

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
 Data File : VV022674.D
 Acq On : 07 Oct 2021 19:53
 Operator : SY/MD
 Sample : M4052-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 04:04:10 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	107132	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	107774	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	48920	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37527	5.091	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.800%		
7) Chloroethane-d5	1.568	69	35331	5.334	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.600%		
11) 1,1-Dichloroethene-d2	2.108	63	59374	4.106	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 82.200%		
20) 2-Butanone-d5	3.899	46	90857	47.011	ug/L	-0.06
Spiked Amount	50.000	Range 40 - 130	Recovery	= 94.020%		
24) Chloroform-d	4.349	84	48652	3.203	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 64.000%#		
26) 1,2-Dichloroethane-d4	5.034	65	37097	5.032	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.600%		
32) Benzene-d6	5.053	84	144638	4.508	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	= 90.200%		
36) 1,2-Dichloropropane-d6	6.069	67	45605	4.800	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 96.000%		
41) Toluene-d8	7.320	98	121363	4.376	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 87.600%		
43) trans-1,3-Dichloroprop...	7.625	79	14311	4.540	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 90.800%		
46) 2-Hexanone-d5	8.092	63	57817	45.518	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	= 91.040%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29622	4.602	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 92.000%		
66) 1,2-Dichlorobenzene-d4	11.625	152	48179	5.312	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 106.200%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	4152	0.642	ug/L #	1
14) Carbon disulfide	2.294	76	93420	5.137	ug/L	99
19) 1,1-Dichloroethane	3.198	63	706	0.056	ug/L #	59
22) cis-1,2-Dichloroethene	3.912	96	27663	3.744	ug/L	92
25) Chloroform	4.378	83	26197	1.783	ug/L	98
29) 1,1,1-Trichloroethane	4.616	97	859	0.070	ug/L #	73
34) Trichloroethene	5.921	95	10935	1.385	ug/L	97
35) Methylcyclohexane	6.072	83	11158	1.009	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	4977	0.713	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1064	0.115	ug/L #	72
40) 4-Methyl-2-pentanone	7.243	43	2886	0.769	ug/L #	88
42) Toluene	7.397	91	2682	0.091	ug/L	95
47) Tetrachloroethene	7.989	164	1544	0.242	ug/L #	85
48) 2-Hexanone	8.143	43	8914	3.250	ug/L #	76
49) Dibromochloromethane	7.982	129	1434	0.236	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5418	1.594	ug/L #	61

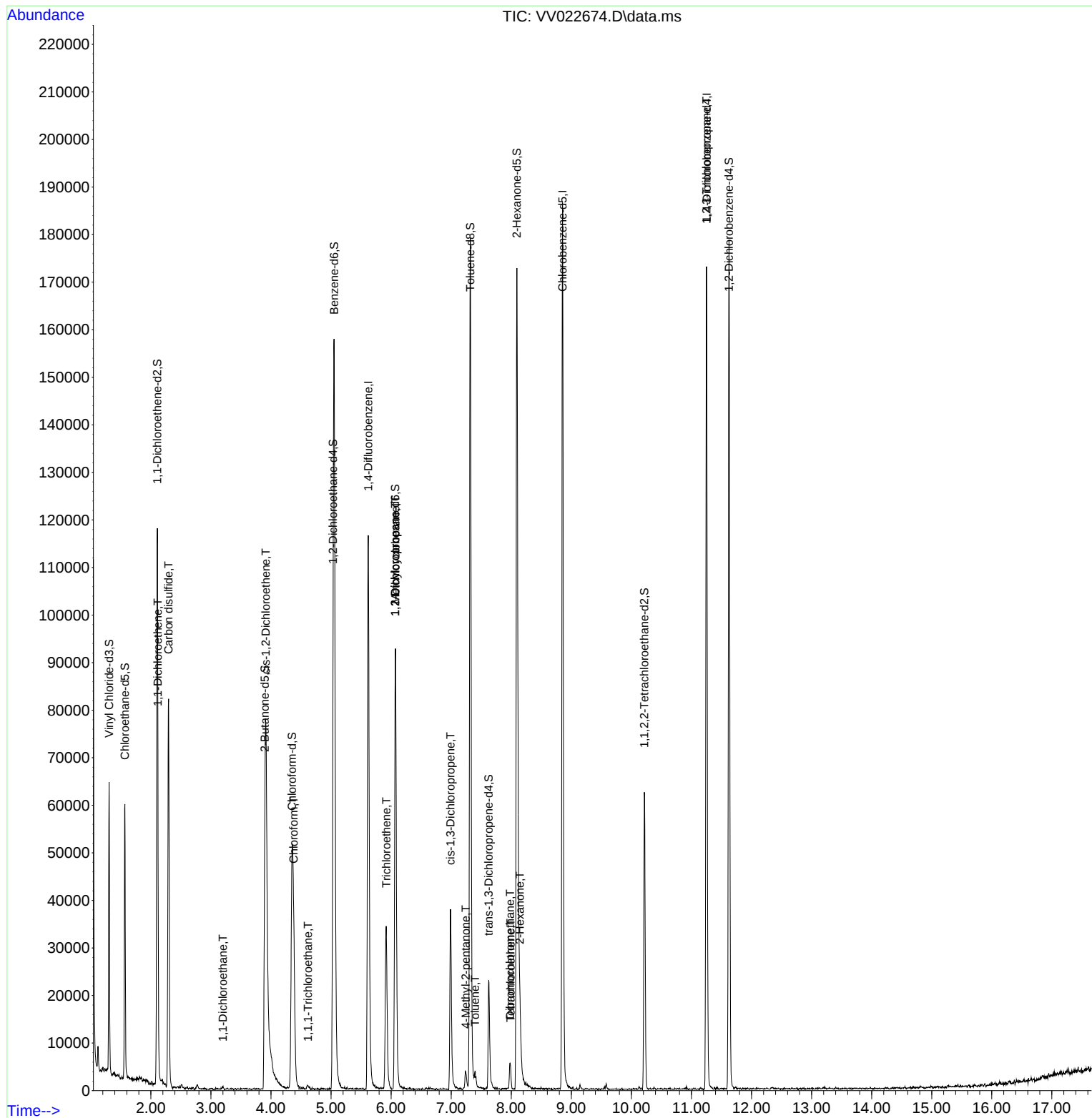
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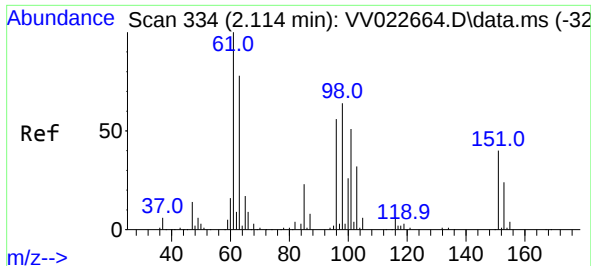
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
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Quant Time: Oct 08 04:04:10 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





#12

1,1-Dichloroethene

Concen: 0.642 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV022674.D

Acq: 07 Oct 2021 19:53

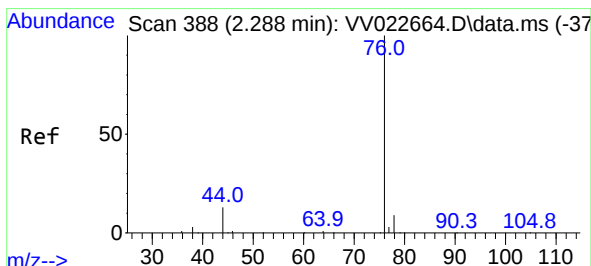
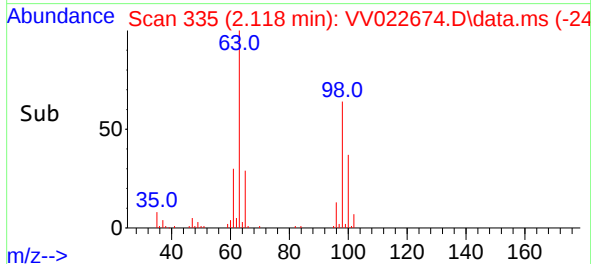
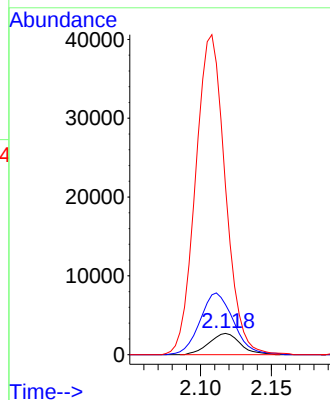
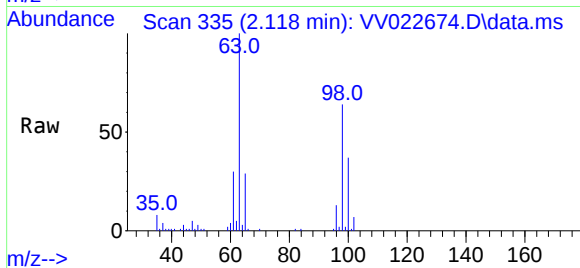
Tgt Ion: 96 Resp: 4152

Ion Ratio Lower Upper

96 100

61 235.0 127.3 236.5

63 790.5 106.2 197.2#



#14

Carbon disulfide

Concen: 5.137 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.007 min

Lab File: VV022674.D

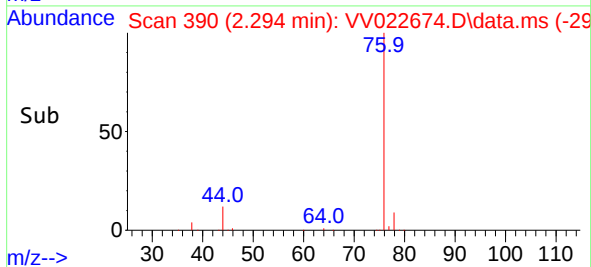
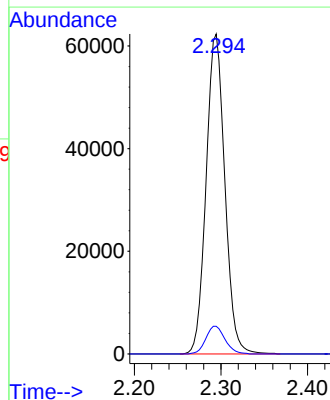
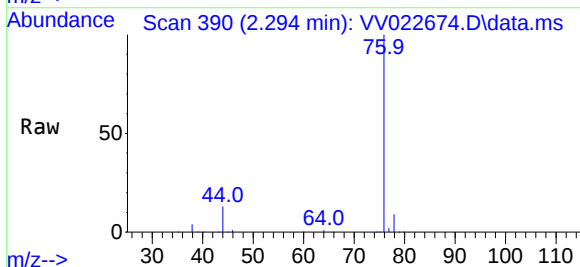
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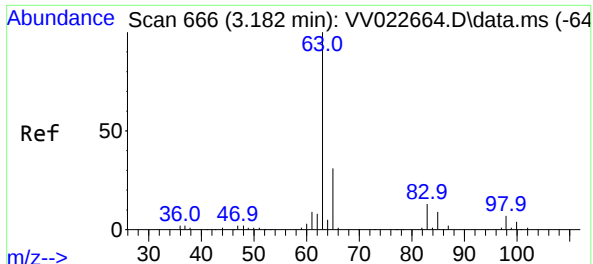
Tgt Ion: 76 Resp: 93420

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0



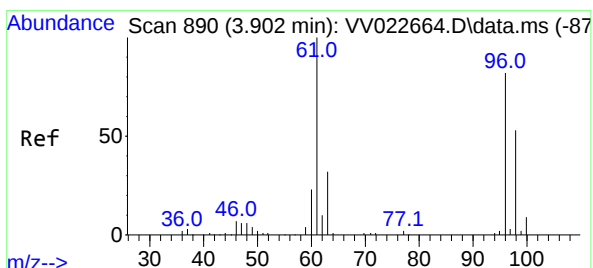
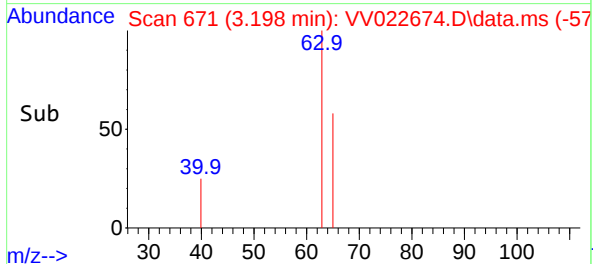
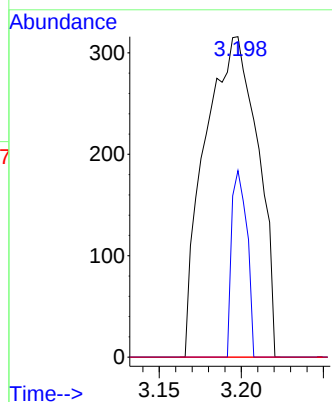
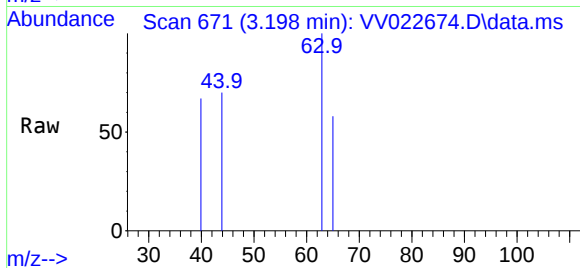


#19
1,1-Dichloroethane
Concen: 0.056 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.016 min
Lab File: VV022674.D
Acq: 07 Oct 2021 19:53

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 63 Resp: 706

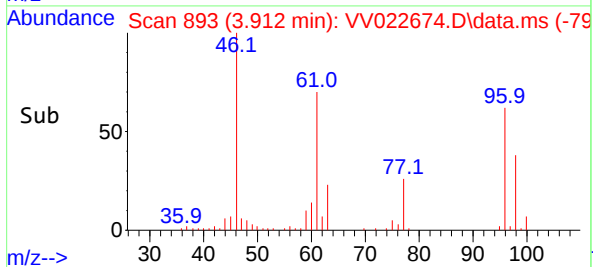
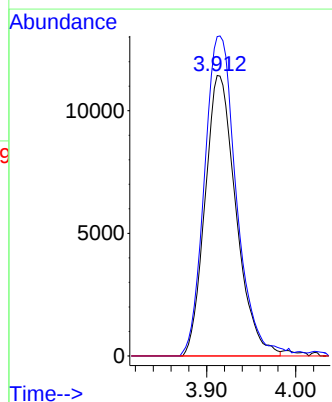
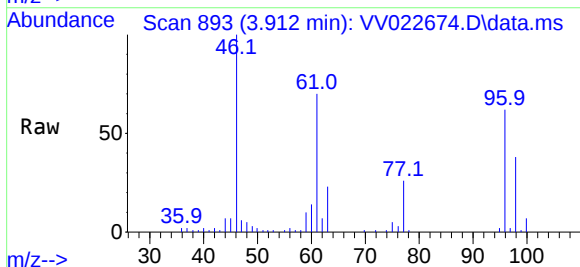
Ion	Ratio	Lower	Upper
63	100		
65	58.2	23.5	43.7#
83	0.0	10.1	18.7#

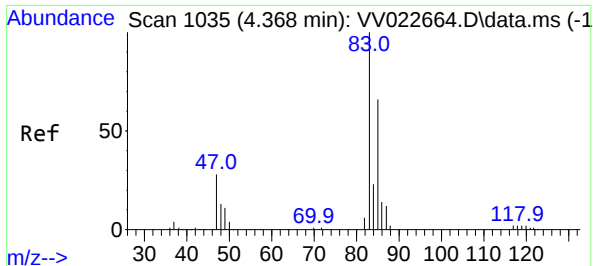


#22
cis-1,2-Dichloroethene
Concen: 3.744 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV022674.D
Acq: 07 Oct 2021 19:53

Tgt Ion: 96 Resp: 27663

Ion	Ratio	Lower	Upper
96	100		
61	113.9	86.0	159.6
68	0.0	0.0	0.0



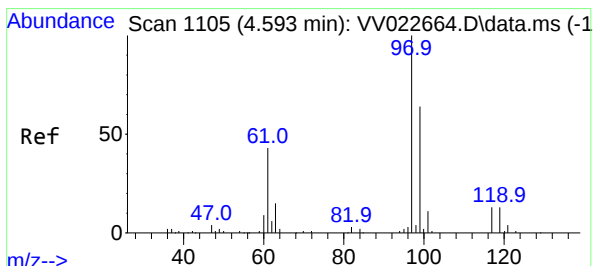
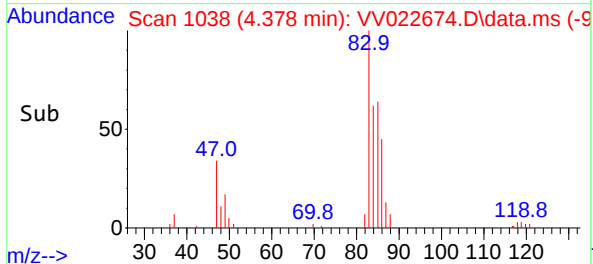
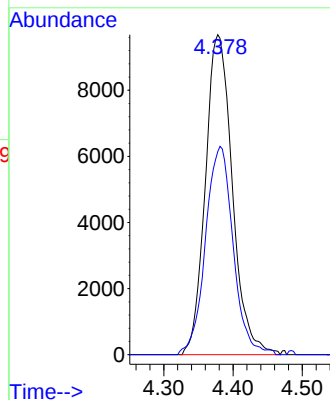
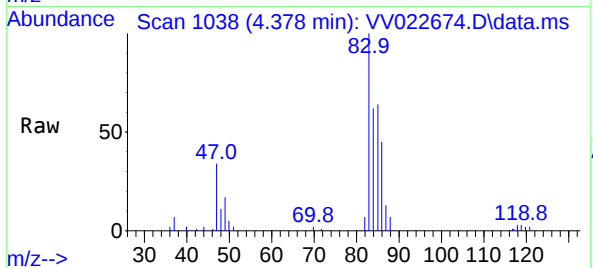


#25

Chloroform
Concen: 1.783 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.010 min
Lab File: VV022674.D
Acq: 07 Oct 2021 19:53

Instrument :
MSVOA_V
ClientSampled :

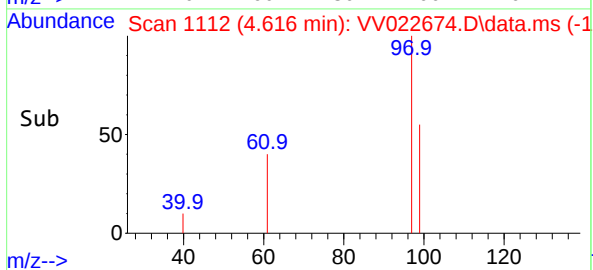
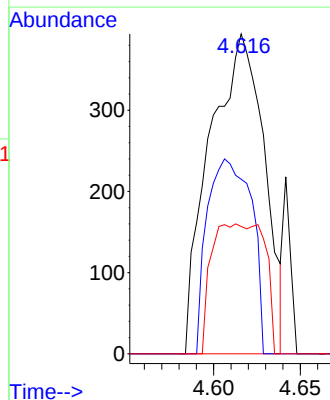
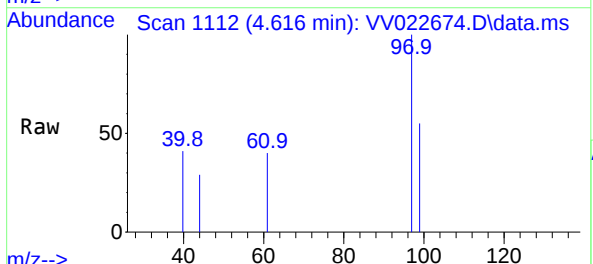
Tgt Ion: 83 Resp: 26197
Ion Ratio Lower Upper
83 100
85 63.5 45.7 84.9

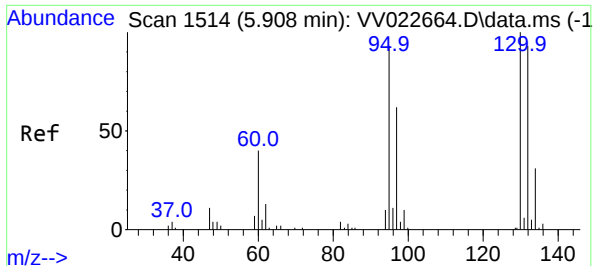


#29

1,1,1-Trichloroethane
Concen: 0.070 ug/L
RT: 4.616 min Scan# 1112
Delta R.T. 0.023 min
Lab File: VV022674.D
Acq: 07 Oct 2021 19:53

Tgt Ion: 97 Resp: 859
Ion Ratio Lower Upper
97 100
99 49.5 51.2 76.8#
61 15.9 33.2 49.8#

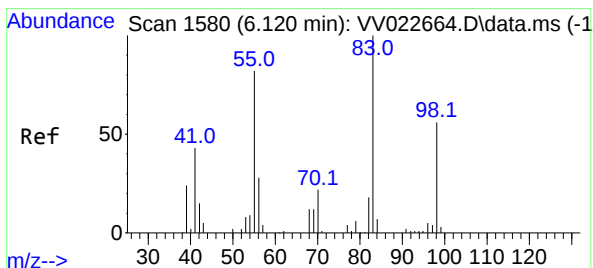
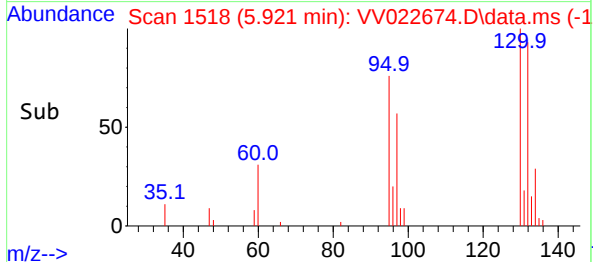
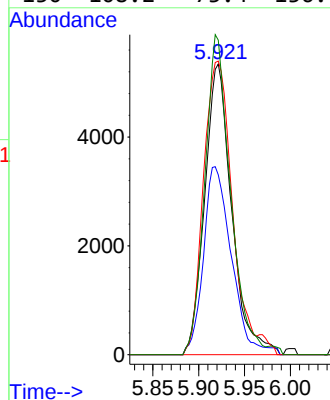
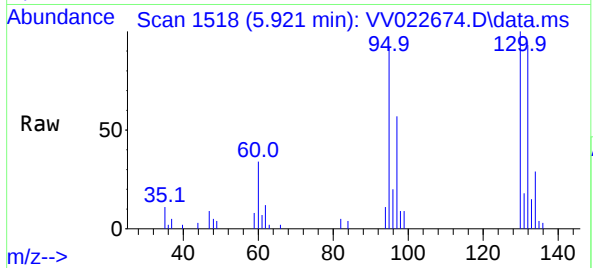




#34
Trichloroethene
Concen: 1.385 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.013 min
Lab File: VV022674.D
Acq: 07 Oct 2021 19:53

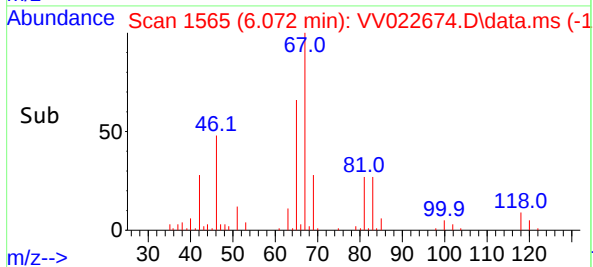
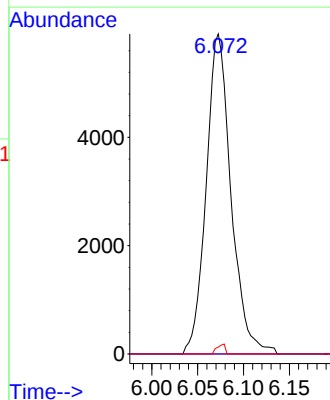
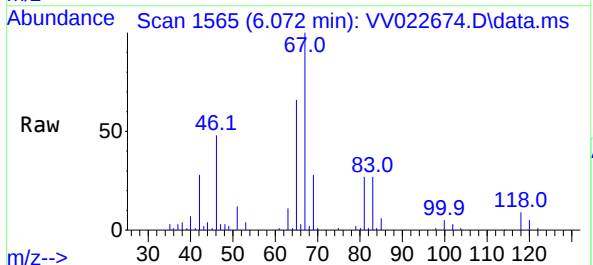
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ClientSampled :

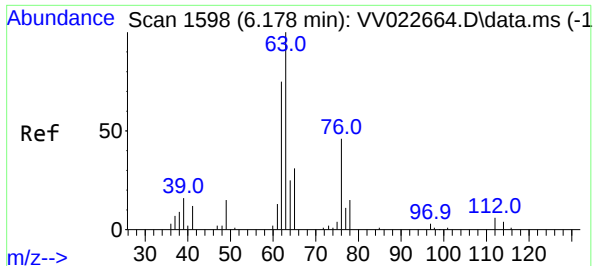
Tgt Ion: 95 Resp: 10935
Ion Ratio Lower Upper
95 100
97 61.9 45.8 85.2
132 101.0 72.2 134.0
130 108.2 73.4 136.4



#35
Methylcyclohexane
Concen: 1.009 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.048 min
Lab File: VV022674.D
Acq: 07 Oct 2021 19:53

Tgt Ion: 83 Resp: 11158
Ion Ratio Lower Upper
83 100
55 0.0 63.8 95.6#
98 1.0 42.1 63.1#

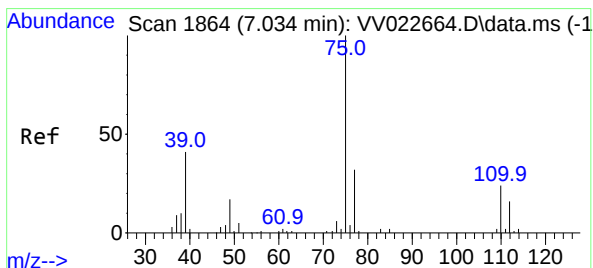
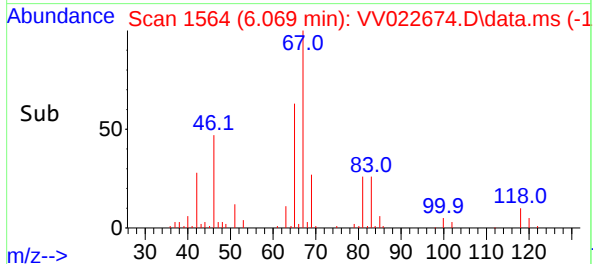
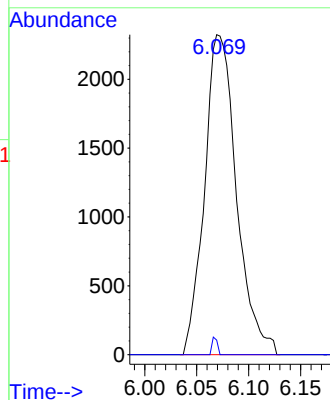
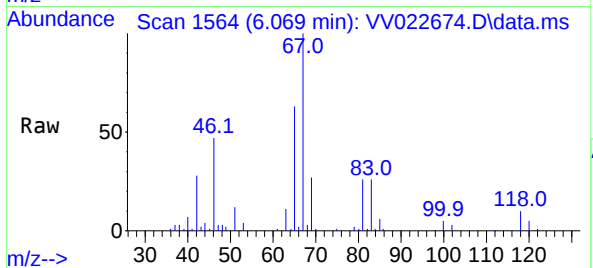




#37
1,2-Dichloropropane
Concen: 0.713 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.109 min
Lab File: VV022674.D
Acq: 07 Oct 2021 19:53

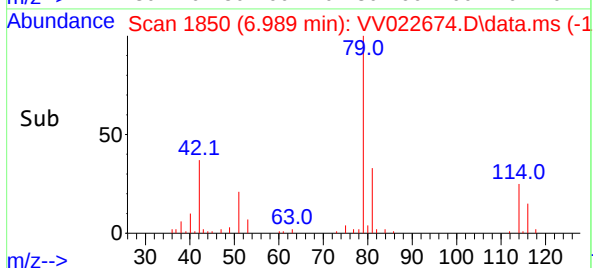
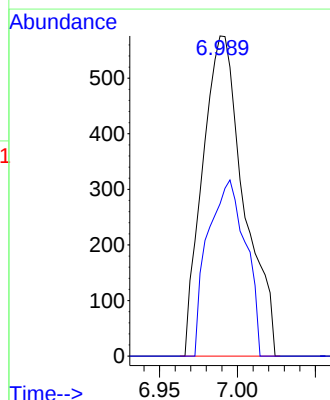
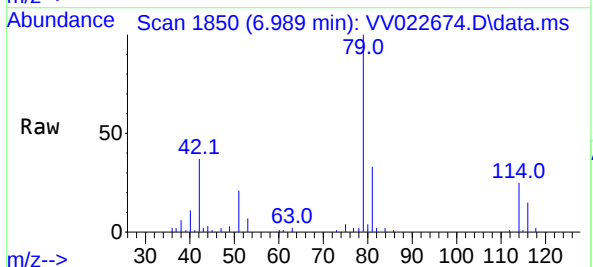
Instrument :
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ClientSampleId :

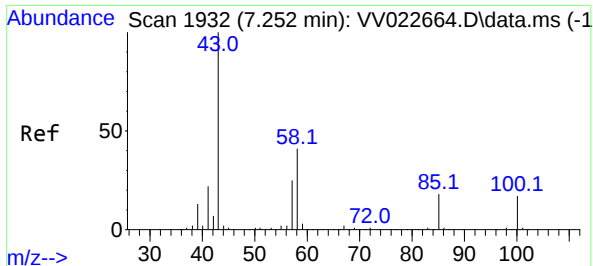
Tgt Ion: 63 Resp: 4977
Ion Ratio Lower Upper
63 100
112 0.9 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.115 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.045 min
Lab File: VV022674.D
Acq: 07 Oct 2021 19:53

Tgt Ion: 75 Resp: 1064
Ion Ratio Lower Upper
75 100
77 47.6 22.3 41.3#

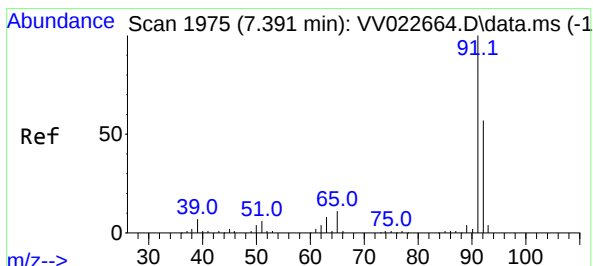
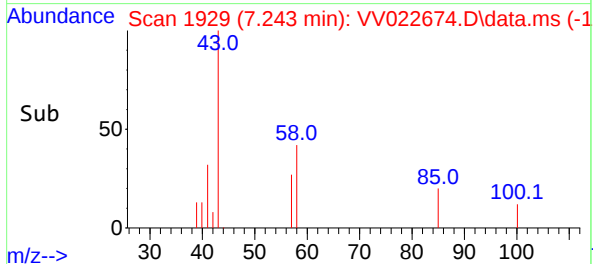
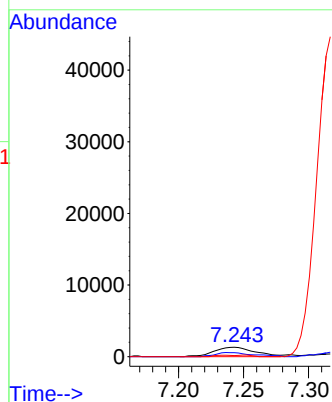
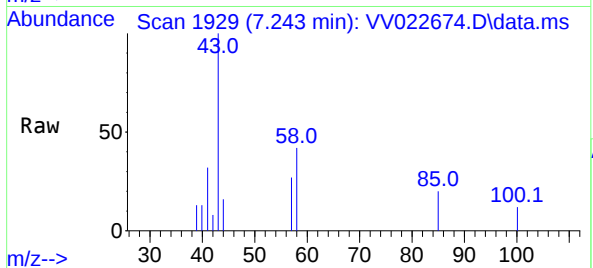




#40
4-Methyl-2-pentanone
Concen: 0.769 ug/L
RT: 7.243 min Scan# 1929
Delta R.T. -0.010 min
Lab File: VV022674.D
Acq: 07 Oct 2021 19:53

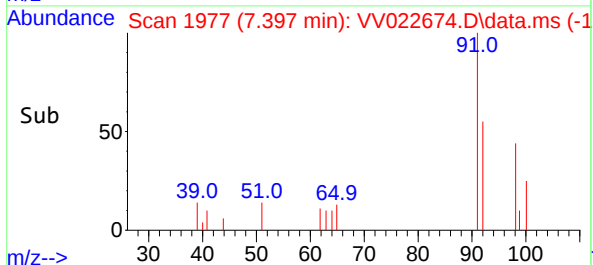
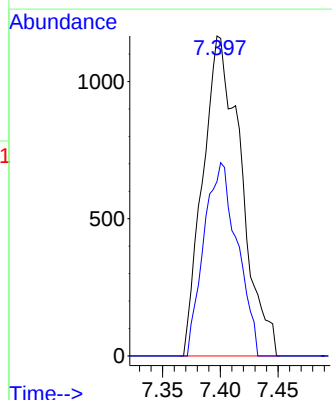
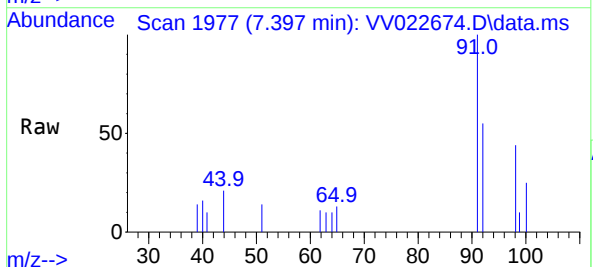
Instrument :
MSVOA_V
ClientSampled :

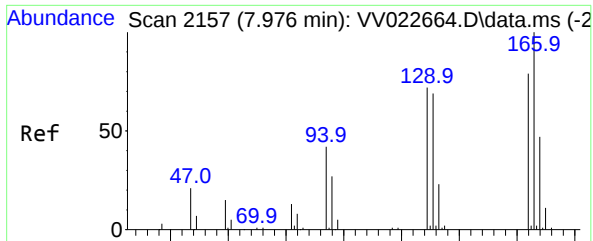
Tgt Ion: 43 Resp: 2886
Ion Ratio Lower Upper
43 100
58 39.9 32.0 48.0
100 0.0 14.2 21.2#



#42
Toluene
Concen: 0.091 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.007 min
Lab File: VV022674.D
Acq: 07 Oct 2021 19:53

Tgt Ion: 91 Resp: 2682
Ion Ratio Lower Upper
91 100
92 54.5 40.7 75.7



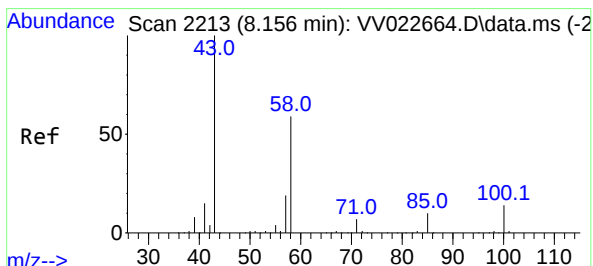
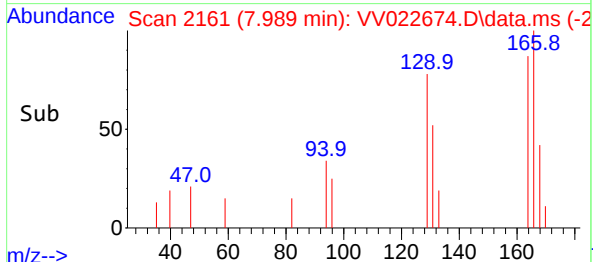
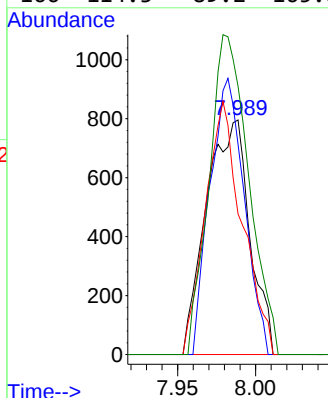
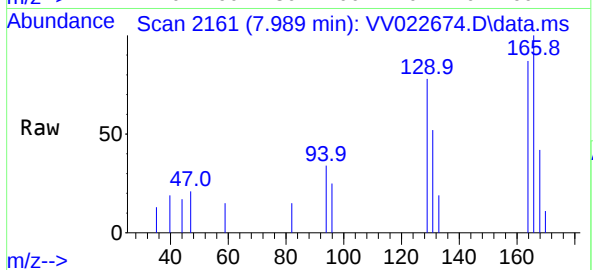


#47
Tetrachloroethene
Concen: 0.242 ug/L
RT: 7.989 min Scan# 2161
Delta R.T. 0.013 min
Lab File: VV022674.D
Acq: 07 Oct 2021 19:53

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:164 Resp: 1544

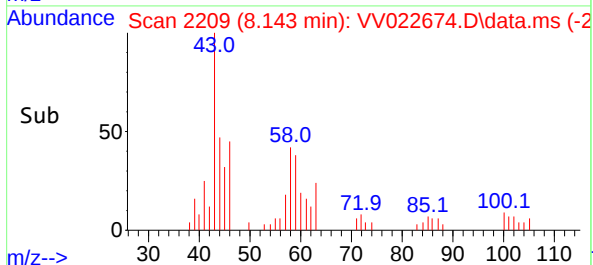
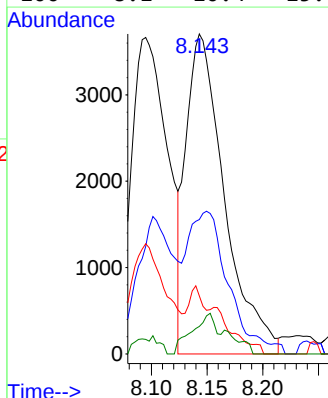
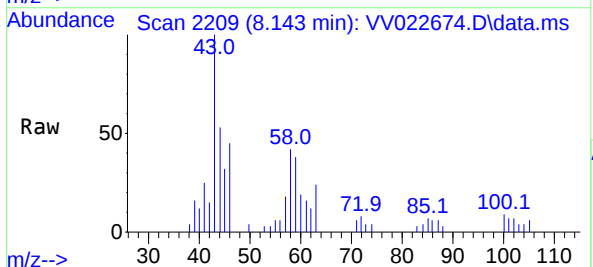
Ion	Ratio	Lower	Upper
164	100		
129	89.6	65.0	120.6
131	59.9	62.2	115.4#
166	114.3	89.2	165.8

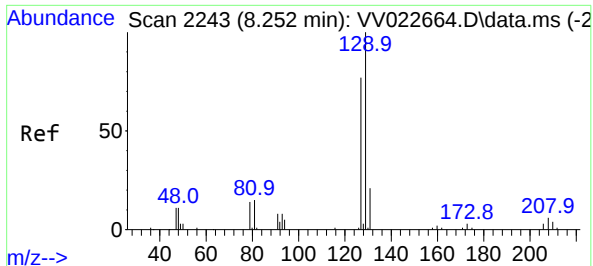


#48
2-Hexanone
Concen: 3.250 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.013 min
Lab File: VV022674.D
Acq: 07 Oct 2021 19:53

Tgt Ion: 43 Resp: 8914

Ion	Ratio	Lower	Upper
43	100		
58	41.7	47.4	71.0#
57	3.0	15.3	22.9#
100	8.1	10.4	15.6#





#49

Dibromochloromethane

Concen: 0.236 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.270 min

Lab File: VV022674.D

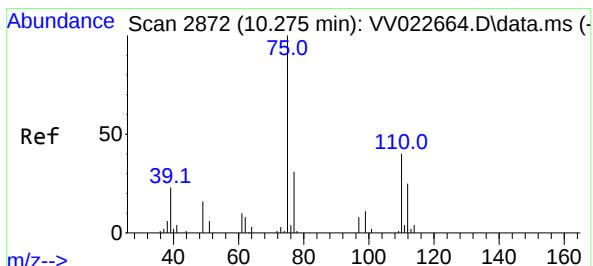
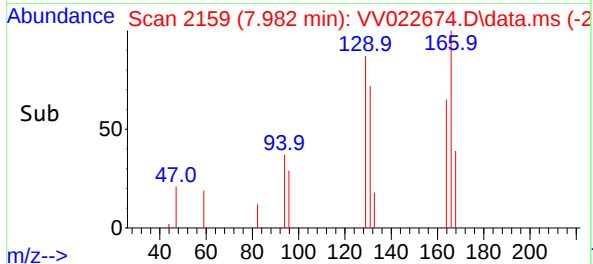
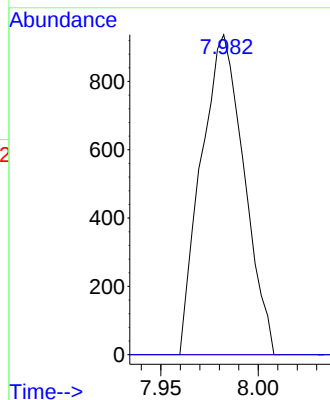
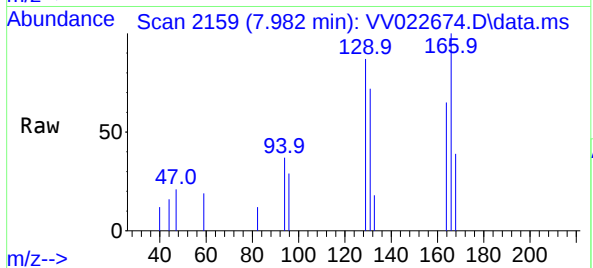
Acq: 07 Oct 2021 19:53

Tgt Ion:129 Resp: 1434

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.594 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022674.D

Acq: 07 Oct 2021 19:53

Tgt Ion: 75 Resp: 5418

Ion Ratio Lower Upper

75 100

77 33.4 25.4 38.2

110 0.8 34.2 51.4#

