

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052363.D
 Acq On : 12 Dec 2022 19:18
 Operator : JC/MD
 Sample : N5961-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N41

Quant Time: Dec 13 01:06:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 13 01:01:45 2022
 Response via : Initial Calibration

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

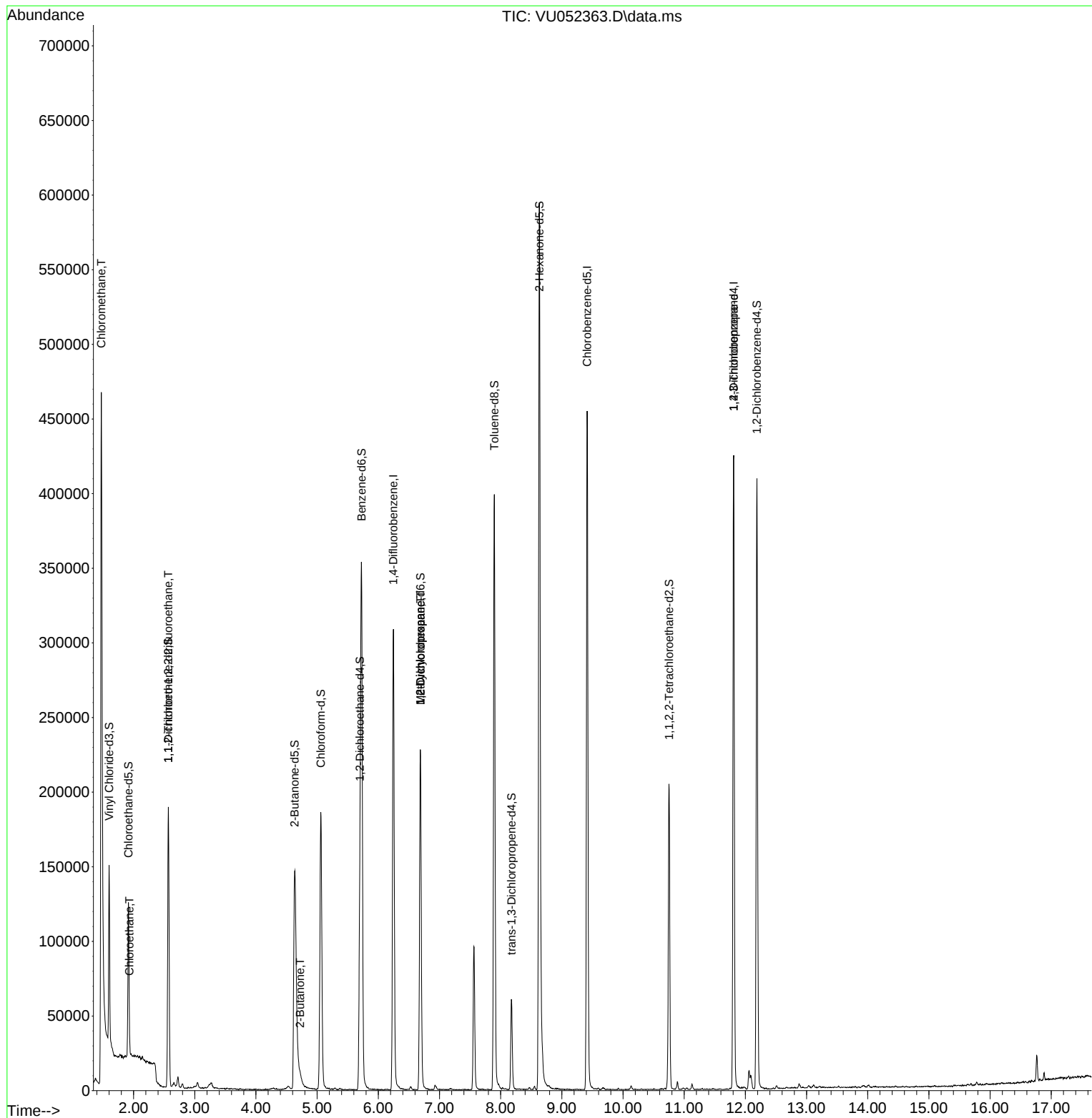
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	253874	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	263651	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	116544	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	87161	3.530	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.600%	
7) Chloroethane-d5	1.916	69	79307	4.135	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.600%	
11) 1,1-Dichloroethene-d2	2.568	65	35479	4.008	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.200%	
20) 2-Butanone-d5	4.633	46	272524	60.883	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.760%	
24) Chloroform-d	5.060	84	171708	4.732	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
26) 1,2-Dichloroethane-d4	5.700	65	90298	4.927	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.726	84	353272	4.513	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
36) 1,2-Dichloropropane-d6	6.687	67	117017	4.831	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.600%	
41) Toluene-d8	7.896	98	280562	3.962	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.200%	
43) trans-1,3-Dichloroprop...	8.176	79	36891	4.179	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.600%	
46) 2-Hexanone-d5	8.632	63	211480	56.532	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	113.060%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	106219	5.057	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.200%	
66) 1,2-Dichlorobenzene-d4	12.189	152	114263	5.121	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.472	50	10945	0.381	ug/L #	41
8) Chloroethane	1.932	64	2256	0.131	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1088	0.059	ug/L #	20
21) 2-Butanone	4.723	43	10488	2.153	ug/L	100
35) Methylcyclohexane	6.687	83	26995	0.877	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11654	0.525	ug/L #	89
61) 1,2,3-Trichloropropane	11.809	75	13389	1.004	ug/L #	70

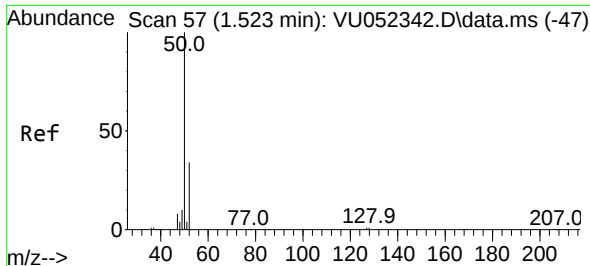
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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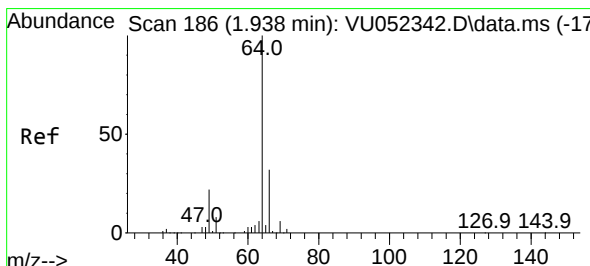
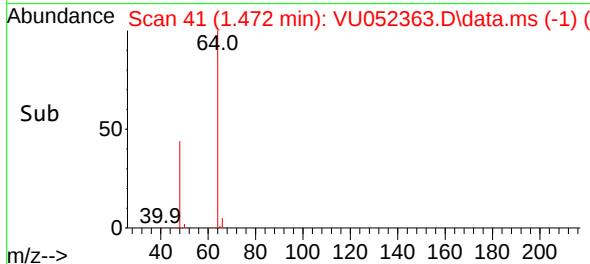
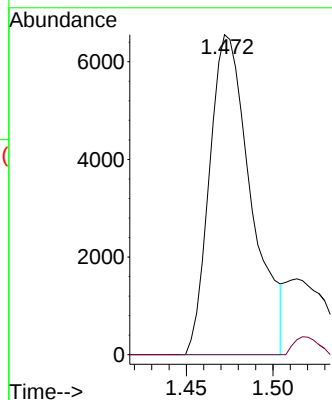
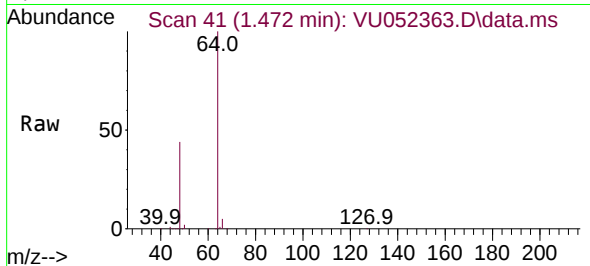




#3
Chloromethane
Concen: 0.381 ug/L
RT: 1.472 min Scan# 41
Delta R.T. -0.051 min
Lab File: VU052363.D
Acq: 12 Dec 2022 19:18

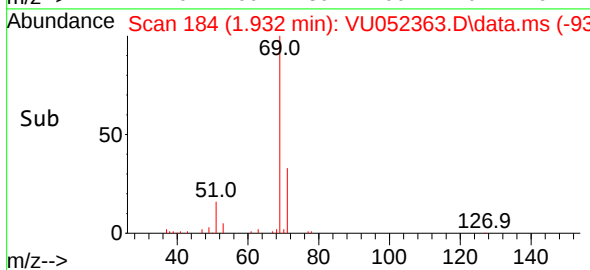
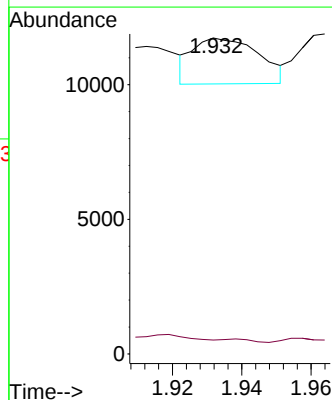
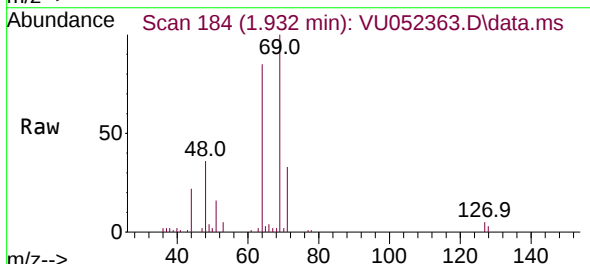
Instrument :
MSVOA_U
ClientSampleId :
F5N41

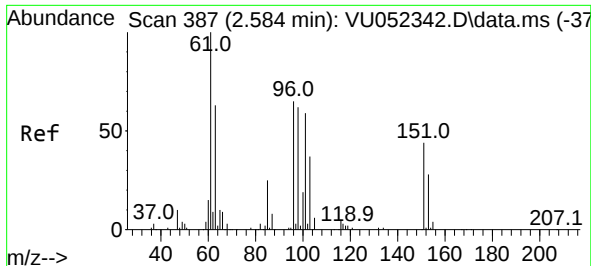
Tgt Ion: 50 Resp: 10945
Ion Ratio Lower Upper
50 100
52 0.0 23.4 43.4#



#8
Chloroethane
Concen: 0.131 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.006 min
Lab File: VU052363.D
Acq: 12 Dec 2022 19:18

Tgt Ion: 64 Resp: 2256
Ion Ratio Lower Upper
64 100
66 4.4 21.1 39.1#

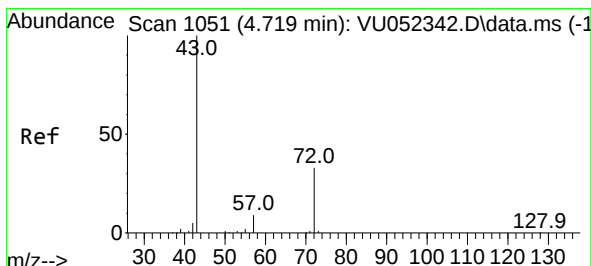
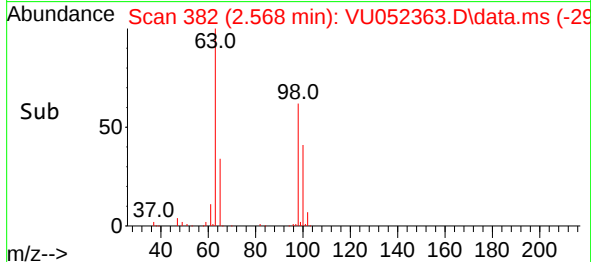
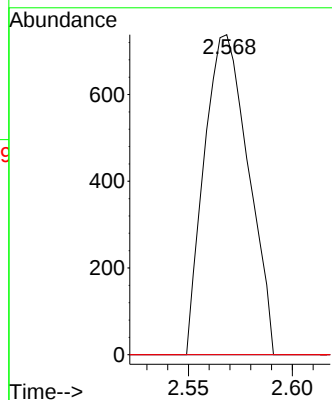
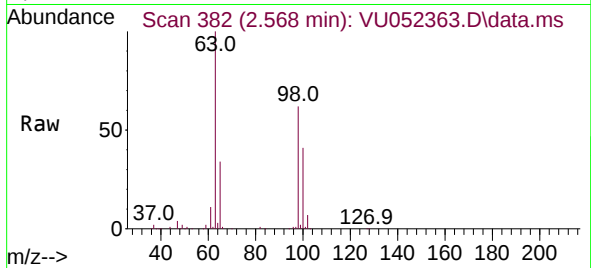




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.059 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU052363.D
 Acq: 12 Dec 2022 19:18

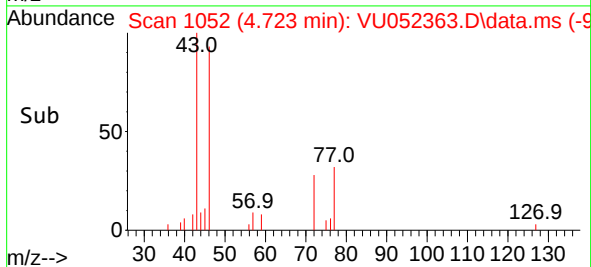
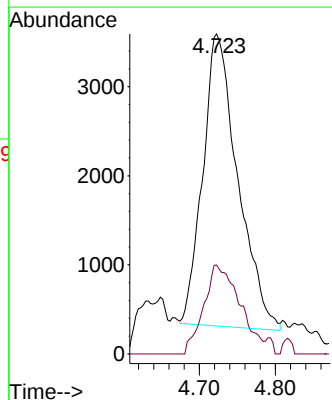
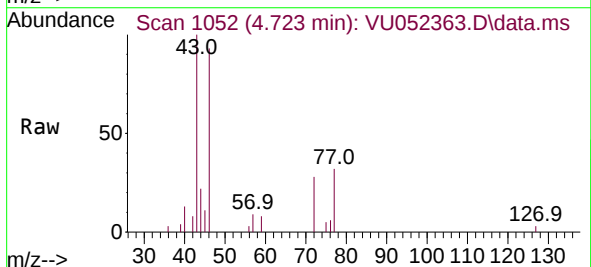
Instrument :
 MSVOA_U
 ClientSampleId :
 F5N41

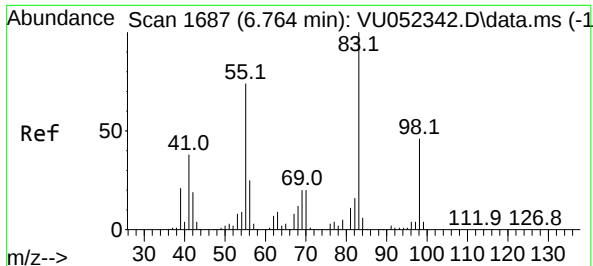
Tgt Ion:101 Resp: 1088
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 58.6 88.0#



#21
 2-Butanone
 Concen: 2.153 ug/L
 RT: 4.723 min Scan# 1052
 Delta R.T. 0.003 min
 Lab File: VU052363.D
 Acq: 12 Dec 2022 19:18

Tgt Ion: 43 Resp: 10488
 Ion Ratio Lower Upper
 43 100
 72 31.3 15.6 46.8





#35

Methylcyclohexane

Concen: 0.877 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.077 min

Lab File: VU052363.D

Acq: 12 Dec 2022 19:18

Instrument :

MSVOA_U

ClientSampleId :

F5N41

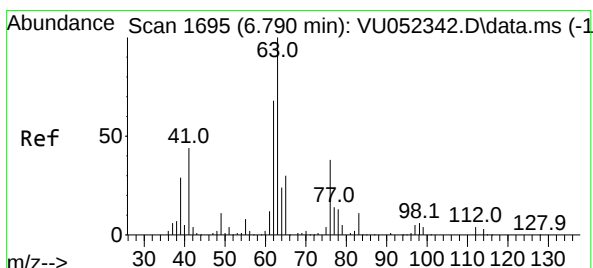
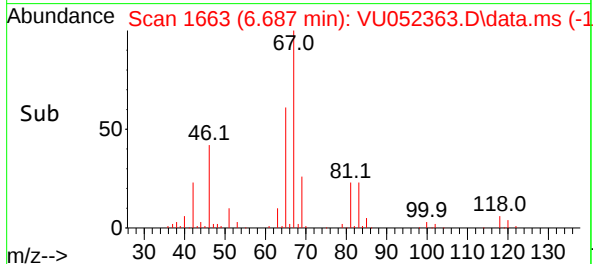
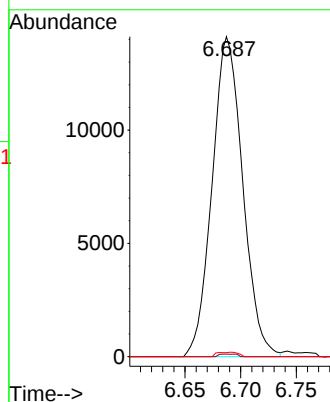
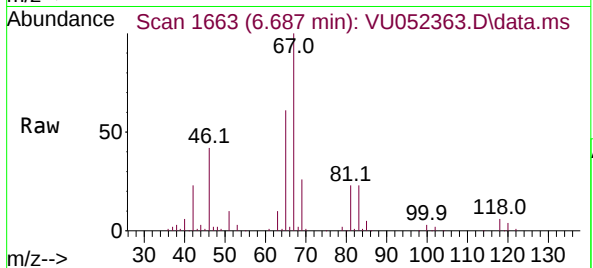
Tgt Ion: 83 Resp: 26995

Ion Ratio Lower Upper

83 100

55 0.5 60.8 91.2#

98 1.0 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.525 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU052363.D

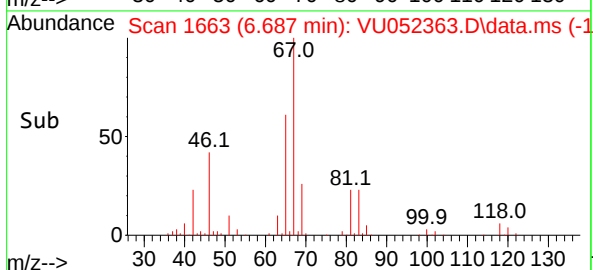
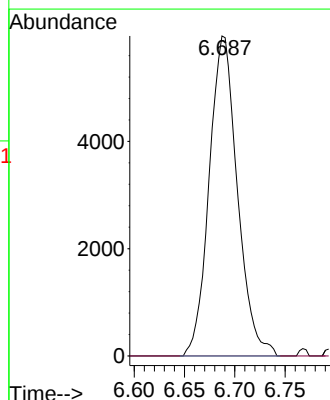
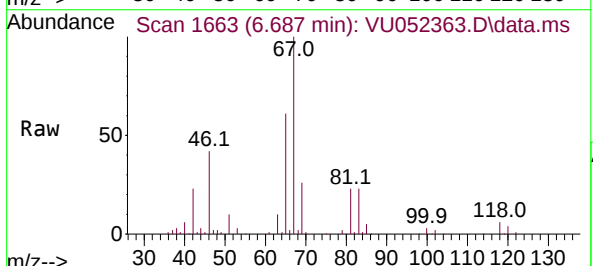
Acq: 12 Dec 2022 19:18

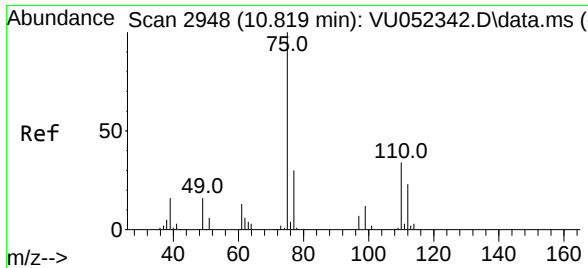
Tgt Ion: 63 Resp: 11654

Ion Ratio Lower Upper

63 100

112 0.6 3.3 4.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.004 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052363.D
 Acq: 12 Dec 2022 19:18

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N41

Tgt Ion: 75	Resp:	13389
Ion Ratio	Lower	Upper
75	100	
110	2.0	28.3 42.5#
77	31.9	26.2 39.2

