

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081522\
 Data File : VU050337.D
 Acq On : 15 Aug 2022 13:33
 Operator : SY/MD
 Sample : N4115-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 16 00:31:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:29:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	91977	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	90198	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36164	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29183	3.813	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.909	69	26811	4.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.565	65	11269	3.767	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	4.629	46	98689	52.871	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.740%
24) Chloroform-d	5.063	84	63841	4.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.703	65	34639	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.726	84	115910	4.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.690	67	42014	4.533	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.899	98	84142	3.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	8.179	79	13112	3.948	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.636	63	52402	44.488	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39355	4.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	32268	4.554	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1735	0.157	ug/L	93
5) Vinyl chloride	1.604	62	14647	1.482	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	255	0.042	ug/L #	22
18) trans-1,2-Dichloroethene	3.353	96	1115	0.157	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	10857	1.374	ug/L	95
33) Benzene	5.777	78	13895	0.440	ug/L	100
35) Methylcyclohexane	6.690	83	9226	0.935	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	4330	0.514	ug/L #	89
48) 2-Hexanone	8.684	43	16906	4.483	ug/L #	88
51) Chlorobenzene	9.449	112	2007	0.101	ug/L	98
52) Ethylbenzene	9.571	91	4008	0.130	ug/L	92
53) m,p-Xylene	9.690	106	4706	0.413	ug/L	98
54) o-Xylene	10.102	106	1469	0.129	ug/L	88
61) 1,2,3-Trichloropropane	11.812	75	4490	0.911	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.089	105	905	0.133	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	2834	0.152	ug/L	95
67) 1,2-Dichlorobenzene	12.211	146	966	0.082	ug/L #	84

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 16 00:29:27 2022
Response via : Initial Calibration

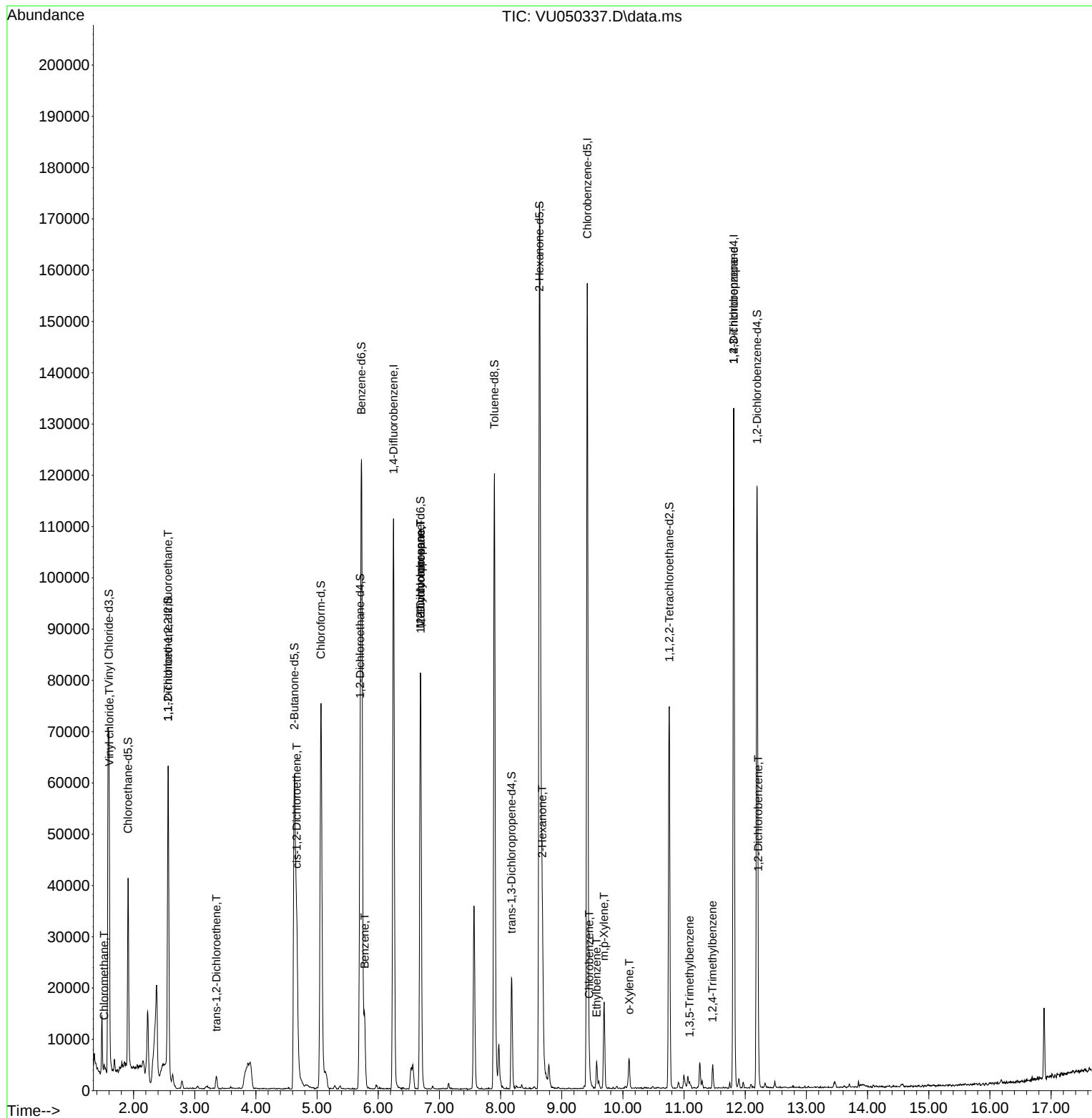
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

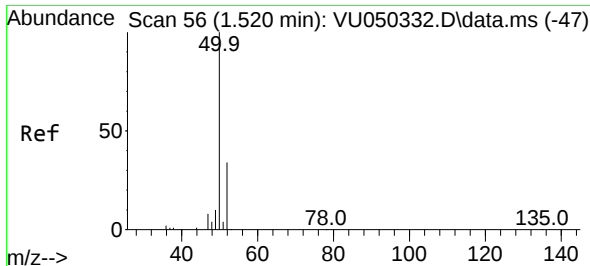
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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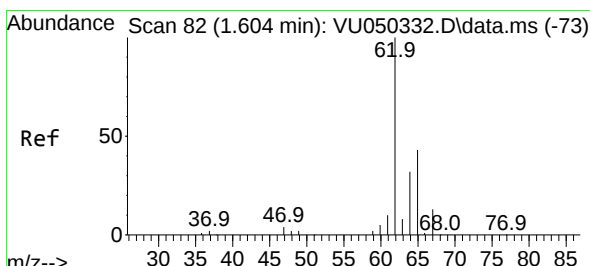
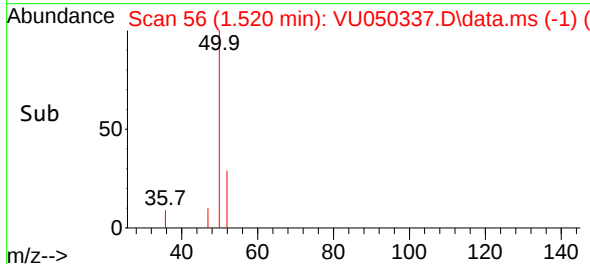
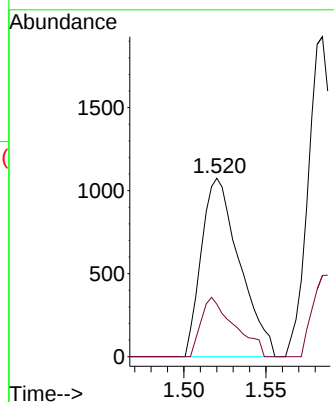
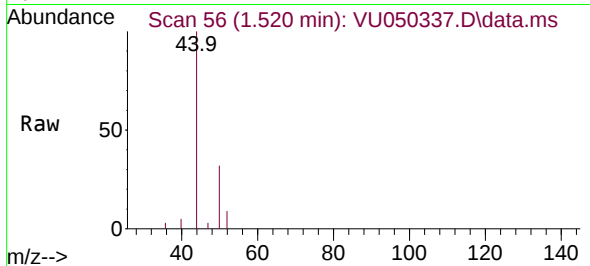




#3
Chloromethane
Concen: 0.157 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050337.D
Acq: 15 Aug 2022 13:33

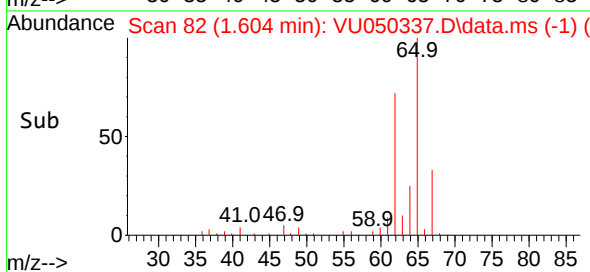
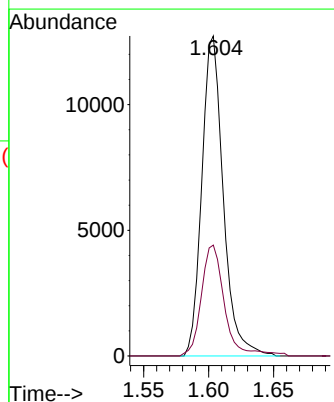
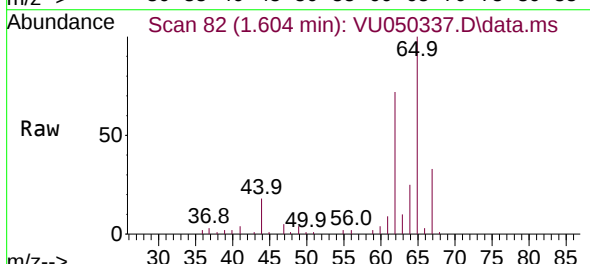
Instrument :
MSVOA_U
ClientSampleId :

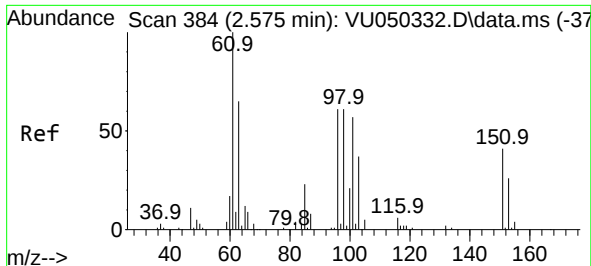
Tgt Ion: 50 Resp: 1735
Ion Ratio Lower Upper
50 100
52 29.4 23.2 43.2



#5
Vinyl chloride
Concen: 1.482 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU050337.D
Acq: 15 Aug 2022 13:33

Tgt Ion: 62 Resp: 14647
Ion Ratio Lower Upper
62 100
64 34.7 22.8 42.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.042 ug/L

RT: 2.565 min Scan# 31

Delta R.T. -0.010 min

Lab File: VU050337.D

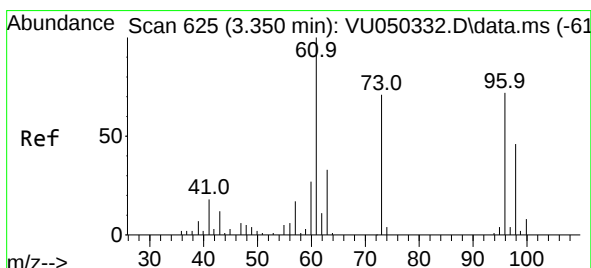
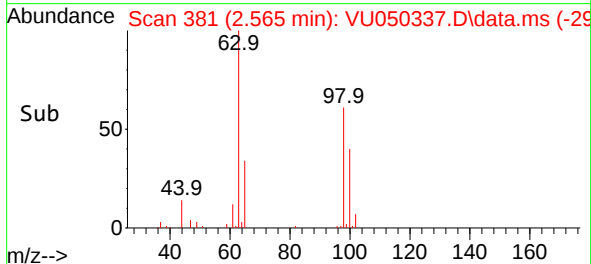
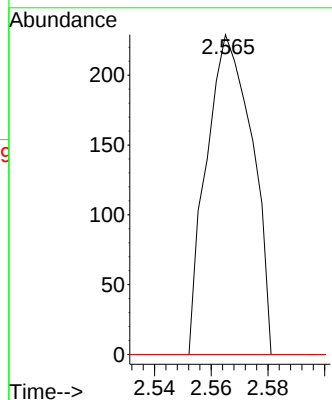
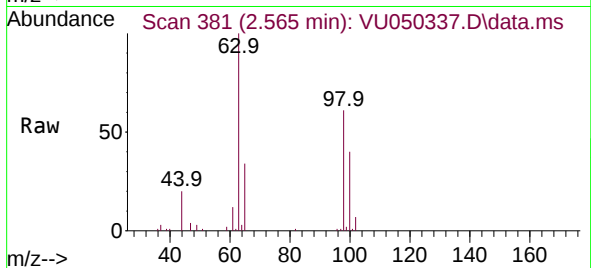
Acq: 15 Aug 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	255
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.6	53.4#
151	0.0	55.2	82.8#



#18

trans-1,2-Dichloroethene

Concen: 0.157 ug/L

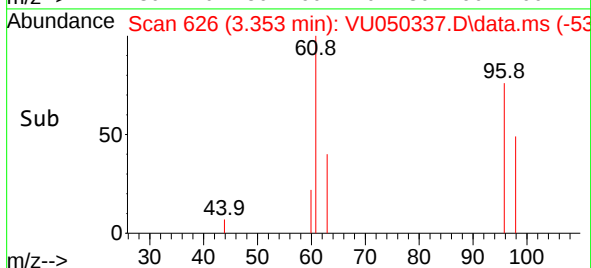
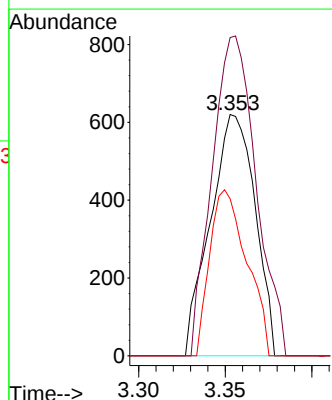
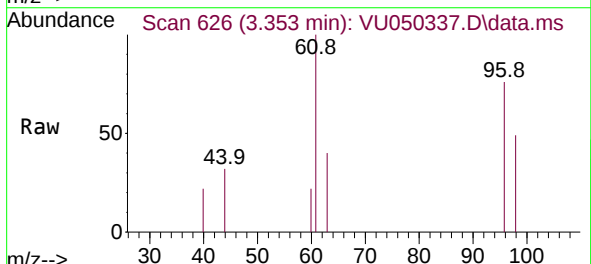
RT: 3.353 min Scan# 626

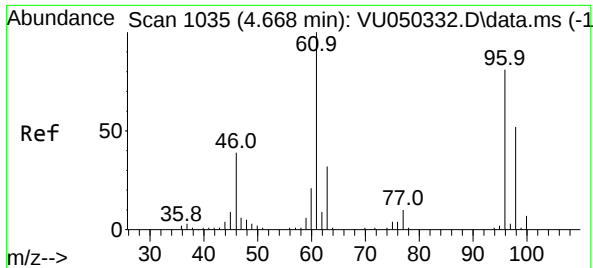
Delta R.T. 0.003 min

Lab File: VU050337.D

Acq: 15 Aug 2022 13:33

Tgt Ion:	96	Resp:	1115
Ion	Ratio	Lower	Upper
96	100		
61	131.9	92.3	171.5
98	65.2	43.2	80.2





#22

cis-1,2-Dichloroethene

Concen: 1.374 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050337.D

Acq: 15 Aug 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

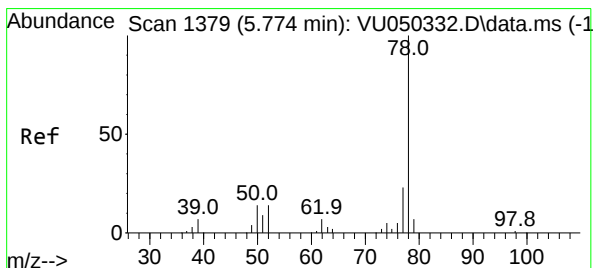
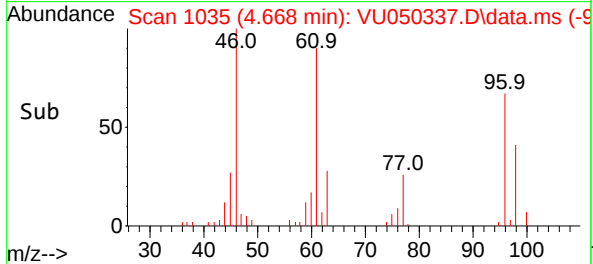
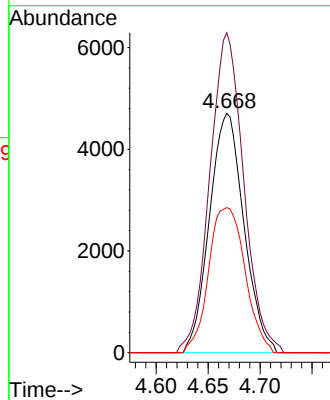
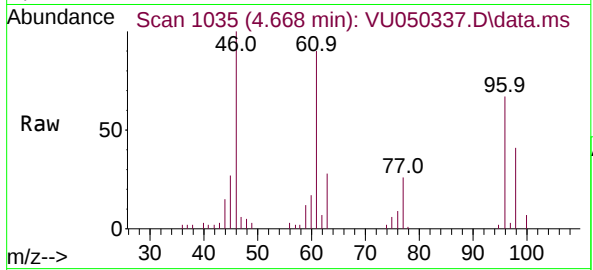
Tgt Ion: 96 Resp: 10857

Ion Ratio Lower Upper

96 100

61 133.7 89.0 165.4

98 60.6 45.2 84.0



#33

Benzene

Concen: 0.440 ug/L

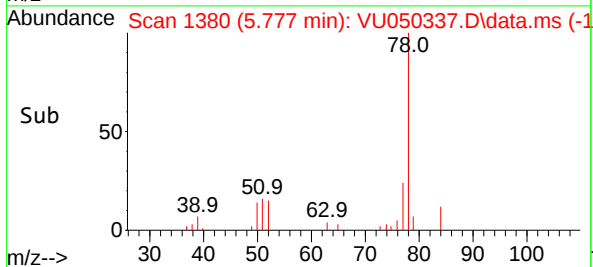
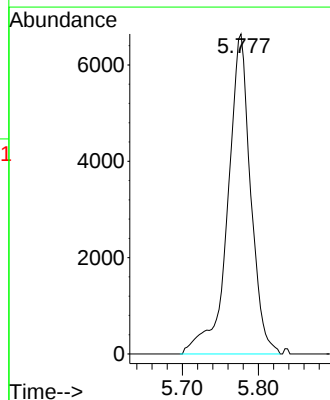
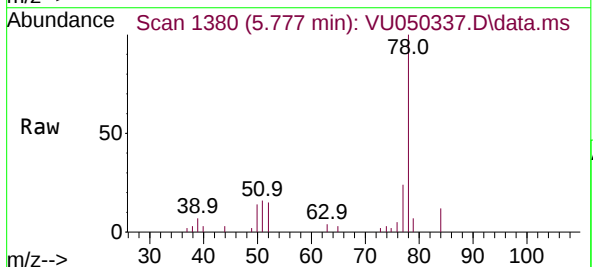
RT: 5.777 min Scan# 1380

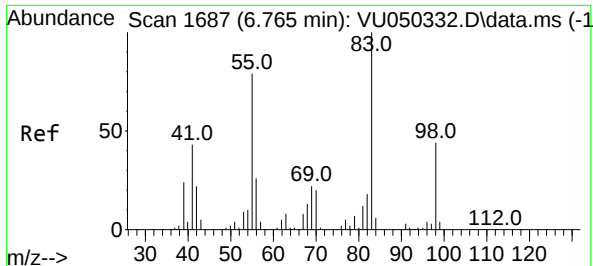
Delta R.T. 0.003 min

Lab File: VU050337.D

Acq: 15 Aug 2022 13:33

Tgt Ion: 78 Resp: 13895





#35

Methylcyclohexane

Concen: 0.935 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050337.D

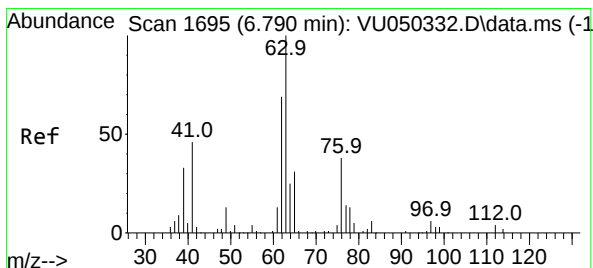
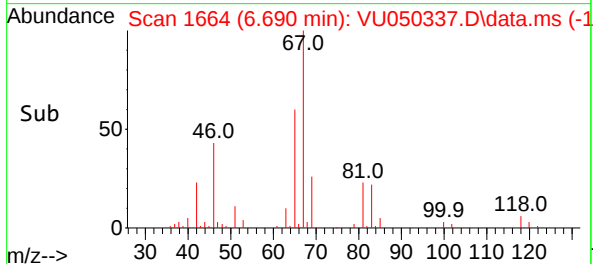
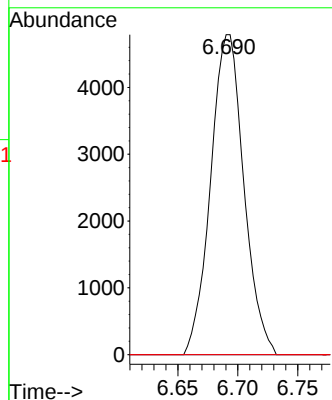
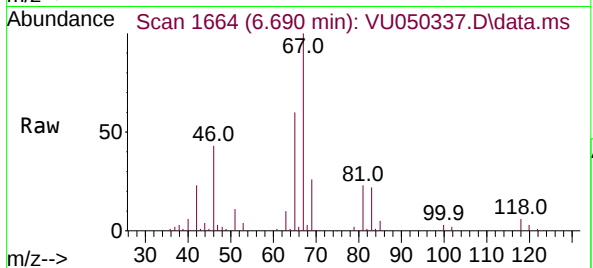
Acq: 15 Aug 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 9226
Ion Ratio	Lower Upper
83 100	
55 0.0	62.7 94.1#
98 0.0	36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.514 ug/L

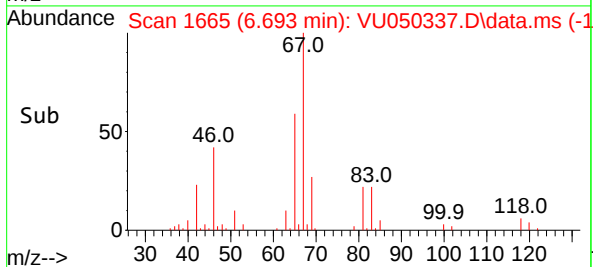
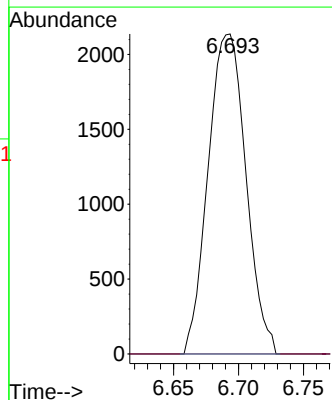
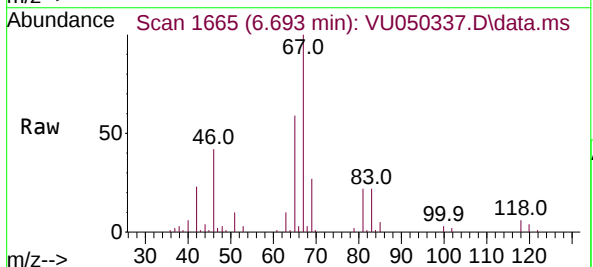
RT: 6.693 min Scan# 1665

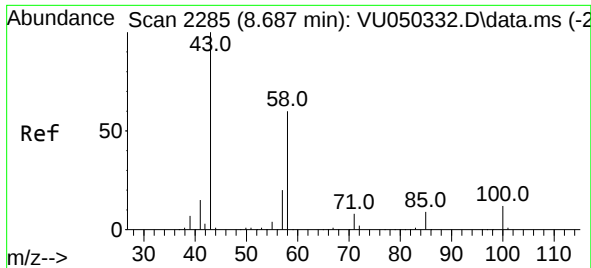
Delta R.T. -0.097 min

Lab File: VU050337.D

Acq: 15 Aug 2022 13:33

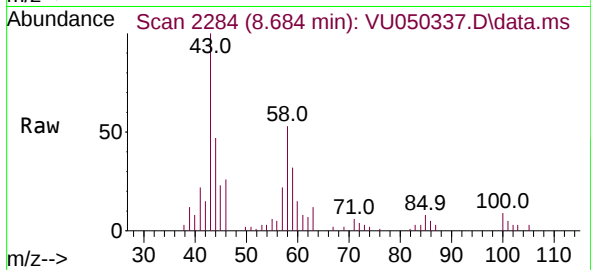
Tgt Ion: 63	Resp: 4330
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#



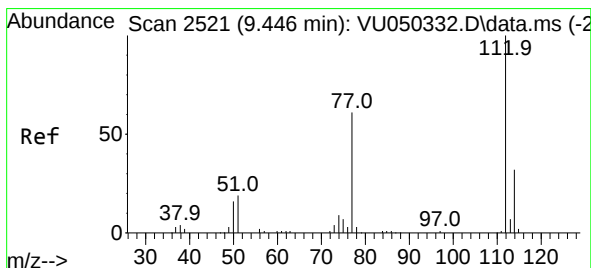
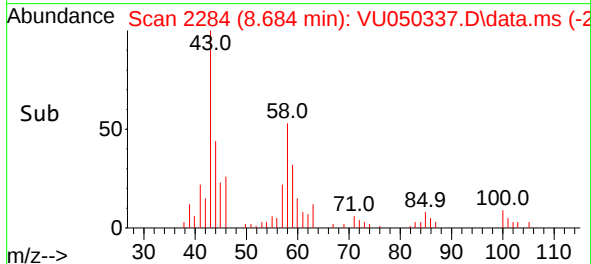
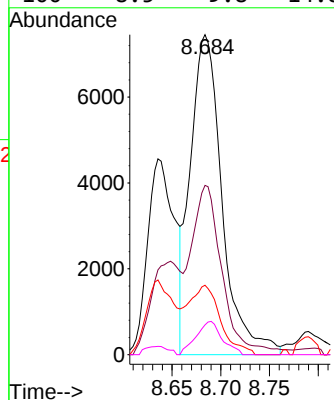


#48
2-Hexanone
Concen: 4.483 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU050337.D
Acq: 15 Aug 2022 13:33

Instrument :
MSVOA_U
ClientSampleId :

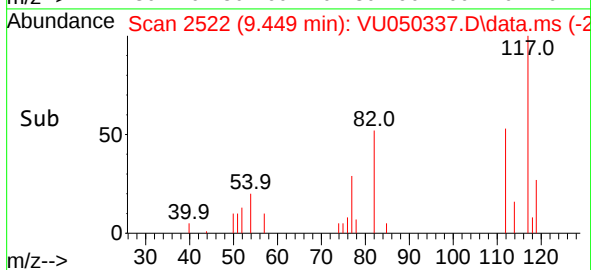
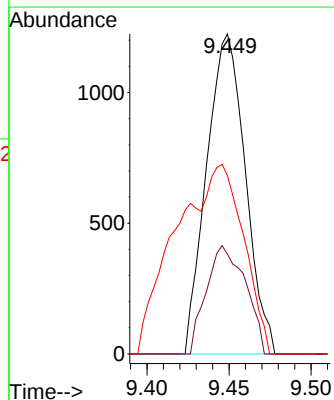
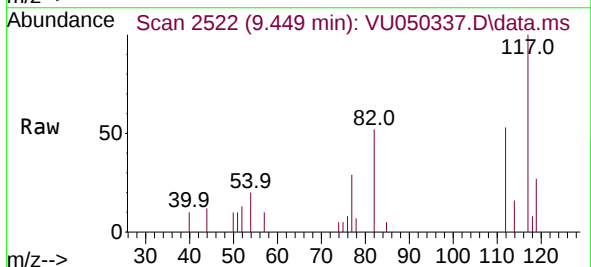


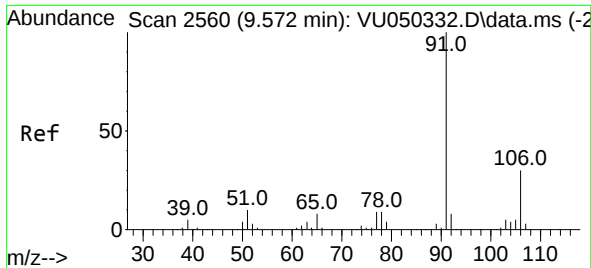
Tgt Ion:	43	Resp:	16906
Ion	Ratio	Lower	Upper
43	100		
58	51.2	50.6	76.0
57	21.0	16.0	24.0
100	8.5	9.8	14.8



#51
Chlorobenzene
Concen: 0.101 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU050337.D
Acq: 15 Aug 2022 13:33

Tgt Ion:	112	Resp:	2007
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.1	41.1
77	55.8	46.3	69.5

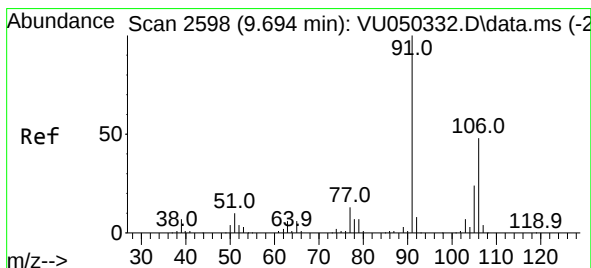
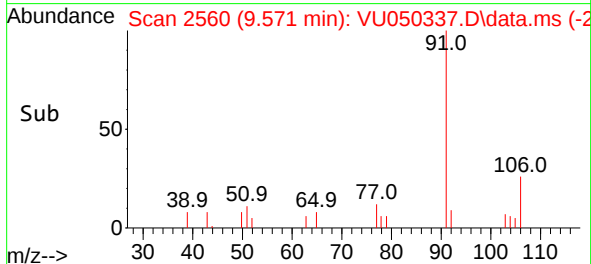
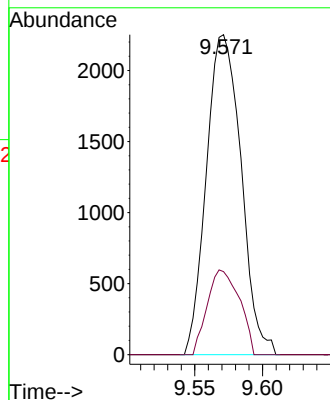
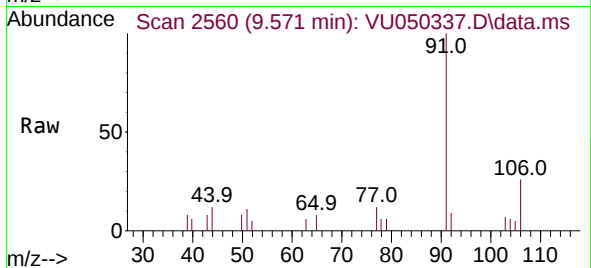




#52
Ethylbenzene
Concen: 0.130 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050337.D
Acq: 15 Aug 2022 13:33

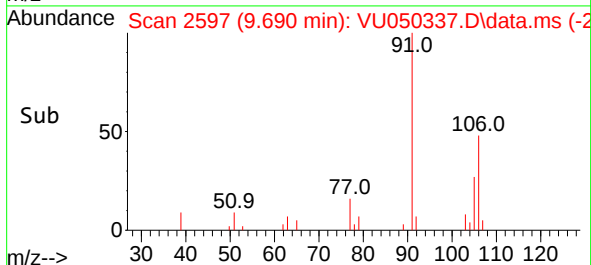
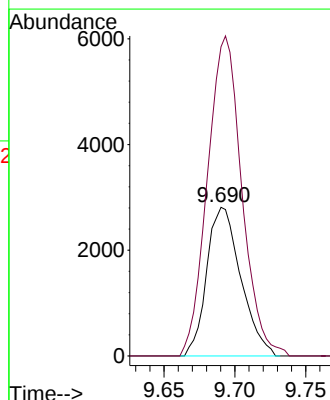
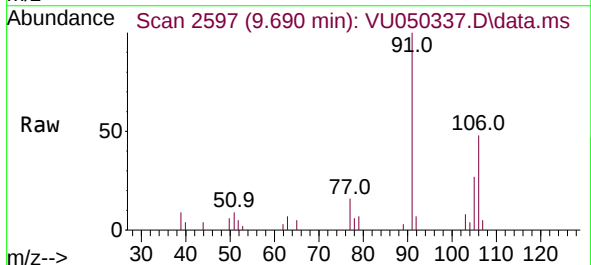
Instrument :
MSVOA_U
ClientSampleId :

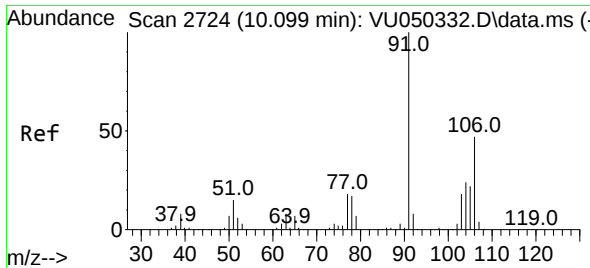
Tgt Ion: 91 Resp: 4008
Ion Ratio Lower Upper
91 100
106 25.9 21.3 39.5



#53
m,p-Xylene
Concen: 0.413 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.004 min
Lab File: VU050337.D
Acq: 15 Aug 2022 13:33

Tgt Ion: 106 Resp: 4706
Ion Ratio Lower Upper
106 100
91 208.0 143.1 265.9

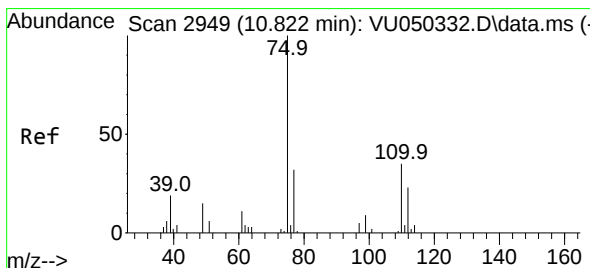
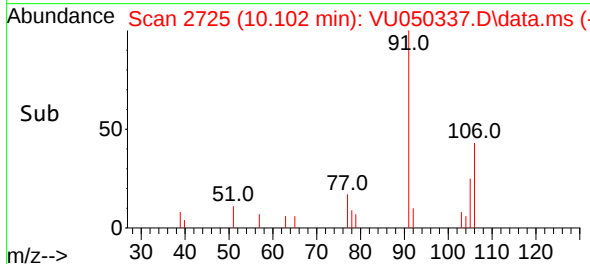
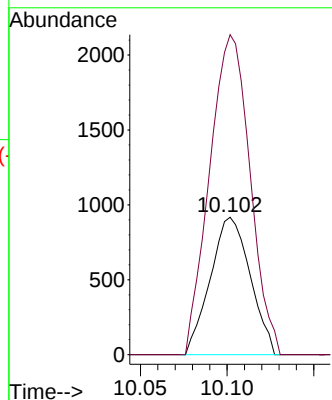
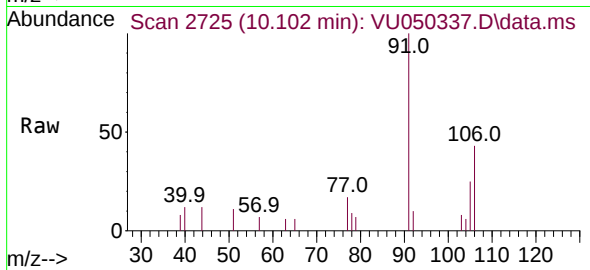




#54
o-Xylene
Concen: 0.129 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050337.D
Acq: 15 Aug 2022 13:33

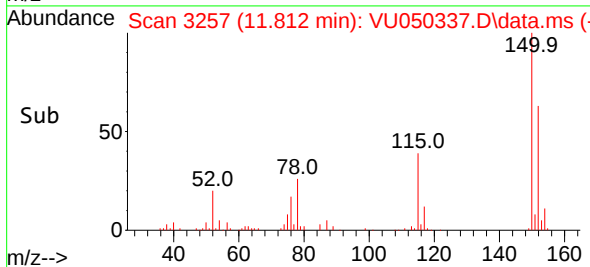
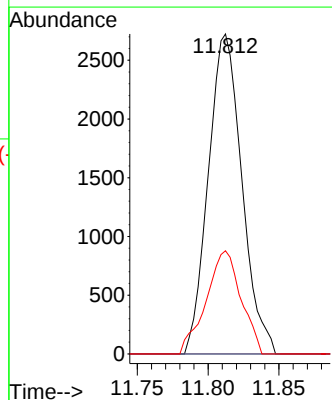
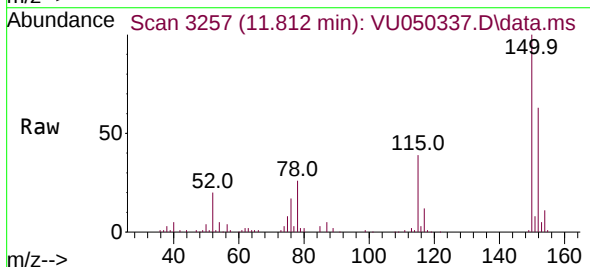
Instrument :
MSVOA_U
ClientSampleId :

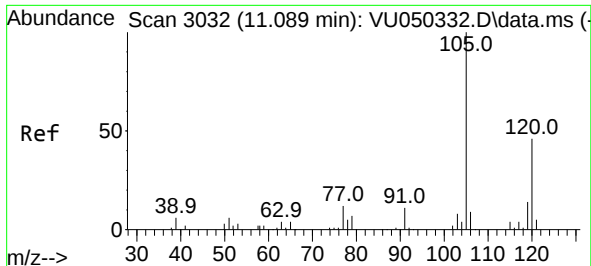
Tgt Ion:106 Resp: 1469
Ion Ratio Lower Upper
106 100
91 232.9 149.4 277.4



#61
1,2,3-Trichloropropane
Concen: 0.911 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050337.D
Acq: 15 Aug 2022 13:33

Tgt Ion: 75 Resp: 4490
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 33.5 25.8 38.6





#62

1,3,5-Trimethylbenzene

Concen: 0.133 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU050337.D

Acq: 15 Aug 2022 13:33

Instrument :

MSVOA_U

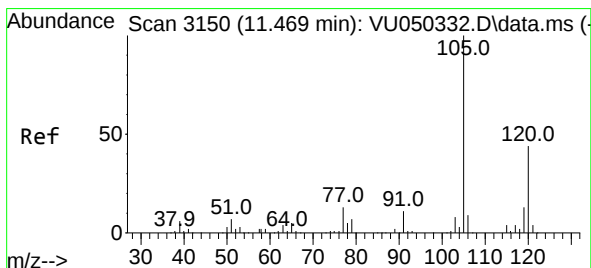
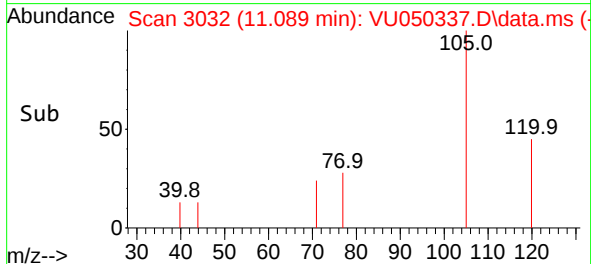
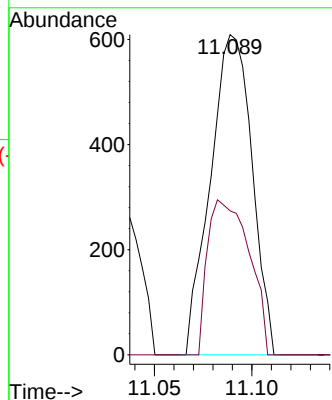
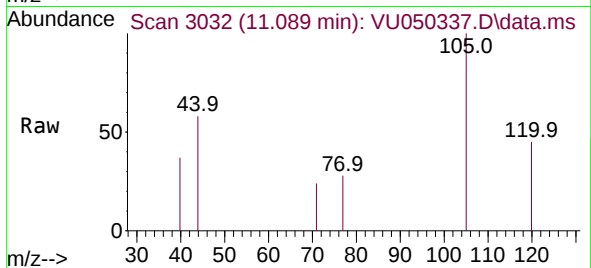
ClientSampleId :

Tgt Ion:105 Resp: 905

Ion Ratio Lower Upper

105 100

120 48.4 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 0.152 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.004 min

Lab File: VU050337.D

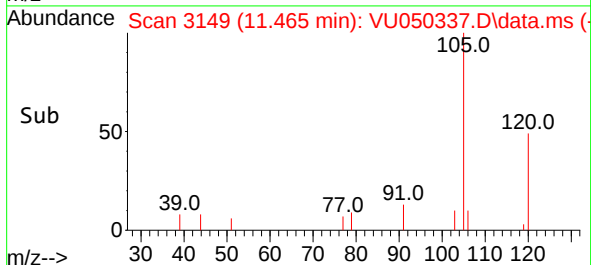
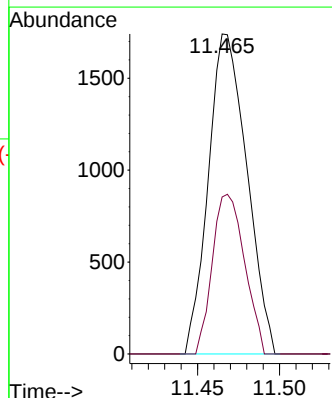
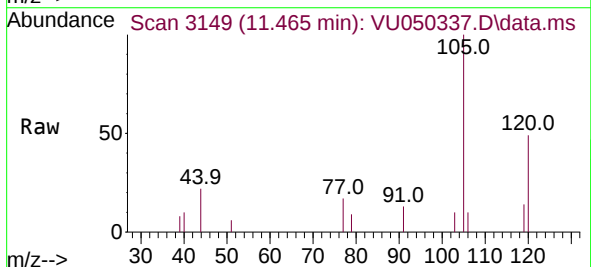
Acq: 15 Aug 2022 13:33

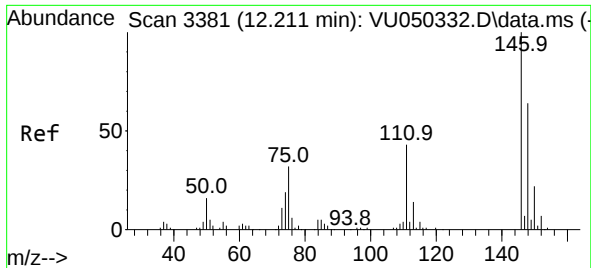
Tgt Ion:105 Resp: 2834

Ion Ratio Lower Upper

105 100

120 41.8 35.9 53.9





#67

1,2-Dichlorobenzene

Concen: 0.082 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

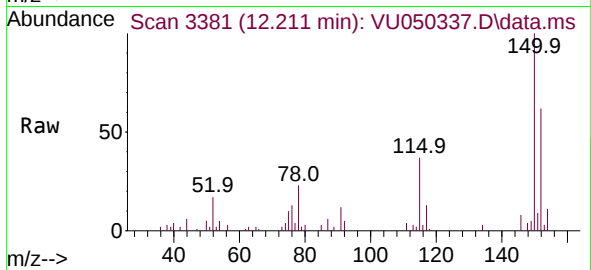
Lab File: VU050337.D

Acq: 15 Aug 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 966

Ion Ratio Lower Upper

146 100

111 50.1 32.9 49.3#

148 50.2 50.4 75.6#

