

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022607.D
 Acq On : 06 Oct 2021 07:03
 Operator : SY/MD
 Sample : M4052-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 08:10:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 07:50:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	102218	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	99064	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	45283	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36879	11.261	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	225.200%#
7) Chloroethane-d5	1.564	69	34067	7.717	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	154.400%#
11) 1,1-Dichloroethene-d2	2.105	63	68690	7.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	144.600%#
20) 2-Butanone-d5	3.902	46	80659	41.664	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.320%
24) Chloroform-d	4.349	84	69533	5.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.200%
26) 1,2-Dichloroethane-d4	5.037	65	35220	5.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.600%
32) Benzene-d6	5.050	84	139664	6.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.200%#
36) 1,2-Dichloropropane-d6	6.072	67	43187	5.483	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.600%
41) Toluene-d8	7.317	98	121082	6.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.400%
43) trans-1,3-Dichloroprop...	7.625	79	12716	6.101	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	122.000%
46) 2-Hexanone-d5	8.092	63	65413	50.686	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.380%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	29778	4.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	46880	6.693	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	133.800%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	691	0.102	ug/L #	22
12) 1,1-Dichloroethene	2.114	96	24409	3.898	ug/L #	66
13) Acetone	2.182	43	1146	1.101	ug/L	86
14) Carbon disulfide	2.288	76	1325	0.072	ug/L #	66
19) 1,1-Dichloroethane	3.191	63	3231	0.264	ug/L #	95
22) cis-1,2-Dichloroethene	3.908	96	23308	3.148	ug/L	97
25) Chloroform	4.381	83	5843	0.437	ug/L	94
29) 1,1,1-Trichloroethane	4.603	97	3145	0.278	ug/L	93
31) Carbon tetrachloride	4.831	117	1399	0.139	ug/L	95
34) Trichloroethene	5.915	95	90618	11.680	ug/L	99
35) Methylcyclohexane	6.072	83	11130	1.024	ug/L #	20
42) Toluene	7.394	91	3136	0.112	ug/L	99
47) Tetrachloroethene	7.976	164	77897	12.912	ug/L	98
48) 2-Hexanone	8.146	43	8978	3.479	ug/L #	77
49) Dibromochloromethane	7.976	129	66827	11.653	ug/L #	12
61) 1,2,3-Trichloropropane	11.252	75	4983	1.485	ug/L #	63

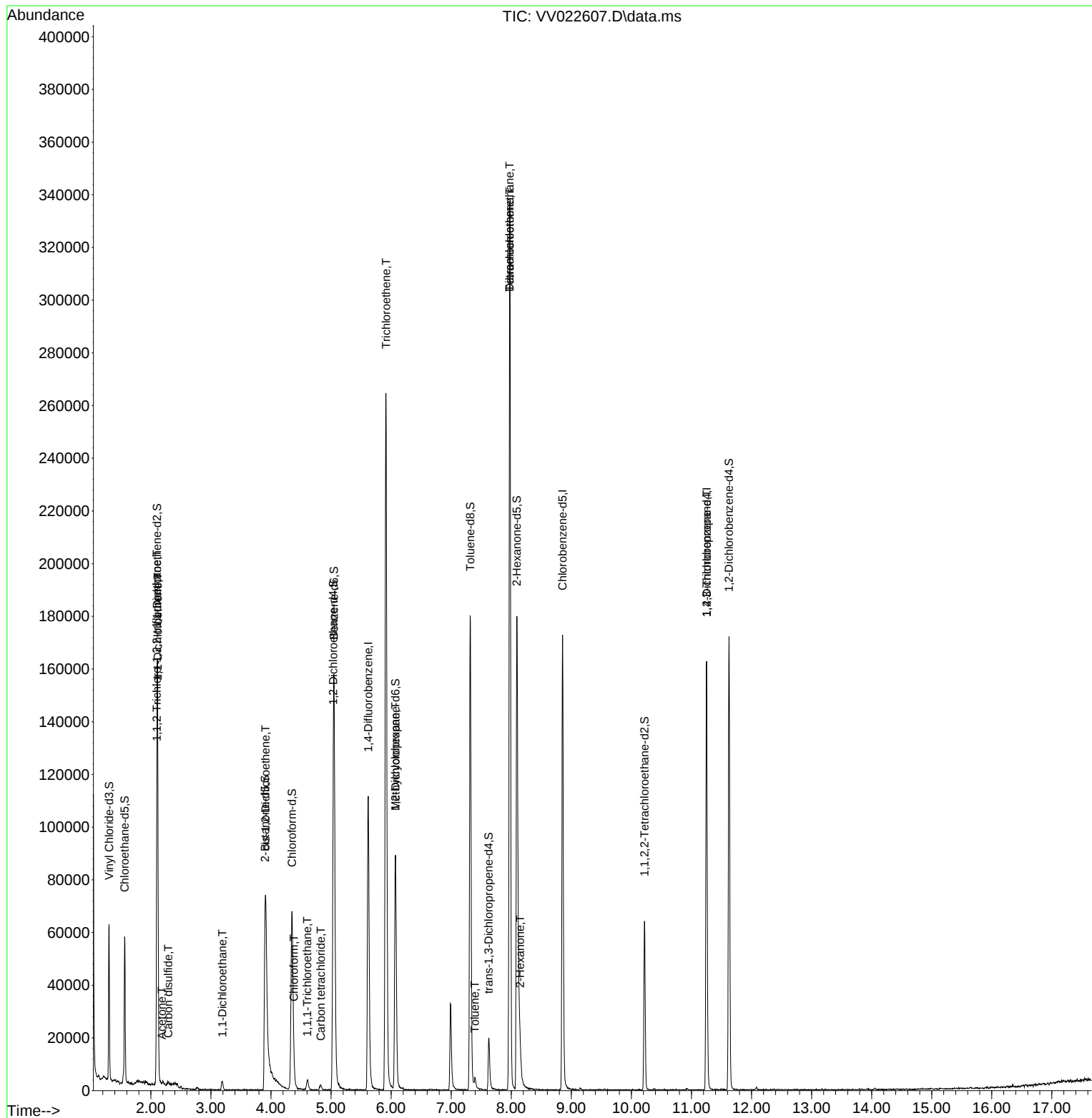
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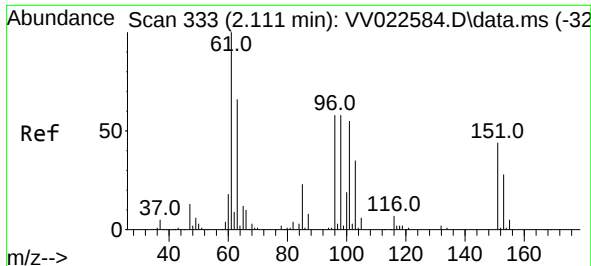
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100521\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 06 07:50:25 2021
Response via : Initial Calibration

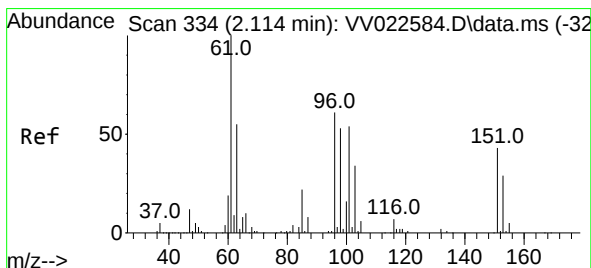
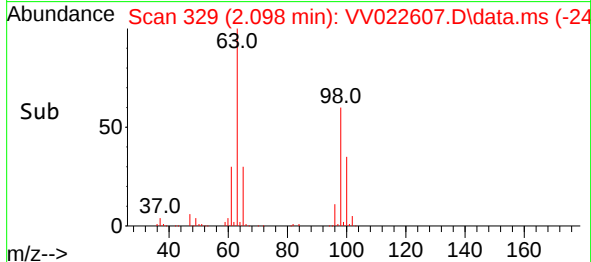
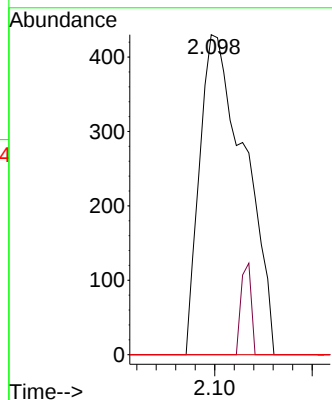
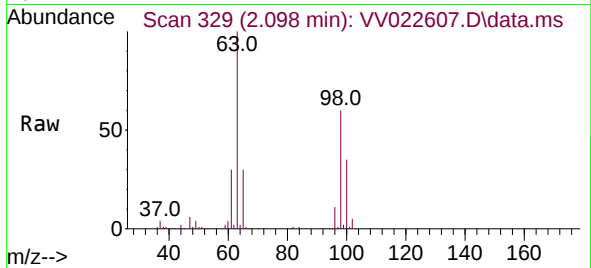




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.102 ug/L
 RT: 2.098 min Scan# 329
 Delta R.T. -0.013 min
 Lab File: VV022607.D
 Acq: 06 Oct 2021 07:03

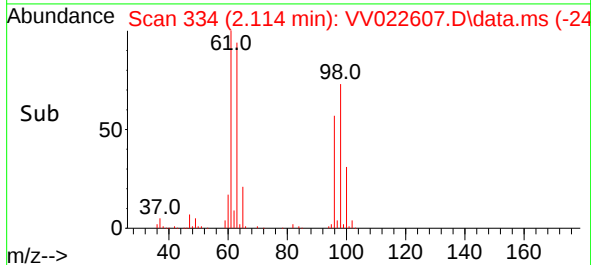
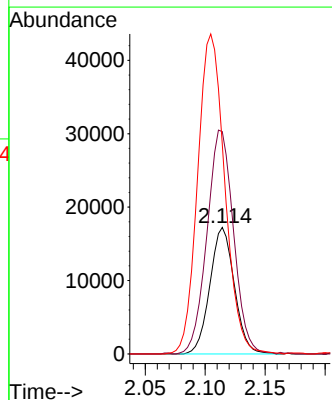
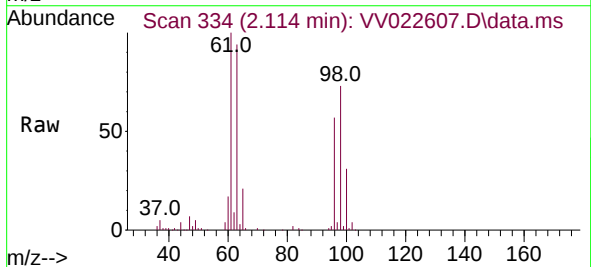
Instrument :
 MSVOA_V
 ClientSampled :

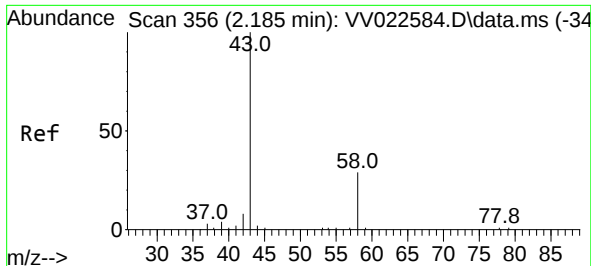
Tgt Ion:101 Resp: 691
 Ion Ratio Lower Upper
 101 100
 85 6.4 35.8 53.6#
 151 0.0 61.9 92.9#



#12
 1,1-Dichloroethene
 Concen: 3.898 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV022607.D
 Acq: 06 Oct 2021 07:03

Tgt Ion: 96 Resp: 24409
 Ion Ratio Lower Upper
 96 100
 61 175.8 113.2 210.2
 63 165.8 66.6 123.8#

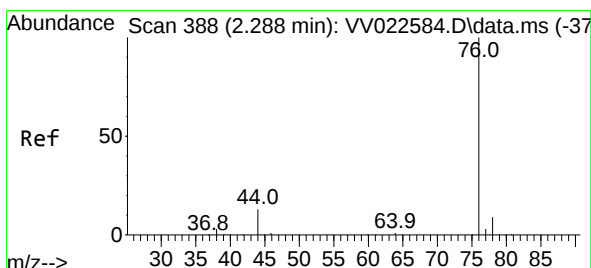
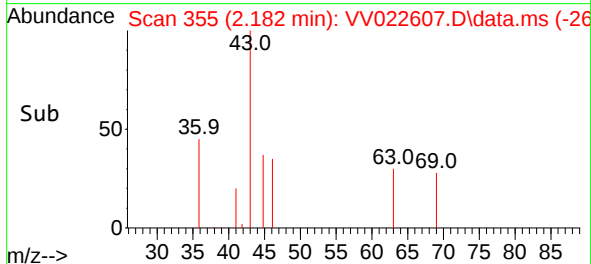
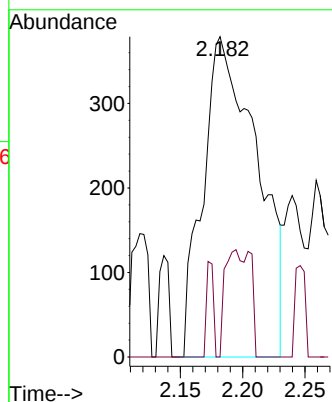
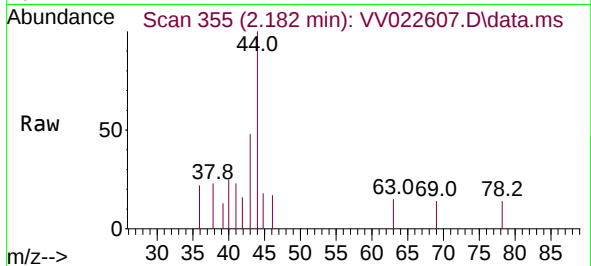




#13
Acetone
Concen: 1.101 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.003 min
Lab File: VV022607.D
Acq: 06 Oct 2021 07:03

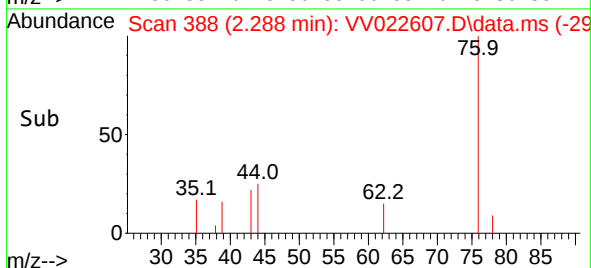
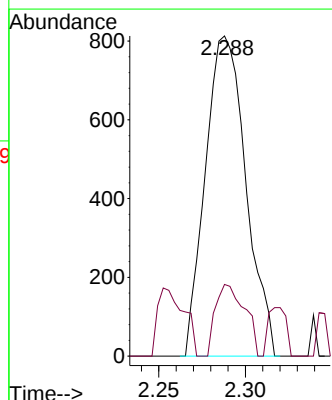
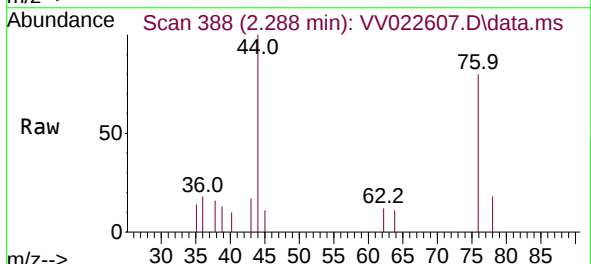
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MSVOA_V
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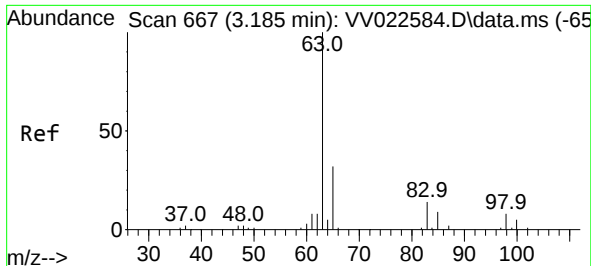
Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
58 3.8 0.0 17.6



#14
Carbon disulfide
Concen: 0.072 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV022607.D
Acq: 06 Oct 2021 07:03

Tgt Ion: 76 Resp: 1325
Ion Ratio Lower Upper
76 100
78 22.4 7.8 11.6#





#19

1,1-Dichloroethane

Concen: 0.264 ug/L

RT: 3.191 min Scan# 669

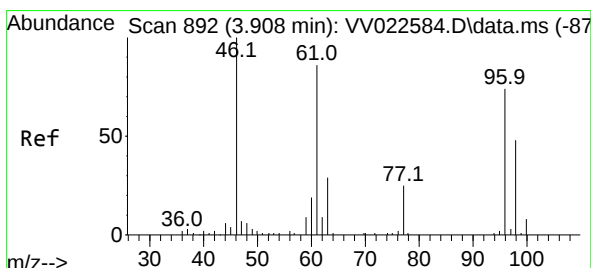
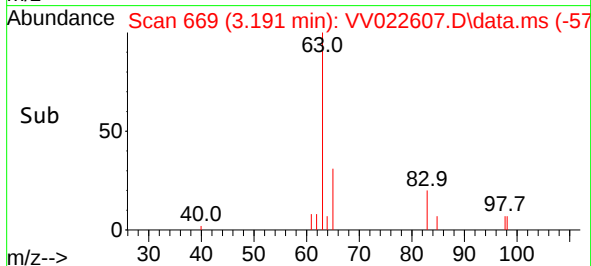
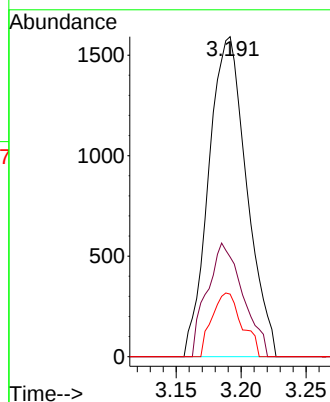
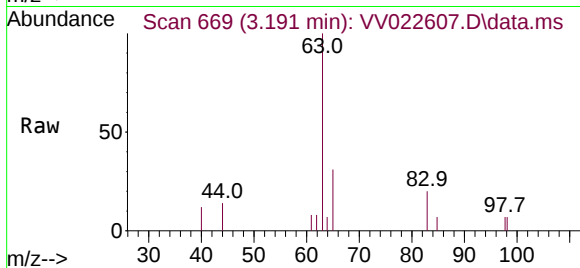
Delta R.T. 0.006 min

Lab File: VV022607.D

Acq: 06 Oct 2021 07:03

Tgt Ion:	63	Resp:	3231
Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.8	42.4
83	19.5	10.2	19.0

Instrument :
MSVOA_V
ClientSampled :



#22

cis-1,2-Dichloroethene

Concen: 3.148 ug/L

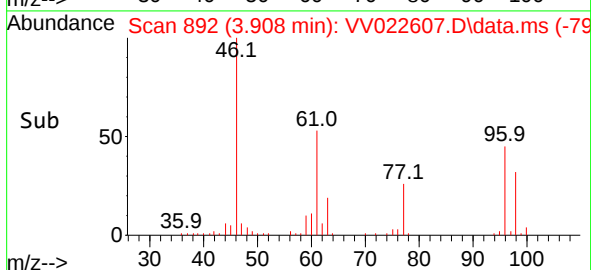
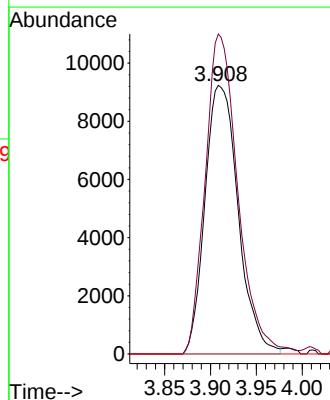
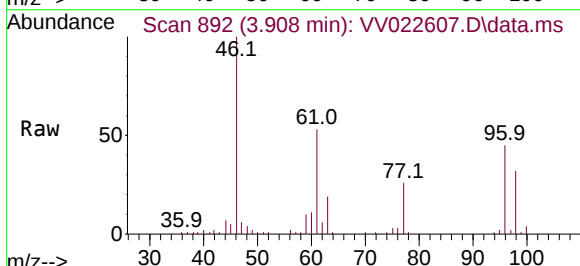
RT: 3.908 min Scan# 892

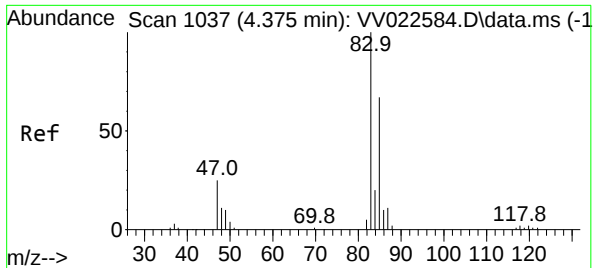
Delta R.T. -0.000 min

Lab File: VV022607.D

Acq: 06 Oct 2021 07:03

Tgt Ion:	96	Resp:	23308
Ion	Ratio	Lower	Upper
96	100		
61	119.1	85.6	159.0
68	0.0	0.0	0.0

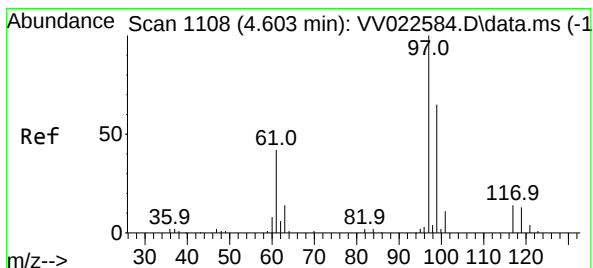
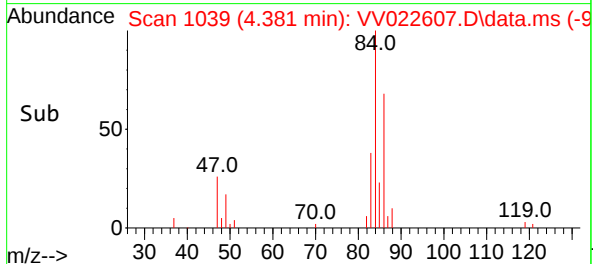
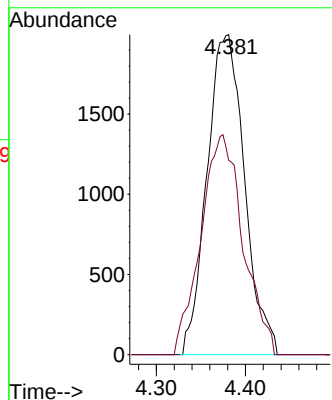
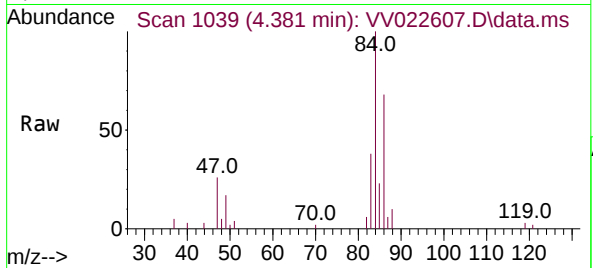




#25
Chloroform
Concen: 0.437 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV022607.D
Acq: 06 Oct 2021 07:03

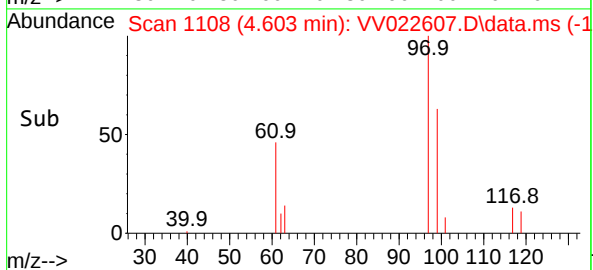
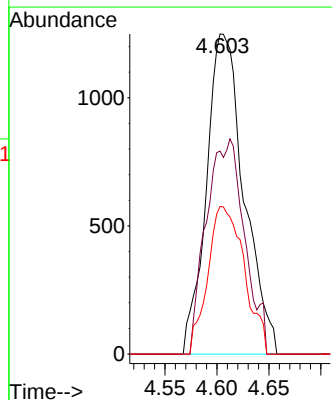
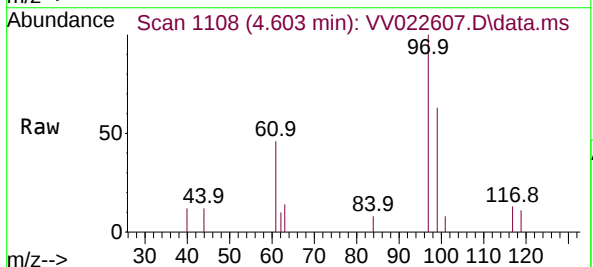
Instrument :
MSVOA_V
ClientSampled :

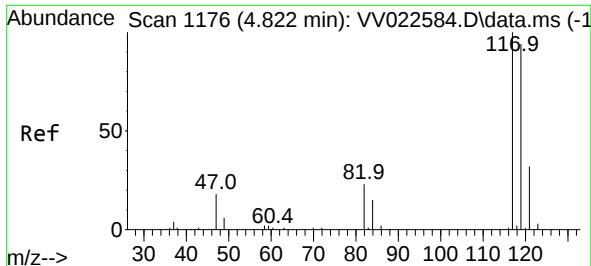
Tgt Ion: 83 Resp: 5843
Ion Ratio Lower Upper
83 100
85 60.8 45.6 84.8



#29
1,1,1-Trichloroethane
Concen: 0.278 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VV022607.D
Acq: 06 Oct 2021 07:03

Tgt Ion: 97 Resp: 3145
Ion Ratio Lower Upper
97 100
99 68.2 49.8 74.6
61 44.8 32.5 48.7

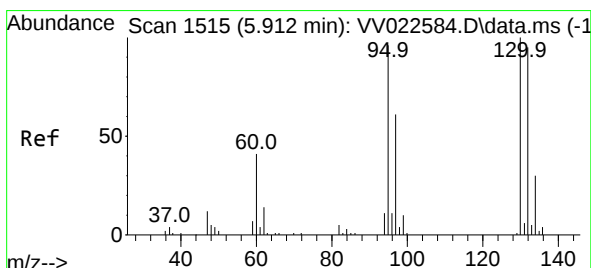
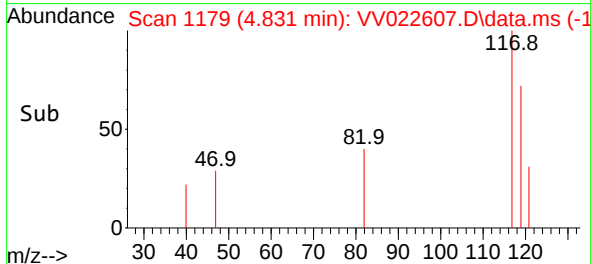
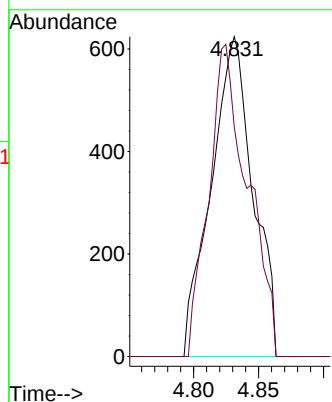
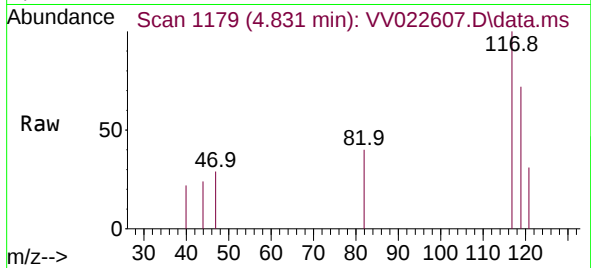




#31
Carbon tetrachloride
Concen: 0.139 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.010 min
Lab File: VV022607.D
Acq: 06 Oct 2021 07:03

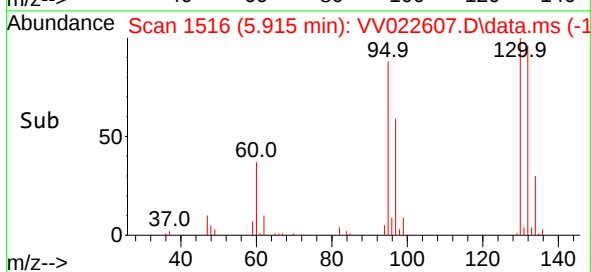
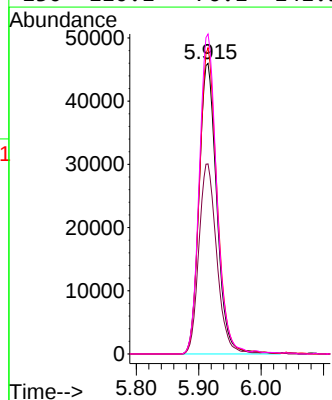
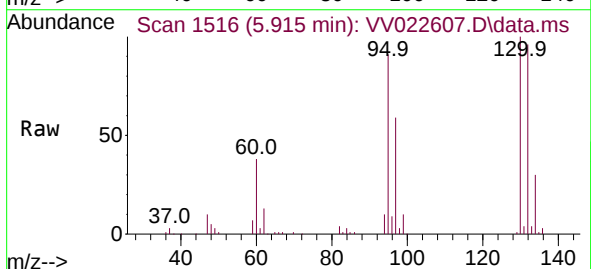
Instrument :
MSVOA_V
ClientSampled :

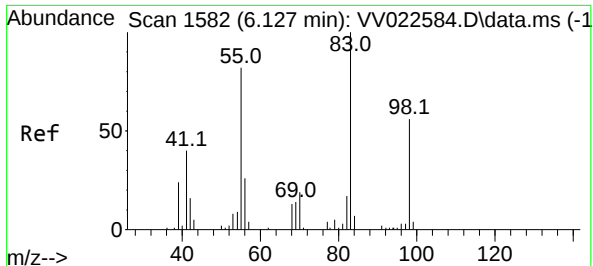
Tgt Ion:117 Resp: 1399
Ion Ratio Lower Upper
117 100
119 90.9 76.9 115.3



#34
Trichloroethene
Concen: 11.680 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV022607.D
Acq: 06 Oct 2021 07:03

Tgt Ion: 95 Resp: 90618
Ion Ratio Lower Upper
95 100
97 65.4 46.5 86.5
132 105.4 73.0 135.6
130 110.1 76.1 141.3

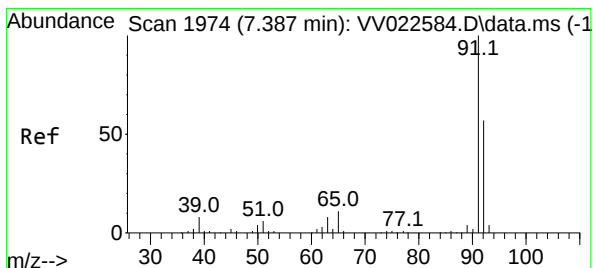
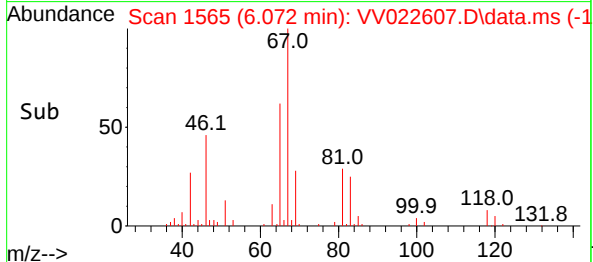
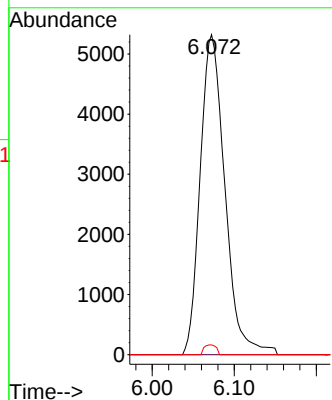
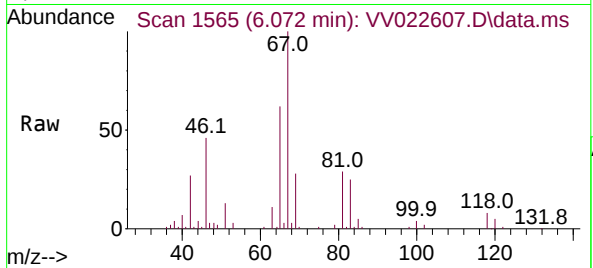




#35
Methylcyclohexane
Concen: 1.024 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022607.D
Acq: 06 Oct 2021 07:03

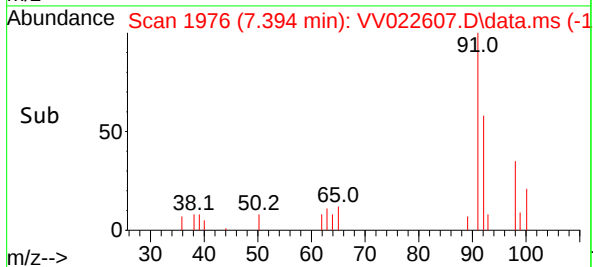
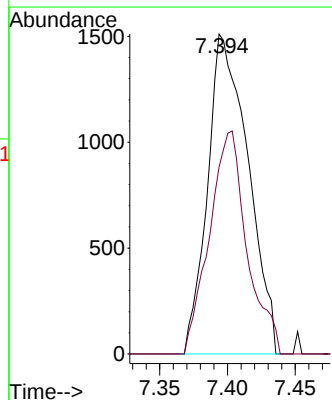
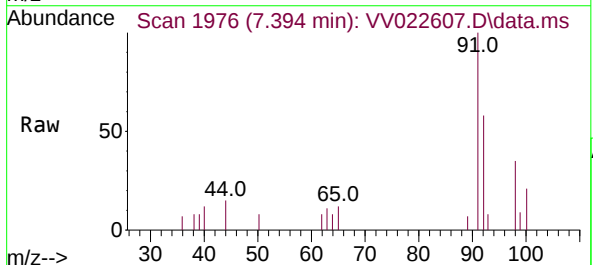
Instrument :
MSVOA_V
ClientSampled :

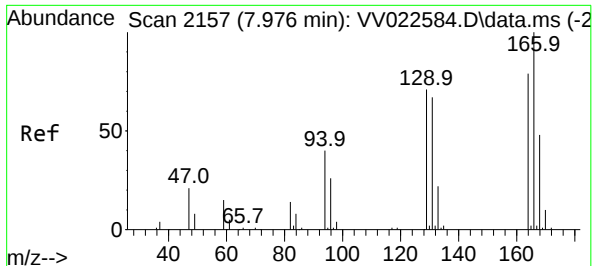
Tgt Ion: 83 Resp: 11130
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 1.5 39.8 59.8#



#42
Toluene
Concen: 0.112 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV022607.D
Acq: 06 Oct 2021 07:03

Tgt Ion: 91 Resp: 3136
Ion Ratio Lower Upper
91 100
92 58.4 40.5 75.3

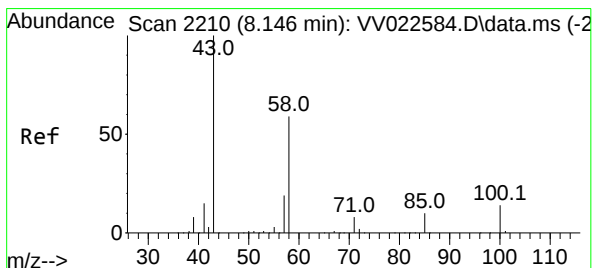
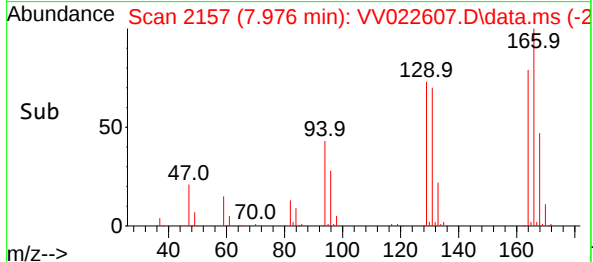
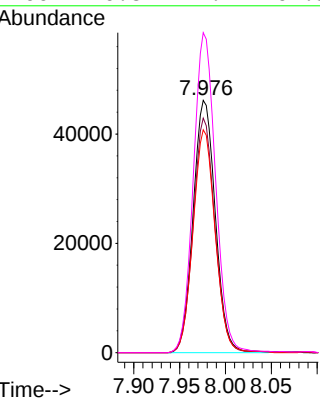
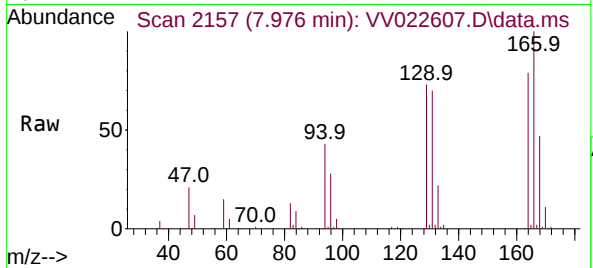




#47
Tetrachloroethene
Concen: 12.912 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022607.D
Acq: 06 Oct 2021 07:03

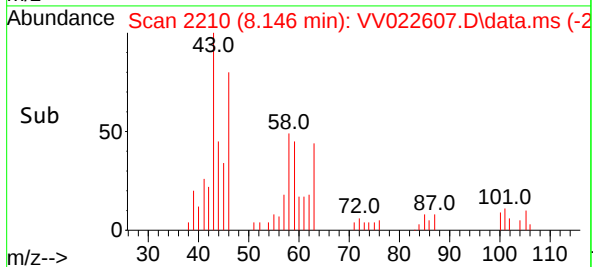
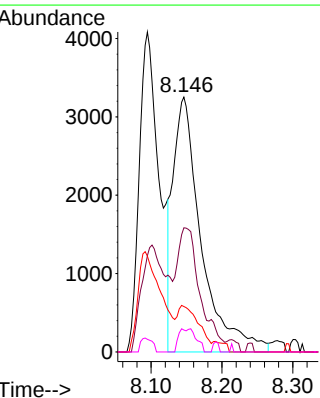
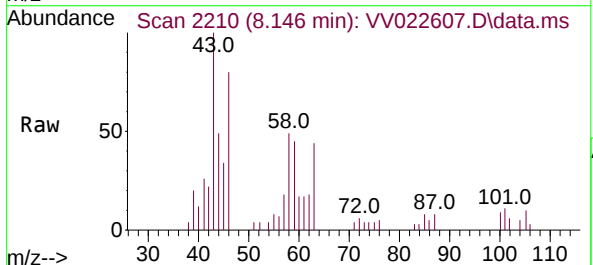
Instrument :
MSVOA_V
ClientSampleId :

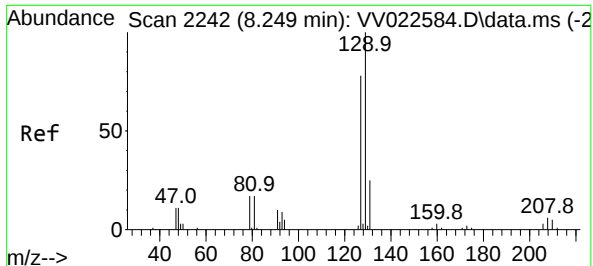
Tgt Ion:164 Resp: 77897
Ion Ratio Lower Upper
164 100
129 92.9 65.5 121.6
131 88.3 62.4 116.0
166 126.8 91.1 169.3



#48
2-Hexanone
Concen: 3.479 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VV022607.D
Acq: 06 Oct 2021 07:03

Tgt Ion: 43 Resp: 8978
Ion Ratio Lower Upper
43 100
58 40.5 46.4 69.6#
57 10.9 16.3 24.5#
100 2.7 11.0 16.6#





#49

Dibromochloromethane

Concen: 11.653 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV022607.D

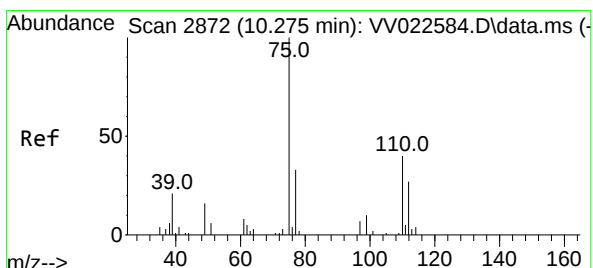
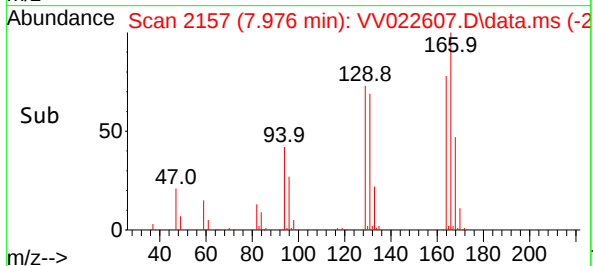
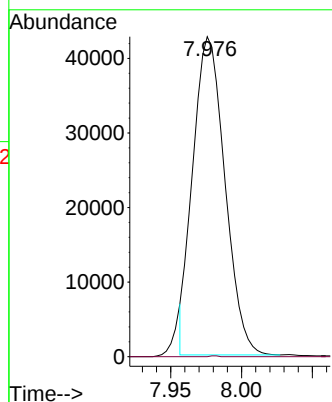
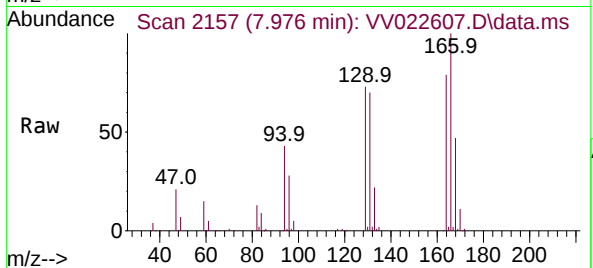
Acq: 06 Oct 2021 07:03

Tgt Ion:129 Resp: 66827

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.6#



#61

1,2,3-Trichloropropane

Concen: 1.485 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.977 min

Lab File: VV022607.D

Acq: 06 Oct 2021 07:03

Tgt Ion: 75 Resp: 4983

Ion Ratio Lower Upper

75 100

77 34.6 26.1 39.1

110 1.9 33.0 49.6#

