

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
 Data File : VV031993.D
 Acq On : 09 Sep 2023 12:12
 Operator : SY/MD
 Sample : 04267-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 09 21:53:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 09 21:51:31 2023
 Response via : Initial Calibration

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

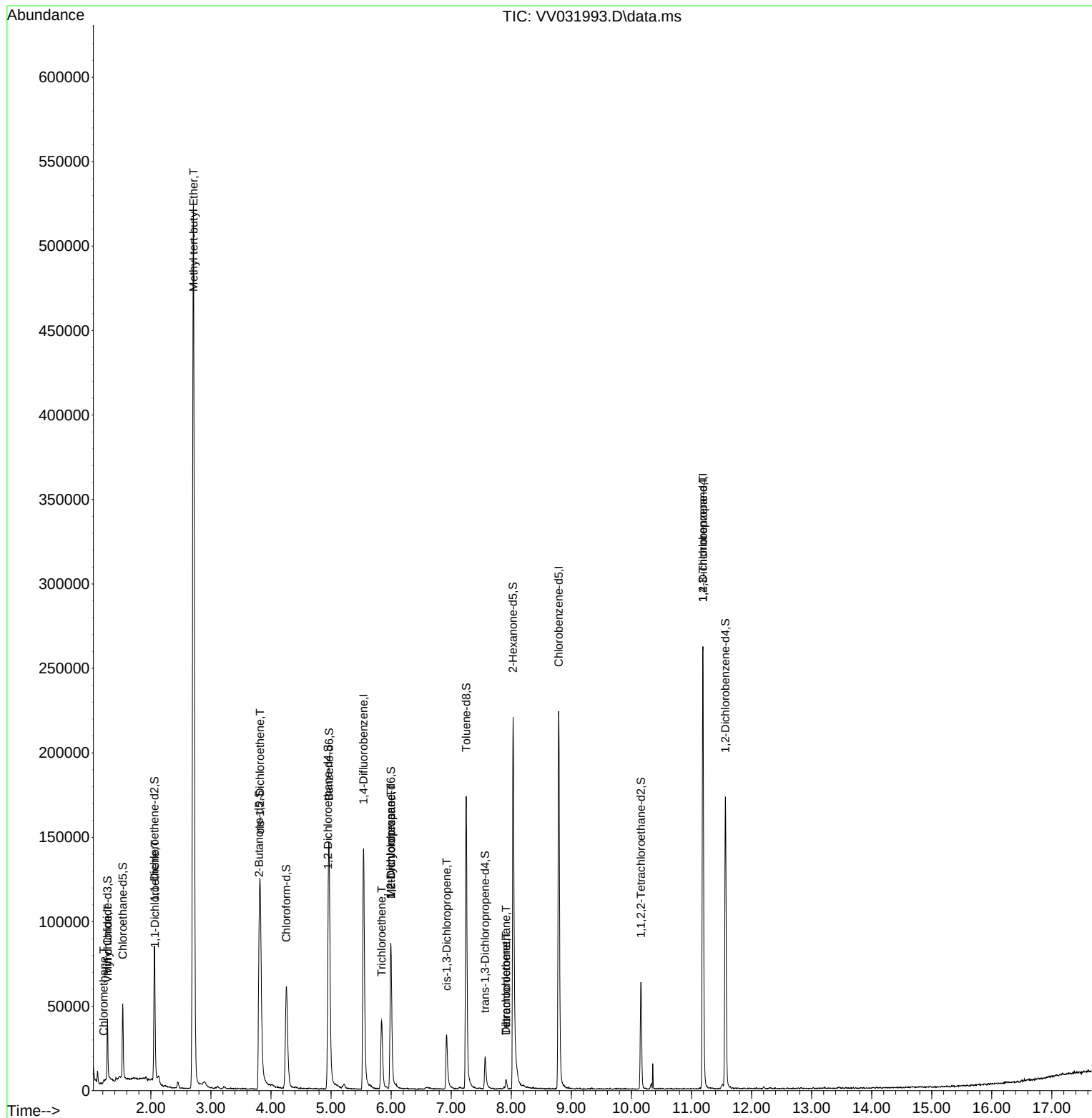
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	124599	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	122324	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	65400	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23334	5.545	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.800%
7) Chloroethane-d5	1.532	69	27504	5.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.200%
11) 1,1-Dichloroethene-d2	2.060	65	12954	5.230	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.600%
20) 2-Butanone-d5	3.802	46	103499	50.806	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.620%
24) Chloroform-d	4.256	84	64525	4.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	4.950	65	34479	4.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	4.966	84	135960	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	5.995	67	45415	4.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.249	98	118806	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.564	79	12575	3.513	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.200%
46) 2-Hexanone-d5	8.030	63	83226	43.612	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.220%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31238	4.436	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	42062	3.971	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.400%#
Target Compounds						Qvalue
3) Chloromethane	1.217	50	825	0.108	ug/L #	59
5) Vinyl chloride	1.282	62	561	0.072	ug/L #	1
12) 1,1-Dichloroethene	2.069	96	2133	0.380	ug/L #	1
17) Methyl tert-butyl Ether	2.709	73	525445	30.194	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	49230	6.722	ug/L	93
34) Trichloroethene	5.841	95	15210	1.847	ug/L	94
35) Methylcyclohexane	5.995	83	10181	0.849	ug/L #	19
37) 1,2-Dichloropropane	5.995	63	5048	0.650	ug/L #	87
39) cis-1,3-Dichloropropene	6.924	75	1045	0.088	ug/L #	69
47) Tetrachloroethene	7.915	164	1124	0.214	ug/L	97
49) Dibromochloromethane	7.915	129	1113	0.192	ug/L #	11
61) 1,2,3-Trichloropropane	11.191	75	8758	1.818	ug/L #	69

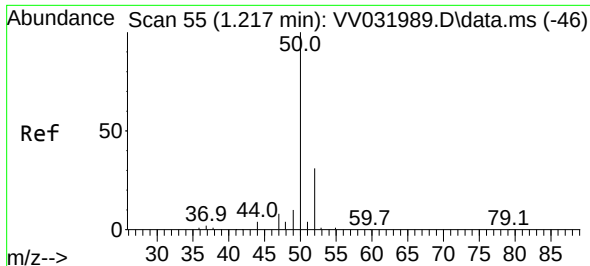
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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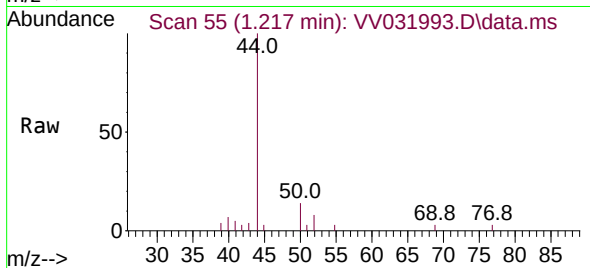
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
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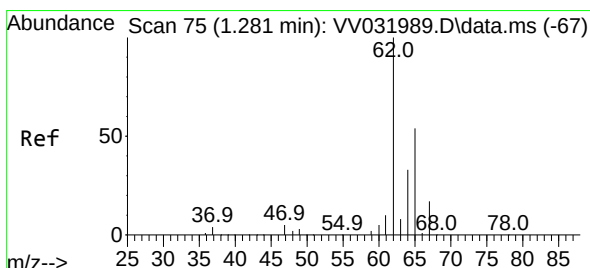
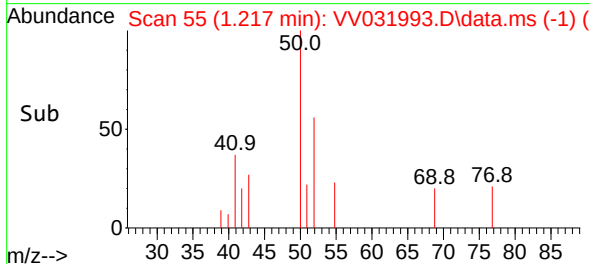
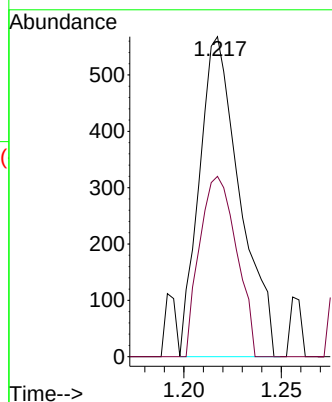


#3
Chloromethane
Concen: 0.108 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031993.D
Acq: 09 Sep 2023 12:12

Instrument :
MSVOA_V
ClientSampleId :

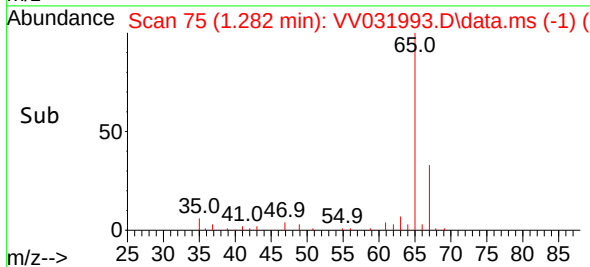
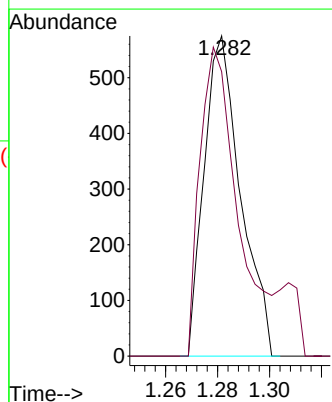
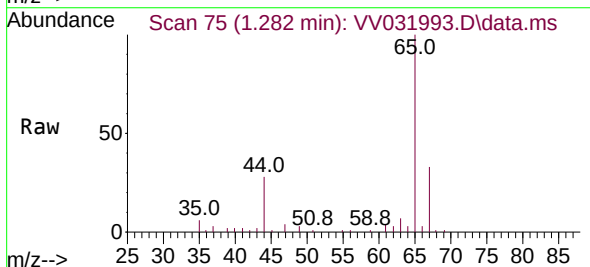


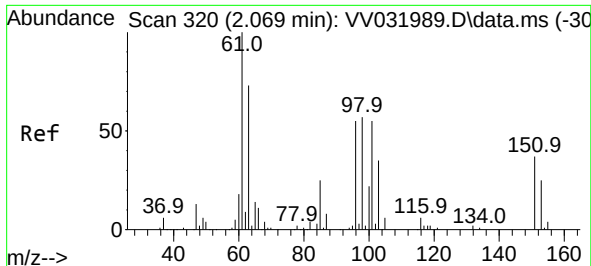
Tgt Ion: 50 Resp: 825
Ion Ratio Lower Upper
50 100
52 56.3 23.3 43.3#



#5
Vinyl chloride
Concen: 0.072 ug/L
RT: 1.282 min Scan# 75
Delta R.T. 0.000 min
Lab File: VV031993.D
Acq: 09 Sep 2023 12:12

Tgt Ion: 62 Resp: 561
Ion Ratio Lower Upper
62 100
64 88.9 21.7 40.3#





#12

1,1-Dichloroethene

Concen: 0.380 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

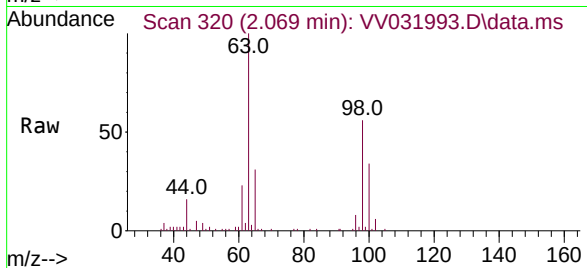
Lab File: VV031993.D

Acq: 09 Sep 2023 12:12

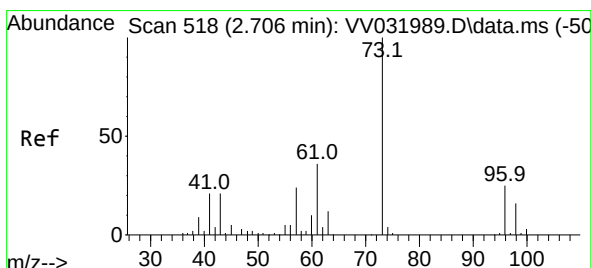
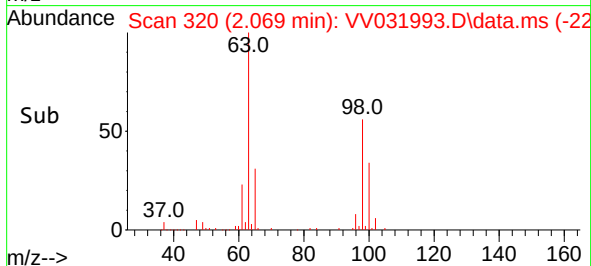
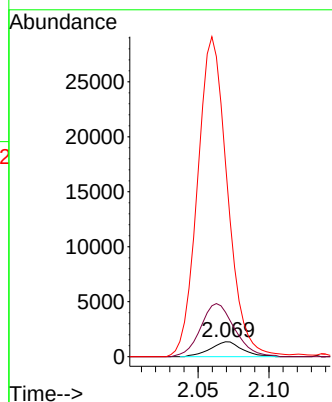
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	2133
Ion	Ratio	Lower	Upper
96	100		
61	299.0	129.0	239.6#
63	1302.2	99.0	183.8#



#17

Methyl tert-butyl Ether

Concen: 30.194 ug/L

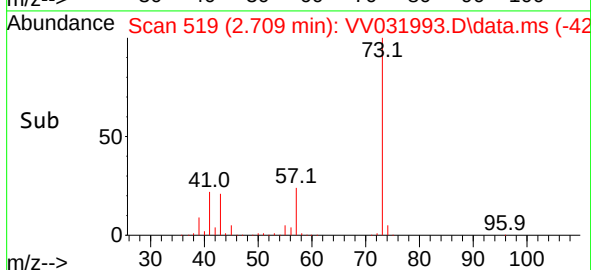
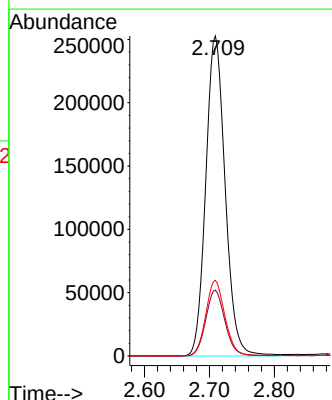
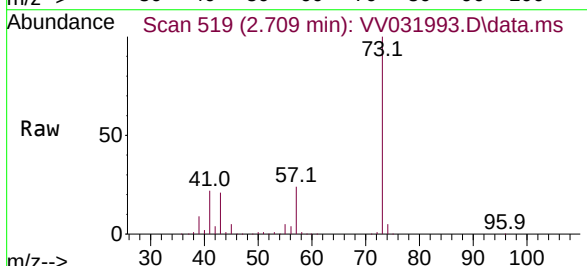
RT: 2.709 min Scan# 519

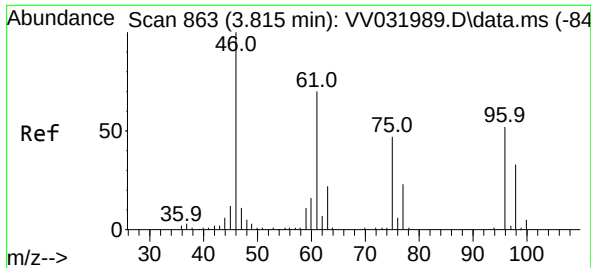
Delta R.T. 0.003 min

Lab File: VV031993.D

Acq: 09 Sep 2023 12:12

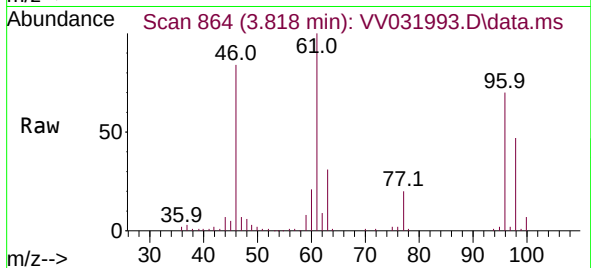
Tgt Ion:	73	Resp:	525445
Ion	Ratio	Lower	Upper
73	100		
43	20.5	15.6	23.4
57	23.5	17.8	26.8



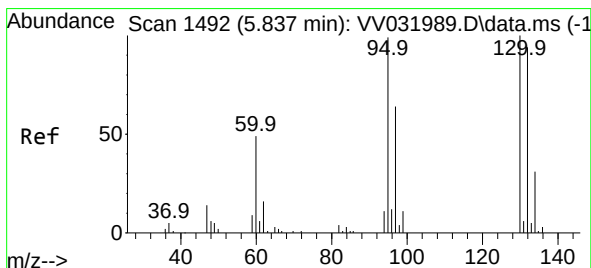
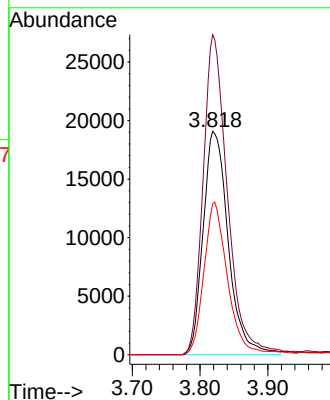
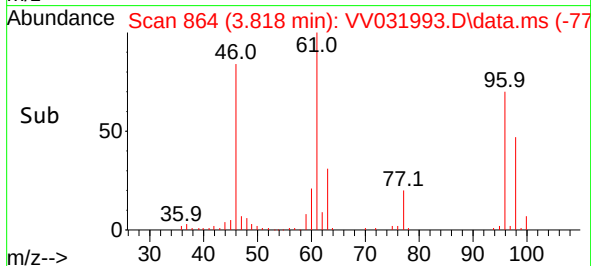


#22
cis-1,2-Dichloroethene
Concen: 6.722 ug/L
RT: 3.818 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV031993.D
Acq: 09 Sep 2023 12:12

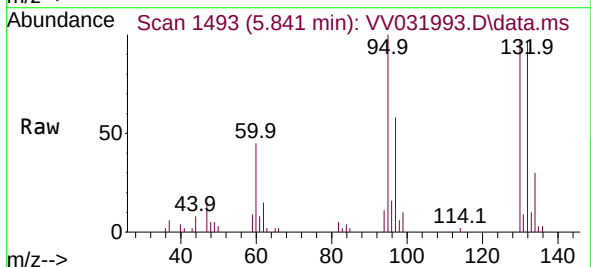
Instrument :
MSVOA_V
ClientSampleId :



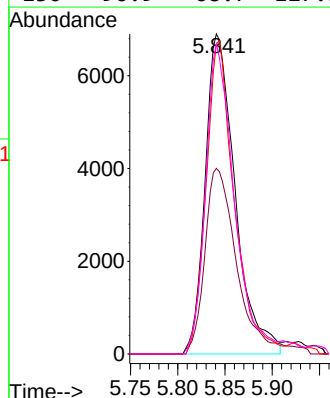
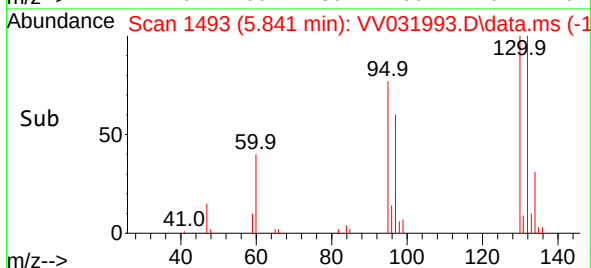
Tgt Ion: 96 Resp: 49230
Ion Ratio Lower Upper
96 100
61 143.4 94.1 174.8
98 67.6 43.8 81.4

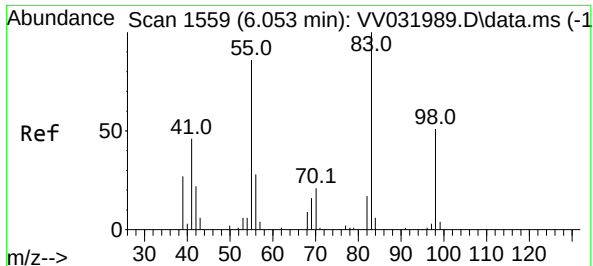


#34
Trichloroethene
Concen: 1.847 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV031993.D
Acq: 09 Sep 2023 12:12



Tgt Ion: 95 Resp: 15210
Ion Ratio Lower Upper
95 100
97 58.0 47.7 88.7
132 96.9 63.8 118.4
130 96.9 68.7 127.5





#35

Methylcyclohexane

Concen: 0.849 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.058 min

Lab File: VV031993.D

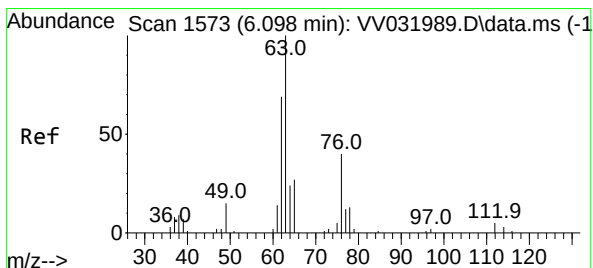
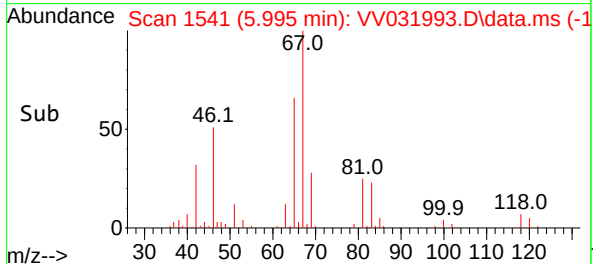
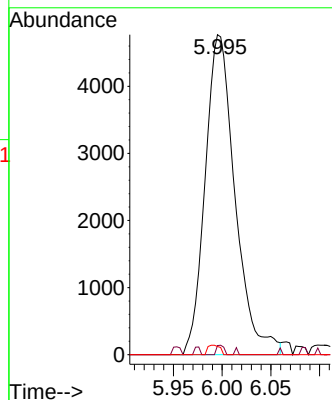
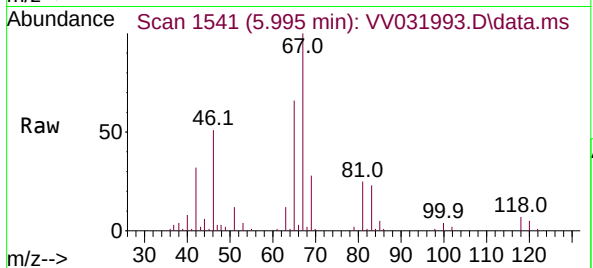
Acq: 09 Sep 2023 12:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	10181
Ion	Ratio	Lower	Upper
83	100		
55	0.7	62.6	94.0#
98	1.2	37.8	56.8#



#37

1,2-Dichloropropane

Concen: 0.650 ug/L

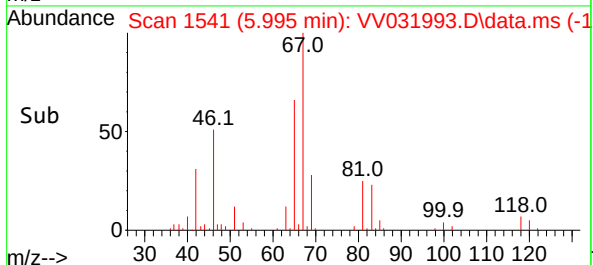
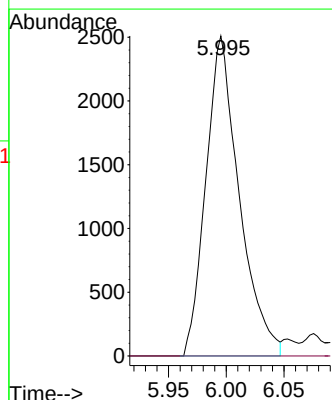
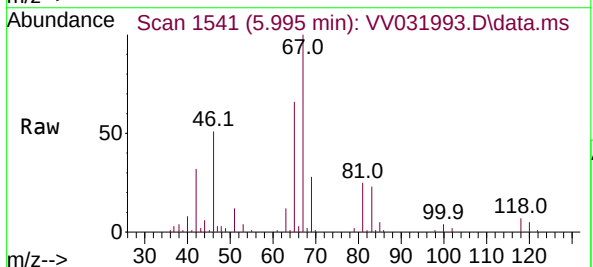
RT: 5.995 min Scan# 1541

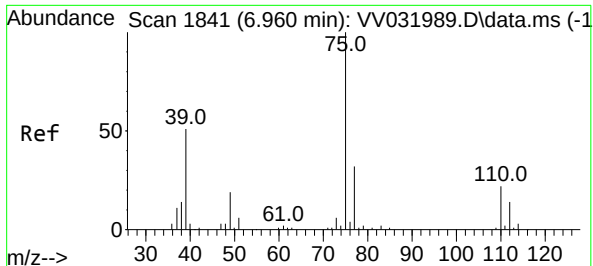
Delta R.T. -0.103 min

Lab File: VV031993.D

Acq: 09 Sep 2023 12:12

Tgt Ion:	63	Resp:	5048
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV031993.D

Acq: 09 Sep 2023 12:12

Instrument :

MSVOA_V

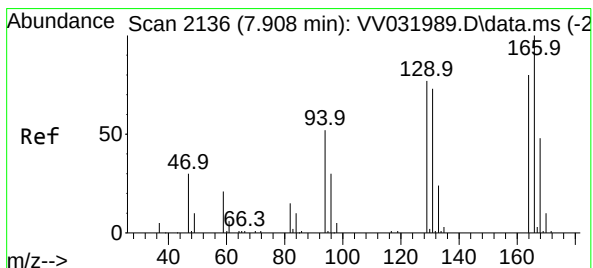
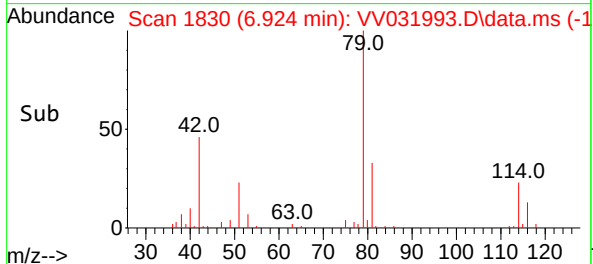
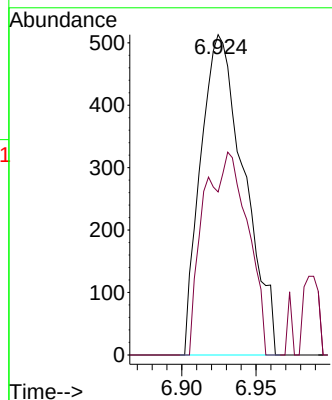
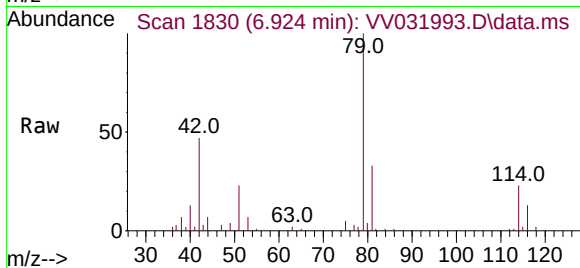
ClientSampleId :

Tgt Ion: 75 Resp: 1045

Ion Ratio Lower Upper

75 100

77 50.9 23.2 43.2#



#47

Tetrachloroethene

Concen: 0.214 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.007 min

Lab File: VV031993.D

Acq: 09 Sep 2023 12:12

Tgt Ion: 164 Resp: 1124

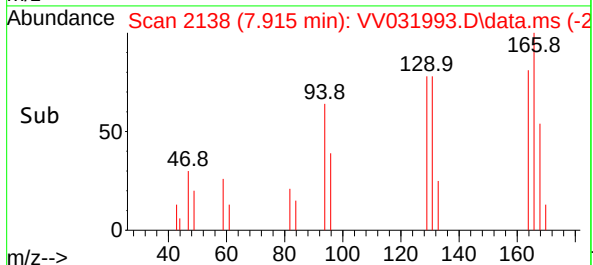
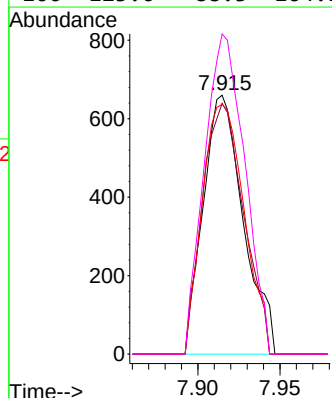
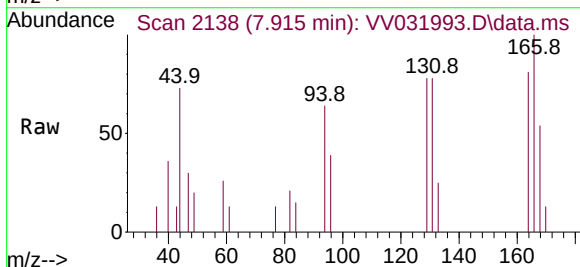
Ion Ratio Lower Upper

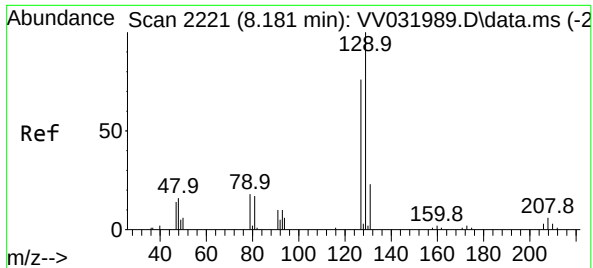
164 100

129 96.8 70.6 131.2

131 96.5 64.6 120.0

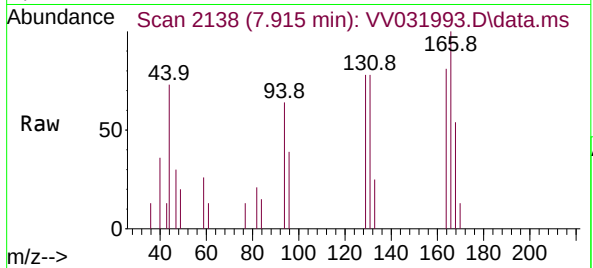
166 123.6 88.3 164.1



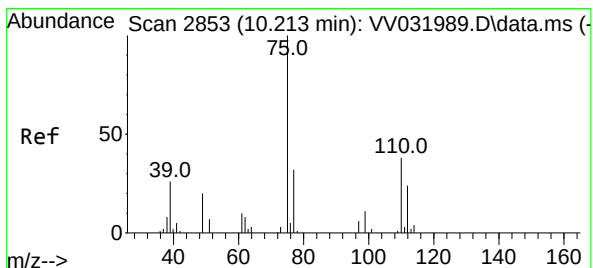
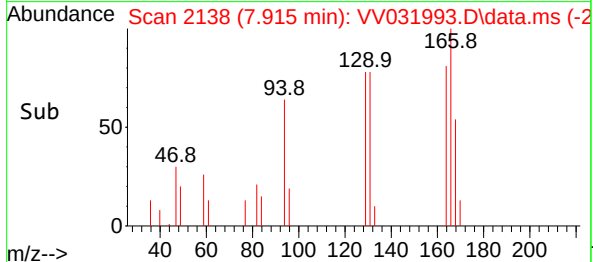
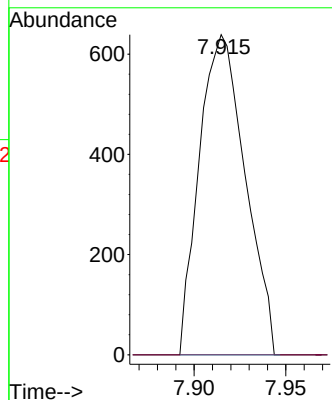


#49
Dibromochloromethane
Concen: 0.192 ug/L
RT: 7.915 min Scan# 2113
Delta R.T. -0.267 min
Lab File: VV031993.D
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Instrument :
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Tgt Ion:129 Resp: 1113
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#



#61
1,2,3-Trichloropropane
Concen: 1.818 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.978 min
Lab File: VV031993.D
Acq: 09 Sep 2023 12:12

Tgt Ion: 75 Resp: 8758
Ion Ratio Lower Upper
75 100
77 36.4 28.8 43.2
110 2.1 30.2 45.2#

