

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051588.D
 Acq On : 29 Oct 2022 00:13
 Operator : JC/MD
 Sample : N5276-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4W6

Quant Time: Oct 29 00:54:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 29 00:39:42 2022
 Response via : Initial Calibration

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

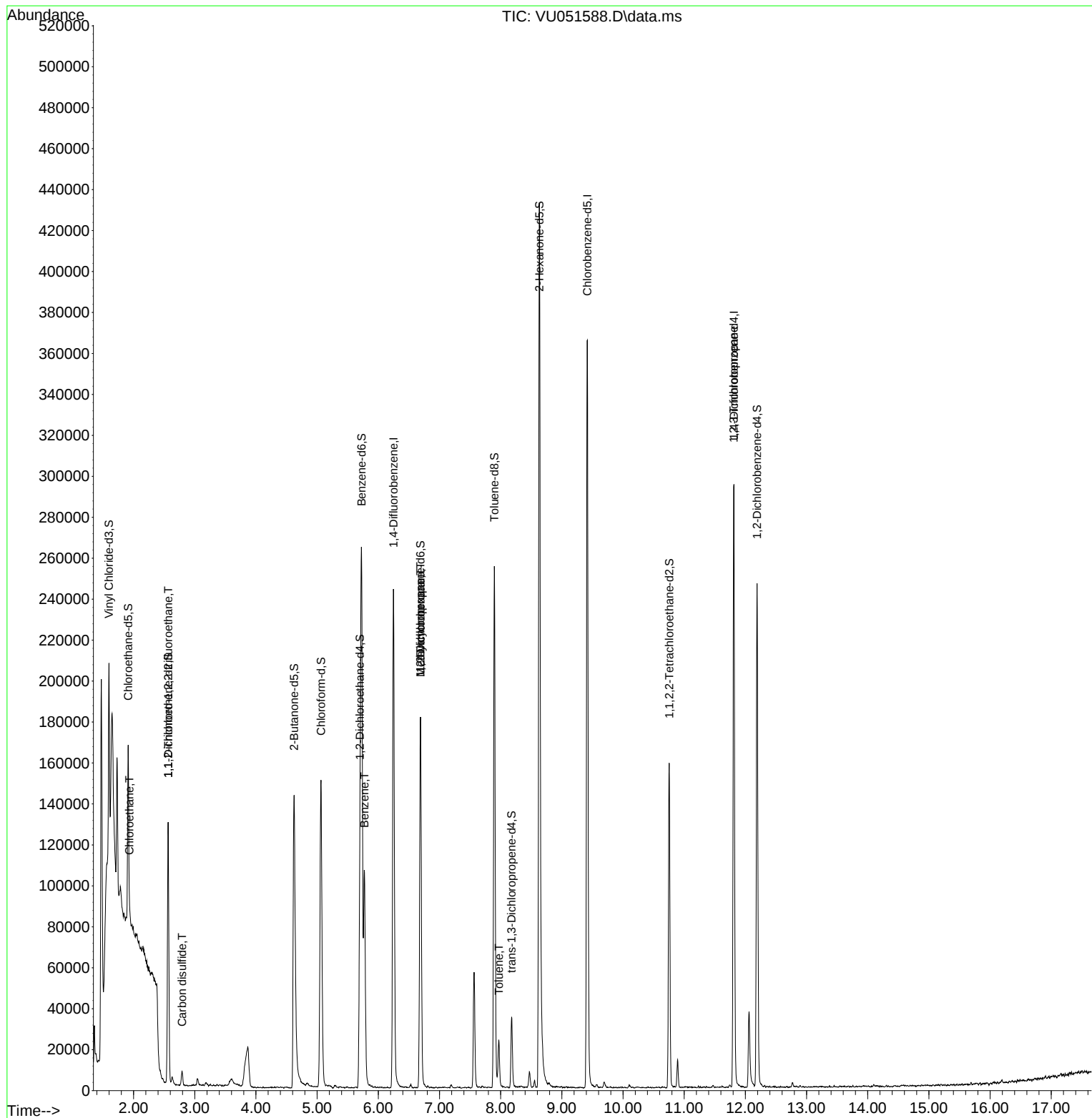
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	202074	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	213683	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	81832	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	65875	4.328	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.912	69	65810	4.146	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.565	65	24251	4.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.623	46	207141	37.582	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.160%
24) Chloroform-d	5.063	84	138659	3.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
26) 1,2-Dichloroethane-d4	5.700	65	76860	3.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
32) Benzene-d6	5.726	84	258673	3.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
36) 1,2-Dichloropropane-d6	6.690	67	91565	3.883	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.600%
41) Toluene-d8	7.896	98	180676	3.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	8.179	79	20242	2.808	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.200%
46) 2-Hexanone-d5	8.632	63	142700	32.879	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.760%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	83321	3.856	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	70260	4.678	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.932	64	5630	0.347	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	782	0.045	ug/L #	19
14) Carbon disulfide	2.793	76	8554	0.151	ug/L	98
33) Benzene	5.774	78	104888	1.244	ug/L	100
35) Methylcyclohexane	6.687	83	20050	0.713	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	9225	0.425	ug/L #	89
42) Toluene	7.970	91	17635	0.204	ug/L	96
61) 1,2,3-Trichloropropane	11.809	75	9677	0.914	ug/L #	68

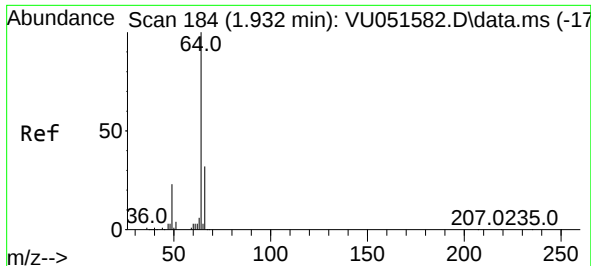
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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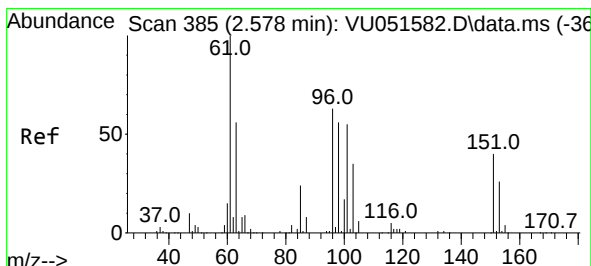
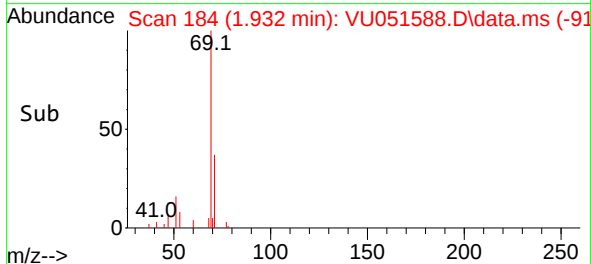
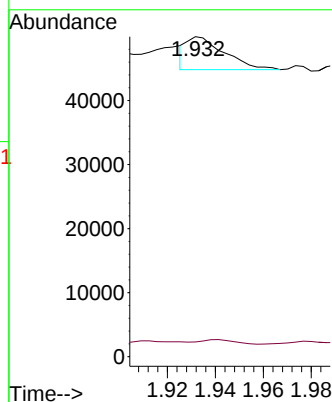
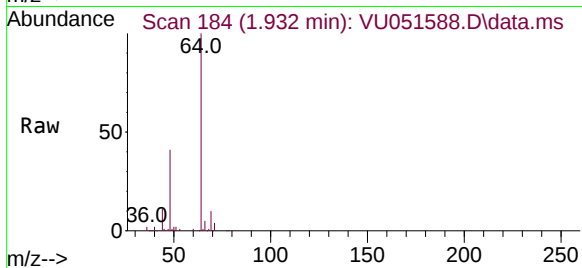




#8
Chloroethane
Concen: 0.347 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051588.D
Acq: 29 Oct 2022 00:13

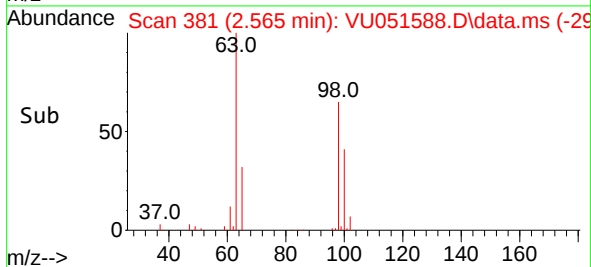
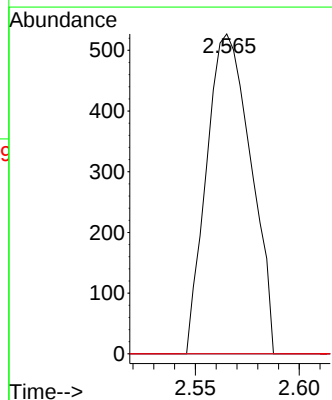
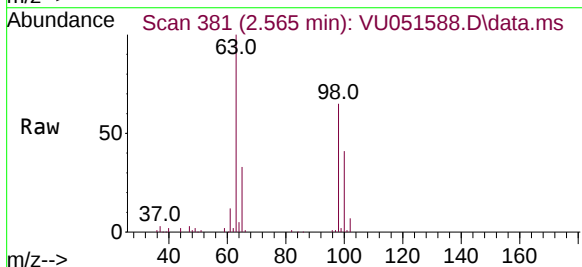
Instrument :
MSVOA_U
ClientSampleId :
EW4W6

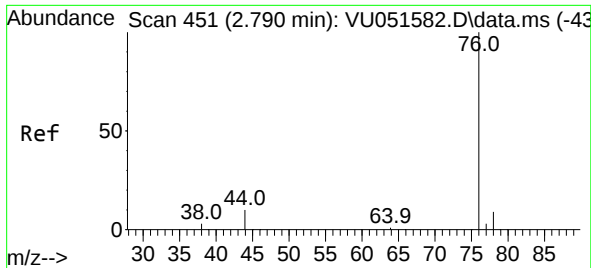
Tgt Ion: 64 Resp: 5630
Ion Ratio Lower Upper
64 100
66 4.6 22.3 41.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.045 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051588.D
Acq: 29 Oct 2022 00:13

Tgt Ion:101 Resp: 782
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#

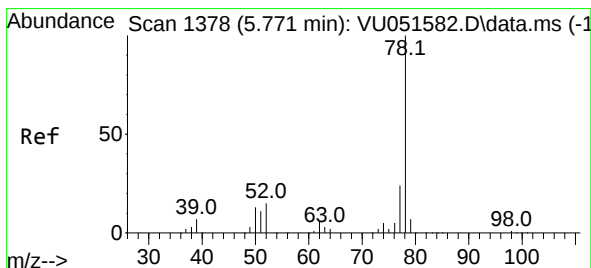
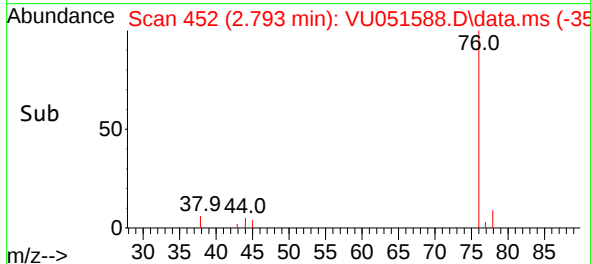
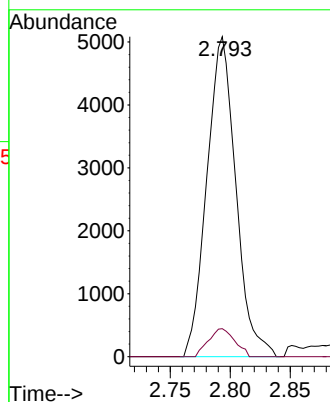
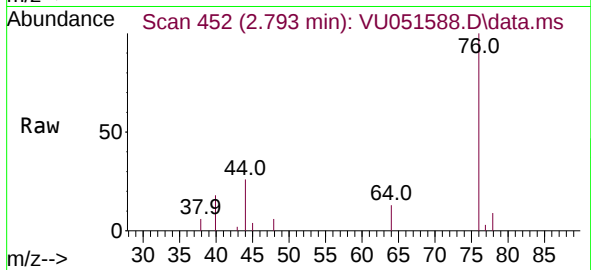




#14
Carbon disulfide
Concen: 0.151 ug/L
RT: 2.793 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU051588.D
Acq: 29 Oct 2022 00:13

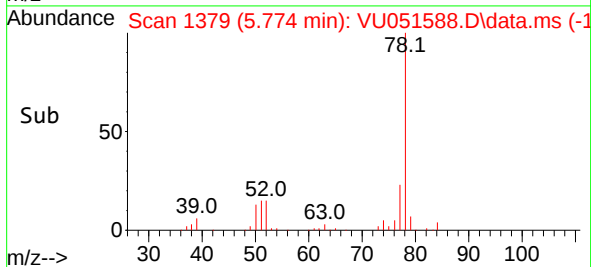
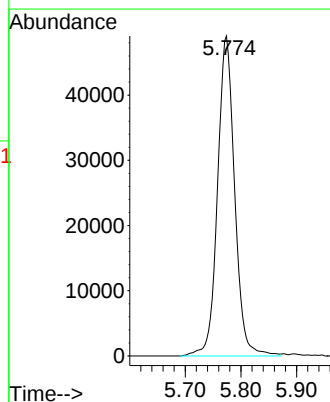
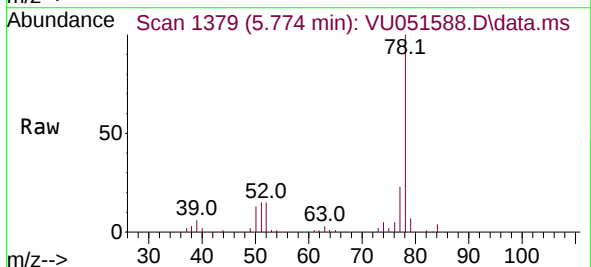
Instrument :
MSVOA_U
ClientSampleId :
EW4W6

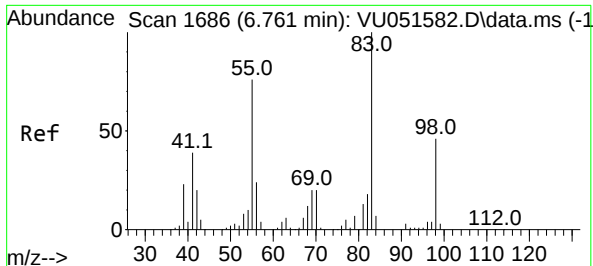
Tgt Ion: 76 Resp: 8554
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#33
Benzene
Concen: 1.244 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051588.D
Acq: 29 Oct 2022 00:13

Tgt Ion: 78 Resp: 104888





#35

Methylcyclohexane

Concen: 0.713 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU051588.D

Acq: 29 Oct 2022 00:13

Instrument :

MSVOA_U

ClientSampleId :

EW4W6

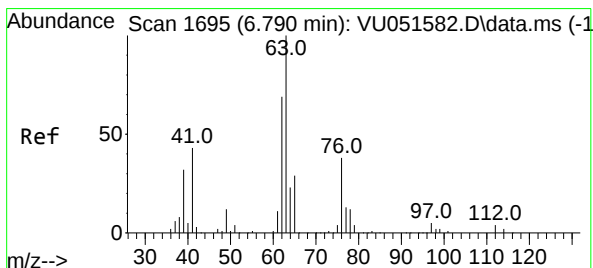
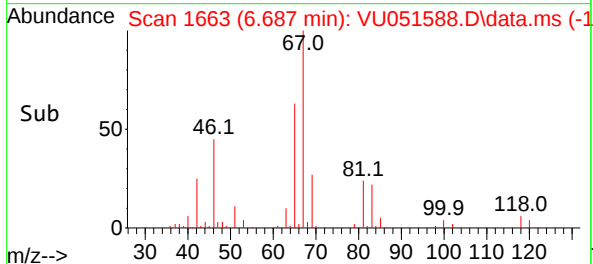
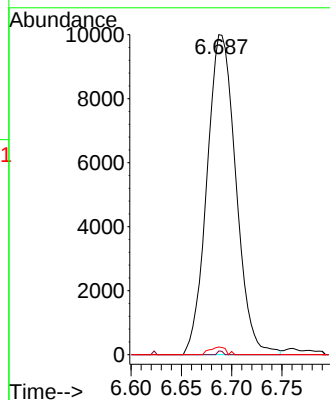
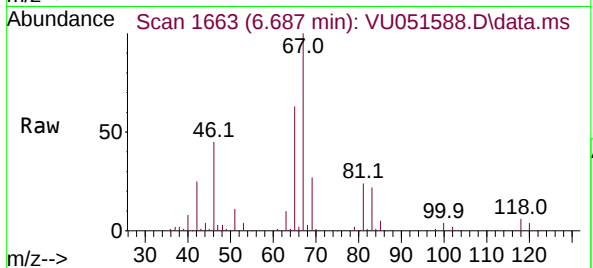
Tgt Ion: 83 Resp: 20050

Ion Ratio Lower Upper

83 100

55 0.2 60.6 90.8#

98 1.4 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.425 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU051588.D

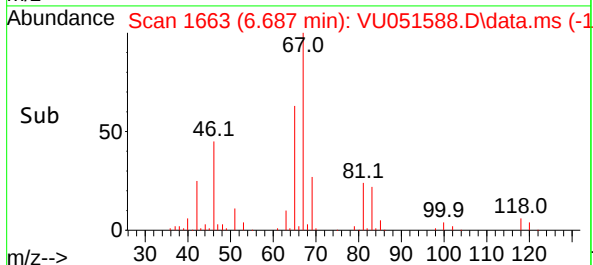
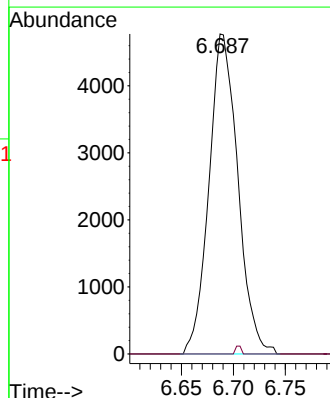
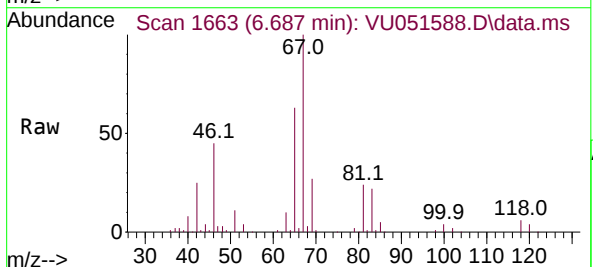
Acq: 29 Oct 2022 00:13

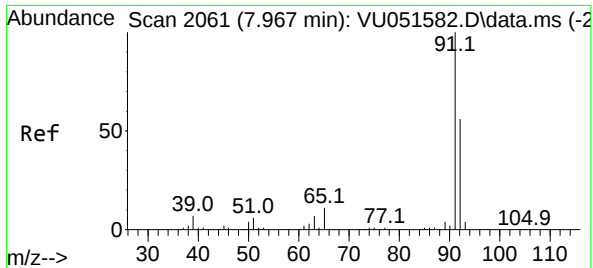
Tgt Ion: 63 Resp: 9225

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#

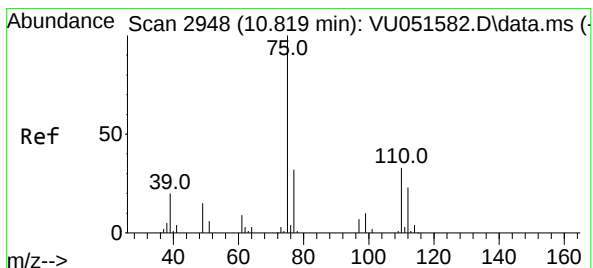
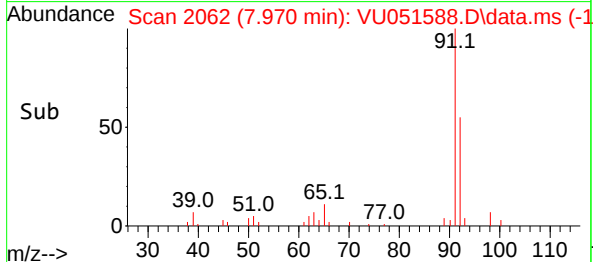
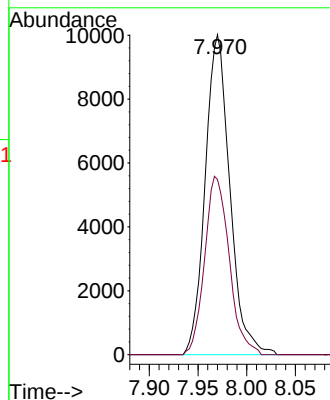
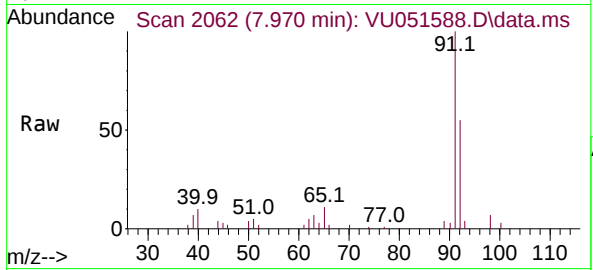




#42
Toluene
Concen: 0.204 ug/L
RT: 7.970 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU051588.D
Acq: 29 Oct 2022 00:13

Instrument :
MSVOA_U
ClientSampleId :
EW4W6

Tgt Ion: 91 Resp: 17635
Ion Ratio Lower Upper
91 100
92 54.8 40.5 75.3



#61
1,2,3-Trichloropropane
Concen: 0.914 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU051588.D
Acq: 29 Oct 2022 00:13

Tgt Ion: 75 Resp: 9677
Ion Ratio Lower Upper
75 100
110 0.0 28.7 43.1#
77 32.7 26.1 39.1

