

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072922\
 Data File : VU050036.D
 Acq On : 29 Jul 2022 15:05
 Operator : SY/MD
 Sample : N3890-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YBEA5

Quant Time: Jul 30 01:43:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 30 01:40:38 2022
 Response via : Initial Calibration

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

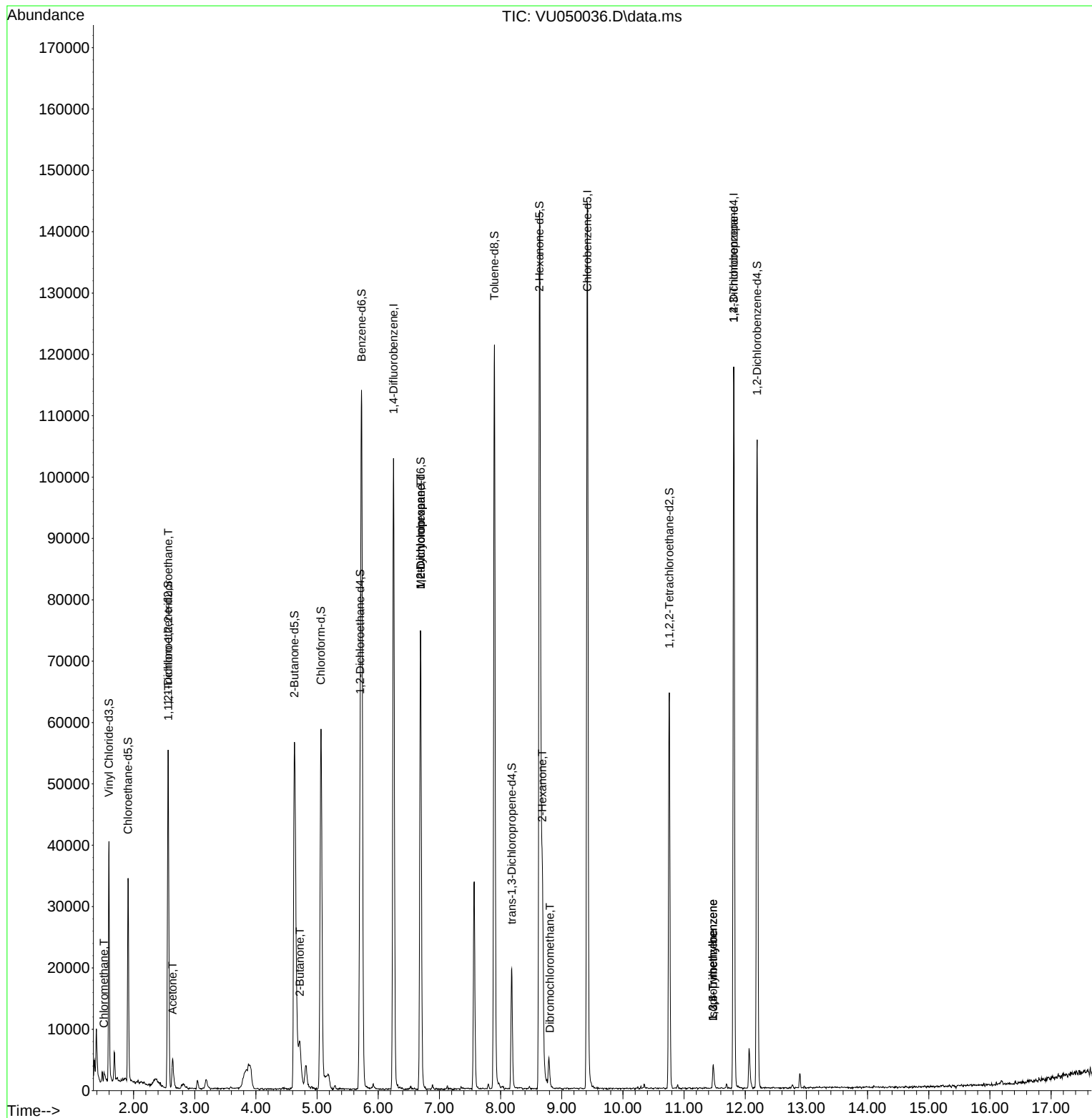
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	83934	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	86081	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	27862	3.866	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.909	69	23861	4.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.565	65	10262	4.132	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.629	46	87161	54.332	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.660%
24) Chloroform-d	5.063	84	56870	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.703	65	30640	5.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.729	84	108377	4.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.693	67	38605	4.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.899	98	85087	3.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	8.182	79	12699	4.348	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.635	63	44825	40.999	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.000%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33876	4.838	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	29317	4.736	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
3) Chloromethane	1.517	50	1409	0.184	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	263	0.053	ug/L #	21
13) Acetone	2.639	43	6379	5.657	ug/L	98
21) 2-Butanone	4.716	43	9242	5.691	ug/L	99
35) Methylcyclohexane	6.693	83	8798	1.092	ug/L #	19
37) 1,2-Dichloropropane	6.693	63	3527	0.509	ug/L #	88
48) 2-Hexanone	8.684	43	17391	5.703	ug/L	93
49) Dibromochloromethane	8.809	129	330	0.058	ug/L	87
60) Isopropylbenzene	11.475	105	1800	0.091	ug/L #	1
61) 1,2,3-Trichloropropane	11.812	75	3896	1.005	ug/L #	66
62) 1,3,5-Trimethylbenzene	11.475	105	1800	0.112	ug/L #	29
63) 1,2,4-Trimethylbenzene	11.475	105	1800	0.116	ug/L #	32

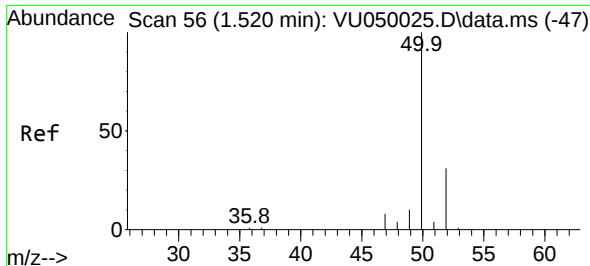
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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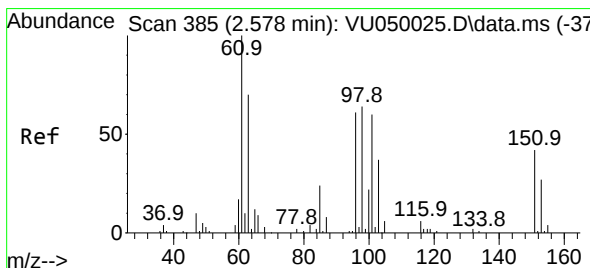
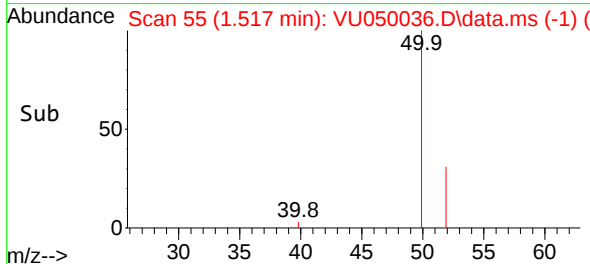
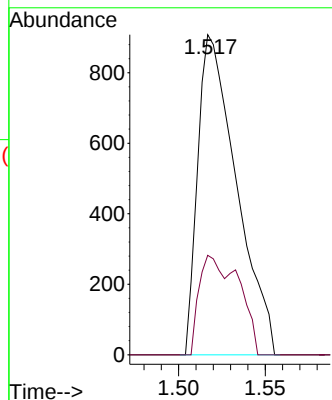
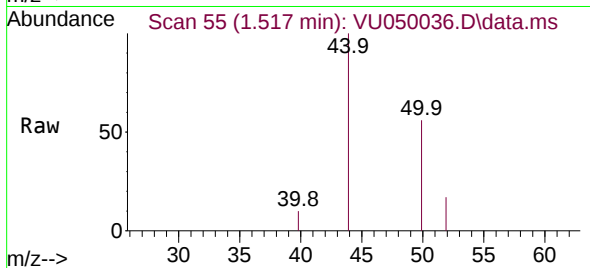




#3
Chloromethane
Concen: 0.184 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050036.D
Acq: 29 Jul 2022 15:05

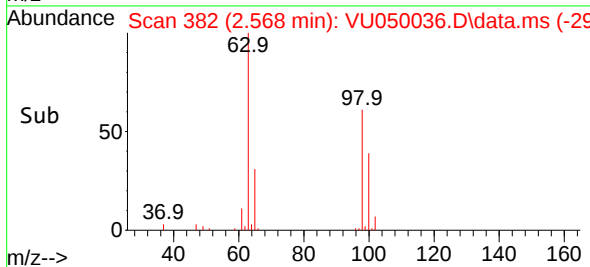
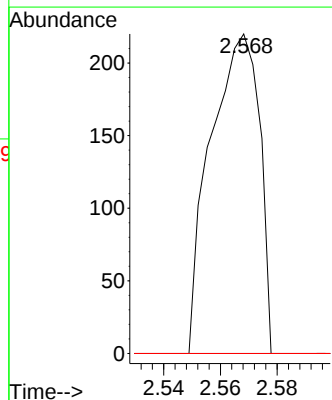
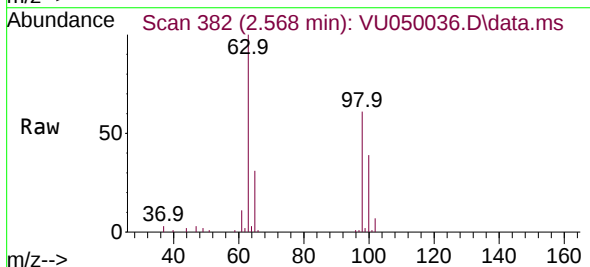
Instrument :
MSVOA_U
ClientSampleId :
YBEA5

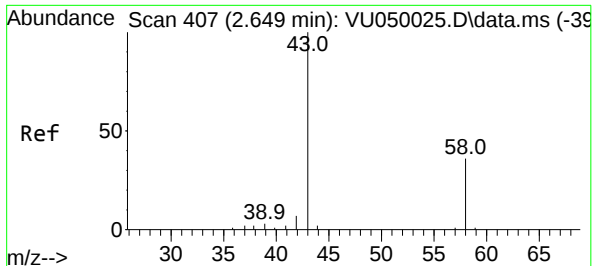
Tgt Ion: 50 Resp: 1409
Ion Ratio Lower Upper
50 100
52 31.1 22.4 41.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.053 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU050036.D
Acq: 29 Jul 2022 15:05

Tgt Ion: 101 Resp: 263
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#





#13

Acetone

Concen: 5.657 ug/L

RT: 2.639 min Scan# 404

Delta R.T. -0.010 min

Lab File: VU050036.D

Acq: 29 Jul 2022 15:05

Instrument :

MSVOA_U

ClientSampleId :

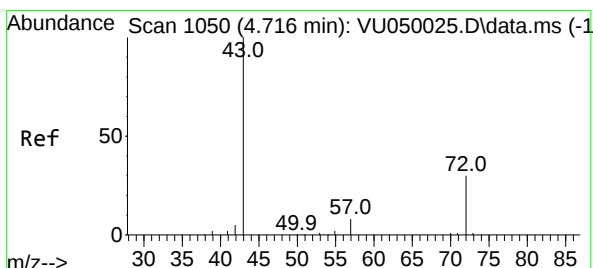
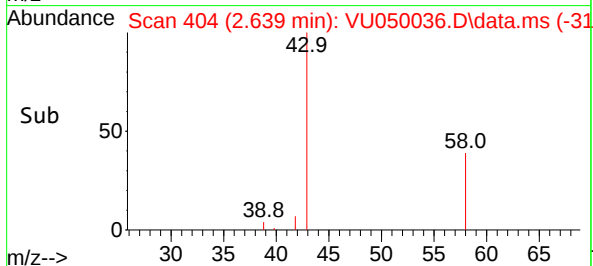
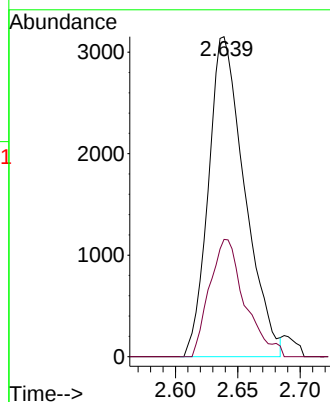
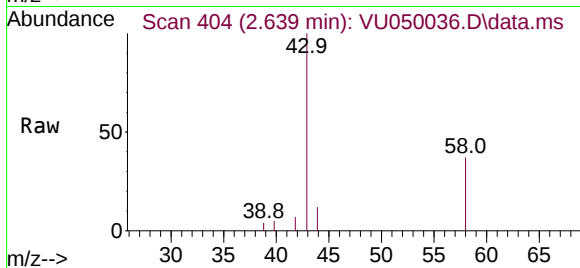
YBEA5

Tgt Ion: 43 Resp: 6379

Ion Ratio Lower Upper

43 100

58 35.5 0.0 73.0



#21

2-Butanone

Concen: 5.691 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VU050036.D

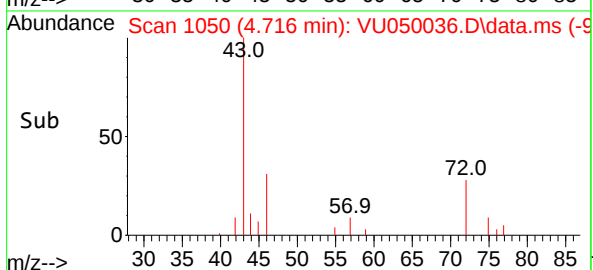
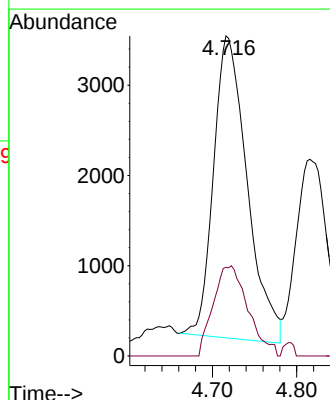
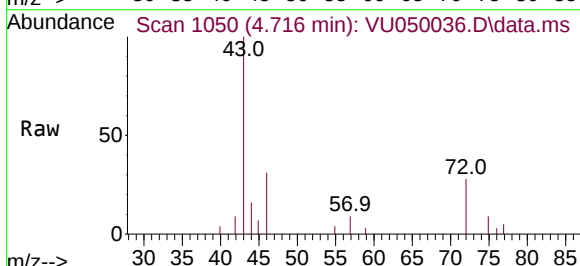
Acq: 29 Jul 2022 15:05

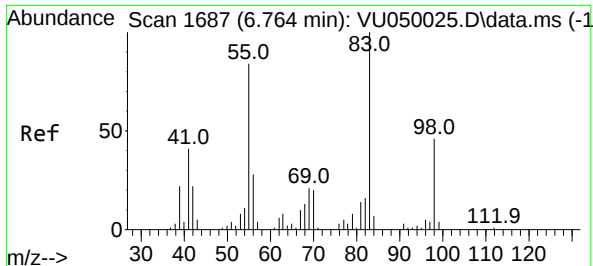
Tgt Ion: 43 Resp: 9242

Ion Ratio Lower Upper

43 100

72 30.9 15.8 47.3

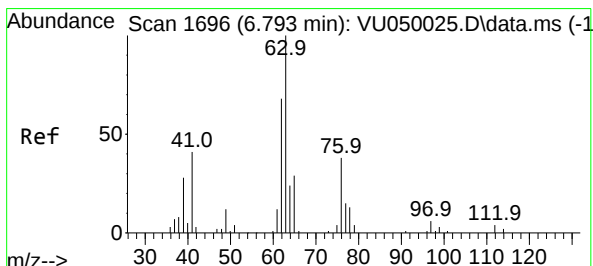
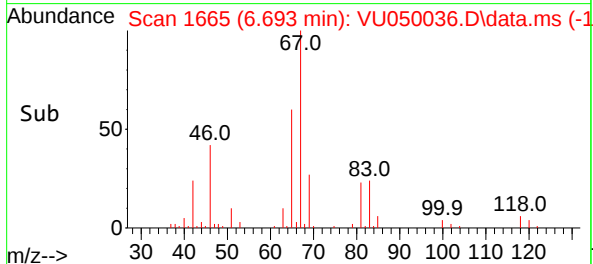
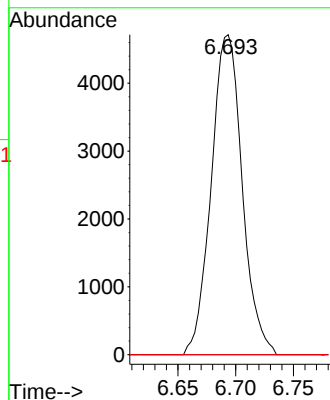
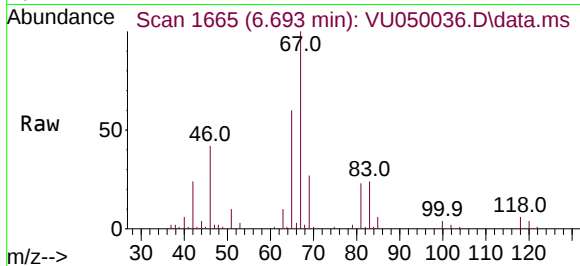




#35
Methylcyclohexane
Concen: 1.092 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050036.D
Acq: 29 Jul 2022 15:05

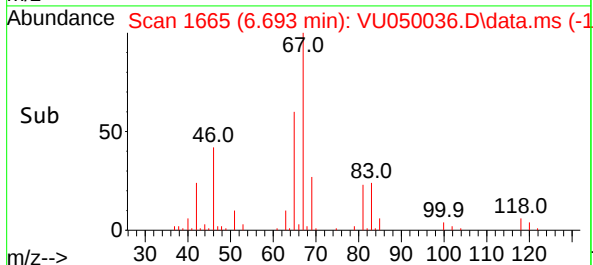
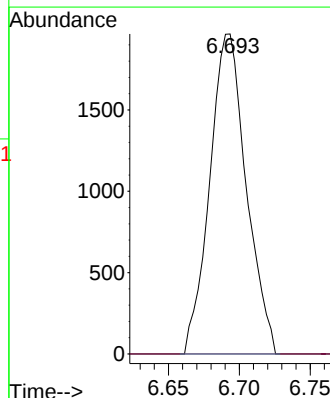
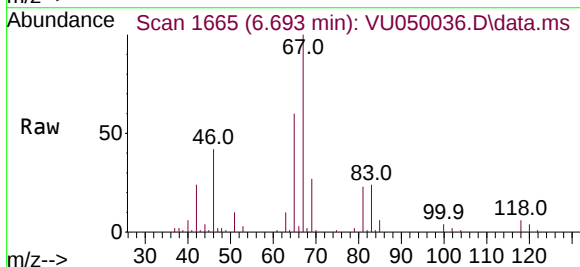
Instrument :
MSVOA_U
ClientSampleId :
YBEA5

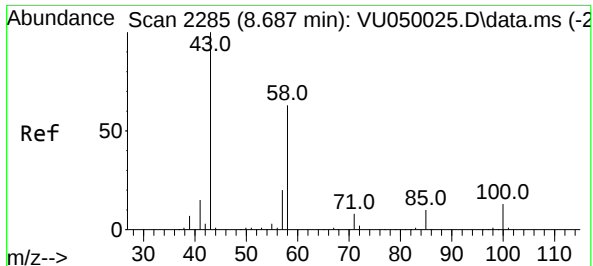
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.6	92.4#
98	0.0	34.8	52.2#



#37
1,2-Dichloropropane
Concen: 0.509 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU050036.D
Acq: 29 Jul 2022 15:05

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

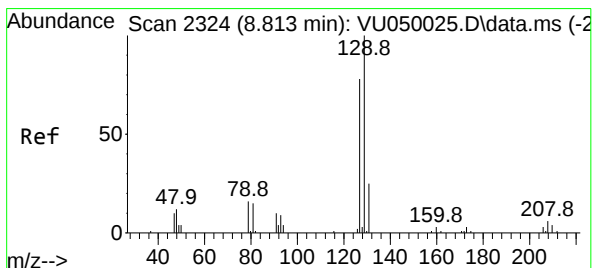
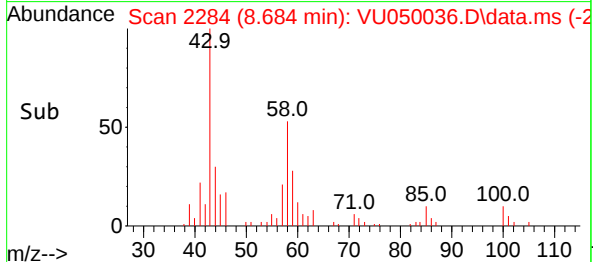
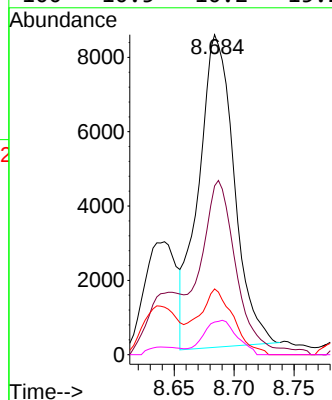
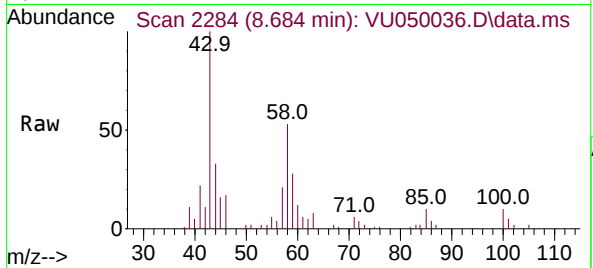




#48
2-Hexanone
Concen: 5.703 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050036.D
Acq: 29 Jul 2022 15:05

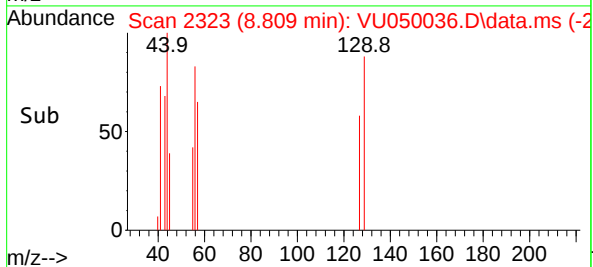
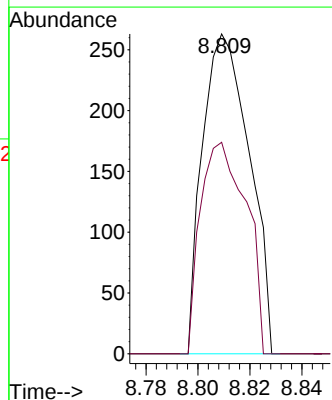
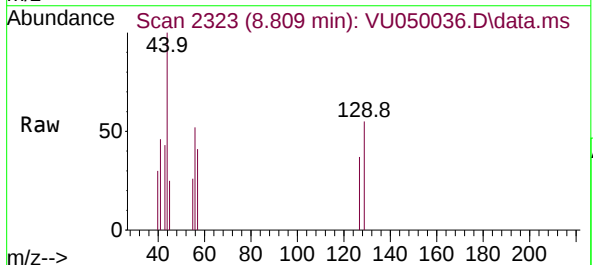
Instrument :
MSVOA_U
ClientSampleId :
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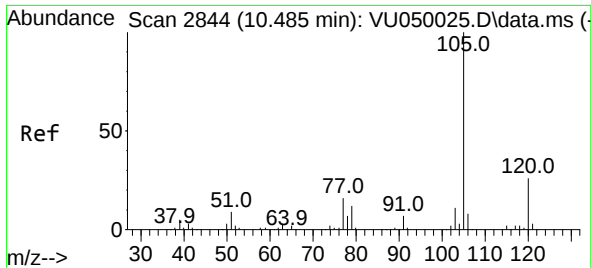
Tgt Ion: 43	Resp: 17391
Ion Ratio	Lower Upper
43 100	
58 54.4	49.4 74.0
57 21.0	17.0 25.4
100 10.5	10.2 15.2



#49
Dibromochloromethane
Concen: 0.058 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU050036.D
Acq: 29 Jul 2022 15:05

Tgt Ion:129	Resp:	330	
Ion	Ratio	Lower	Upper
129	100		
127	66.2	54.5	101.1

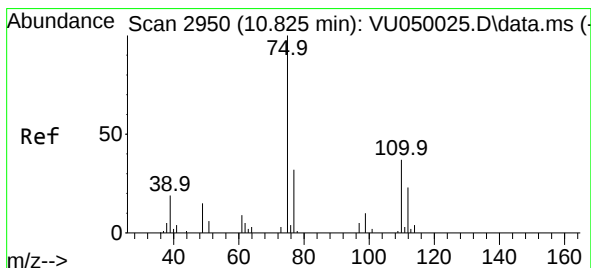
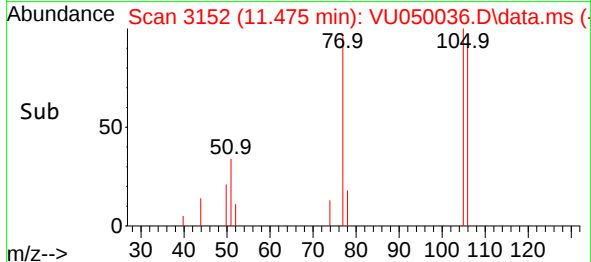
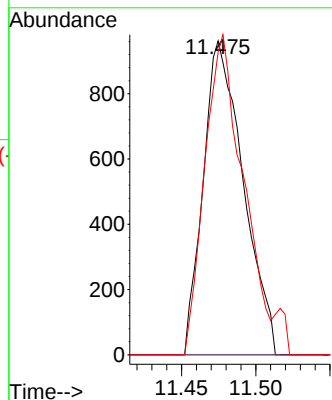
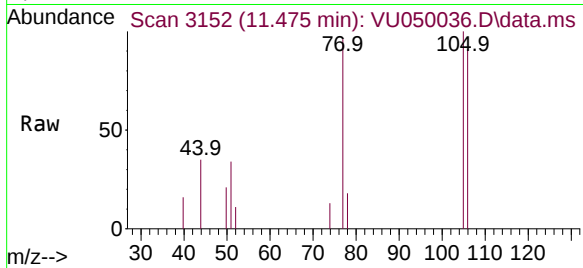




#60
Isopropylbenzene
Concen: 0.091 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.990 min
Lab File: VU050036.D
Acq: 29 Jul 2022 15:05

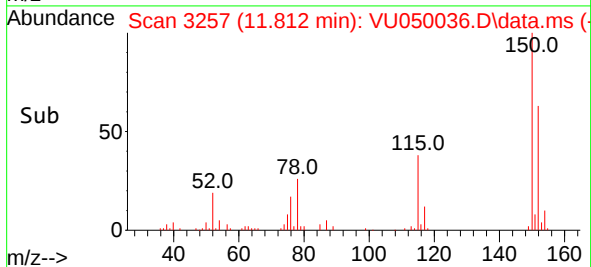
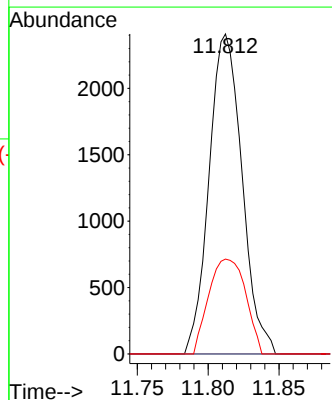
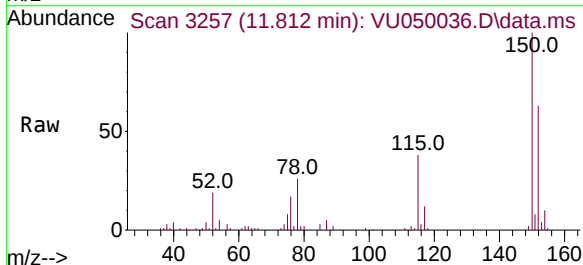
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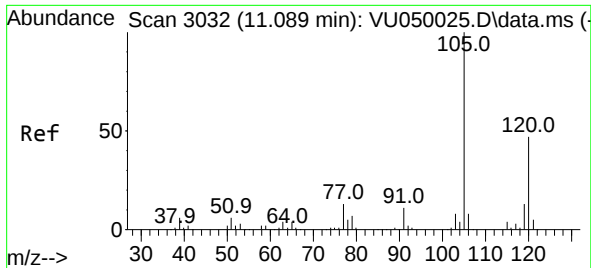
Tgt Ion:105 Resp: 1800
Ion Ratio Lower Upper
105 100
120 0.0 20.5 30.7#
77 97.7 12.6 18.8#



#61
1,2,3-Trichloropropane
Concen: 1.005 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU050036.D
Acq: 29 Jul 2022 15:05

Tgt Ion: 75 Resp: 3896
Ion Ratio Lower Upper
75 100
110 0.0 28.1 42.1#
77 33.1 24.7 37.1

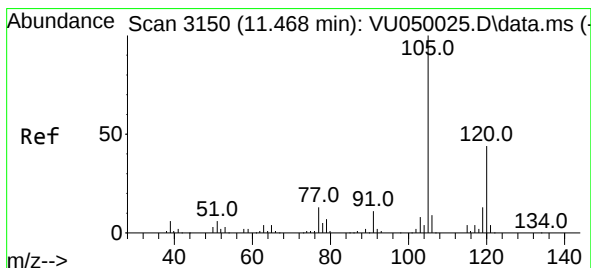
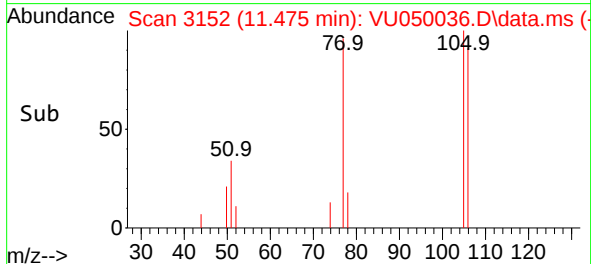
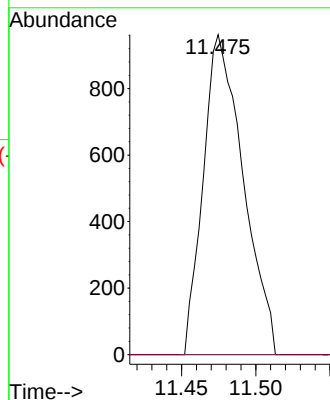
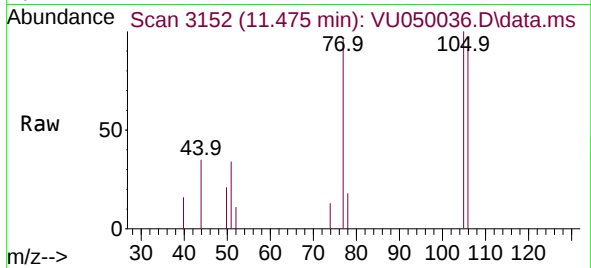




#62
 1,3,5-Trimethylbenzene
 Concen: 0.112 ug/L
 RT: 11.475 min Scan# 3152
 Delta R.T. 0.386 min
 Lab File: VU050036.D
 Acq: 29 Jul 2022 15:05

Instrument :
 MSVOA_U
 ClientSampleId :
 YBEA5

Tgt Ion:105 Resp: 1800
 Ion Ratio Lower Upper
 105 100
 120 0.0 38.2 57.4#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.116 ug/L
 RT: 11.475 min Scan# 3152
 Delta R.T. 0.006 min
 Lab File: VU050036.D
 Acq: 29 Jul 2022 15:05

Tgt Ion:105 Resp: 1800
 Ion Ratio Lower Upper
 105 100
 120 0.0 35.4 53.2#

