

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081522\
 Data File : VU050336.D
 Acq On : 15 Aug 2022 13:09
 Operator : SY/MD
 Sample : N4115-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 16 00:30:54 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)

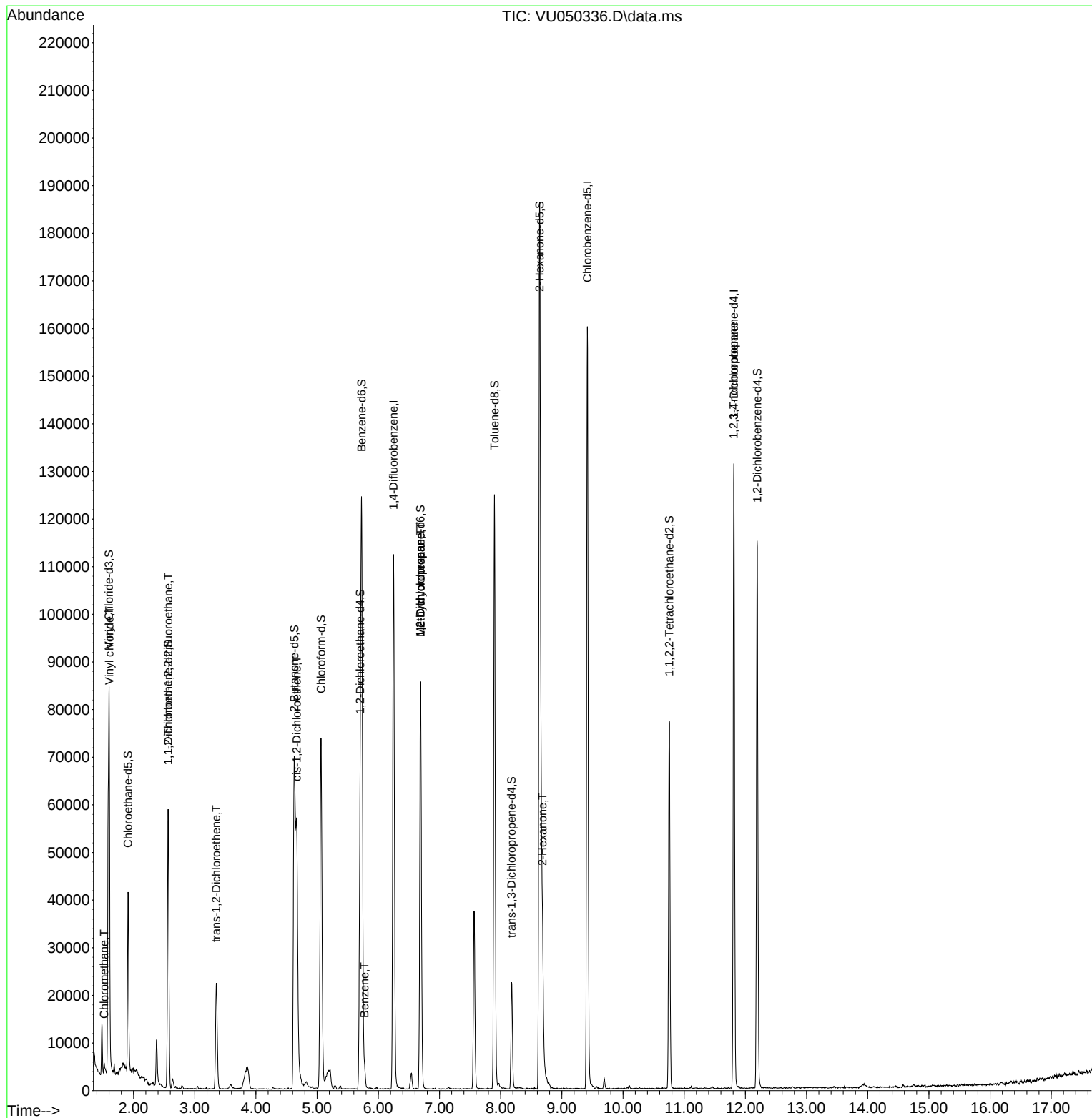
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	93182	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	92182	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35078	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30481	3.931	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.909	69	27974	4.471	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.565	65	11050	3.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	4.626	46	112114	59.287	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.580%
24) Chloroform-d	5.064	84	63103	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.703	65	36456	4.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.726	84	117187	4.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.690	67	43314	4.572	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.899	98	87015	3.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
43) trans-1,3-Dichloroprop...	8.179	79	13469	3.968	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.636	63	56873	47.245	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.500%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	40647	4.886	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	31233	4.544	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1703	0.152	ug/L	91
5) Vinyl chloride	1.604	62	27292	2.726	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	256	0.042	ug/L #	22
18) trans-1,2-Dichloroethene	3.350	96	9689	1.344	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	22130	2.765	ug/L	98
33) Benzene	5.774	78	3765	0.117	ug/L	100
35) Methylcyclohexane	6.690	83	9483	0.940	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	4331	0.503	ug/L #	89
48) 2-Hexanone	8.684	43	16363	4.246	ug/L #	89
61) 1,2,3-Trichloropropane	11.809	75	4257	0.891	ug/L #	67

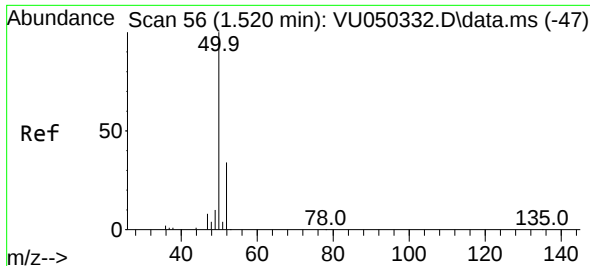
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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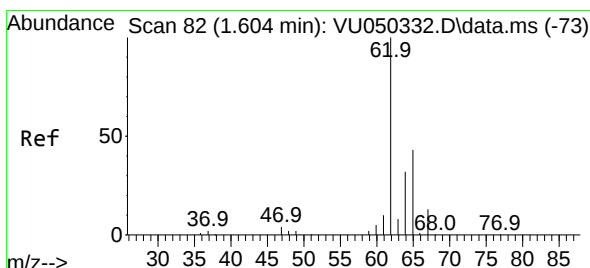
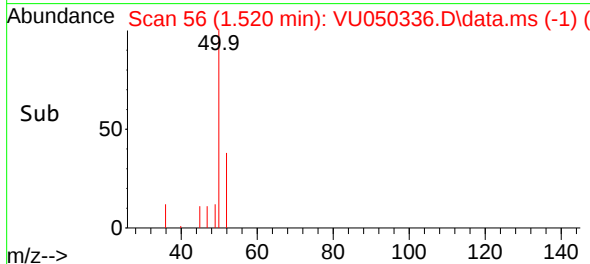
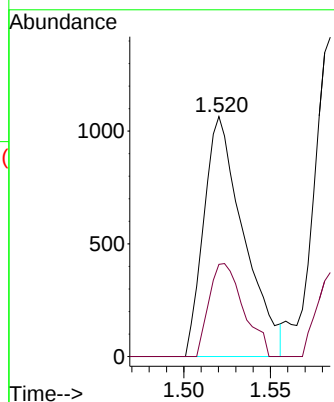
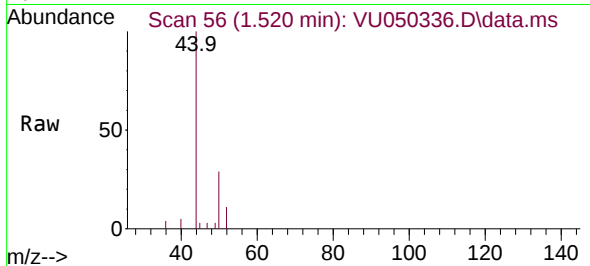




#3
Chloromethane
Concen: 0.152 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050336.D
Acq: 15 Aug 2022 13:09

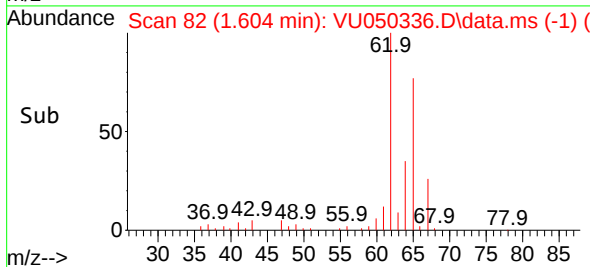
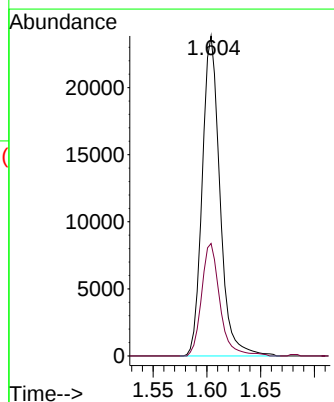
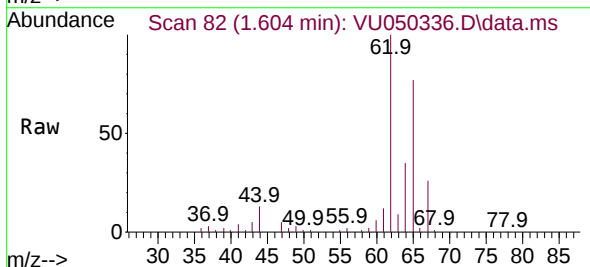
Instrument :
MSVOA_U
ClientSampleId :

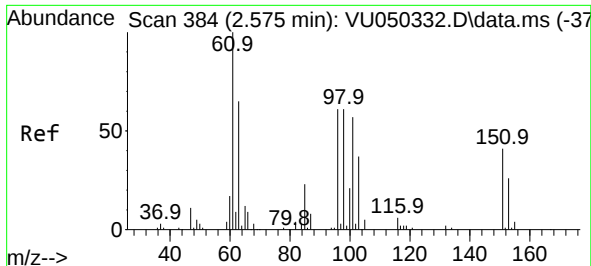
Tgt Ion: 50 Resp: 1703
Ion Ratio Lower Upper
50 100
52 38.4 23.2 43.2



#5
Vinyl chloride
Concen: 2.726 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU050336.D
Acq: 15 Aug 2022 13:09

Tgt Ion: 62 Resp: 27292
Ion Ratio Lower Upper
62 100
64 35.2 22.8 42.4





#10

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

Concen: 0.042 ug/L

RT: 2.565 min Scan# 384

Delta R.T. -0.010 min

Lab File: VU050336.D

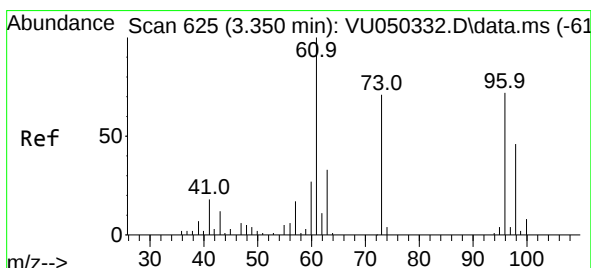
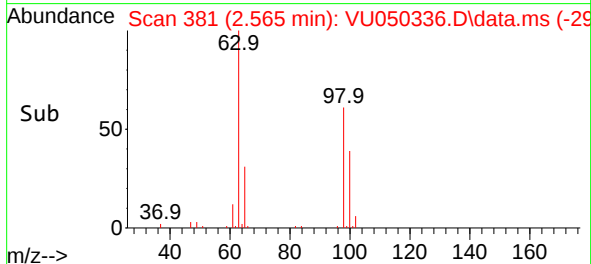
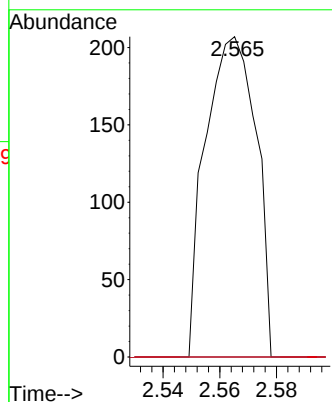
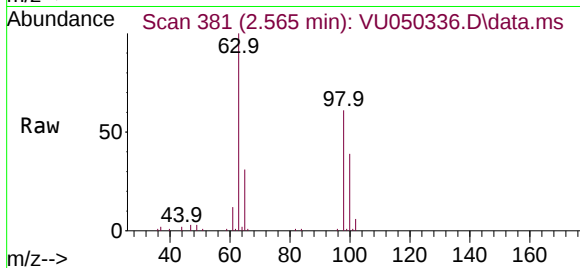
Acq: 15 Aug 2022 13:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	256
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: 1.344 ug/L

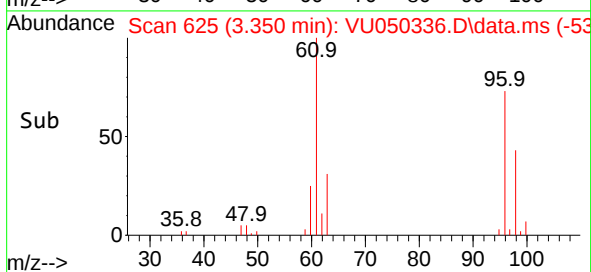
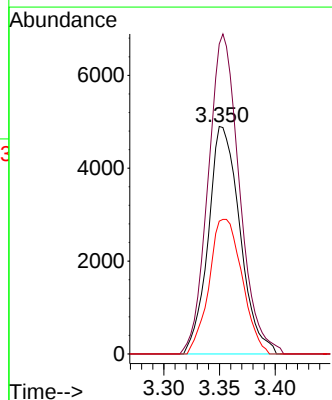
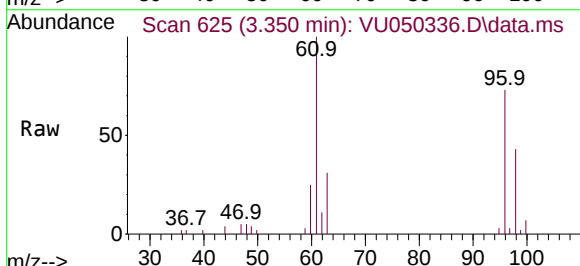
RT: 3.350 min Scan# 625

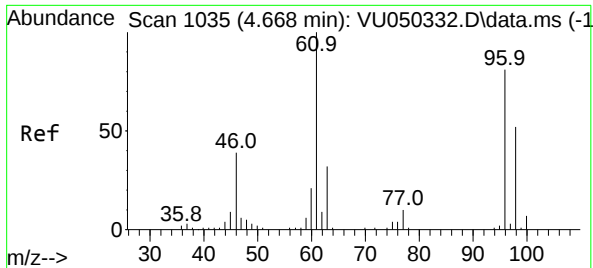
Delta R.T. -0.000 min

Lab File: VU050336.D

Acq: 15 Aug 2022 13:09

Tgt Ion: 96	Resp:	9689
Ion Ratio	Lower	Upper
96	100	
61	136.2	92.3 171.5
98	58.4	43.2 80.2





#22

cis-1,2-Dichloroethene

Concen: 2.765 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050336.D

Acq: 15 Aug 2022 13:09

Instrument :

MSVOA_U

ClientSampleId :

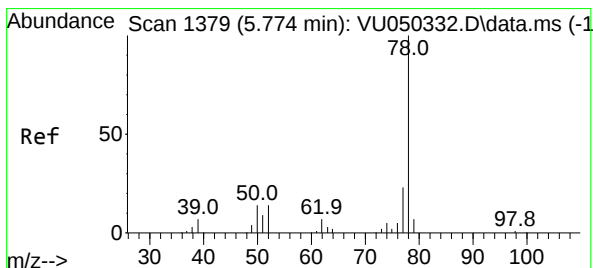
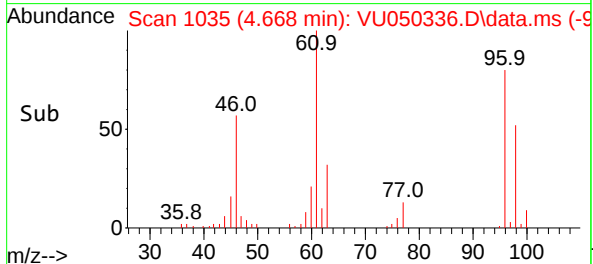
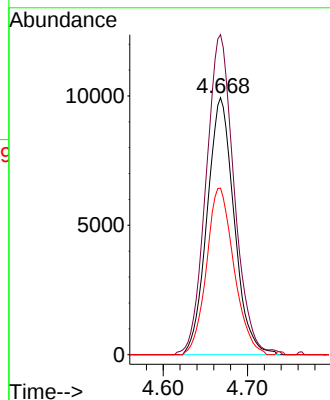
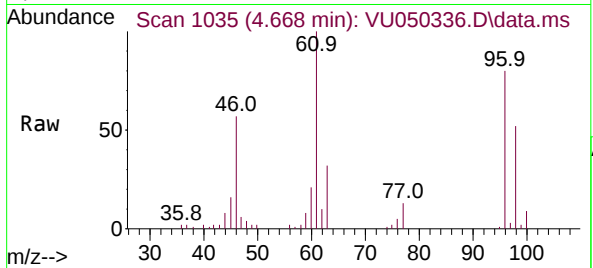
Tgt Ion: 96 Resp: 22130

Ion Ratio Lower Upper

96 100

61 124.5 89.0 165.4

98 64.8 45.2 84.0



#33

Benzene

Concen: 0.117 ug/L

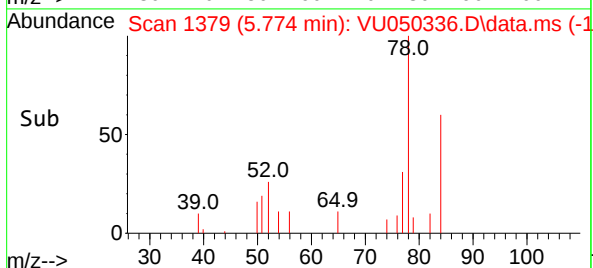
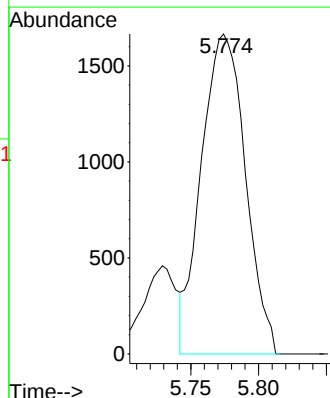
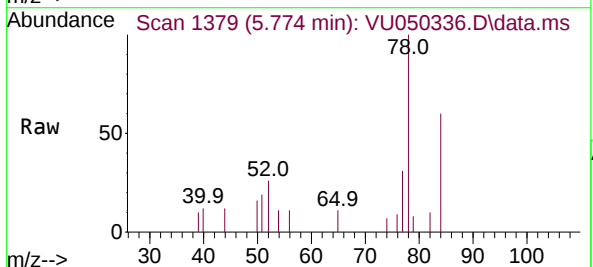
RT: 5.774 min Scan# 1379

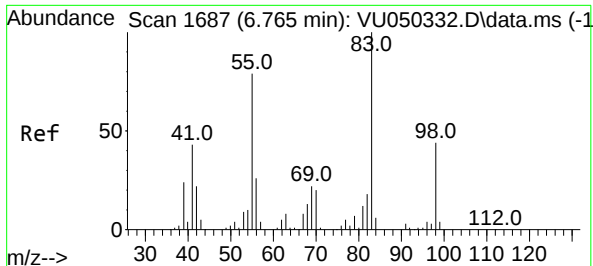
Delta R.T. -0.000 min

Lab File: VU050336.D

Acq: 15 Aug 2022 13:09

Tgt Ion: 78 Resp: 3765





#35

Methylcyclohexane

Concen: 0.940 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU050336.D

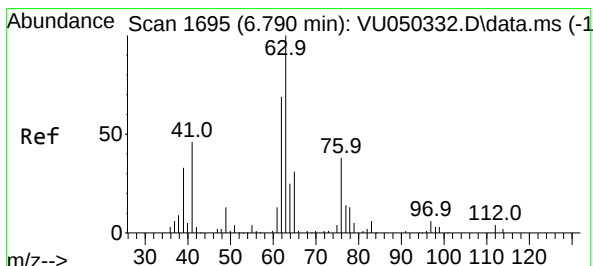
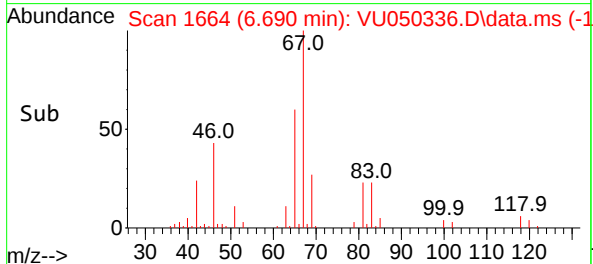
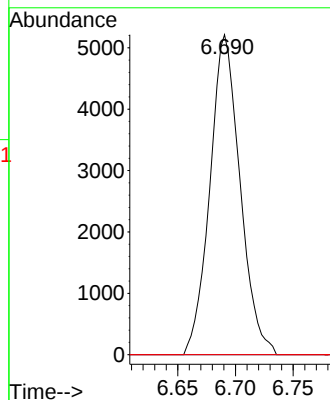
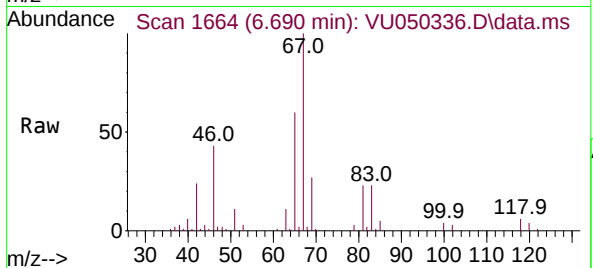
Acq: 15 Aug 2022 13:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	9483
Ion Ratio	Lower	Upper
83	100	
55	0.0	62.7 94.1#
98	2.5	36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.503 ug/L

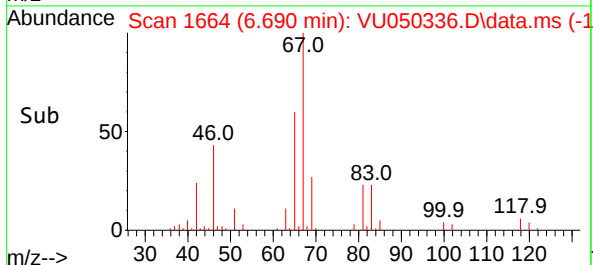
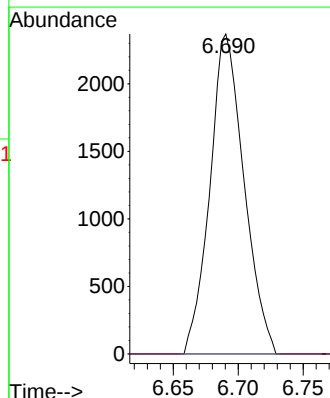
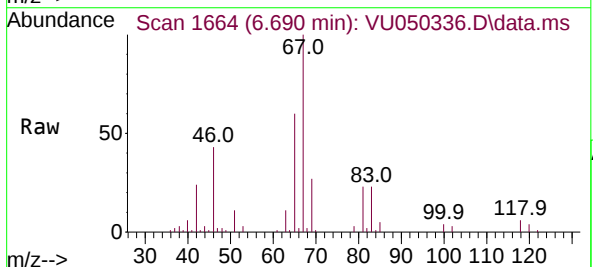
RT: 6.690 min Scan# 1664

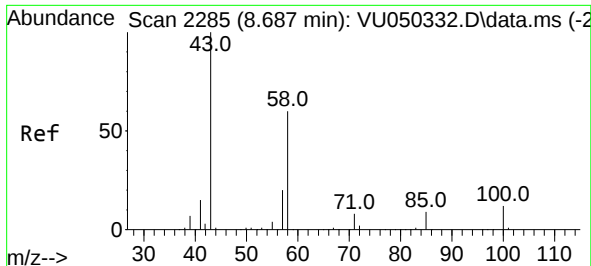
Delta R.T. -0.100 min

Lab File: VU050336.D

Acq: 15 Aug 2022 13:09

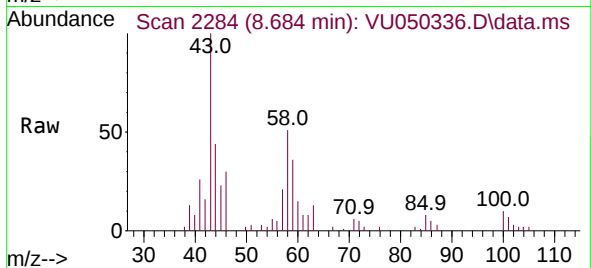
Tgt Ion: 63	Resp:	4331
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.0 4.4#



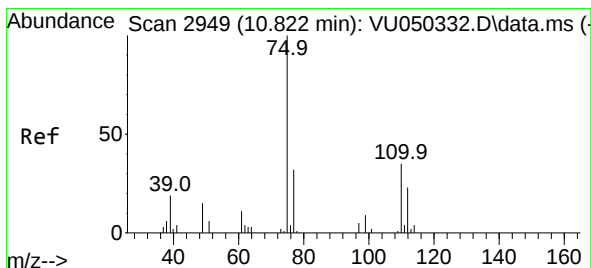
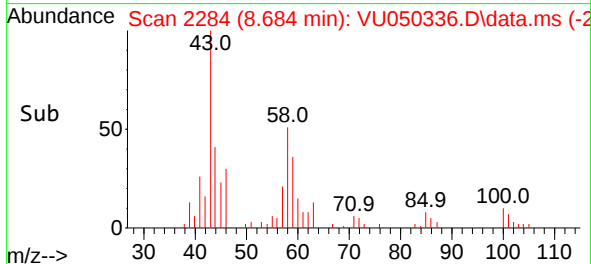
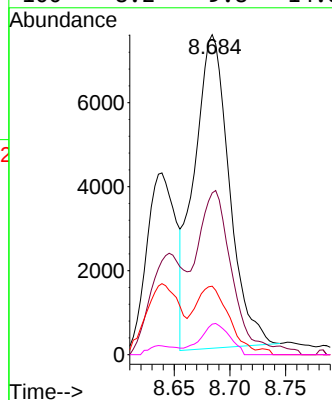


#48
2-Hexanone
Concen: 4.246 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050336.D
Acq: 15 Aug 2022 13:09

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 16363
Ion Ratio Lower Upper
43 100
58 52.6 50.6 76.0
57 19.1 16.0 24.0
100 8.2 9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 0.891 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU050336.D
Acq: 15 Aug 2022 13:09

Tgt Ion: 75 Resp: 4257
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 33.6 25.8 38.6

