

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081522\
 Data File : VU050335.D
 Acq On : 15 Aug 2022 12:44
 Operator : SY/MD
 Sample : N4115-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

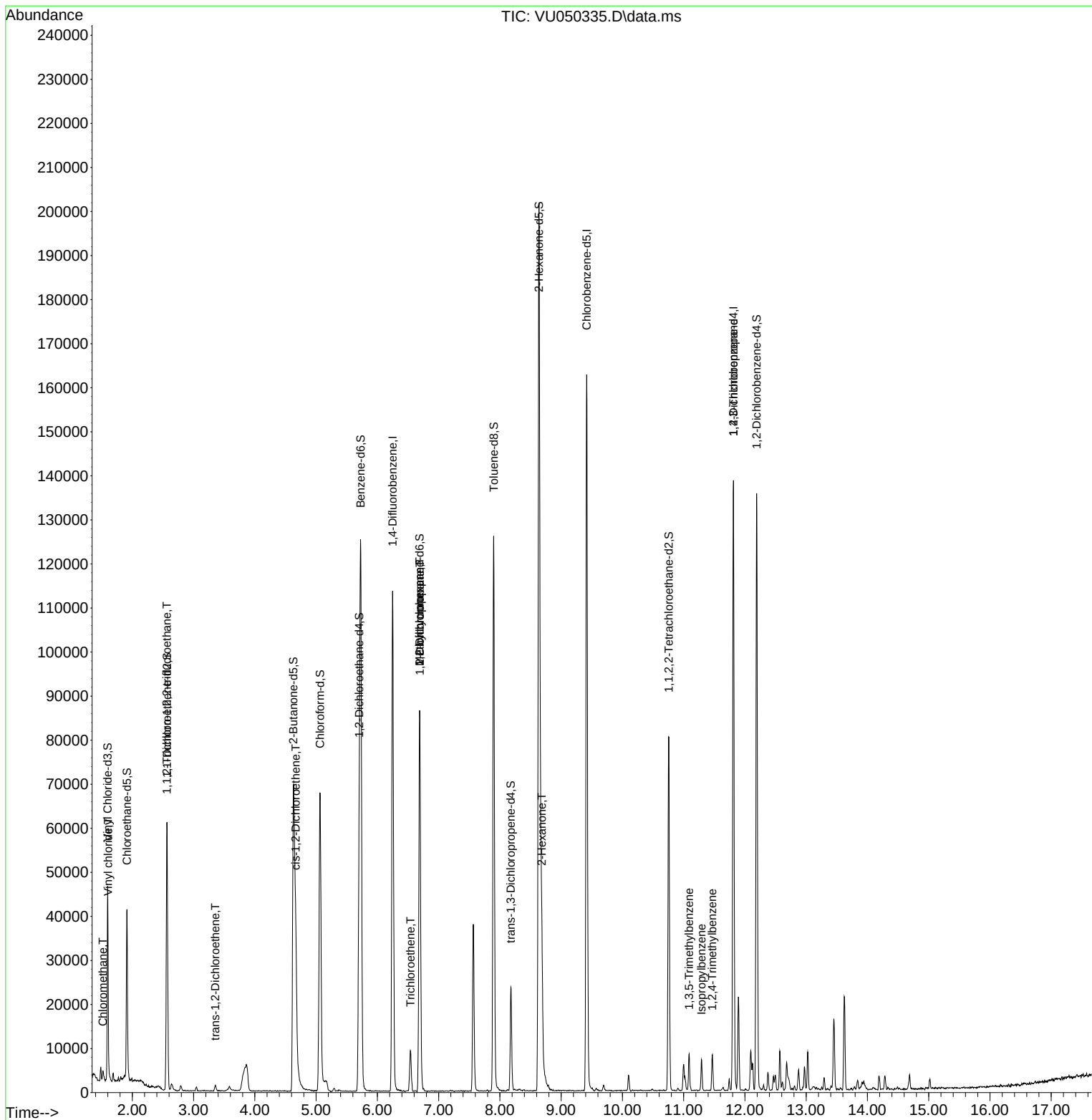
Quant Time: Aug 16 00:30:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:29:27 2022
 Response via : Initial Calibration

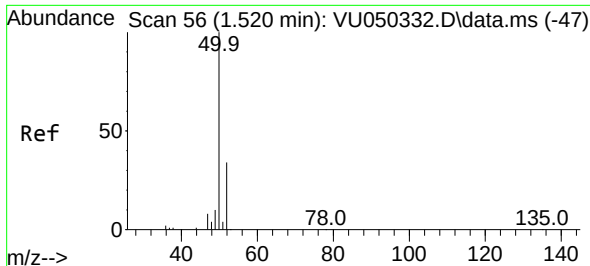
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	93570	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	95119	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37064	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30147	3.872	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.913	69	27688	4.407	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.565	65	11375	3.738	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	4.629	46	113217	59.622	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.240%
24) Chloroform-d	5.064	84	64990	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.703	65	35993	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.729	84	118667	3.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.691	67	43929	4.494	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.899	98	88005	3.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.200%#
43) trans-1,3-Dichloroprop...	8.179	79	13783	3.935	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.636	63	62796	50.555	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.100%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	41435	4.827	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	33419	4.602	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
3) Chloromethane	1.520	50	1731	0.154	ug/L	92
5) Vinyl chloride	1.604	62	1811	0.180	ug/L #	81
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	356	0.058	ug/L #	22
18) trans-1,2-Dichloroethene	3.356	96	642	0.089	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	12213	1.519	ug/L	96
34) Trichloroethene	6.543	95	3026	0.375	ug/L	95
35) Methylcyclohexane	6.691	83	10070	0.968	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	4566	0.514	ug/L #	89
48) 2-Hexanone	8.684	43	17632	4.434	ug/L #	83
60) Isopropylbenzene	11.292	105	4701	0.190	ug/L	94
61) 1,2,3-Trichloropropane	11.812	75	4630	0.917	ug/L #	66
62) 1,3,5-Trimethylbenzene	11.089	105	4780	0.683	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	5111	0.268	ug/L	94

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

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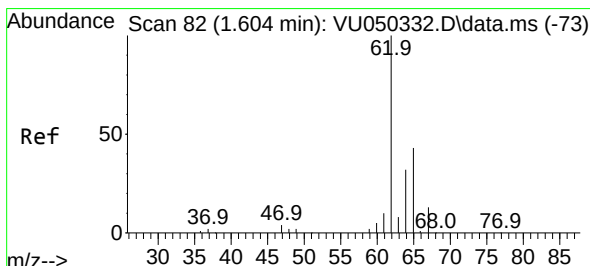
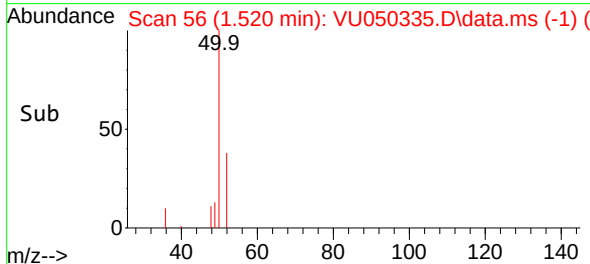
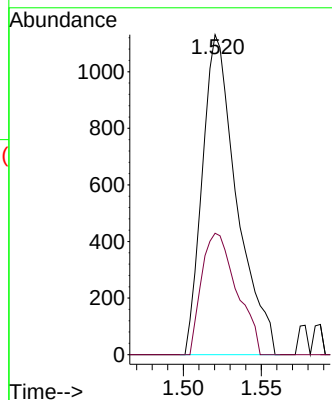
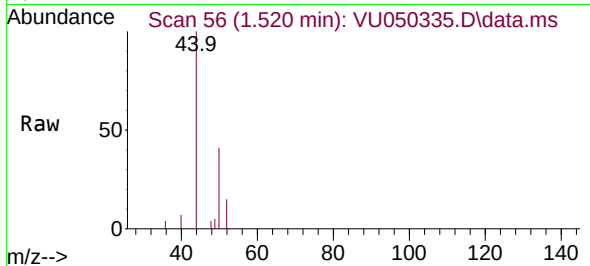




#3
Chloromethane
Concen: 0.154 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050335.D
Acq: 15 Aug 2022 12:44

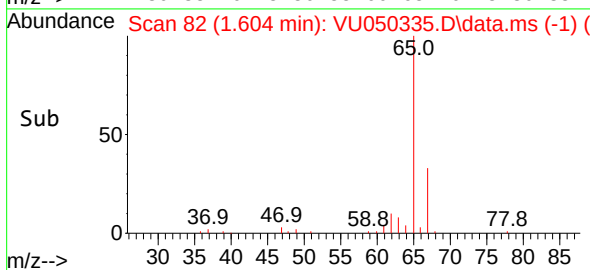
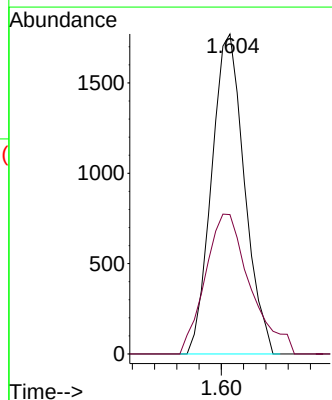
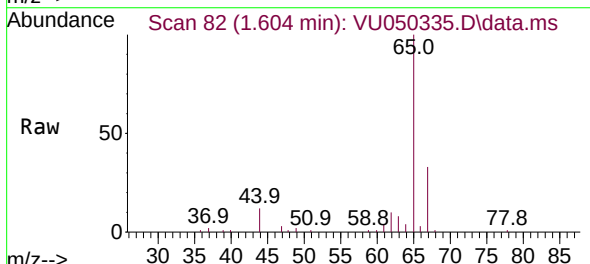
Instrument :
MSVOA_U
ClientSampleId :

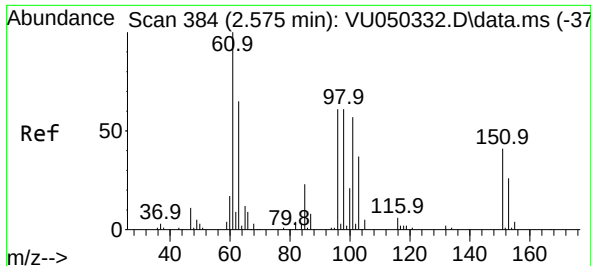
Tgt Ion: 50 Resp: 1731
Ion Ratio Lower Upper
50 100
52 37.9 23.2 43.2



#5
Vinyl chloride
Concen: 0.180 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU050335.D
Acq: 15 Aug 2022 12:44

Tgt Ion: 62 Resp: 1811
Ion Ratio Lower Upper
62 100
64 43.5 22.8 42.4#





#10

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

Concen: 0.058 ug/L

RT: 2.562 min Scan# 31

Delta R.T. -0.013 min

Lab File: VU050335.D

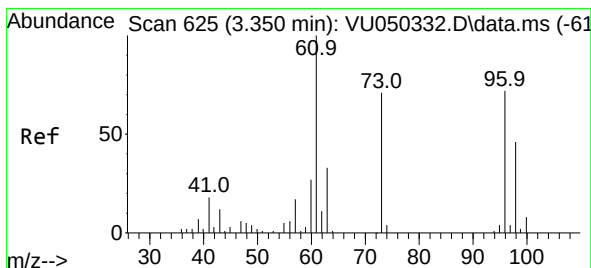
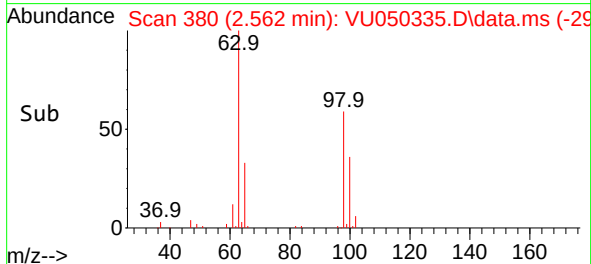
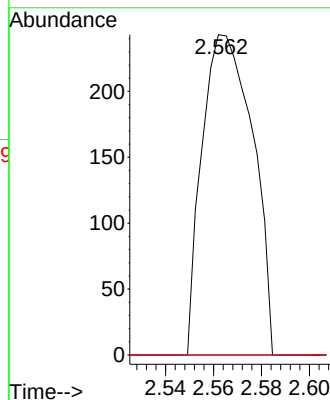
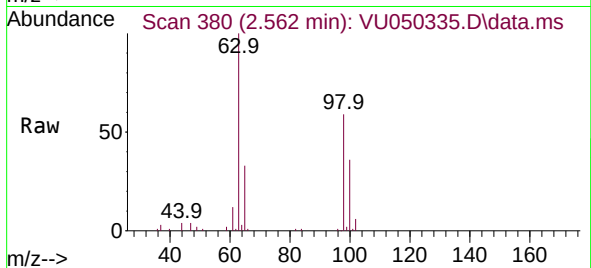
Acq: 15 Aug 2022 12:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	356
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: 0.089 ug/L

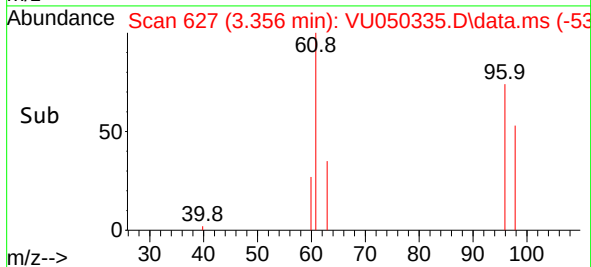
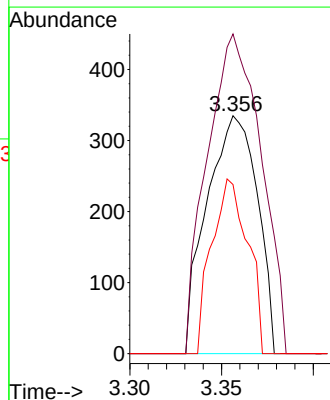
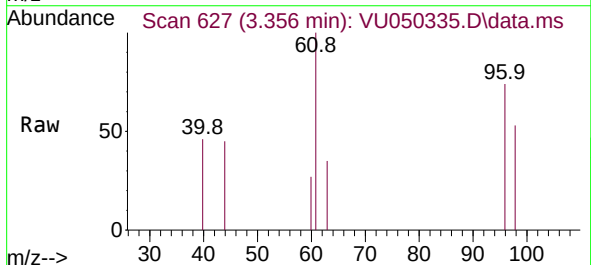
RT: 3.356 min Scan# 627

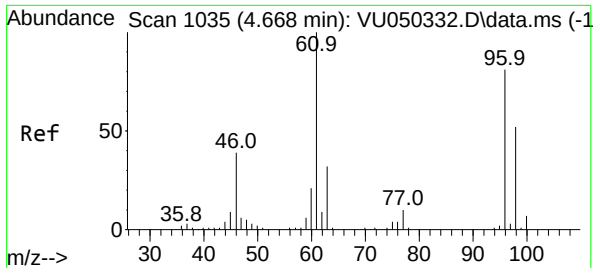
Delta R.T. 0.006 min

Lab File: VU050335.D

Acq: 15 Aug 2022 12:44

Tgt Ion:	96	Resp:	642
Ion	Ratio	Lower	Upper
96	100		
61	134.3	92.3	171.5
98	71.0	43.2	80.2

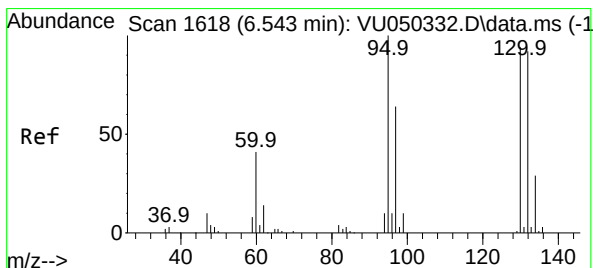
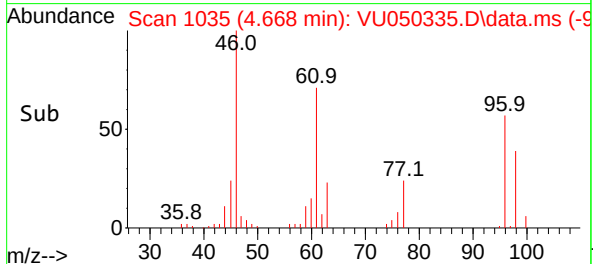
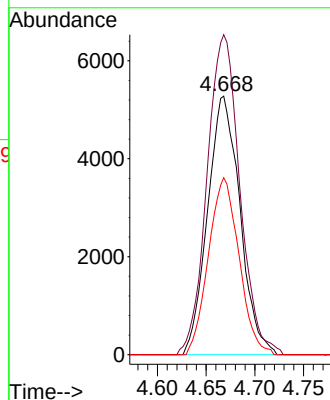
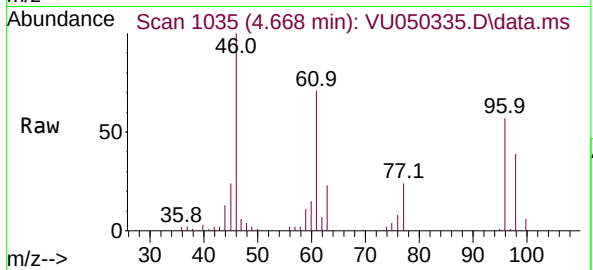




#22
 cis-1,2-Dichloroethene
 Concen: 1.519 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050335.D
 Acq: 15 Aug 2022 12:44

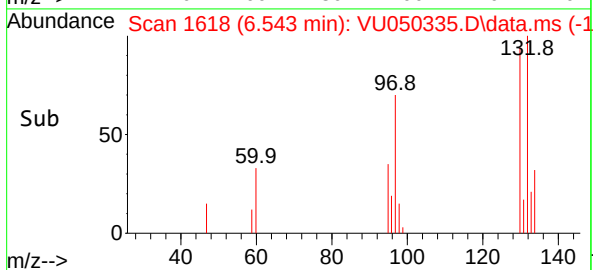
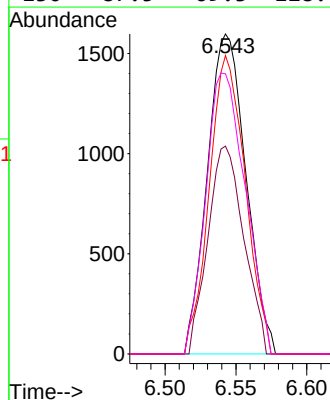
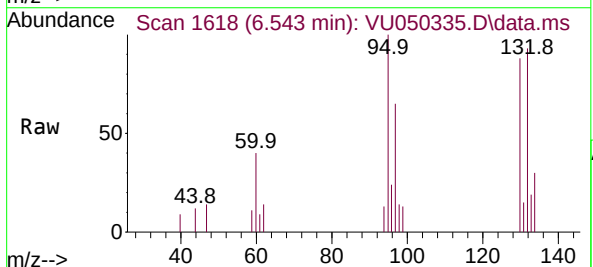
Instrument :
 MSVOA_U
 ClientSampleId :

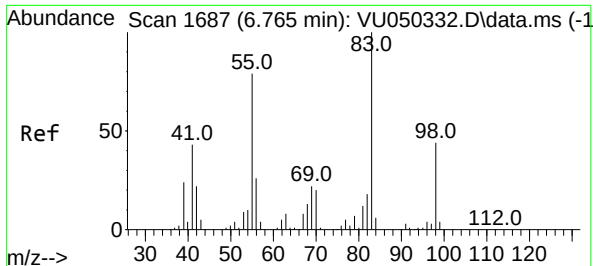
Tgt Ion:	96	Resp:	12213
Ion	Ratio	Lower	Upper
96	100		
61	123.8	89.0	165.4
98	68.4	45.2	84.0



#34
 Trichloroethene
 Concen: 0.375 ug/L
 RT: 6.543 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: VU050335.D
 Acq: 15 Aug 2022 12:44

Tgt Ion:	95	Resp:	3026
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.6	84.8
132	93.2	65.0	120.6
130	87.5	69.3	128.7





#35

Methylcyclohexane

Concen: 0.968 ug/L

RT: 6.691 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU050335.D

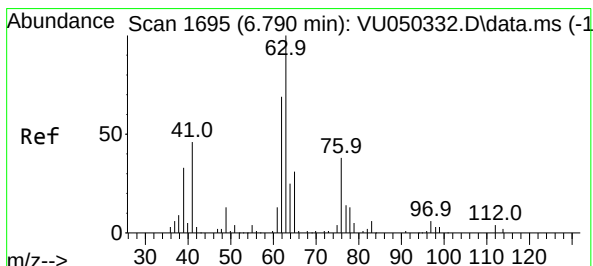
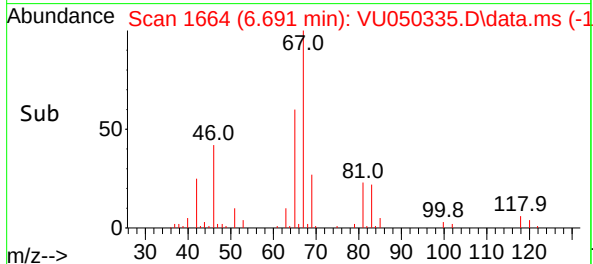
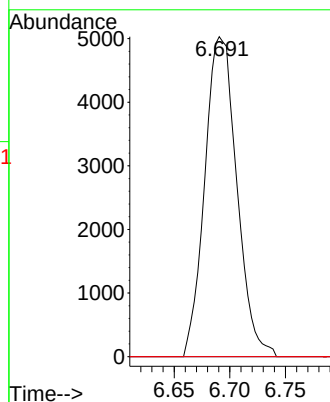
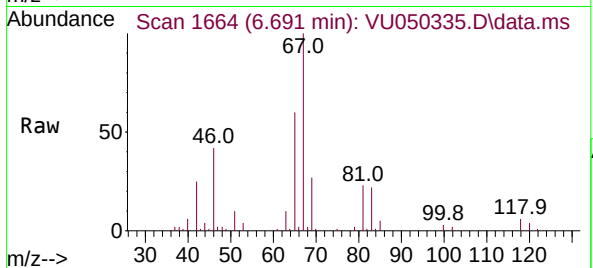
Acq: 15 Aug 2022 12:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 10070
Ion Ratio	Lower Upper
83	100
55	0.0 62.7 94.1#
98	2.3 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.514 ug/L

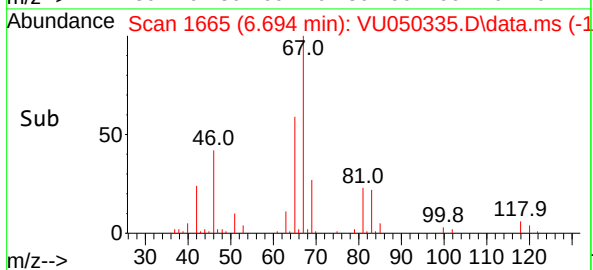
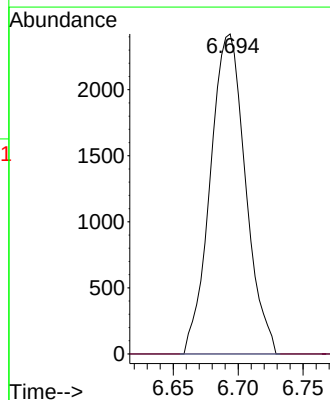
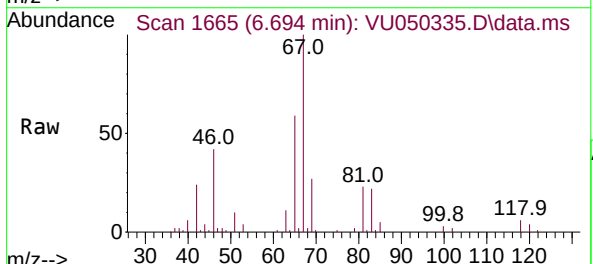
RT: 6.694 min Scan# 1665

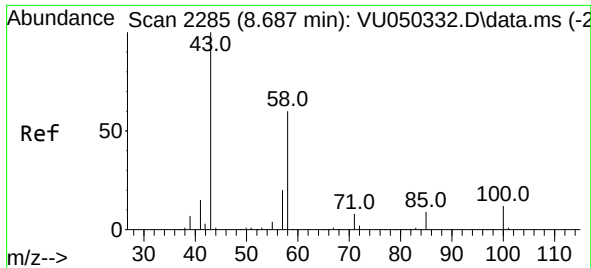
Delta R.T. -0.097 min

Lab File: VU050335.D

Acq: 15 Aug 2022 12:44

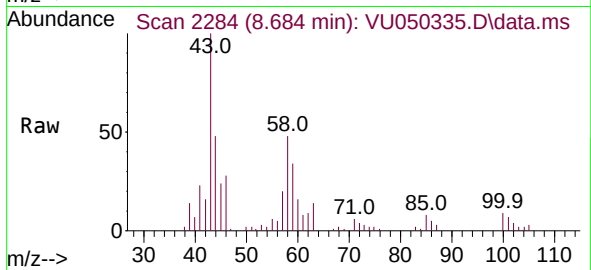
Tgt Ion: 63	Resp: 4566
Ion Ratio	Lower Upper
63	100
112	0.0 3.0 4.4#



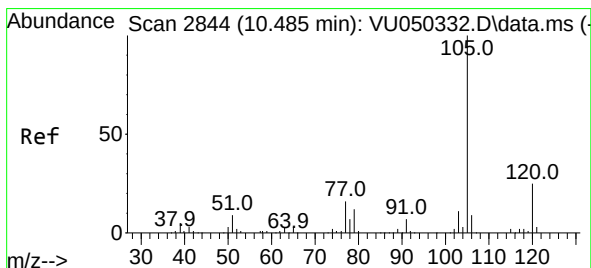
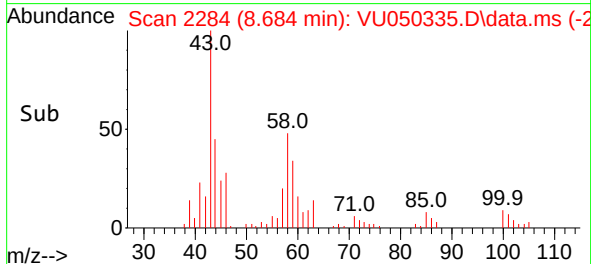
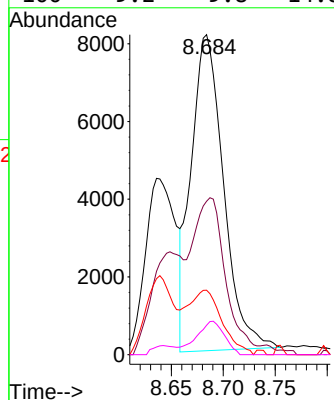


#48
2-Hexanone
Concen: 4.434 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050335.D
Acq: 15 Aug 2022 12:44

Instrument :
MSVOA_U
ClientSampleId :

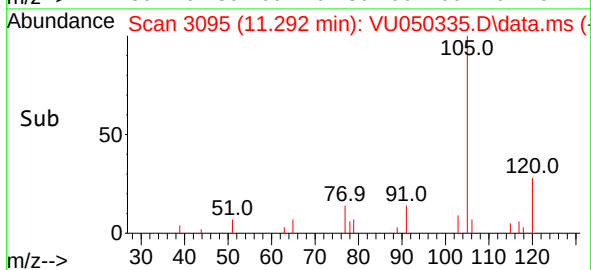
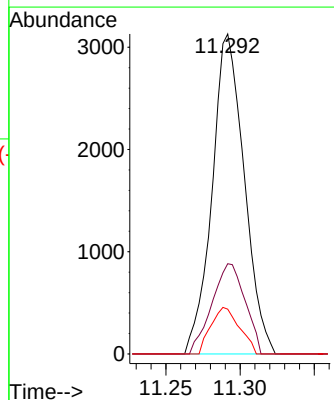
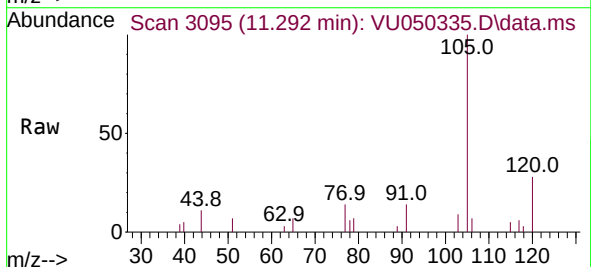


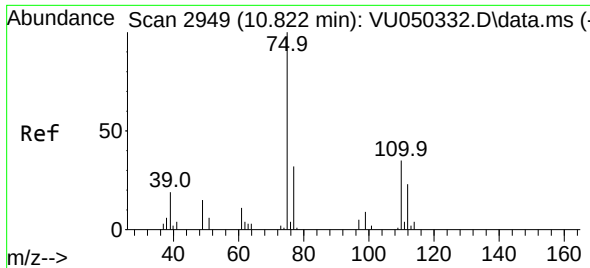
Tgt Ion:	43	Resp:	17632
Ion	Ratio	Lower	Upper
43	100		
58	45.2	50.6	76.0#
57	20.5	16.0	24.0
100	9.2	9.8	14.8#



#60
Isopropylbenzene
Concen: 0.190 ug/L
RT: 11.292 min Scan# 3095
Delta R.T. 0.807 min
Lab File: VU050335.D
Acq: 15 Aug 2022 12:44

Tgt Ion:	105	Resp:	4701
Ion	Ratio	Lower	Upper
105	100		
120	29.1	20.8	31.2
77	13.0	12.6	19.0

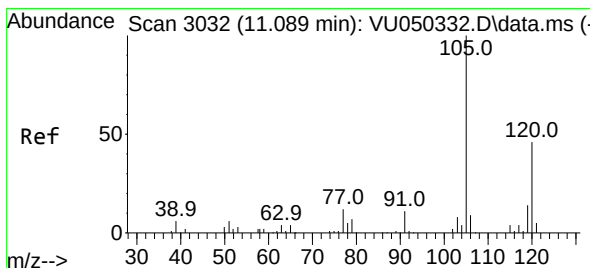
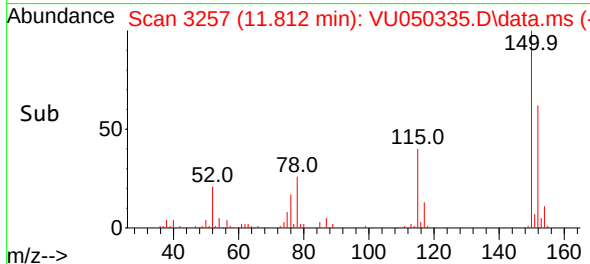
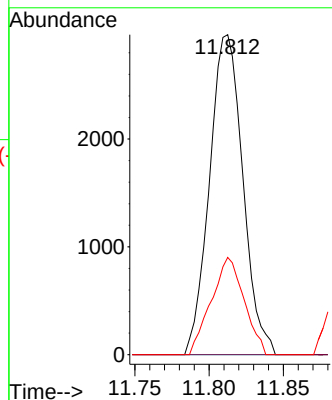
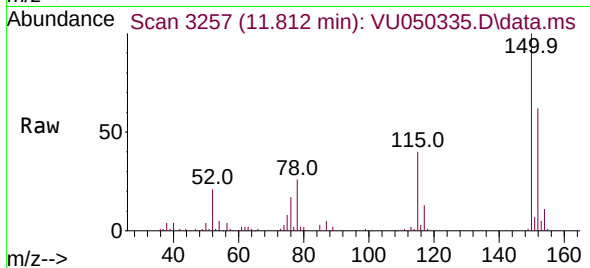




#61
1,2,3-Trichloropropane
Concen: 0.917 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU050335.D
Acq: 15 Aug 2022 12:44

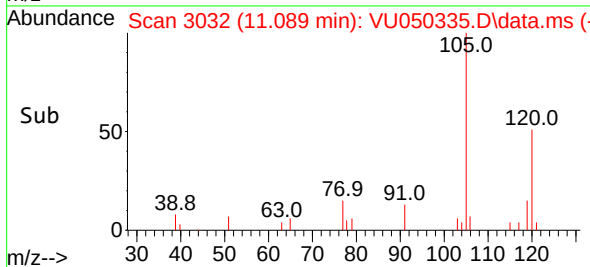
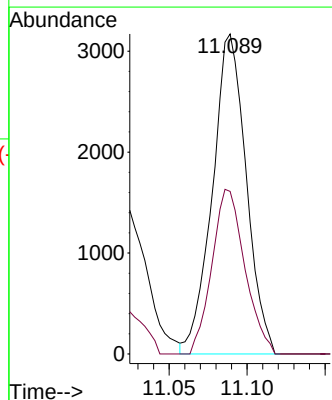
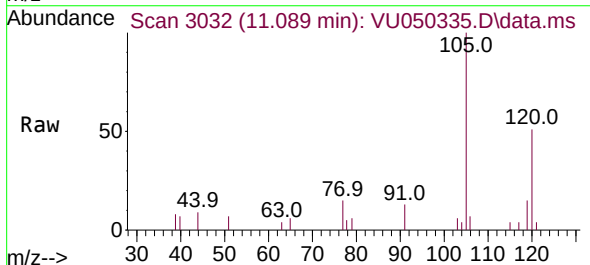
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MSVOA_U
ClientSampleId :

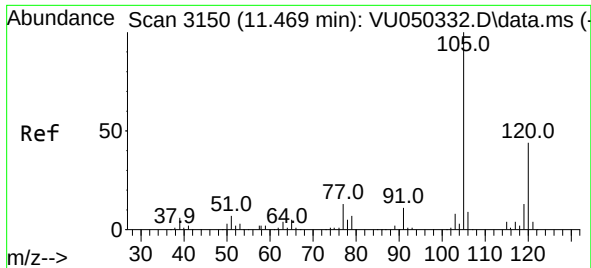
Tgt Ion: 75 Resp: 4630
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 30.0 25.8 38.6



#62
1,3,5-Trimethylbenzene
Concen: 0.683 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU050335.D
Acq: 15 Aug 2022 12:44

Tgt Ion: 105 Resp: 4780
Ion Ratio Lower Upper
105 100
120 50.0 38.9 58.3





#63
 1,2,4-Trimethylbenzene
 Concen: 0.268 ug/L
 RT: 11.468 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU050335.D
 Acq: 15 Aug 2022 12:44

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:105 Resp: 5111
 Ion Ratio Lower Upper
 105 100
 120 41.1 35.9 53.9

