

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
 Data File : VU048377.D
 Acq On : 02 May 2022 19:54
 Operator : SY/MD
 Sample : N2638-19
 Misc : 5.30g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL12

Quant Time: May 03 04:16:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 03 04:11:15 2022
 Response via : Initial Calibration

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

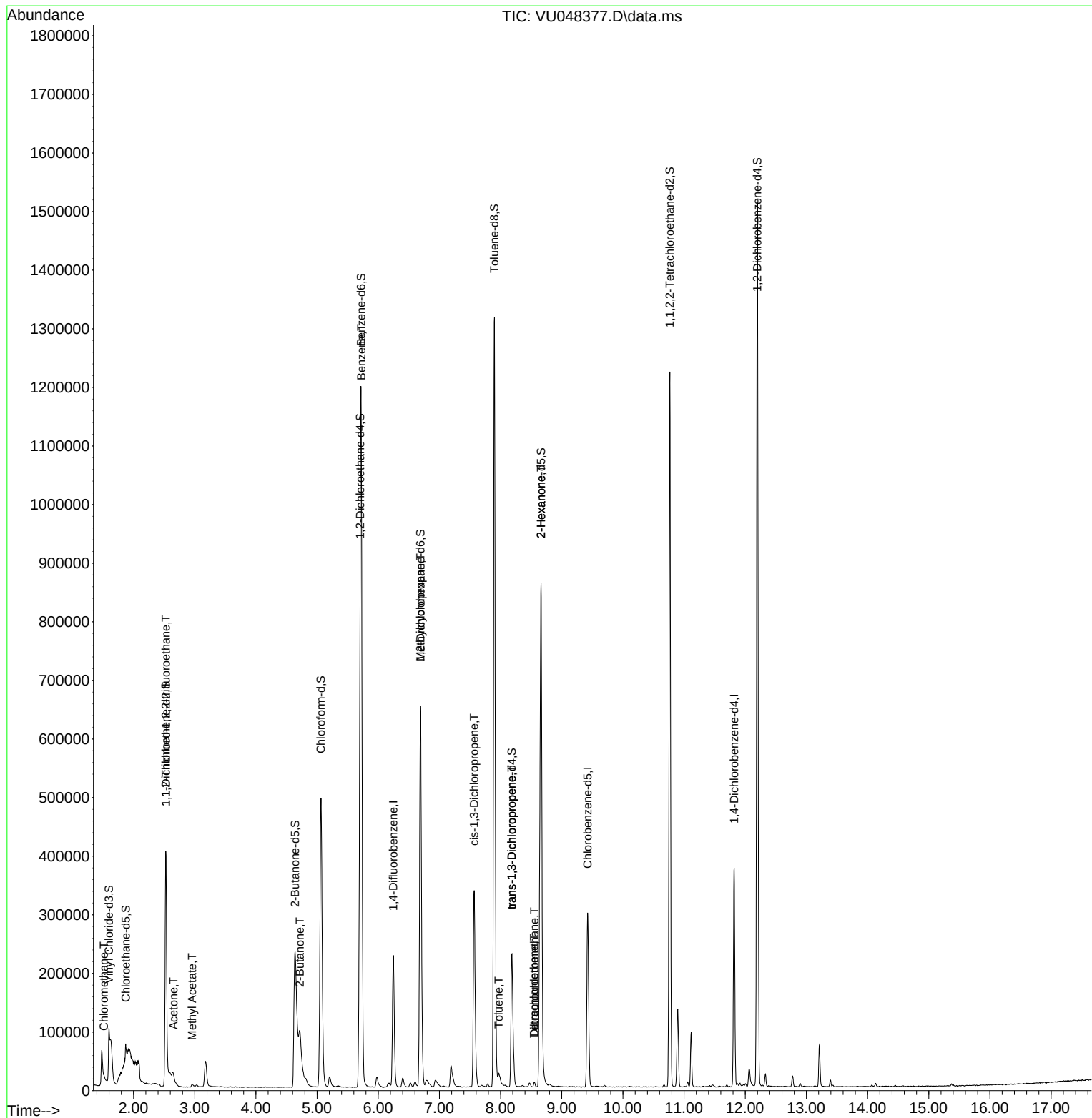
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	214004	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	218220	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	108110	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	84157	42.764	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.520%		
7) Chloroethane-d5	1.874	69	28154	20.381	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	40.760%#		
11) 1,1-Dichloroethene-d2	2.526	63	292075	92.629	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	185.260%#		
21) 2-Butanone-d5	4.639	46	544537	324.428	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	324.430%#		
24) Chloroform-d	5.063	84	517589	145.004	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	290.000%#		
26) 1,2-Dichloroethane-d4	5.703	65	336773	159.014	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	318.020%#		
32) Benzene-d6	5.719	84	1059264	153.910	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	307.820%#		
36) 1,2-Dichloropropane-d6	6.690	67	359016	157.787	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	315.580%#		
41) Toluene-d8	7.899	98	979010	156.932	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	313.860%#		
43) trans-1,3-Dichloroprop...	8.182	79	161909	161.264	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	322.520%#		
47) 2-Hexanone-d5	8.661	63	423600	345.066	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	345.070%#		
56) 1,1,2,2-Tetrachloroeth...	10.767	84	621585	155.765	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	311.540%#		
66) 1,2-Dichlorobenzene-d4	12.198	152	424590	174.587	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	349.180%#		
Target Compounds						Qvalue
3) Chloromethane	1.517	50	3885	2.099	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.526	101	2595	1.610	ug/L #	18
13) Acetone	2.652	43	17330	16.083	ug/L	82
15) Methyl Acetate	2.957	43	6977	3.262	ug/L	98
22) 2-Butanone	4.719	43	129417	81.222	ug/L	90
33) Benzene	5.722	78	7794	1.206	ug/L	100
35) Methylcyclohexane	6.690	83	82517	37.114	ug/L #	21
39) cis-1,3-Dichloropropene	7.568	75	8977	3.473	ug/L #	60
42) Toluene	7.970	91	13334	1.966	ug/L	99
44) trans-1,3-Dichloropropene	8.182	75	6457	2.557	ug/L	83
46) Tetrachloroethene	8.549	164	2131	1.568	ug/L	89
48) 2-Hexanone	8.661	43	52421	22.642	ug/L #	71
49) Dibromochloromethane	8.552	129	2075	0.979	ug/L #	11

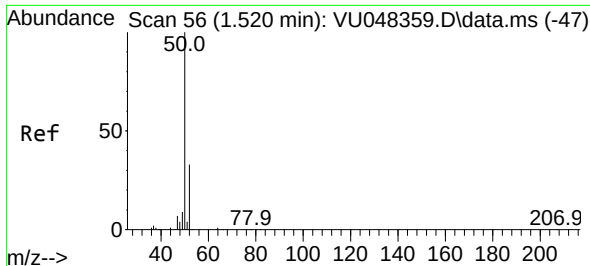
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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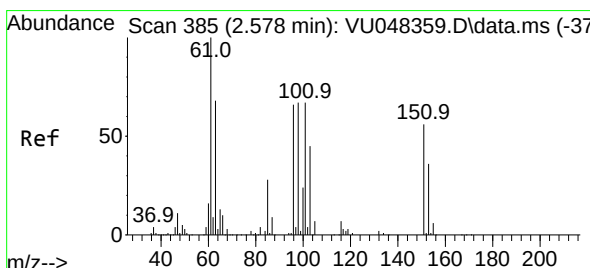
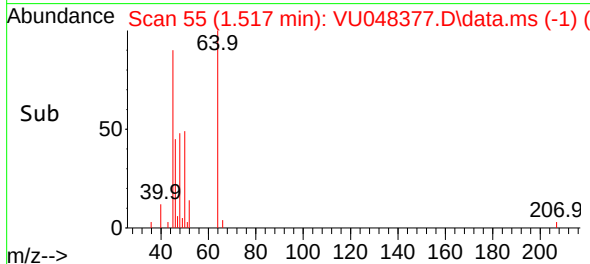
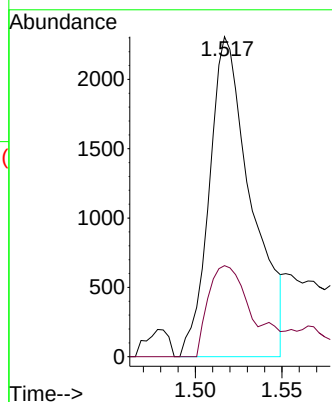
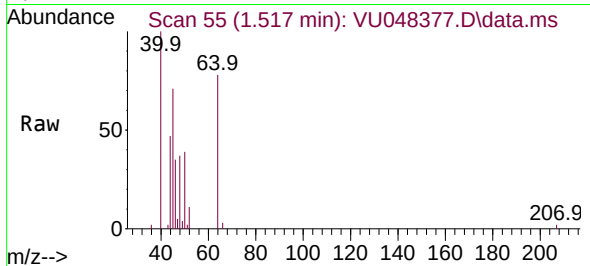




#3
Chloromethane
Concen: 2.099 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048377.D
Acq: 02 May 2022 19:54

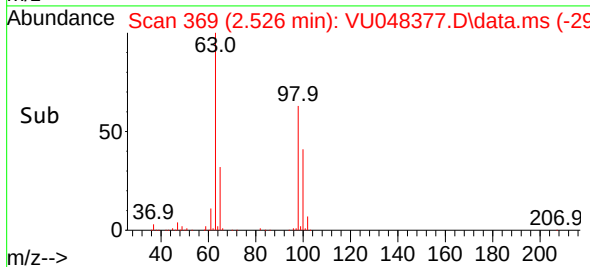
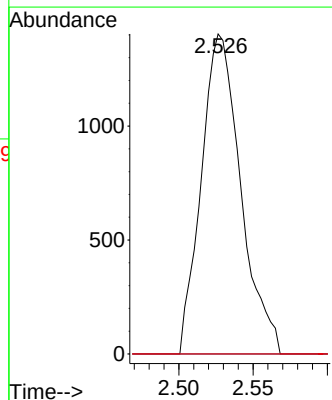
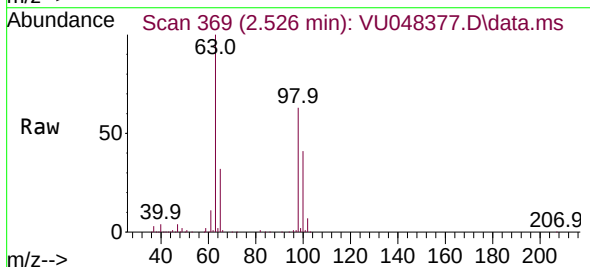
Instrument :
MSVOA_U
ClientSampleId :
EXL12

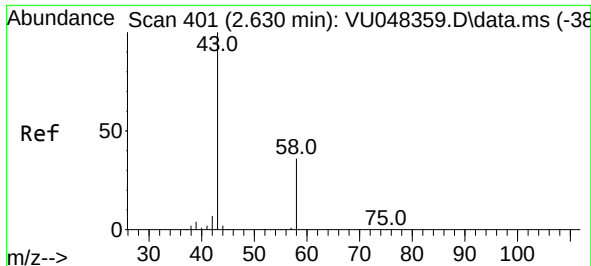
Tgt Ion: 50 Resp: 3885
Ion Ratio Lower Upper
50 100
52 28.5 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.610 ug/L
RT: 2.526 min Scan# 369
Delta R.T. -0.052 min
Lab File: VU048377.D
Acq: 02 May 2022 19:54

Tgt Ion: 101 Resp: 2595
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 64.1 96.1#





#13

Acetone

Concen: 16.083 ug/L

RT: 2.652 min Scan# 401

Delta R.T. 0.022 min

Lab File: VU048377.D

Acq: 02 May 2022 19:54

Instrument :

MSVOA_U

ClientSampleId :

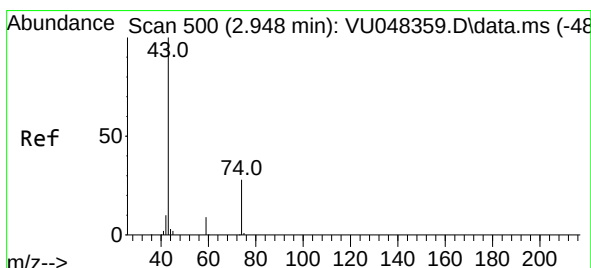
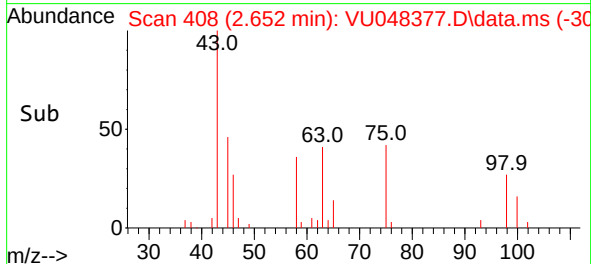
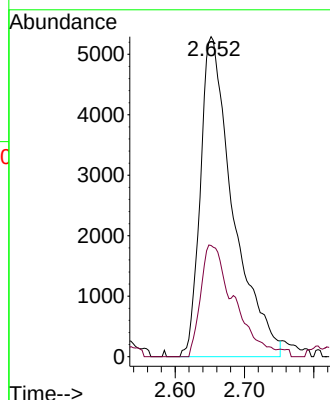
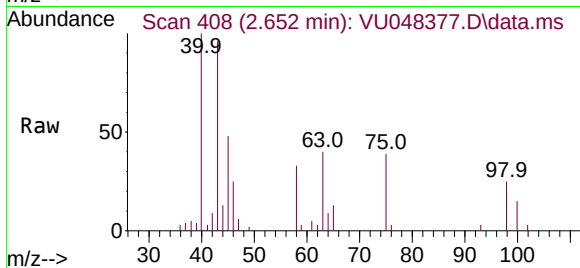
EXL12

Tgt Ion: 43 Resp: 17330

Ion Ratio Lower Upper

43 100

58 24.9 0.0 71.2



#15

Methyl Acetate

Concen: 3.262 ug/L

RT: 2.957 min Scan# 503

Delta R.T. 0.009 min

Lab File: VU048377.D

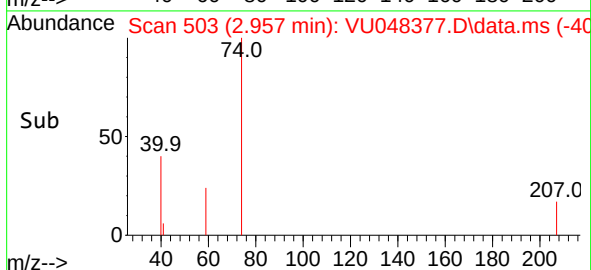
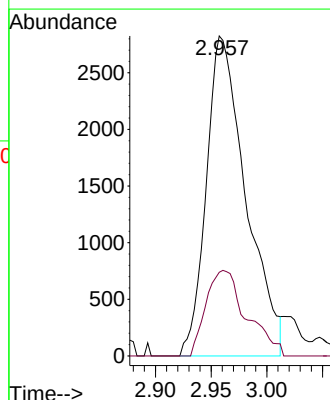
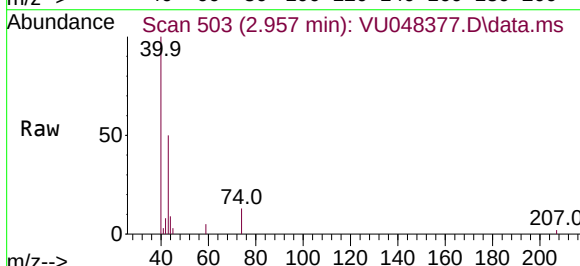
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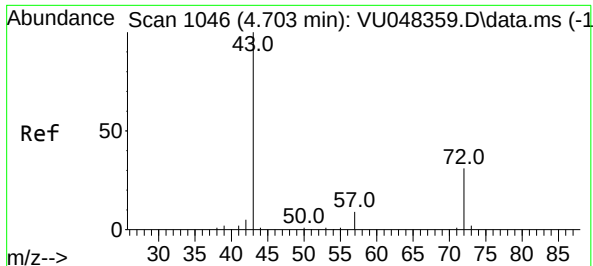
Tgt Ion: 43 Resp: 6977

Ion Ratio Lower Upper

43 100

74 27.1 21.0 31.6





#22

2-Butanone

Concen: 81.222 ug/L

RT: 4.719 min Scan# 1

Delta R.T. 0.016 min

Lab File: VU048377.D

Acq: 02 May 2022 19:54

Instrument :

MSVOA_U

ClientSampleId :

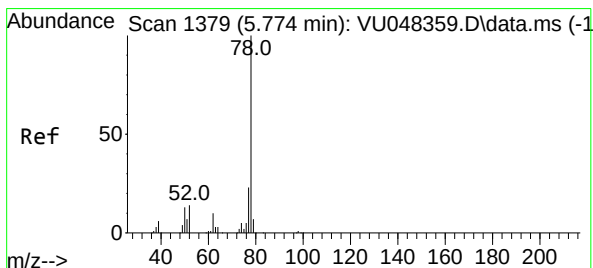
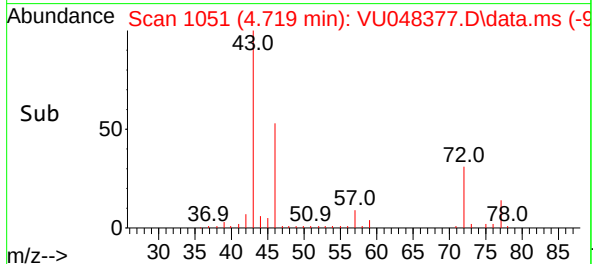
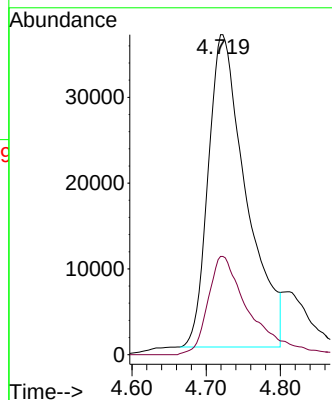
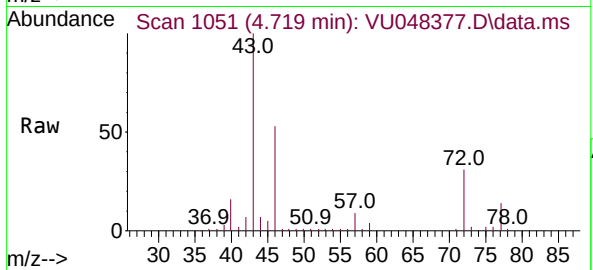
EXL12

Tgt Ion: 43 Resp: 129417

Ion Ratio Lower Upper

43 100

72 34.4 14.6 43.8



#33

Benzene

Concen: 1.206 ug/L

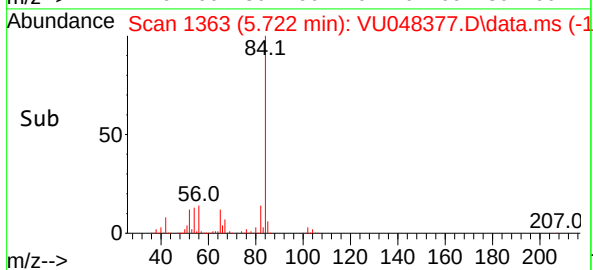
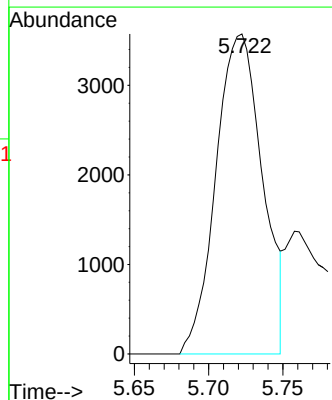
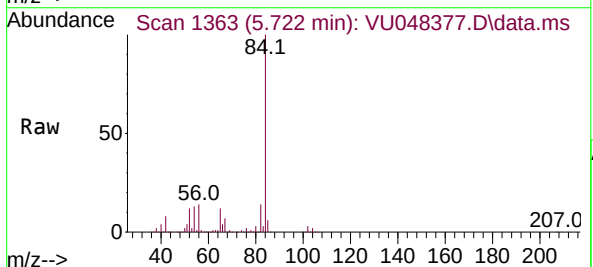
RT: 5.722 min Scan# 1363

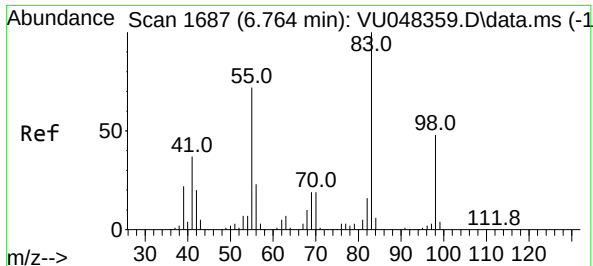
Delta R.T. -0.052 min

Lab File: VU048377.D

Acq: 02 May 2022 19:54

Tgt Ion: 78 Resp: 7794

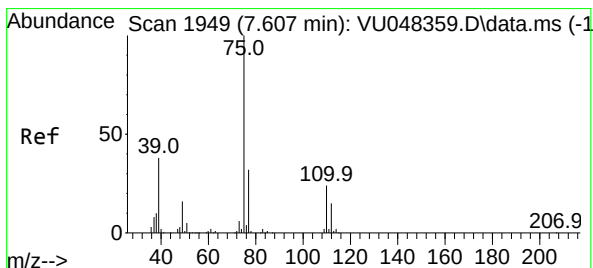
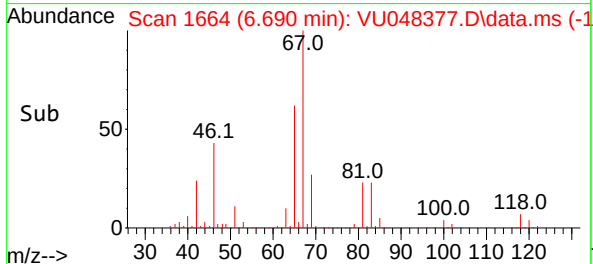
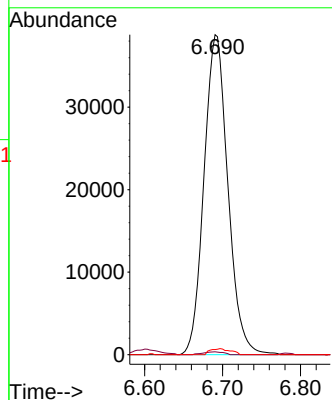
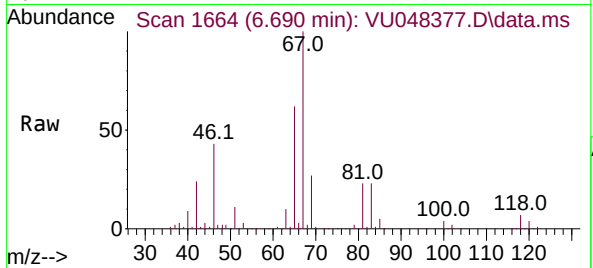




#35
Methylcyclohexane
Concen: 37.114 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU048377.D
Acq: 02 May 2022 19:54

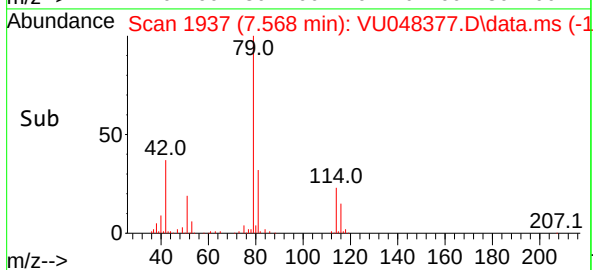
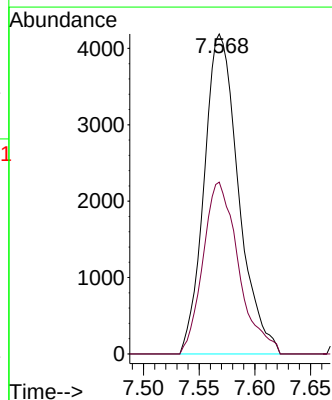
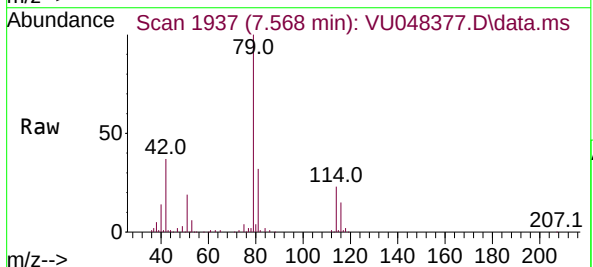
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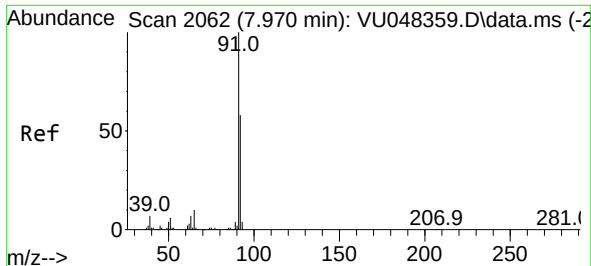
Tgt Ion: 83 Resp: 82517
Ion Ratio Lower Upper
83 100
55 0.8 59.4 89.2#
98 1.6 37.3 55.9#



#39
cis-1,3-Dichloropropene
Concen: 3.473 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.039 min
Lab File: VU048377.D
Acq: 02 May 2022 19:54

Tgt Ion: 75 Resp: 8977
Ion Ratio Lower Upper
75 100
77 53.7 22.0 41.0#





#42

Toluene

Concen: 1.966 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048377.D

Acq: 02 May 2022 19:54

Instrument :

MSVOA_U

ClientSampleId :

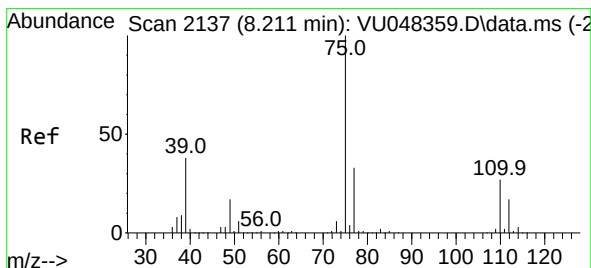
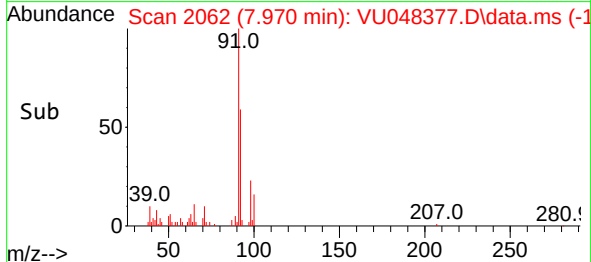
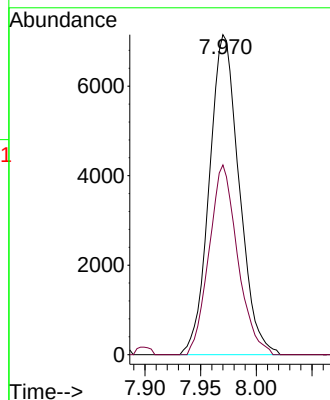
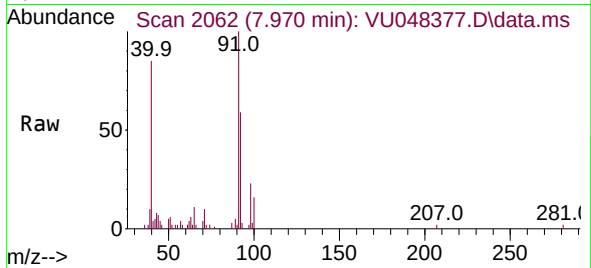
EXL12

Tgt Ion: 91 Resp: 13334

Ion Ratio Lower Upper

91 100

92 59.3 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 2.557 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU048377.D

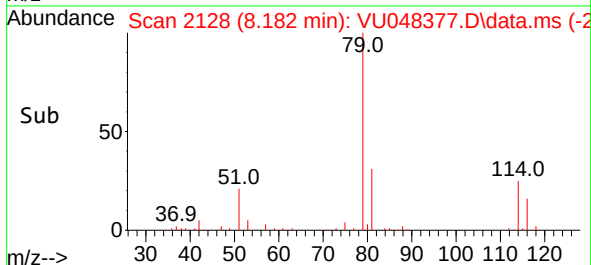
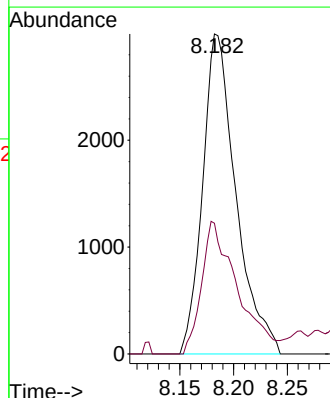
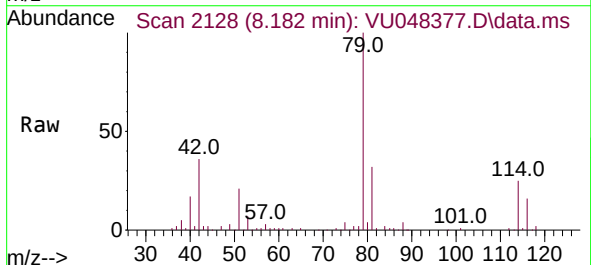
Acq: 02 May 2022 19:54

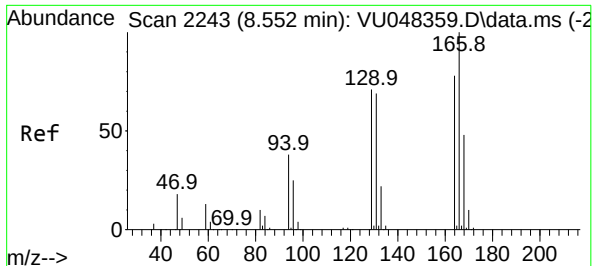
Tgt Ion: 75 Resp: 6457

Ion Ratio Lower Upper

75 100

77 40.9 22.1 41.1

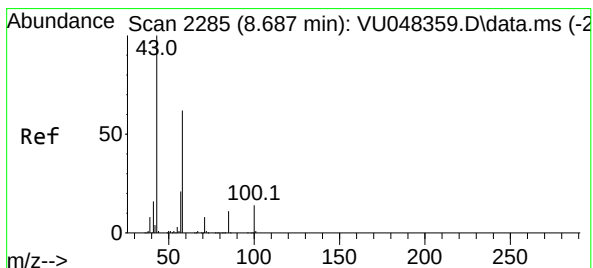
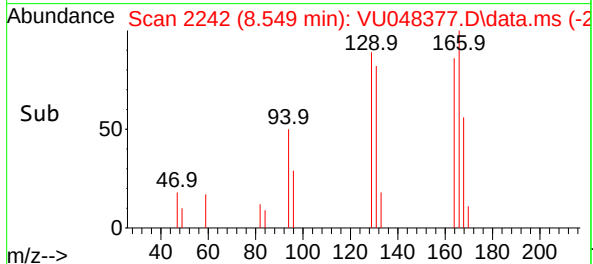
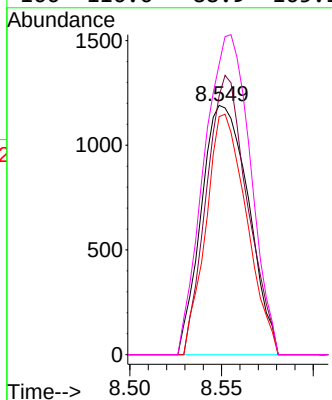
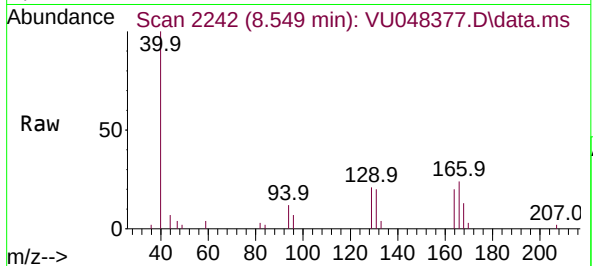




#46
Tetrachloroethene
Concen: 1.568 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048377.D
Acq: 02 May 2022 19:54

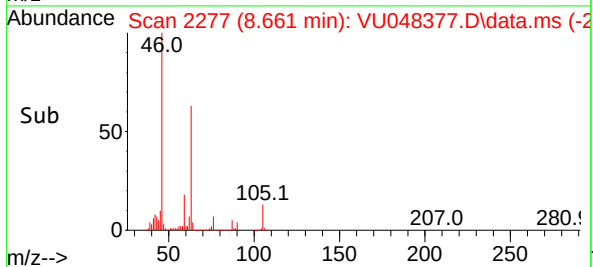
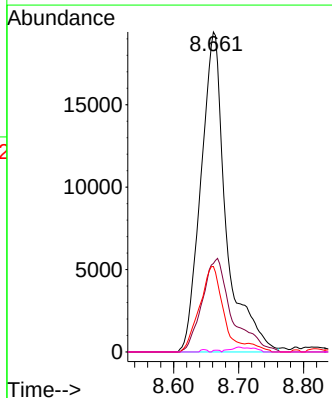
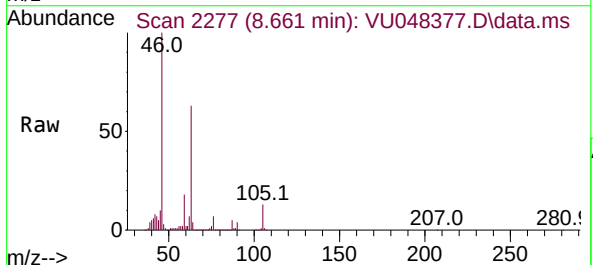
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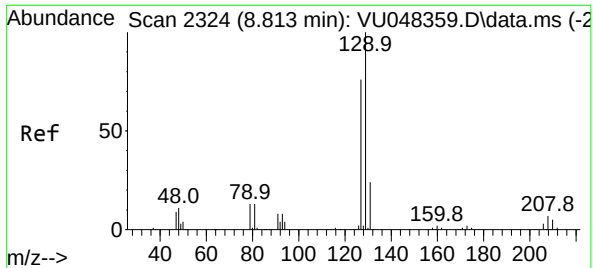
Tgt Ion:164	Resp:	2131
Ion	Ratio	Lower Upper
164	100	
129	103.9	63.3 117.7
131	95.5	61.2 113.6
166	116.6	88.9 165.1



#48
2-Hexanone
Concen: 22.642 ug/L
RT: 8.661 min Scan# 2277
Delta R.T. -0.026 min
Lab File: VU048377.D
Acq: 02 May 2022 19:54

Tgt Ion: 43	Resp:	52421
Ion	Ratio	Lower Upper
43	100	
58	34.3	48.1 72.1#
57	24.8	16.2 24.4#
100	0.1	10.3 15.5#





#49
 Dibromochloromethane
 Concen: 0.979 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.261 min
 Lab File: VU048377.D
 Acq: 02 May 2022 19:54

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL12

Tgt Ion:129 Resp: 2075
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.8 99.8#

