

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
 Data File : VV022675.D
 Acq On : 07 Oct 2021 20:17
 Operator : SY/MD
 Sample : M4052-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX5

Quant Time: Oct 08 04:04:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

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

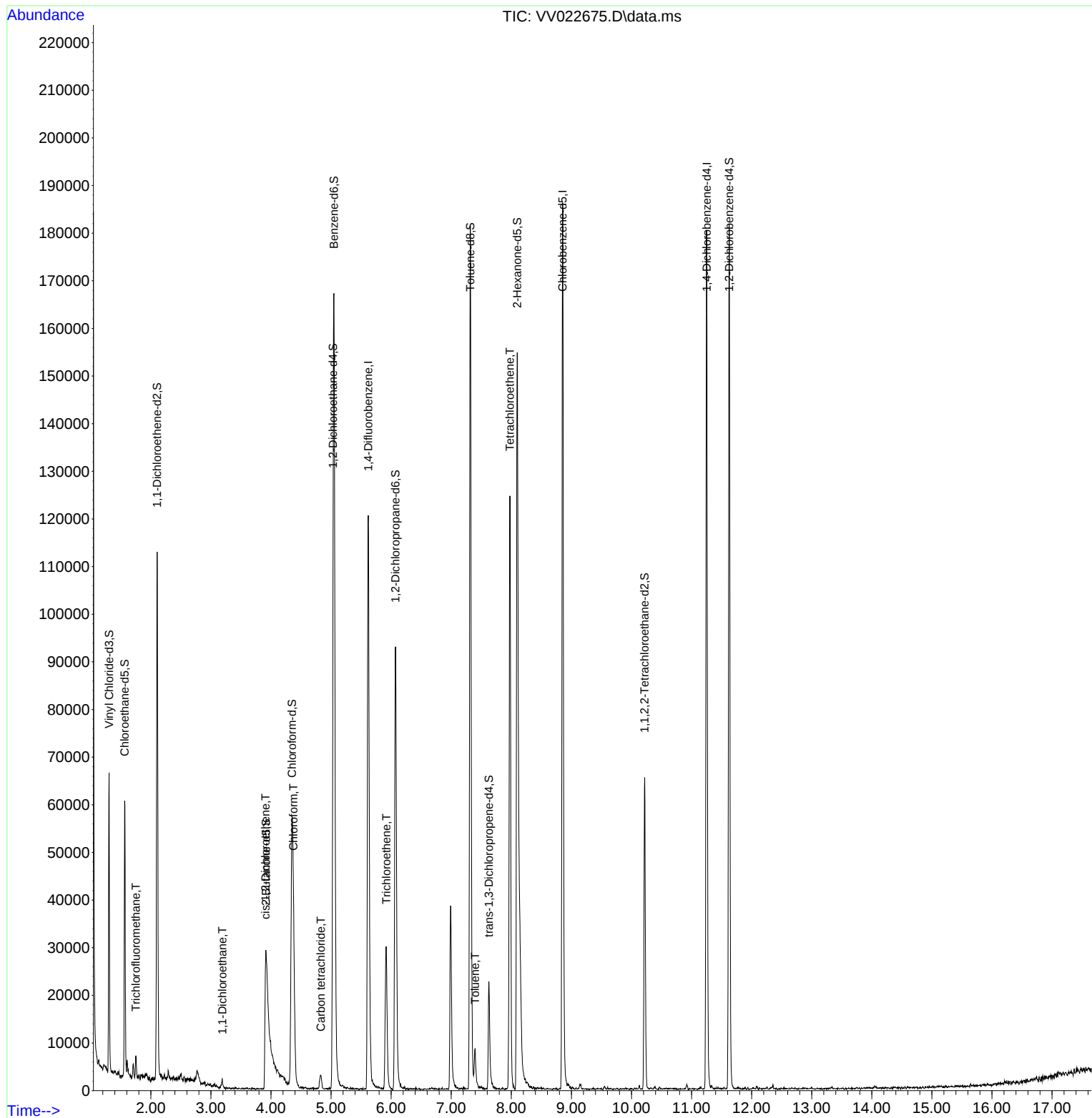
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	108881	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	111109	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	49529	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36944	4.932	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.564	69	35625	5.292	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.104	63	56722	3.860	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	3.915	46	69562	35.415	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.820%
24) Chloroform-d	4.349	84	54947	3.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
26) 1,2-Dichloroethane-d4	5.034	65	37657	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.047	84	147214	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.072	67	46047	4.701	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.317	98	123499	4.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.625	79	14367	4.421	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.098	63	59795	45.662	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.320%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	30805	4.642	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	48293	5.259	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
9) Trichlorofluoromethane	1.751	101	2247	0.186	ug/L	100
19) 1,1-Dichloroethane	3.188	63	1823	0.142	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	1268	0.169	ug/L	80
25) Chloroform	4.375	83	24511	1.641	ug/L	98
31) Carbon tetrachloride	4.831	117	2190	0.199	ug/L	92
34) Trichloroethene	5.918	95	9276	1.140	ug/L	93
42) Toluene	7.397	91	6100	0.201	ug/L	96
47) Tetrachloroethene	7.976	164	29078	4.418	ug/L	99

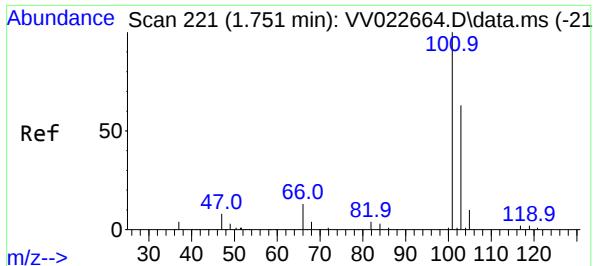
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
Data File : VV022675.D
Acq On : 07 Oct 2021 20:17
Operator : SY/MD
Sample : M4052-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX5

Quant Time: Oct 08 04:04:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 08 04:01:59 2021
Response via : Initial Calibration

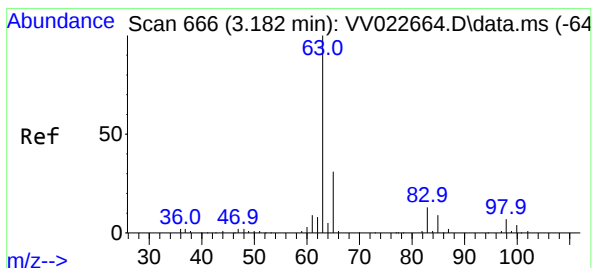
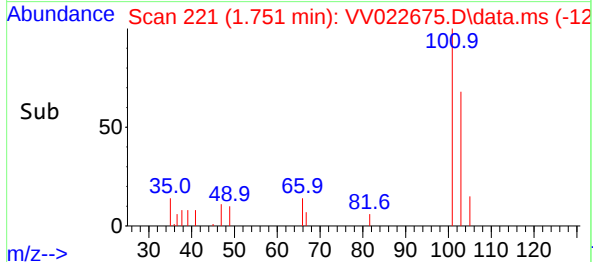
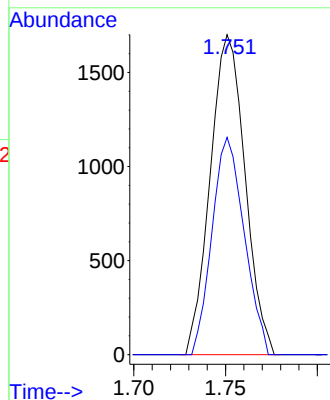
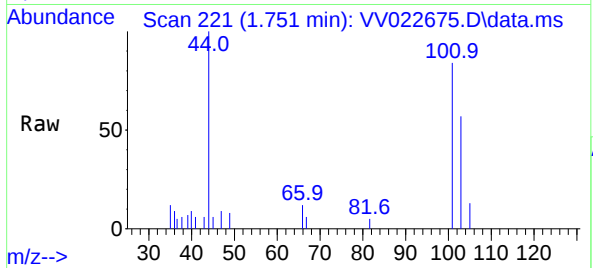




#9
 Trichlorofluoromethane
 Concen: 0.186 ug/L
 RT: 1.751 min Scan# 221
 Delta R.T. -0.000 min
 Lab File: VV022675.D
 Acq: 07 Oct 2021 20:17

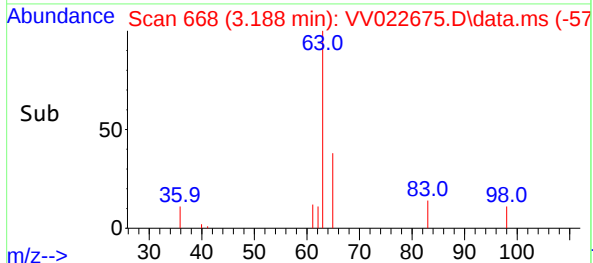
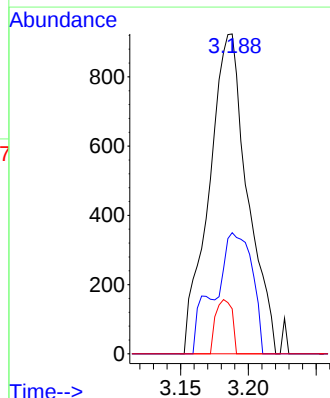
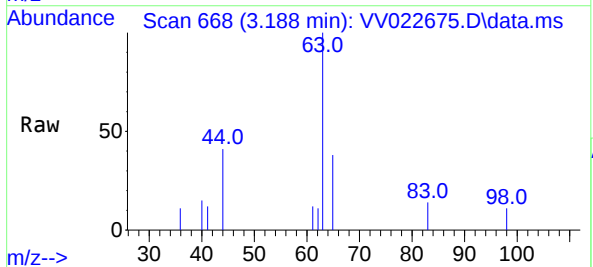
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX5

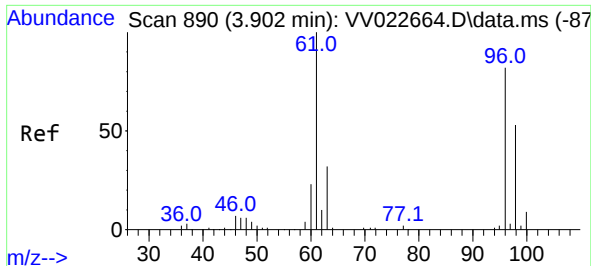
Tgt Ion:101 Resp: 2247
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.3 75.5



#19
 1,1-Dichloroethane
 Concen: 0.142 ug/L
 RT: 3.188 min Scan# 668
 Delta R.T. 0.006 min
 Lab File: VV022675.D
 Acq: 07 Oct 2021 20:17

Tgt Ion: 63 Resp: 1823
 Ion Ratio Lower Upper
 63 100
 65 37.9 23.5 43.7
 83 14.1 10.1 18.7



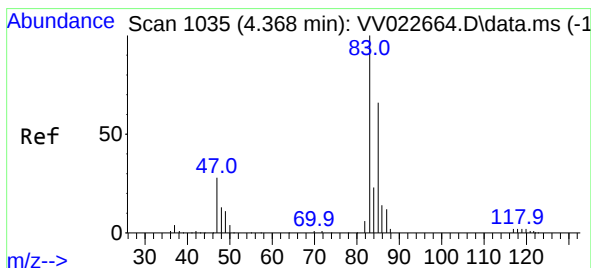
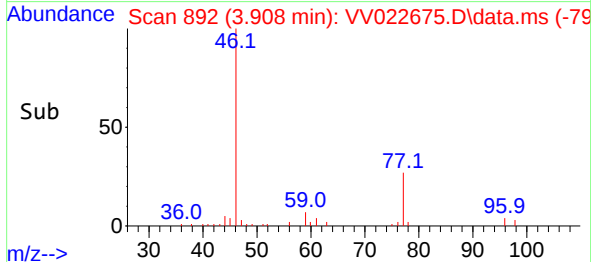
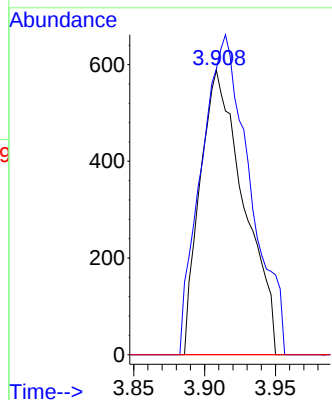
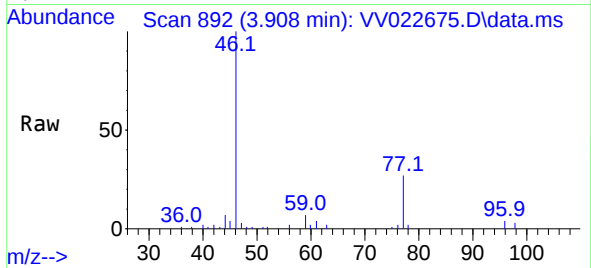


#22
cis-1,2-Dichloroethene
Concen: 0.169 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.006 min
Lab File: VV022675.D
Acq: 07 Oct 2021 20:17

Instrument :
MSVOA_V
ClientSampleId :
C0AX5

Tgt Ion: 96 Resp: 1268

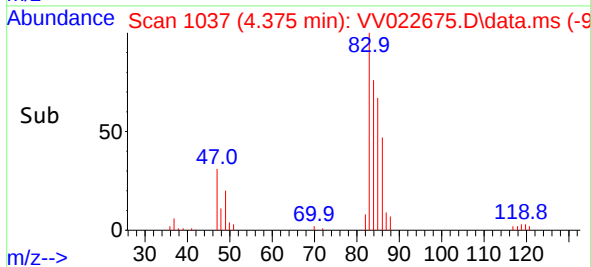
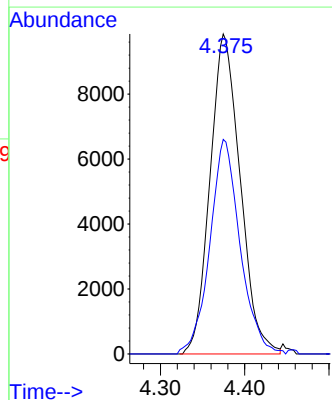
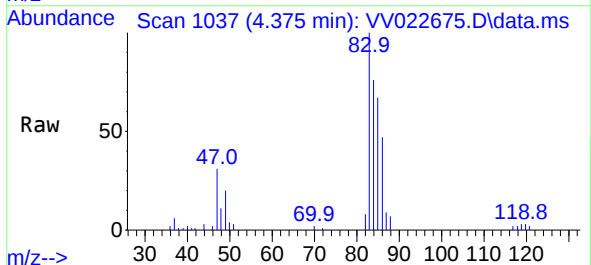
Ion	Ratio	Lower	Upper
96	100		
61	100.3	86.0	159.6
68	0.0	0.0	0.0

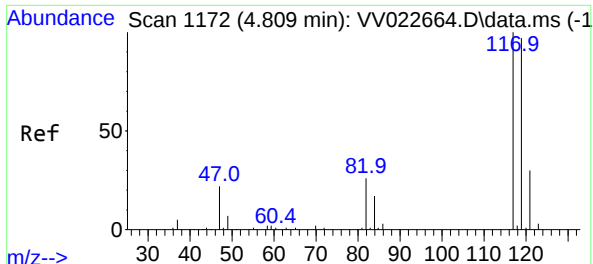


#25
Chloroform
Concen: 1.641 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VV022675.D
Acq: 07 Oct 2021 20:17

Tgt Ion: 83 Resp: 24511

Ion	Ratio	Lower	Upper
83	100		
85	67.0	45.7	84.9

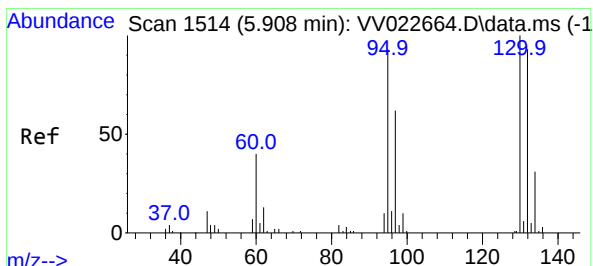
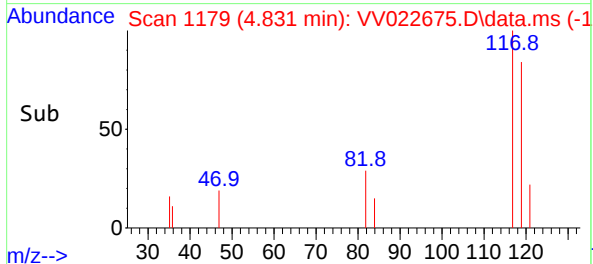
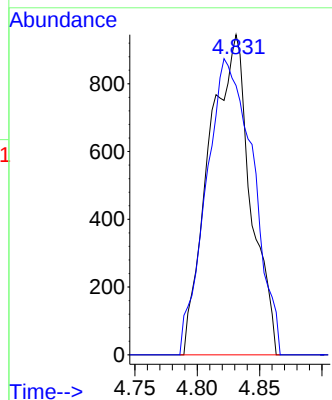
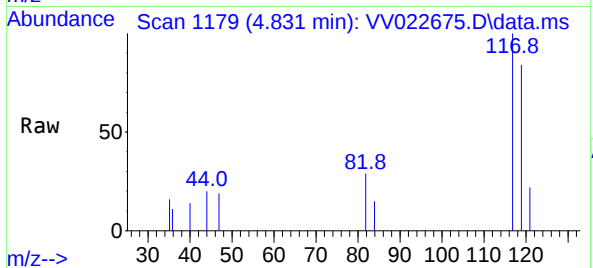




#31
Carbon tetrachloride
Concen: 0.199 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.022 min
Lab File: VV022675.D
Acq: 07 Oct 2021 20:17

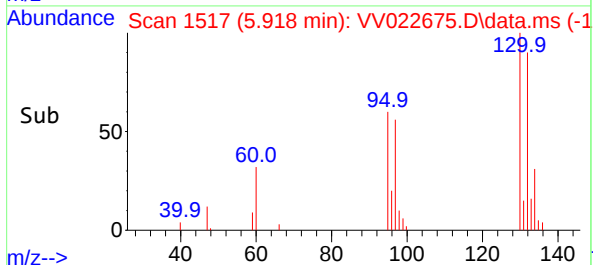
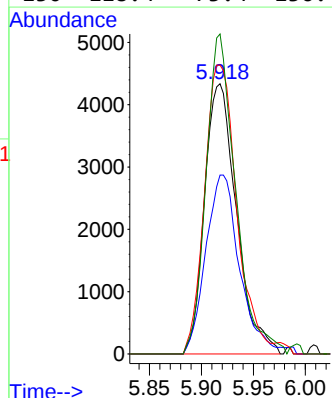
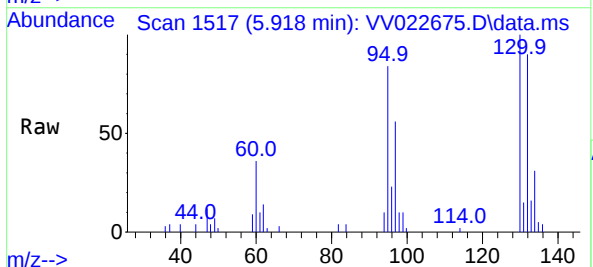
Instrument :
MSVOA_V
ClientSampled :
C0AX5

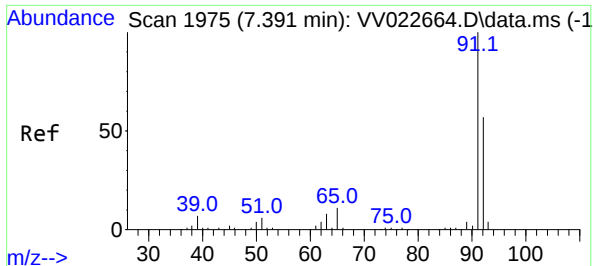
Tgt Ion:117 Resp: 2190
Ion Ratio Lower Upper
117 100
119 104.4 77.4 116.0



#34
Trichloroethene
Concen: 1.140 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV022675.D
Acq: 07 Oct 2021 20:17

Tgt Ion: 95 Resp: 9276
Ion Ratio Lower Upper
95 100
97 66.2 45.8 85.2
132 106.8 72.2 134.0
130 118.4 73.4 136.4

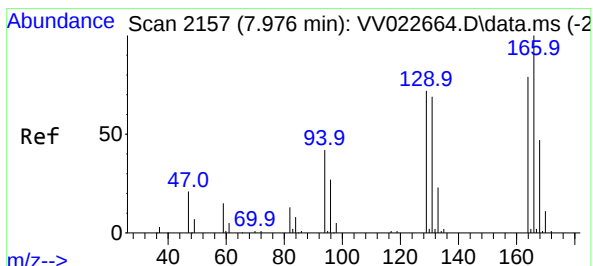
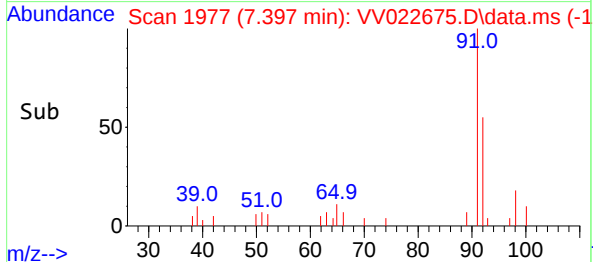
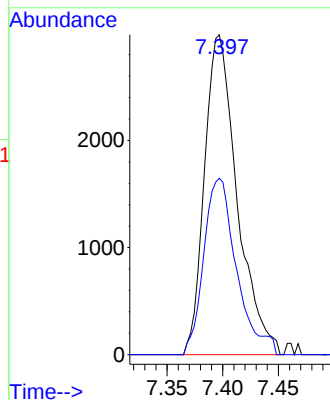
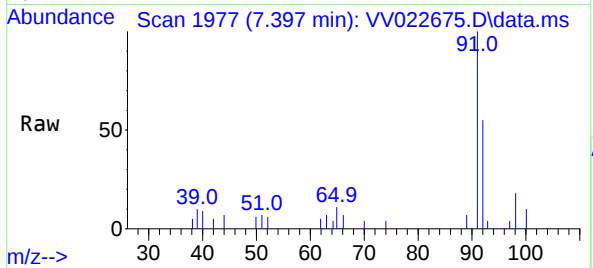




#42
Toluene
Concen: 0.201 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV022675.D
Acq: 07 Oct 2021 20:17

Instrument :
MSVOA_V
ClientSampled :
C0AX5

Tgt Ion: 91 Resp: 6100
Ion Ratio Lower Upper
91 100
92 55.1 40.7 75.7



#47
Tetrachloroethene
Concen: 4.418 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022675.D
Acq: 07 Oct 2021 20:17

Tgt Ion: 164 Resp: 29078
Ion Ratio Lower Upper
164 100
129 91.8 65.0 120.6
131 88.4 62.2 115.4
166 125.4 89.2 165.8

