

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
 Data File : VU050621.D
 Acq On : 03 Sep 2022 18:44
 Operator : SY/MD
 Sample : N4480-08ME
 Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COZK3ME

Quant Time: Sep 05 01:09:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 05 01:05:15 2022
 Response via : Initial Calibration

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

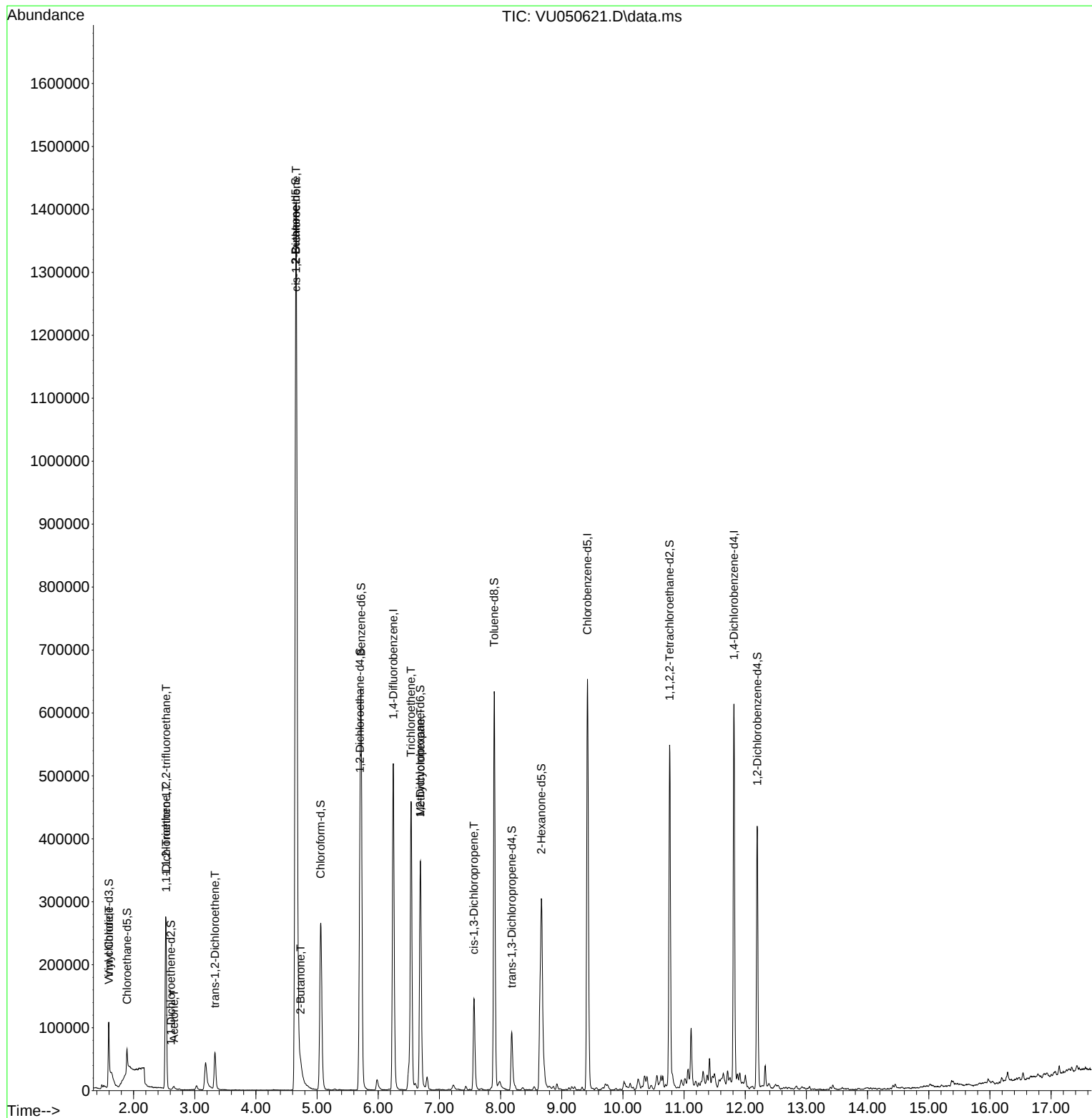
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	451525	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	439968	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	157688	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	88679	22.962	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	45.920%#		
7) Chloroethane-d5	1.893	69	37259	14.267	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	28.540%#		
11) 1,1-Dichloroethene-d2	2.610	63	108	0.016	ug/L	0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	0.040%#		
21) 2-Butanone-d5	4.649	46	274496	97.149	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.150%		
24) Chloroform-d	5.060	84	273952	37.428	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	74.860%		
26) 1,2-Dichloroethane-d4	5.700	65	188607	42.168	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.340%		
32) Benzene-d6	5.719	84	557098	38.316	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.640%		
36) 1,2-Dichloropropane-d6	6.687	67	195837	41.025	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.040%		
41) Toluene-d8	7.896	98	445838	35.858	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.720%#		
43) trans-1,3-Dichloroprop...	8.182	79	65218	33.020	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.040%		
47) 2-Hexanone-d5	8.668	63	139350	116.053	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	116.050%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	290832	40.260	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.520%		
66) 1,2-Dichlorobenzene-d4	12.198	152	107084	29.009	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	58.020%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.597	62	9104	2.062	ug/L #	73
10) 1,1,2-Trichloro-1,2,2-...	2.530	101	1617	0.458	ug/L #	22
12) 1,1-Dichloroethene	2.533	96	2303	0.672	ug/L #	1
13) Acetone	2.662	43	4585	2.151	ug/L	92
17) trans-1,2-Dichloroethene	3.330	96	25919	7.129	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	739972	180.386	ug/L	99
22) 2-Butanone	4.729	43	43210	12.962	ug/L	82
34) Trichloroethene	6.536	95	165998	44.493	ug/L	98
35) Methylcyclohexane	6.690	83	43418	7.320	ug/L #	19
39) cis-1,3-Dichloropropene	7.565	75	4212	0.736	ug/L #	79

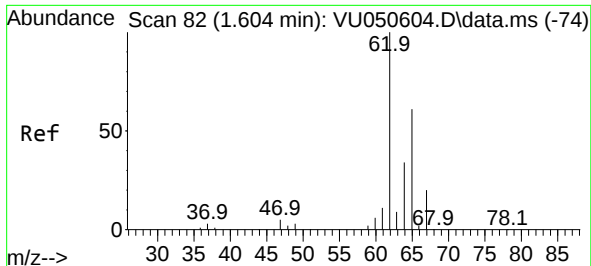
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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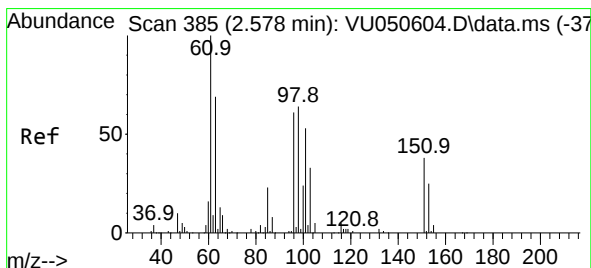
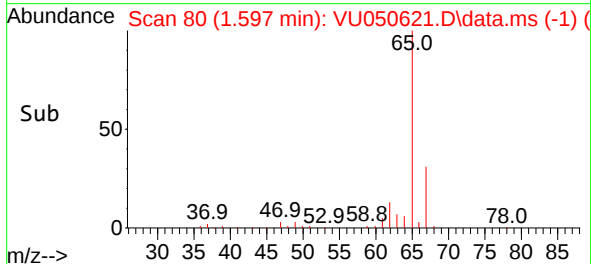
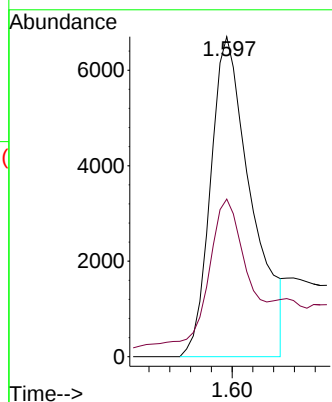
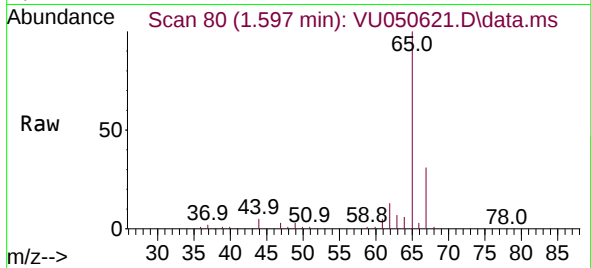




#5
 Vinyl chloride
 Concen: 2.062 ug/L
 RT: 1.597 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VU050621.D
 Acq: 03 Sep 2022 18:44

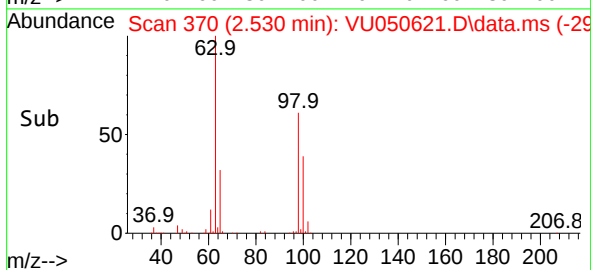
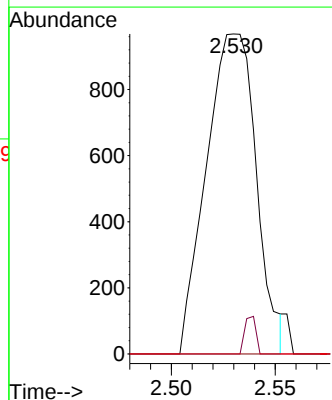
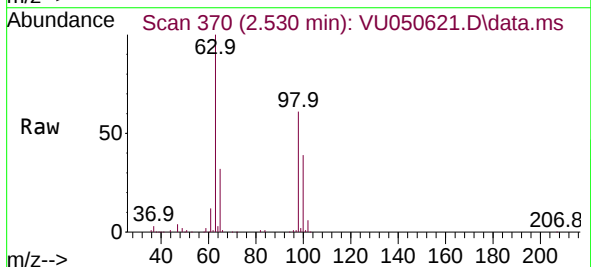
Instrument :
 MSVOA_U
 ClientSampleId :
 COZK3ME

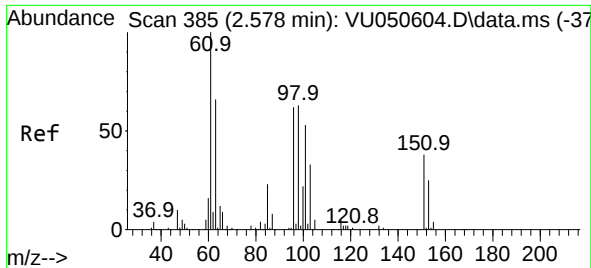
Tgt Ion: 62 Resp: 9104
 Ion Ratio Lower Upper
 62 100
 64 49.2 23.5 43.7#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.458 ug/L
 RT: 2.530 min Scan# 370
 Delta R.T. -0.048 min
 Lab File: VU050621.D
 Acq: 03 Sep 2022 18:44

Tgt Ion: 101 Resp: 1617
 Ion Ratio Lower Upper
 101 100
 85 2.7 34.4 51.6#
 151 0.0 57.7 86.5#

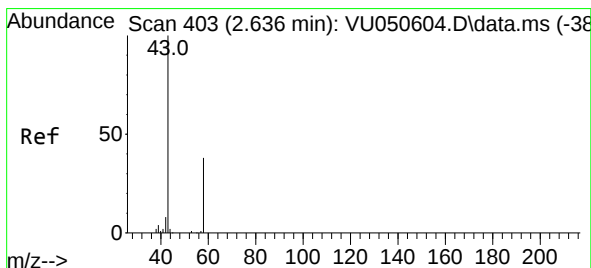
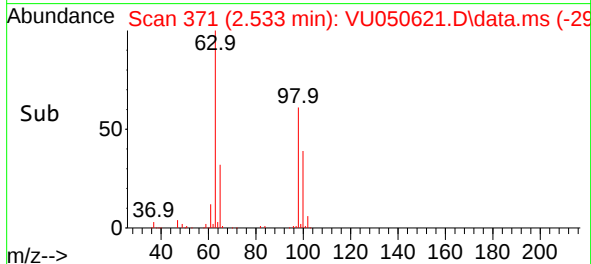
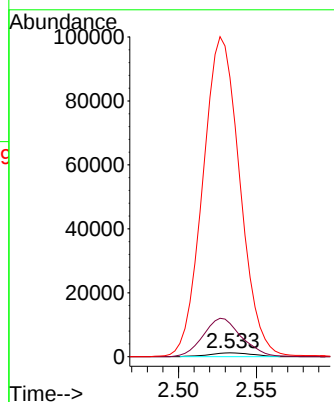
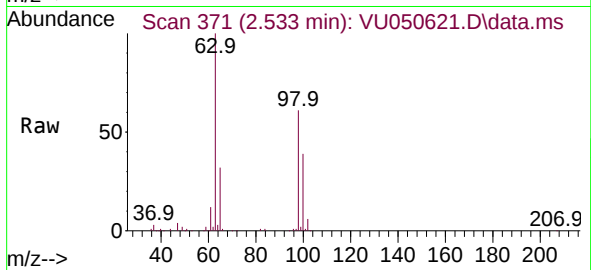




#12
1,1-Dichloroethene
Concen: 0.672 ug/L
RT: 2.533 min Scan# 311
Delta R.T. -0.045 min
Lab File: VU050621.D
Acq: 03 Sep 2022 18:44

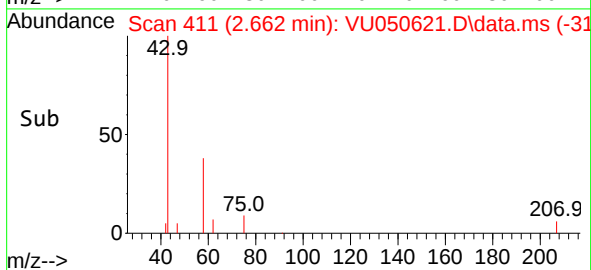
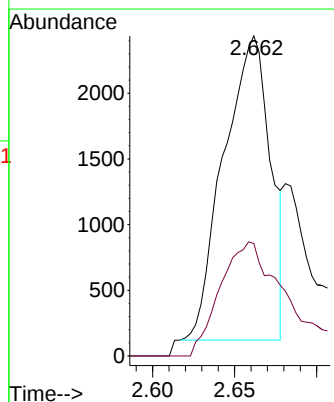
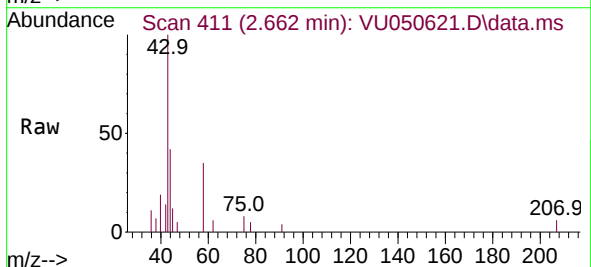
Instrument :
MSVOA_U
ClientSampleId :
C0ZK3ME

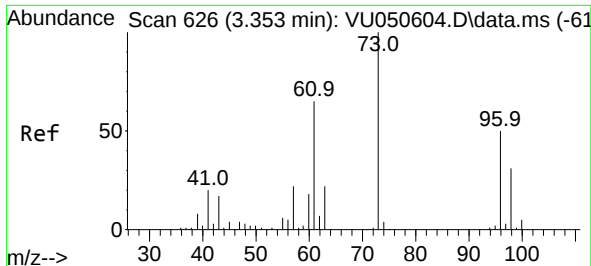
Tgt Ion: 96 Resp: 2303
Ion Ratio Lower Upper
96 100
61 871.3 118.0 219.1#
63 7292.2 79.5 147.7#



#13
Acetone
Concen: 2.151 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.026 min
Lab File: VU050621.D
Acq: 03 Sep 2022 18:44

Tgt Ion: 43 Resp: 4585
Ion Ratio Lower Upper
43 100
58 33.2 0.0 76.2

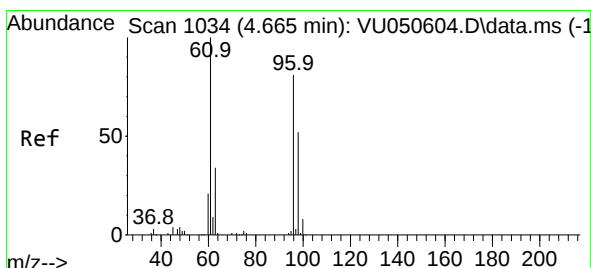
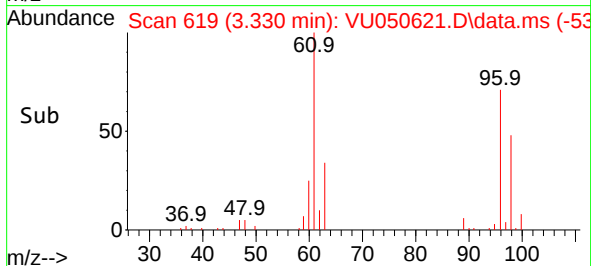
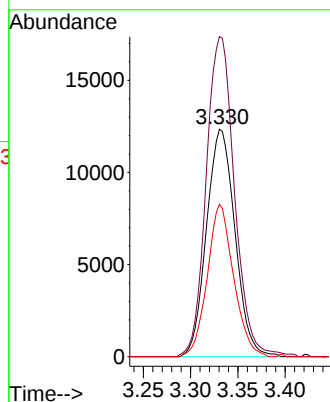
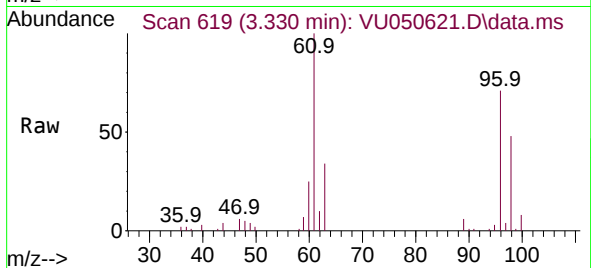




#17
trans-1,2-Dichloroethene
Concen: 7.129 ug/L
RT: 3.330 min Scan# 61
Delta R.T. -0.022 min
Lab File: VU050621.D
Acq: 03 Sep 2022 18:44

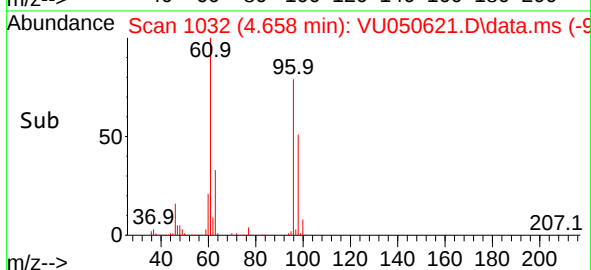
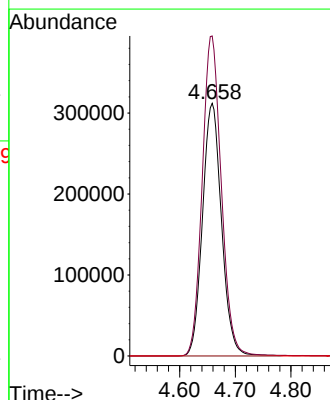
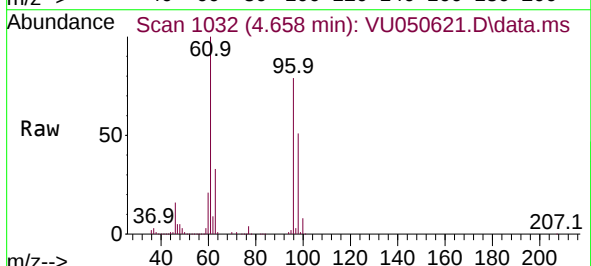
Instrument :
MSVOA_U
ClientSampleId :
C0ZK3ME

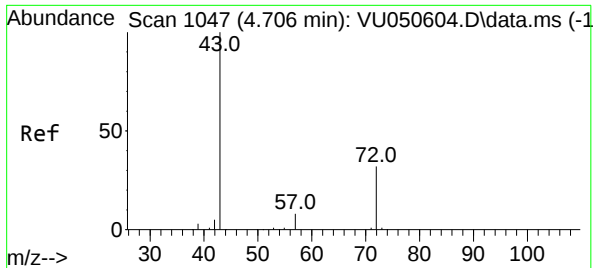
Tgt Ion: 96 Resp: 25919
Ion Ratio Lower Upper
96 100
61 140.6 97.9 181.7
98 66.9 44.8 83.2



#20
cis-1,2-Dichloroethene
Concen: 180.386 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VU050621.D
Acq: 03 Sep 2022 18:44

Tgt Ion: 96 Resp: 739972
Ion Ratio Lower Upper
96 100
61 126.7 89.8 166.8
68 0.0 0.0 0.0

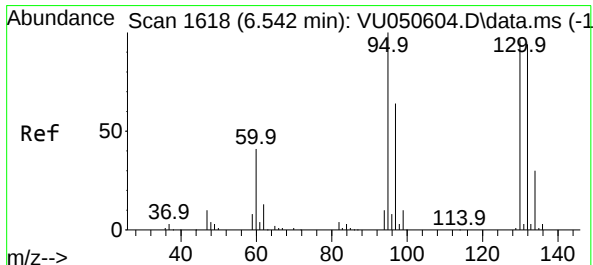
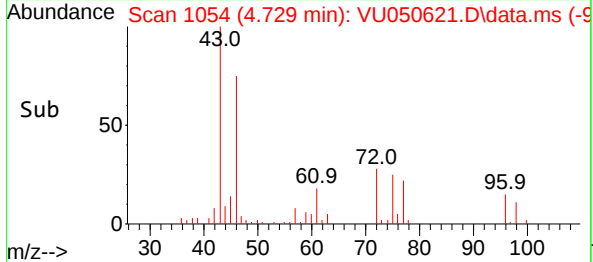
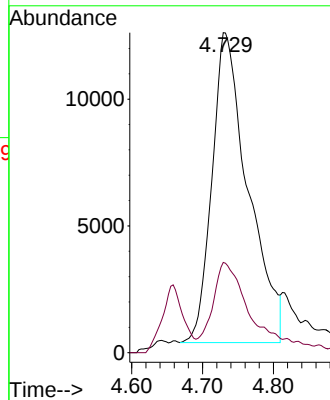
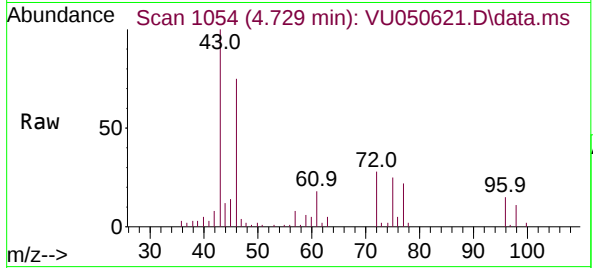




#22
2-Butanone
Concen: 12.962 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.023 min
Lab File: VU050621.D
Acq: 03 Sep 2022 18:44

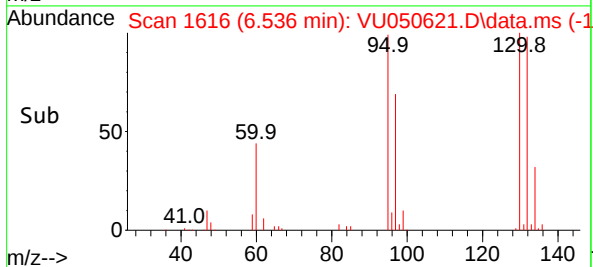
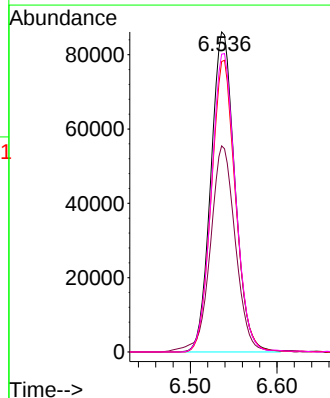
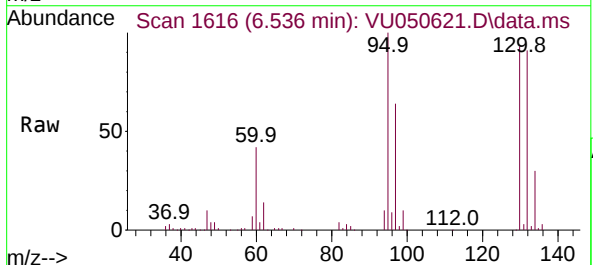
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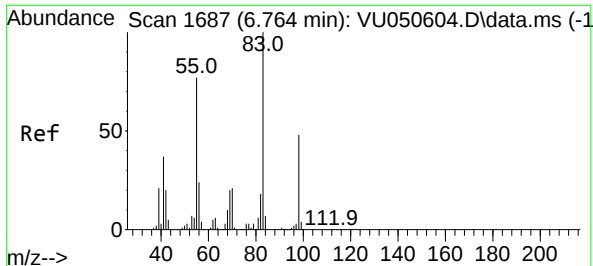
Tgt Ion: 43 Resp: 43210
Ion Ratio Lower Upper
43 100
72 19.7 14.6 44.0



#34
Trichloroethene
Concen: 44.493 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.006 min
Lab File: VU050621.D
Acq: 03 Sep 2022 18:44

Tgt Ion: 95 Resp: 165998
Ion Ratio Lower Upper
95 100
97 64.4 45.4 84.2
132 90.8 65.2 121.2
130 93.1 66.7 123.9

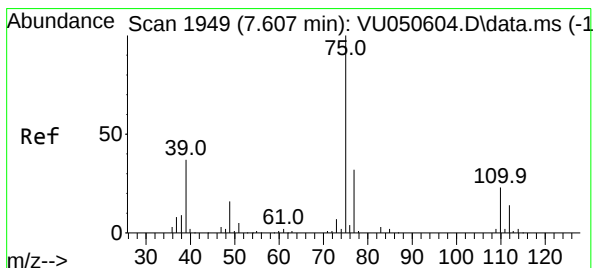
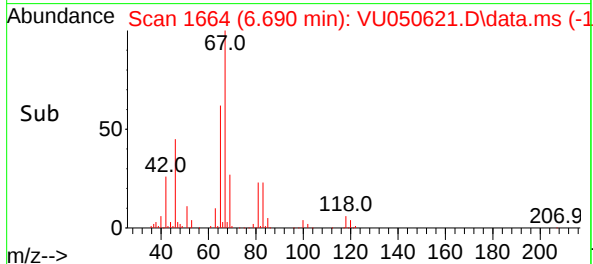
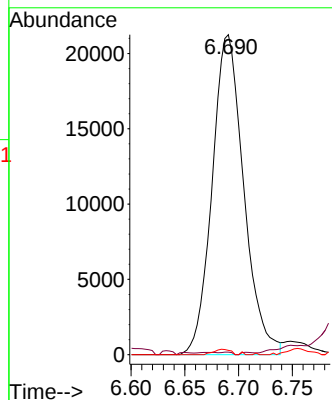
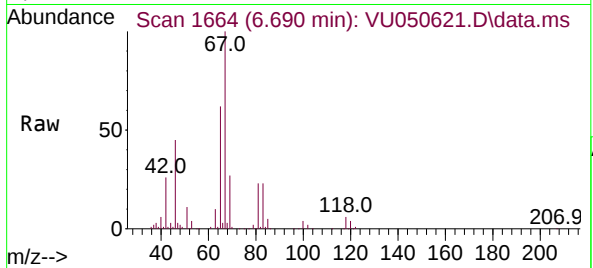




#35
Methylcyclohexane
Concen: 7.320 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.074 min
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Tgt Ion: 83 Resp: 43418
Ion Ratio Lower Upper
83 100
55 0.3 62.6 93.8#
98 0.9 35.5 53.3#



#39
cis-1,3-Dichloropropene
Concen: 0.736 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU050621.D
Acq: 03 Sep 2022 18:44

Tgt Ion: 75 Resp: 4212
Ion Ratio Lower Upper
75 100
77 43.7 22.5 41.7#

