

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU050018.D
 Acq On : 29 Jul 2022 05:05
 Operator : SY/MD
 Sample : N3890-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

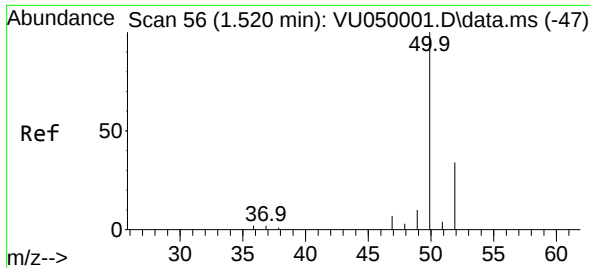
Instrument :
 MSVOA_U
 ClientSampleId :
 YBEA4

Quant Time: Jul 29 06:42:50 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	77170	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	77875	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30133	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29537	4.458	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.912	69	24818	5.215	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.565	65	10601	4.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.636	46	85083	57.686	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.380%
24) Chloroform-d	5.063	84	58155	5.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.703	65	30202	5.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
32) Benzene-d6	5.729	84	113024	4.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.690	67	38525	5.110	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.899	98	88283	4.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.182	79	11293	4.274	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.636	63	44759	45.252	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.500%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33977	5.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	30048	5.376	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2233	0.316	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	299	0.065	ug/L #	21
13) Acetone	2.646	43	6484	6.254	ug/L	96
21) 2-Butanone	4.723	43	11169	7.480	ug/L	94
34) Trichloroethene	6.546	95	1340	0.243	ug/L	84
35) Methylcyclohexane	6.690	83	8612	1.182	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	3627	0.579	ug/L #	88
48) 2-Hexanone	8.687	43	17444	6.323	ug/L #	89
49) Dibromochloromethane	8.555	129	281	0.055	ug/L #	10
60) Isopropylbenzene	11.475	105	1584	0.089	ug/L #	1
61) 1,2,3-Trichloropropane	11.812	75	3589	1.026	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.475	105	1584	0.110	ug/L #	29
63) 1,2,4-Trimethylbenzene	11.475	105	1584	0.113	ug/L #	32

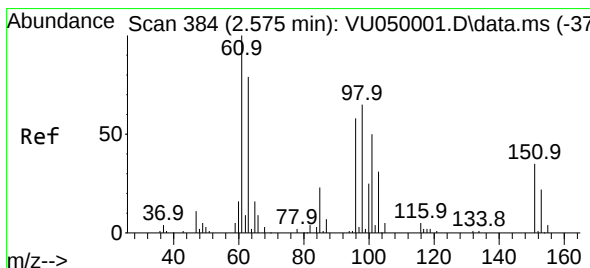
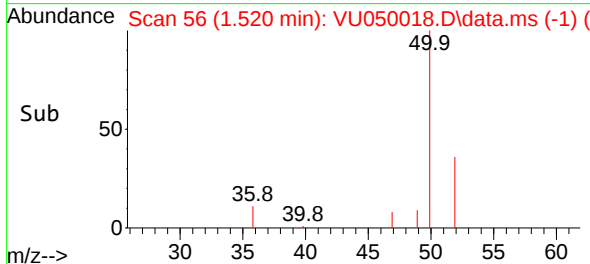
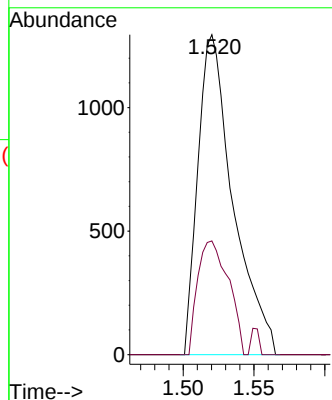
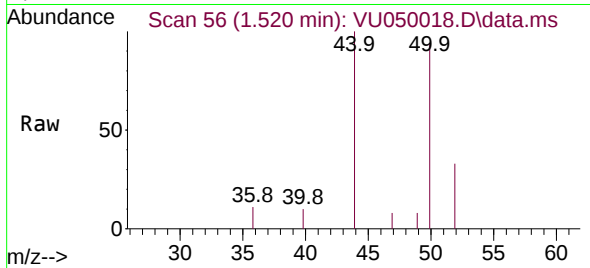
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.316 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050018.D
Acq: 29 Jul 2022 05:05

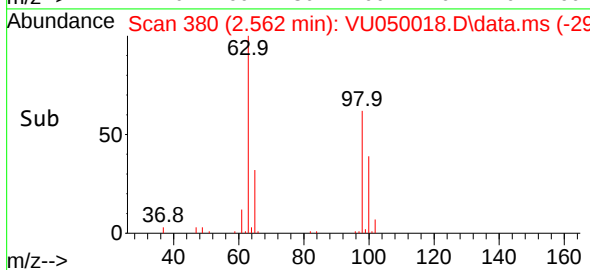
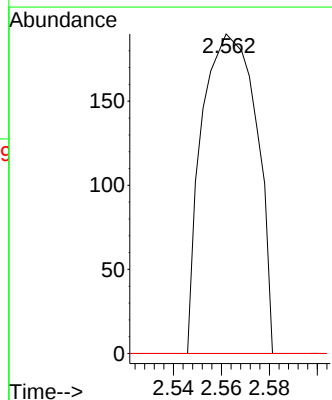
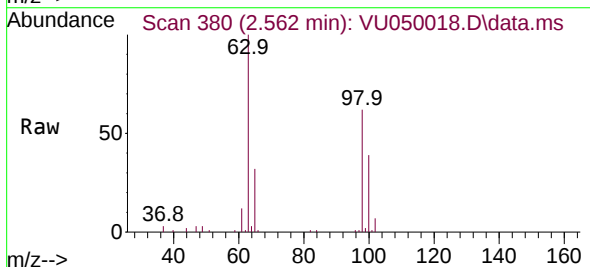
Instrument :
MSVOA_U
ClientSampleId :
YBEA4

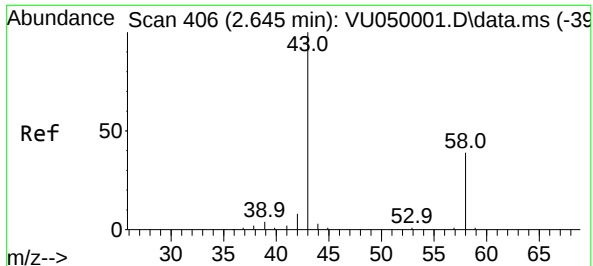
Tgt Ion: 50 Resp: 2233
Ion Ratio Lower Upper
50 100
52 35.5 22.4 41.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.065 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050018.D
Acq: 29 Jul 2022 05:05

Tgt Ion: 101 Resp: 299
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#





#13

Acetone

Concen: 6.254 ug/L

RT: 2.646 min Scan# 406

Delta R.T. 0.000 min

Lab File: VU050018.D

Acq: 29 Jul 2022 05:05

Instrument :

MSVOA_U

ClientSampleId :

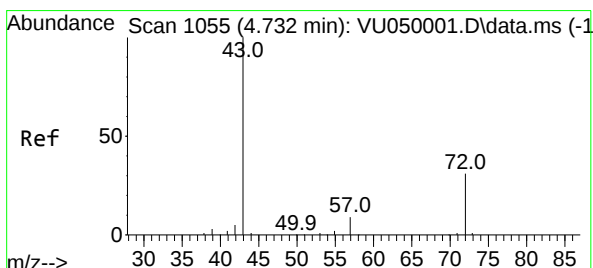
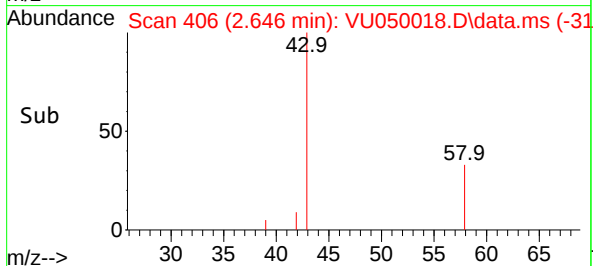
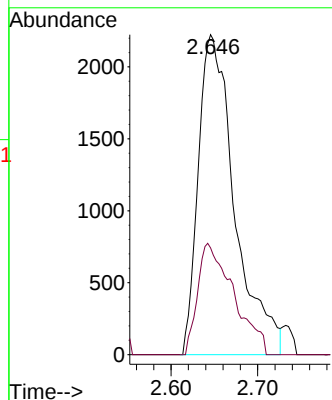
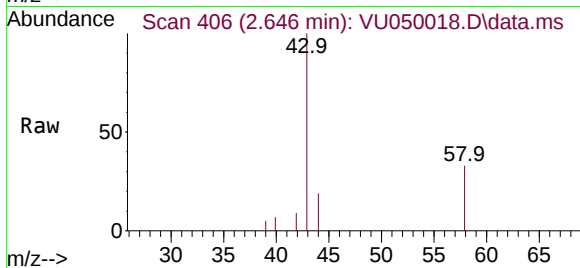
YBEA4

Tgt Ion: 43 Resp: 6484

Ion Ratio Lower Upper

43 100

58 34.4 0.0 73.0



#21

2-Butanone

Concen: 7.480 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. -0.009 min

Lab File: VU050018.D

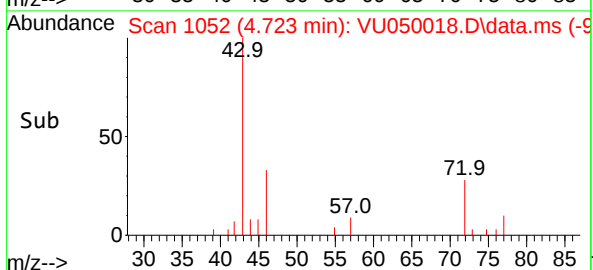
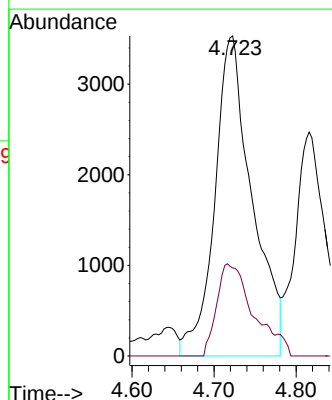
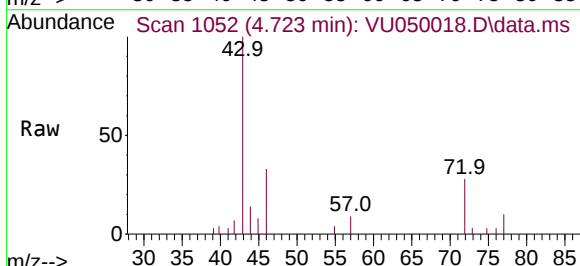
Acq: 29 Jul 2022 05:05

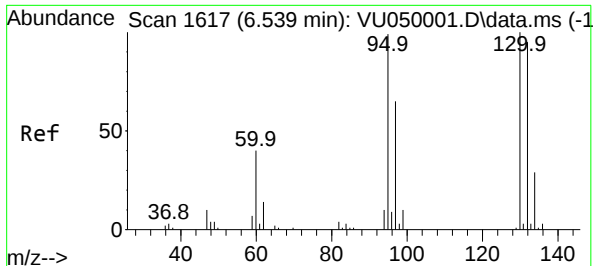
Tgt Ion: 43 Resp: 11169

Ion Ratio Lower Upper

43 100

72 28.4 15.8 47.3



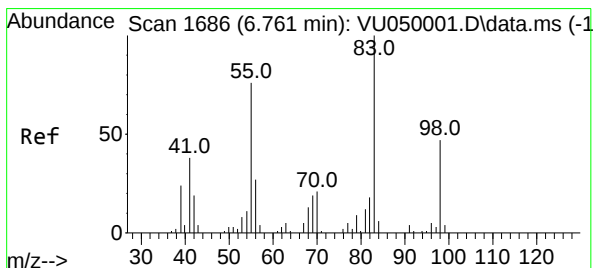
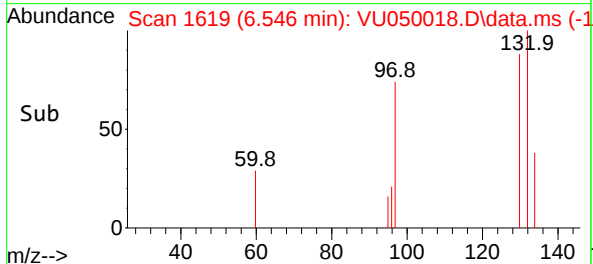
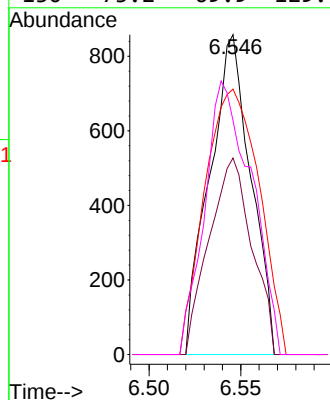
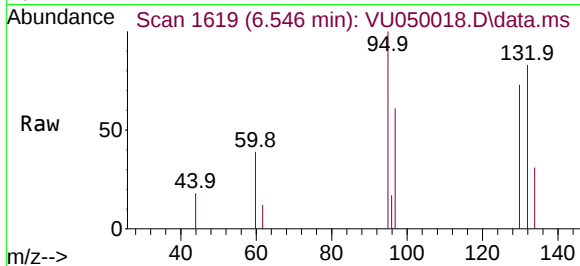


#34
Trichloroethene
Concen: 0.243 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.007 min
Lab File: VU050018.D
Acq: 29 Jul 2022 05:05

Instrument :
MSVOA_U
ClientSampleId :
YBEA4

Tgt Ion: 95 Resp: 1340

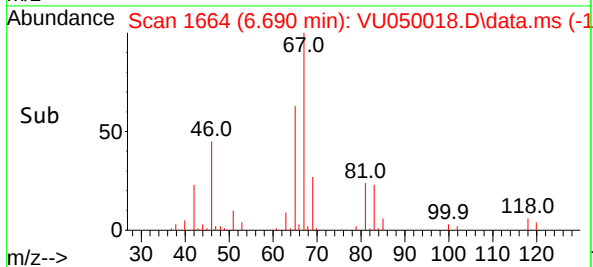
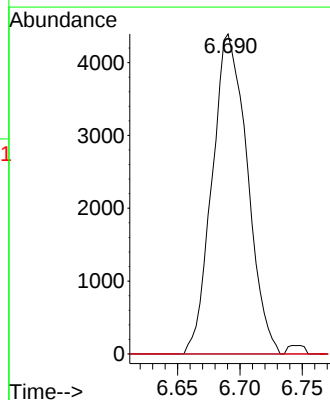
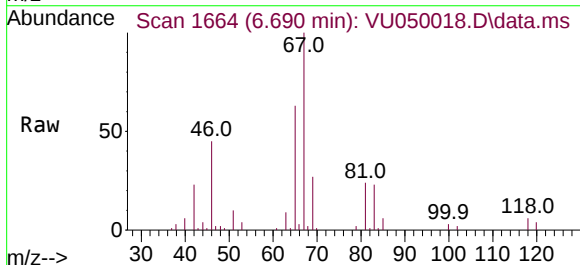
Ion	Ratio	Lower	Upper
95	100		
97	61.4	45.6	84.8
132	83.0	66.8	124.2
130	73.2	69.9	129.7

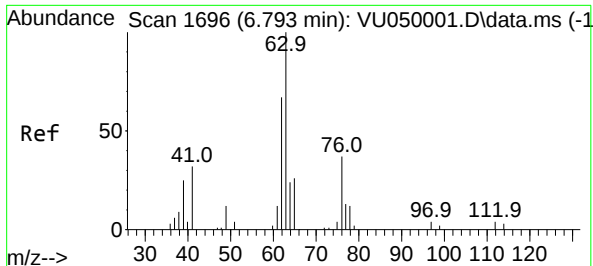


#35
Methylcyclohexane
Concen: 1.182 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU050018.D
Acq: 29 Jul 2022 05:05

Tgt Ion: 83 Resp: 8612

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: 0.579 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU050018.D

Acq: 29 Jul 2022 05:05

Instrument :

MSVOA_U

ClientSampleId :

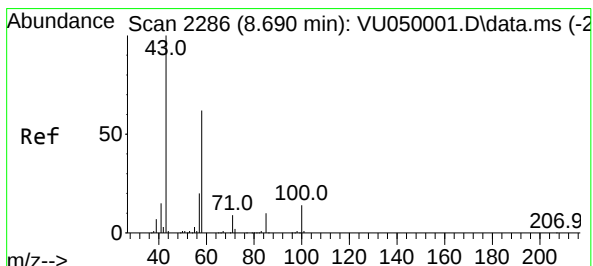
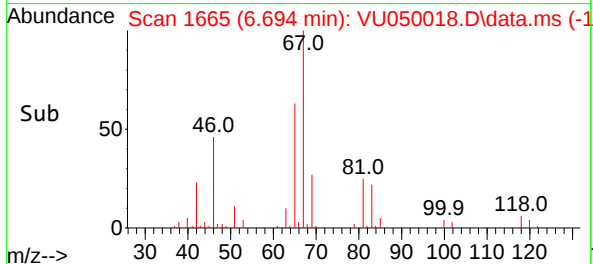
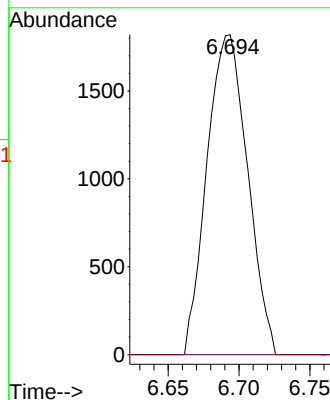
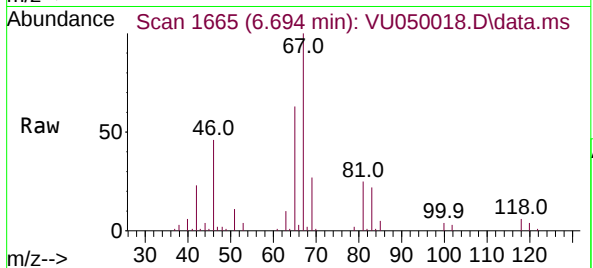
YBEA4

Tgt Ion: 63 Resp: 3627

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#48

2-Hexanone

Concen: 6.323 ug/L

RT: 8.687 min Scan# 2285

Delta R.T. -0.003 min

Lab File: VU050018.D

Acq: 29 Jul 2022 05:05

Tgt Ion: 43 Resp: 17444

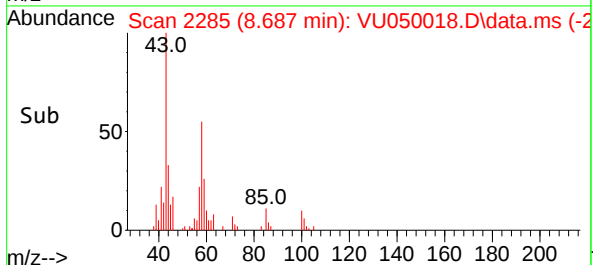
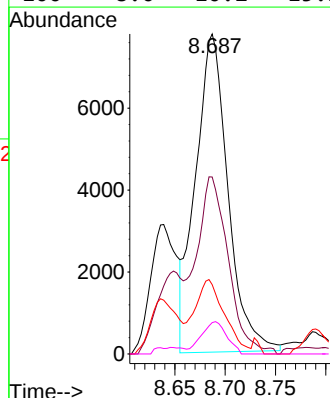
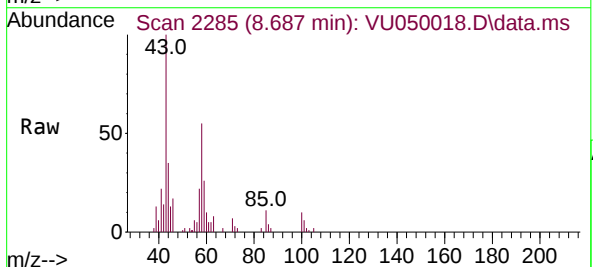
Ion Ratio Lower Upper

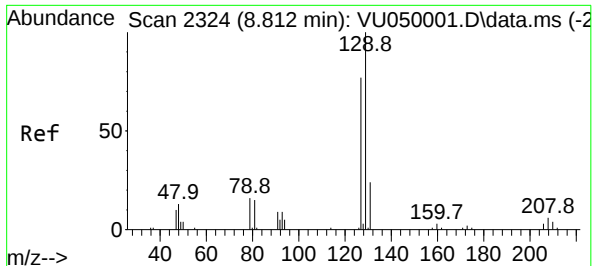
43 100

58 50.3 49.4 74.0

57 21.9 17.0 25.4

100 8.0 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.055 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU050018.D

Acq: 29 Jul 2022 05:05

Instrument :

MSVOA_U

ClientSampleId :

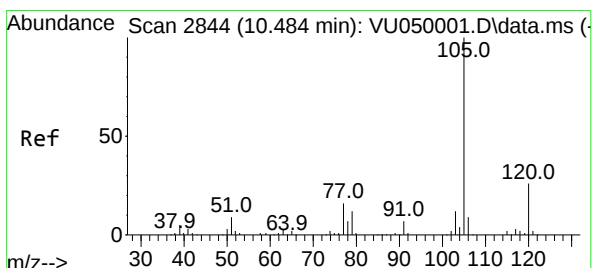
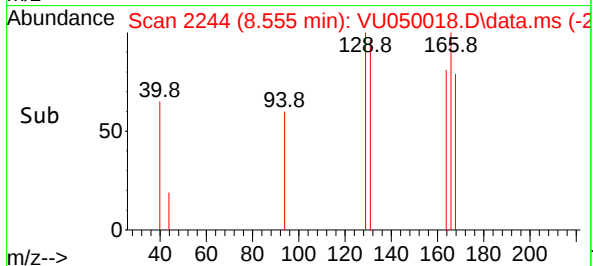
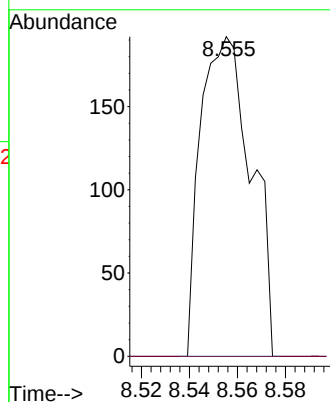
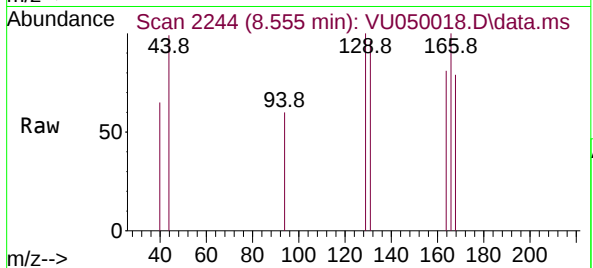
YBEA4

Tgt Ion:129 Resp: 281

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#60

Isopropylbenzene

Concen: 0.089 ug/L

RT: 11.475 min Scan# 3152

Delta R.T. 0.991 min

Lab File: VU050018.D

Acq: 29 Jul 2022 05:05

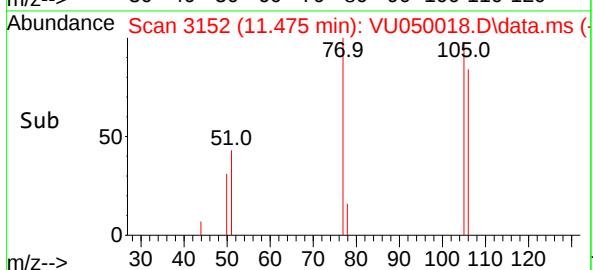
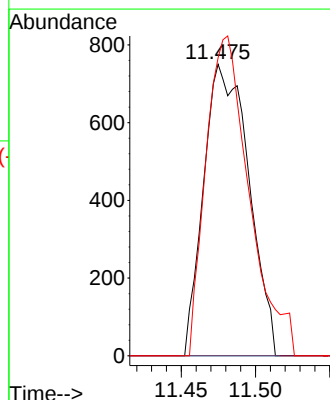
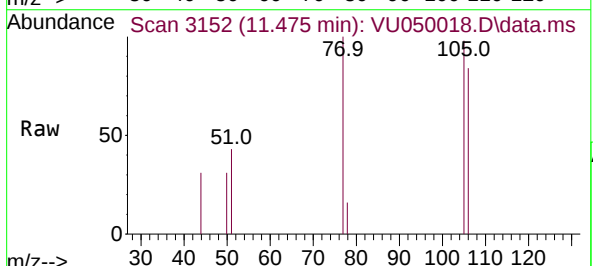
Tgt Ion:105 Resp: 1584

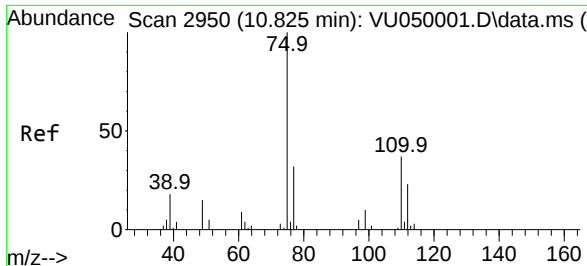
Ion Ratio Lower Upper

105 100

120 0.0 20.5 30.7#

77 105.3 12.6 18.8#

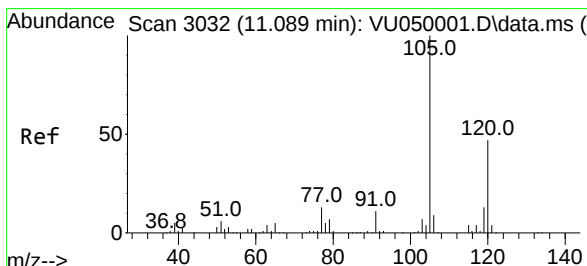
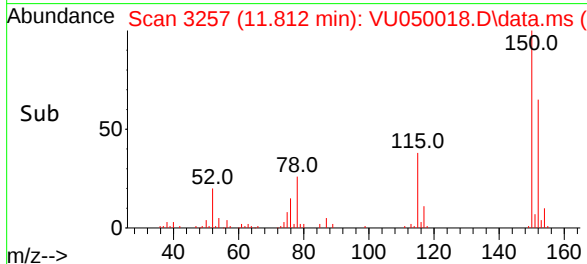
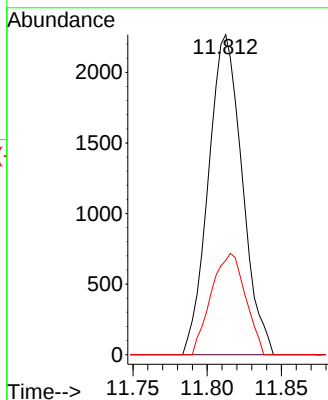
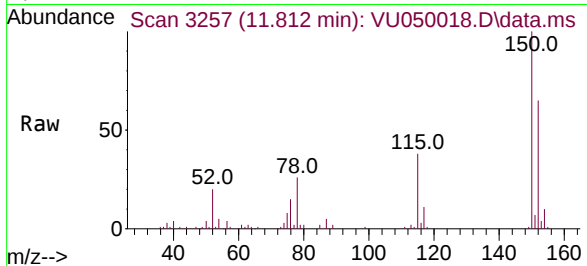




#61
1,2,3-Trichloropropane
Concen: 1.026 ug/L
RT: 11.812 min Scan# 3152
Delta R.T. 0.987 min
Lab File: VU050018.D
Acq: 29 Jul 2022 05:05

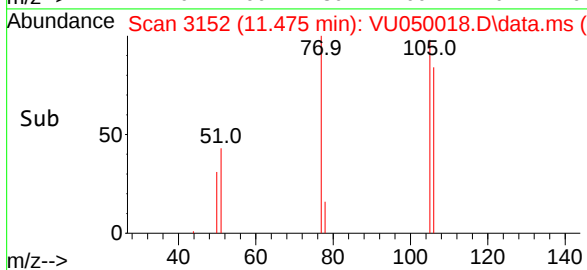
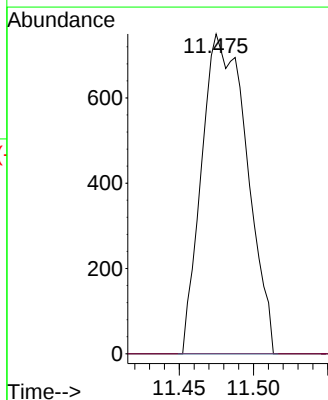
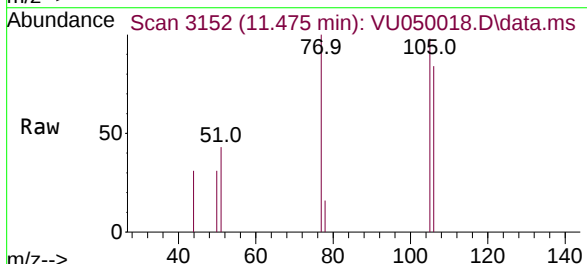
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ClientSampleId :
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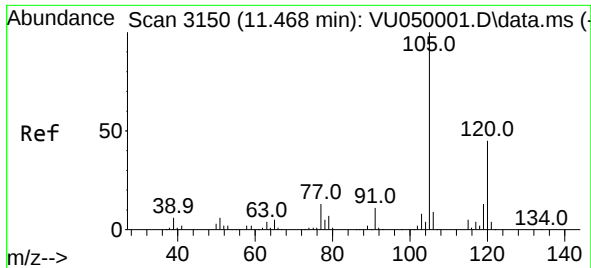
Tgt Ion: 75 Resp: 3589
Ion Ratio Lower Upper
75 100
110 0.0 28.1 42.1#
77 31.9 24.7 37.1



#62
1,3,5-Trimethylbenzene
Concen: 0.110 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.386 min
Lab File: VU050018.D
Acq: 29 Jul 2022 05:05

Tgt Ion: 105 Resp: 1584
Ion Ratio Lower Upper
105 100
120 0.0 38.2 57.4#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.113 ug/L
 RT: 11.475 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: VU050018.D
 Acq: 29 Jul 2022 05:05

Instrument :
 MSVOA_U
 ClientSampleId :
 YBEA4

Tgt Ion:105 Resp: 1584
 Ion Ratio Lower Upper
 105 100
 120 0.0 35.4 53.2#

