

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
 Data File : VV027086.D
 Acq On : 29 Jul 2022 15:42
 Operator : SY/MD
 Sample : N3880-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUF8

Quant Time: Jul 30 00:07:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 30 00:04:45 2022
 Response via : Initial Calibration

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

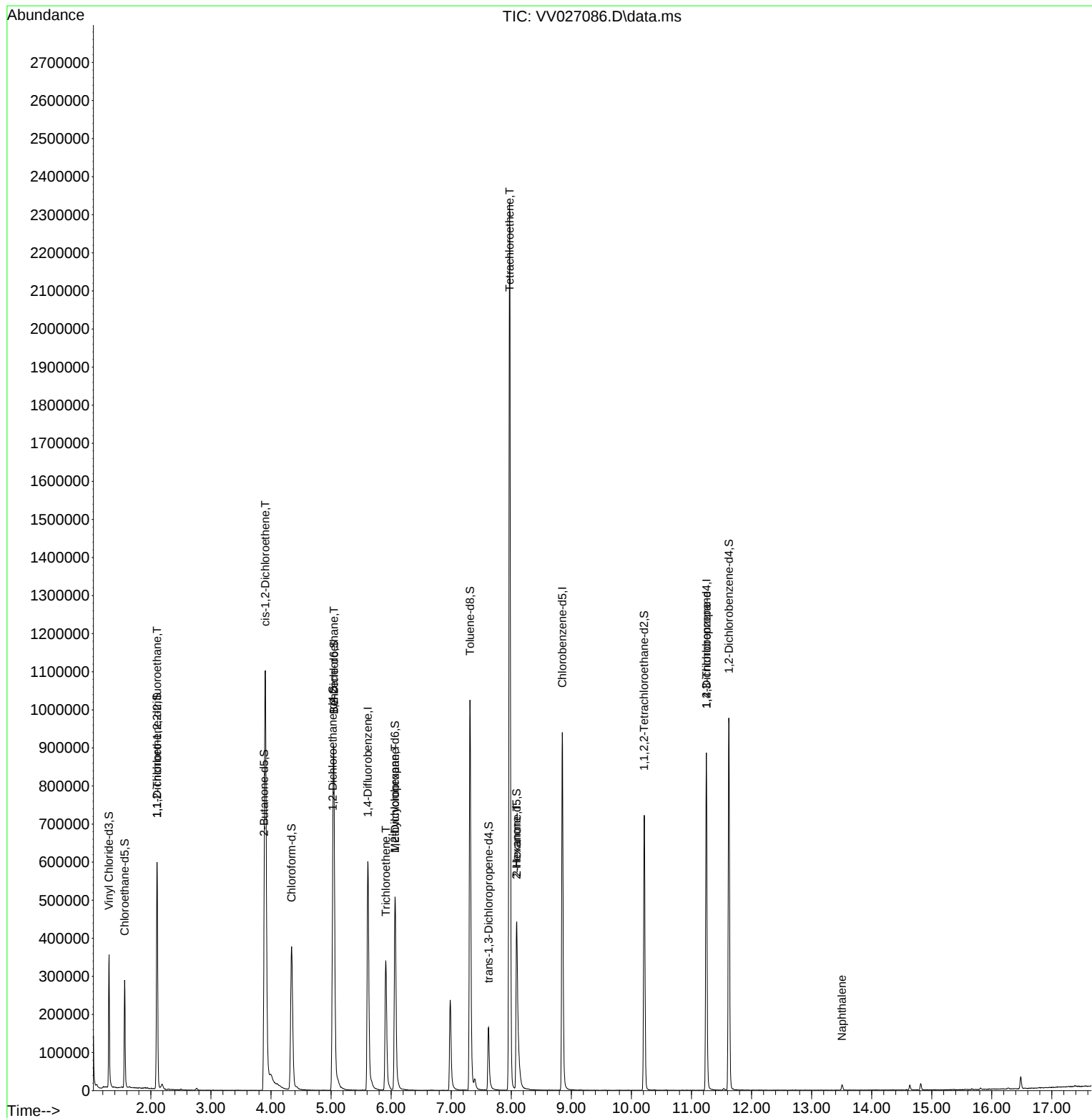
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	557039	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	549686	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	236805	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	228687	43.153	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.300%		
7) Chloroethane-d5	1.564	69	186688	44.461	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.920%		
11) 1,1-Dichloroethene-d2	2.101	63	311897	34.570	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.140%		
21) 2-Butanone-d5	3.886	46	186724	61.792	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	61.790%		
24) Chloroform-d	4.342	84	407862	42.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.460%		
26) 1,2-Dichloroethane-d4	5.027	65	238746	44.063	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.120%		
32) Benzene-d6	5.046	84	872371	45.194	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.380%		
36) 1,2-Dichloropropane-d6	6.066	67	269572	45.628	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.260%		
41) Toluene-d8	7.313	98	723198	41.450	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.900%		
43) trans-1,3-Dichloroprop...	7.622	79	103855	39.794	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.580%		
47) 2-Hexanone-d5	8.088	63	202032	79.546	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.550%		
56) 1,1,2,2-Tetrachloroeth...	10.213	84	365700	41.053	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.100%		
66) 1,2-Dichlorobenzene-d4	11.622	152	258146	48.493	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.980%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.104	101	2939	0.708	ug/L #	21
20) cis-1,2-Dichloroethene	3.905	96	622589	135.531	ug/L	98
27) 1,2-Dichloroethane	5.046	62	4211	0.748	ug/L	99
34) Trichloroethene	5.911	95	125229	27.467	ug/L	100
35) Methylcyclohexane	6.066	83	64611	9.499	ug/L #	21
46) Tetrachloroethene	7.972	164	537721	150.785	ug/L	99
48) 2-Hexanone	8.091	43	27932	6.321	ug/L #	65
61) 1,2,3-Trichloropropane	11.249	75	27151	5.467	ug/L #	64
71) Naphthalene	13.506	128	12998	0.897	ug/L	98

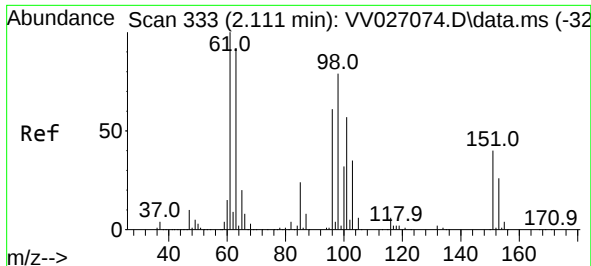
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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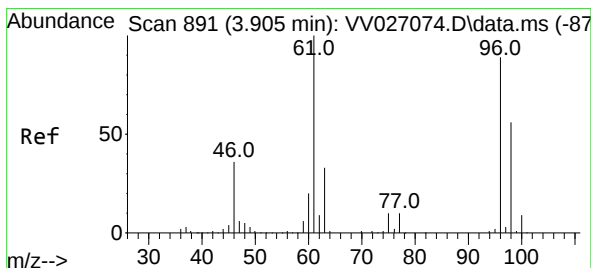
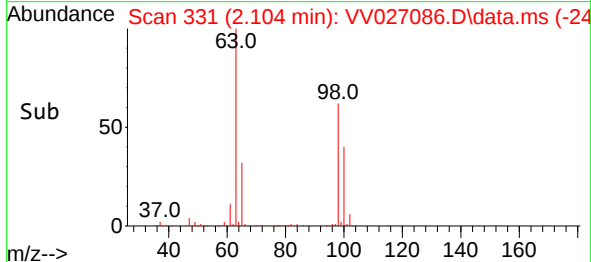
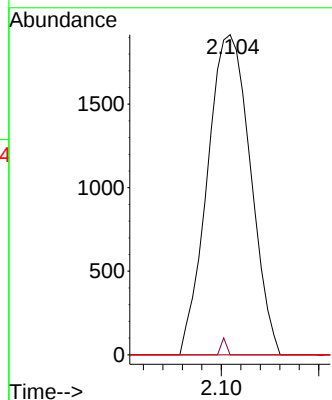
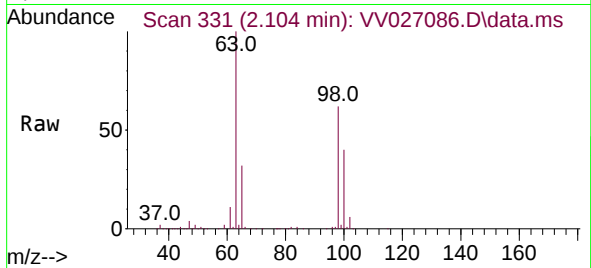




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.708 ug/L
 RT: 2.104 min Scan# 311
 Delta R.T. -0.007 min
 Lab File: VV027086.D
 Acq: 29 Jul 2022 15:42

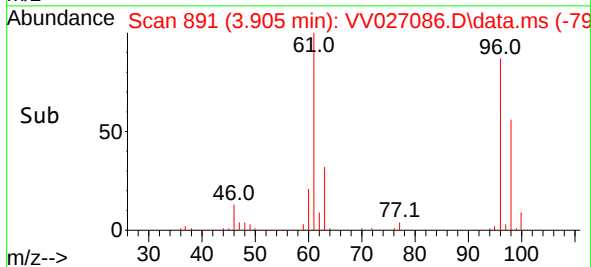
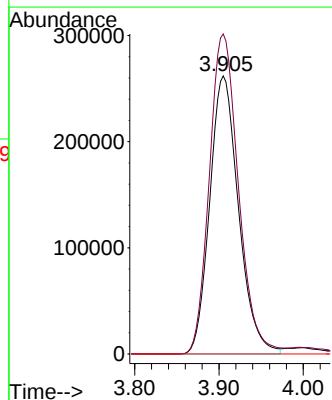
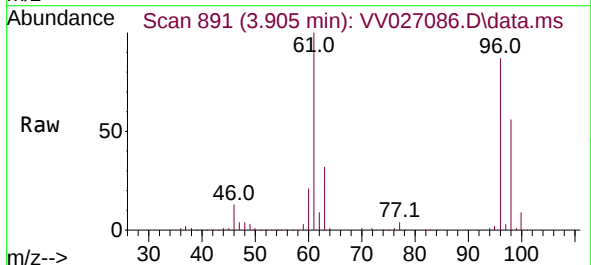
Instrument :
 MSVOA_V
 ClientSampleId :
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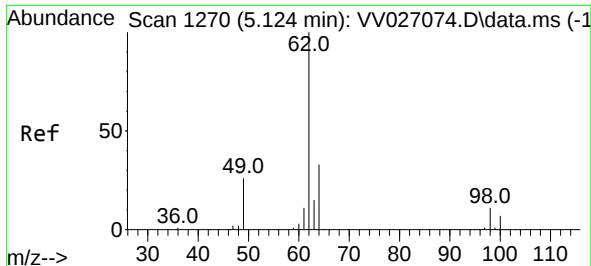
Tgt Ion:101 Resp: 2939
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.1 51.1#
 151 0.0 57.8 86.8#



#20
 cis-1,2-Dichloroethene
 Concen: 135.531 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.000 min
 Lab File: VV027086.D
 Acq: 29 Jul 2022 15:42

Tgt Ion: 96 Resp: 622589
 Ion Ratio Lower Upper
 96 100
 61 115.1 81.8 151.8
 68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.748 ug/L

RT: 5.046 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV027086.D

Acq: 29 Jul 2022 15:42

Instrument :

MSVOA_V

ClientSampleId :

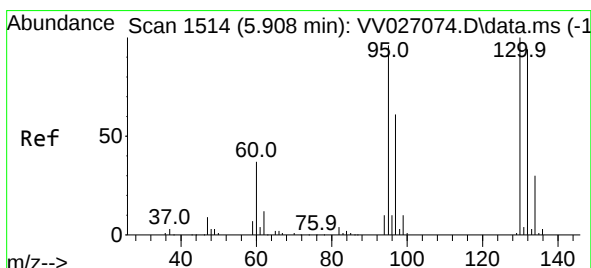
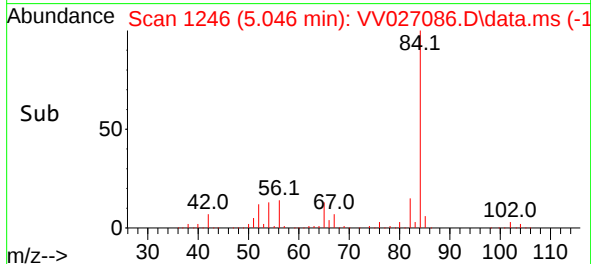
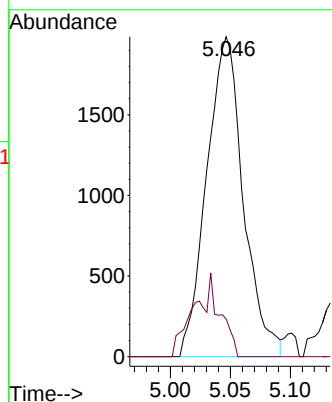
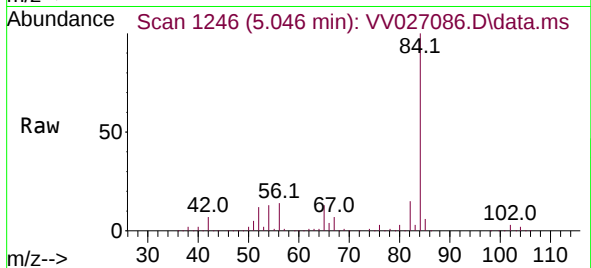
DBUF8

Tgt Ion: 62 Resp: 4211

Ion Ratio Lower Upper

62 100

98 11.8 9.0 13.6



#34

Trichloroethene

Concen: 27.467 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV027086.D

Acq: 29 Jul 2022 15:42

Tgt Ion: 95 Resp: 125229

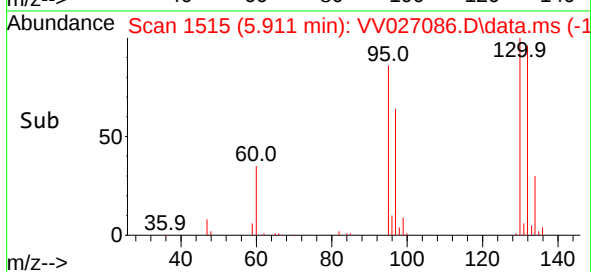
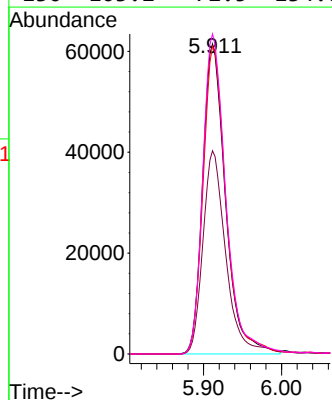
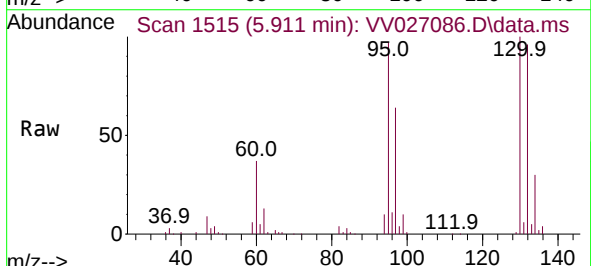
Ion Ratio Lower Upper

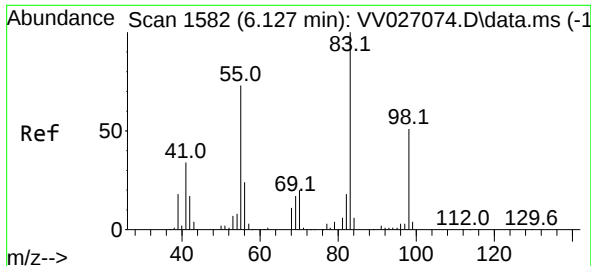
95 100

97 65.5 45.9 85.3

132 99.3 69.8 129.6

130 103.2 72.5 134.7

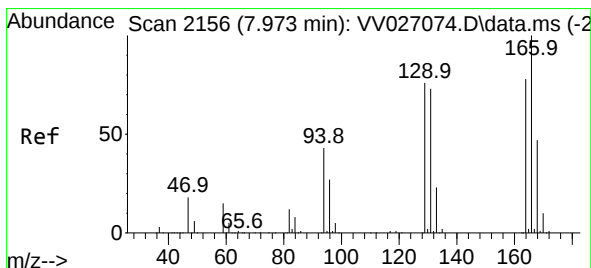
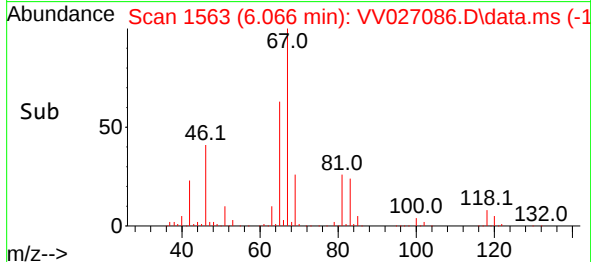
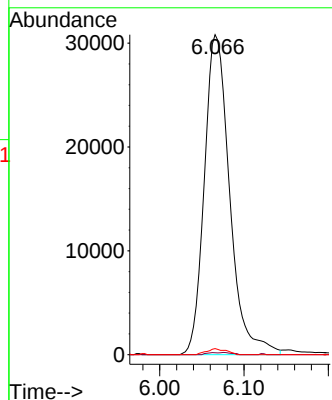
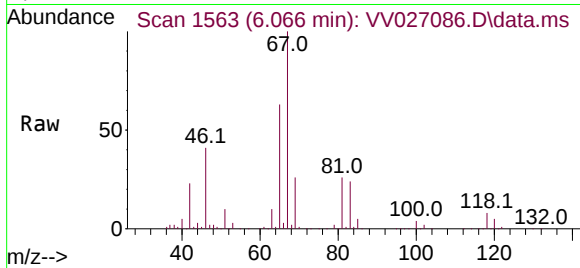




#35
Methylcyclohexane
Concen: 9.499 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV027086.D
Acq: 29 Jul 2022 15:42

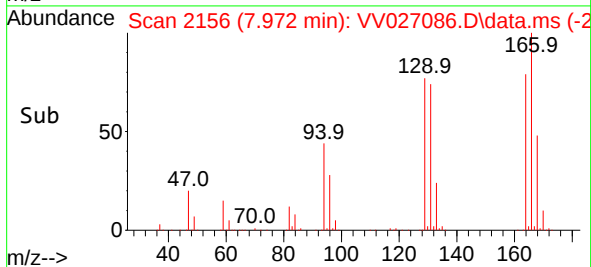
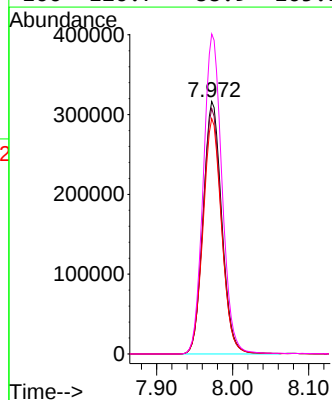
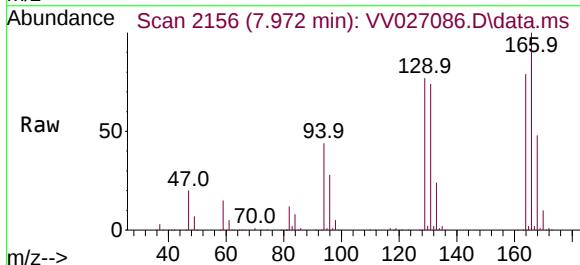
Instrument :
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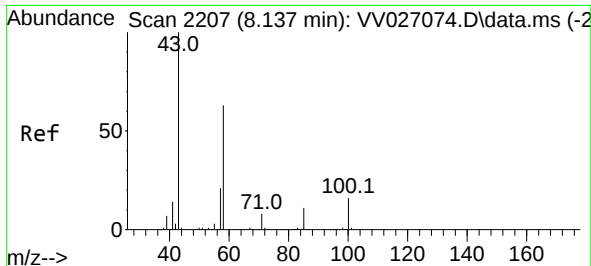
Tgt Ion: 83 Resp: 64611
Ion Ratio Lower Upper
83 100
55 0.3 55.5 83.3#
98 1.1 39.0 58.4#



#46
Tetrachloroethene
Concen: 150.785 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027086.D
Acq: 29 Jul 2022 15:42

Tgt Ion:164 Resp: 537721
Ion Ratio Lower Upper
164 100
129 97.2 67.5 125.4
131 93.2 64.3 119.3
166 126.7 88.9 165.1

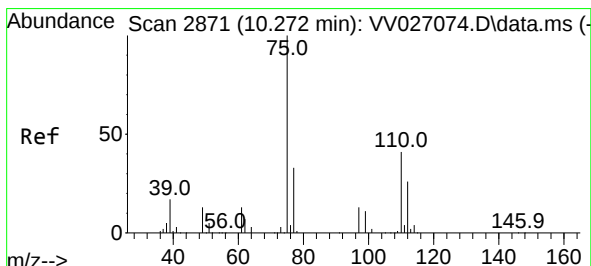
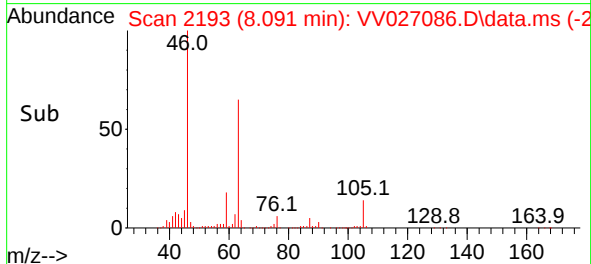
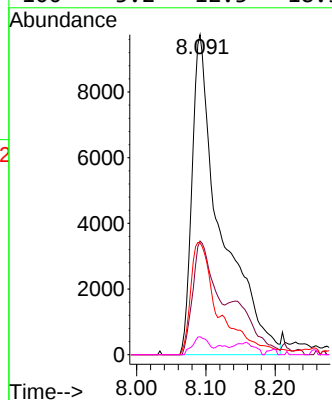
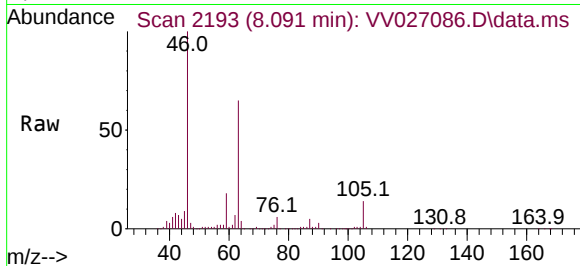




#48
2-Hexanone
Concen: 6.321 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.045 min
Lab File: VV027086.D
Acq: 29 Jul 2022 15:42

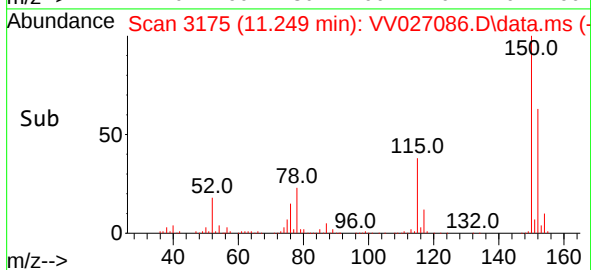
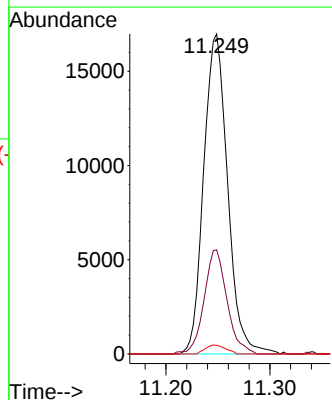
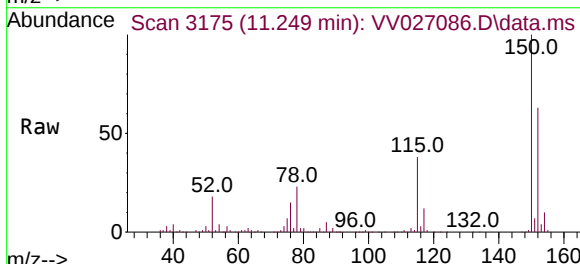
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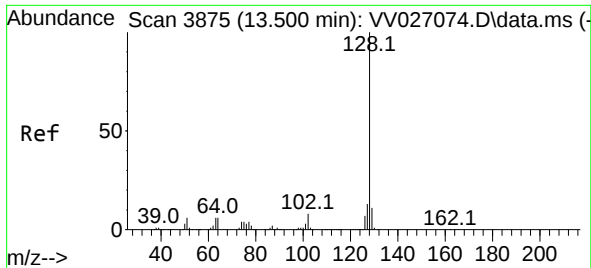
Tgt Ion: 43	Resp: 27932
Ion Ratio	Lower Upper
43 100	
58 27.5	50.8 76.2#
57 24.4	17.1 25.7
100 3.2	12.3 18.5#



#61
1,2,3-Trichloropropane
Concen: 5.467 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV027086.D
Acq: 29 Jul 2022 15:42

Tgt Ion: 75	Resp: 27151
Ion Ratio	Lower Upper
75 100	
77 30.9	25.8 38.8
110 2.4	32.7 49.1#





#71

Naphthalene

Concen: 0.897 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.006 min

Lab File: VV027086.D

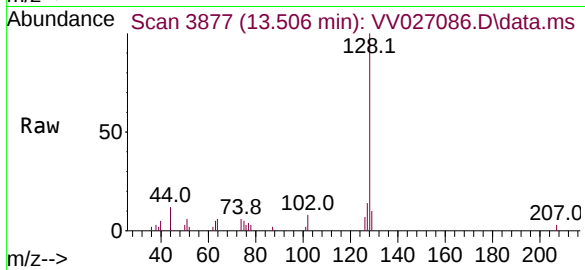
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Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion:	128	Resp:	12998
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	9.6	8.6	13.0

