

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027661.D
 Acq On : 01 Sep 2022 11:27
 Operator : SY/MD
 Sample : N4369-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 23:16:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 07:36:37 2022
 Response via : Initial Calibration

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

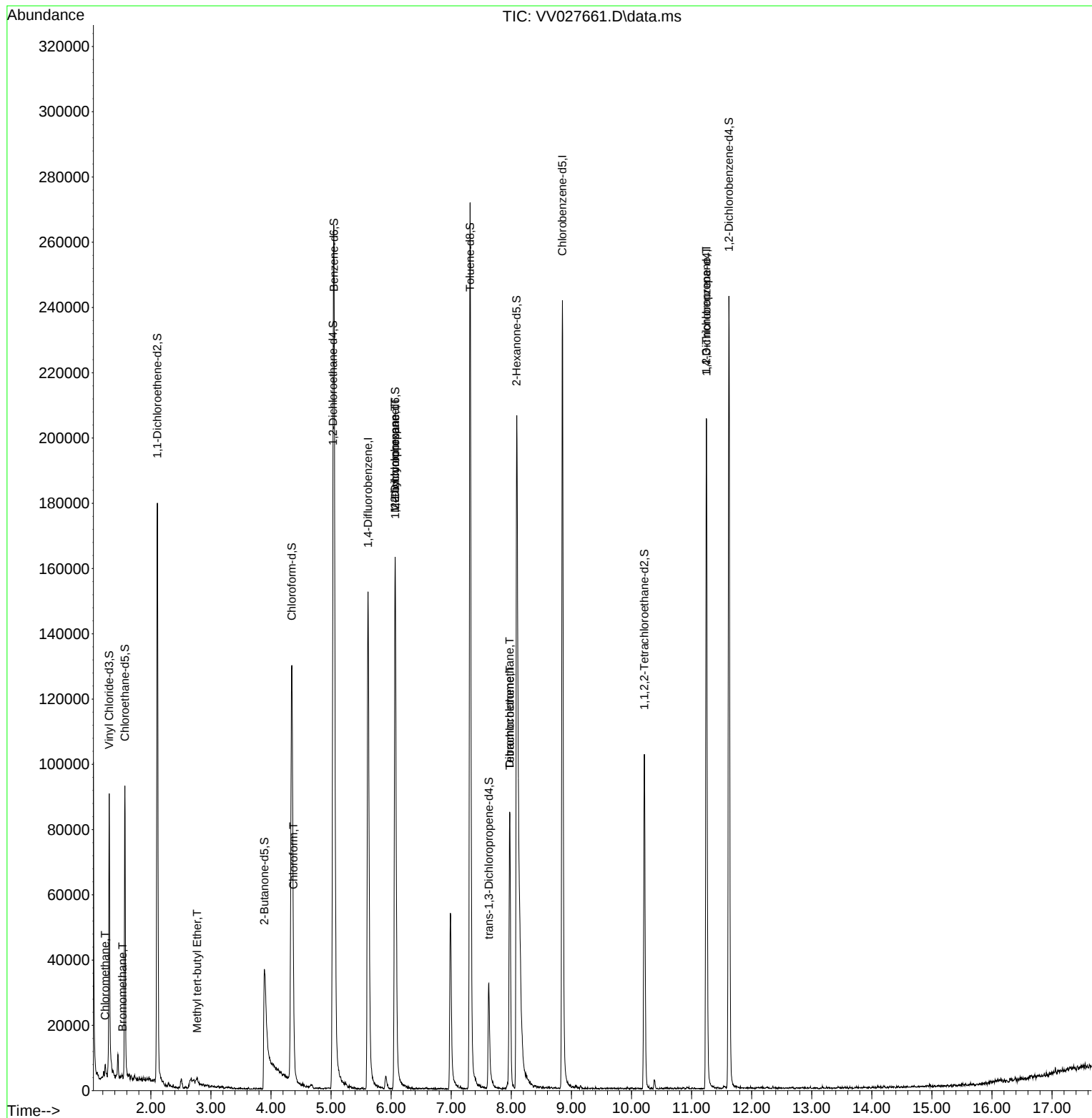
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	134018	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	136645	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54798	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62557	4.297	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.568	69	57255	4.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.108	63	96038	3.370	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	3.889	46	85834	34.869	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.740%
24) Chloroform-d	4.346	84	134427	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.031	65	65713	5.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.047	84	244887	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.069	67	78113	4.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.313	98	183858	3.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	7.625	79	20326	3.811	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.088	63	90694	45.218	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.440%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49788	4.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	62756	5.115	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2513	0.144	ug/L	97
6) Bromomethane	1.529	94	370	0.047	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	1625	0.068	ug/L #	68
25) Chloroform	4.371	83	2244	0.086	ug/L	87
35) Methylcyclohexane	6.066	83	19417	0.955	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	8871	0.659	ug/L #	89
47) Tetrachloroethene	7.976	164	18497	1.741	ug/L	98
49) Dibromochloromethane	7.973	129	17488	1.700	ug/L #	12
61) 1,2,3-Trichloropropane	11.246	75	6142	1.108	ug/L #	66

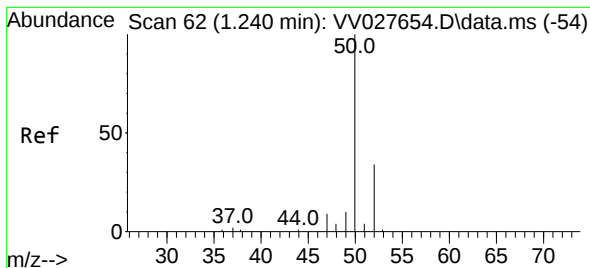
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 01 07:36:37 2022
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.144 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV027661.D

Acq: 01 Sep 2022 11:27

Instrument :

MSVOA_V

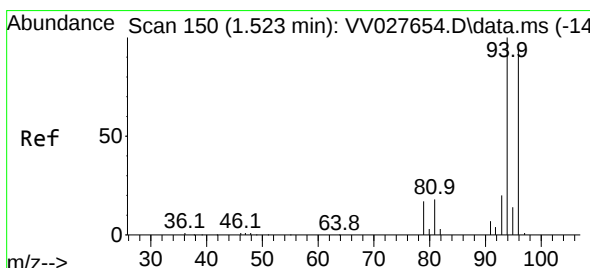
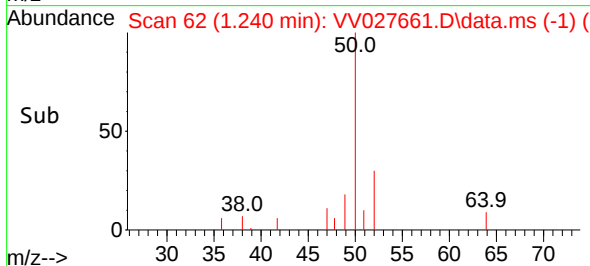
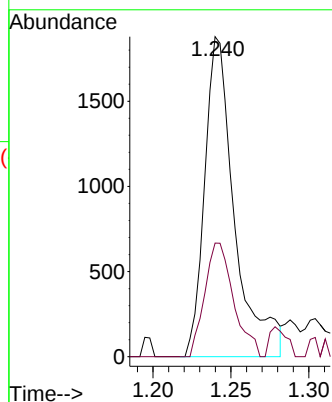
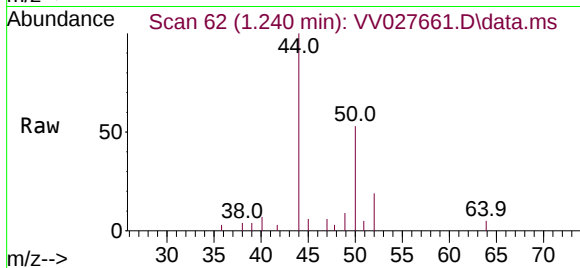
ClientSampleId :

Tgt Ion: 50 Resp: 2513

Ion Ratio Lower Upper

50 100

52 35.5 23.5 43.7



#6

Bromomethane

Concen: 0.047 ug/L

RT: 1.529 min Scan# 152

Delta R.T. 0.007 min

Lab File: VV027661.D

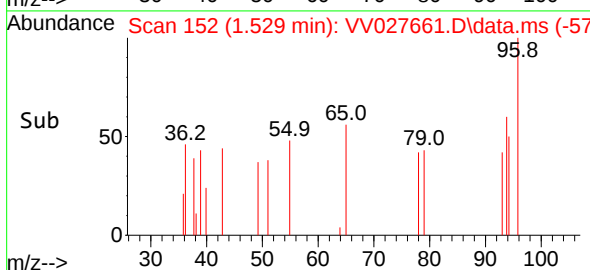
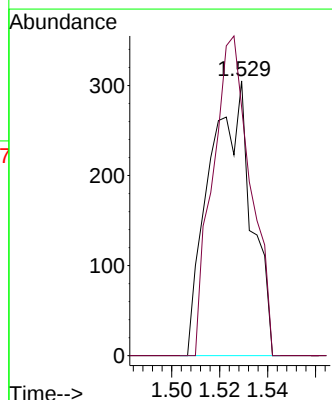
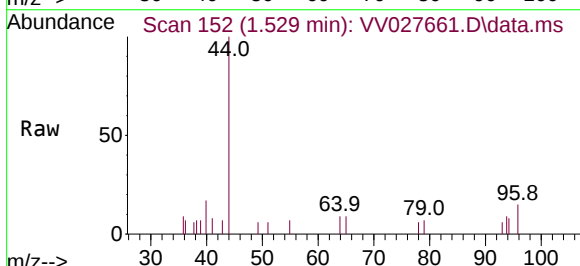
Acq: 01 Sep 2022 11:27

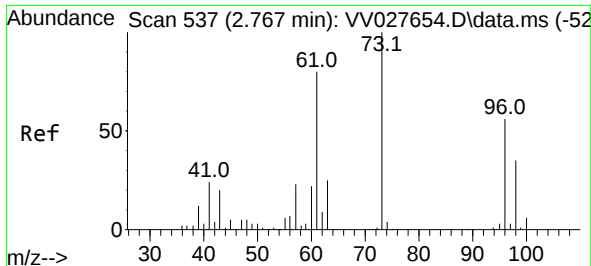
Tgt Ion: 94 Resp: 370

Ion Ratio Lower Upper

94 100

96 90.5 65.1 120.9





#17

Methyl tert-butyl Ether

Concen: 0.068 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV027661.D

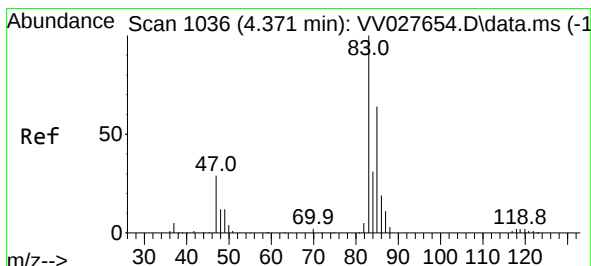
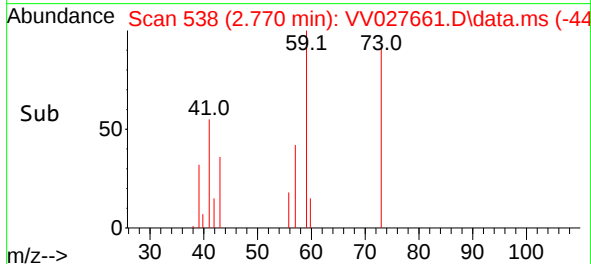
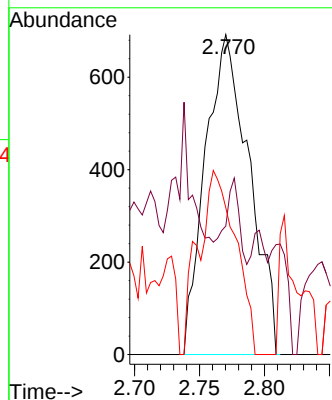
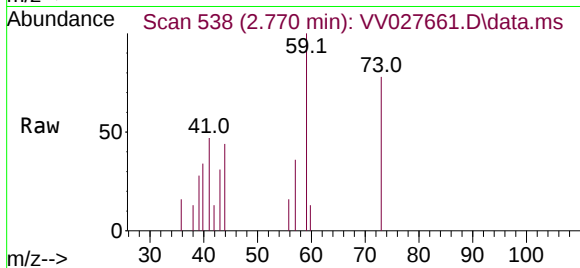
Acq: 01 Sep 2022 11:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 73	Resp: 1625
Ion Ratio	Lower Upper
73 100	
43 23.9	16.5 24.7
57 48.7	18.2 27.2#



#25

Chloroform

Concen: 0.086 ug/L

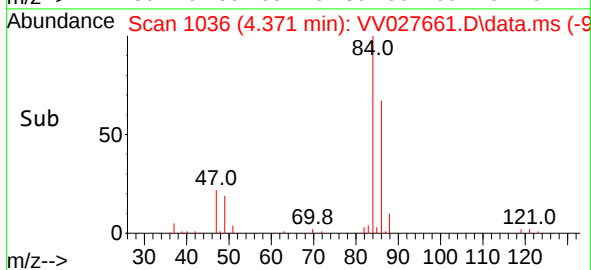
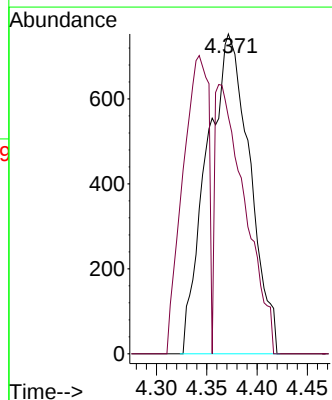
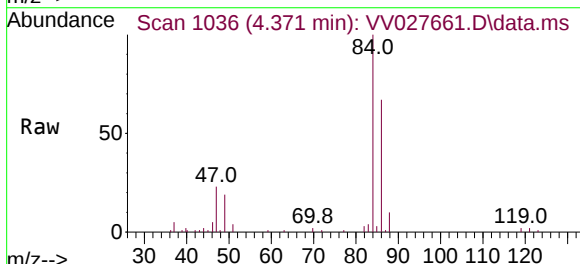
RT: 4.371 min Scan# 1036

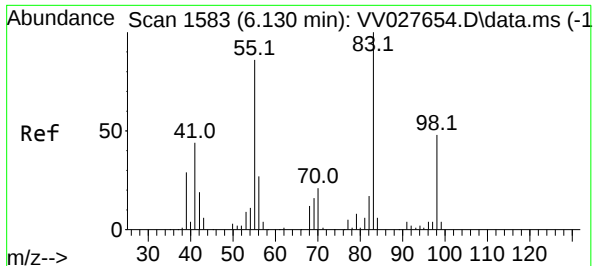
Delta R.T. 0.000 min

Lab File: VV027661.D

Acq: 01 Sep 2022 11:27

Tgt Ion: 83	Resp: 2244
Ion Ratio	Lower Upper
83 100	
85 74.1	44.7 83.1

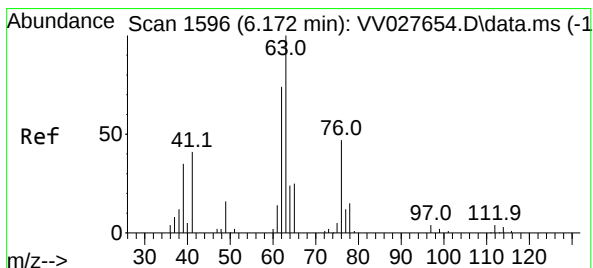
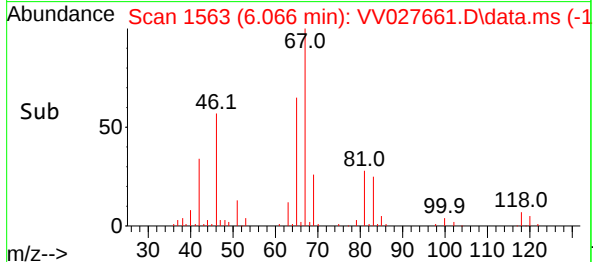
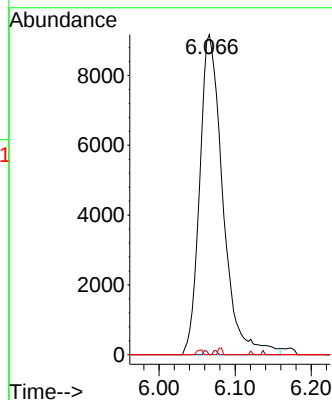
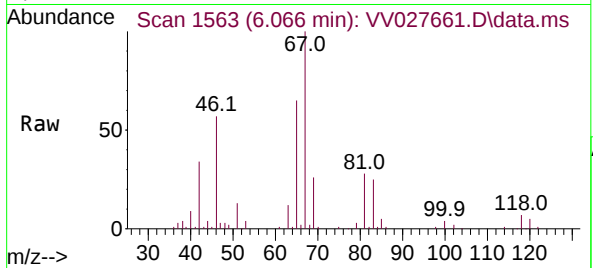




#35
Methylcyclohexane
Concen: 0.955 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV027661.D
Acq: 01 Sep 2022 11:27

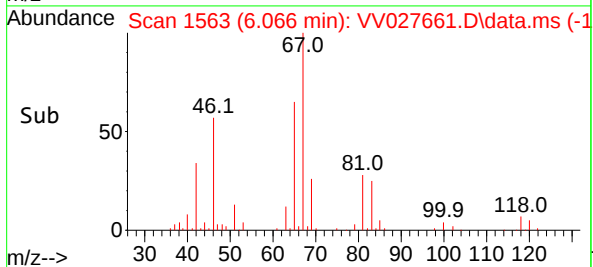
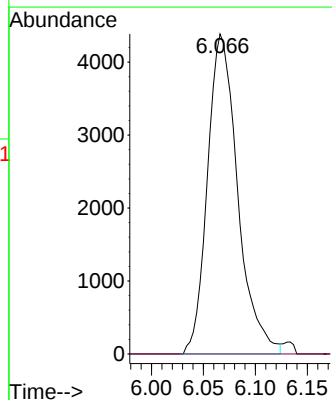
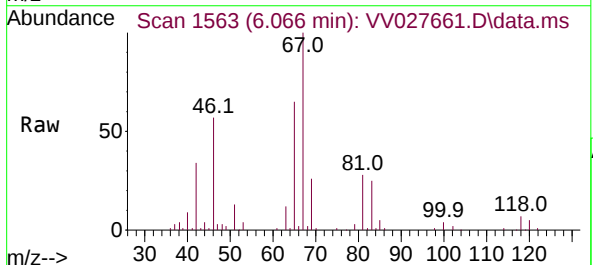
Instrument :
MSVOA_V
ClientSampleId :

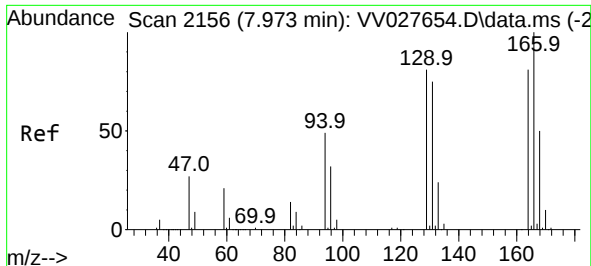
Tgt Ion: 83 Resp: 19417
Ion Ratio Lower Upper
83 100
55 0.2 66.0 99.0#
98 0.4 36.9 55.3#



#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.106 min
Lab File: VV027661.D
Acq: 01 Sep 2022 11:27

Tgt Ion: 63 Resp: 8871
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#





#47

Tetrachloroethene

Concen: 1.741 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

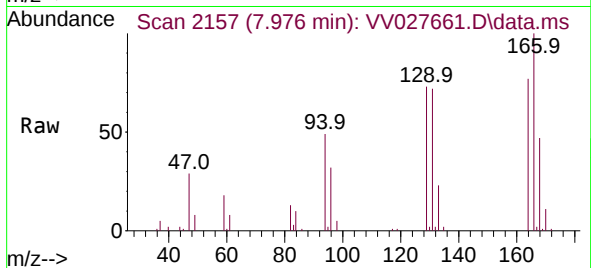
Lab File: VV027661.D

Acq: 01 Sep 2022 11:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 18497

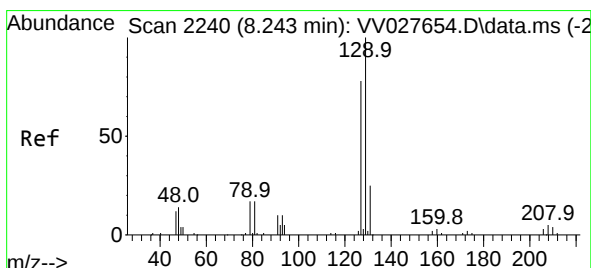
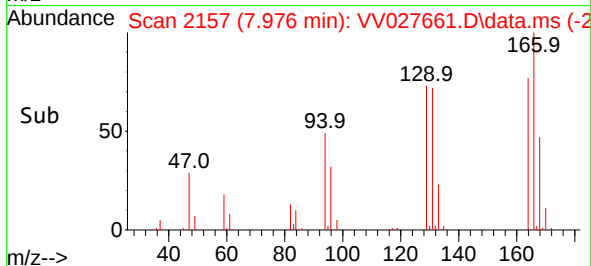
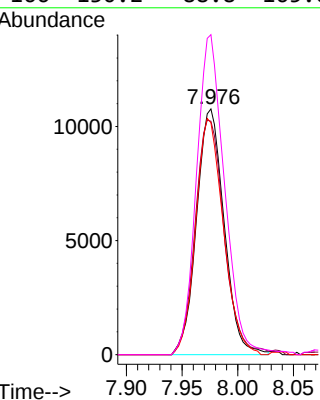
Ion Ratio Lower Upper

164 100

129 95.0 65.9 122.3

131 94.4 64.5 119.7

166 130.2 88.8 165.0



#49

Dibromochloromethane

Concen: 1.700 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027661.D

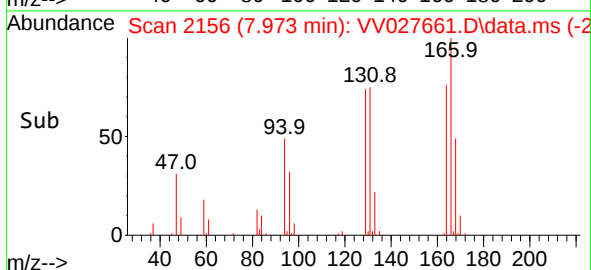
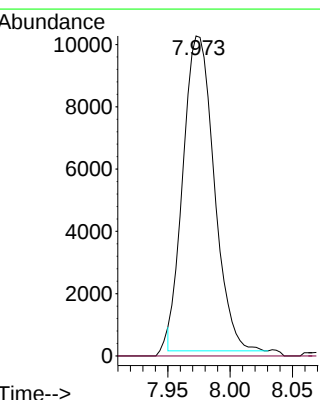
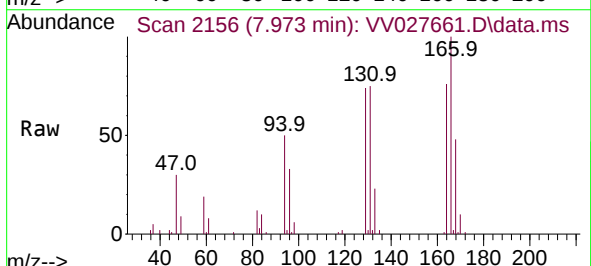
Acq: 01 Sep 2022 11:27

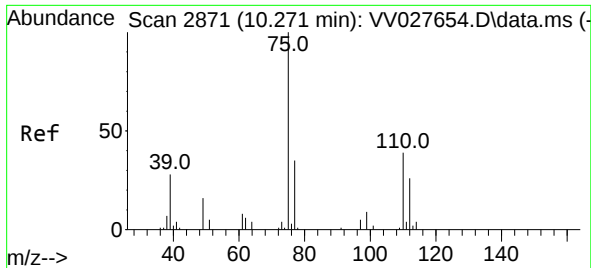
Tgt Ion:129 Resp: 17488

Ion Ratio Lower Upper

129 100

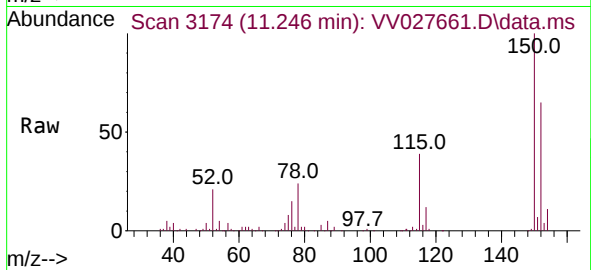
127 0.0 52.4 97.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.108 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV027661.D
 Acq: 01 Sep 2022 11:27

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	6142
Ion	Ratio	Lower Upper
75	100	
77	35.8	25.8 38.6
110	2.9	29.8 44.8#

