

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100721\
 Data File : VW022666.D
 Acq On : 07 Oct 2021 16:42
 Operator : SY/MD
 Sample : M4051-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 04:02:50 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	107775	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	109891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	49445	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39896	5.380	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.600%
7) Chloroethane-d5	1.565	69	36507	5.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.600%
11) 1,1-Dichloroethene-d2	2.105	63	69515	4.779	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	3.908	46	60032	30.877	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.760%
24) Chloroform-d	4.349	84	74713	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.034	65	36032	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.050	84	152138	4.651	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.072	67	46915	4.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.317	98	127169	4.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.629	79	14688	4.570	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.092	63	59349	45.824	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30956	4.717	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	50540	5.513	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	371	0.045	ug/L #	1
12) 1,1-Dichloroethene	2.118	96	17674	2.715	ug/L #	82
17) Methyl tert-butyl Ether	2.773	73	1478	0.094	ug/L #	95
19) 1,1-Dichloroethane	3.191	63	2817	0.221	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	48474	6.521	ug/L	96
25) Chloroform	4.371	83	4901	0.332	ug/L	80
29) 1,1,1-Trichloroethane	4.613	97	3856	0.307	ug/L	100
34) Trichloroethene	5.918	95	33091	4.112	ug/L	97
35) Methylcyclohexane	6.072	83	11522	1.022	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	5241	0.736	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	988	0.105	ug/L #	58
42) Toluene	7.394	91	3395	0.113	ug/L #	75
47) Tetrachloroethene	7.976	164	25215	3.874	ug/L	98
48) 2-Hexanone	8.146	43	8378	2.996	ug/L #	96
49) Dibromochloromethane	7.976	129	20890	3.378	ug/L #	7
61) 1,2,3-Trichloropropane	11.252	75	5153	1.500	ug/L #	60

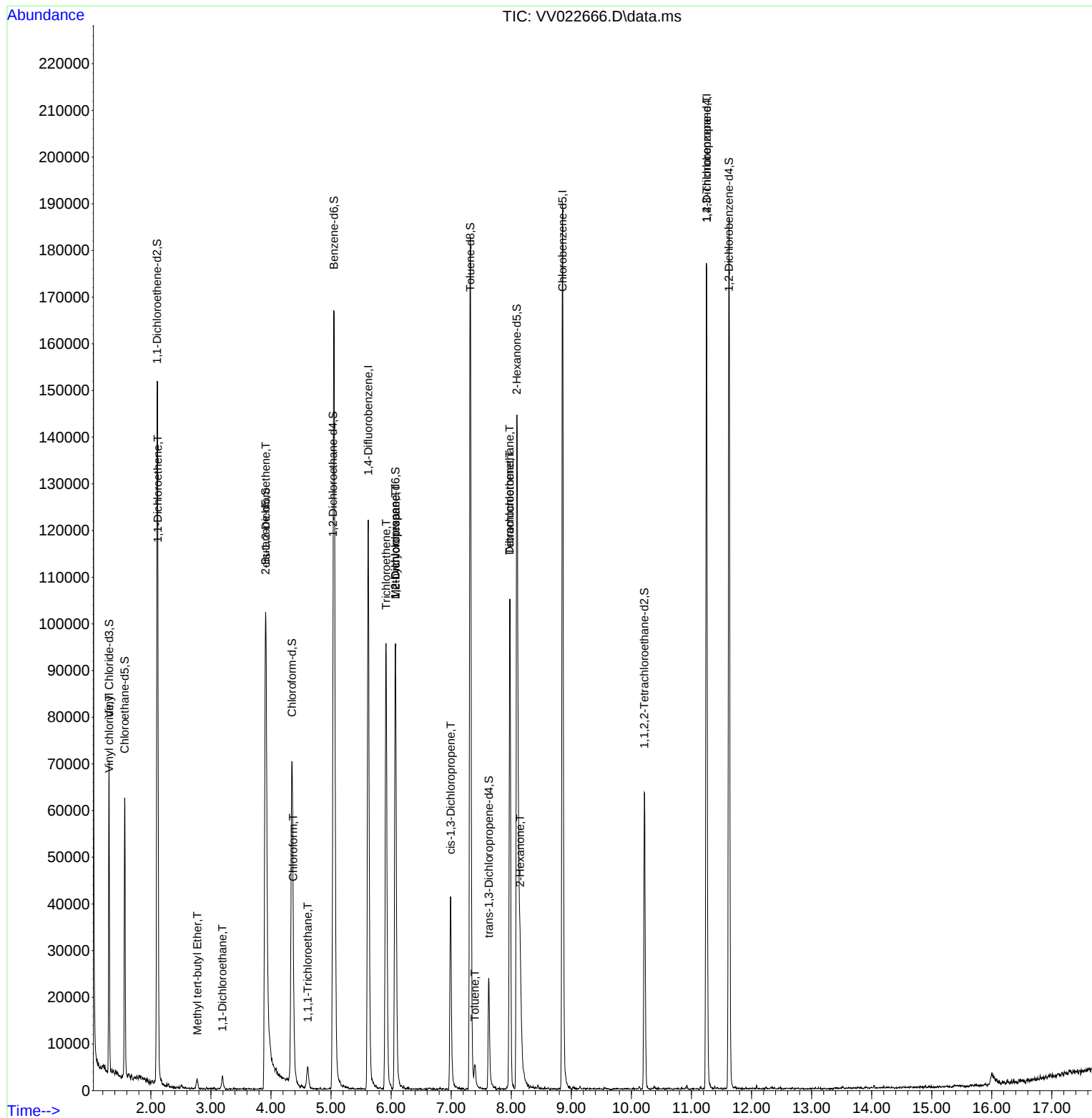
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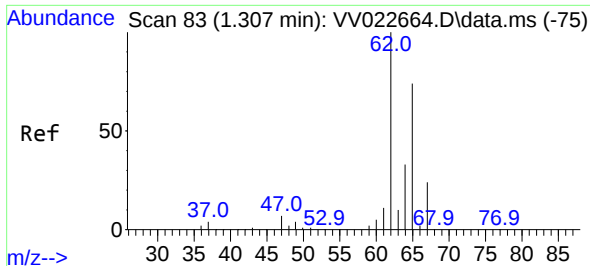
Instrument :
MSVOA_V
ClientSampleId :

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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

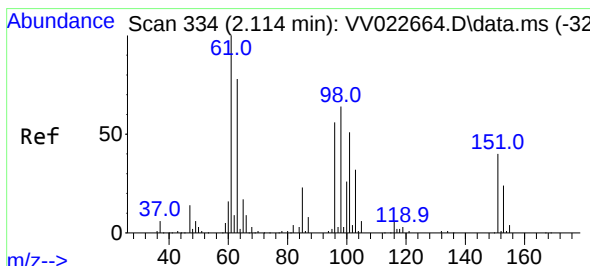
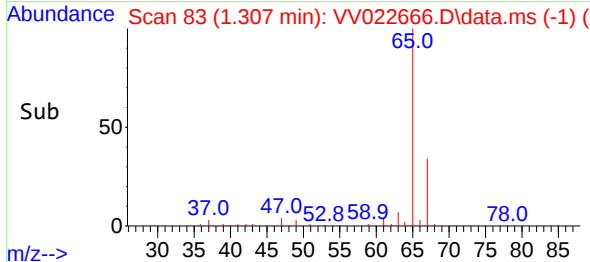
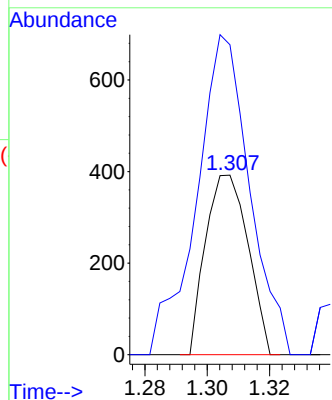
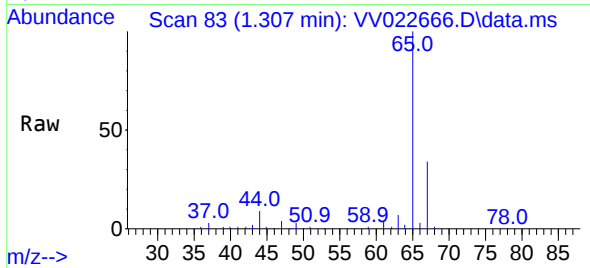




#5
 Vinyl chloride
 Concen: 0.045 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV022666.D
 Acq: 07 Oct 2021 16:42

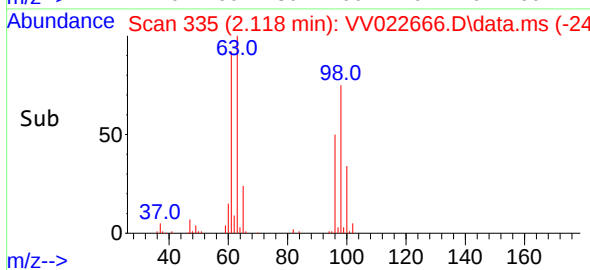
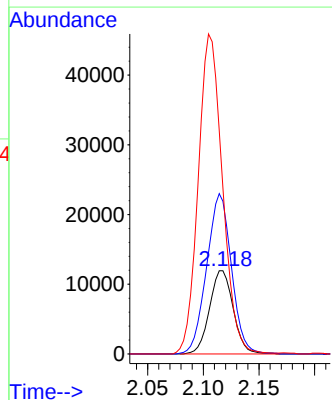
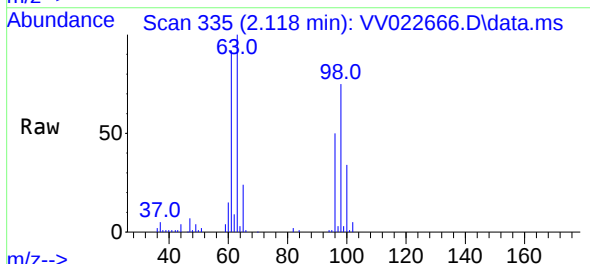
Instrument :
 MSVOA_V
 ClientSampled :

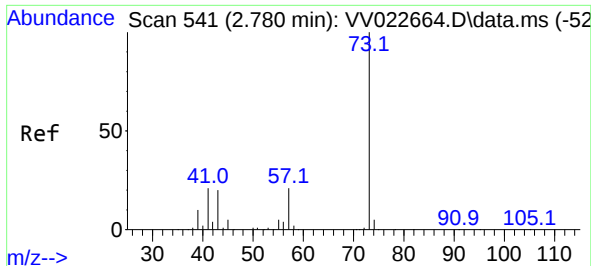
Tgt Ion: 62 Resp: 371
 Ion Ratio Lower Upper
 62 100
 64 172.7 23.0 42.8#



#12
 1,1-Dichloroethene
 Concen: 2.715 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV022666.D
 Acq: 07 Oct 2021 16:42

Tgt Ion: 96 Resp: 17674
 Ion Ratio Lower Upper
 96 100
 61 183.4 127.3 236.5
 63 199.5 106.2 197.2#



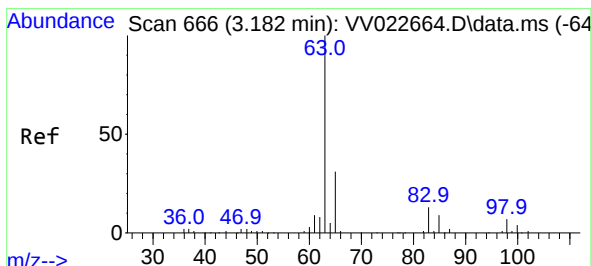
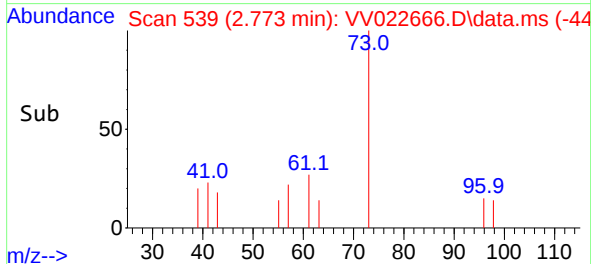
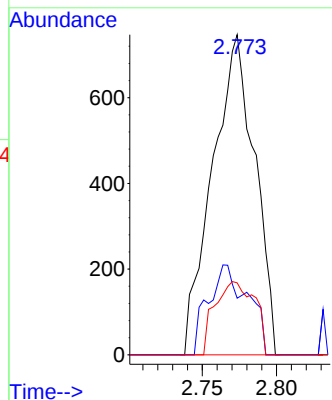
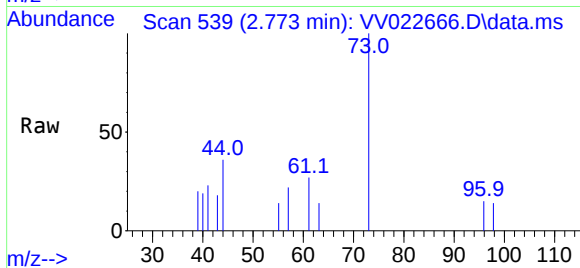


#17

Methyl tert-butyl Ether
 Concen: 0.094 ug/L
 RT: 2.773 min Scan# 539
 Delta R.T. -0.006 min
 Lab File: VV022666.D
 Acq: 07 Oct 2021 16:42

Instrument :
 MSVOA_V
 ClientSampleId :

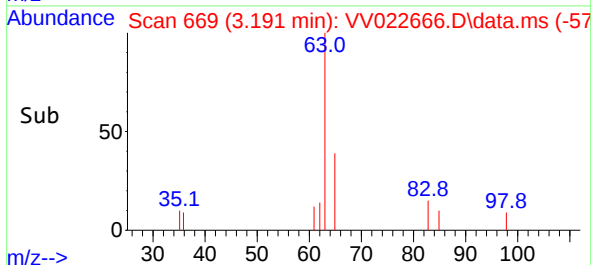
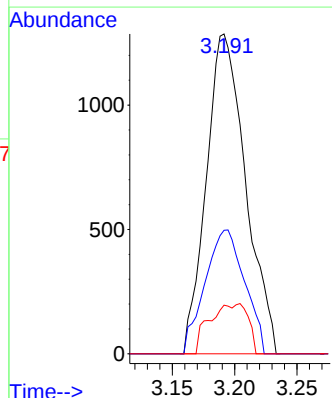
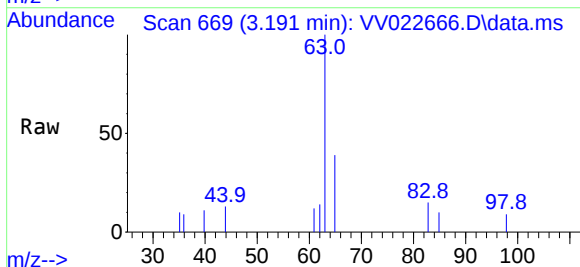
Tgt Ion: 73 Resp: 1478
 Ion Ratio Lower Upper
 73 100
 43 26.3 17.1 25.7#
 57 21.4 17.2 25.8

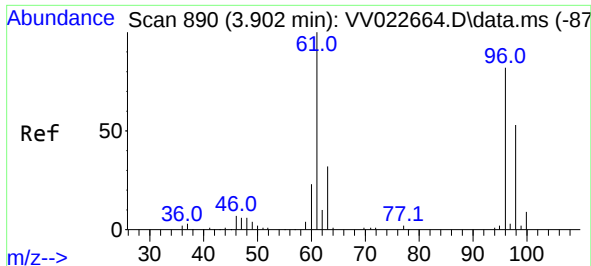


#19

1,1-Dichloroethane
 Concen: 0.221 ug/L
 RT: 3.191 min Scan# 669
 Delta R.T. 0.010 min
 Lab File: VV022666.D
 Acq: 07 Oct 2021 16:42

Tgt Ion: 63 Resp: 2817
 Ion Ratio Lower Upper
 63 100
 65 38.6 23.5 43.7
 83 15.2 10.1 18.7

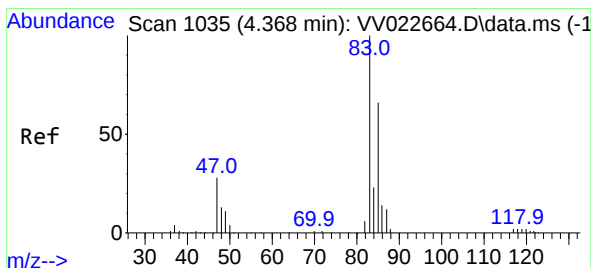
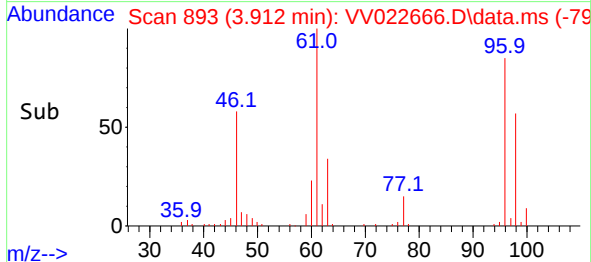
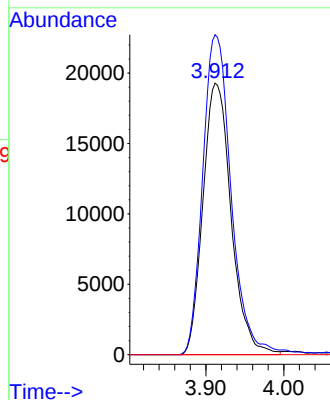
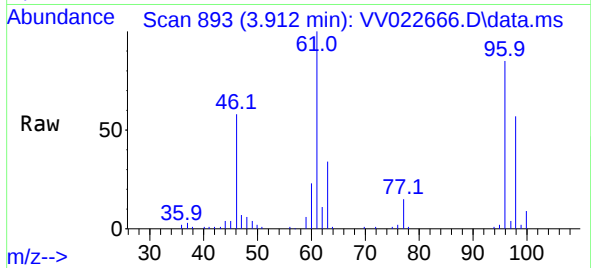




#22
cis-1,2-Dichloroethene
Concen: 6.521 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV022666.D
Acq: 07 Oct 2021 16:42

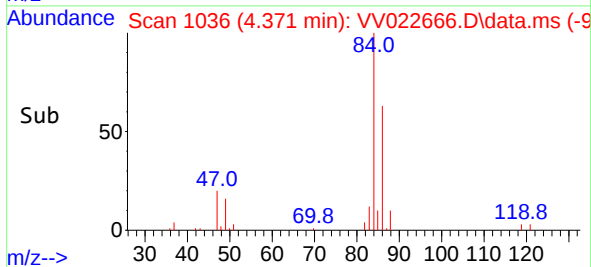
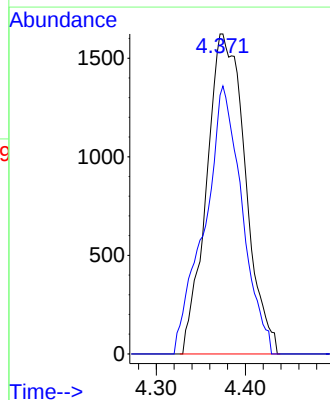
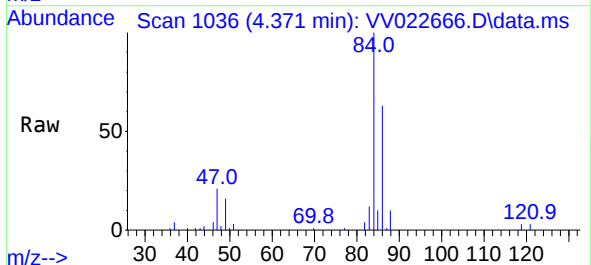
Instrument :
MSVOA_V
ClientSampled :

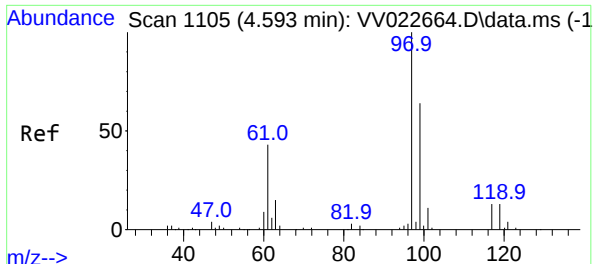
Tgt Ion: 96 Resp: 48474
Ion Ratio Lower Upper
96 100
61 117.9 86.0 159.6
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.332 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV022666.D
Acq: 07 Oct 2021 16:42

Tgt Ion: 83 Resp: 4901
Ion Ratio Lower Upper
83 100
85 80.8 45.7 84.9



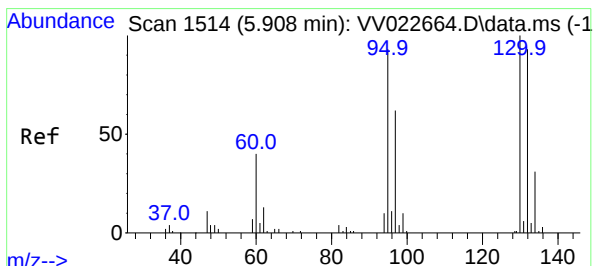
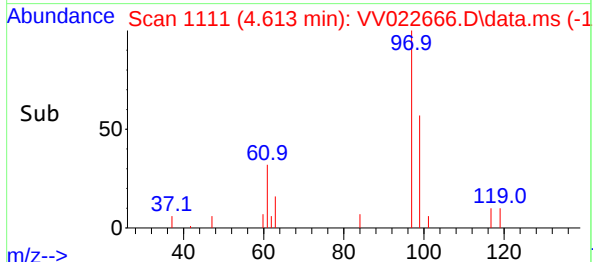
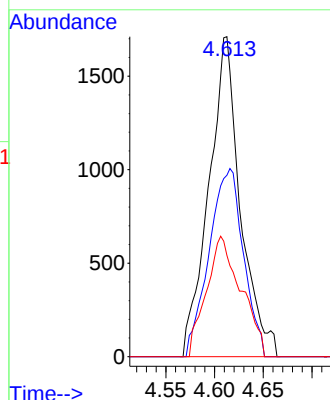
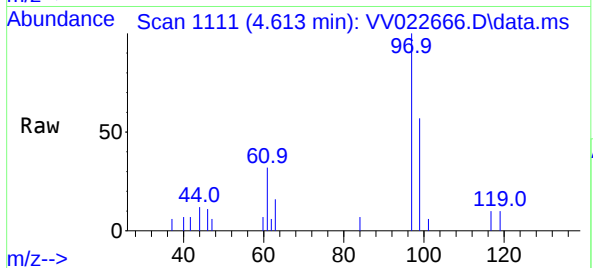


#29
1,1,1-Trichloroethane
Concen: 0.307 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.019 min
Lab File: VV022666.D
Acq: 07 Oct 2021 16:42

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 3856

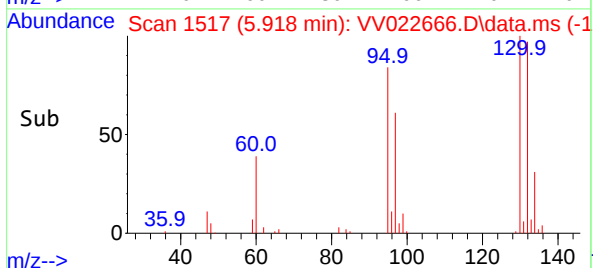
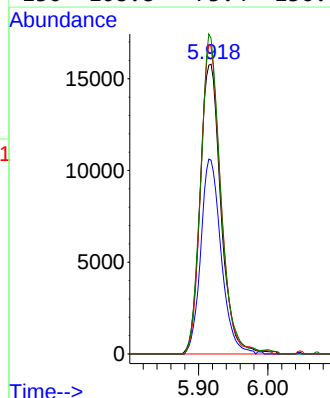
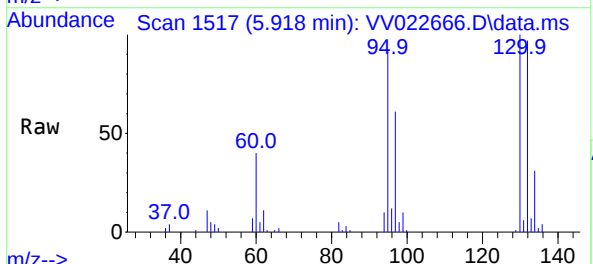
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.2	76.8
61	41.3	33.2	49.8

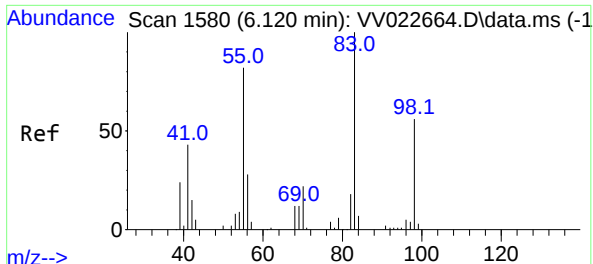


#34
Trichloroethene
Concen: 4.112 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV022666.D
Acq: 07 Oct 2021 16:42

Tgt Ion: 95 Resp: 33091

Ion	Ratio	Lower	Upper
95	100		
97	66.9	45.8	85.2
132	106.1	72.2	134.0
130	108.8	73.4	136.4





#35

Methylcyclohexane

Concen: 1.022 ug/L

RT: 6.072 min Scan# 1565

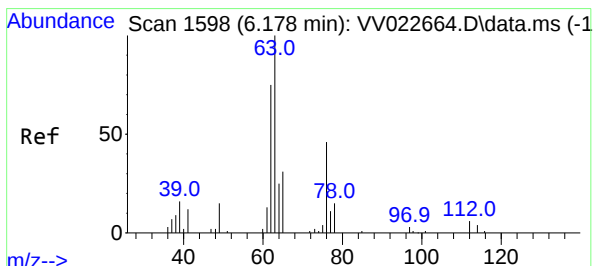
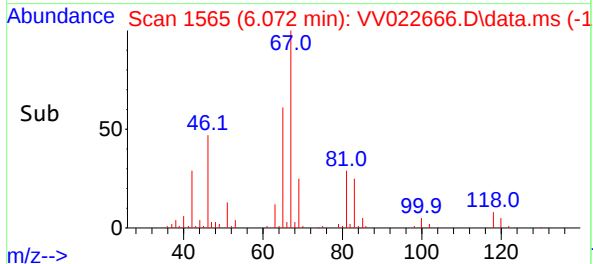
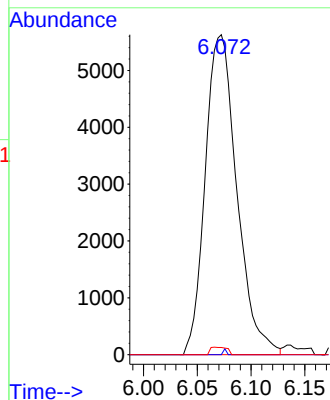
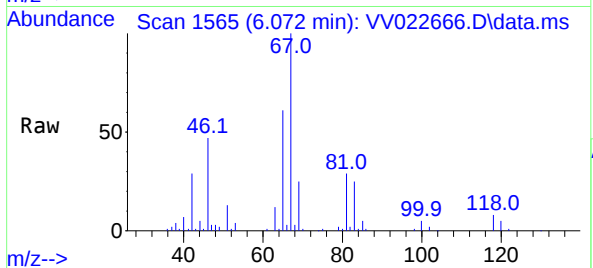
Delta R.T. -0.048 min

Lab File: VV022666.D

Acq: 07 Oct 2021 16:42

Tgt Ion:	83	Resp:	11522
Ion	Ratio	Lower	Upper
83	100		
55	0.2	63.8	95.6#
98	1.2	42.1	63.1#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.736 ug/L

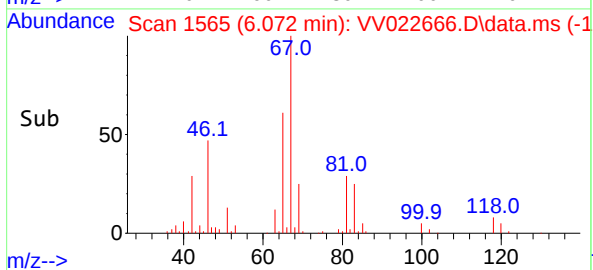
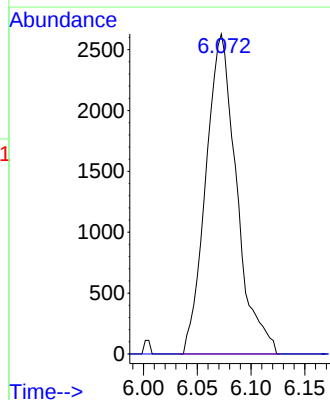
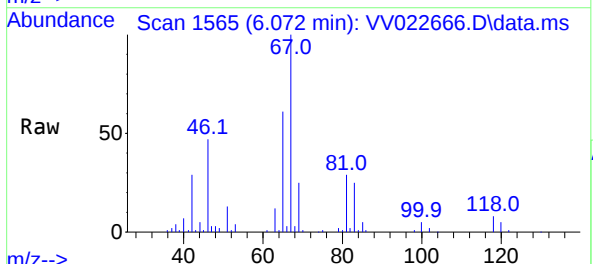
RT: 6.072 min Scan# 1565

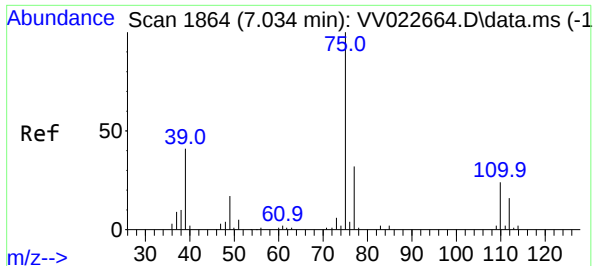
Delta R.T. -0.106 min

Lab File: VV022666.D

Acq: 07 Oct 2021 16:42

Tgt Ion:	63	Resp:	5241
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#

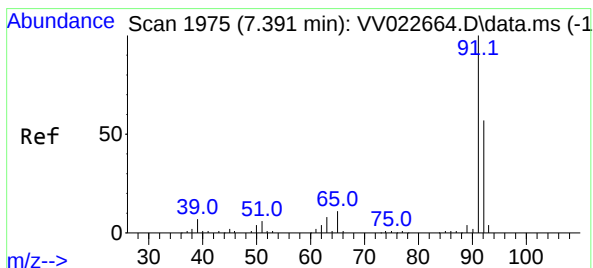
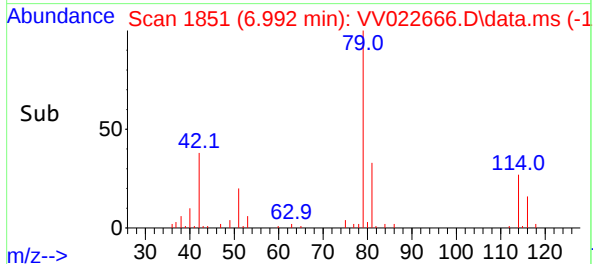
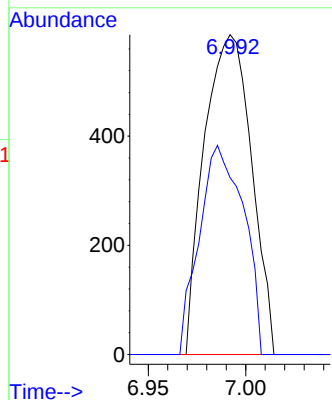
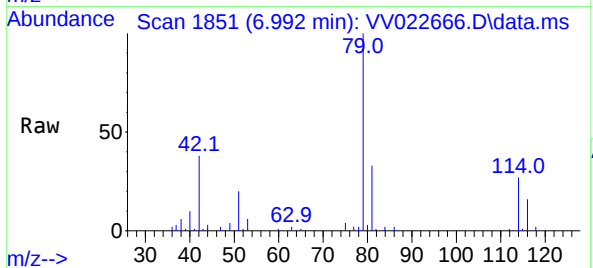




#39
cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.042 min
Lab File: VV022666.D
Acq: 07 Oct 2021 16:42

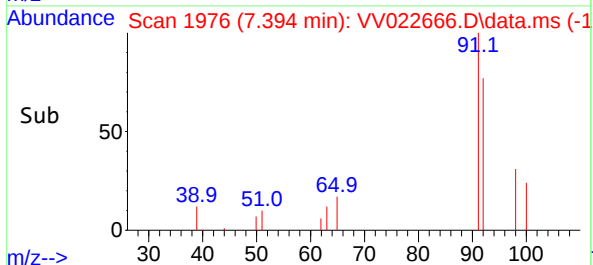
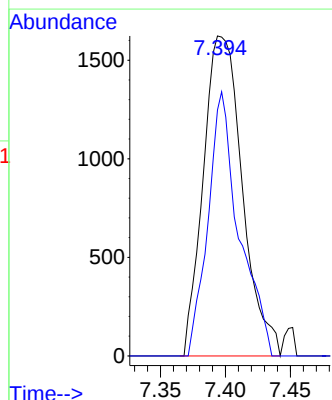
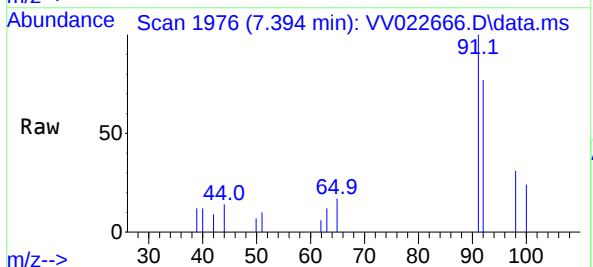
Instrument :
MSVOA_V
ClientSampled :

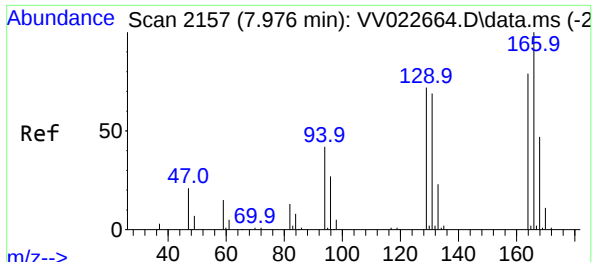
Tgt Ion: 75 Resp: 988
Ion Ratio Lower Upper
75 100
77 55.3 22.3 41.3#



#42
Toluene
Concen: 0.113 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV022666.D
Acq: 07 Oct 2021 16:42

Tgt Ion: 91 Resp: 3395
Ion Ratio Lower Upper
91 100
92 76.8 40.7 75.7#



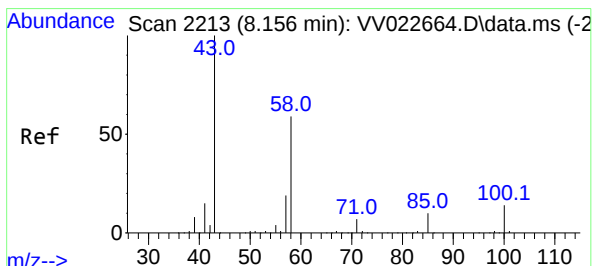
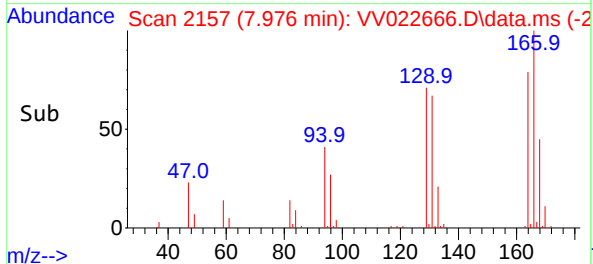
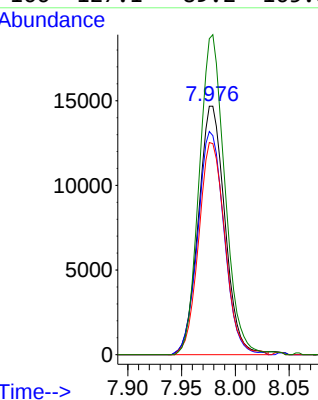
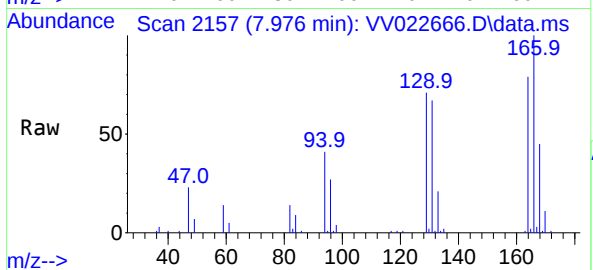


#47
Tetrachloroethene
Concen: 3.874 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022666.D
Acq: 07 Oct 2021 16:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 25215

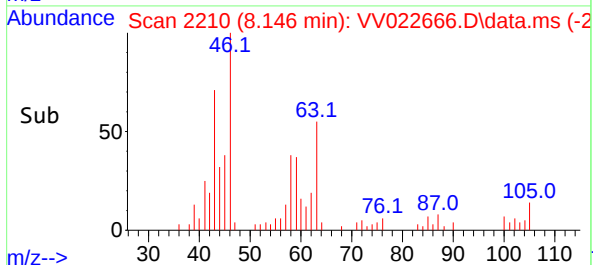
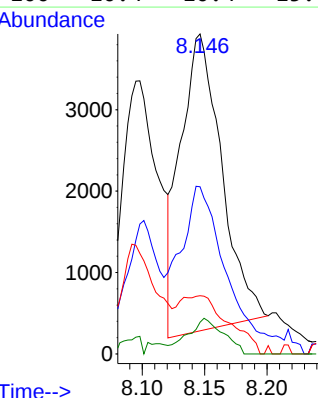
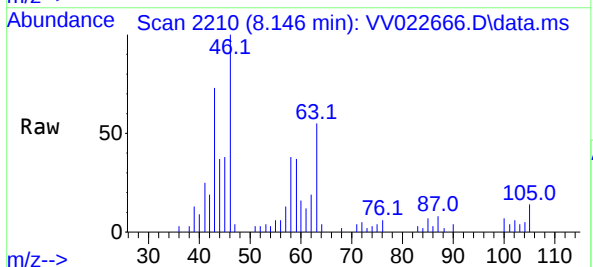
Ion	Ratio	Lower	Upper
164	100		
129	89.8	65.0	120.6
131	85.4	62.2	115.4
166	127.1	89.2	165.8

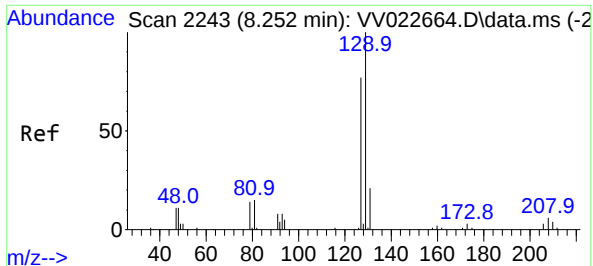


#48
2-Hexanone
Concen: 2.996 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. -0.010 min
Lab File: VV022666.D
Acq: 07 Oct 2021 16:42

Tgt Ion: 43 Resp: 8378

Ion	Ratio	Lower	Upper
43	100		
58	57.8	47.4	71.0
57	22.3	15.3	22.9
100	10.4	10.4	15.6





#49

Dibromochloromethane

Concen: 3.378 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.276 min

Lab File: VV022666.D

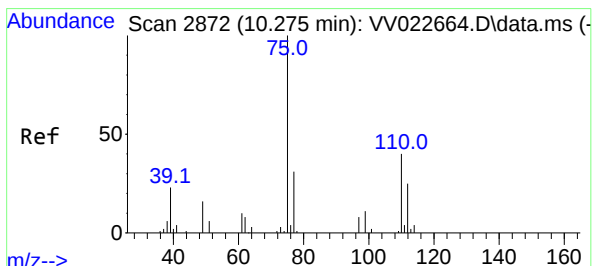
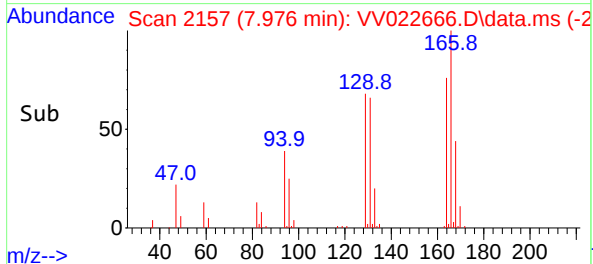
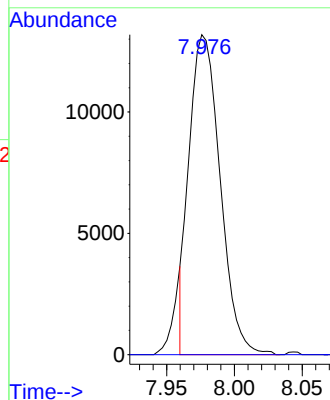
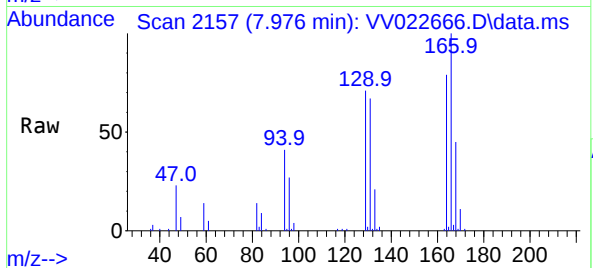
Acq: 07 Oct 2021 16:42

Tgt Ion:129 Resp: 20890

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.500 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.978 min

Lab File: VV022666.D

Acq: 07 Oct 2021 16:42

Tgt Ion: 75 Resp: 5153

Ion Ratio Lower Upper

75 100

77 34.8 25.4 38.2

110 1.3 34.2 51.4#

