

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046532.D
 Acq On : 21 Dec 2021 18:56
 Operator : SY/MD
 Sample : M5152-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 05:47:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 14:35:13 2021
 Response via : Initial Calibration

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

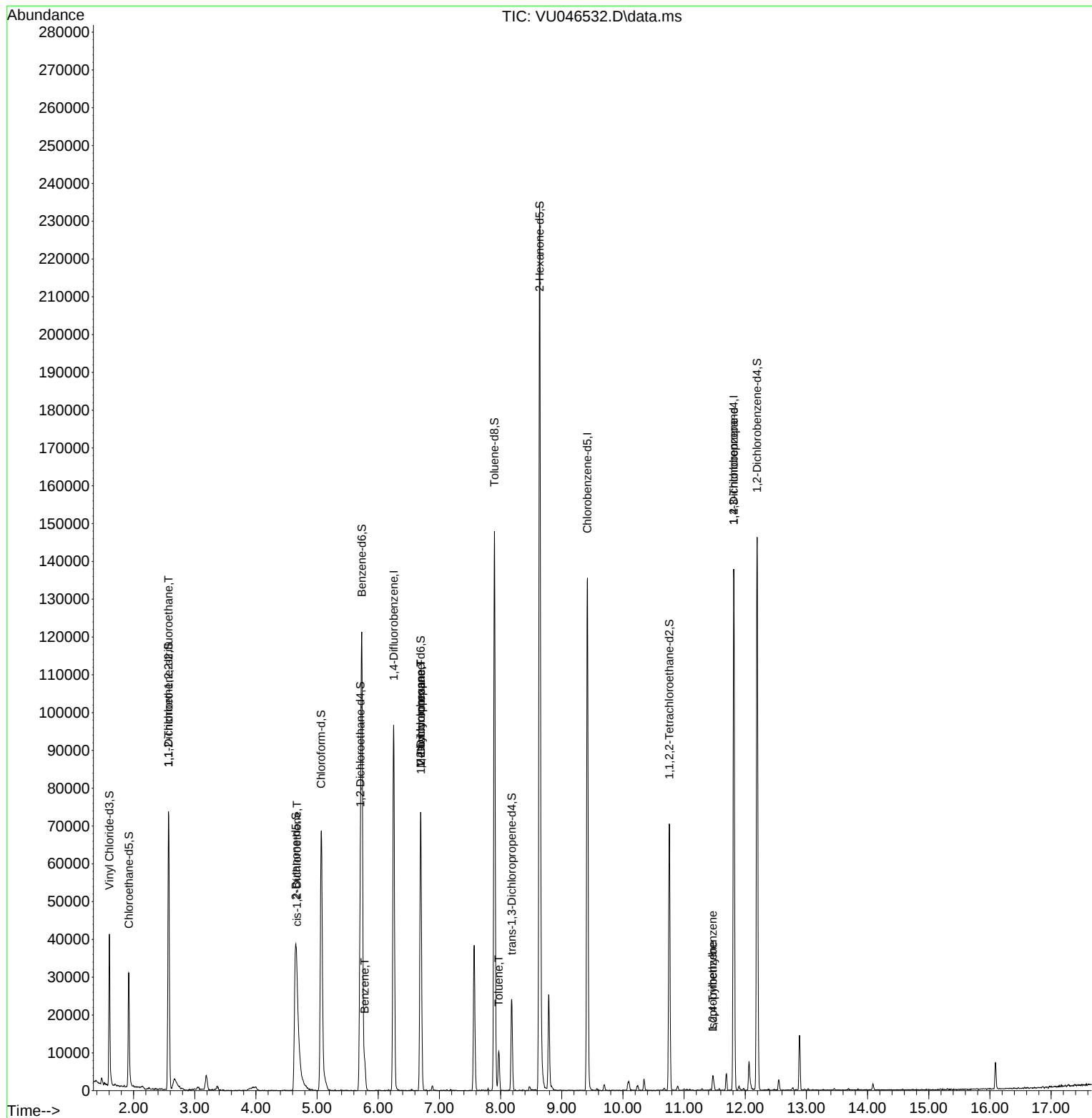
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	79610	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	77397	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36711	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31296	4.991	ug/L	0.01
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.800%	
7) Chloroethane-d5	1.922	69	24705	5.003	ug/L	0.01
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.000%	
11) 1,1-Dichloroethene-d2	2.571	65	13875	5.247	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	105.000%	
20) 2-Butanone-d5	4.652	46	99074	54.469	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.940%	
24) Chloroform-d	5.066	84	56882	4.951	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
26) 1,2-Dichloroethane-d4	5.706	65	34369	5.232	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.600%	
32) Benzene-d6	5.732	84	113993	5.283	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.600%	
36) 1,2-Dichloropropane-d6	6.693	67	34346	5.298	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.000%	
41) Toluene-d8	7.899	98	96990	4.953	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
43) trans-1,3-Dichloroprop...	8.182	79	14303	4.770	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.400%	
46) 2-Hexanone-d5	8.639	63	92343	52.454	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.900%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33676	5.061	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	37197	5.501	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.000%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	287	0.042	ug/L #	21
22) cis-1,2-Dichloroethene	4.671	96	476	0.058	ug/L #	70
33) Benzene	5.777	78	7855	0.255	ug/L	100
35) Methylcyclohexane	6.693	83	8508	0.744	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	3910	0.498	ug/L #	88
42) Toluene	7.970	91	8357	0.265	ug/L	90
60) Isopropylbenzene	11.468	105	2638	0.093	ug/L #	70
61) 1,2,3-Trichloropropane	11.812	75	4408	0.723	ug/L #	65
63) 1,2,4-Trimethylbenzene	11.468	105	2638	0.111	ug/L #	71

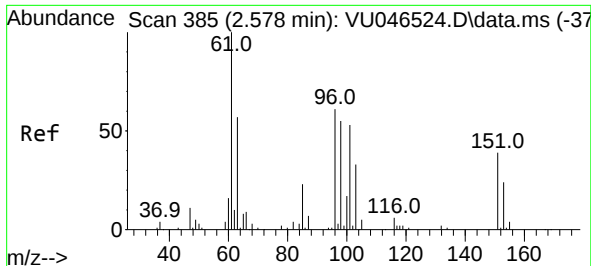
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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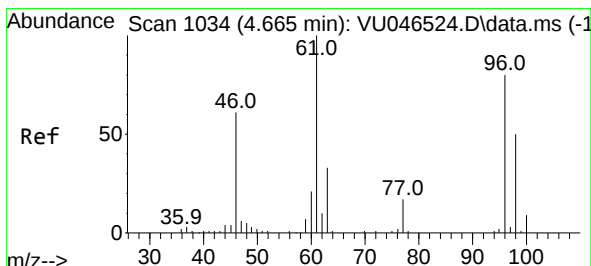
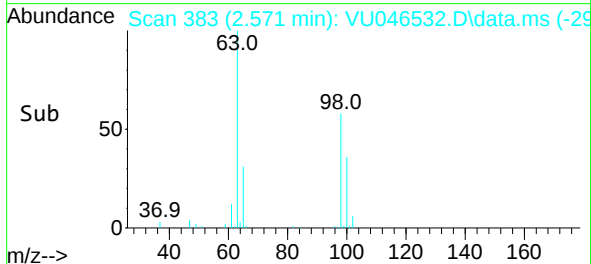
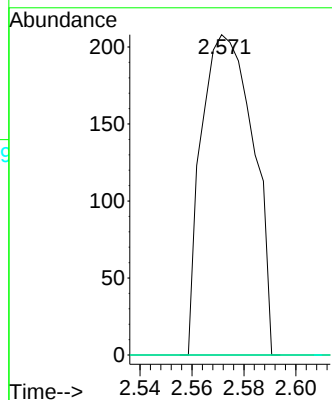
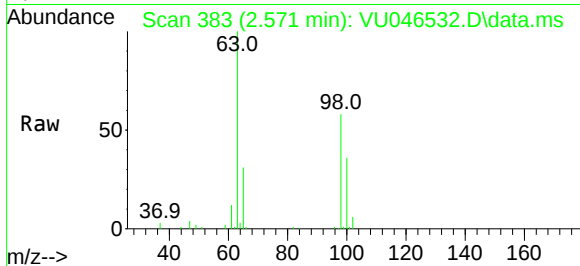




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.042 ug/L
RT: 2.571 min Scan# 385
Delta R.T. -0.007 min
Lab File: VU046532.D
Acq: 21 Dec 2021 18:56

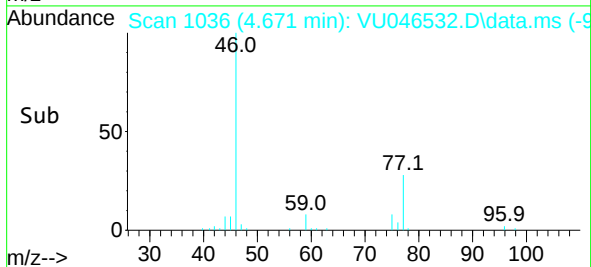
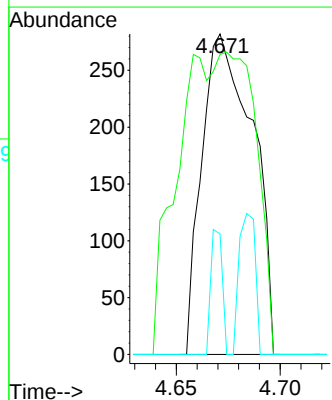
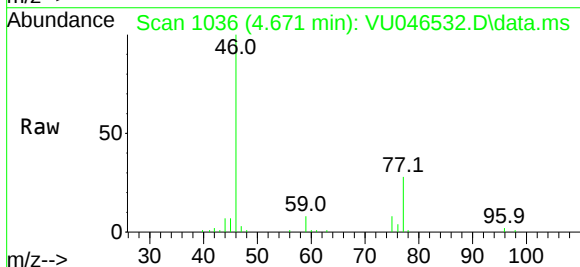
Instrument :
MSVOA_U
ClientSampleId :

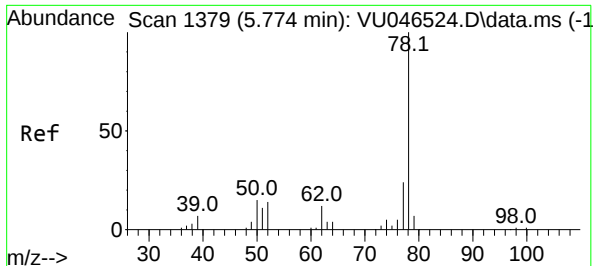
Tgt Ion:101 Resp: 287
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#22
cis-1,2-Dichloroethene
Concen: 0.058 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VU046532.D
Acq: 21 Dec 2021 18:56

Tgt Ion: 96 Resp: 476
Ion Ratio Lower Upper
96 100
61 93.6 88.5 164.3
98 37.6 44.4 82.5#

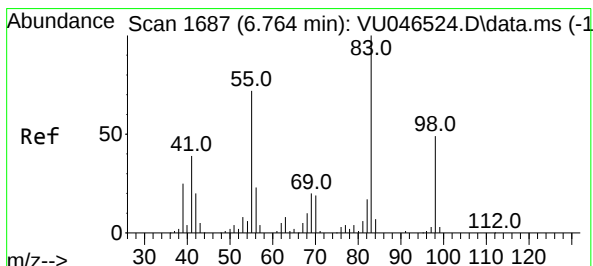
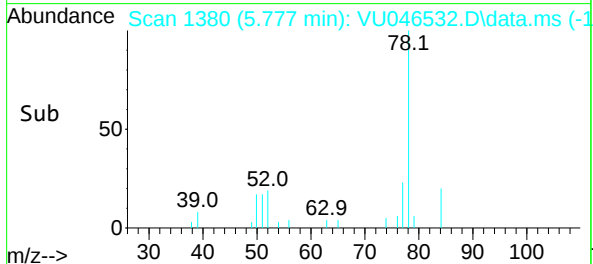
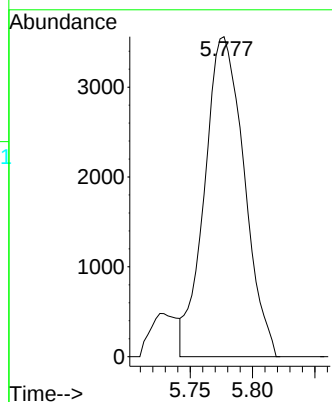
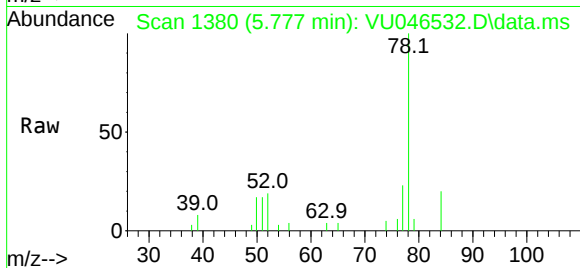




#33
Benzene
Concen: 0.255 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU046532.D
Acq: 21 Dec 2021 18:56

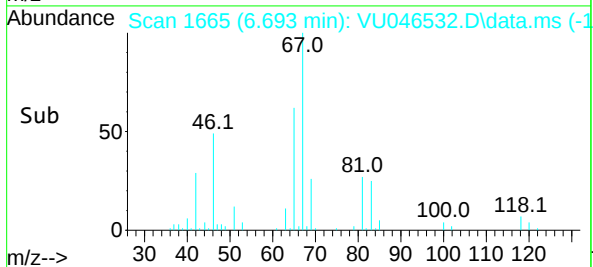
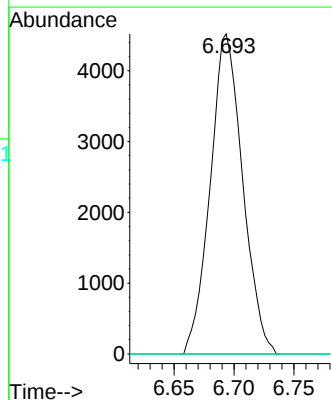
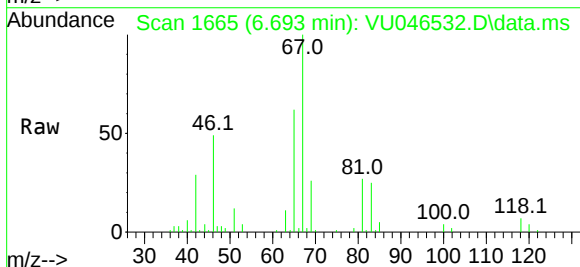
Instrument :
MSVOA_U
ClientSampleId :

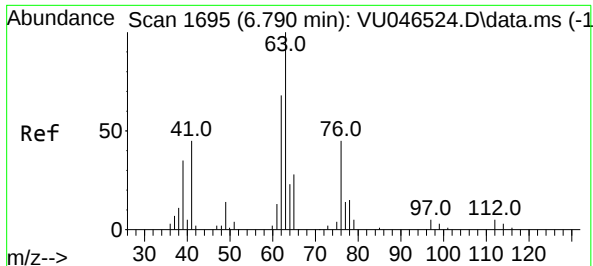
Tgt Ion: 78 Resp: 7855



#35
Methylcyclohexane
Concen: 0.744 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU046532.D
Acq: 21 Dec 2021 18:56

Tgt Ion: 83 Resp: 8508
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.498 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.093 min

Lab File: VU046532.D

Acq: 21 Dec 2021 18:56

Instrument :

MSVOA_U

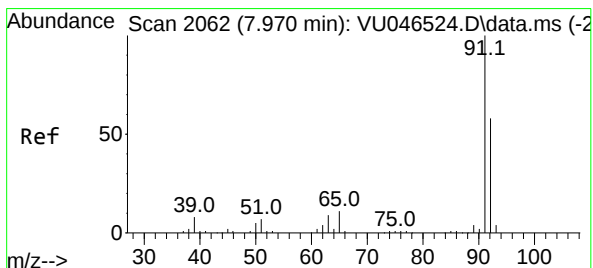
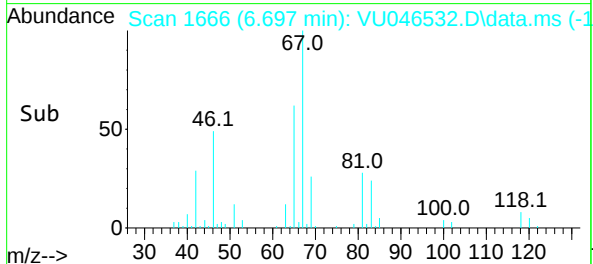
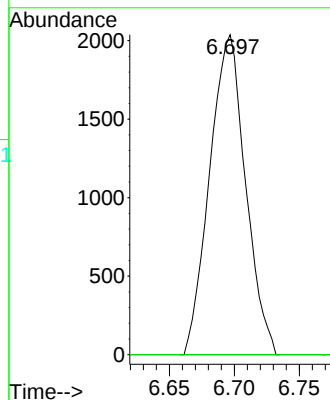
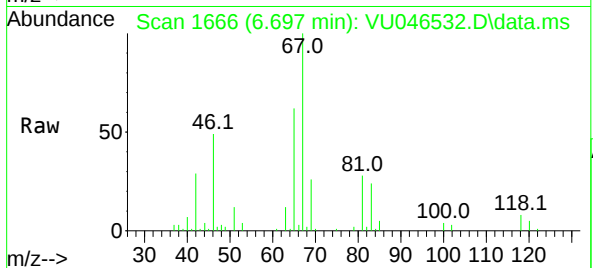
ClientSampleId :

Tgt Ion: 63 Resp: 3910

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#42

Toluene

Concen: 0.265 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU046532.D

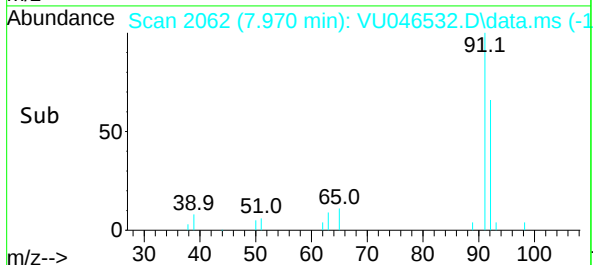
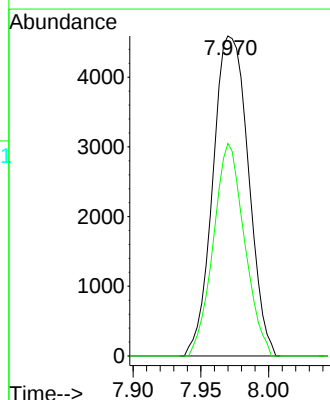
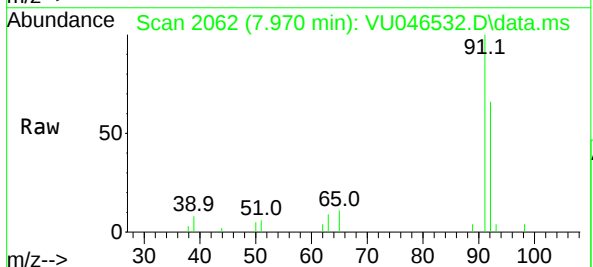
Acq: 21 Dec 2021 18:56

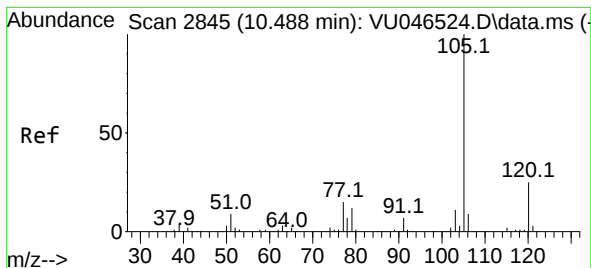
Tgt Ion: 91 Resp: 8357

Ion Ratio Lower Upper

91 100

92 66.4 41.3 76.7





#60

Isopropylbenzene

Concen: 0.093 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.981 min

Lab File: VU046532.D

Acq: 21 Dec 2021 18:56

Instrument :

MSVOA_U

ClientSampleId :

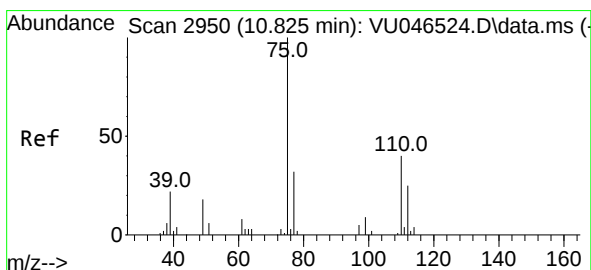
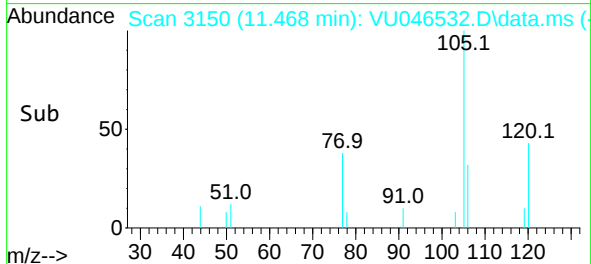
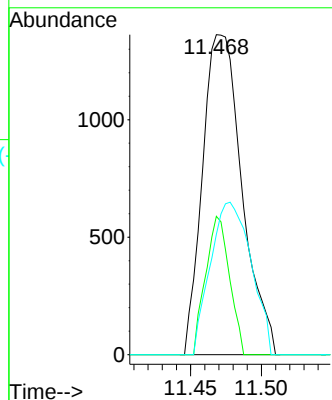
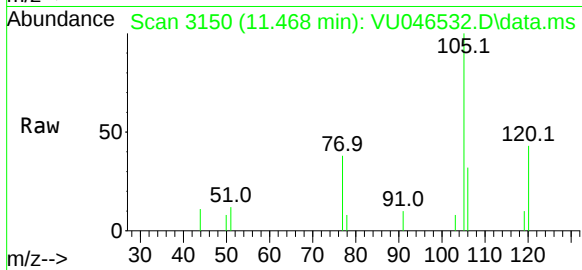
Tgt Ion:105 Resp: 2638

Ion Ratio Lower Upper

105 100

120 26.0 20.7 31.1

77 49.1 12.6 19.0#



#61

1,2,3-Trichloropropane

Concen: 0.723 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046532.D

Acq: 21 Dec 2021 18:56

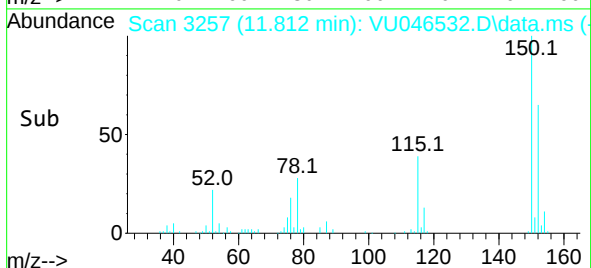
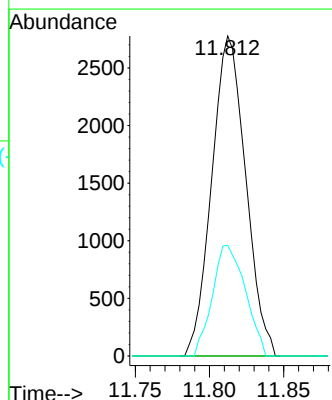
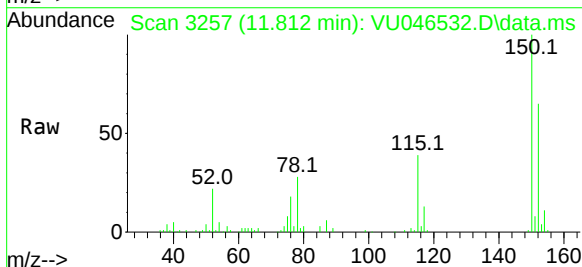
Tgt Ion: 75 Resp: 4408

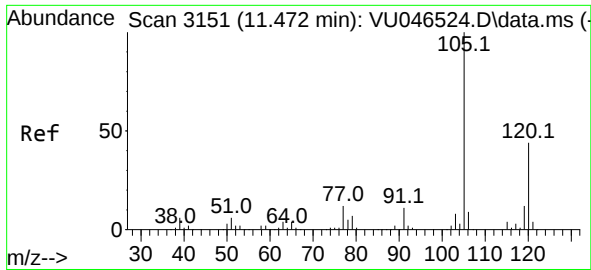
Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

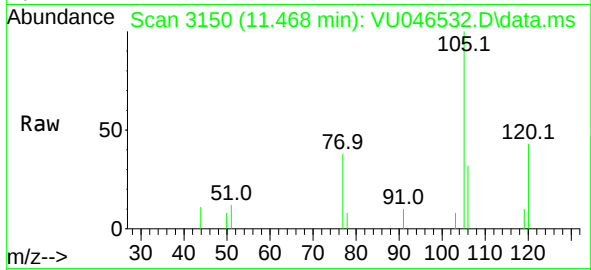
77 33.5 25.5 38.3





#63
 1,2,4-Trimethylbenzene
 Concen: 0.111 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.003 min
 Lab File: VU046532.D
 Acq: 21 Dec 2021 18:56

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:105 Resp: 2638
 Ion Ratio Lower Upper
 105 100
 120 26.0 35.8 53.8#

