

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060623\
 Data File : VW031365.D
 Acq On : 06 Jun 2023 11:10
 Operator : SY/MD
 Sample : 03000-04 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C28

Quant Time: Jun 07 02:00:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 07 01:59:39 2023
 Response via : Initial Calibration

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

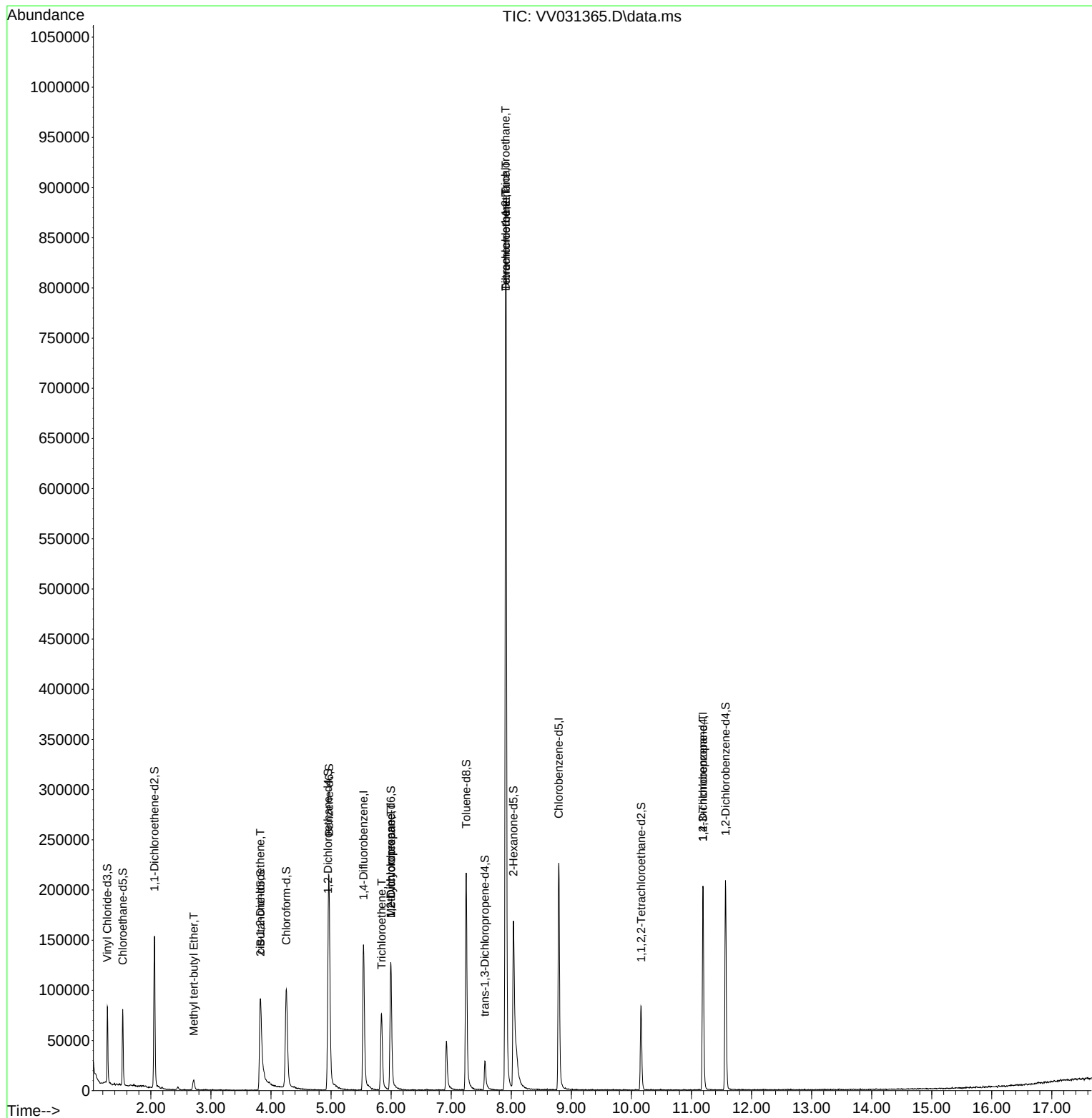
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	119594	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	122826	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	54763	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	50276	4.133	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.532	69	45958	4.472	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.060	65	26676	4.516	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	3.828	46	74260	26.373	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	52.740%
24) Chloroform-d	4.256	84	107119	5.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	4.950	65	54646	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	4.966	84	182442	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	5.995	67	63293	5.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.249	98	149091	4.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.561	79	19924	4.339	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.037	63	73061	39.609	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.220%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	42355	4.418	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	53909	5.220	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
17) Methyl tert-butyl Ether	2.716	73	9273	0.364	ug/L	98
22) cis-1,2-Dichloroethene	3.822	96	34823	3.243	ug/L	94
34) Trichloroethene	5.841	95	27887	2.362	ug/L	97
35) Methylcyclohexane	5.995	83	15519	0.883	ug/L #	13
37) 1,2-Dichloropropane	5.995	63	7603	0.591	ug/L #	86
45) 1,1,2-Trichloroethane	7.905	97	2010	0.230	ug/L #	1
47) Tetrachloroethene	7.908	164	198385	21.564	ug/L	99
49) Dibromochloromethane	7.908	129	181900	18.653	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	6597	0.986	ug/L #	67

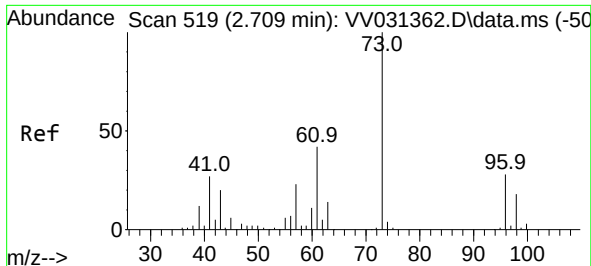
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 07 01:59:39 2023
Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 0.364 ug/L

RT: 2.716 min Scan# 519

Delta R.T. 0.006 min

Lab File: VV031365.D

Acq: 06 Jun 2023 11:10

Instrument :

MSVOA_V

ClientSampleId :

F6C28

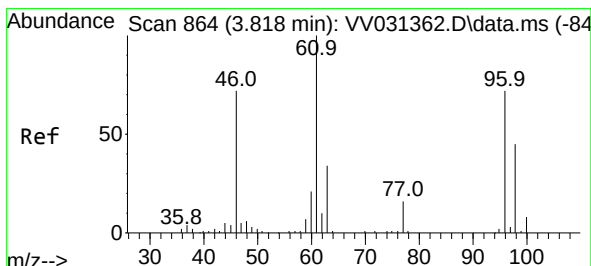
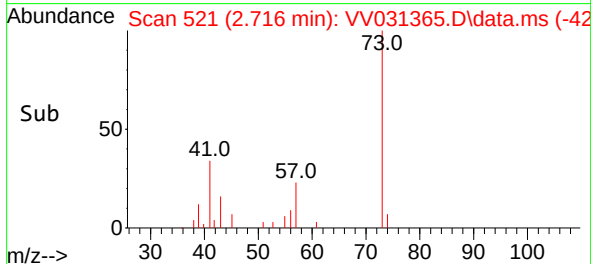
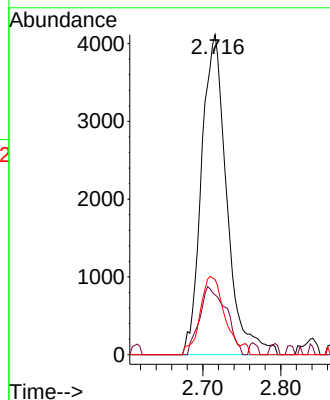
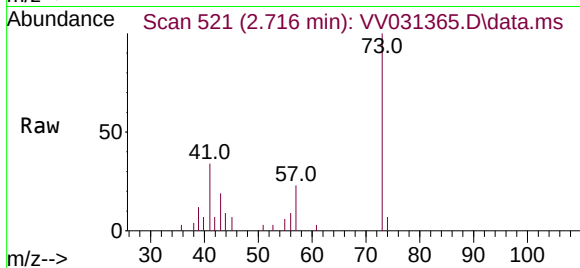
Tgt Ion: 73 Resp: 9273

Ion Ratio Lower Upper

73 100

43 22.3 17.8 26.8

57 23.3 19.8 29.8



#22

cis-1,2-Dichloroethene

Concen: 3.243 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.003 min

Lab File: VV031365.D

Acq: 06 Jun 2023 11:10

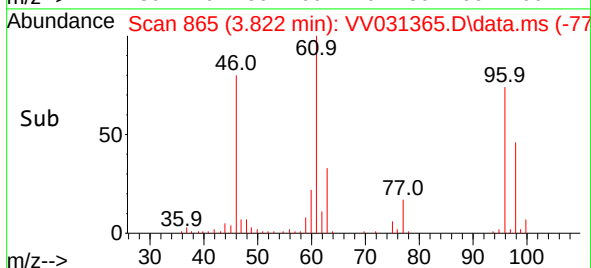
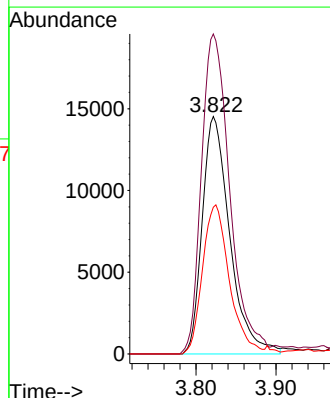
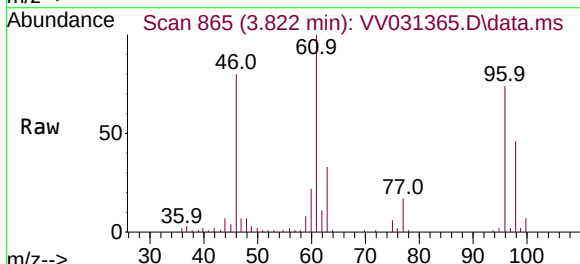
Tgt Ion: 96 Resp: 34823

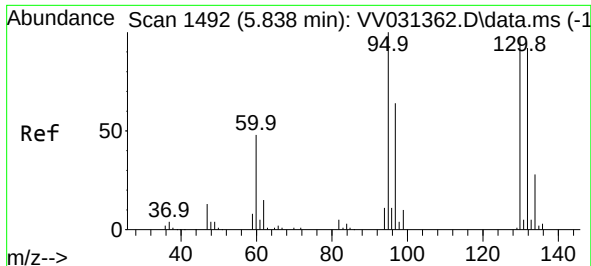
Ion Ratio Lower Upper

96 100

61 134.8 100.8 187.2

98 61.8 45.1 83.9



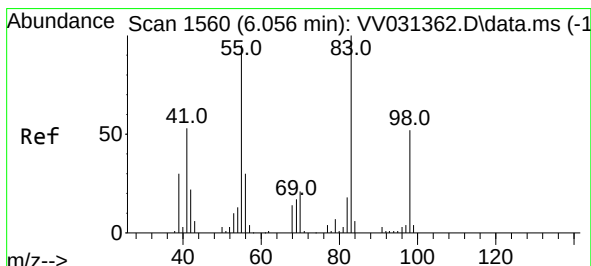
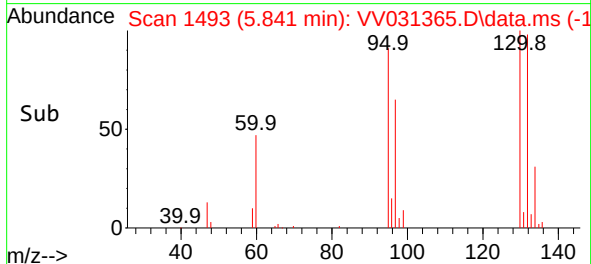
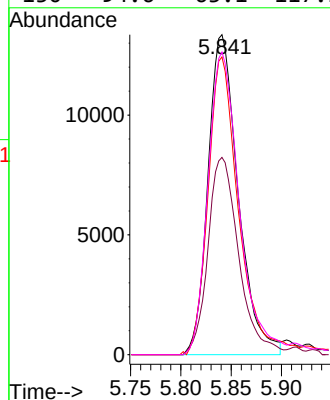
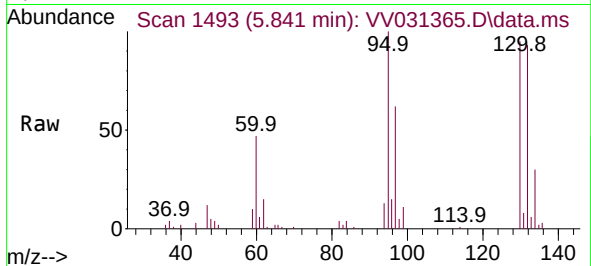


#34
Trichloroethene
Concen: 2.362 ug/L
RT: 5.841 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV031365.D
Acq: 06 Jun 2023 11:10

Instrument :
MSVOA_V
ClientSampleId :
F6C28

Tgt Ion: 95 Resp: 27887

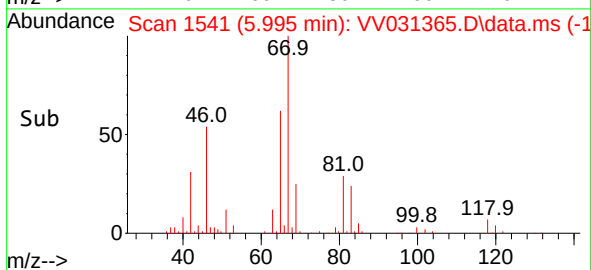
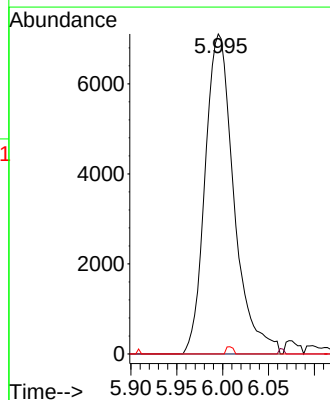
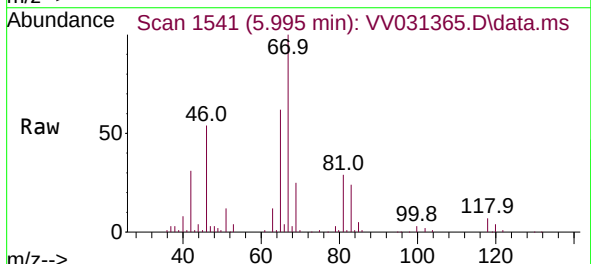
Ion	Ratio	Lower	Upper
95	100		
97	61.7	46.1	85.5
132	93.0	64.5	119.9
130	94.6	63.1	117.1

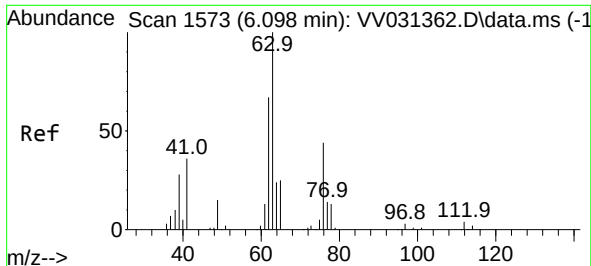


#35
Methylcyclohexane
Concen: 0.883 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.061 min
Lab File: VV031365.D
Acq: 06 Jun 2023 11:10

Tgt Ion: 83 Resp: 15519

Ion	Ratio	Lower	Upper
83	100		
55	0.3	74.6	112.0#
98	0.6	36.5	54.7#





#37

1,2-Dichloropropane

Concen: 0.591 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV031365.D

Acq: 06 Jun 2023 11:10

Instrument :

MSVOA_V

ClientSampleId :

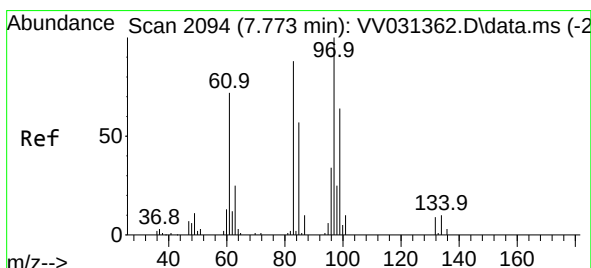
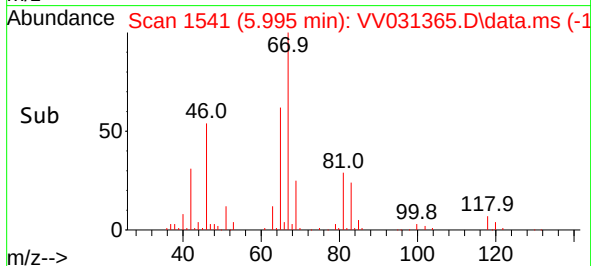
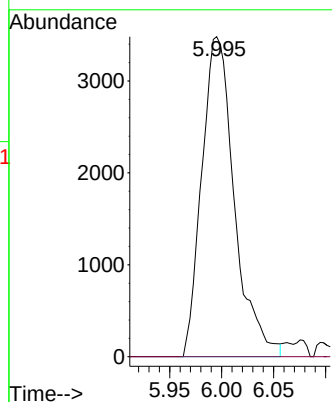
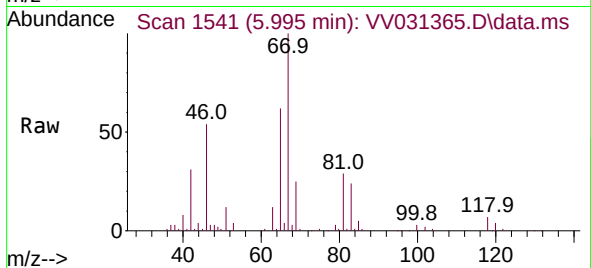
F6C28

Tgt Ion: 63 Resp: 7603

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#45

1,1,2-Trichloroethane

Concen: 0.230 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.132 min

Lab File: VV031365.D

Acq: 06 Jun 2023 11:10

Tgt Ion: 97 Resp: 2010

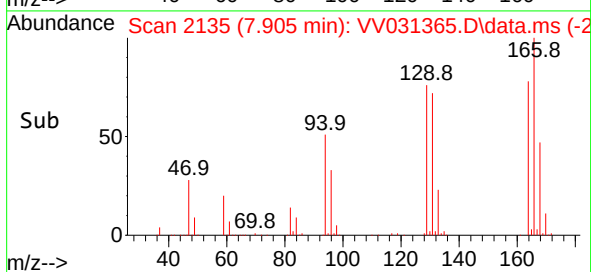
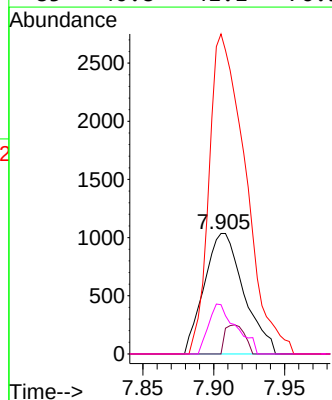
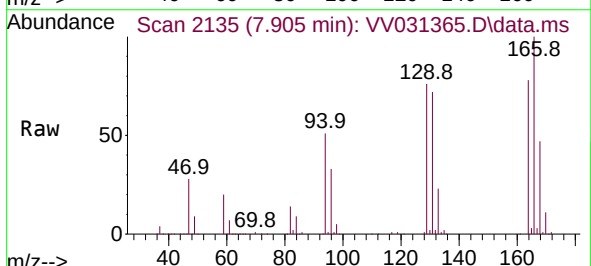
Ion Ratio Lower Upper

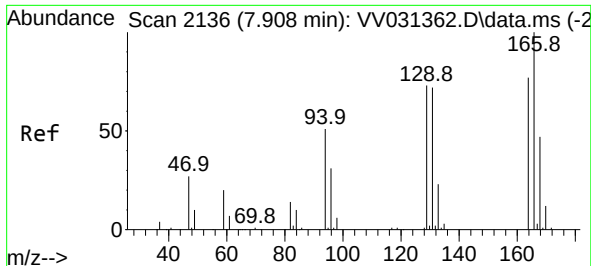
97 100

99 0.0 43.1 80.1#

83 265.5 63.1 117.1#

85 40.8 41.1 76.3#

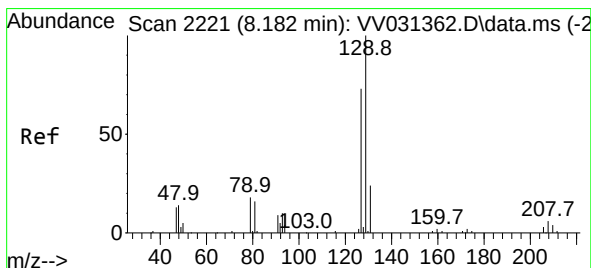
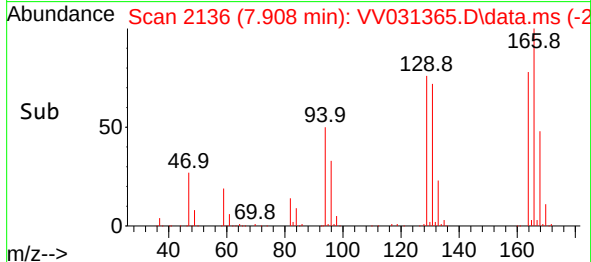
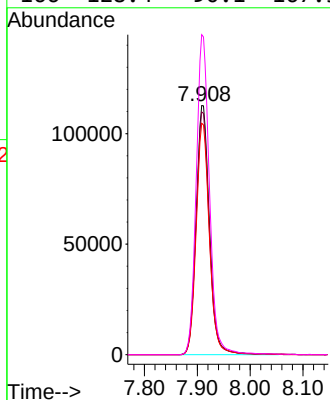
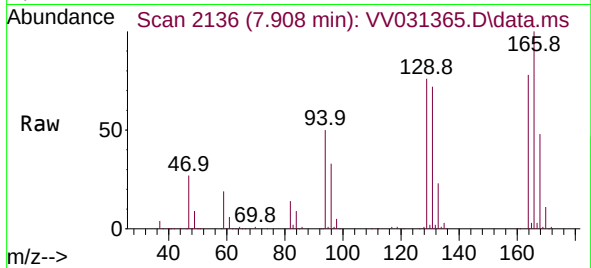




#47
Tetrachloroethene
Concen: 21.564 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VV031365.D
Acq: 06 Jun 2023 11:10

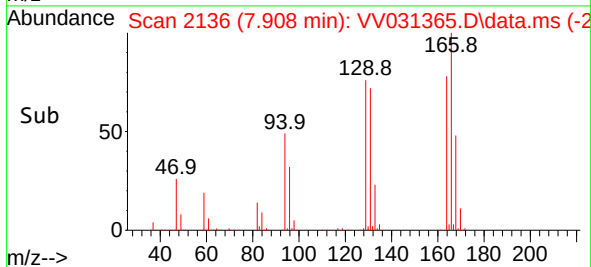
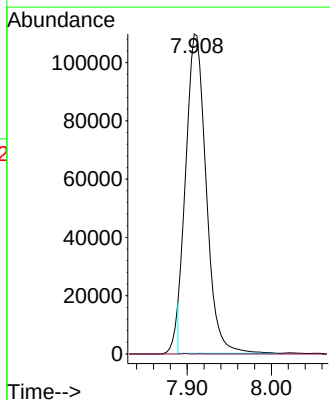
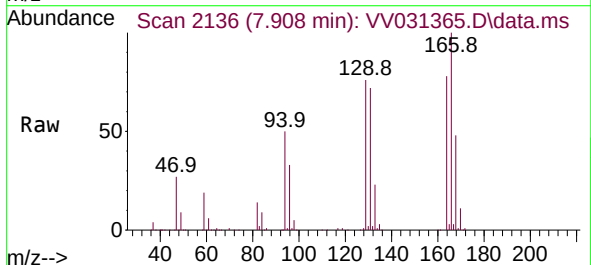
Instrument :
MSVOA_V
ClientSampleId :
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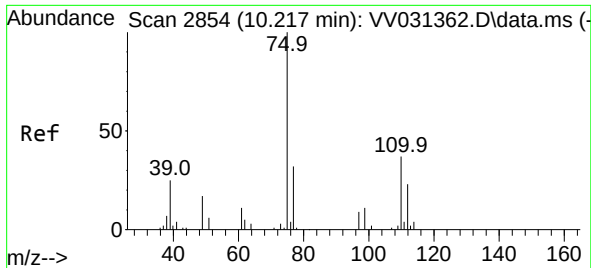
Tgt Ion:164 Resp: 198385
Ion Ratio Lower Upper
164 100
129 97.4 66.0 122.6
131 92.9 65.3 121.3
166 128.4 90.1 167.3



#49
Dibromochloromethane
Concen: 18.653 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.273 min
Lab File: VV031365.D
Acq: 06 Jun 2023 11:10

Tgt Ion:129 Resp: 181900
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#61
 1,2,3-Trichloropropane
 Concen: 0.986 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV031365.D
 Acq: 06 Jun 2023 11:10

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C28

Tgt Ion: 75 Resp: 6597
 Ion Ratio Lower Upper
 75 100
 77 30.8 27.3 40.9
 110 1.9 29.4 44.0#

