

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU050019.D
 Acq On : 29 Jul 2022 05:29
 Operator : SY/MD
 Sample : N3890-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YBEA5

Quant Time: Jul 29 06:43:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 05:04:48 2022
 Response via : Initial Calibration

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

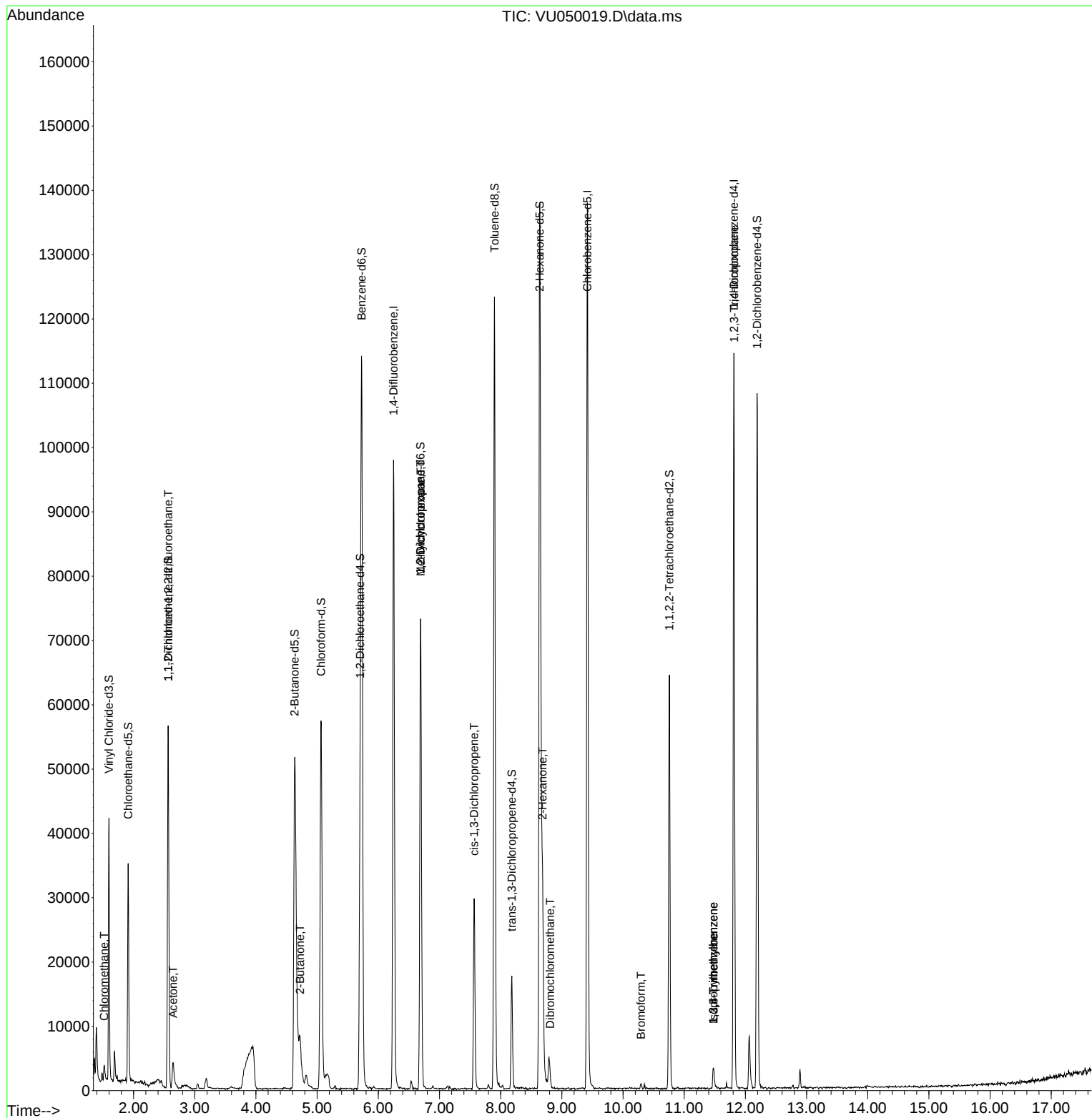
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	81068	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	80438	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	31994	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29045	4.173	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.400%	
7) Chloroethane-d5	1.912	69	24448	4.890	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.800%	
11) 1,1-Dichloroethene-d2	2.565	65	10740	4.477	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.600%	
20) 2-Butanone-d5	4.633	46	82740	53.400	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.800%	
24) Chloroform-d	5.063	84	56538	4.909	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.703	65	29346	5.056	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	5.729	84	111029	4.671	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
36) 1,2-Dichloropropane-d6	6.690	67	38083	4.891	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.899	98	86434	4.091	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.800%	
43) trans-1,3-Dichloroprop...	8.182	79	11169	4.092	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.800%	
46) 2-Hexanone-d5	8.636	63	42266	41.370	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.740%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33490	5.119	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	29967	5.050	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.000%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2319	0.313	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	235	0.049	ug/L #	21
13) Acetone	2.646	43	6254	5.742	ug/L	91
21) 2-Butanone	4.723	43	10256	6.538	ug/L	99
35) Methylcyclohexane	6.694	83	8637	1.147	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	3929	0.607	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	762	0.091	ug/L	93
48) 2-Hexanone	8.684	43	17422	6.114	ug/L #	90
49) Dibromochloromethane	8.809	129	706	0.133	ug/L	98
59) Bromoform	10.295	173	517	0.201	ug/L #	79
60) Isopropylbenzene	11.478	105	1749	0.093	ug/L #	1
61) 1,2,3-Trichloropropane	11.816	75	3671	0.988	ug/L #	64
62) 1,3,5-Trimethylbenzene	11.478	105	1749	0.114	ug/L #	29
63) 1,2,4-Trimethylbenzene	11.478	105	1749	0.118	ug/L #	32

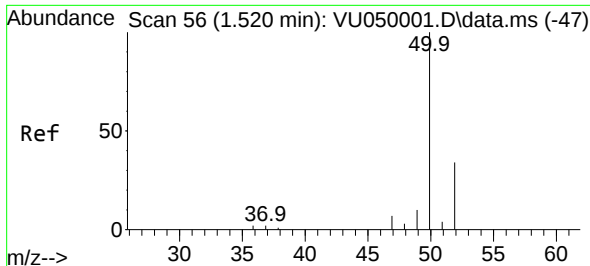
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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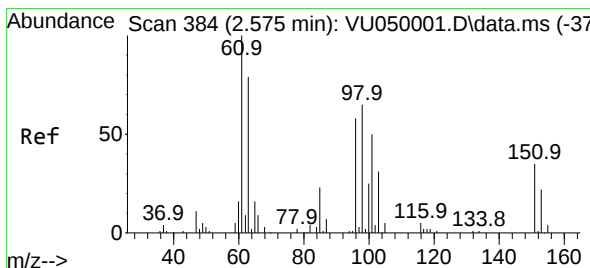
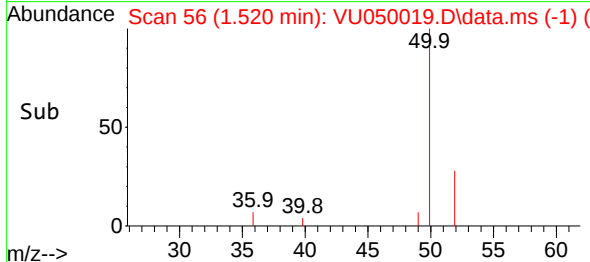
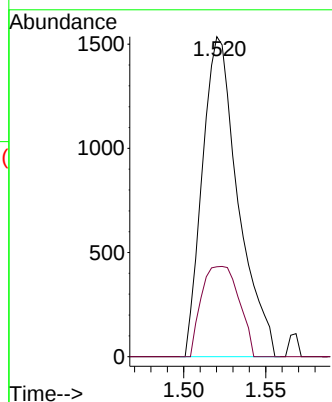
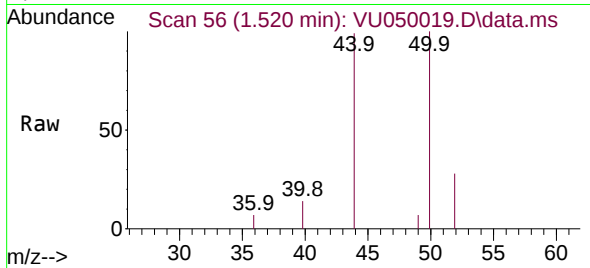




#3
Chloromethane
Concen: 0.313 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050019.D
Acq: 29 Jul 2022 05:29

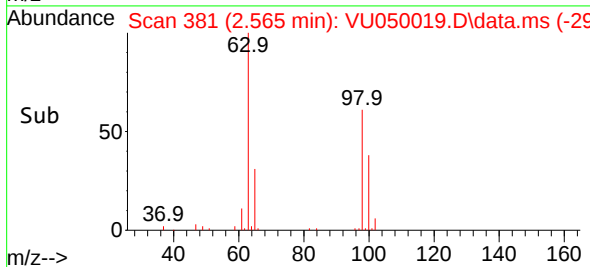
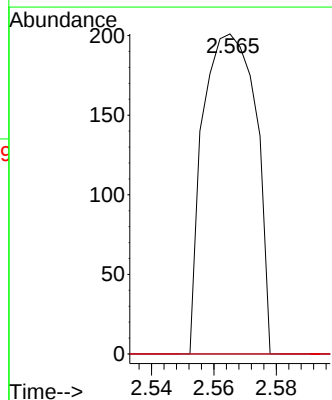
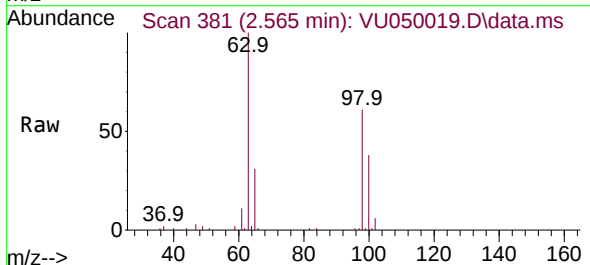
Instrument :
MSVOA_U
ClientSampleId :
YBEA5

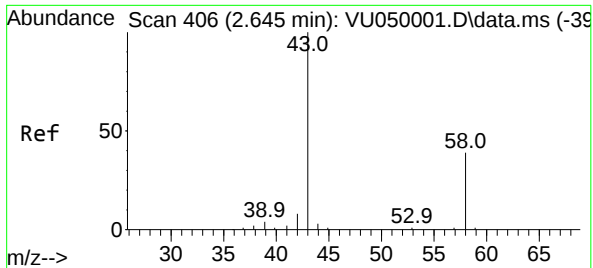
Tgt Ion: 50 Resp: 2319
Ion Ratio Lower Upper
50 100
52 28.1 22.4 41.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.049 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.009 min
Lab File: VU050019.D
Acq: 29 Jul 2022 05:29

Tgt Ion: 101 Resp: 235
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#





#13

Acetone

Concen: 5.742 ug/L

RT: 2.646 min Scan# 406

Delta R.T. 0.000 min

Lab File: VU050019.D

Acq: 29 Jul 2022 05:29

Instrument :

MSVOA_U

ClientSampleId :

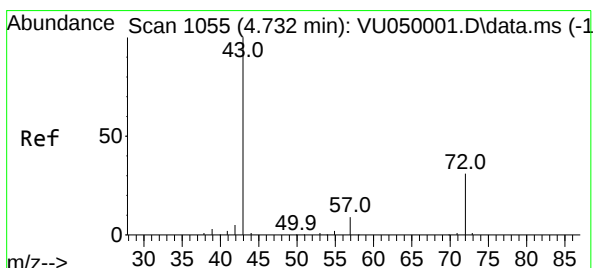
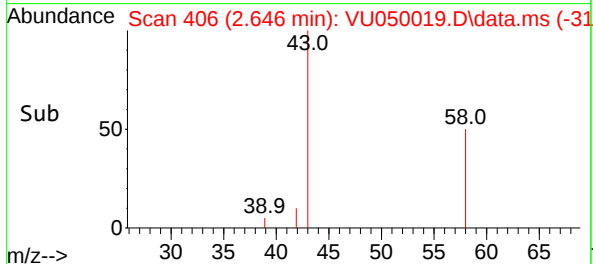
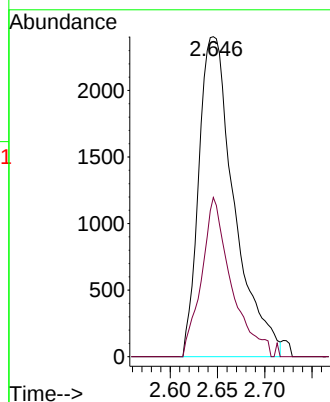
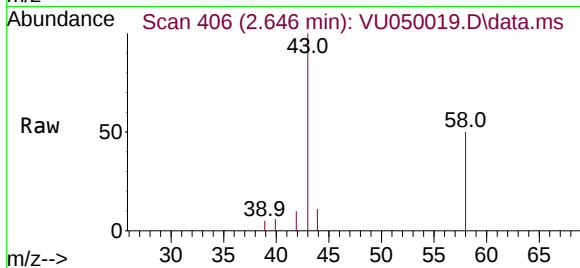
YBEA5

Tgt Ion: 43 Resp: 6254

Ion Ratio Lower Upper

43 100

58 41.7 0.0 73.0



#21

2-Butanone

Concen: 6.538 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. -0.009 min

Lab File: VU050019.D

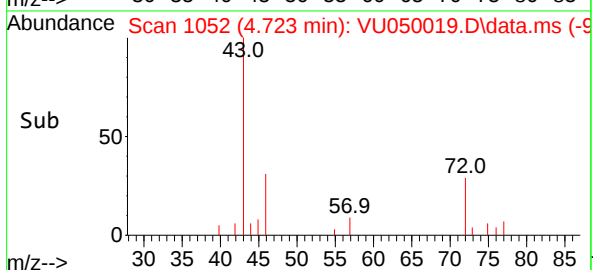
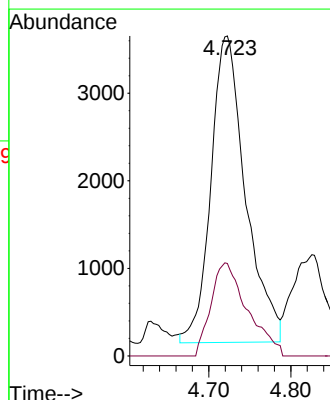
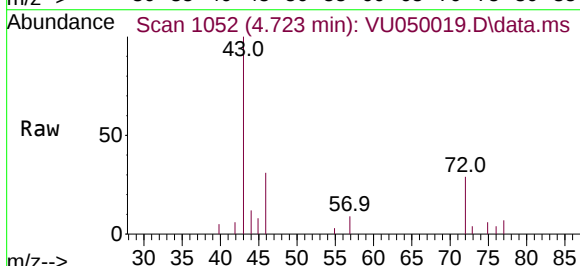
Acq: 29 Jul 2022 05:29

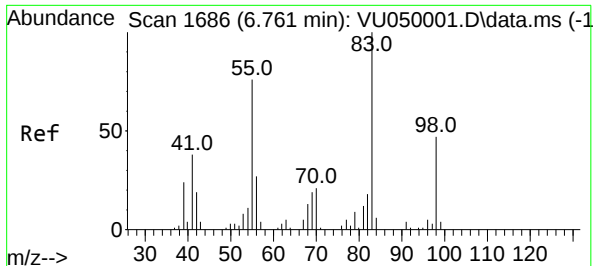
Tgt Ion: 43 Resp: 10256

Ion Ratio Lower Upper

43 100

72 32.0 15.8 47.3





#35

Methylcyclohexane

Concen: 1.147 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.067 min

Lab File: VU050019.D

Acq: 29 Jul 2022 05:29

Instrument :

MSVOA_U

ClientSampleId :

YBEA5

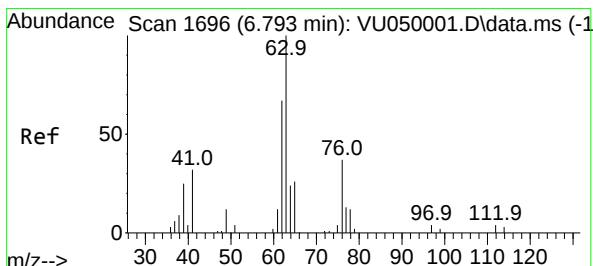
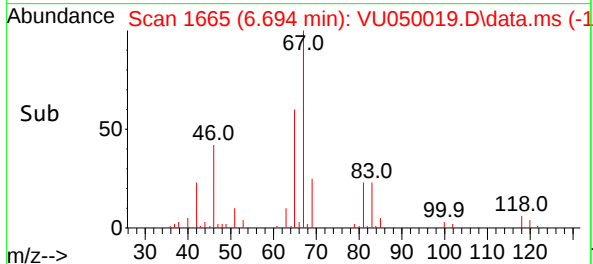
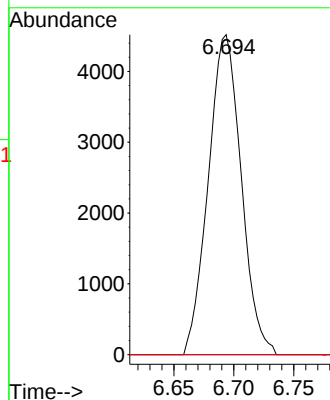
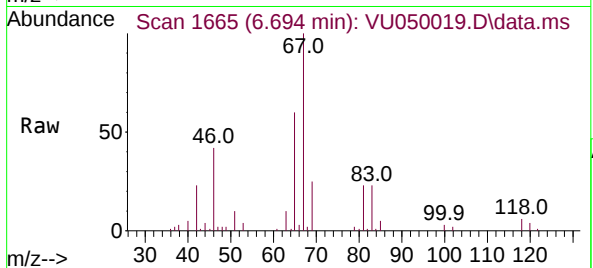
Tgt Ion: 83 Resp: 8637

Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.0 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.607 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU050019.D

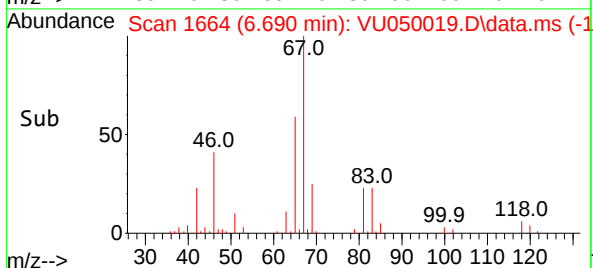
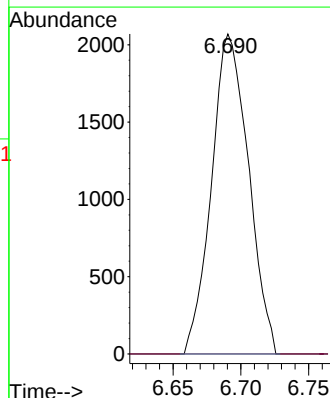
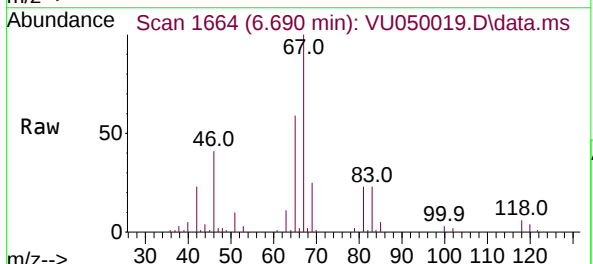
Acq: 29 Jul 2022 05:29

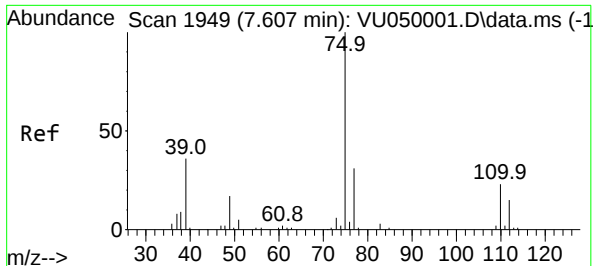
Tgt Ion: 63 Resp: 3929

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU050019.D

Acq: 29 Jul 2022 05:29

Instrument :

MSVOA_U

ClientSampleId :

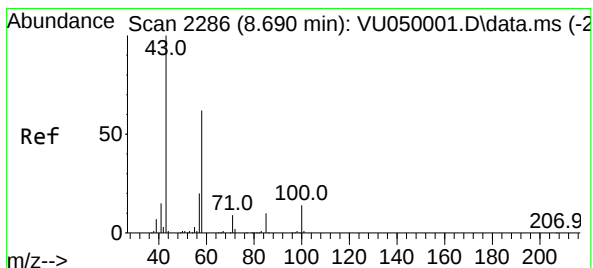
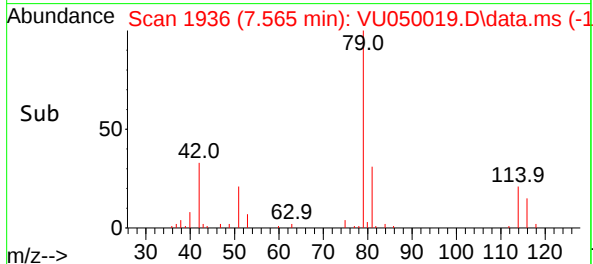
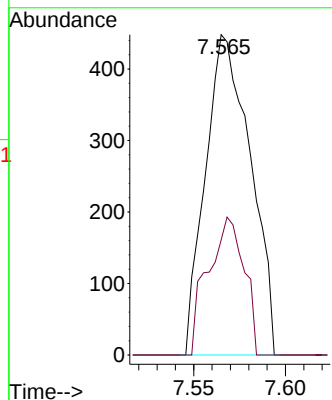
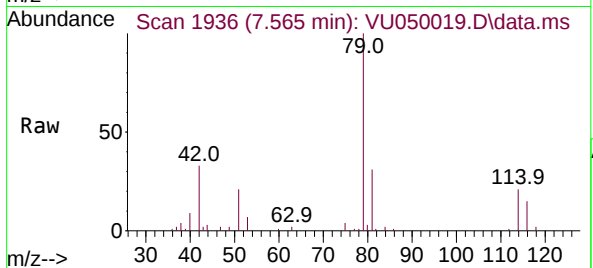
YBEA5

Tgt Ion: 75 Resp: 762

Ion Ratio Lower Upper

75 100

77 35.9 22.5 41.9



#48

2-Hexanone

Concen: 6.114 ug/L

RT: 8.684 min Scan# 2284

Delta R.T. -0.006 min

Lab File: VU050019.D

Acq: 29 Jul 2022 05:29

Tgt Ion: 43 Resp: 17422

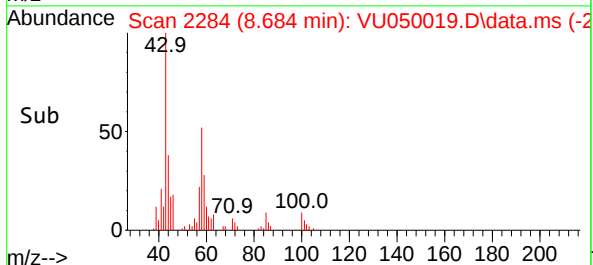
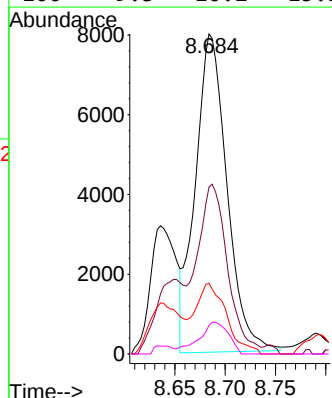
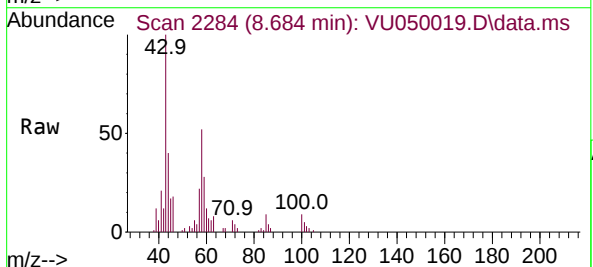
Ion Ratio Lower Upper

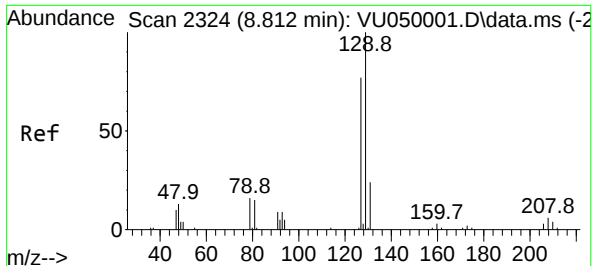
43 100

58 51.0 49.4 74.0

57 21.8 17.0 25.4

100 9.3 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.133 ug/L

RT: 8.809 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU050019.D

Acq: 29 Jul 2022 05:29

Instrument :

MSVOA_U

ClientSampleId :

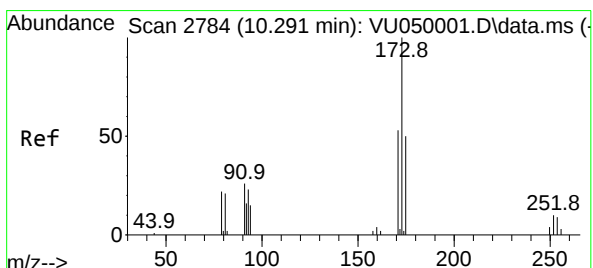
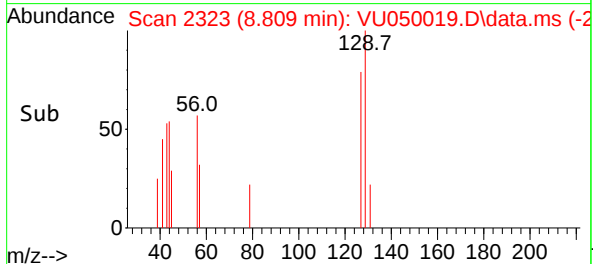
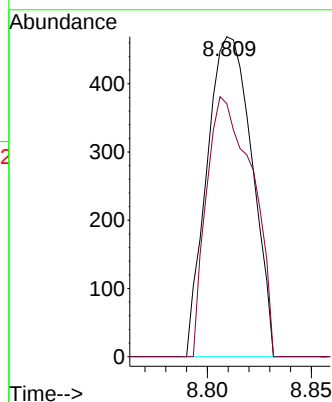
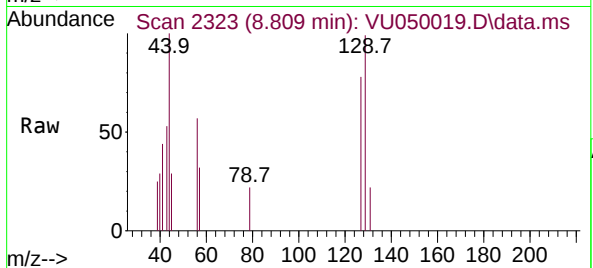
YBEA5

Tgt Ion:129 Resp: 706

Ion Ratio Lower Upper

129 100

127 79.1 54.5 101.1



#59

Bromoform

Concen: 0.201 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.003 min

Lab File: VU050019.D

Acq: 29 Jul 2022 05:29

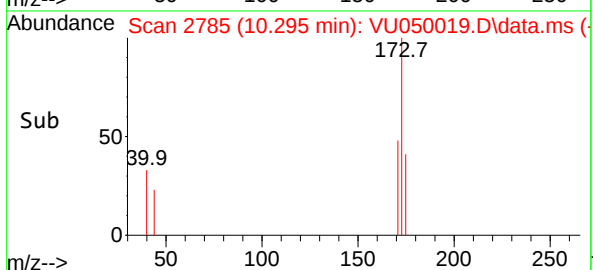
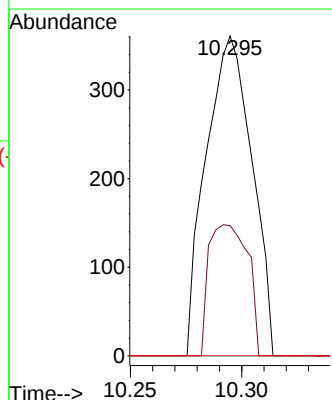
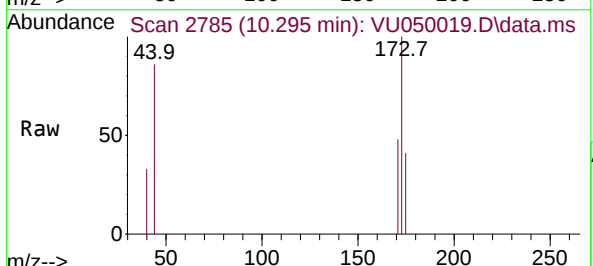
Tgt Ion:173 Resp: 517

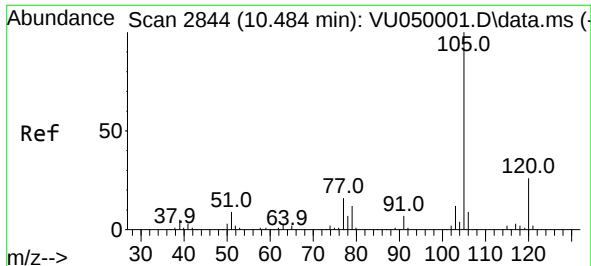
Ion Ratio Lower Upper

173 100

175 34.8 39.1 58.7#

254 0.0 7.5 11.3#

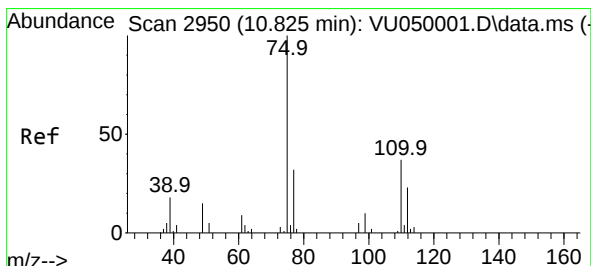
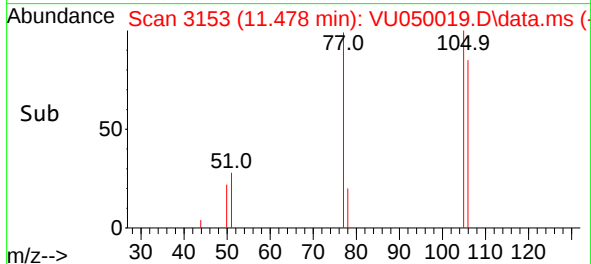
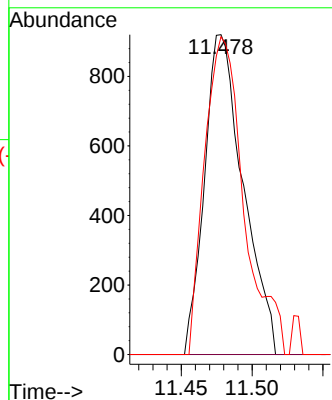
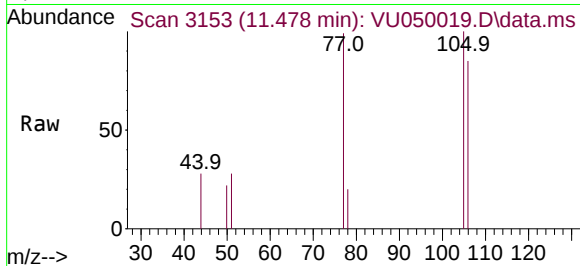




#60
Isopropylbenzene
Concen: 0.093 ug/L
RT: 11.478 min Scan# 3153
Delta R.T. 0.994 min
Lab File: VU050019.D
Acq: 29 Jul 2022 05:29

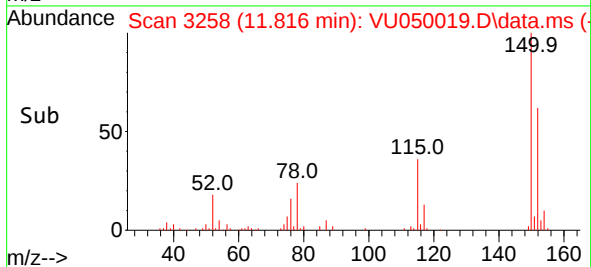
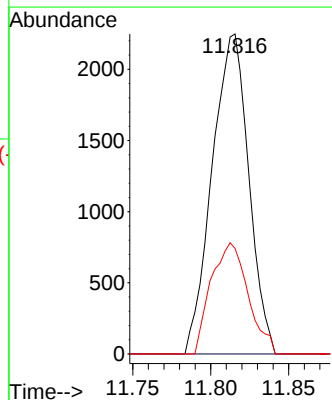
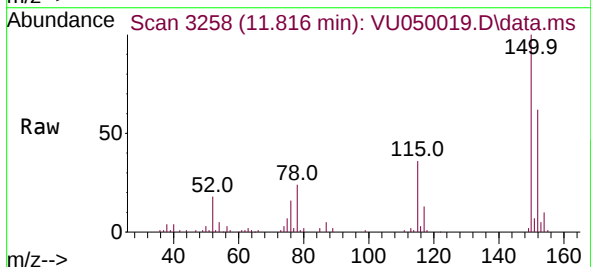
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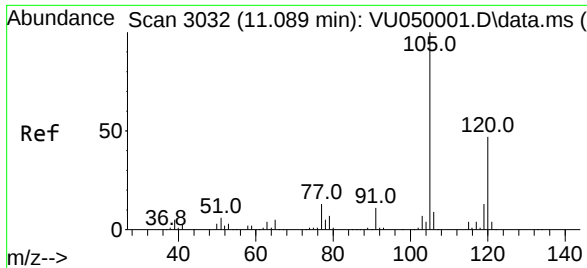
Tgt Ion:105 Resp: 1749
Ion Ratio Lower Upper
105 100
120 0.0 20.5 30.7#
77 101.1 12.6 18.8#



#61
1,2,3-Trichloropropane
Concen: 0.988 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU050019.D
Acq: 29 Jul 2022 05:29

Tgt Ion: 75 Resp: 3671
Ion Ratio Lower Upper
75 100
110 0.0 28.1 42.1#
77 35.1 24.7 37.1

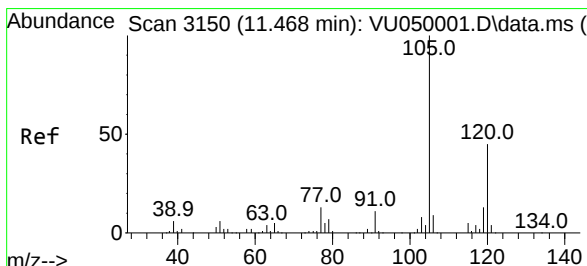
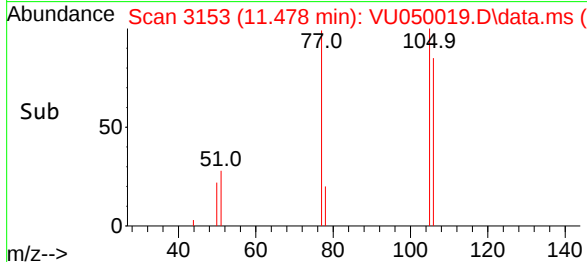
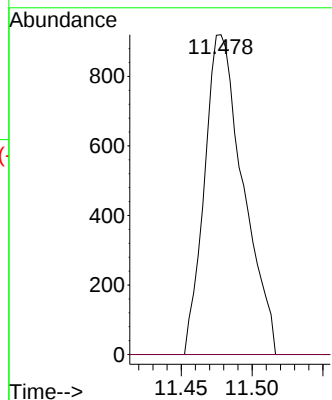
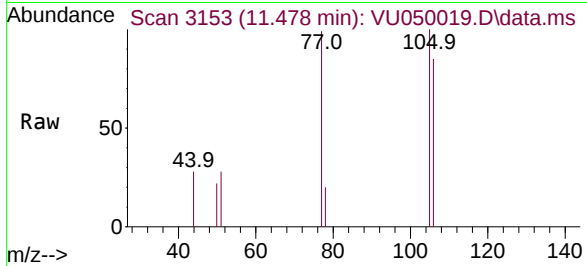




#62
1,3,5-Trimethylbenzene
Concen: 0.114 ug/L
RT: 11.478 min Scan# 3153
Delta R.T. 0.389 min
Lab File: VU050019.D
Acq: 29 Jul 2022 05:29

Instrument :
MSVOA_U
ClientSampleId :
YBEA5

Tgt Ion:105 Resp: 1749
Ion Ratio Lower Upper
105 100
120 0.0 38.2 57.4#



#63
1,2,4-Trimethylbenzene
Concen: 0.118 ug/L
RT: 11.478 min Scan# 3153
Delta R.T. 0.010 min
Lab File: VU050019.D
Acq: 29 Jul 2022 05:29

Tgt Ion:105 Resp: 1749
Ion Ratio Lower Upper
105 100
120 0.0 35.4 53.2#

