

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
 Data File : VV021366.D
 Acq On : 21 May 2021 18:11
 Operator : SY/MD
 Sample : M2494-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB423

Quant Time: May 22 01:40:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 12:12:53 2021
 Response via : Initial Calibration

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

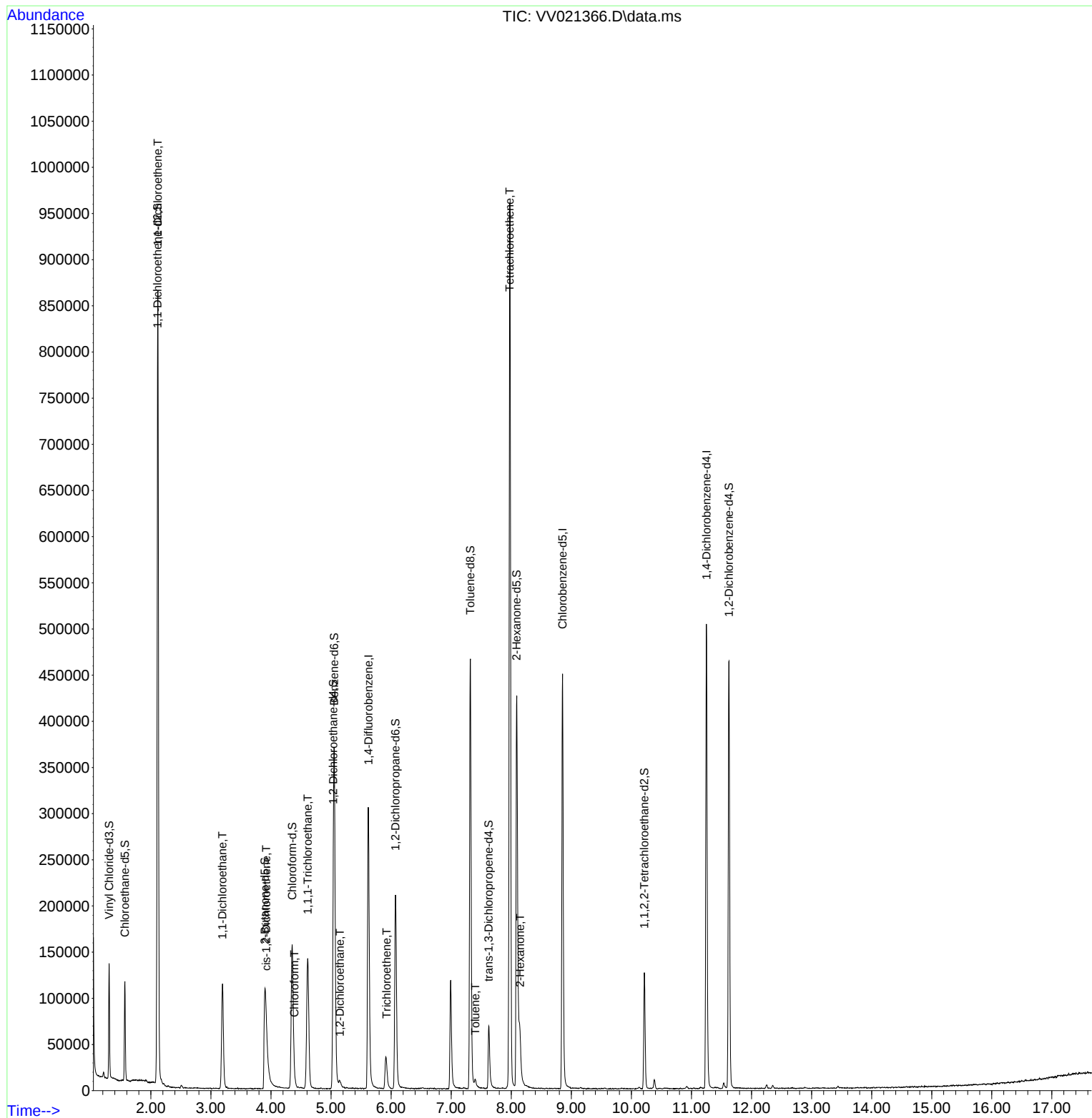
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	280887	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	262323	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	143385	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	79728	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.568	69	67911	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.111	63	219797	7.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	143.40%#
20) 2-Butanone-d5	3.899	46	226532	46.27	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.54%
24) Chloroform-d	4.352	84	167166	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.037	65	81377	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.053	84	343886	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.072	67	107945	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.320	98	316222	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloroprop...	7.625	79	44310	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.088	63	154254	42.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.34%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	62140	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	130981	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	241090	15.55	ug/L #	86
19) 1,1-Dichloroethane	3.192	63	118372	3.55	ug/L	99
22) cis-1,2-Dichloroethene	3.921	96	4500	0.22	ug/L	93
25) Chloroform	4.388	83	5984	0.17	ug/L	97
27) 1,2-Dichloroethane	5.146	62	5781	0.30	ug/L	95
29) 1,1,1-Trichloroethane	4.613	97	120883	3.76	ug/L	97
34) Trichloroethene	5.925	95	6188	0.28	ug/L	97
42) Toluene	7.404	91	6385	0.08	ug/L	98
47) Tetrachloroethene	7.976	164	231851	12.69	ug/L	96
48) 2-Hexanone	8.146	43	41135	4.94	ug/L #	83

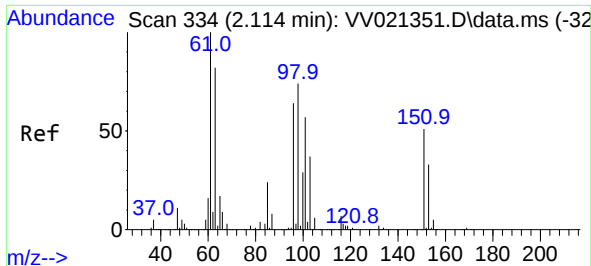
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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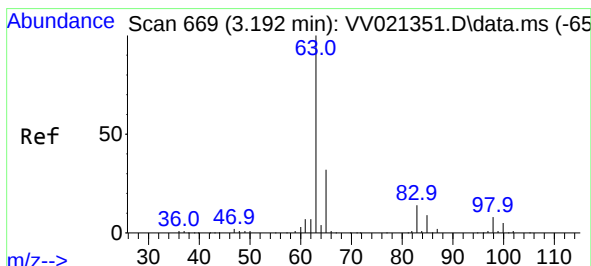
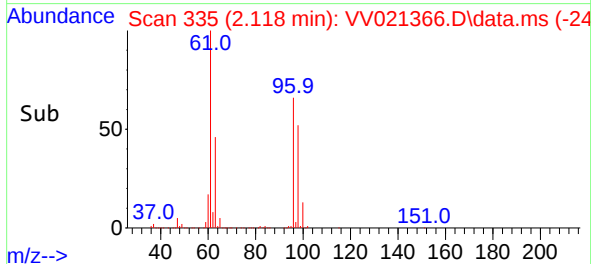
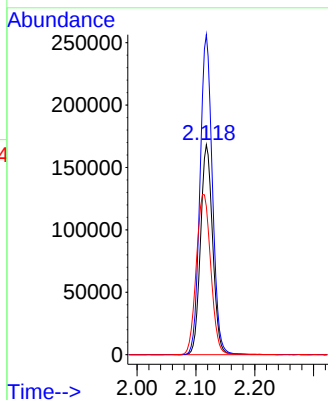
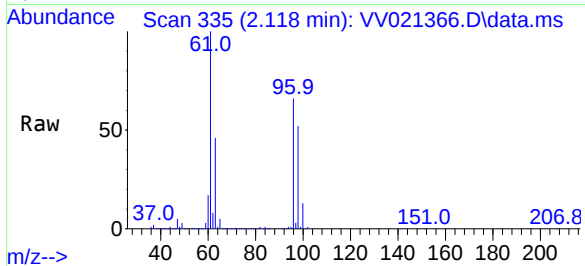




#12
1,1-Dichloroethene
Concen: 15.55 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

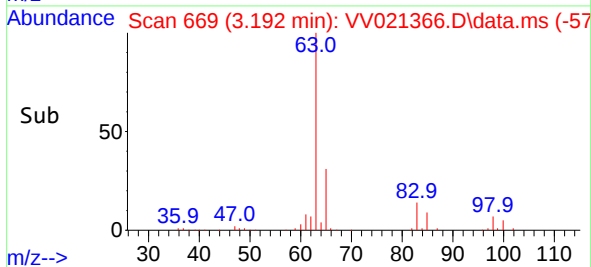
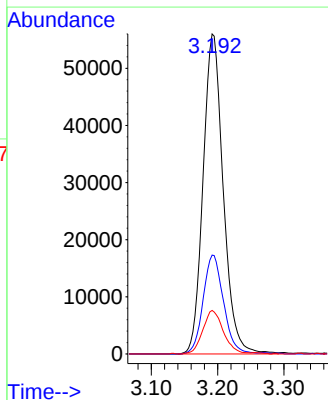
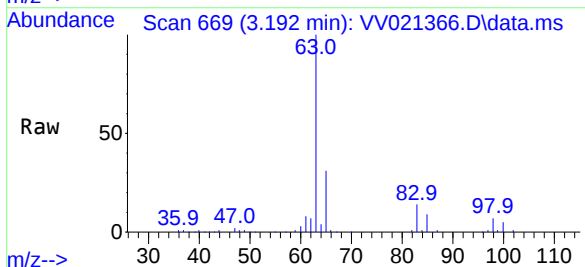
Instrument :
MSVOA_V
ClientSampleId :
GB423

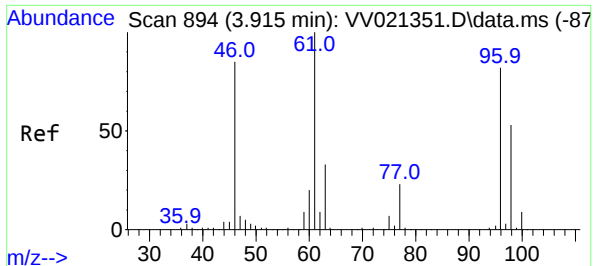
Tgt Ion: 96 Resp: 241090
Ion Ratio Lower Upper
96 100
61 152.4 109.8 204.0
63 70.5 71.3 132.3#



#19
1,1-Dichloroethane
Concen: 3.55 ug/L
RT: 3.192 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

Tgt Ion: 63 Resp: 118372
Ion Ratio Lower Upper
63 100
65 30.9 22.3 41.5
83 13.6 9.7 17.9

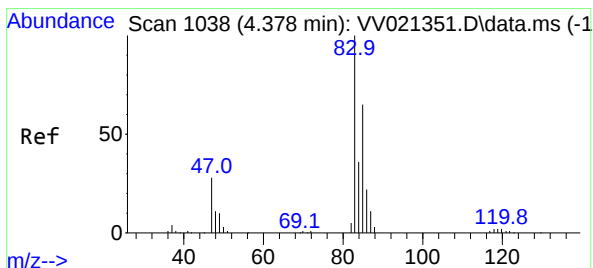
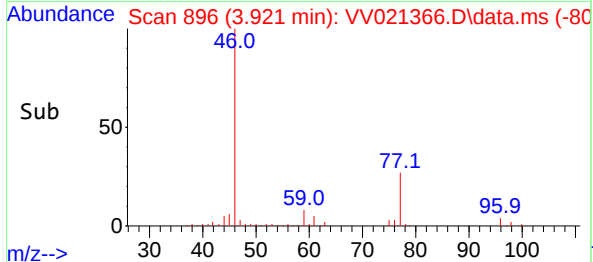
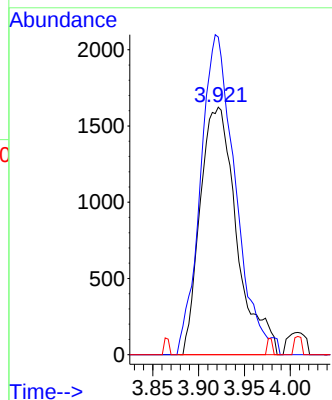
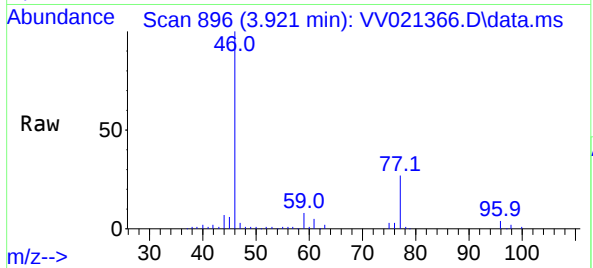




#22
cis-1,2-Dichloroethene
Concen: 0.22 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.006 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

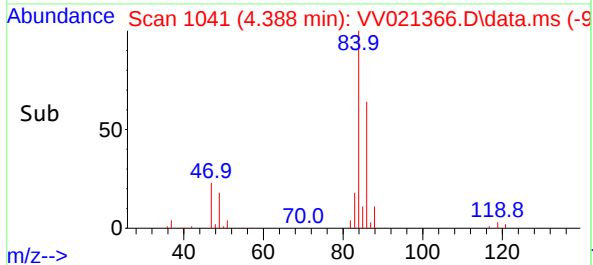
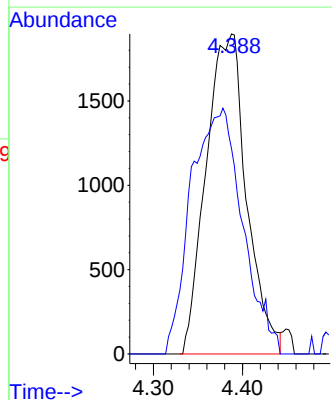
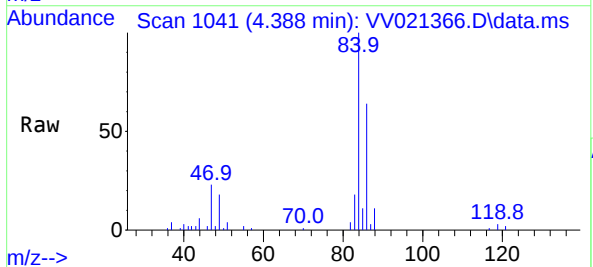
Instrument :
MSVOA_V
ClientSampleId :
GB423

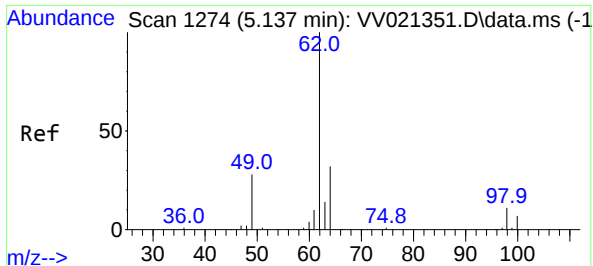
Tgt Ion: 96 Resp: 4500
Ion Ratio Lower Upper
96 100
61 128.3 84.6 157.2
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.17 ug/L
RT: 4.388 min Scan# 1041
Delta R.T. 0.010 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

Tgt Ion: 83 Resp: 5984
Ion Ratio Lower Upper
83 100
85 64.1 46.4 86.2

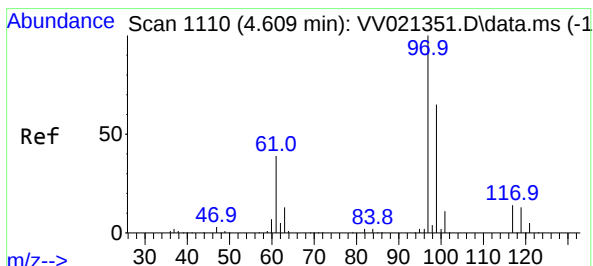
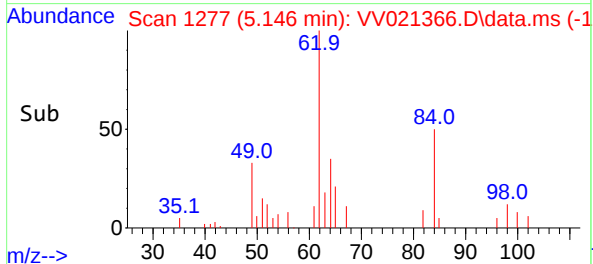
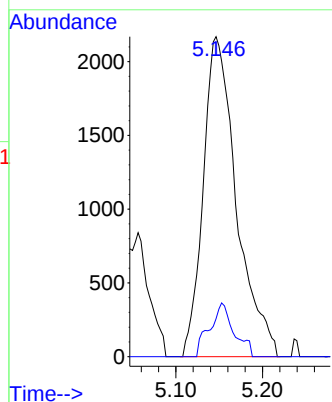
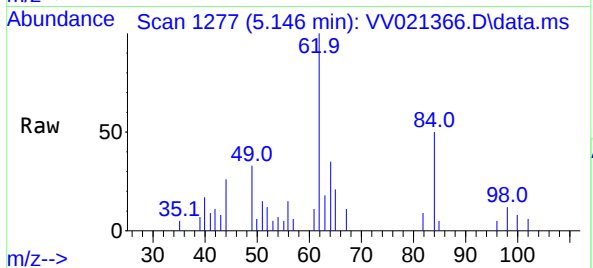




#27
1,2-Dichloroethane
Concen: 0.30 ug/L
RT: 5.146 min Scan# 1277
Delta R.T. 0.010 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

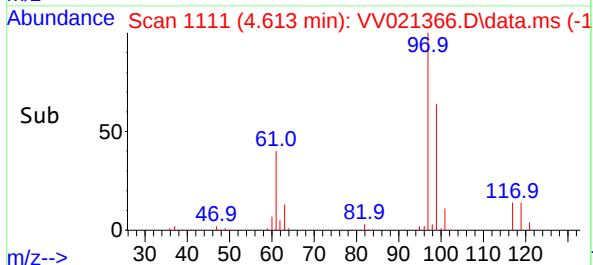
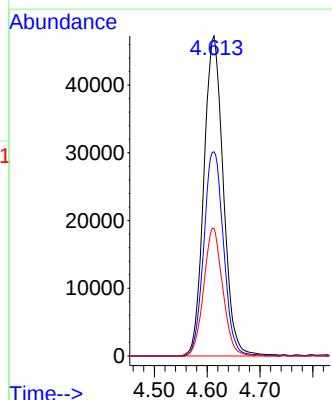
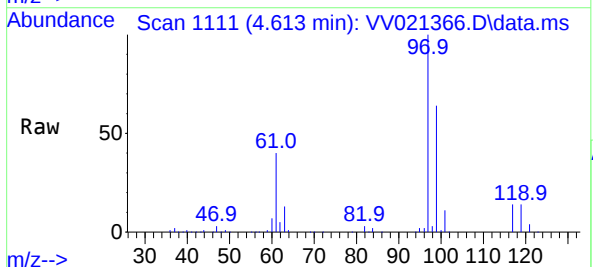
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MSVOA_V
ClientSampled :
GB423

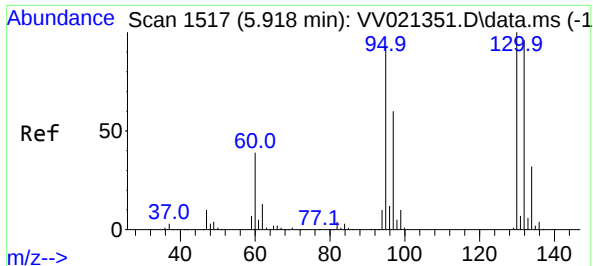
Tgt Ion: 62 Resp: 5781
Ion Ratio Lower Upper
62 100
98 11.8 8.0 12.0



#29
1,1,1-Trichloroethane
Concen: 3.76 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

Tgt Ion: 97 Resp: 120883
Ion Ratio Lower Upper
97 100
99 64.6 50.6 75.8
61 38.8 33.2 49.8





#34

Trichloroethene

Concen: 0.28 ug/L

RT: 5.925 min Scan# 1519

Delta R.T. 0.006 min

Lab File: VV021366.D

Acq: 21 May 2021 18:11

Tgt Ion: 95 Resp: 6188

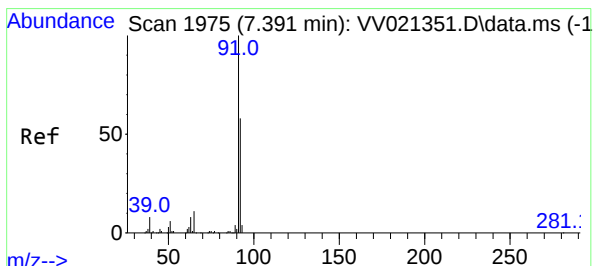
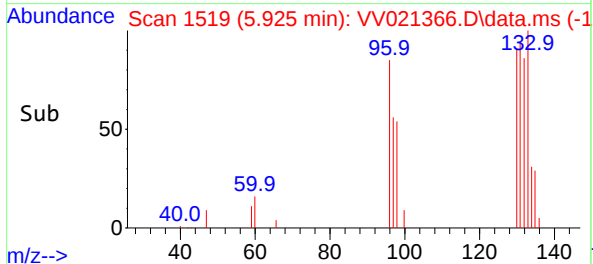
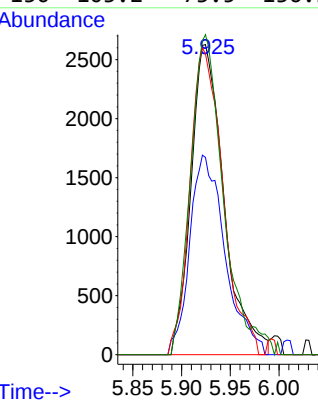
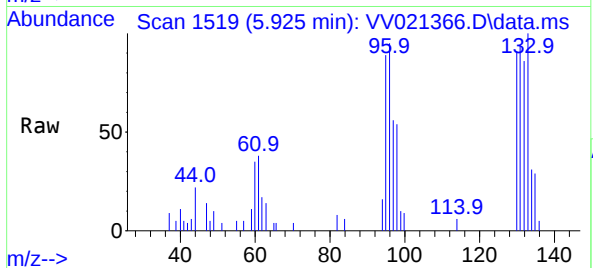
Ion Ratio Lower Upper

95 100

97 63.6 45.1 83.9

132 97.0 71.5 132.9

130 103.2 73.5 136.5



#42

Toluene

Concen: 0.08 ug/L

RT: 7.404 min Scan# 1979

Delta R.T. 0.013 min

Lab File: VV021366.D

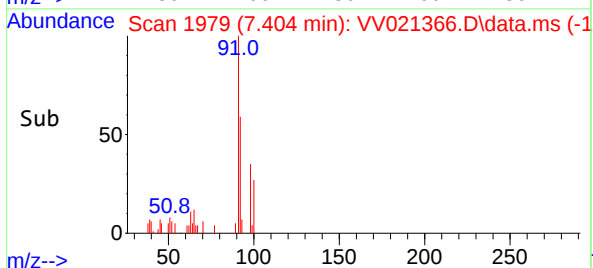
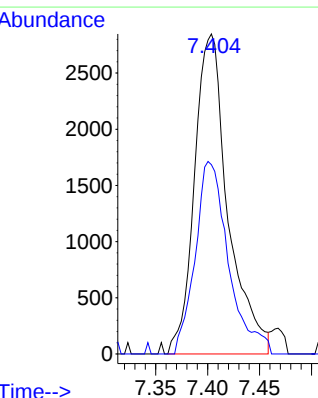
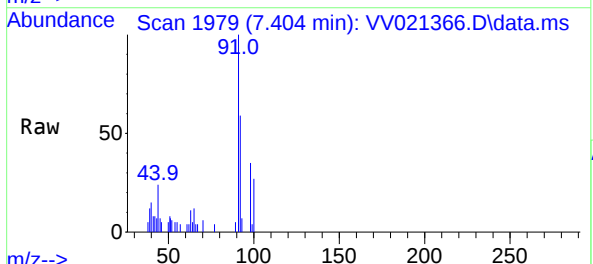
Acq: 21 May 2021 18:11

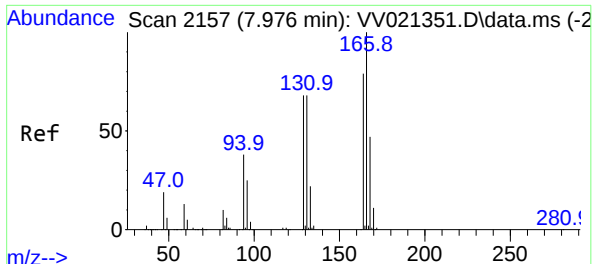
Tgt Ion: 91 Resp: 6385

Ion Ratio Lower Upper

91 100

92 59.2 40.5 75.1



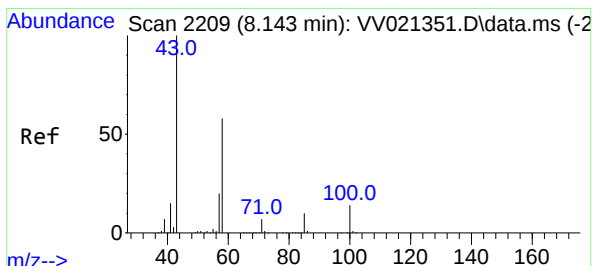
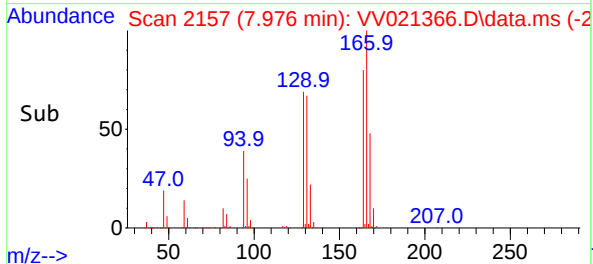
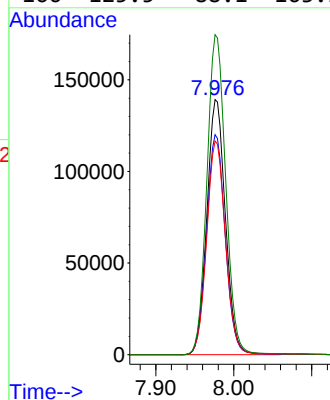
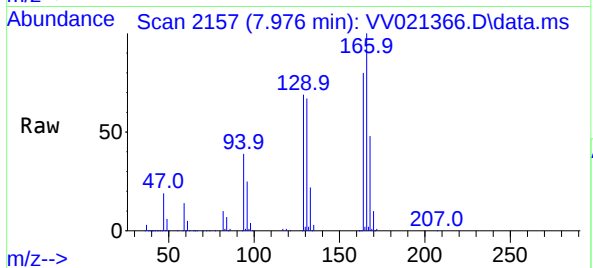


#47
Tetrachloroethene
Concen: 12.69 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 231851

Ion	Ratio	Lower	Upper
164	100		
129	86.2	65.0	120.6
131	83.8	61.8	114.8
166	125.5	88.1	163.5



#48
2-Hexanone
Concen: 4.94 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

Tgt Ion: 43 Resp: 41135

Ion	Ratio	Lower	Upper
43	100		
58	44.8	47.8	71.8#
57	14.1	16.6	24.8#
100	10.1	11.5	17.3#

