

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031622\
 Data File : VU047594.D
 Acq On : 16 Mar 2022 16:48
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK016

Quant Time: Mar 17 00:52:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 00:50:30 2022
 Response via : Initial Calibration

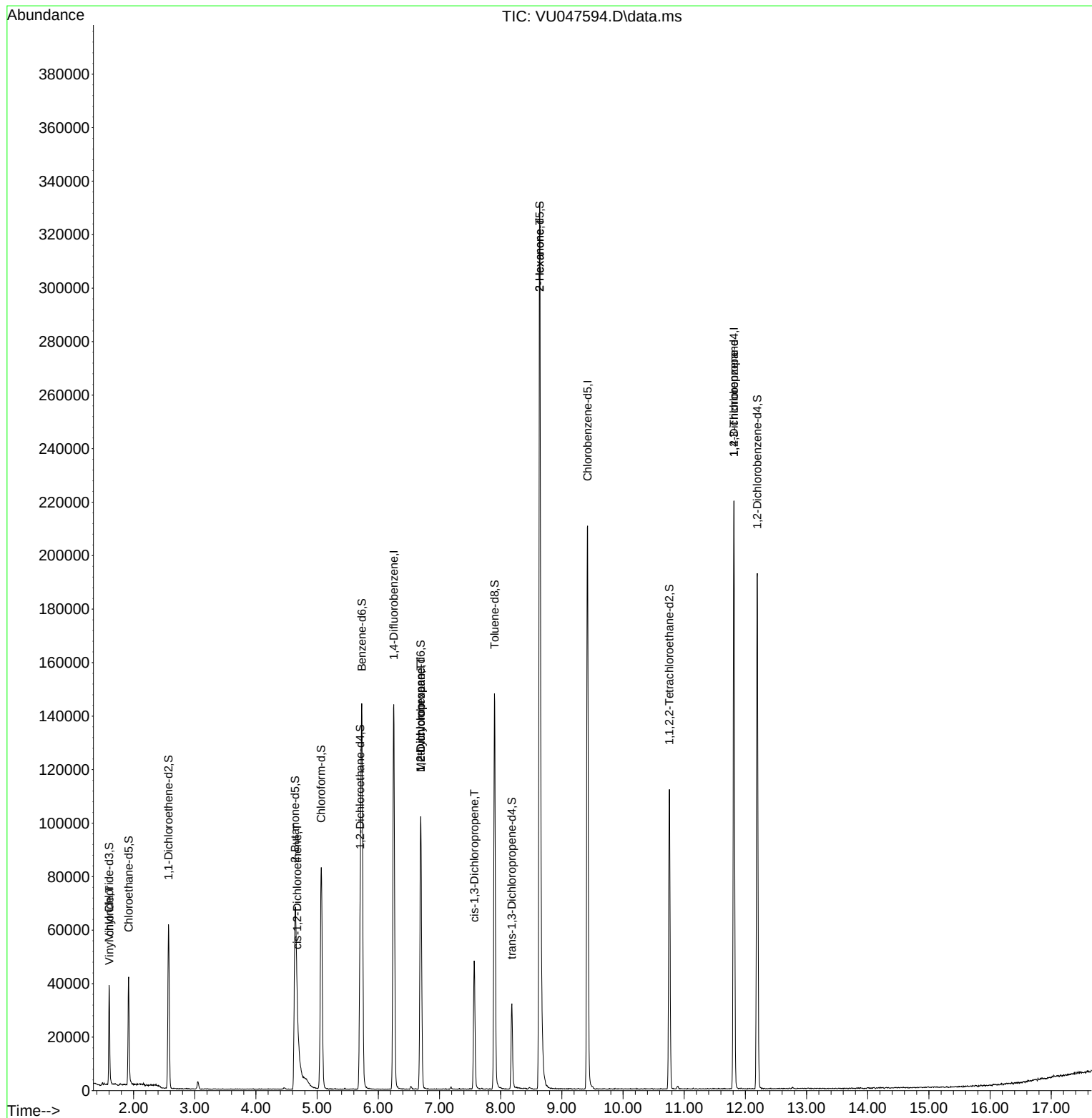
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	124265	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	127033	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62571	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26790	3.297	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.000%	
7) Chloroethane-d5	1.919	69	30906	4.190	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.800%	
11) 1,1-Dichloroethene-d2	2.572	65	10974	2.879	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.600%#	
20) 2-Butanone-d5	4.642	46	153708	65.733	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	131.460%#	
24) Chloroform-d	5.067	84	78809	4.416	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
26) 1,2-Dichloroethane-d4	5.703	65	45320	4.687	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
32) Benzene-d6	5.732	84	134933	3.649	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	73.000%	
36) 1,2-Dichloropropane-d6	6.694	67	48606	4.180	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.600%	
41) Toluene-d8	7.899	98	104391	3.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	60.200%#	
43) trans-1,3-Dichloroprop...	8.182	79	18314	3.746	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.000%	
46) 2-Hexanone-d5	8.639	63	129700	51.176	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.360%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	55077	4.743	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	54969	4.204	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.000%	
Target Compounds						
5) Vinyl chloride	1.607	62	622	0.080	ug/L #	26
22) cis-1,2-Dichloroethene	4.674	96	695	0.094	ug/L	87
35) Methylcyclohexane	6.694	83	11729	1.071	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	5293	0.720	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1059	0.093	ug/L #	75
48) 2-Hexanone	8.636	43	15392	3.945	ug/L #	69
61) 1,2,3-Trichloropropane	11.812	75	6554	1.249	ug/L #	65

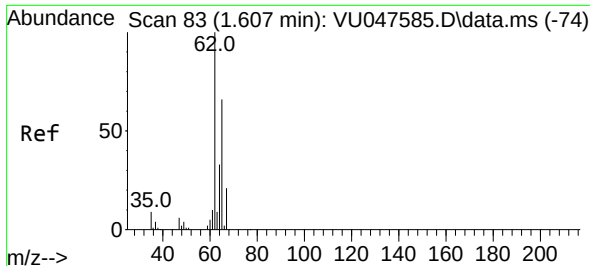
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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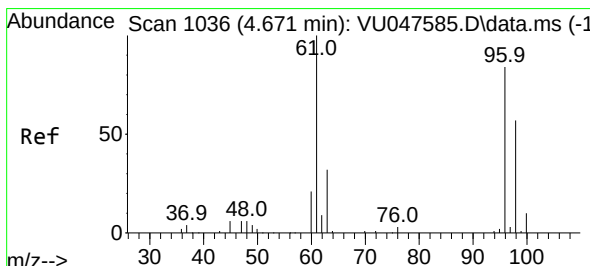
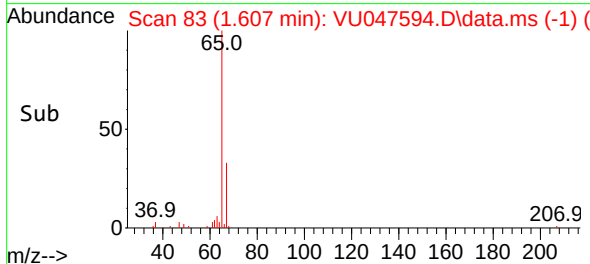
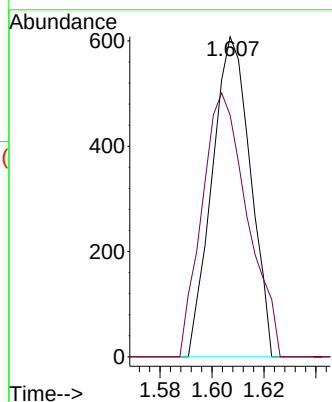
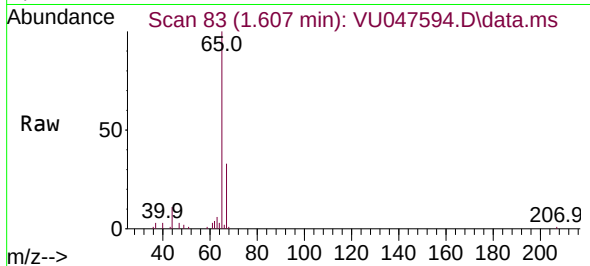




#5
 Vinyl chloride
 Concen: 0.080 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047594.D
 Acq: 16 Mar 2022 16:48

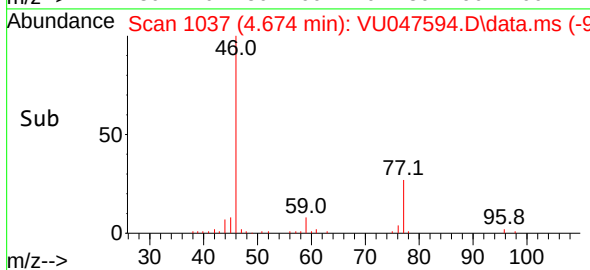
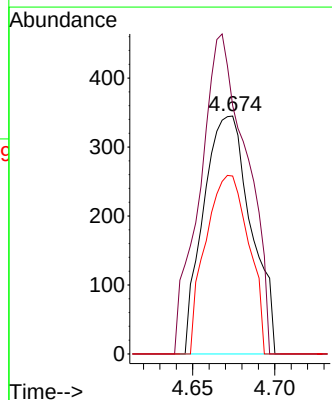
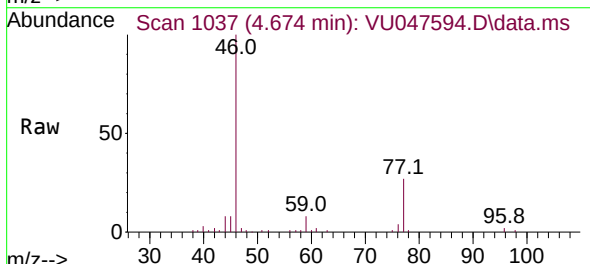
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK016

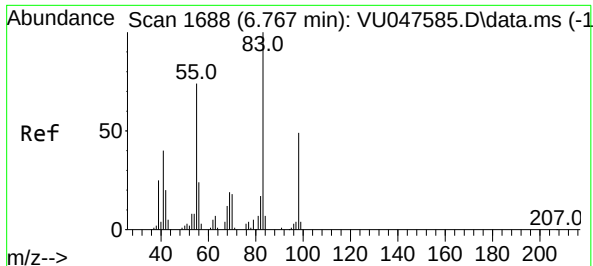
Tgt Ion: 62 Resp: 622
 Ion Ratio Lower Upper
 62 100
 64 75.5 23.5 43.7#



#22
 cis-1,2-Dichloroethene
 Concen: 0.094 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.003 min
 Lab File: VU047594.D
 Acq: 16 Mar 2022 16:48

Tgt Ion: 96 Resp: 695
 Ion Ratio Lower Upper
 96 100
 61 104.3 83.9 155.7
 98 74.8 46.4 86.2

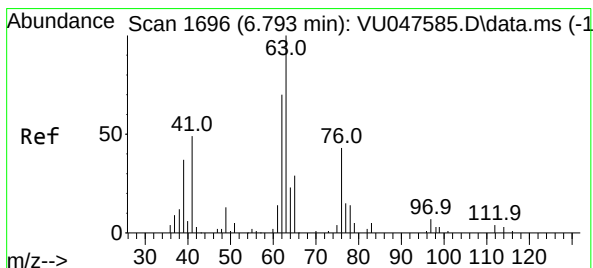
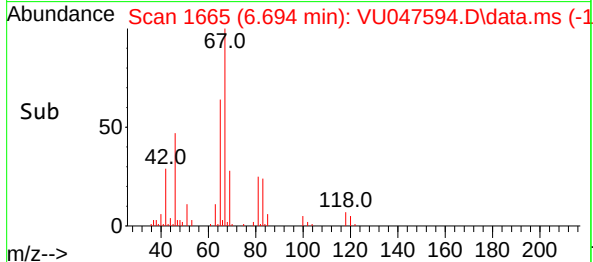
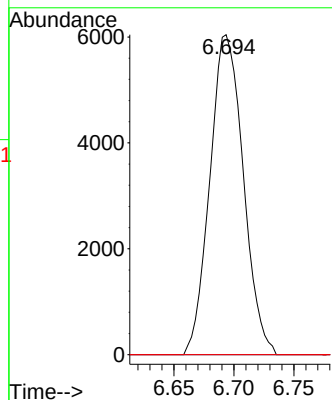
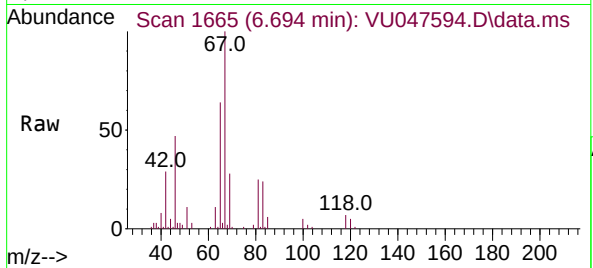




#35
Methylcyclohexane
Concen: 1.071 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047594.D
Acq: 16 Mar 2022 16:48

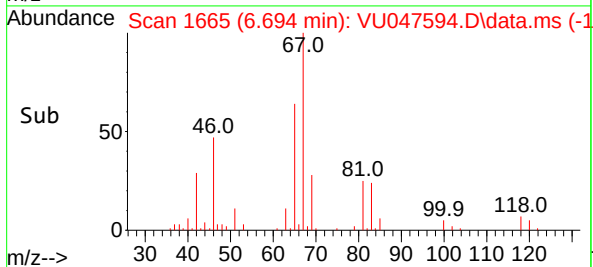
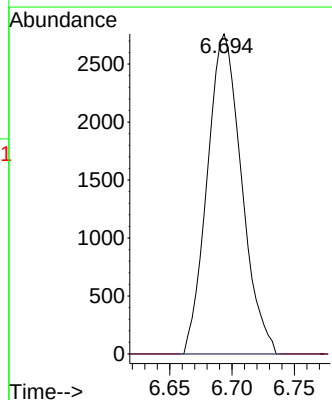
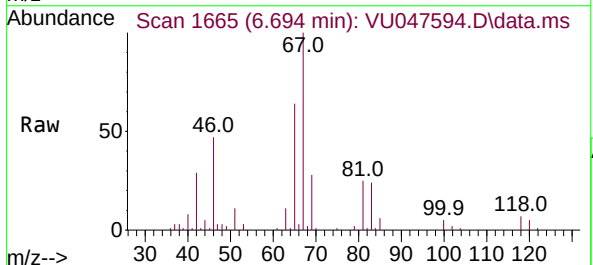
Instrument :
MSVOA_U
ClientSampleId :
VIBLK016

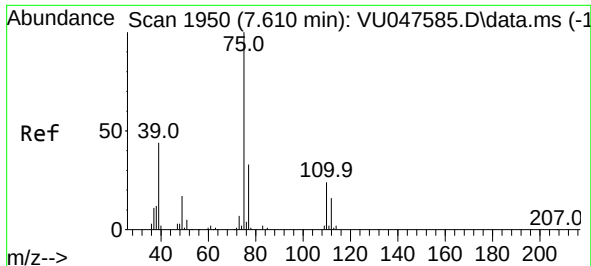
Tgt Ion: 83 Resp: 11729
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 1.6 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.720 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047594.D
Acq: 16 Mar 2022 16:48

Tgt Ion: 63 Resp: 5293
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.571 min Scan# 1950

Delta R.T. -0.038 min

Lab File: VU047594.D

Acq: 16 Mar 2022 16:48

Instrument :

MSVOA_U

ClientSampleId :

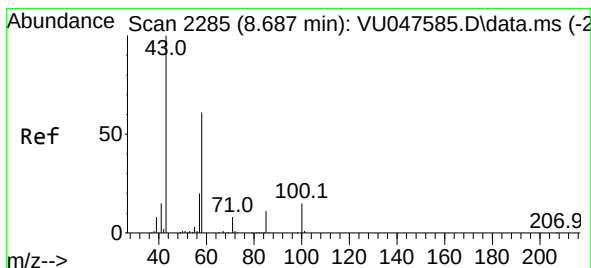
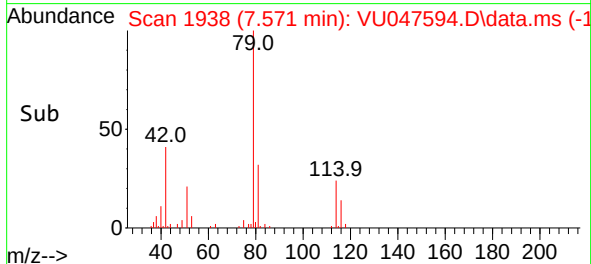
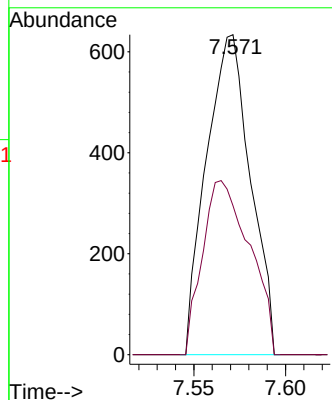
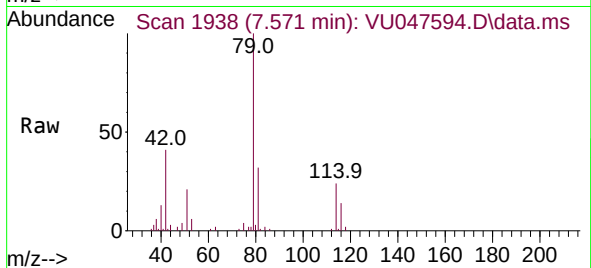
VIBLK016

Tgt Ion: 75 Resp: 1059

Ion Ratio Lower Upper

75 100

77 46.5 22.6 42.0#



#48

2-Hexanone

Concen: 3.945 ug/L

RT: 8.636 min Scan# 2269

Delta R.T. -0.051 min

Lab File: VU047594.D

Acq: 16 Mar 2022 16:48

Tgt Ion: 43 Resp: 15392

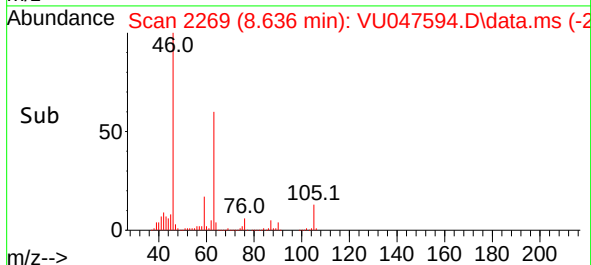
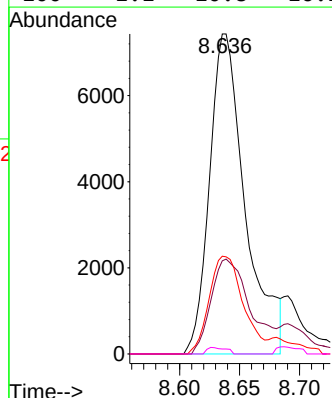
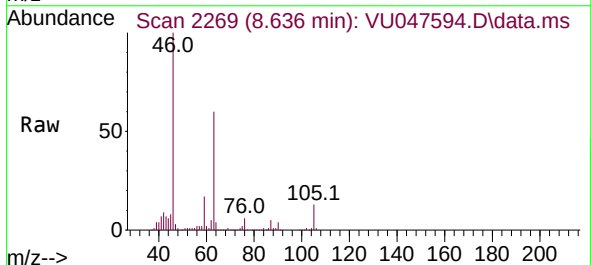
Ion Ratio Lower Upper

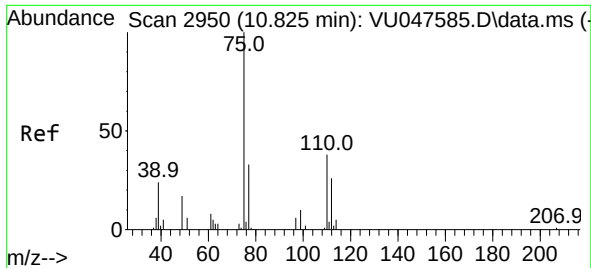
43 100

58 32.6 47.5 71.3#

57 29.0 16.0 24.0#

100 1.1 10.8 16.2#





#61

1,2,3-Trichloropropane

Concen: 1.249 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU047594.D

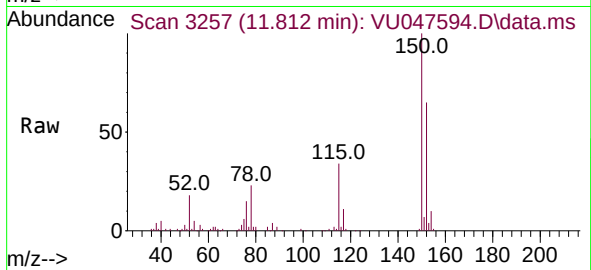
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ClientSampleId :

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Tgt Ion: 75 Resp: 6554

Ion Ratio Lower Upper

75 100

110 0.0 30.2 45.4#

77 34.7 26.6 39.8

