

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072022\
 Data File : VU049807.D
 Acq On : 20 Jul 2022 16:49
 Operator : SY/MD
 Sample : N3709-07ME
 Misc : 6.52g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0B23ME

Quant Time: Jul 21 04:25:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 21 04:19:56 2022
 Response via : Initial Calibration

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

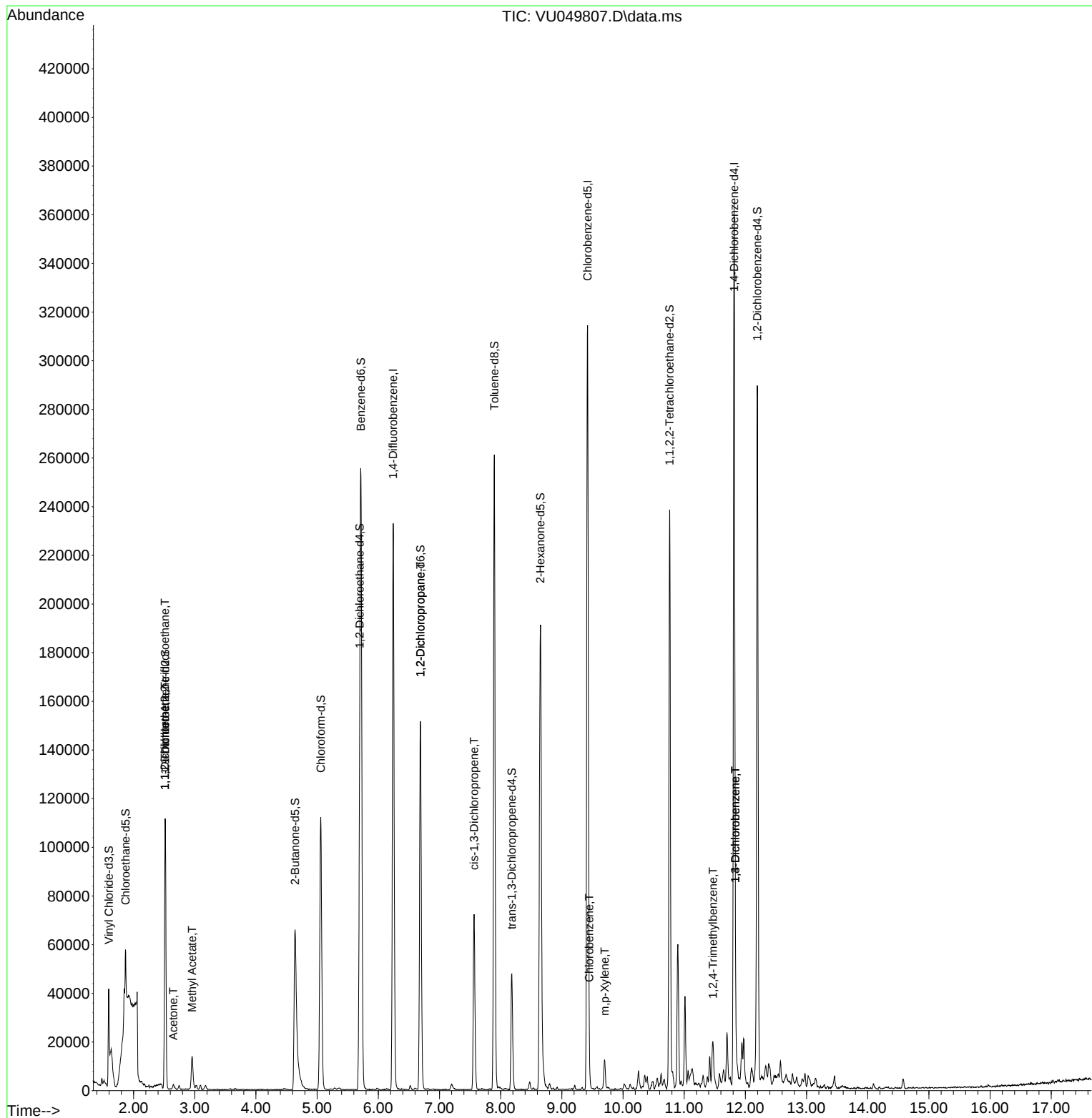
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	178580	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	177380	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	87496	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	32724	21.718	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	43.440%#		
7) Chloroethane-d5	1.867	69	21232	19.494	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	38.980%#		
11) 1,1-Dichloroethene-d2	2.517	63	67845	25.491	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery =	50.980%#		
21) 2-Butanone-d5	4.639	46	124862	97.073	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.070%		
24) Chloroform-d	5.060	84	106966	40.081	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.160%		
26) 1,2-Dichloroethane-d4	5.697	65	78801	43.628	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.260%		
32) Benzene-d6	5.716	84	203990	37.855	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.700%		
36) 1,2-Dichloropropane-d6	6.687	67	73782	40.706	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.420%		
41) Toluene-d8	7.896	98	168216	35.846	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.700%#		
43) trans-1,3-Dichloroprop...	8.182	79	29324	38.399	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.800%		
47) 2-Hexanone-d5	8.648	63	78939	96.818	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.820%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	117675	46.399	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	68610	41.590	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.180%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.514	101	464	0.337	ug/L #	20
12) 1,1-Dichloroethene	2.514	96	513	0.402	ug/L #	1
13) Acetone	2.649	43	2626	2.148	ug/L	70
15) Methyl Acetate	2.957	43	18438	9.284	ug/L	99
37) 1,2-Dichloropropane	6.687	63	8219	4.447	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2174	0.872	ug/L #	58
51) Chlorobenzene	9.449	112	2729	0.680	ug/L	97
53) m,p-Xylene	9.700	106	3468	1.364	ug/L	94
63) 1,2,4-Trimethylbenzene	11.471	105	7458	1.362	ug/L	97
64) 1,3-Dichlorobenzene	11.838	146	9282	3.255	ug/L	93
65) 1,4-Dichlorobenzene	11.838	146	9282	3.240	ug/L	93

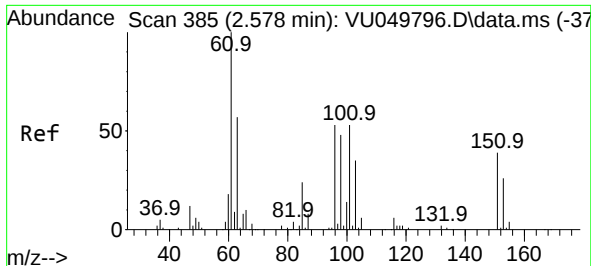
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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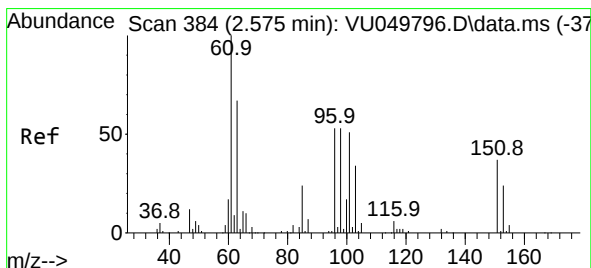
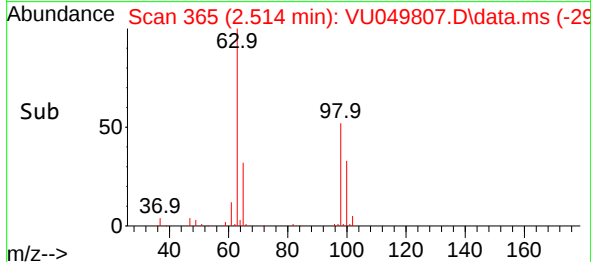
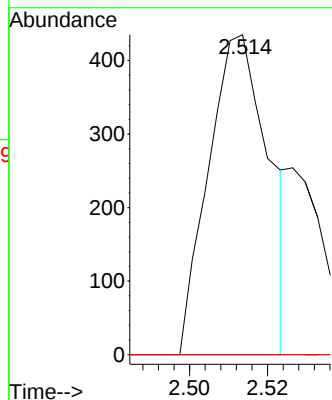
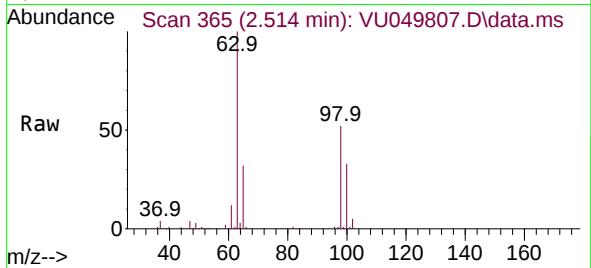




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.337 ug/L
 RT: 2.514 min Scan# 365
 Delta R.T. -0.064 min
 Lab File: VU049807.D
 Acq: 20 Jul 2022 16:49

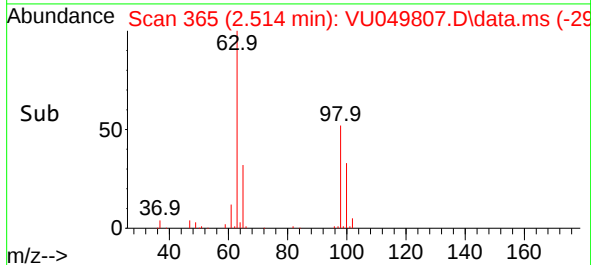
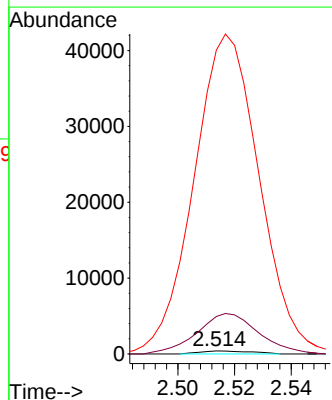
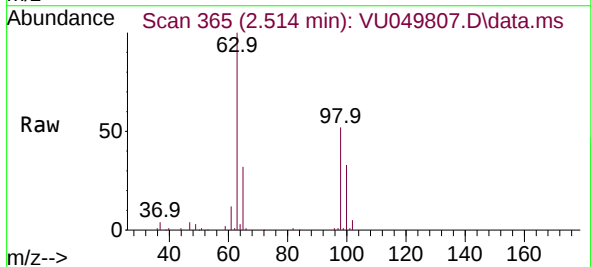
Instrument :
 MSVOA_U
 ClientSampleId :
 H0B23ME

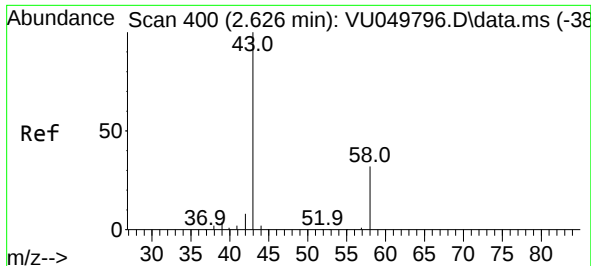
Tgt Ion:101 Resp: 464
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.402 ug/L
 RT: 2.514 min Scan# 365
 Delta R.T. -0.061 min
 Lab File: VU049807.D
 Acq: 20 Jul 2022 16:49

Tgt Ion: 96 Resp: 513
 Ion Ratio Lower Upper
 96 100
 61 1226.4 129.6 240.6#
 63 9962.2 79.0 146.6#





#13

Acetone

Concen: 2.148 ug/L

RT: 2.649 min Scan# 40

Delta R.T. 0.023 min

Lab File: VU049807.D

Acq: 20 Jul 2022 16:49

Instrument :

MSVOA_U

ClientSampleId :

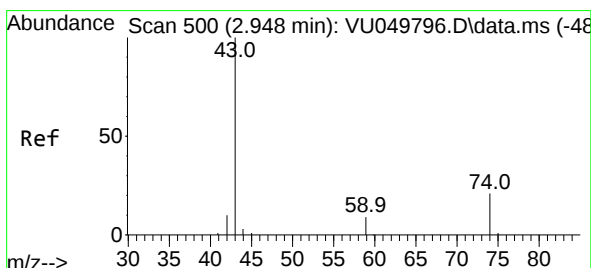
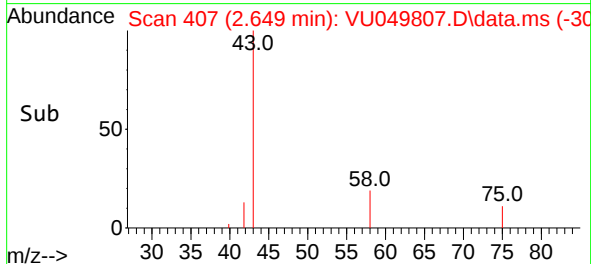
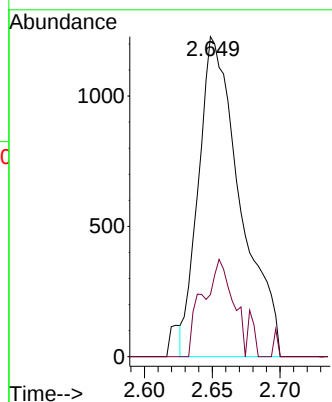
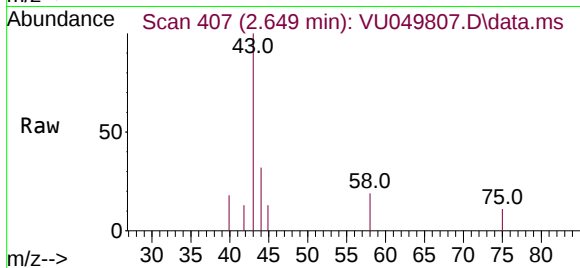
H0B23ME

Tgt Ion: 43 Resp: 2626

Ion Ratio Lower Upper

43 100

58 14.1 0.0 61.4



#15

Methyl Acetate

Concen: 9.284 ug/L

RT: 2.957 min Scan# 503

Delta R.T. 0.010 min

Lab File: VU049807.D

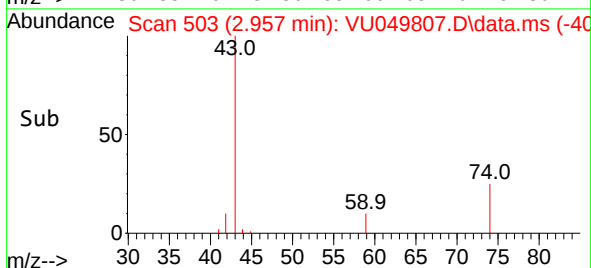
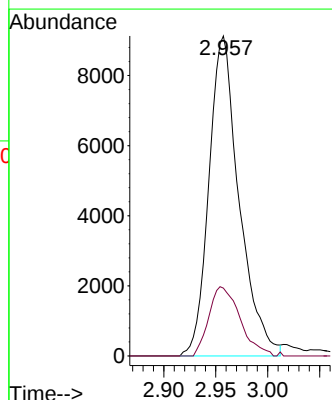
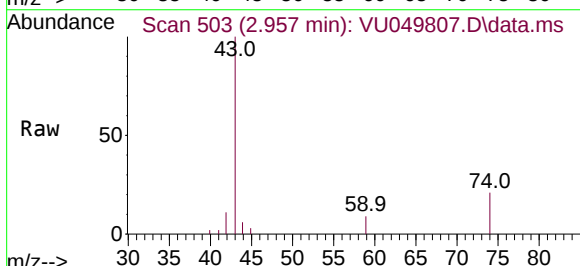
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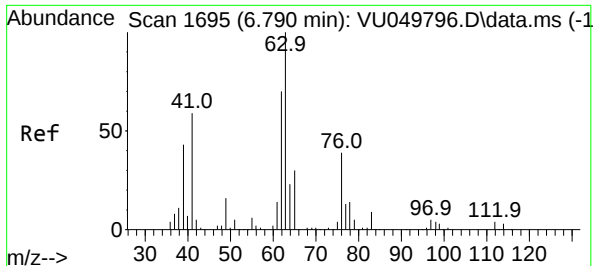
Tgt Ion: 43 Resp: 18438

Ion Ratio Lower Upper

43 100

74 22.3 17.4 26.0





#37

1,2-Dichloropropane

Concen: 4.447 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049807.D

Acq: 20 Jul 2022 16:49

Instrument :

MSVOA_U

ClientSampleId :

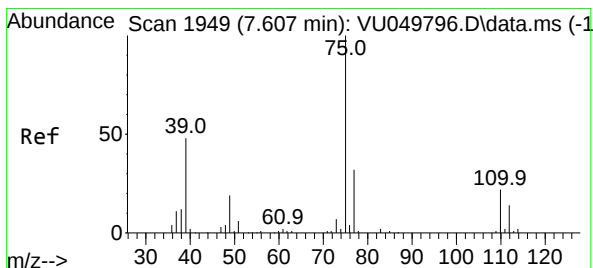
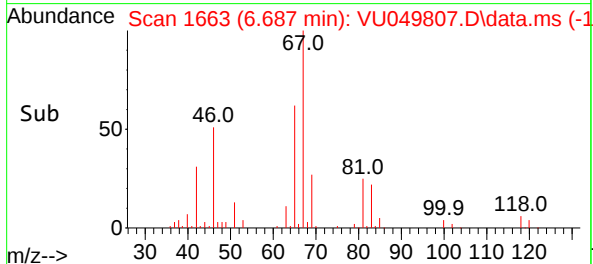
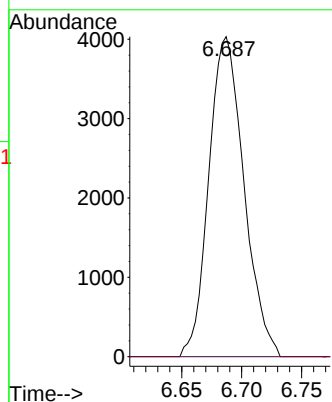
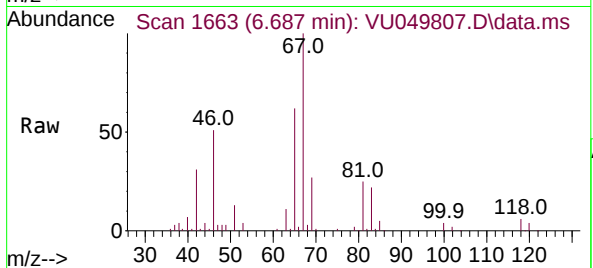
H0B23ME

Tgt Ion: 63 Resp: 8219

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.872 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049807.D

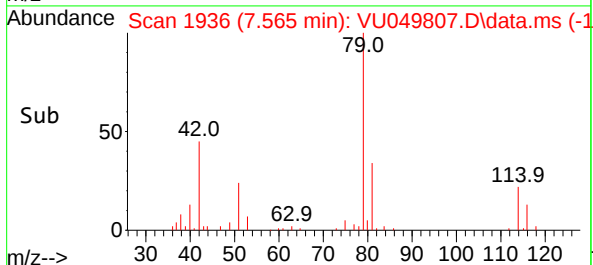
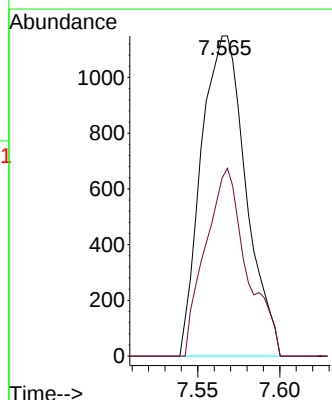
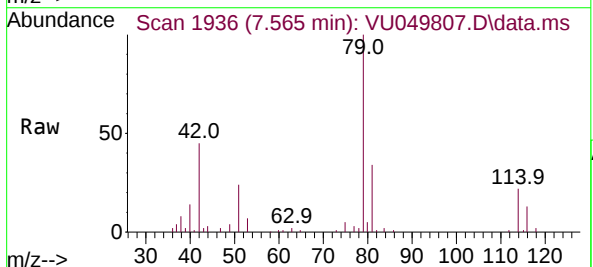
Acq: 20 Jul 2022 16:49

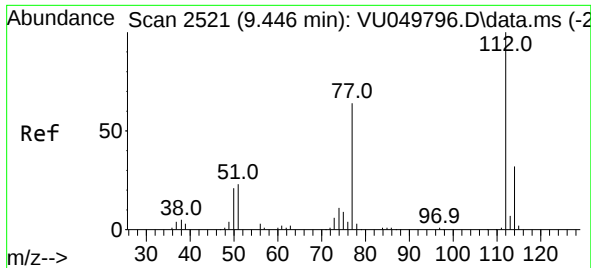
Tgt Ion: 75 Resp: 2174

Ion Ratio Lower Upper

75 100

77 55.6 22.6 42.0#

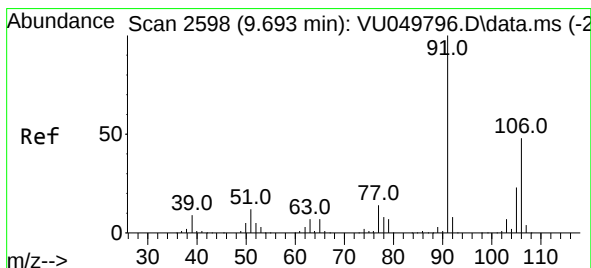
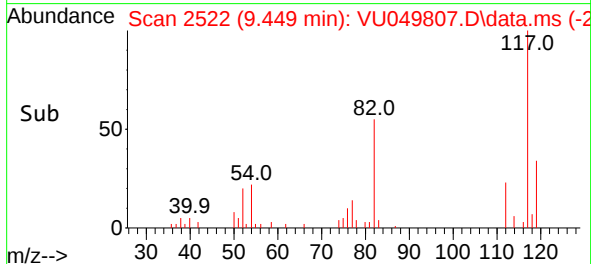
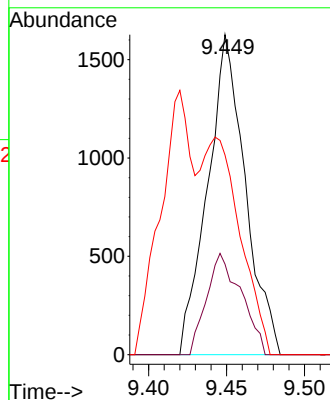
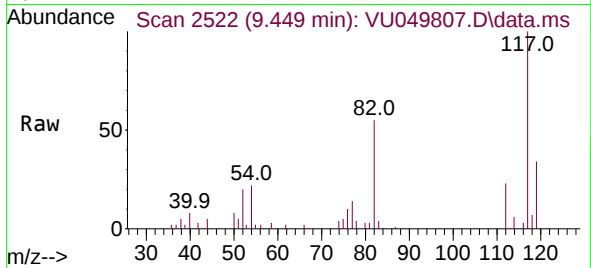




#51
Chlorobenzene
Concen: 0.680 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049807.D
Acq: 20 Jul 2022 16:49

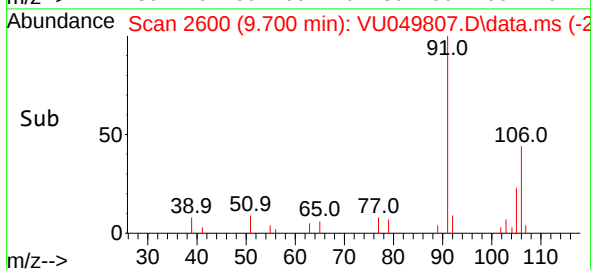
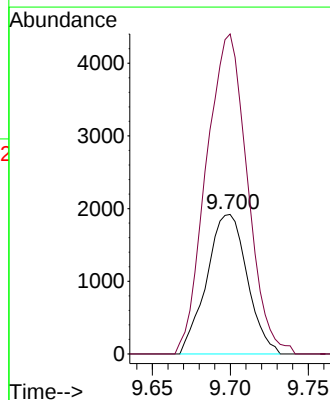
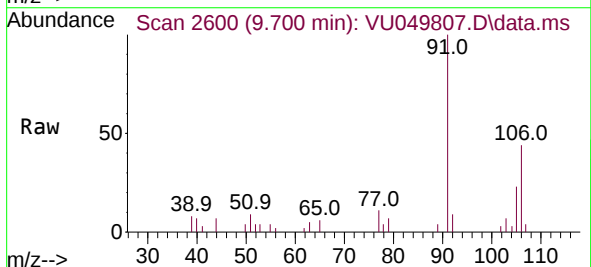
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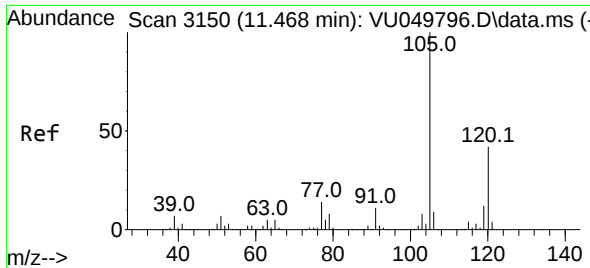
Tgt Ion:112	Resp:	2729
Ion Ratio	Lower	Upper
112	100	
114	28.3	22.1 41.1
77	62.4	51.2 76.8



#53
m,p-Xylene
Concen: 1.364 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.006 min
Lab File: VU049807.D
Acq: 20 Jul 2022 16:49

Tgt Ion:106	Resp:	3468
Ion Ratio	Lower	Upper
106	100	
91	207.9	151.7 281.7

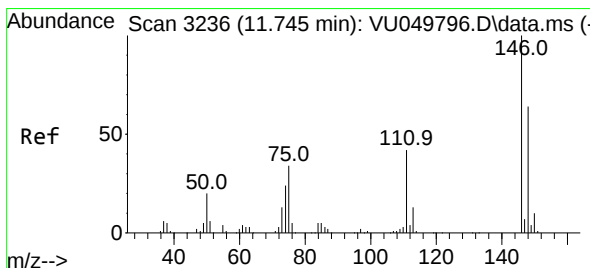
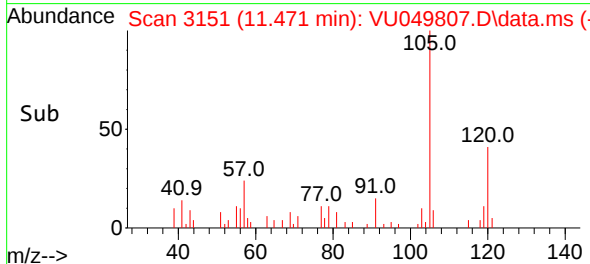
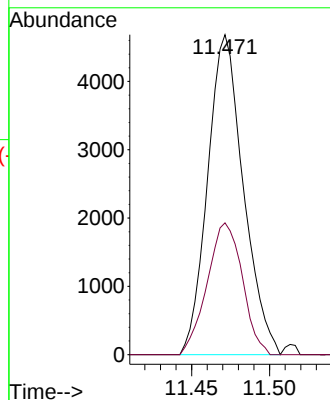
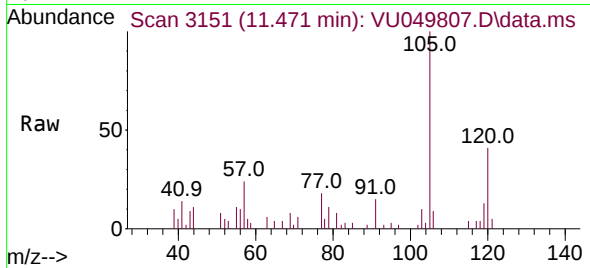




#63
1,2,4-Trimethylbenzene
Concen: 1.362 ug/L
RT: 11.471 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU049807.D
Acq: 20 Jul 2022 16:49

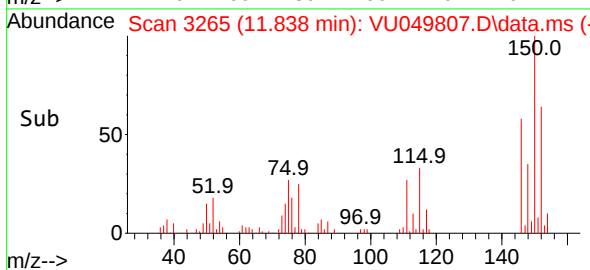
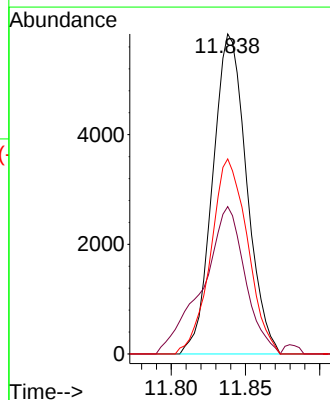
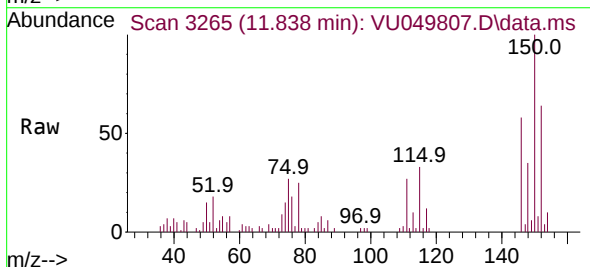
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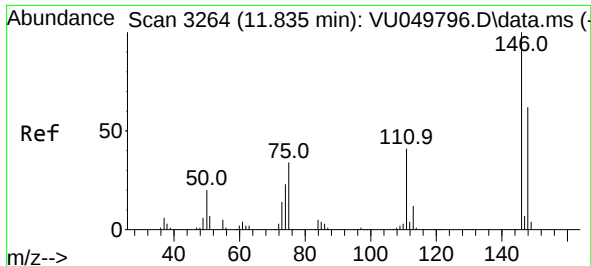
Tgt Ion:105 Resp: 7458
Ion Ratio Lower Upper
105 100
120 40.5 33.9 50.9



#64
1,3-Dichlorobenzene
Concen: 3.255 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.093 min
Lab File: VU049807.D
Acq: 20 Jul 2022 16:49

Tgt Ion:146 Resp: 9282
Ion Ratio Lower Upper
146 100
111 50.0 30.0 55.6
148 61.0 45.1 83.9





#65

1,4-Dichlorobenzene

Concen: 3.240 ug/L

RT: 11.838 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU049807.D

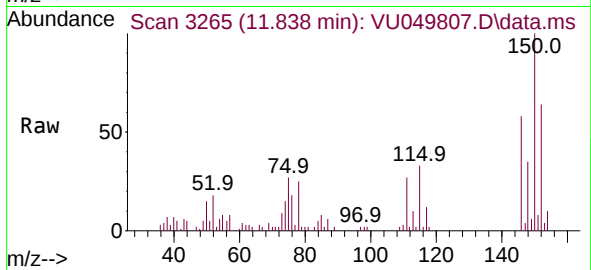
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Instrument :

MSVOA_U

ClientSampleId :

H0B23ME



Tgt Ion:146 Resp: 9282

Ion Ratio Lower Upper

146 100

111 50.0 29.1 54.1

148 61.0 44.4 82.4

