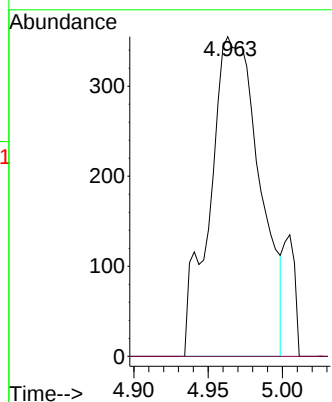
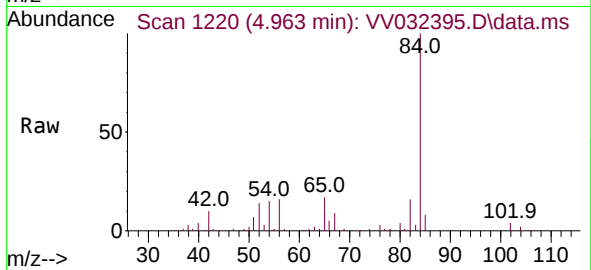
C0B05

Tgt Ion: 62 Resp: 830

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#35

Methylcyclohexane

Concen: 0.514 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.061 min

Lab File: VV032395.D

Acq: 11 Oct 2023 15:57

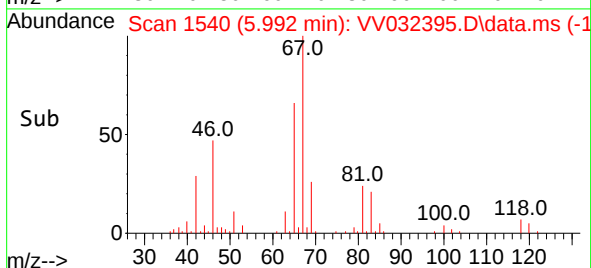
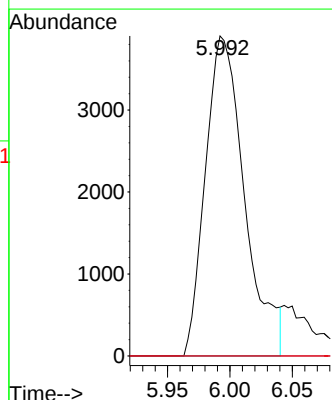
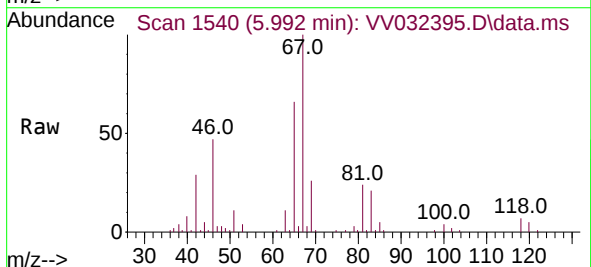
Tgt Ion: 83 Resp: 8534

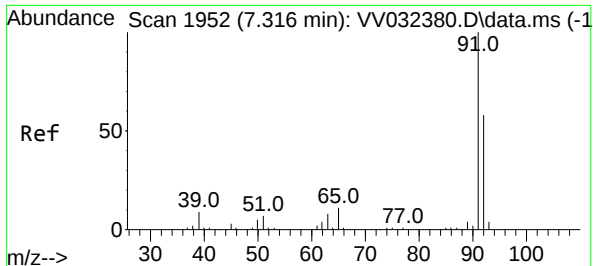
Ion Ratio Lower Upper

83 100

55 0.0 64.2 96.2#

98 1.4 39.6 59.4#





#42

Toluene

Concen: 0.135 ug/L

RT: 7.330 min Scan# 1952

Delta R.T. 0.013 min

Lab File: VV032395.D

Acq: 11 Oct 2023 15:57

Instrument :

MSVOA_V

ClientSampleId :

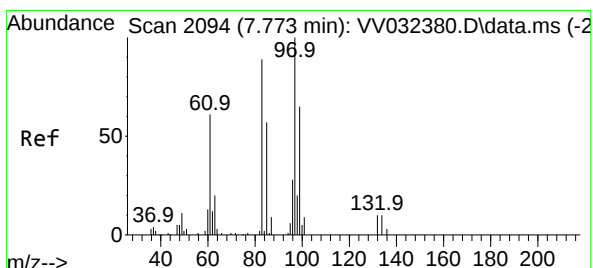
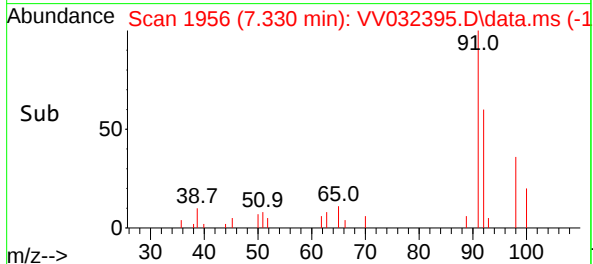
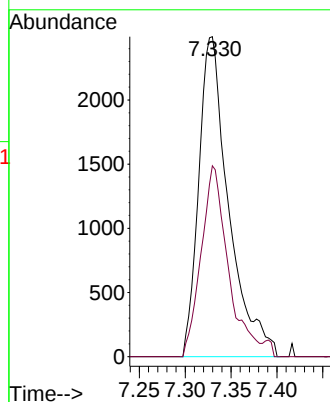
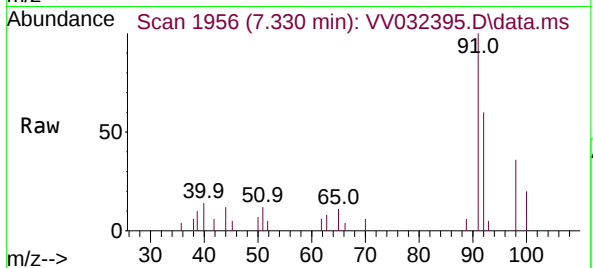
C0B05

Tgt Ion: 91 Resp: 5653

Ion Ratio Lower Upper

91 100

92 59.6 40.8 75.8



#45

1,1,2-Trichloroethane

Concen: 0.232 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.132 min

Lab File: VV032395.D

Acq: 11 Oct 2023 15:57

Tgt Ion: 97 Resp: 1723

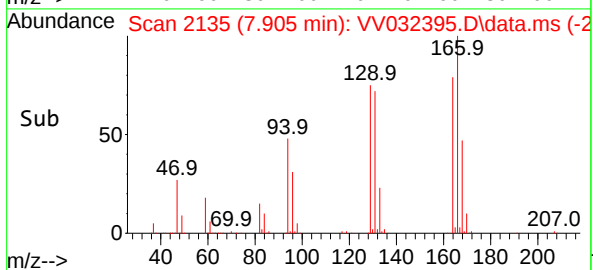
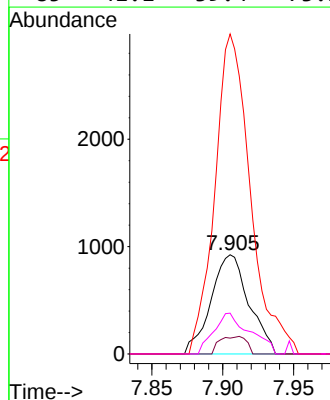
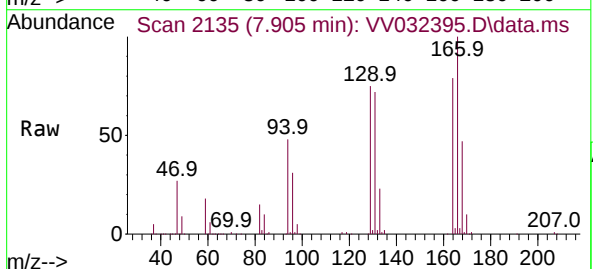
Ion Ratio Lower Upper

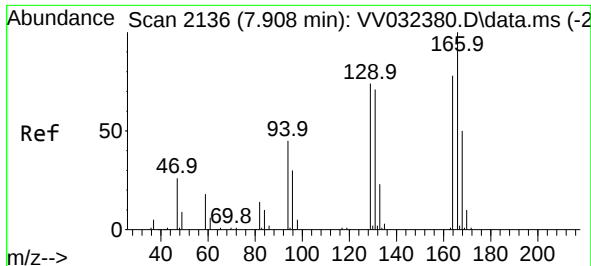
97 100

99 16.0 42.8 79.4#

83 322.3 60.9 113.1#

85 41.1 39.4 73.2

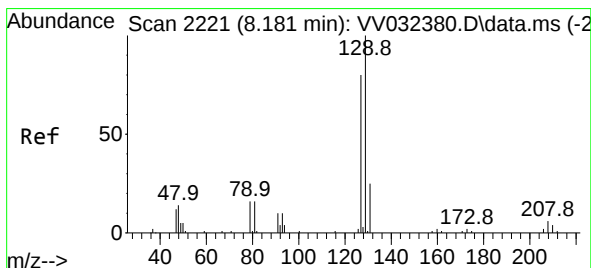
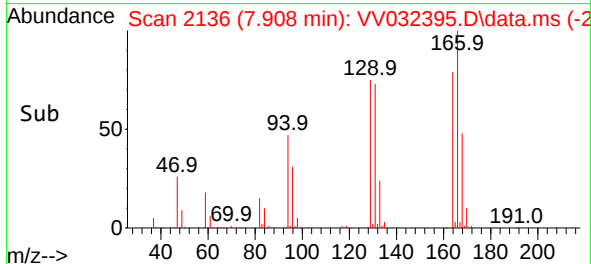
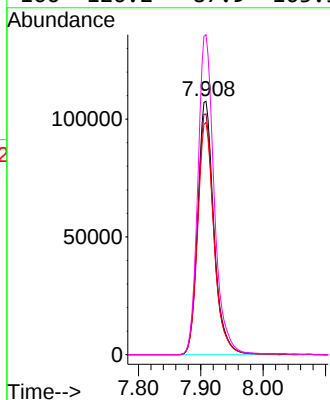
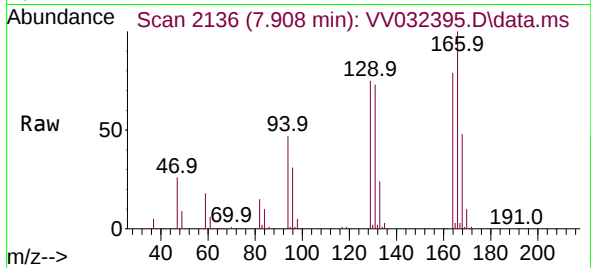




#47
Tetrachloroethene
Concen: 23.892 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032395.D
Acq: 11 Oct 2023 15:57

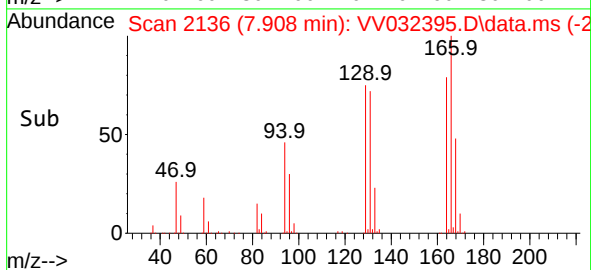
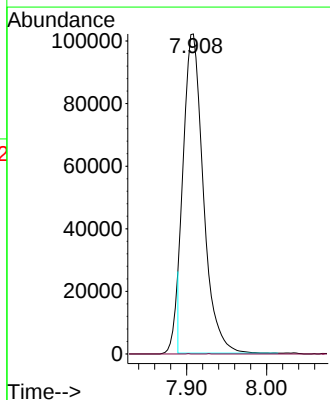
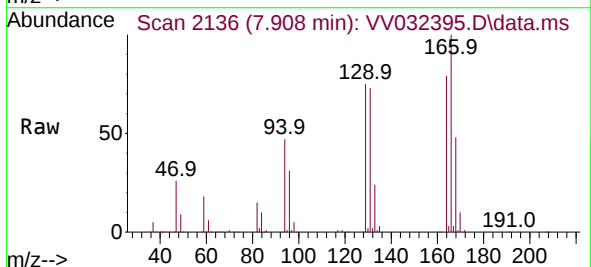
Instrument :
MSVOA_V
ClientSampleId :
C0B05

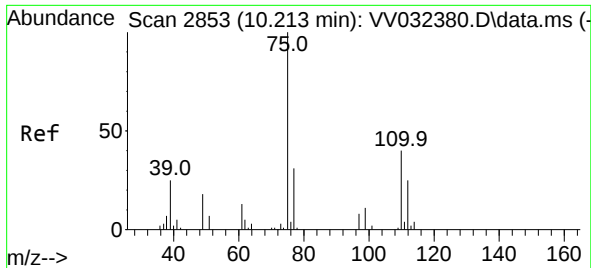
Tgt Ion:164 Resp: 194442
Ion Ratio Lower Upper
164 100
129 95.0 66.4 123.4
131 91.6 63.7 118.3
166 126.2 87.9 163.3



#49
Dibromochloromethane
Concen: 22.499 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.273 min
Lab File: VV032395.D
Acq: 11 Oct 2023 15:57

Tgt Ion:129 Resp: 173721
Ion Ratio Lower Upper
129 100
127 0.0 57.2 106.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.145 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV032395.D
 Acq: 11 Oct 2023 15:57

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B05

Tgt Ion: 75 Resp: 6295
 Ion Ratio Lower Upper
 75 100
 77 35.5 26.2 39.2
 110 1.1 30.6 46.0#

