

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051654.D
 Acq On : 01 Nov 2022 15:13
 Operator : JC/MD
 Sample : N5319-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:03:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 01:48:00 2022
 Response via : Initial Calibration

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

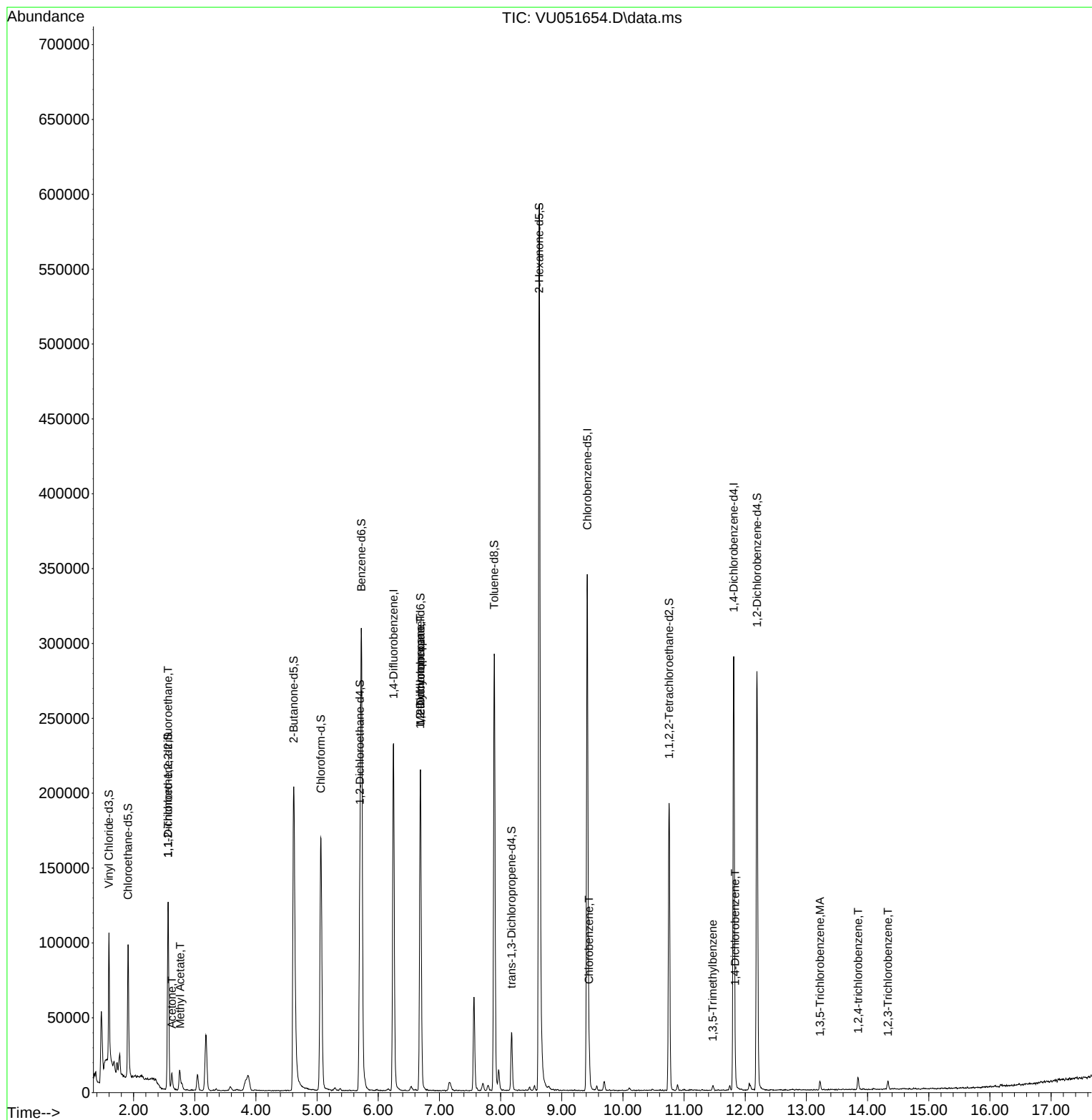
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	199323	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	202483	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	83842	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59327	3.952	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.909	69	71391	4.560	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.565	65	22699	4.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.616	46	281071	51.699	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.400%
24) Chloroform-d	5.060	84	160854	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.700	65	90768	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.726	84	295618	4.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.690	67	106846	4.782	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.896	98	208660	4.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.179	79	23636	3.460	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.200%
46) 2-Hexanone-d5	8.632	63	197156	47.939	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.880%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	100004	4.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	79273	5.151	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1020	0.060	ug/L #	42
13) Acetone	2.626	43	12451	4.514	ug/L	97
15) Methyl Acetate	2.761	43	3859	0.534	ug/L #	50
35) Methylcyclohexane	6.690	83	24321	0.912	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	10803	0.526	ug/L #	88
51) Chlorobenzene	9.446	112	12772	0.247	ug/L	94
62) 1,3,5-Trimethylbenzene	11.468	105	2176	0.132	ug/L	86
65) 1,4-Dichlorobenzene	11.835	146	2142	0.070	ug/L	87
69) 1,3,5-Trichlorobenzene	13.221	180	2556	0.118	ug/L	94
70) 1,2,4-trichlorobenzene	13.844	180	3258	0.195	ug/L	97
72) 1,2,3-Trichlorobenzene	14.333	180	2623	0.156	ug/L	89

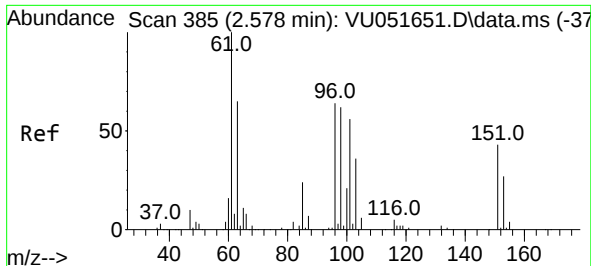
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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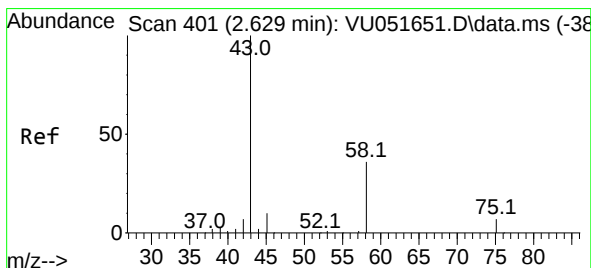
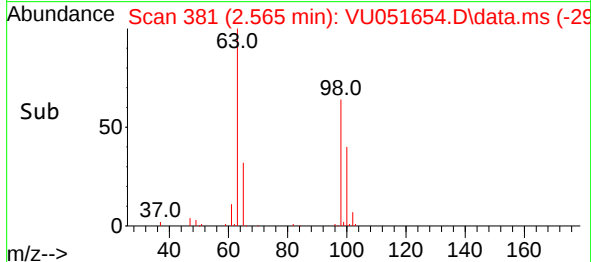
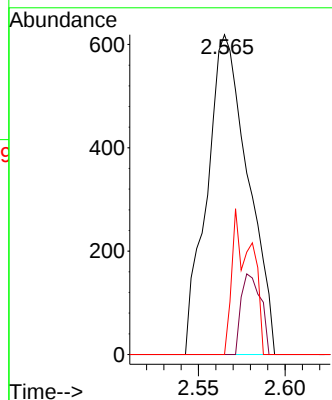
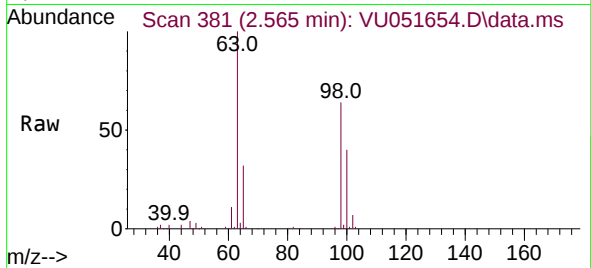




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051654.D
Acq: 01 Nov 2022 15:13

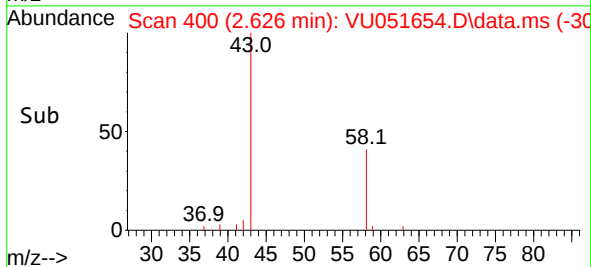
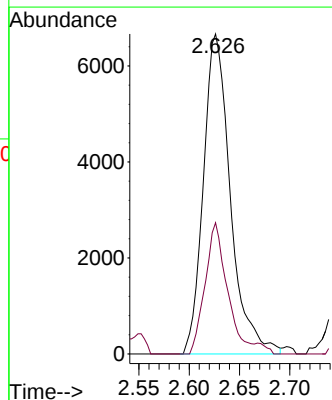
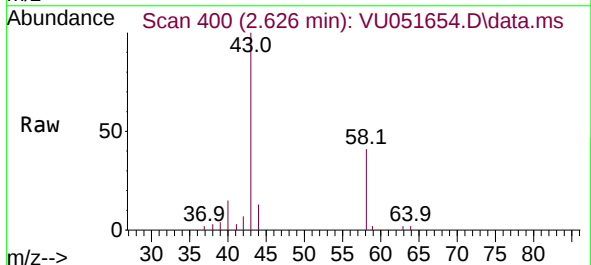
Instrument :
MSVOA_U
ClientSampleId :

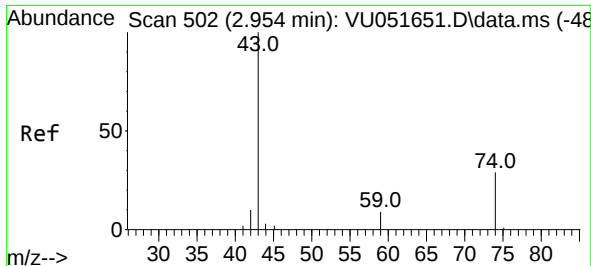
Tgt Ion:101 Resp: 1020
Ion Ratio Lower Upper
101 100
85 12.0 35.6 53.4#
151 21.4 59.6 89.4#



#13
Acetone
Concen: 4.514 ug/L
RT: 2.626 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU051654.D
Acq: 01 Nov 2022 15:13

Tgt Ion: 43 Resp: 12451
Ion Ratio Lower Upper
43 100
58 35.0 0.0 73.8

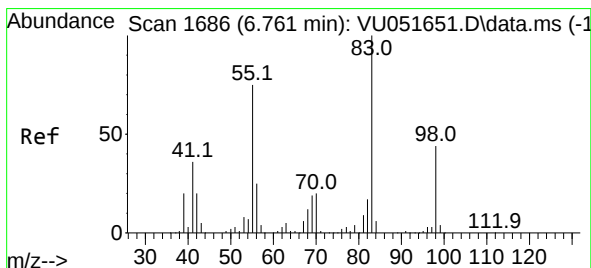
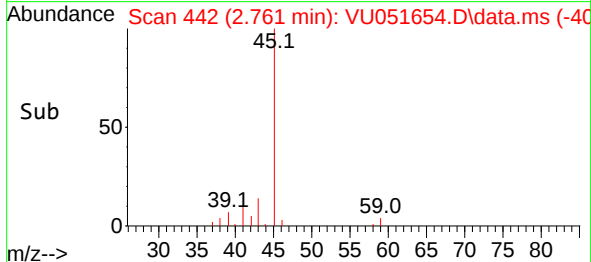
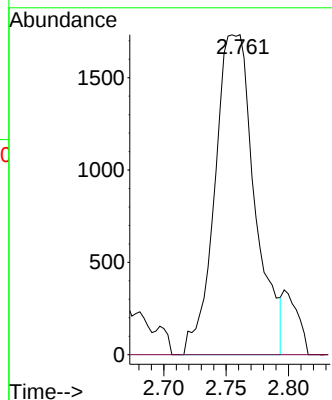
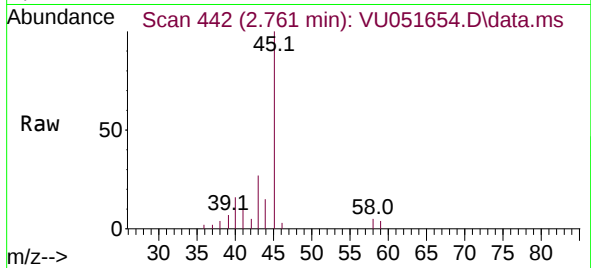




#15
Methyl Acetate
Concen: 0.534 ug/L
RT: 2.761 min Scan# 44
Delta R.T. -0.193 min
Lab File: VU051654.D
Acq: 01 Nov 2022 15:13

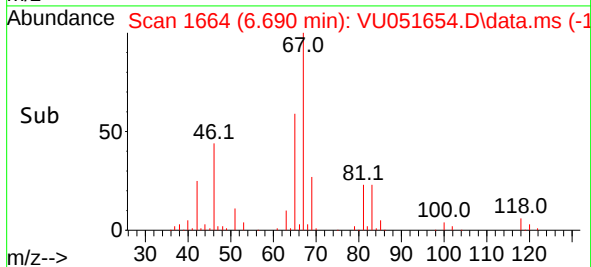
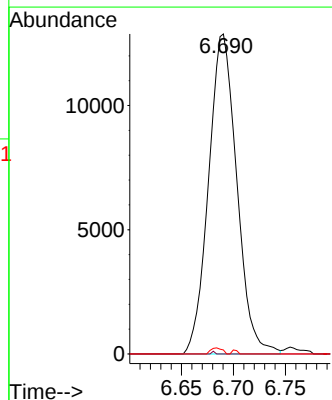
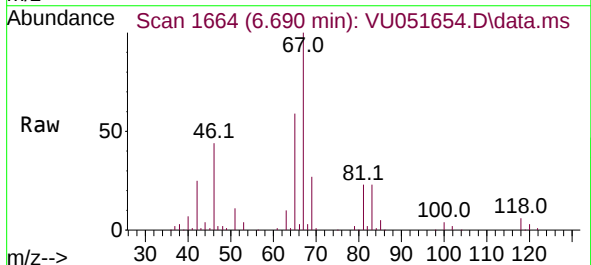
Instrument :
MSVOA_U
ClientSampleId :

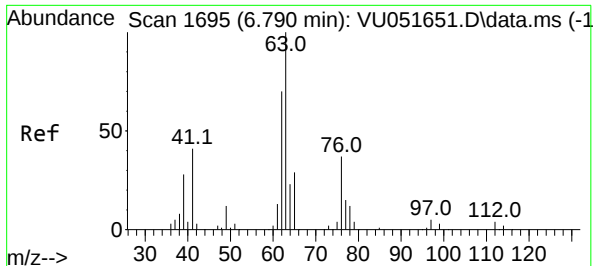
Tgt Ion: 43 Resp: 3859
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#



#35
Methylcyclohexane
Concen: 0.912 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051654.D
Acq: 01 Nov 2022 15:13

Tgt Ion: 83 Resp: 24321
Ion Ratio Lower Upper
83 100
55 0.0 60.6 90.8#
98 0.2 35.8 53.6#





#37

1,2-Dichloropropane

Concen: 0.526 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU051654.D

Acq: 01 Nov 2022 15:13

Instrument :

MSVOA_U

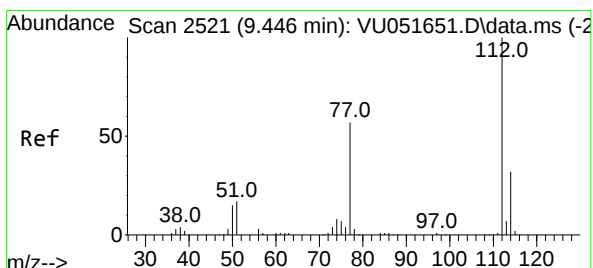
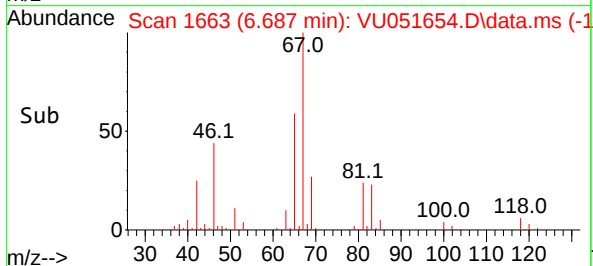
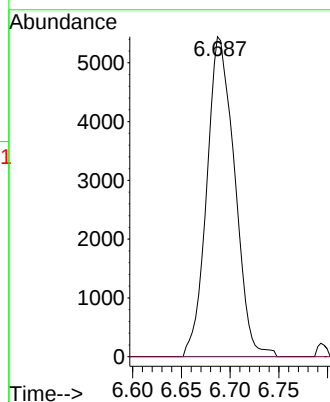
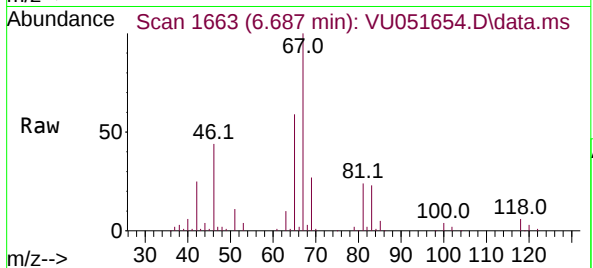
ClientSampleId :

Tgt Ion: 63 Resp: 10803

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#51

Chlorobenzene

Concen: 0.247 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051654.D

Acq: 01 Nov 2022 15:13

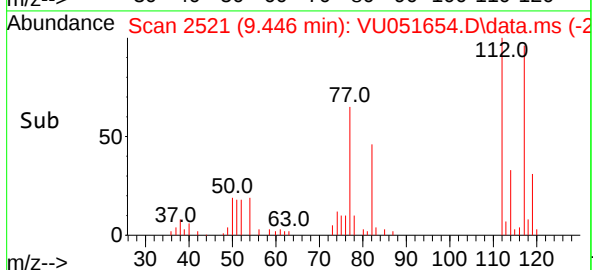
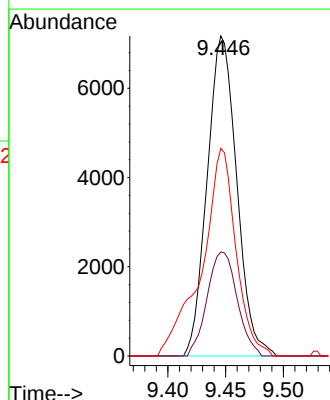
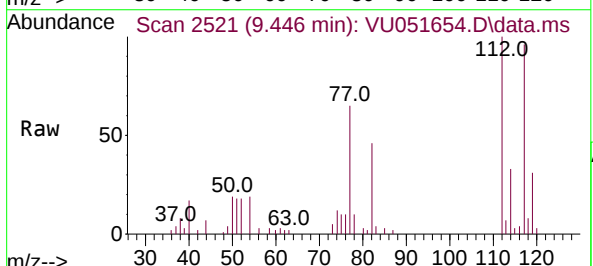
Tgt Ion: 112 Resp: 12772

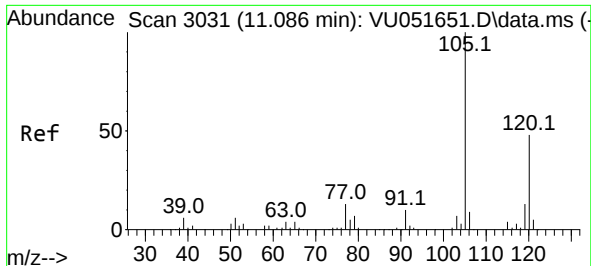
Ion Ratio Lower Upper

112 100

114 32.5 22.0 40.8

77 64.9 46.7 70.1

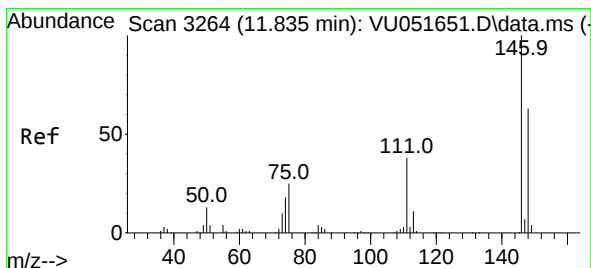
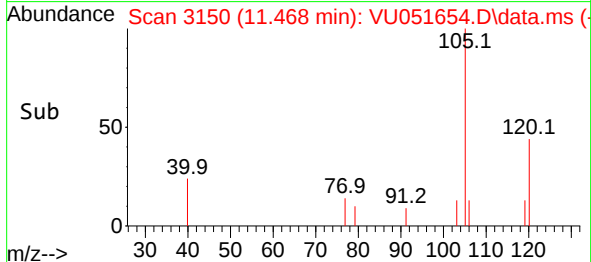
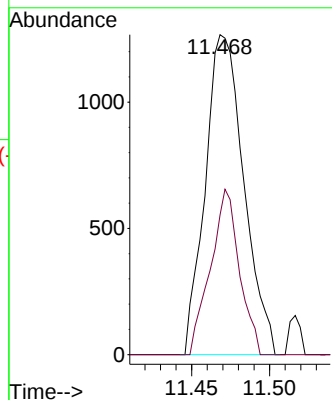
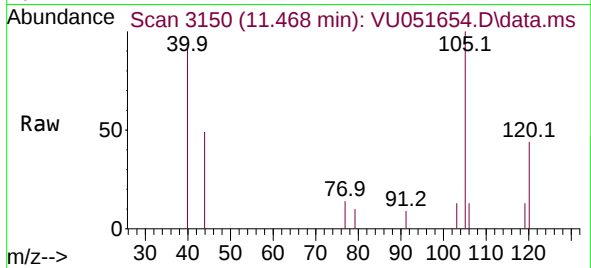




#62
 1,3,5-Trimethylbenzene
 Concen: 0.132 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.383 min
 Lab File: VU051654.D
 Acq: 01 Nov 2022 15:13

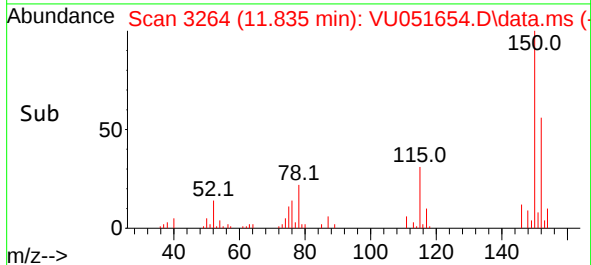
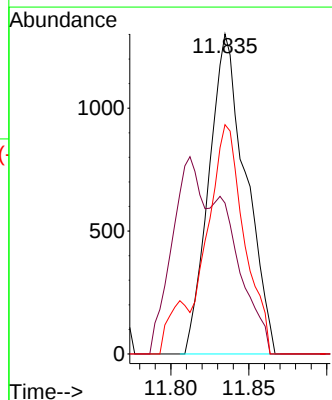
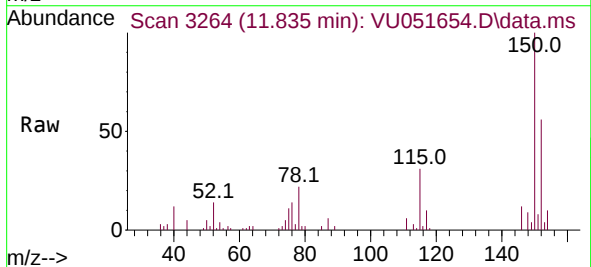
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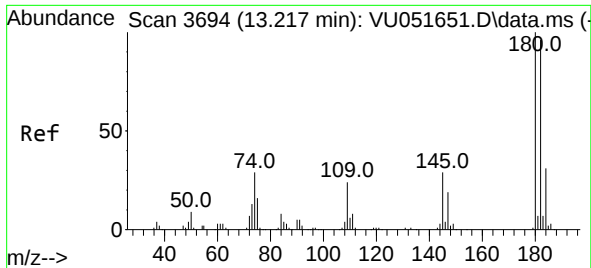
Tgt Ion:105 Resp: 2176
 Ion Ratio Lower Upper
 105 100
 120 38.7 38.6 57.8



#65
 1,4-Dichlorobenzene
 Concen: 0.070 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU051654.D
 Acq: 01 Nov 2022 15:13

Tgt Ion:146 Resp: 2142
 Ion Ratio Lower Upper
 146 100
 111 47.2 26.7 49.5
 148 71.7 43.5 80.9





#69

1,3,5-Trichlorobenzene

Concen: 0.118 ug/L

RT: 13.221 min Scan# 30

Delta R.T. 0.003 min

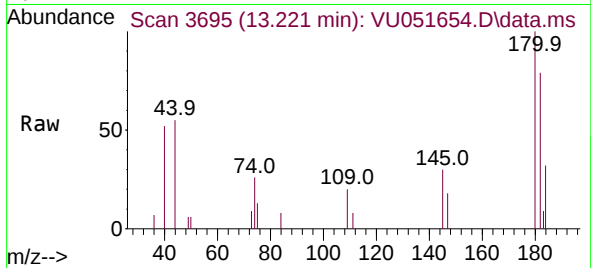
Lab File: VU051654.D

Acq: 01 Nov 2022 15:13

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 2556

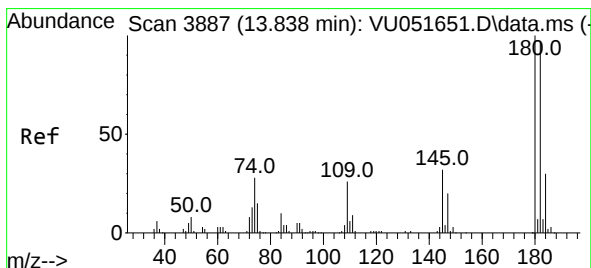
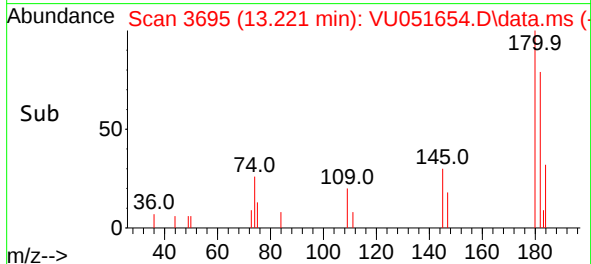
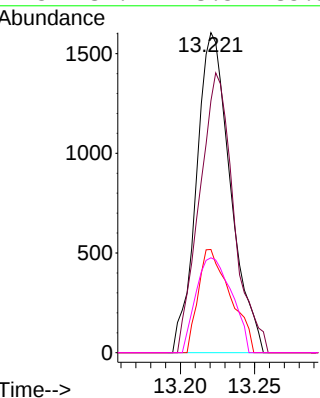
Ion Ratio Lower Upper

180 100

182 87.8 77.0 115.6

184 30.4 23.7 35.5

145 31.2 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 0.195 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.006 min

Lab File: VU051654.D

Acq: 01 Nov 2022 15:13

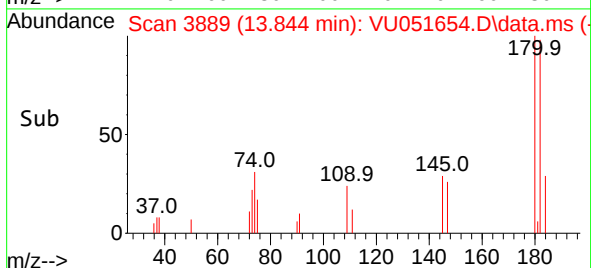
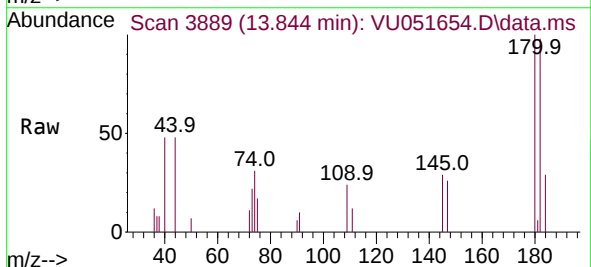
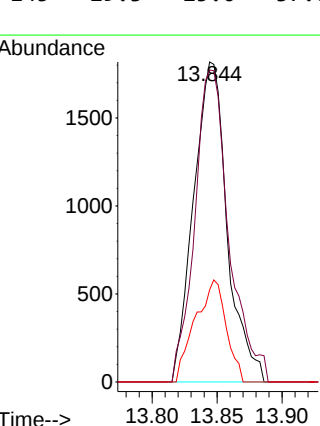
Tgt Ion:180 Resp: 3258

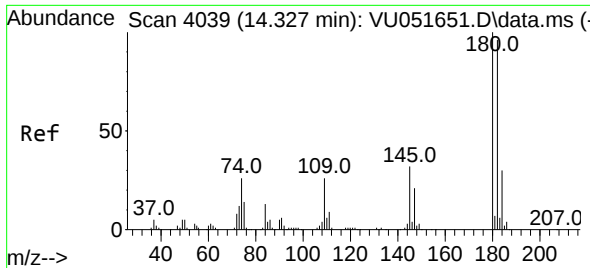
Ion Ratio Lower Upper

180 100

182 99.5 77.8 116.6

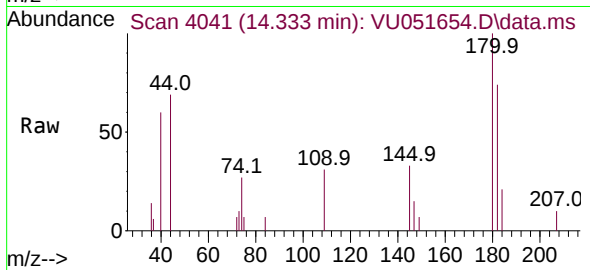
145 29.3 25.0 37.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.156 ug/L
 RT: 14.333 min Scan# 40
 Delta R.T. 0.006 min
 Lab File: VU051654.D
 Acq: 01 Nov 2022 15:13

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	83.1	76.1	114.1
145	27.7	25.6	38.4

