

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049961.D
 Acq On : 27 Jul 2022 21:27
 Operator : SY/MD
 Sample : N3825-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jul 28 03:49:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:41:29 2022
 Response via : Initial Calibration

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

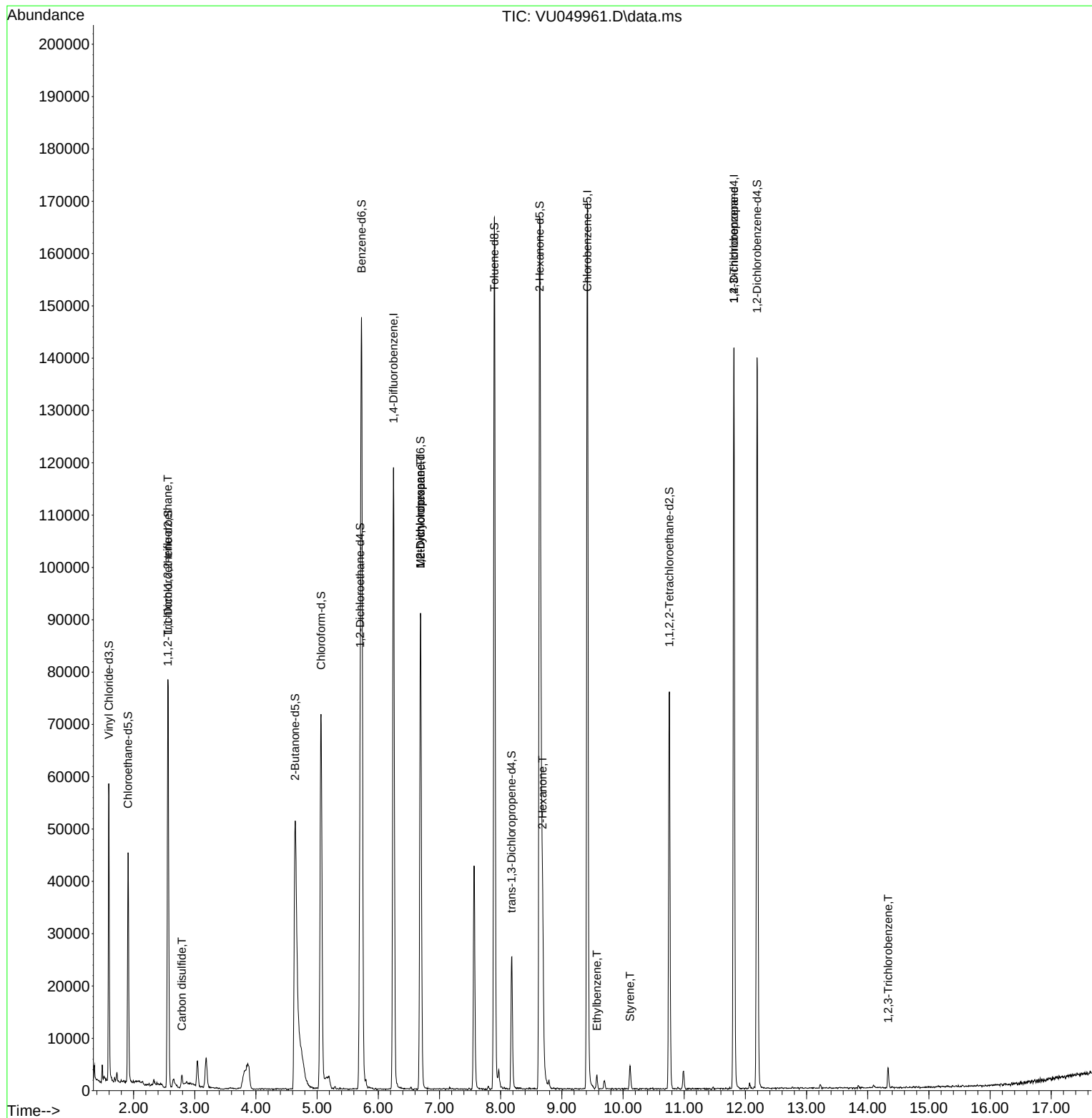
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	100800	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	100092	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	39040	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	41188	4.759	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.200%	
7) Chloroethane-d5	1.909	69	32114	5.166	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.400%	
11) 1,1-Dichloroethene-d2	2.562	65	14836	4.974	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.400%	
20) 2-Butanone-d5	4.639	46	104976	54.488	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.980%	
24) Chloroform-d	5.064	84	69711	4.867	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
26) 1,2-Dichloroethane-d4	5.703	65	36082	5.000	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
32) Benzene-d6	5.726	84	141658	4.790	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
36) 1,2-Dichloropropane-d6	6.691	67	47070	4.858	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.200%	
41) Toluene-d8	7.896	98	117104	4.455	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
43) trans-1,3-Dichloroprop...	8.179	79	16338	4.811	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.200%	
46) 2-Hexanone-d5	8.636	63	57958	45.590	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.180%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40423	4.965	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	38667	5.340	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.800%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	424	0.071	ug/L #	21
14) Carbon disulfide	2.790	76	2902	0.172	ug/L	97
35) Methylcyclohexane	6.691	83	10964	1.171	ug/L #	19
37) 1,2-Dichloropropane	6.691	63	4755	0.591	ug/L #	88
48) 2-Hexanone	8.684	43	19343	5.455	ug/L #	91
52) Ethylbenzene	9.571	91	2354	0.081	ug/L	93
55) Styrene	10.115	104	2584	0.141	ug/L	100
61) 1,2,3-Trichloropropane	11.812	75	5135	1.133	ug/L #	66
72) 1,2,3-Trichlorobenzene	14.333	180	1650	0.262	ug/L	93

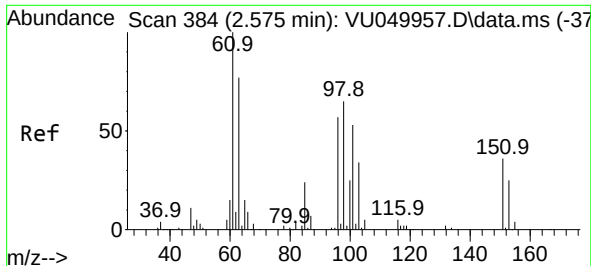
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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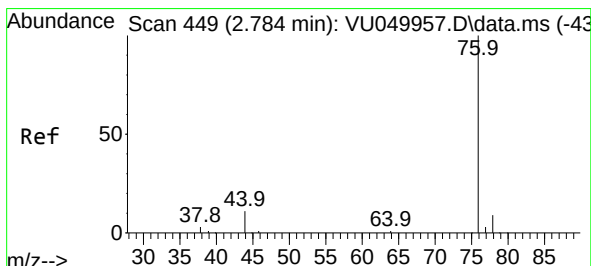
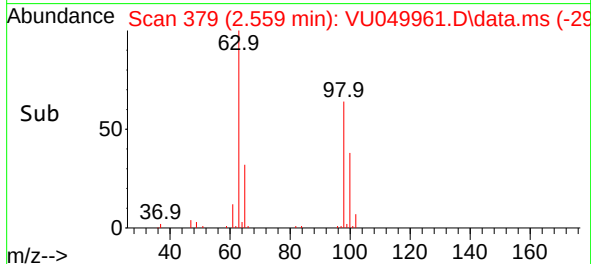
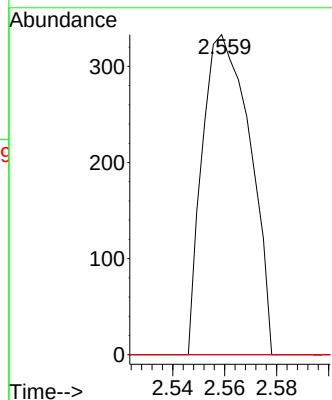
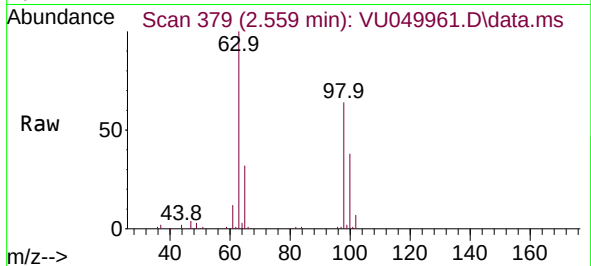




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.071 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU049961.D
Acq: 27 Jul 2022 21:27

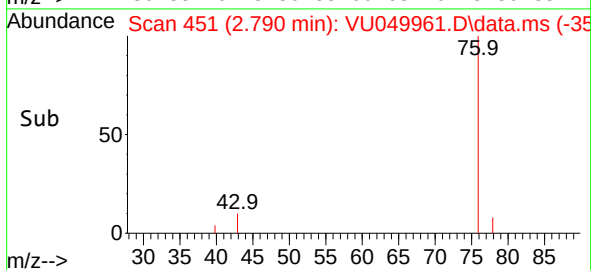
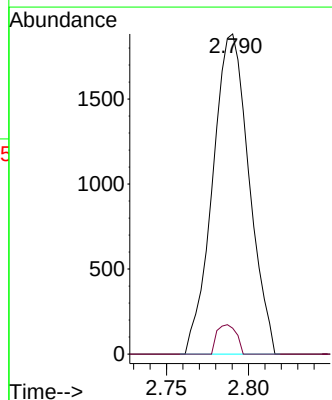
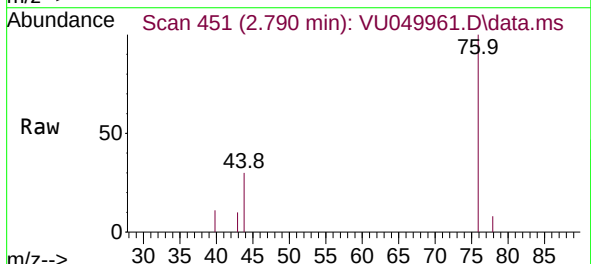
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

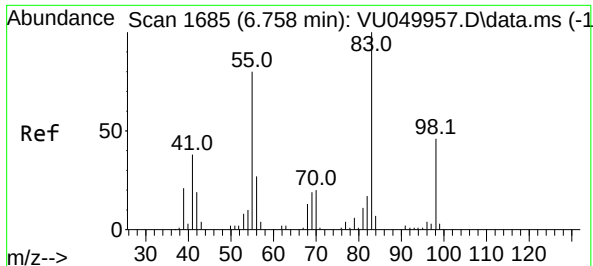
Tgt Ion:101 Resp: 424
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#



#14
Carbon disulfide
Concen: 0.172 ug/L
RT: 2.790 min Scan# 451
Delta R.T. 0.007 min
Lab File: VU049961.D
Acq: 27 Jul 2022 21:27

Tgt Ion: 76 Resp: 2902
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0





#35

Methylcyclohexane

Concen: 1.171 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.067 min

Lab File: VU049961.D

Acq: 27 Jul 2022 21:27

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

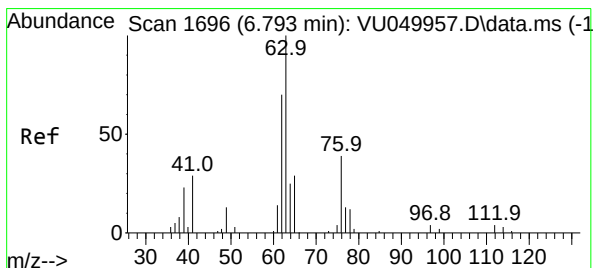
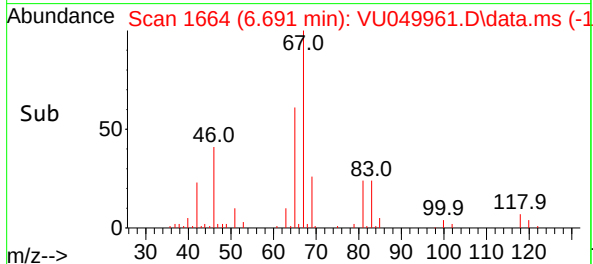
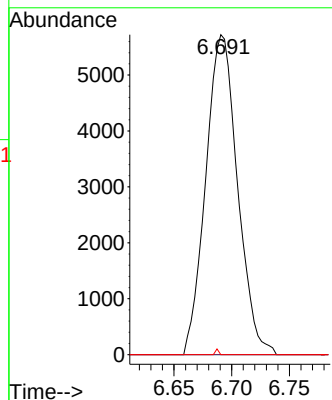
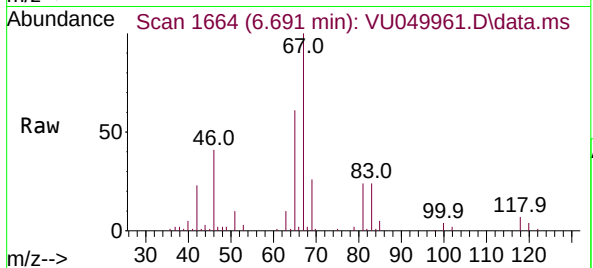
Tgt Ion: 83 Resp: 10964

Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.2 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.591 ug/L

RT: 6.691 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU049961.D

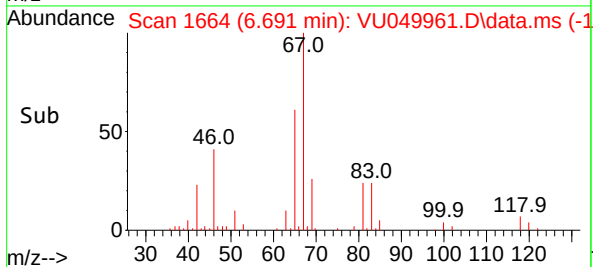
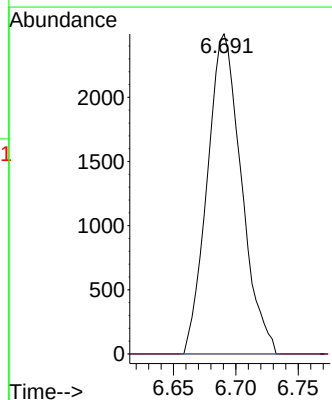
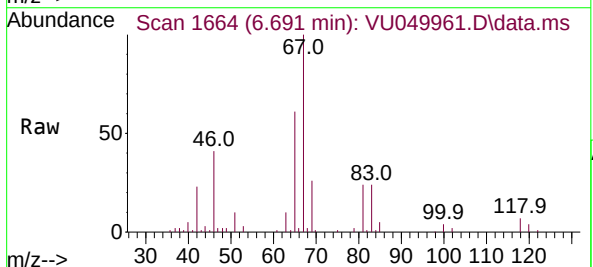
Acq: 27 Jul 2022 21:27

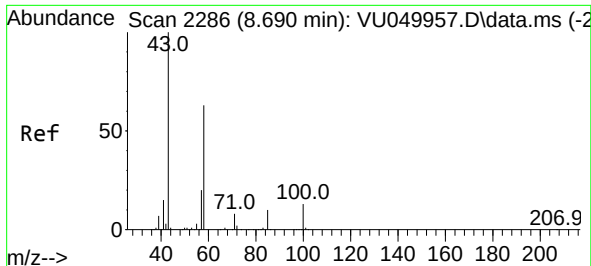
Tgt Ion: 63 Resp: 4755

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#





#48

2-Hexanone

Concen: 5.455 ug/L

RT: 8.684 min Scan# 21

Delta R.T. -0.006 min

Lab File: VU049961.D

Acq: 27 Jul 2022 21:27

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

Tgt Ion: 43 Resp: 19343

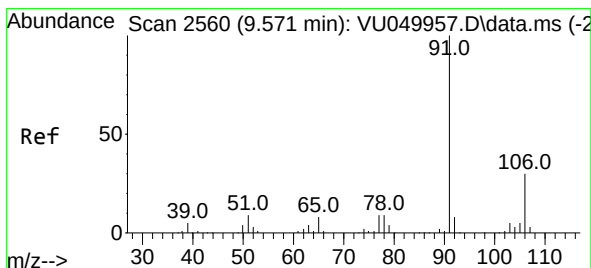
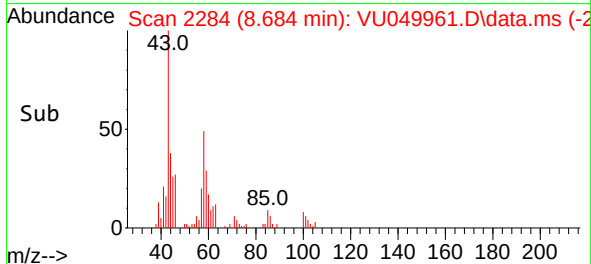
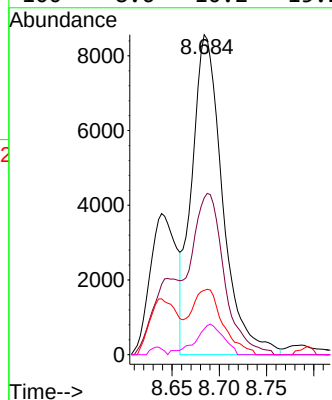
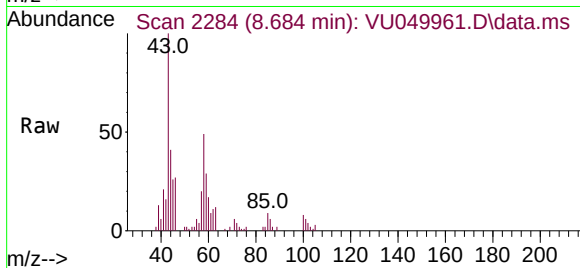
Ion Ratio Lower Upper

43 100

58 52.5 49.4 74.0

57 21.1 17.0 25.4

100 8.6 10.2 15.2#



#52

Ethylbenzene

Concen: 0.081 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU049961.D

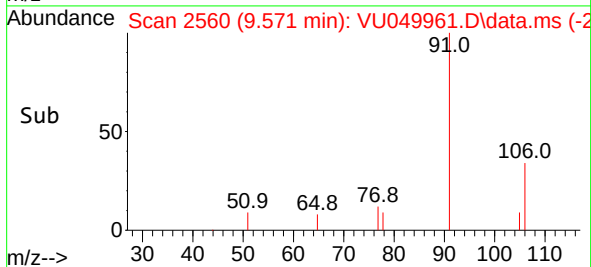
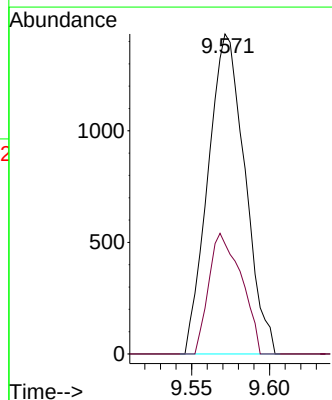
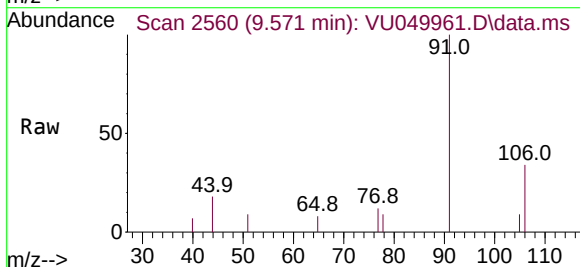
Acq: 27 Jul 2022 21:27

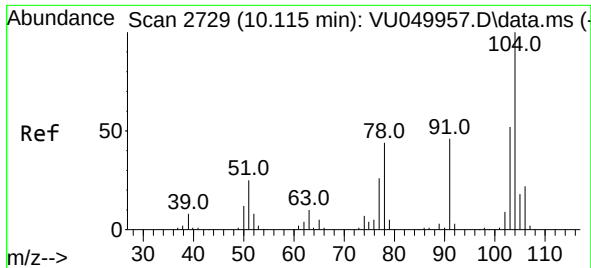
Tgt Ion: 91 Resp: 2354

Ion Ratio Lower Upper

91 100

106 34.4 21.6 40.0

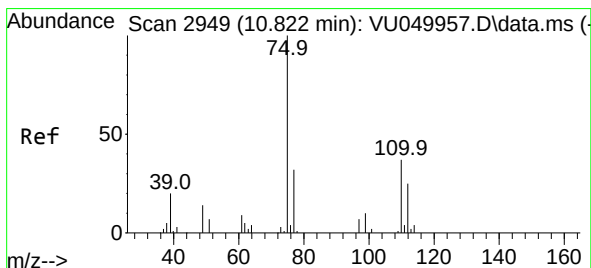
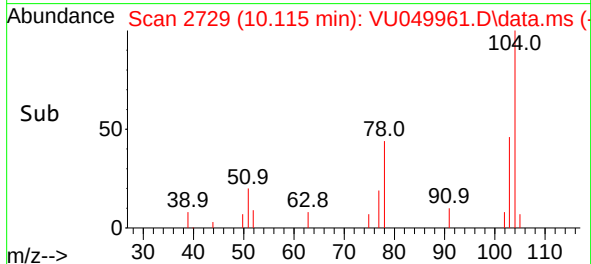
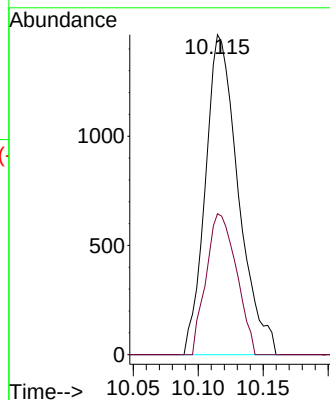
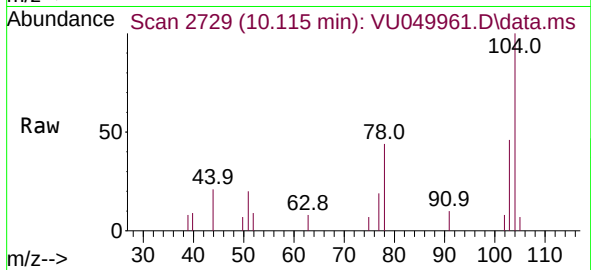




#55
Styrene
Concen: 0.141 ug/L
RT: 10.115 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049961.D
Acq: 27 Jul 2022 21:27

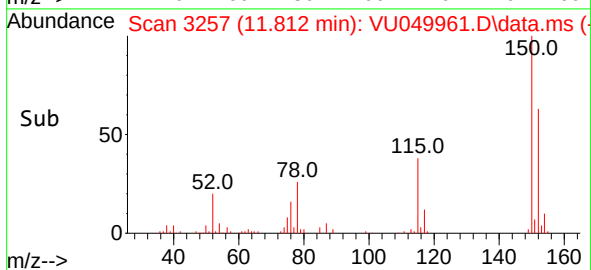
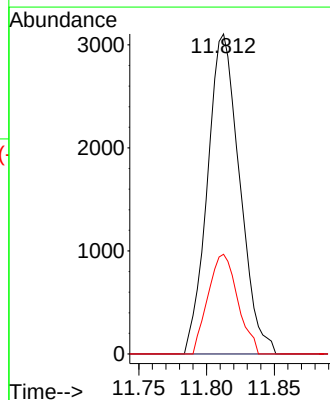
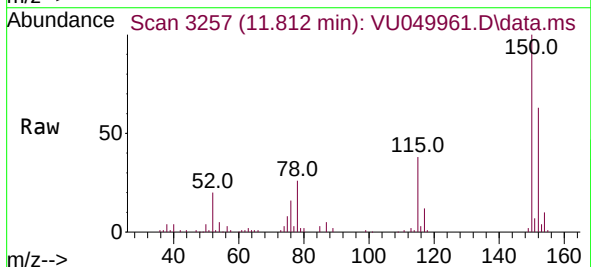
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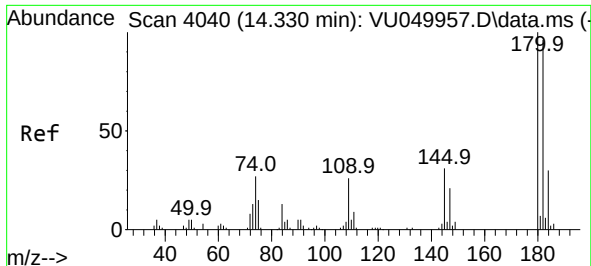
Tgt Ion:104 Resp: 2584
Ion Ratio Lower Upper
104 100
78 44.0 30.9 57.3



#61
1,2,3-Trichloropropane
Concen: 1.133 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.991 min
Lab File: VU049961.D
Acq: 27 Jul 2022 21:27

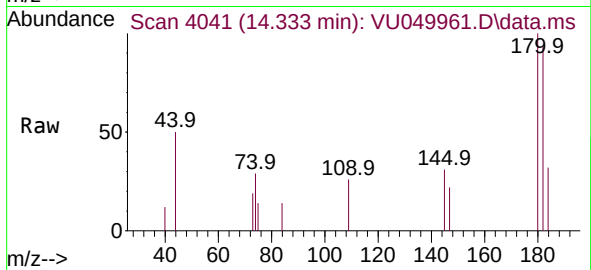
Tgt Ion: 75 Resp: 5135
Ion Ratio Lower Upper
75 100
110 0.0 28.1 42.1#
77 28.7 24.7 37.1





#72
 1,2,3-Trichlorobenzene
 Concen: 0.262 ug/L
 RT: 14.333 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU049961.D
 Acq: 27 Jul 2022 21:27

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001



Tgt Ion:180 Resp: 1650
 Ion Ratio Lower Upper
 180 100
 182 90.8 77.0 115.4
 145 26.7 26.3 39.5

