

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026979.D
 Acq On : 27 Jul 2022 02:56
 Operator : SY/MD
 Sample : N3880-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUF6

Quant Time: Jul 27 07:02:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 02:43:35 2022
 Response via : Initial Calibration

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

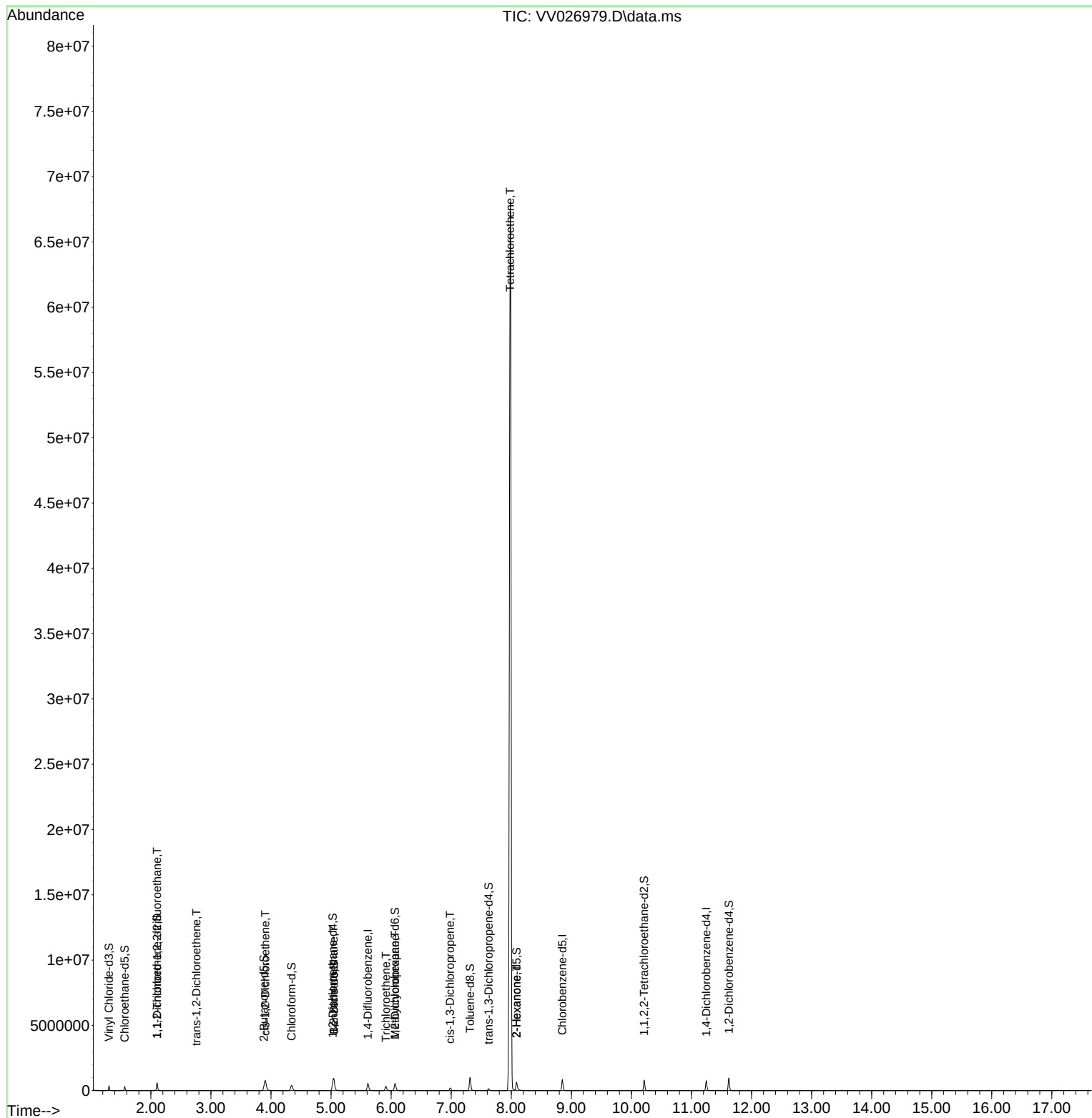
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	493196	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	480227	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	202991	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	230320	55.680	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 111.360%			
7) Chloroethane-d5	1.565	69	194200	58.033	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 116.060%			
11) 1,1-Dichloroethene-d2	2.105	63	302875	40.699	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.400%			
21) 2-Butanone-d5	3.883	46	301795	108.241	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.240%			
24) Chloroform-d	4.343	84	438498	53.864	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.720%			
26) 1,2-Dichloroethane-d4	5.027	65	265690	57.056	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.120%			
32) Benzene-d6	5.047	84	877093	60.422	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 120.840%			
36) 1,2-Dichloropropane-d6	6.066	67	284882	60.898	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 121.800%#			
41) Toluene-d8	7.313	98	692419	54.516	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.040%			
43) trans-1,3-Dichloroprop...	7.622	79	92674	47.279	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.560%			
47) 2-Hexanone-d5	8.088	63	224669	110.299	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.300%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	390328	54.925	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.840%			
66) 1,2-Dichlorobenzene-d4	11.622	152	251541	66.052	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 132.100%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	3116	0.763	ug/L #	23
17) trans-1,2-Dichloroethene	2.757	96	4418	1.096	ug/L	96
20) cis-1,2-Dichloroethene	3.905	96	401972	94.660	ug/L	97
27) 1,2-Dichloroethane	5.043	62	4415	0.791	ug/L	100
34) Trichloroethene	5.912	95	118141	29.769	ug/L	99
35) Methylcyclohexane	6.066	83	68948	11.734	ug/L #	21
39) cis-1,3-Dichloropropene	6.982	75	5105	0.915	ug/L #	68
46) Tetrachloroethene	7.982	164	16831550	5436.930	ug/L	88
48) 2-Hexanone	8.088	43	23247	6.244	ug/L #	77

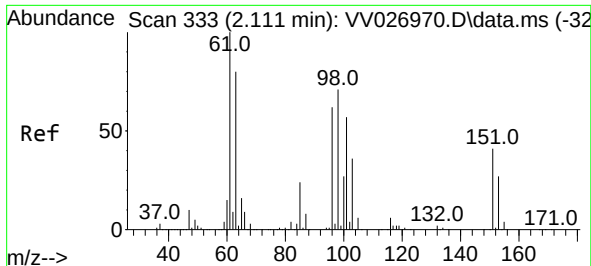
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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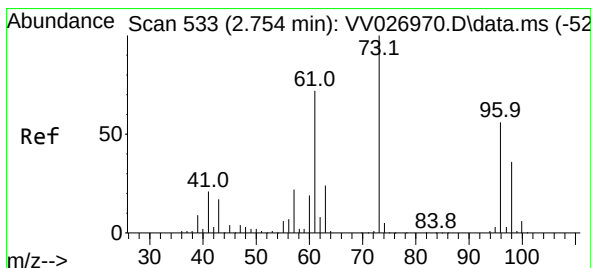
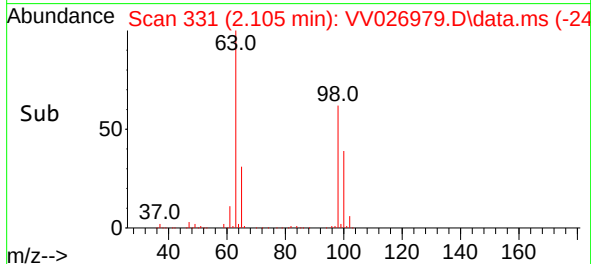
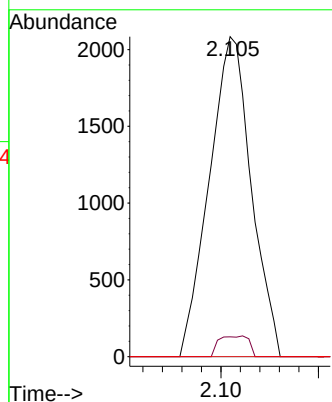
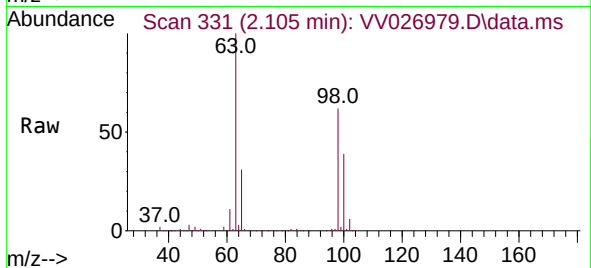




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.763 ug/L
RT: 2.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV026979.D
Acq: 27 Jul 2022 02:56

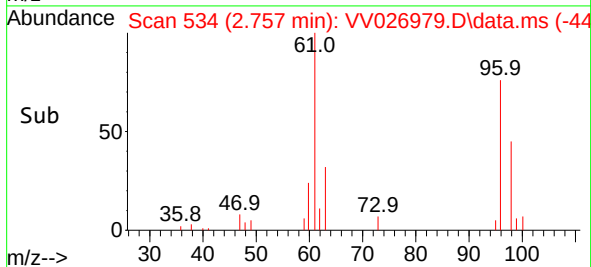
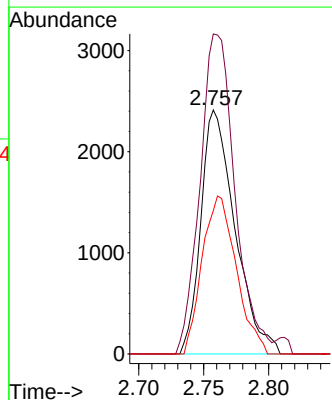
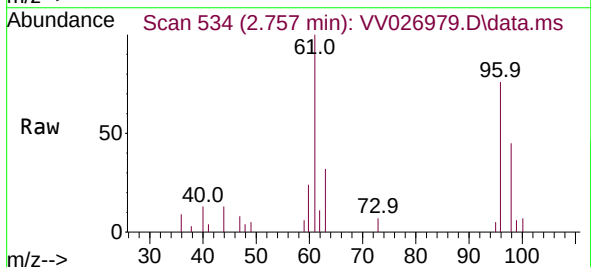
Instrument :
MSVOA_V
ClientSampleId :
DBUF6

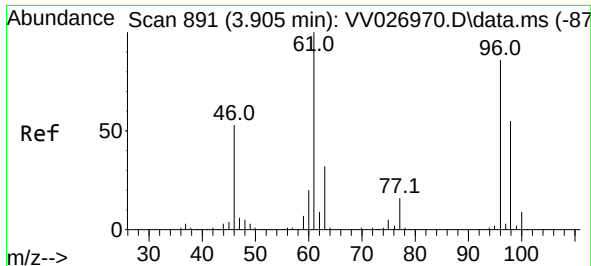
Tgt Ion:101 Resp: 3116
Ion Ratio Lower Upper
101 100
85 3.0 33.1 49.7#
151 0.0 57.1 85.7#



#17
trans-1,2-Dichloroethene
Concen: 1.096 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV026979.D
Acq: 27 Jul 2022 02:56

Tgt Ion: 96 Resp: 4418
Ion Ratio Lower Upper
96 100
61 131.1 89.2 165.6
98 58.8 44.7 82.9

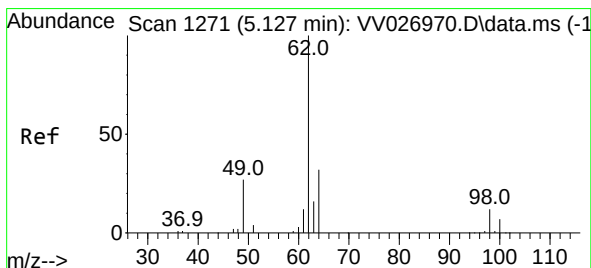
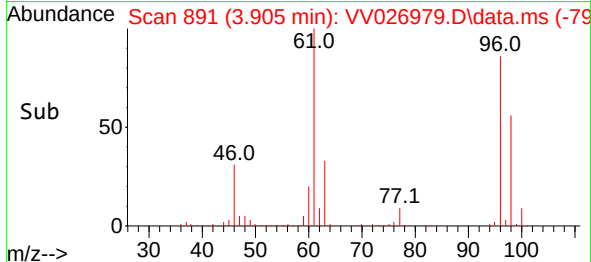
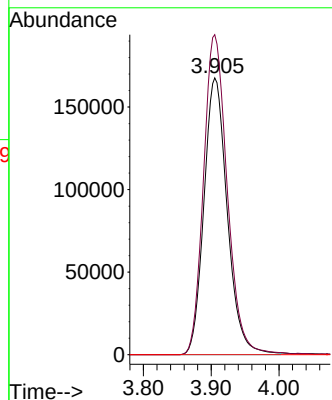
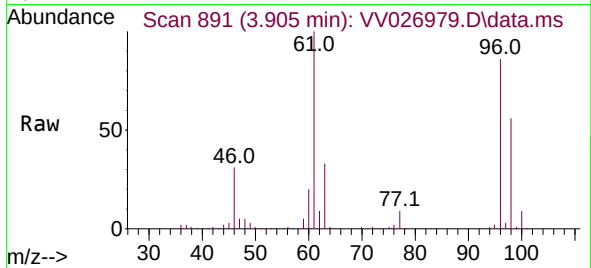




#20
cis-1,2-Dichloroethene
Concen: 94.660 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV026979.D
Acq: 27 Jul 2022 02:56

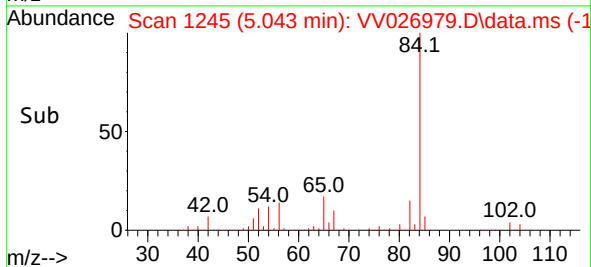
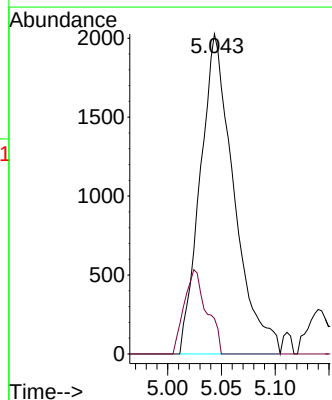
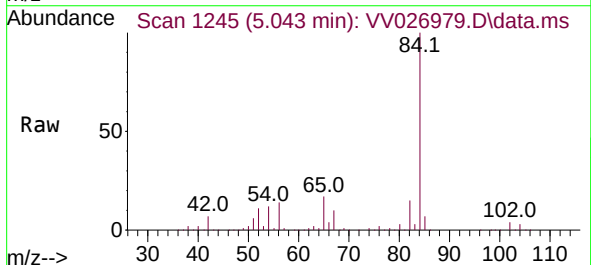
Instrument :
MSVOA_V
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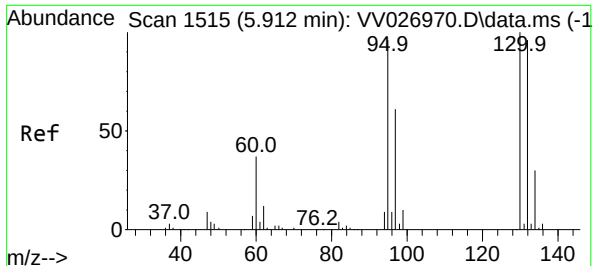
Tgt Ion: 96 Resp: 401972
Ion Ratio Lower Upper
96 100
61 115.6 83.0 154.1
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 0.791 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.084 min
Lab File: VV026979.D
Acq: 27 Jul 2022 02:56

Tgt Ion: 62 Resp: 4415
Ion Ratio Lower Upper
62 100
98 11.1 8.9 13.3

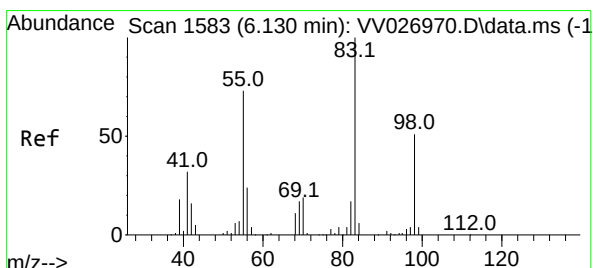
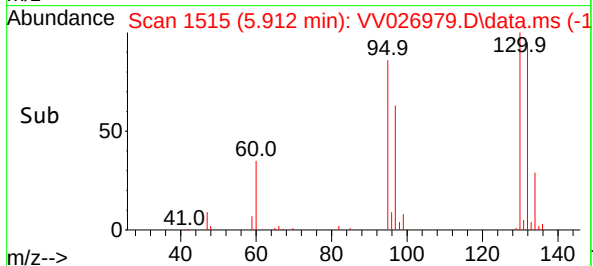
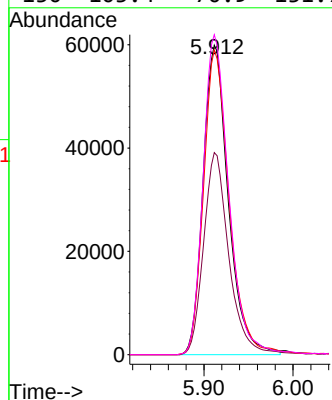
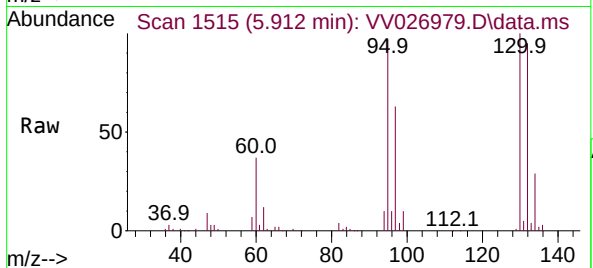




#34
Trichloroethene
Concen: 29.769 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV026979.D
Acq: 27 Jul 2022 02:56

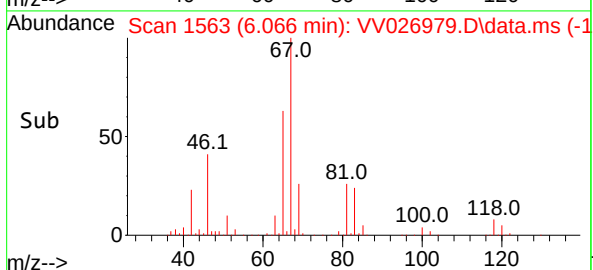
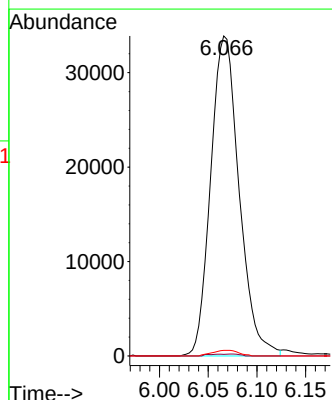
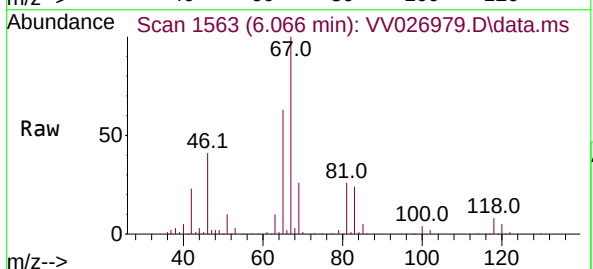
Instrument :
MSVOA_V
ClientSampleId :
DBUF6

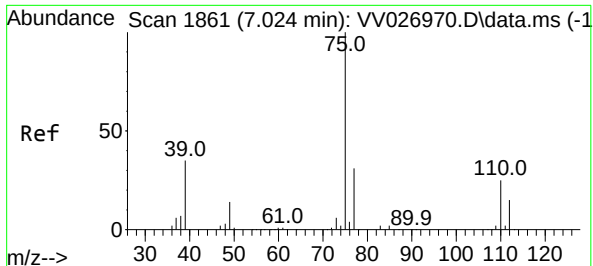
Tgt Ion: 95 Resp: 118141
Ion Ratio Lower Upper
95 100
97 65.3 45.9 85.3
132 98.4 68.1 126.5
130 103.4 70.9 131.7



#35
Methylcyclohexane
Concen: 11.734 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV026979.D
Acq: 27 Jul 2022 02:56

Tgt Ion: 83 Resp: 68948
Ion Ratio Lower Upper
83 100
55 0.3 57.4 86.2#
98 1.6 39.4 59.0#





#39

cis-1,3-Dichloropropene

Concen: 0.915 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV026979.D

Acq: 27 Jul 2022 02:56

Instrument :

MSVOA_V

ClientSampleId :

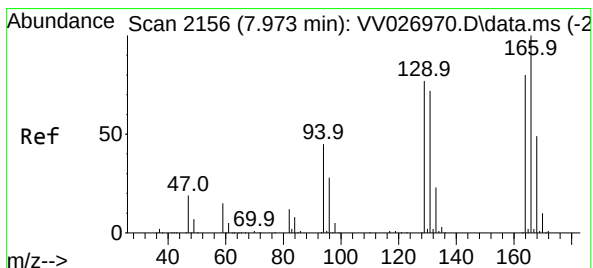
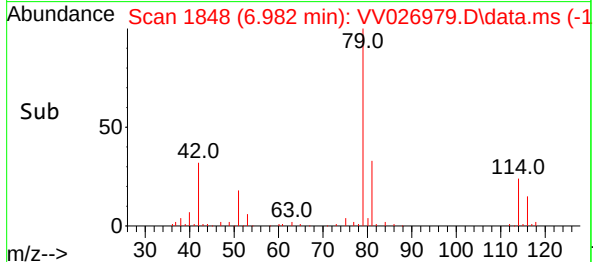
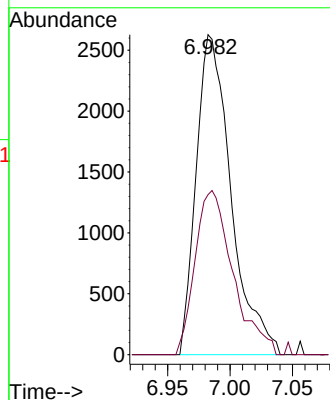
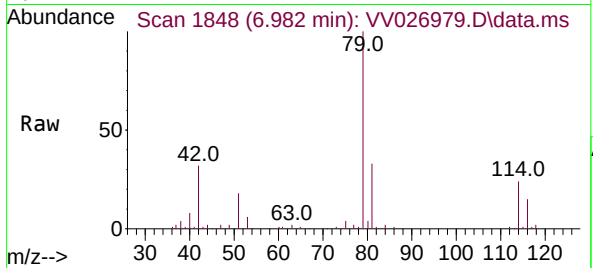
DBUF6

Tgt Ion: 75 Resp: 5105

Ion Ratio Lower Upper

75 100

77 50.0 22.4 41.6#



#46

Tetrachloroethene

Concen: 5436.930 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV026979.D

Acq: 27 Jul 2022 02:56

Tgt Ion: 164 Resp: 16831550

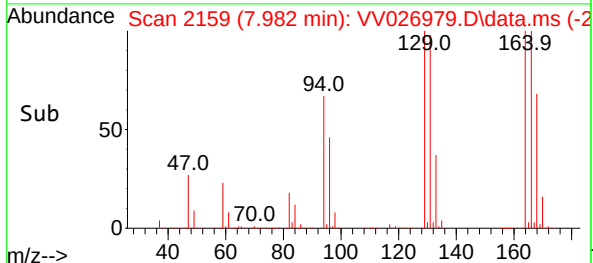
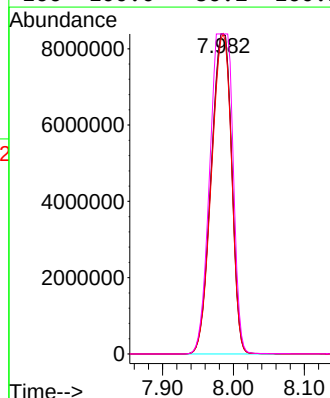
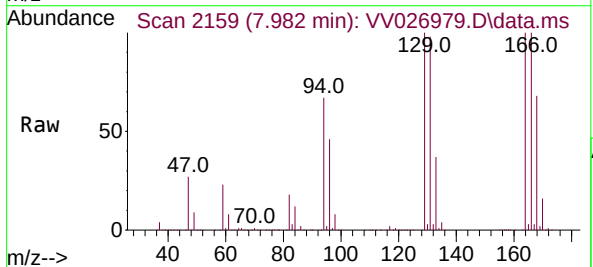
Ion Ratio Lower Upper

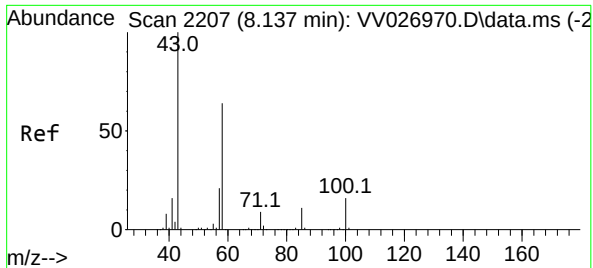
164 100

129 100.0 66.3 123.1

131 98.4 63.1 117.3

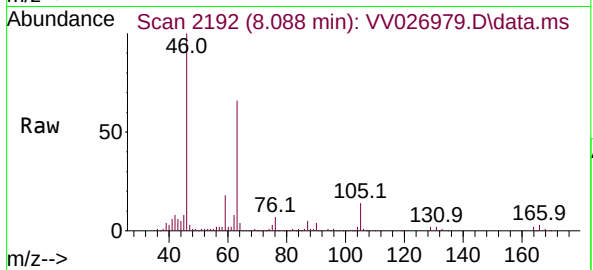
166 100.0 86.2 160.2





#48
 2-Hexanone
 Concen: 6.244 ug/L
 RT: 8.088 min Scan# 21
 Delta R.T. -0.048 min
 Lab File: VV026979.D
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Tgt Ion: 43 Resp: 23247

Ion	Ratio	Lower	Upper
43	100		
58	44.5	48.8	73.2#
57	30.8	16.6	24.8#
100	1.4	11.6	17.4#

